

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005129.D
 Acq On : 10 Apr 2019 15:55
 Operator : JU/SJ
 Sample : K2343-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Quant Time: Apr 11 09:14:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7946	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31683	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	16735	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	34242	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	30039	20.00	ng	-0.02
87) Perylene-d12	23.49	264	30260	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	54077	117.66	ng	-0.02
7) Phenol-d6	6.83	99	68963	113.13	ng	-0.02
23) Nitrobenzene-d5	8.82	82	38601	73.70	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	33556	124.33	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	103685	82.10	ng	-0.02
79) Terphenyl-d14	19.69	244	131332	84.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	4729	28.235	ng	97
3) Pyridine	3.57	79	12852	27.459	ng	98
4) n-Nitrosodimethylamine	3.50	42	4524	29.649	ng	# 95
6) Aniline	6.99	93	18973	24.442	ng	99
8) 2-Chlorophenol	7.22	128	20141	34.521	ng	97
9) Benzaldehyde	6.80	77	6676	19.059	ng	99
10) Phenol	6.86	94	22540	34.507	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	16118	31.909	ng	99
12) 1,3-Dichlorobenzene	7.53	146	21006	33.046	ng	98
13) 1,4-Dichlorobenzene	7.69	146	21475	33.376	ng	99
14) 1,2-Dichlorobenzene	8.00	146	20743	33.686	ng	100
15) Benzyl Alcohol	7.90	79	14609	31.500	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	17632	28.932	ng	97
17) 2-Methylphenol	8.10	107	15699	34.475	ng	98
18) Hexachloroethane	8.71	117	7011	30.742	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	12177	30.471	ng	97
20) 3+4-Methylphenols	8.43	107	20841	33.708	ng	99
22) Acetophenone	8.48	105	26679	36.888	ng	98
24) Nitrobenzene	8.86	77	18099	34.145	ng	97
25) Isophorone	9.37	82	33757	33.084	ng	99
26) 2-Nitrophenol	9.56	139	10578	34.369	ng	97
27) 2,4-Dimethylphenol	9.62	122	17767	41.463	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	21686	34.303	ng	100
29) 2,4-Dichlorophenol	10.09	162	18335	37.230	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	20324	37.464	ng	100
31) Naphthalene	10.49	128	59989	36.291	ng	99
33) 4-Chloroaniline	10.61	127	8697	12.931	ng	98
34) Hexachlorobutadiene	10.75	225	12582	35.844	ng	99
35) Caprolactam	11.40	113	4493	27.862	ng	88
36) 4-Chloro-3-methylphenol	11.74	107	18134	34.085	ng	96
37) 2-Methylnaphthalene	12.10	142	43254	37.056	ng	99
38) 1-Methylnaphthalene	12.33	142	41002	35.897	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	23196	39.079	ng	99
41) Hexachlorocyclopentadiene	12.44	237	27413	81.522	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005129.D
 Acq On : 10 Apr 2019 15:55
 Operator : JU/SJ
 Sample : K2343-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Quant Time: Apr 11 09:14:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

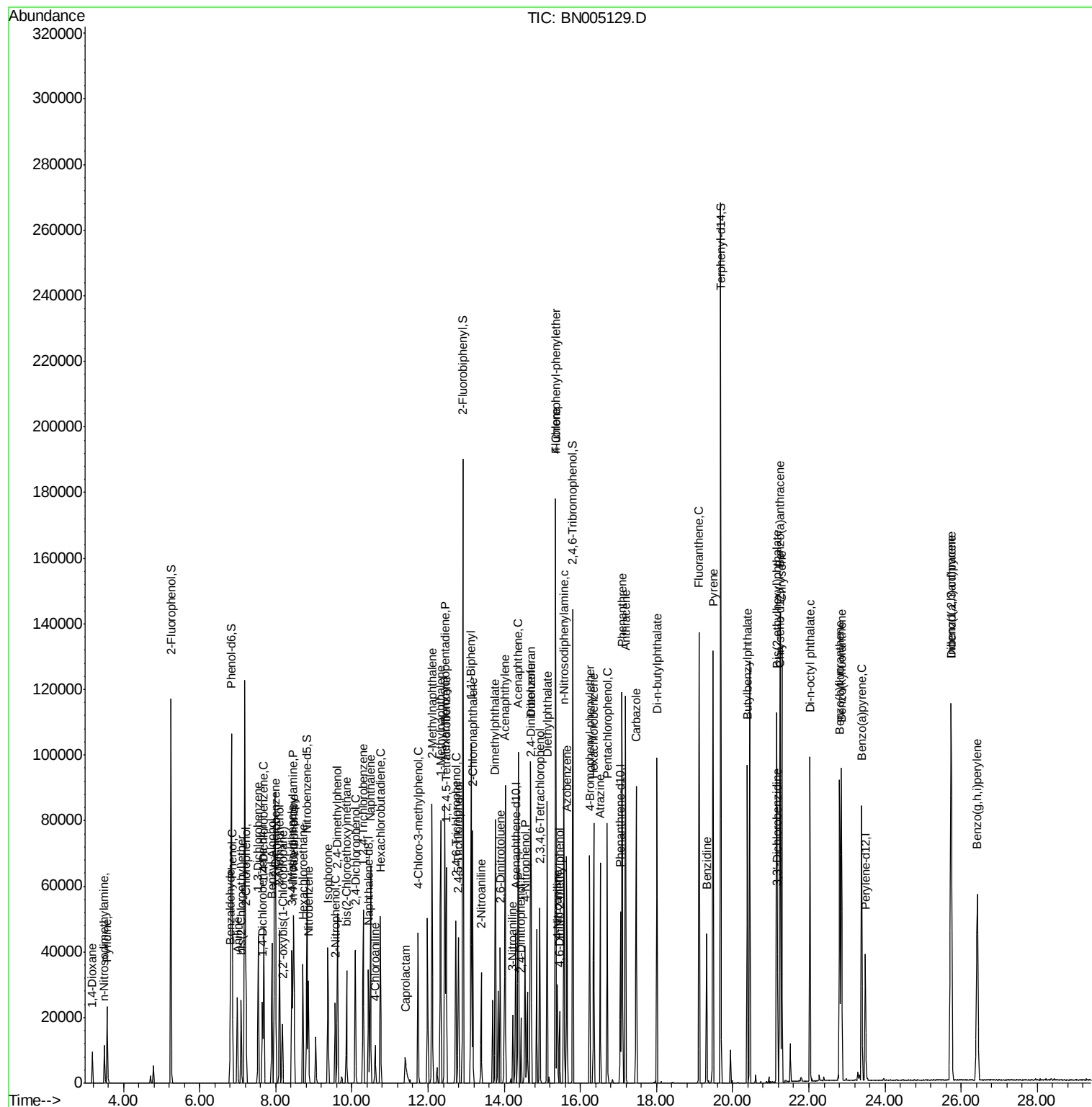
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	14183	38.508	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	14804	36.895	ng	98
46) 1,1'-Biphenyl	13.13	154	54862	38.734	ng	99
47) 2-Chloronaphthalene	13.17	162	42157	38.786	ng	99
48) 2-Nitroaniline	13.39	65	9429	32.589	ng	98
49) Acenaphthylene	14.02	152	66597	36.429	ng	99
50) Dimethylphthalate	13.76	163	60858	44.263	ng	100
51) 2,6-Dinitrotoluene	13.90	165	11362	36.317	ng	91
52) Acenaphthene	14.37	154	38862	37.790	ng	99
53) 3-Nitroaniline	14.23	138	6497	20.318	ng	94
54) 2,4-Dinitrophenol	14.44	184	5600	34.516	ng	97
55) Dibenzofuran	14.70	168	61166	37.379	ng	99
56) 4-Nitrophenol	14.55	139	14740	58.515	ng	98
57) 2,4-Dinitrotoluene	14.69	165	14946	35.152	ng	97
58) Fluorene	15.35	166	48794	36.912	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	13878	37.303	ng	# 97
60) Diethylphthalate	15.13	149	49695	36.221	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	25862	37.924	ng	98
62) 4-Nitroaniline	15.40	138	9502	29.576	ng	99
63) Azobenzene	15.64	77	38429	33.648	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	6902	31.167	ng	96
66) n-Nitrosodiphenylamine	15.57	169	42242	39.163	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	16699	39.080	ng	97
68) Hexachlorobenzene	16.35	284	20051	40.052	ng	95
69) Atrazine	16.52	200	14271	37.034	ng	98
70) Pentachlorophenol	16.70	266	17773	67.523	ng	98
71) Phenanthrene	17.09	178	76473	39.747	ng	100
72) Anthracene	17.19	178	74496	38.900	ng	100
73) Carbazole	17.46	167	61578	35.326	ng	99
74) Di-n-butylphthalate	18.02	149	80369	37.848	ng	99
75) Fluoranthene	19.12	202	87332	39.787	ng	99
77) Benzidine	19.32	184	30135	32.190	ng	99
78) Pyrene	19.49	202	85951	42.852	ng	99
80) Butylbenzylphthalate	20.39	149	31831	39.056	ng	95
81) Benzo(a)anthracene	21.24	228	71095	37.996	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	16237	23.206	ng	100
83) Chrysene	21.29	228	68286	38.208	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	45394	40.256	ng	98
85) Di-n-octyl phthalate	22.03	149	73472	40.373	ng	97
86) Indeno(1,2,3-cd)pyrene	25.73	276	87741	43.213	ng	99
88) Benzo(b)fluoranthene	22.82	252	71668	38.477	ng	99
89) Benzo(k)fluoranthene	22.86	252	68969	40.379	ng	99
90) Benzo(a)pyrene	23.39	252	68821	40.377	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	72263	42.231	ng	99
92) Benzo(g,h,i)perylene	26.43	276	74115	43.797	ng	99

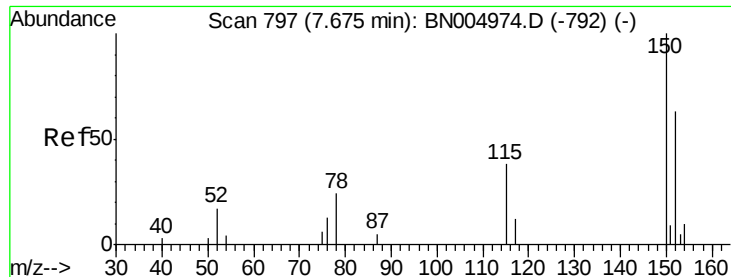
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005129.D
Acq On : 10 Apr 2019 15:55
Operator : JU/SJ
Sample : K2343-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Quant Time: Apr 11 09:14:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration



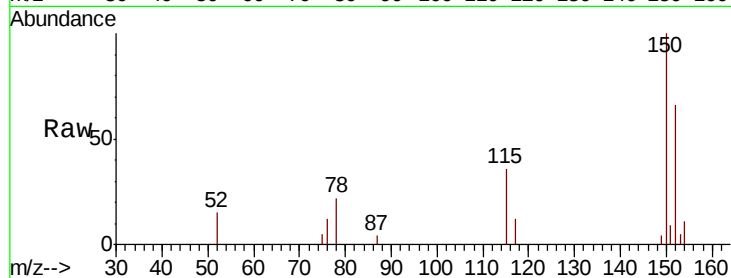


#1

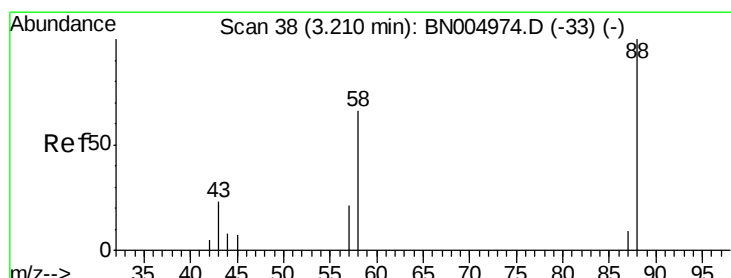
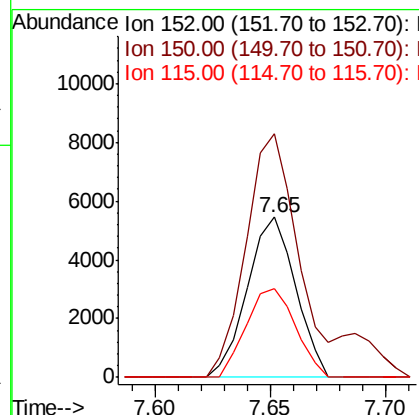
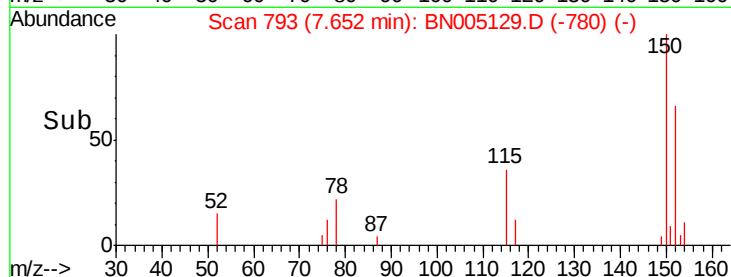
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Tot Ion:152 Resp: 7946
Ion Ratio Lower Upper
152 100
150 152.2 126.9 190.3
115 55.2 47.8 71.6



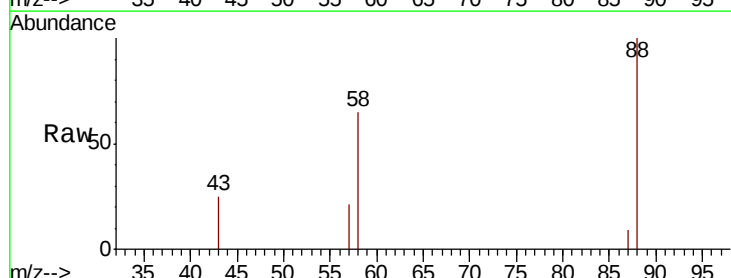
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



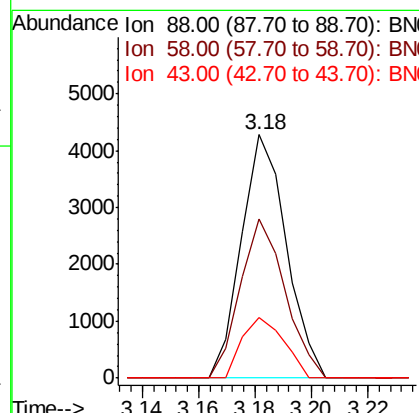
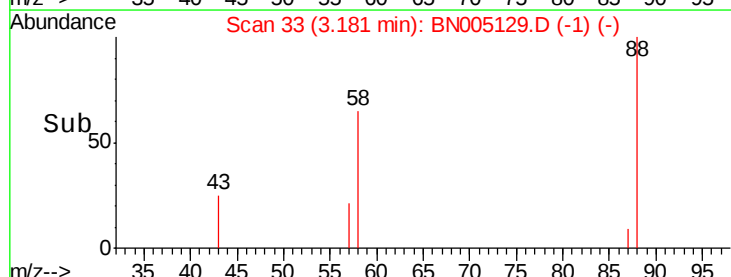
#2

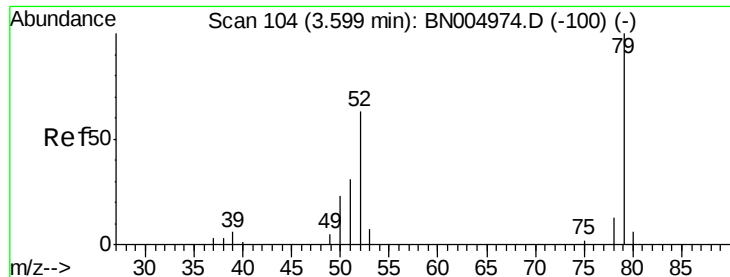
1,4-Dioxane
Concen: 28.235 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion: 88 Resp: 4729
Ion Ratio Lower Upper
88 100
58 65.3 51.0 76.6
43 23.2 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 27.459 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

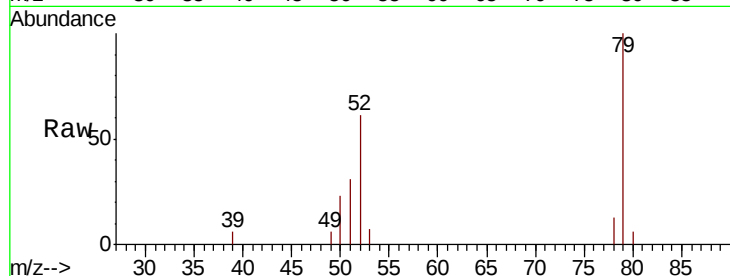
Tot Ion: 79 Resp: 12852

Ion Ratio Lower Upper

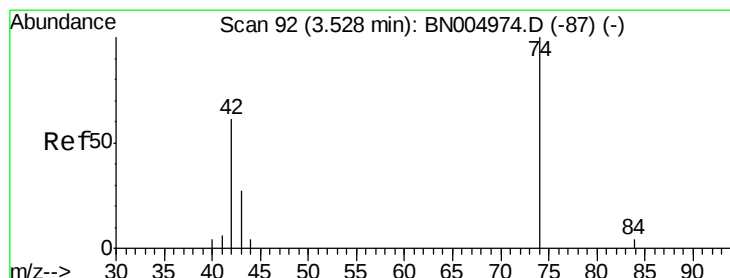
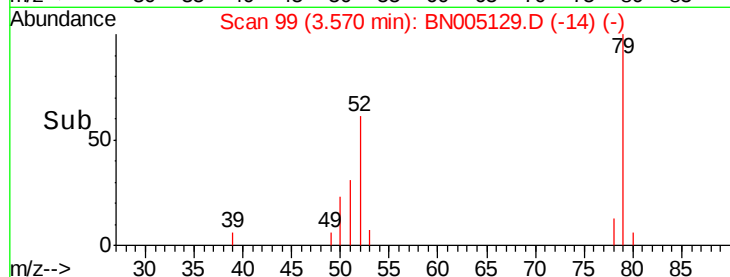
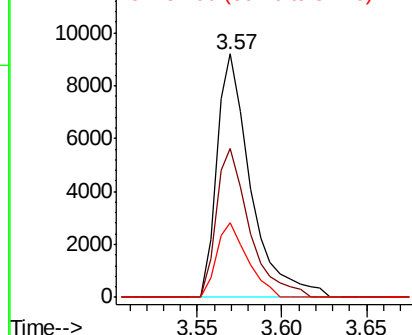
79 100

52 61.3 50.2 75.4

51 30.6 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 29.649 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

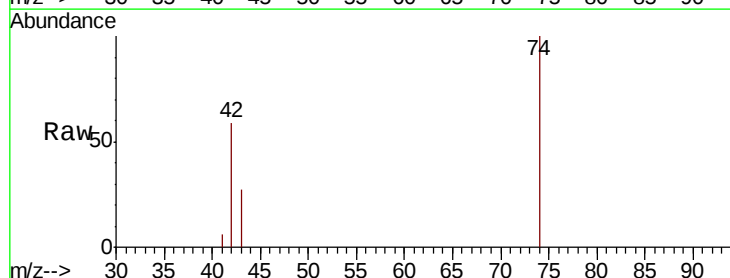
Tgt Ion: 42 Resp: 4524

Ion Ratio Lower Upper

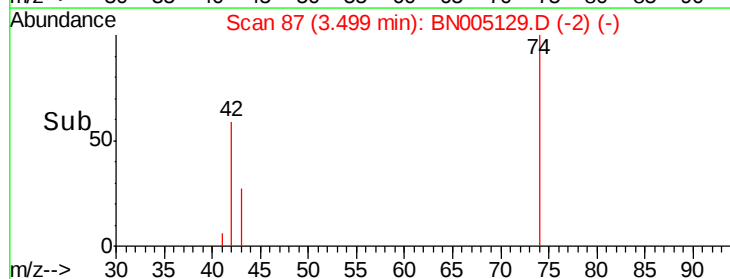
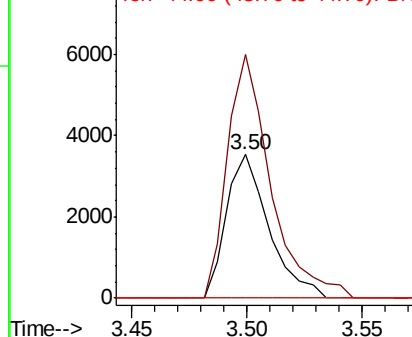
42 100

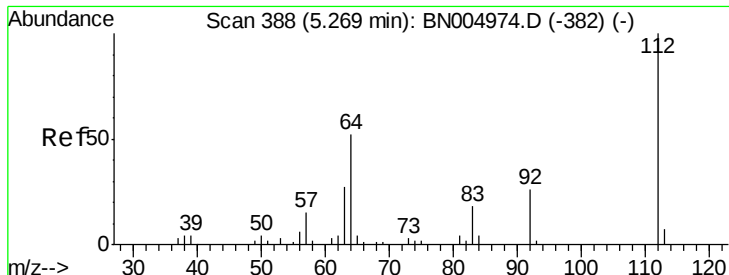
74 169.5 130.8 196.2

44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 117.661 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

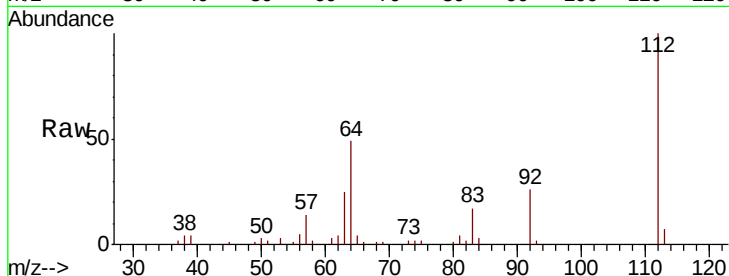
Tot Ion: 112 Resp: 54077

Ion Ratio Lower Upper

112 100

64 48.8 41.9 62.9

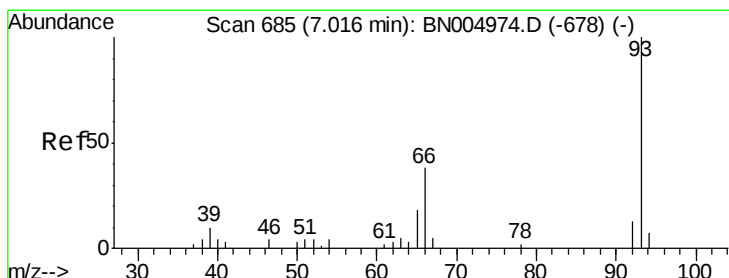
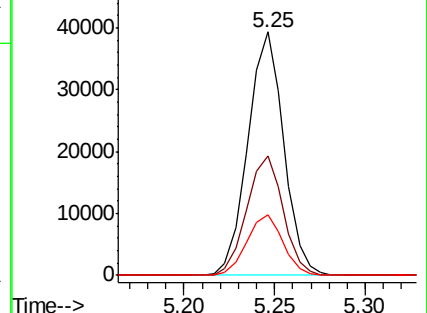
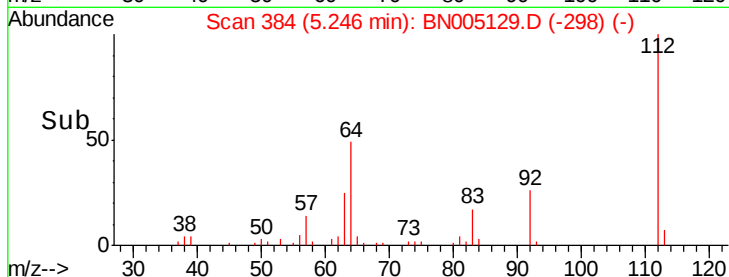
63 24.9 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.442 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

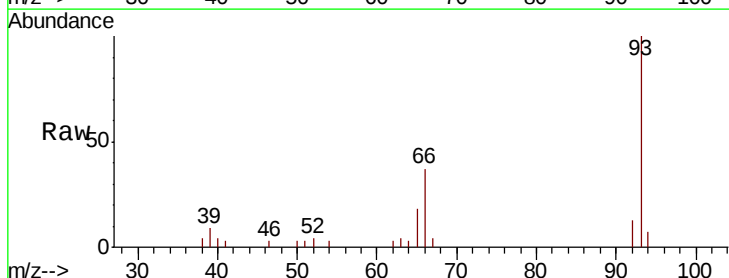
Tgt Ion: 93 Resp: 18973

Ion Ratio Lower Upper

93 100

66 37.0 30.2 45.4

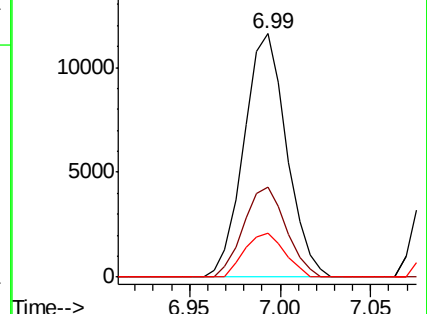
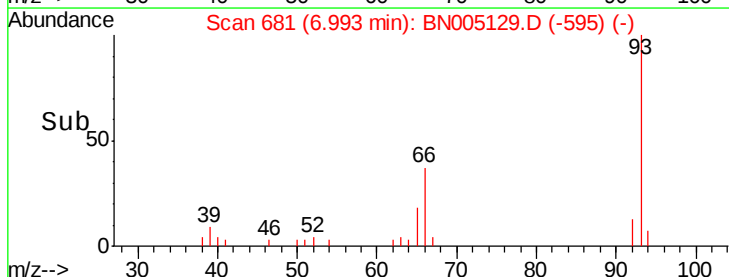
65 18.2 14.7 22.1

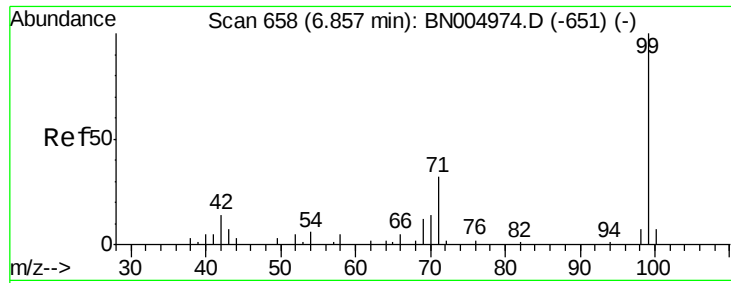


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 113.131 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

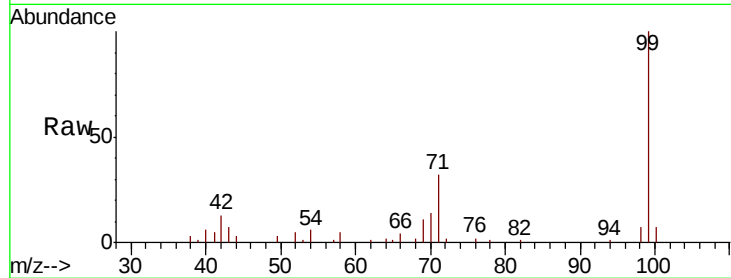
Tot Ion: 99 Resp: 68963

Ion Ratio Lower Upper

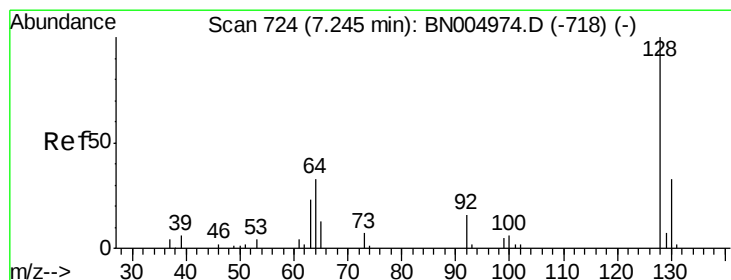
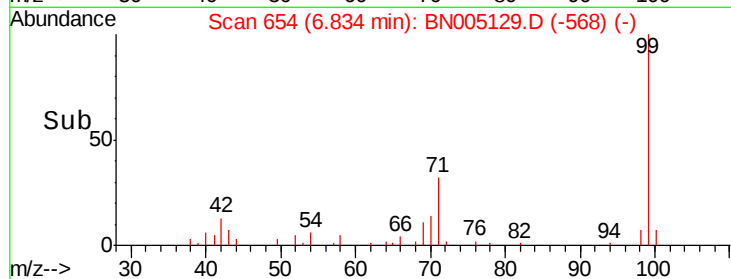
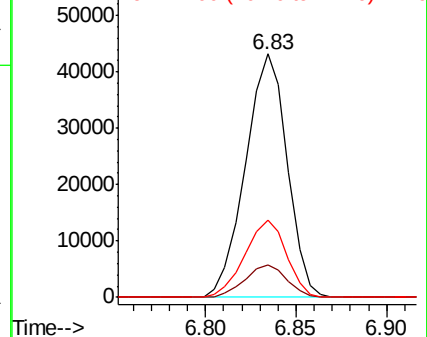
99 100

42 13.2 11.4 17.0

71 31.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 34.521 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

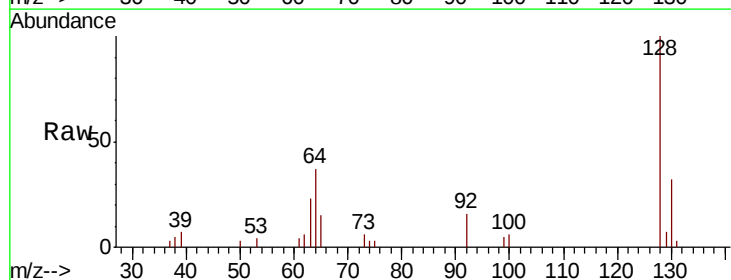
Tgt Ion: 128 Resp: 20141

Ion Ratio Lower Upper

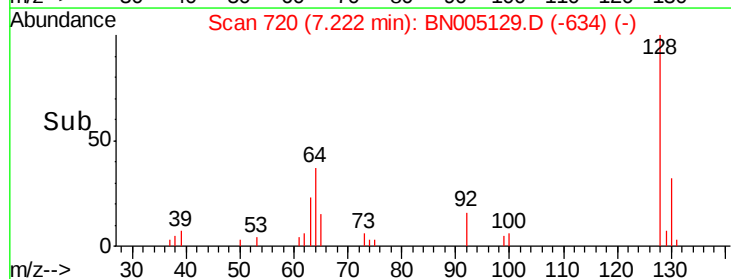
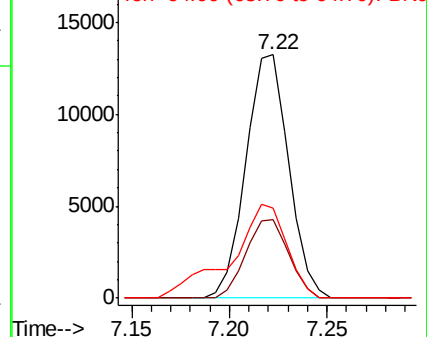
128 100

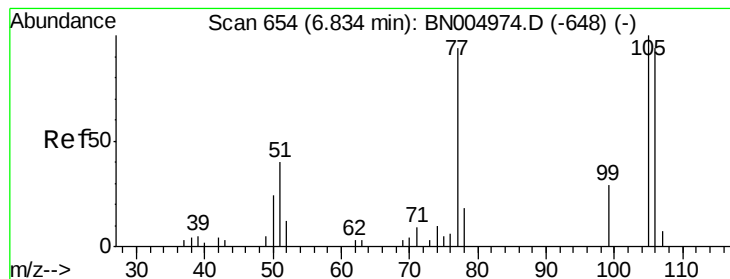
130 32.5 12.9 52.9

64 36.9 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 19.059 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

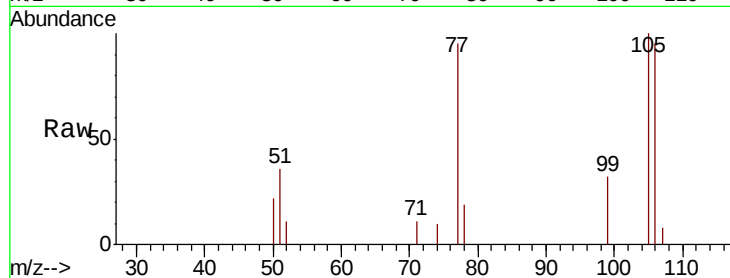
Tot Ion: 77 Resp: 6676

Ion Ratio Lower Upper

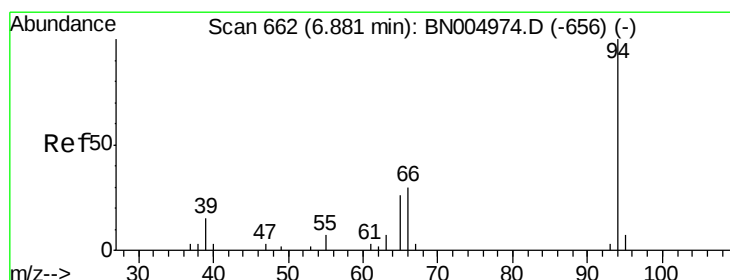
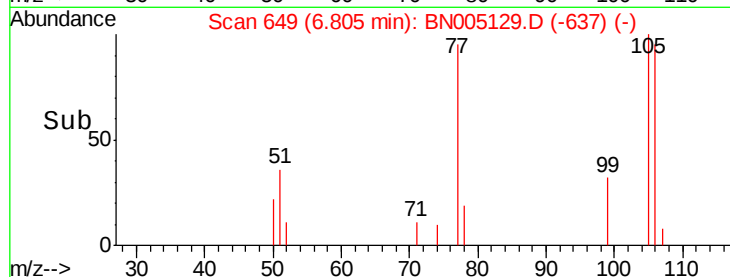
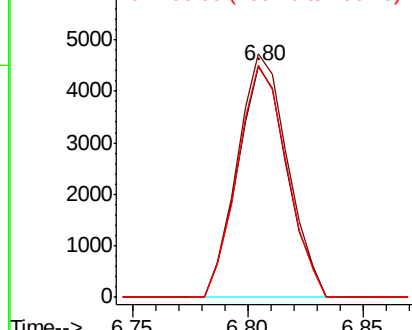
77 100

105 105.5 86.1 126.1

106 100.5 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 34.507 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

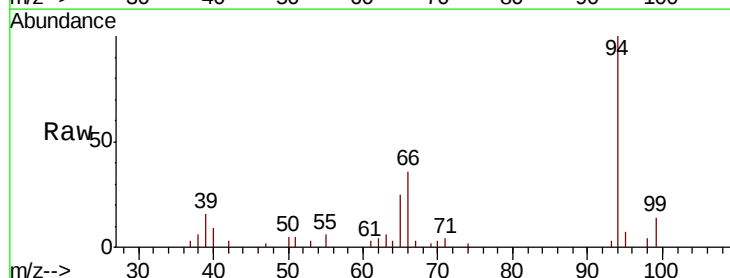
Tgt Ion: 94 Resp: 22540

Ion Ratio Lower Upper

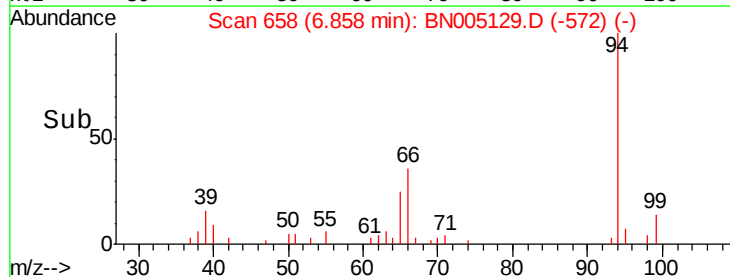
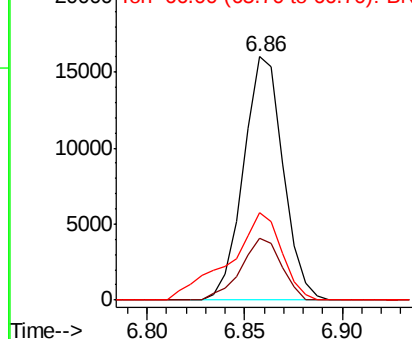
94 100

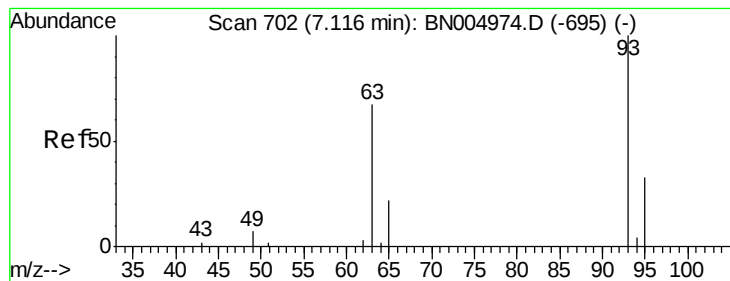
65 25.3 5.7 45.7

66 35.9 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC

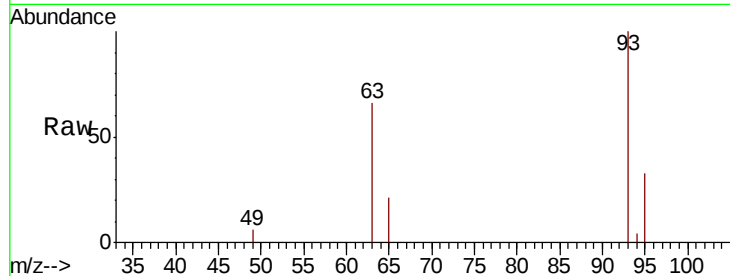




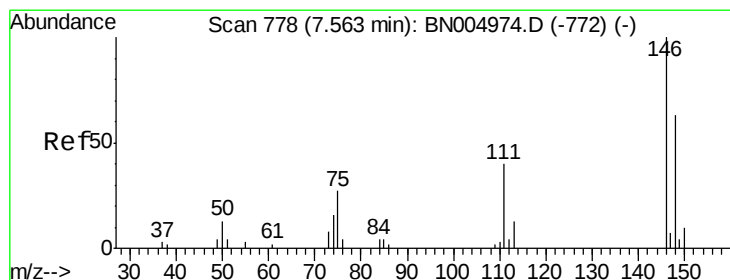
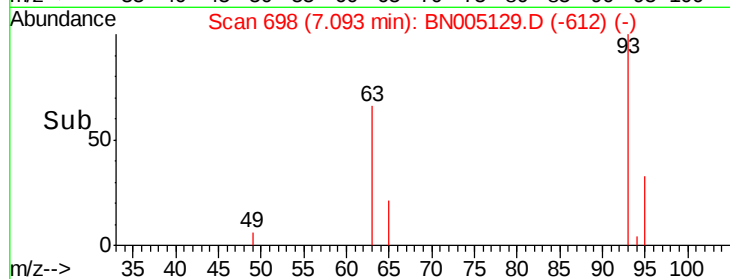
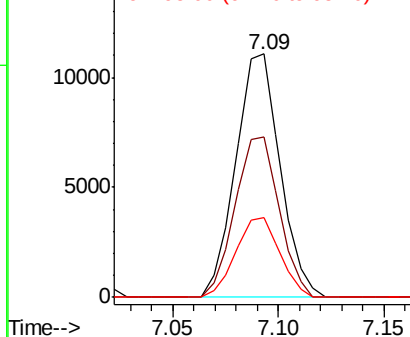
#11
bis(2-Chloroethyl)ether
Concen: 31.909 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Tot Ion: 93 Resp: 16118
Ion Ratio Lower Upper
93 100
63 65.7 47.0 87.0
95 32.7 12.7 52.7

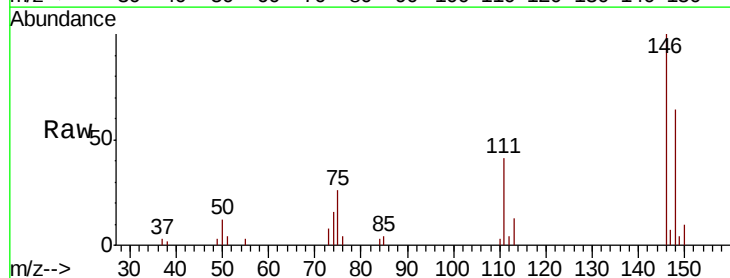


Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0

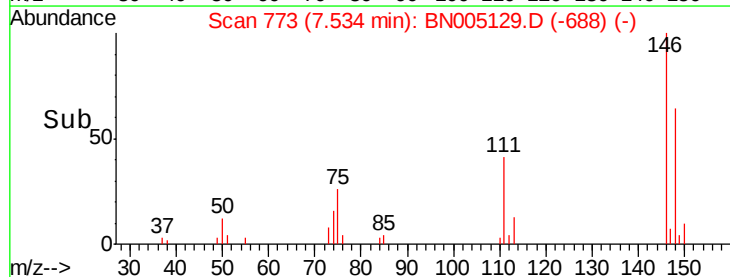
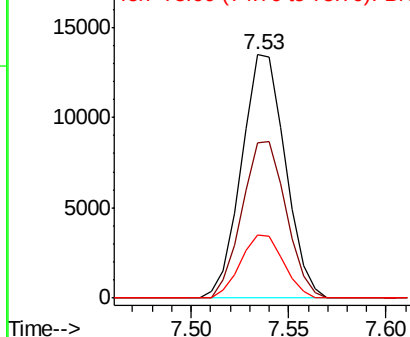


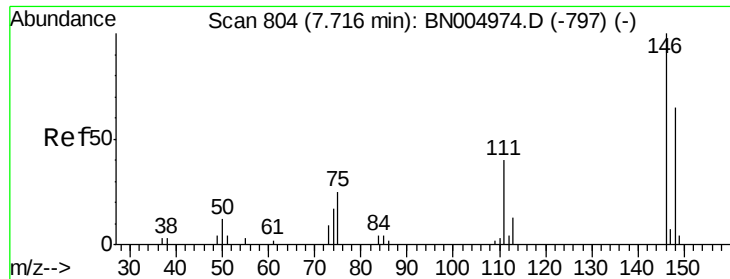
#12
1,3-Dichlorobenzene
Concen: 33.046 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion: 146 Resp: 21006
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
75 26.0 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BN0

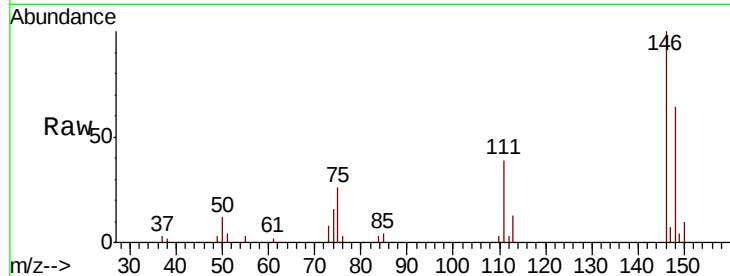




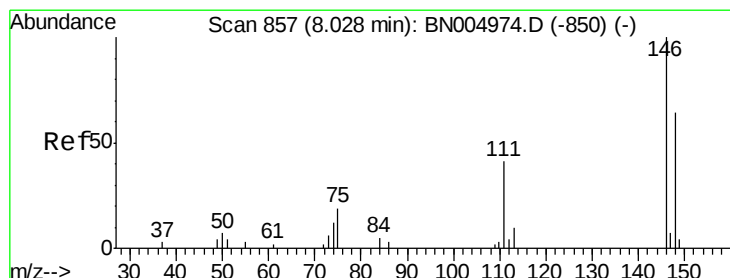
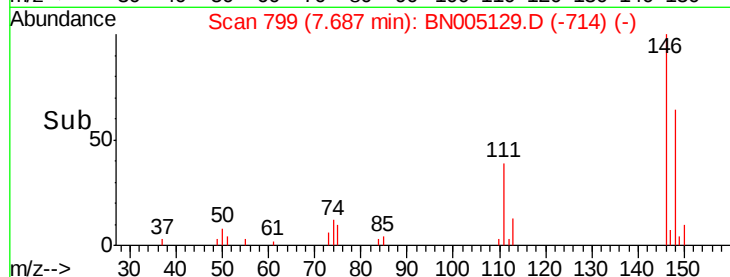
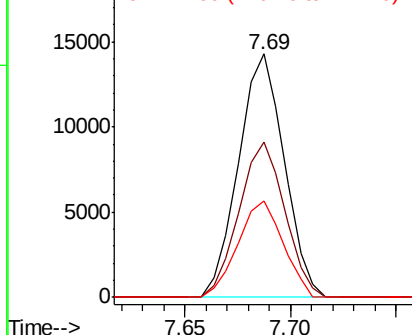
#13
 1,4-Dichlorobenzene
 Concen: 33.376 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:146 Resp: 21475
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 39.4 32.6 49.0

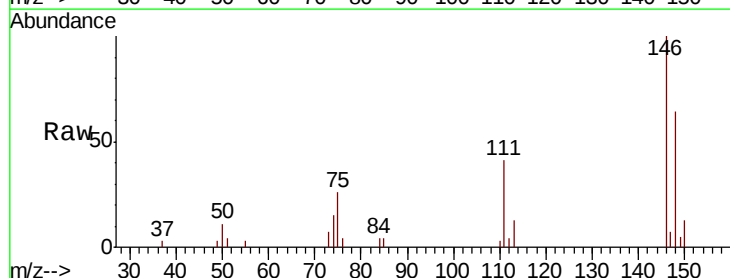


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

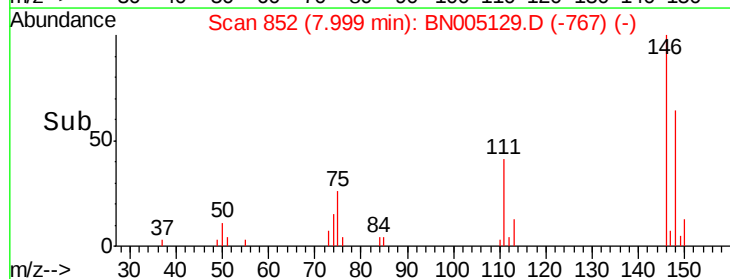
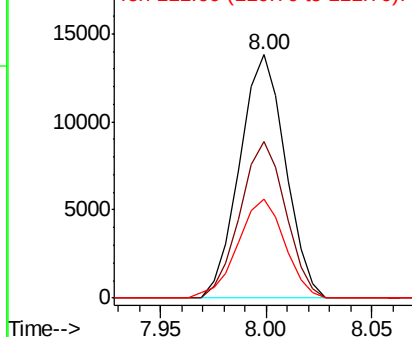


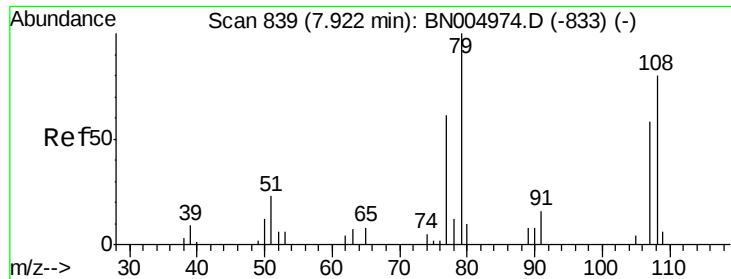
#14
 1,2-Dichlorobenzene
 Concen: 33.686 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:146 Resp: 20743
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 40.6 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.500 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

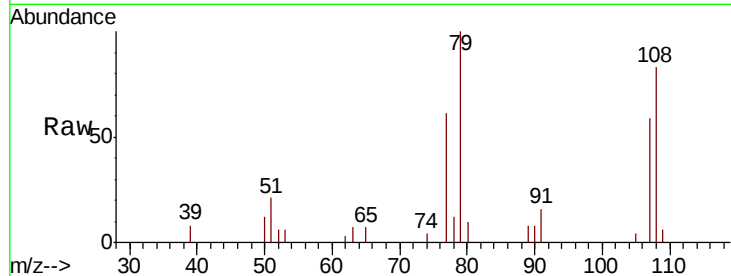
Tot Ion: 79 Resp: 14609

Ion Ratio Lower Upper

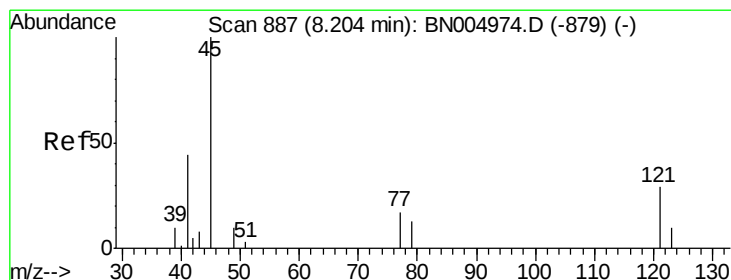
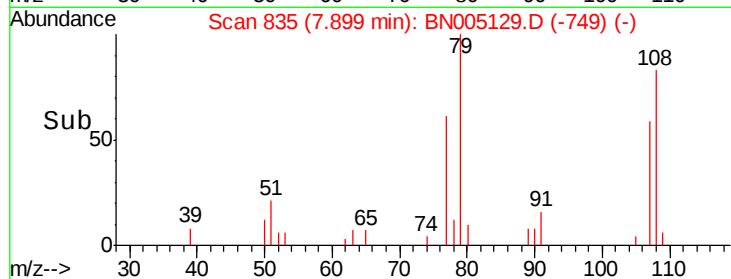
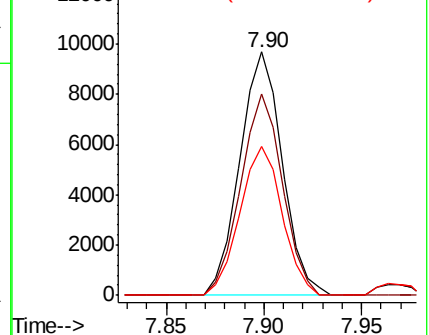
79 100

108 82.6 64.0 96.0

77 61.2 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.932 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

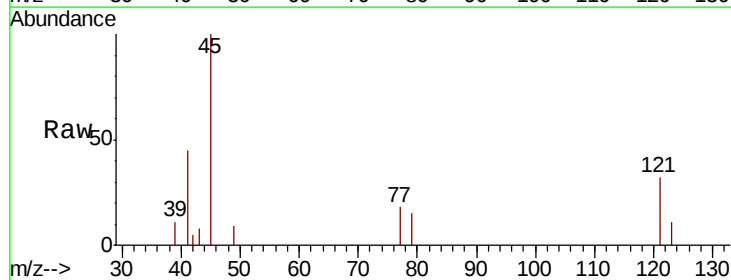
Tgt Ion: 45 Resp: 17632

Ion Ratio Lower Upper

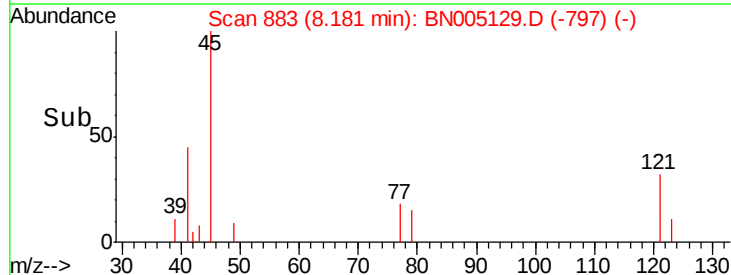
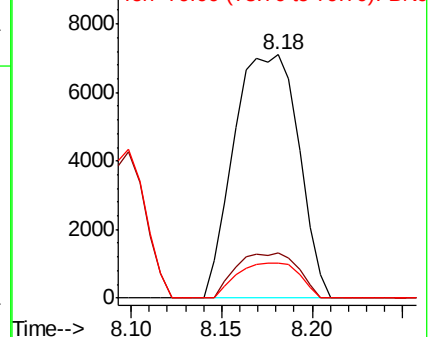
45 100

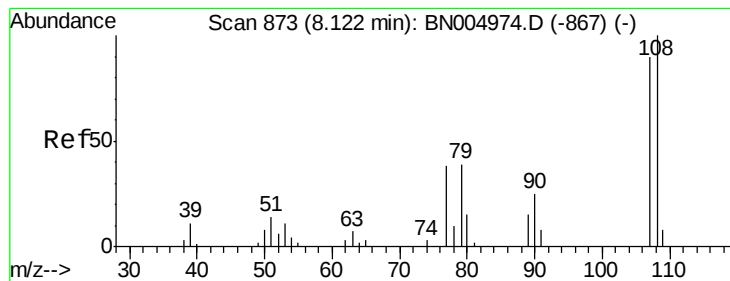
77 18.4 0.0 36.9

79 14.6 0.0 33.3



Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC





#17

2-Methylphenol

Concen: 34.475 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

Tot Ion:107 Resp: 15699

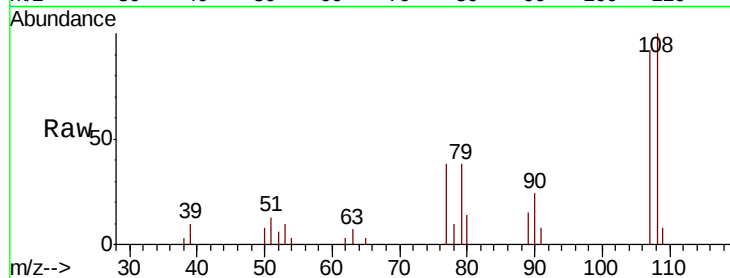
Ion Ratio Lower Upper

107 100

108 109.0 88.8 133.2

77 41.1 34.2 51.2

79 41.6 34.8 52.2

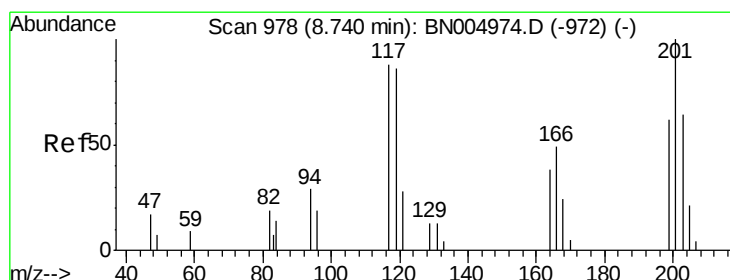
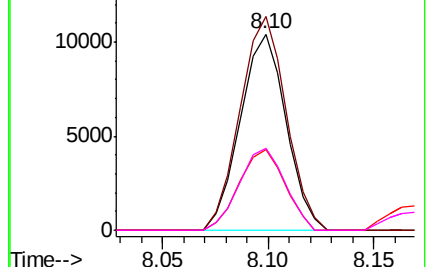
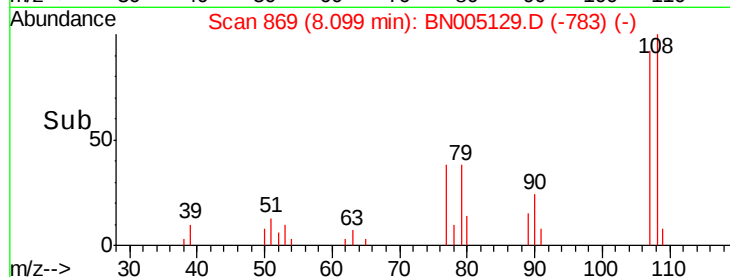


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 30.742 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

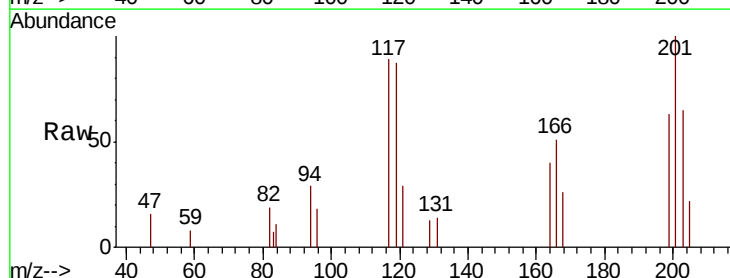
Tgt Ion:117 Resp: 7011

Ion Ratio Lower Upper

117 100

119 97.9 77.5 116.3

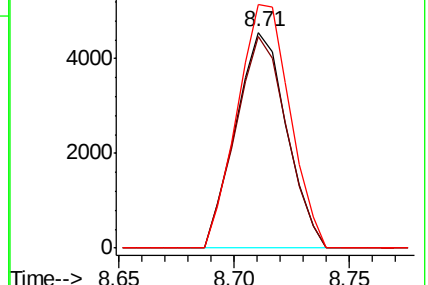
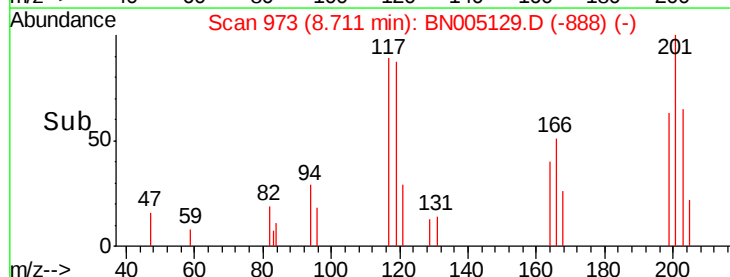
201 112.9 90.5 135.7

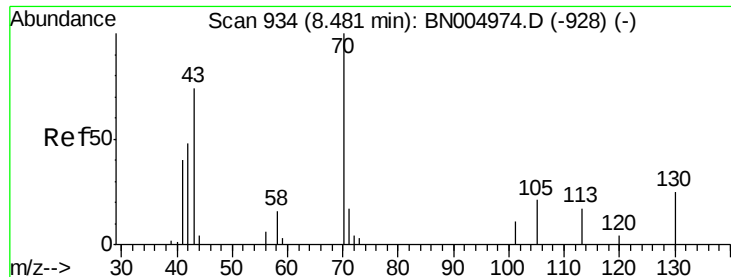


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

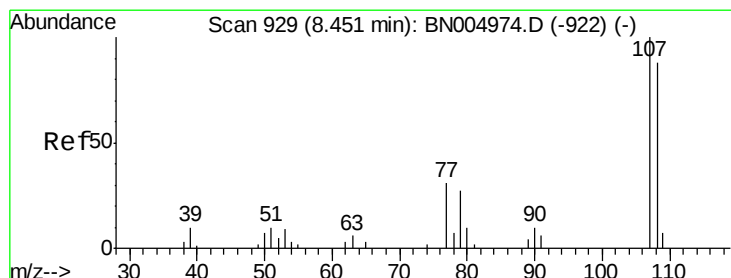
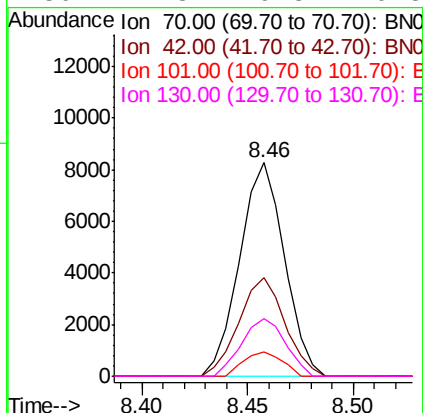
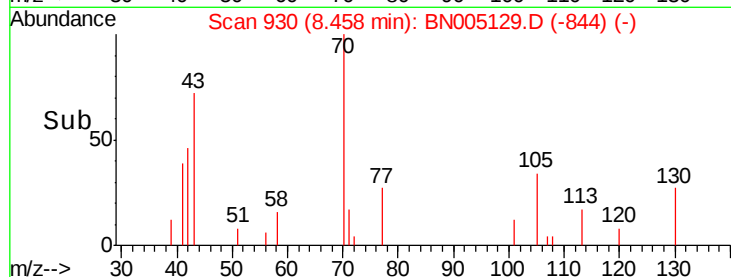
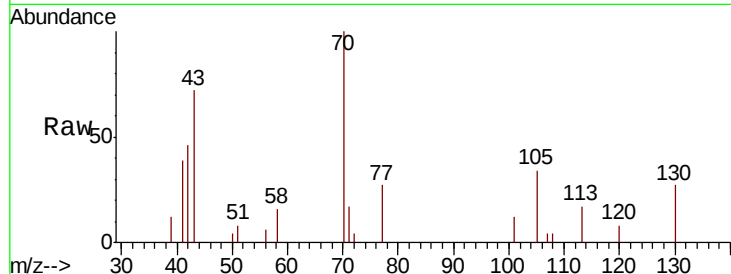




#19
n-Nitroso-di-n-propylamine
Concen: 30.471 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

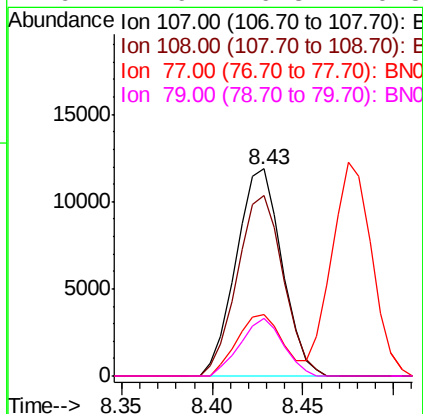
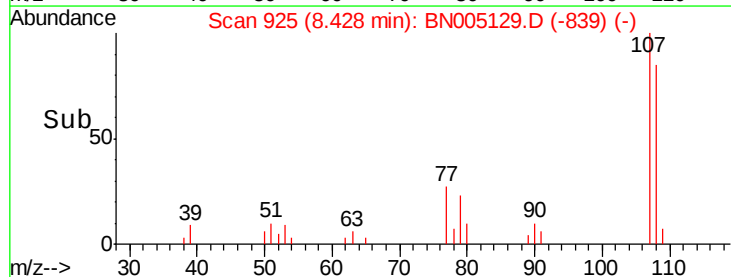
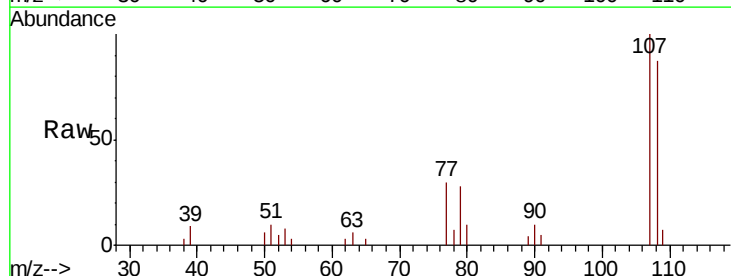
Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

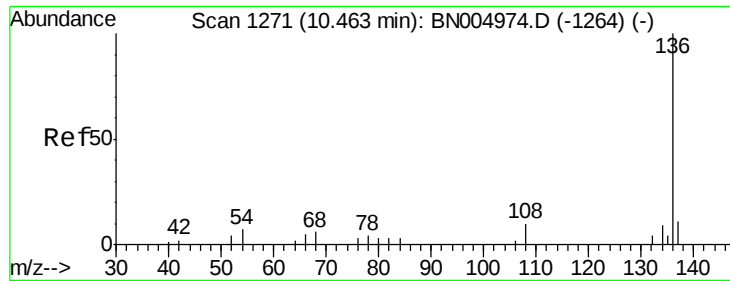
Tot Ion: 70 Resp: 12177
Ion Ratio Lower Upper
70 100
42 46.3 38.4 57.6
101 11.5 8.8 13.2
130 27.3 19.8 29.8



#20
3+4-Methylphenols
Concen: 33.708 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion: 107 Resp: 20841
Ion Ratio Lower Upper
107 100
108 87.0 67.9 107.9
77 29.8 10.6 50.6
79 27.9 6.8 46.8

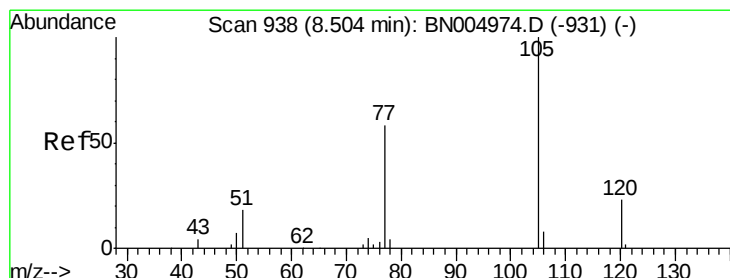
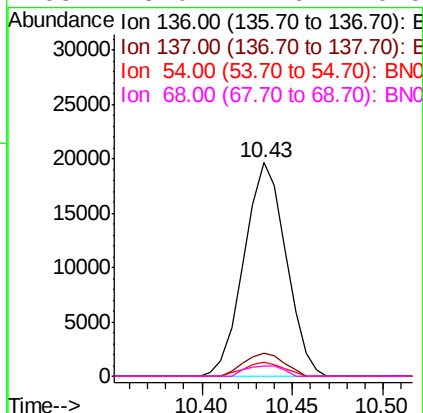
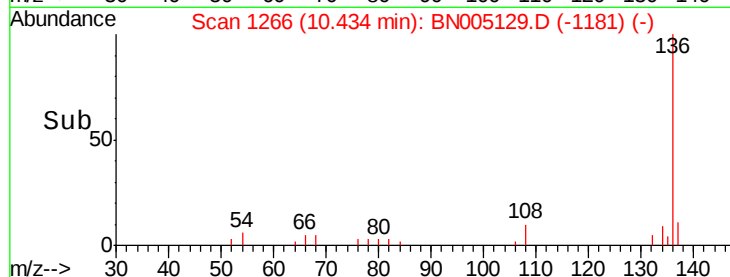
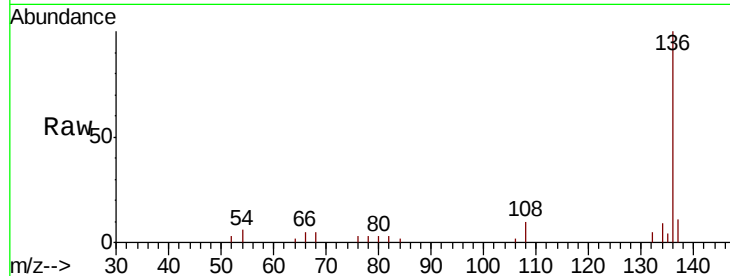




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

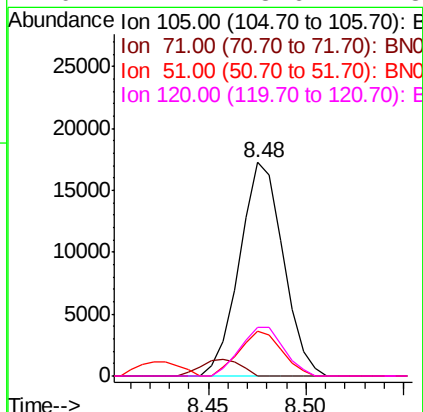
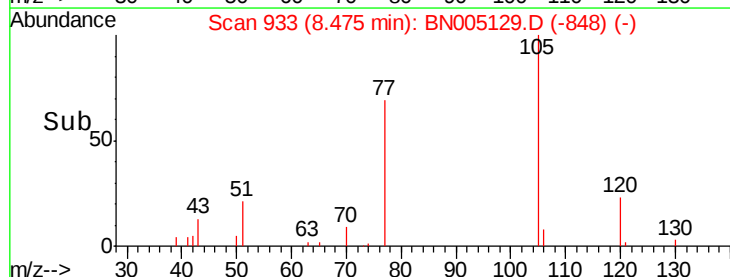
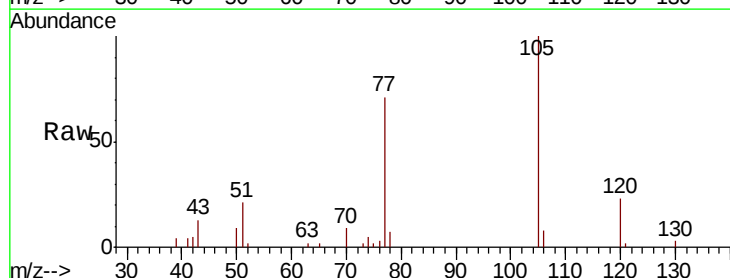
Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

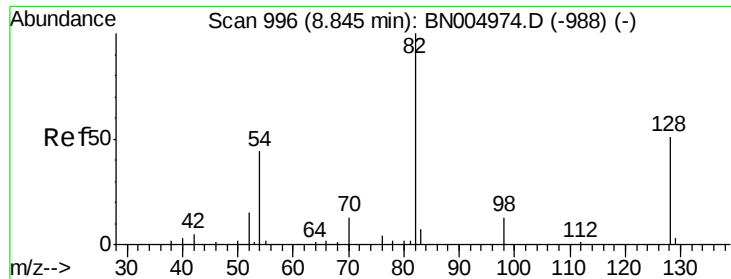
Tot Ion:136	Resp:	31683
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.3	5.3 7.9
68	5.0	4.6 6.8



#22
Acetophenone
Concen: 36.888 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:105	Resp:	26679
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	21.0	17.8 26.8
120	22.7	18.6 27.8

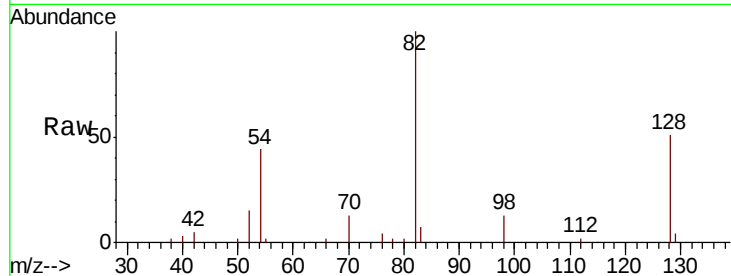




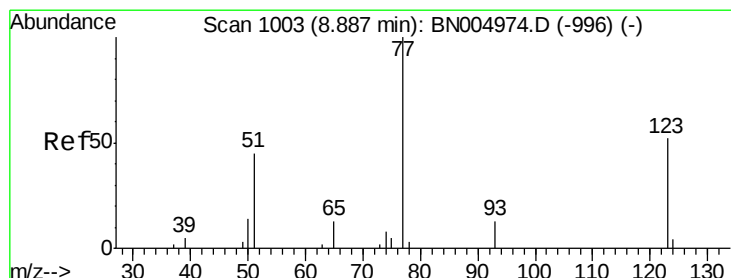
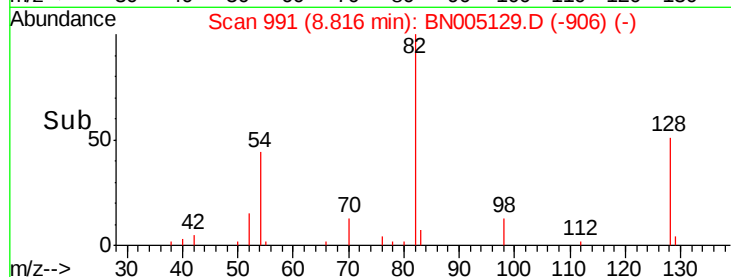
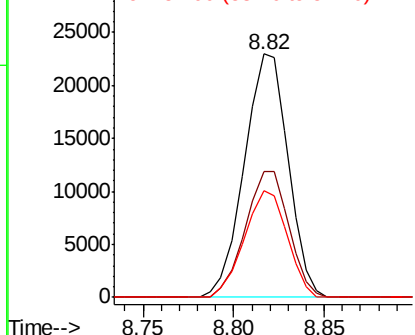
#23
Nitrobenzene-d5
Concen: 73.700 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Tot Ion: 82 Resp: 38601
Ion Ratio Lower Upper
82 100
128 51.5 40.6 60.8
54 43.5 35.2 52.8

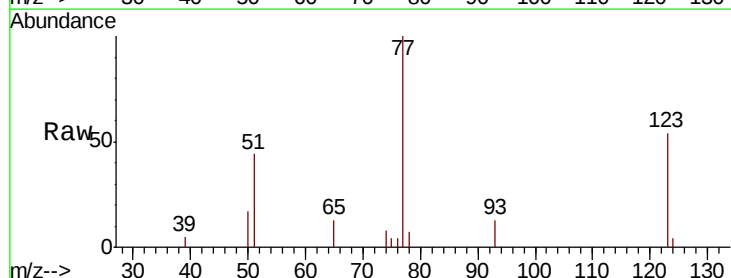


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

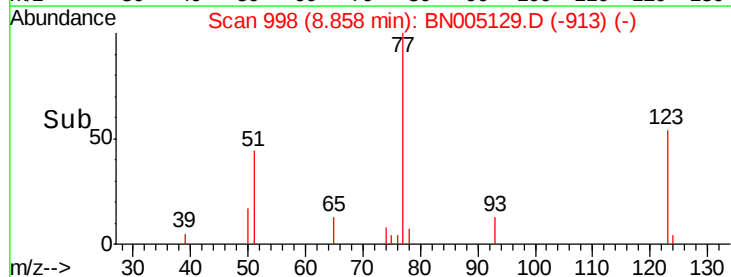
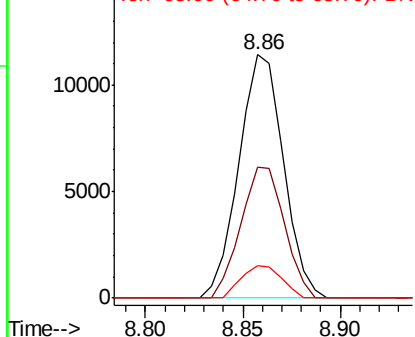


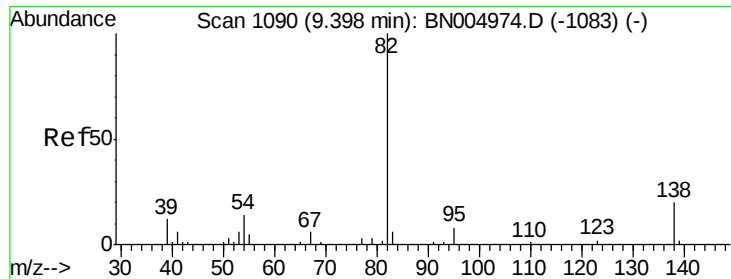
#24
Nitrobenzene
Concen: 34.145 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion: 77 Resp: 18099
Ion Ratio Lower Upper
77 100
123 53.9 41.3 61.9
65 13.3 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 33.084 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

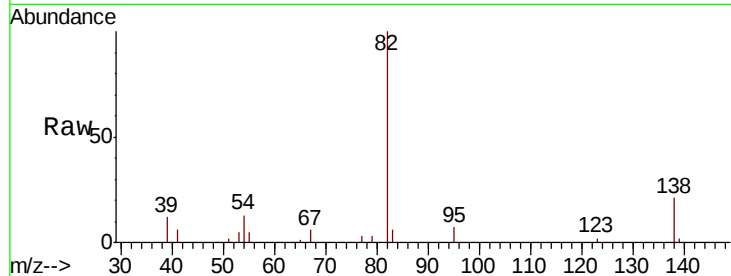
Tot Ion: 82 Resp: 33757

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

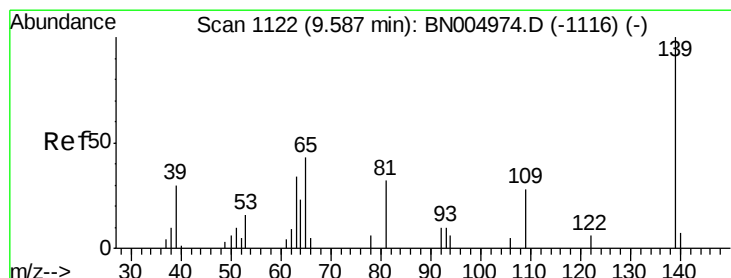
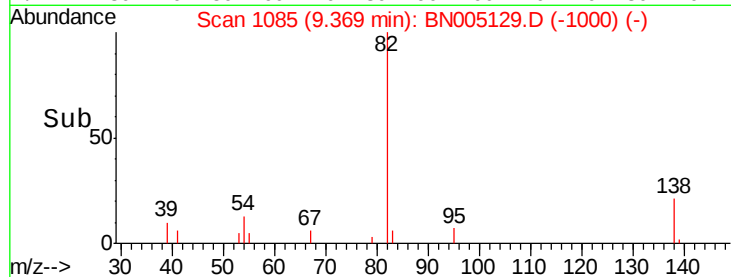
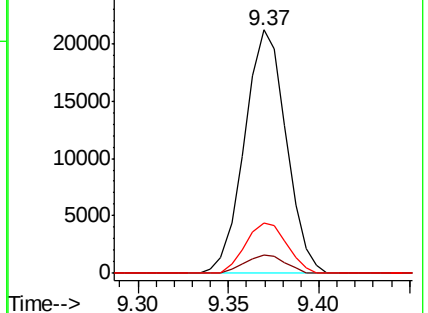
138 20.6 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 34.369 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

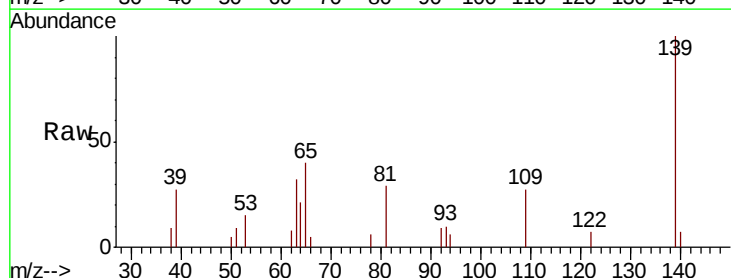
Tgt Ion: 139 Resp: 10578

Ion Ratio Lower Upper

139 100

109 27.2 22.5 33.7

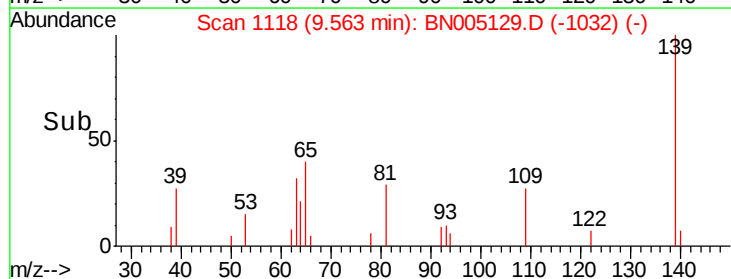
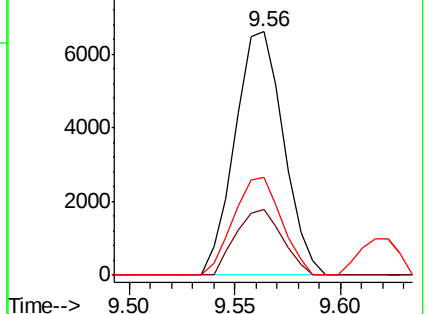
65 40.2 34.2 51.4

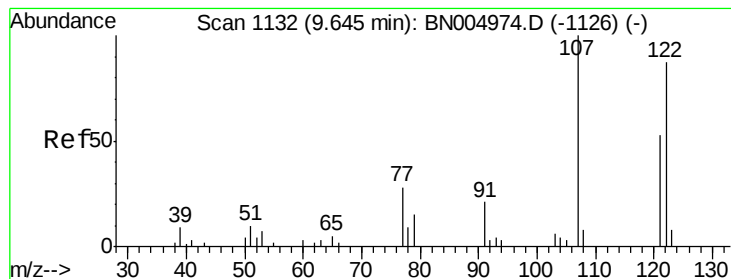


Abundance Ion 139.00 (138.70 to 139.70): BNC

Ion 109.00 (108.70 to 109.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#27

2,4-Dimethylphenol

Concen: 41.463 ng

RT: 9.62 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

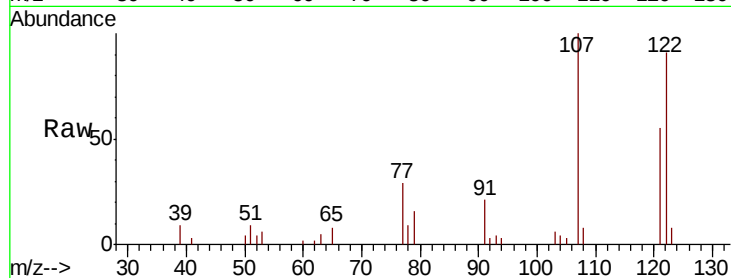
Tot Ion:122 Resp: 17767

Ion Ratio Lower Upper

122 100

107 109.4 91.6 137.4

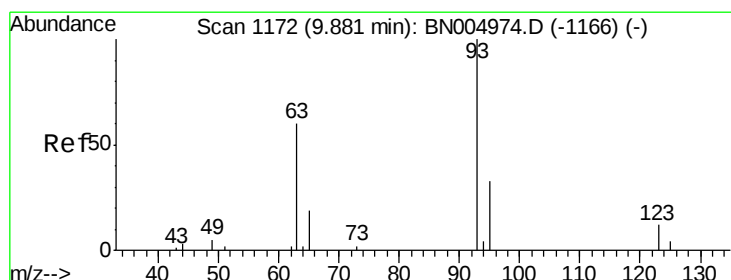
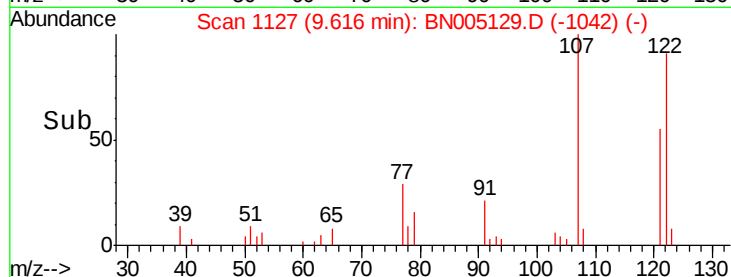
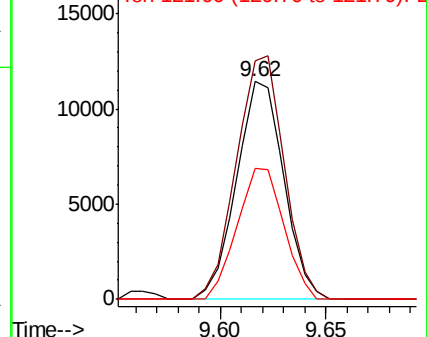
121 60.1 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.303 ng

RT: 9.86 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

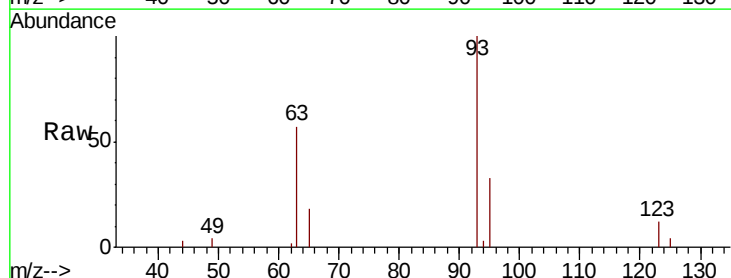
Tgt Ion: 93 Resp: 21686

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

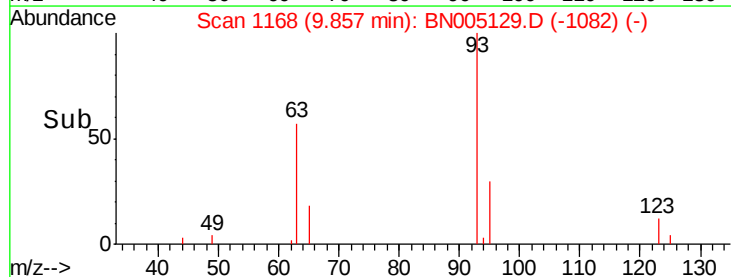
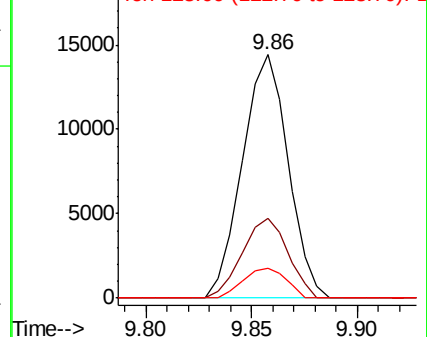
123 12.5 9.8 14.8

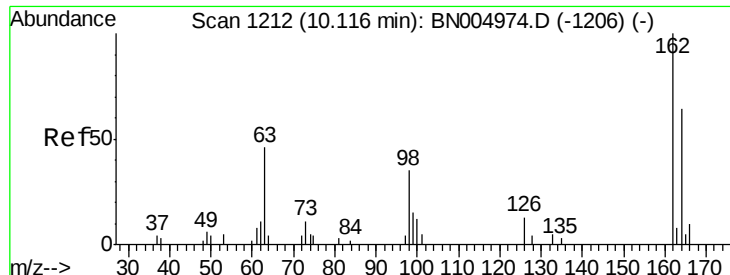


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

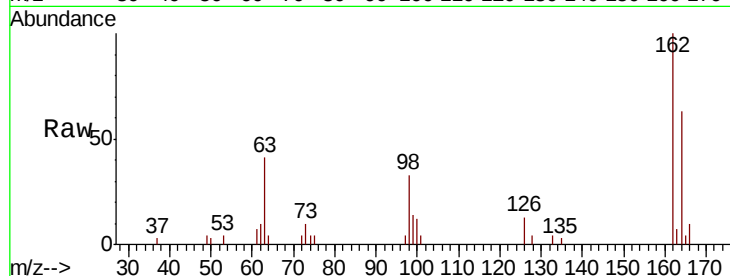




#29
 2,4-Dichlorophenol
 Concen: 37.230 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.3	84.3
98	33.3	15.3	55.3

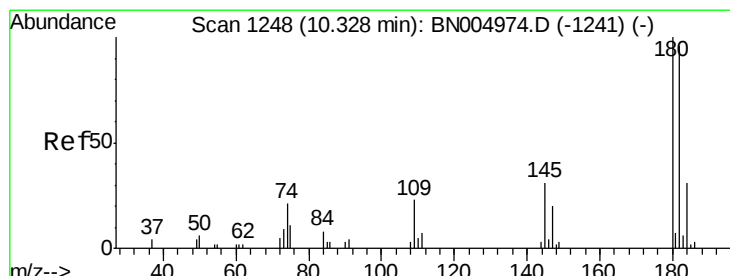
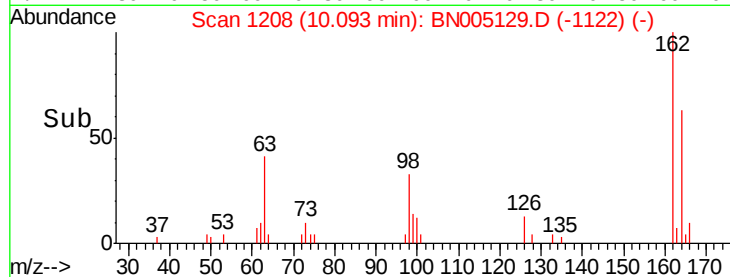
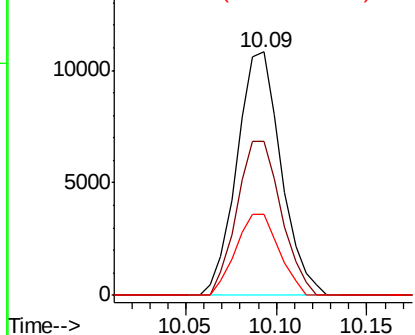


Abundance

Ion 162.00 (161.70 to 162.70): E

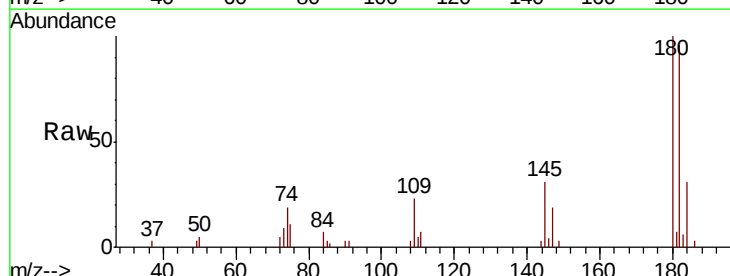
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30
 1,2,4-Trichlorobenzene
 Concen: 37.464 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	30.7	24.6	37.0

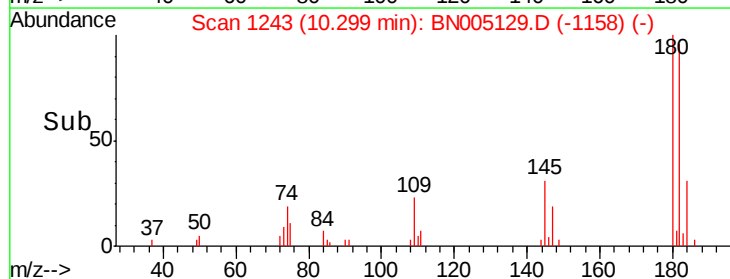
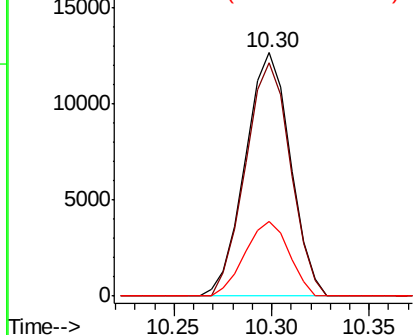


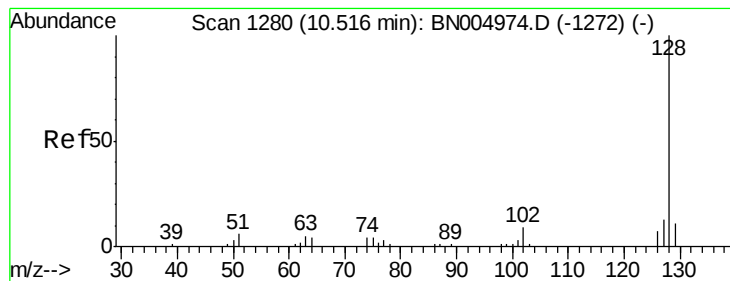
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.291 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

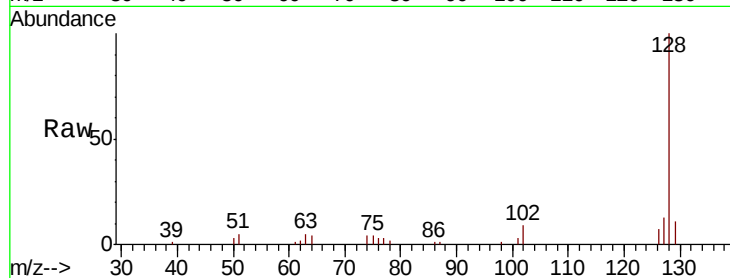
Tot Ion:128 Resp: 59989

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.1 10.8 16.2

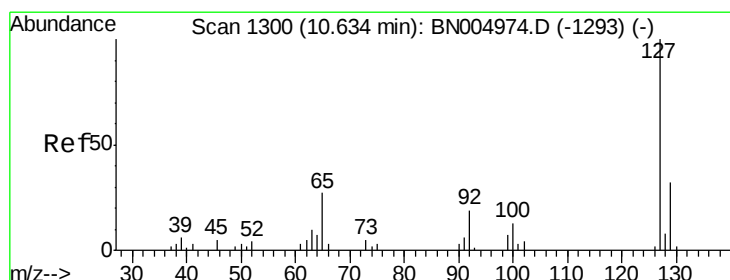
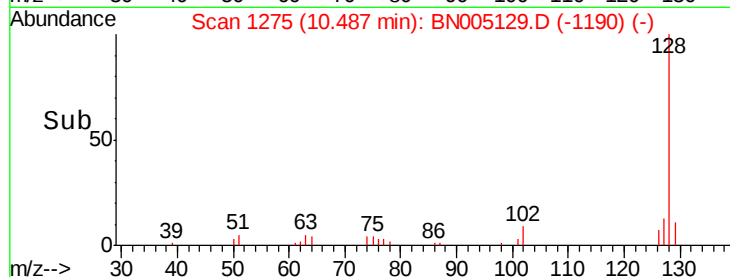
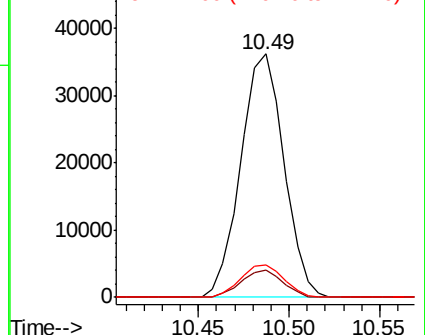


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 12.931 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Tgt Ion:127 Resp: 8697

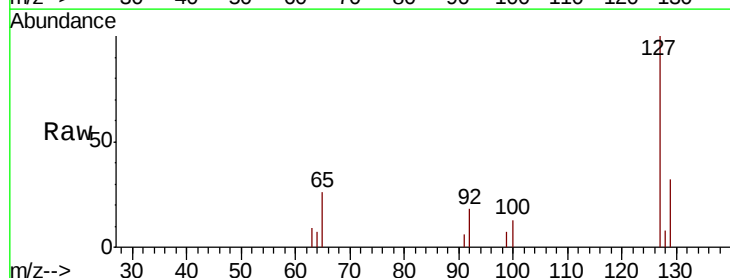
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 25.5 21.4 32.0

92 17.9 15.3 22.9



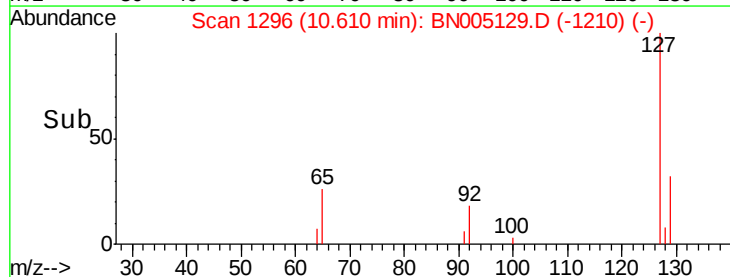
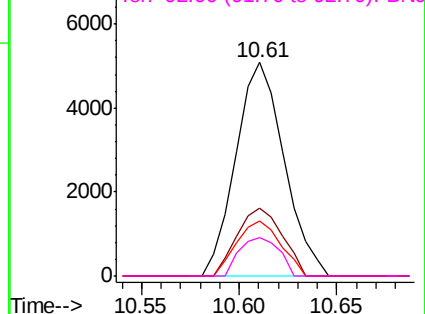
Abundance

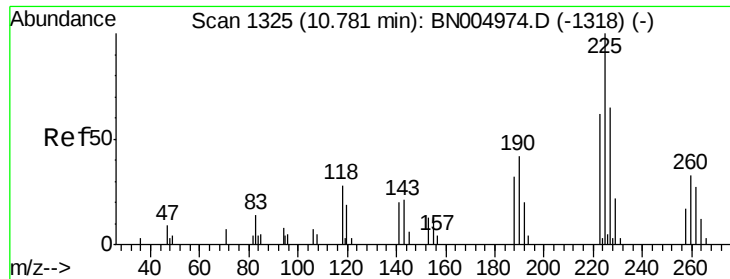
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

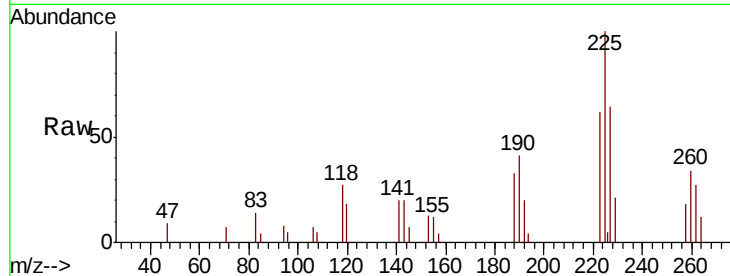




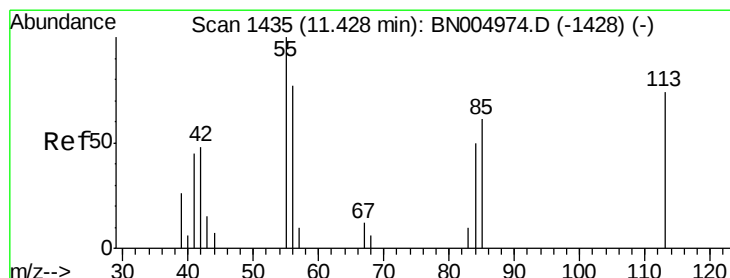
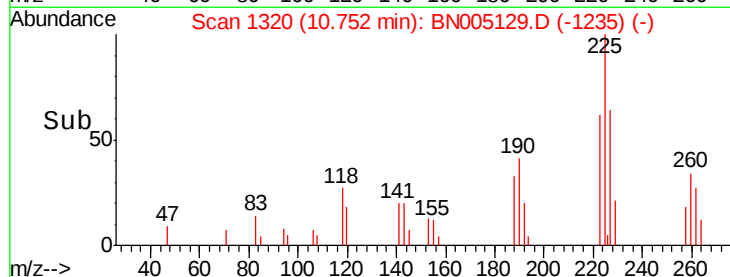
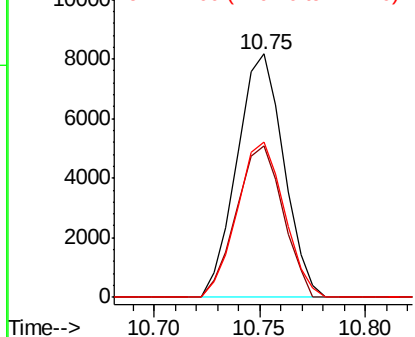
#34
Hexachlorobutadiene
Concen: 35.844 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Tot Ion:225 Resp: 12582
Ion Ratio Lower Upper
225 100
223 62.3 49.7 74.5
227 63.8 52.0 78.0

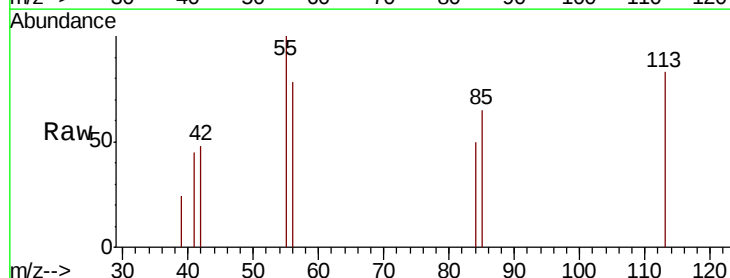


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

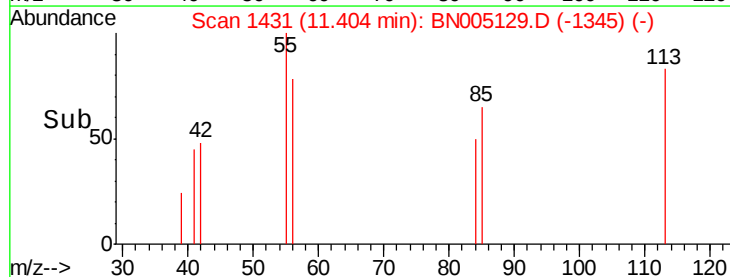
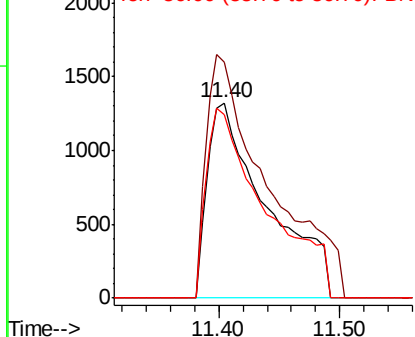


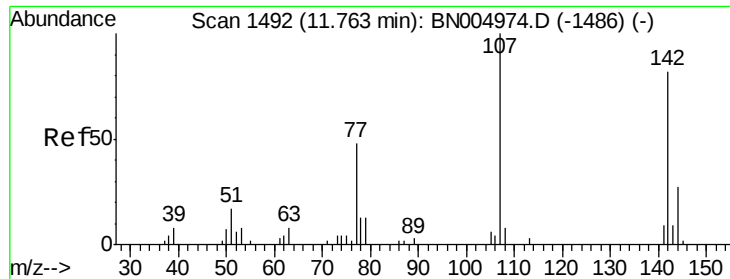
#35
Caprolactam
Concen: 27.862 ng
RT: 11.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:113 Resp: 4493
Ion Ratio Lower Upper
113 100
55 120.5 115.8 155.8
56 94.0 85.1 125.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BNC
Ion 56.00 (55.70 to 56.70): BNC

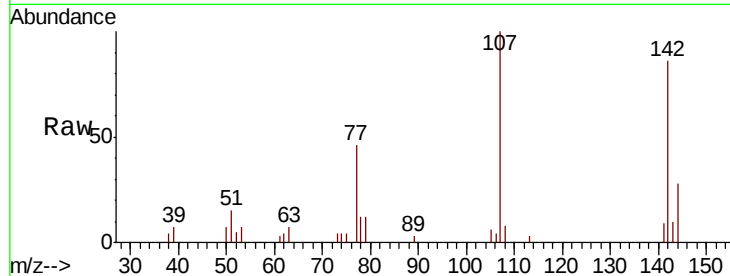




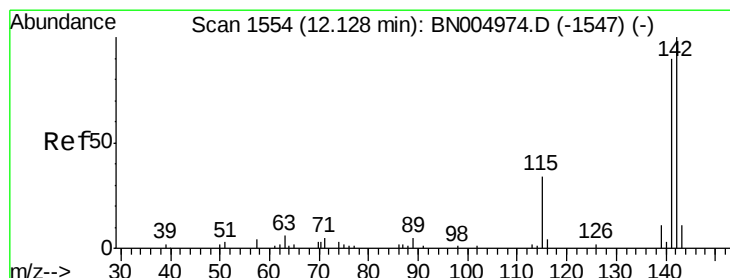
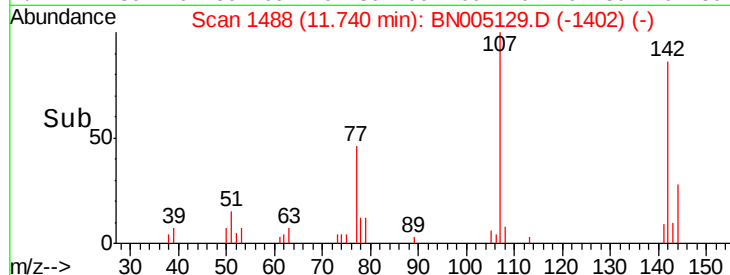
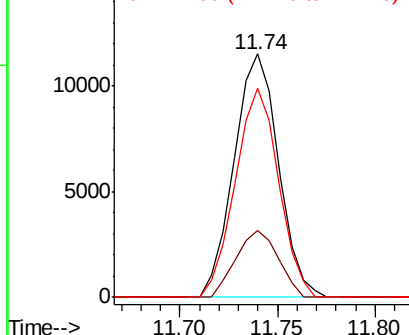
#36
 4-Chloro-3-methylphenol
 Concen: 34.085 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:107 Resp: 18134
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.3 31.9
 142 86.1 65.8 98.8

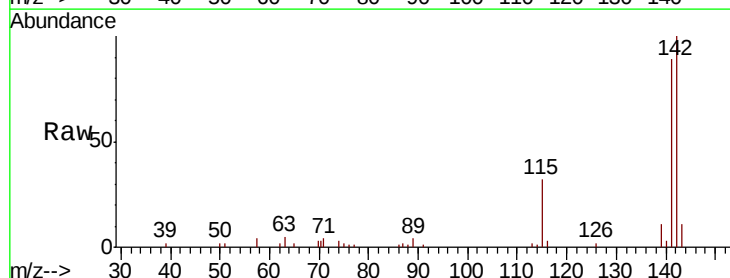


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

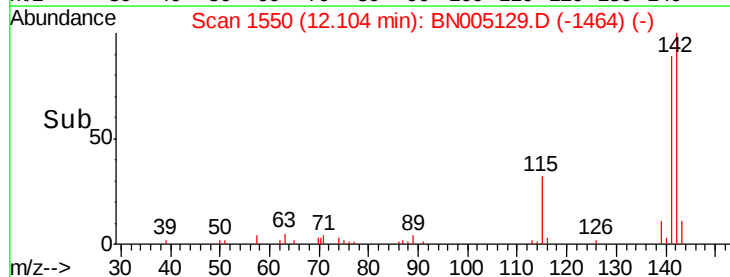
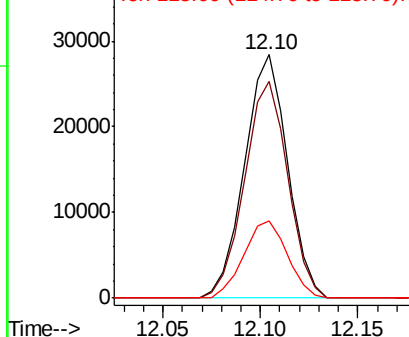


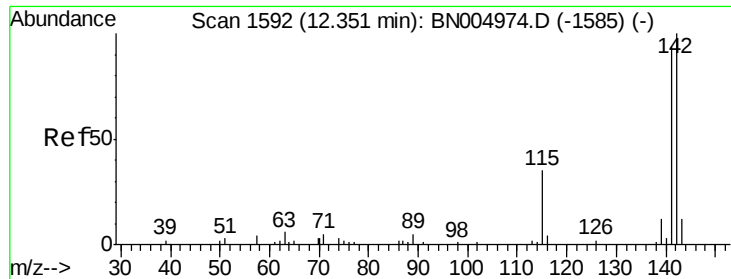
#37
 2-Methylnaphthalene
 Concen: 37.056 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:142 Resp: 43254
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.8 107.8
 115 31.6 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

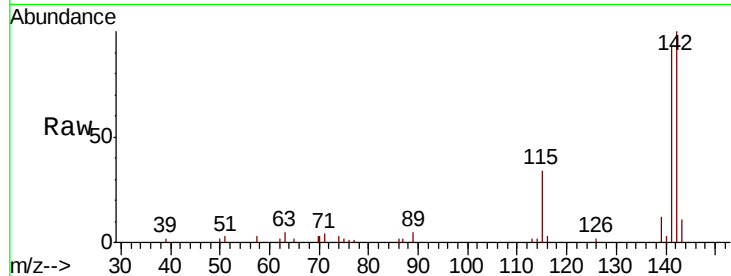




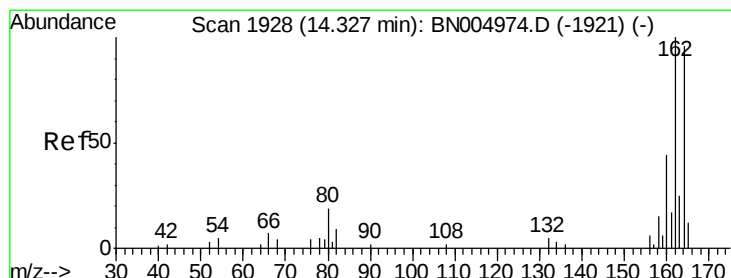
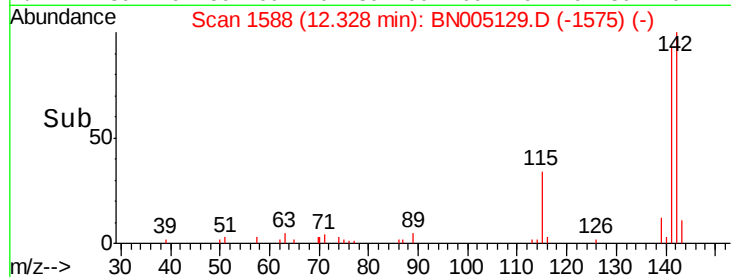
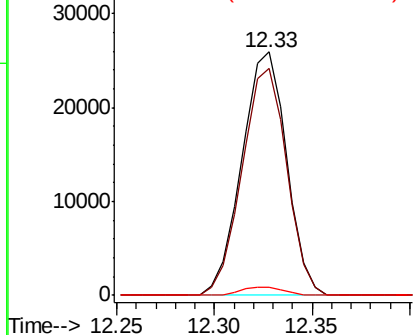
#38
 1-Methylnaphthalene
 Concen: 35.897 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:142 Resp: 41002
 Ion Ratio Lower Upper
 142 100
 141 93.4 74.9 112.3
 116 3.5 3.0 4.4

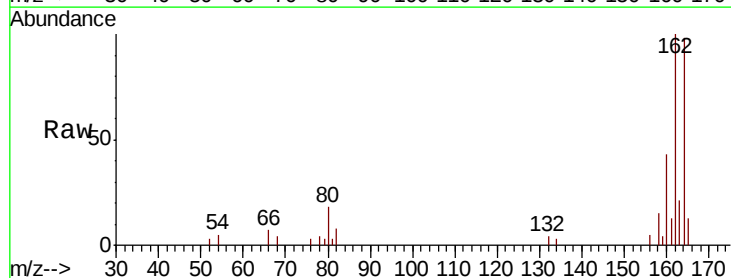


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

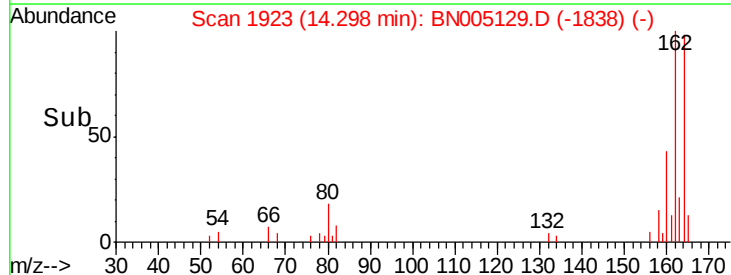
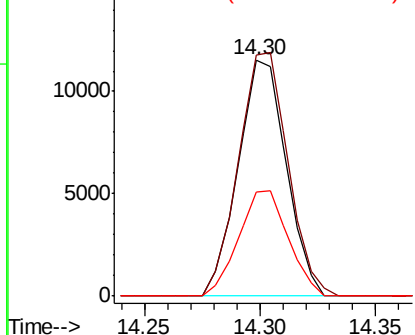


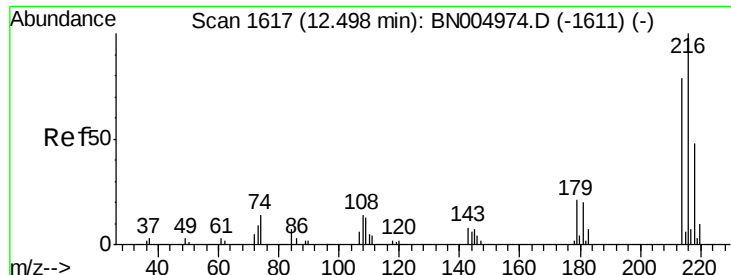
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:164 Resp: 16735
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.4 125.0
 160 44.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

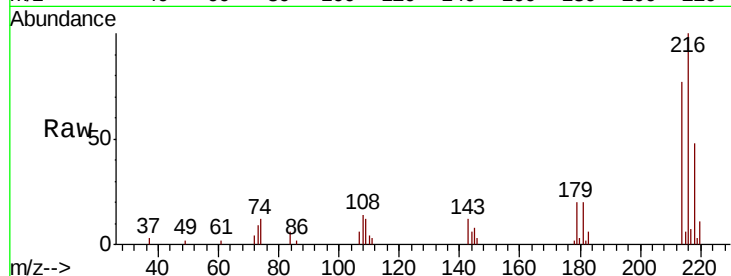




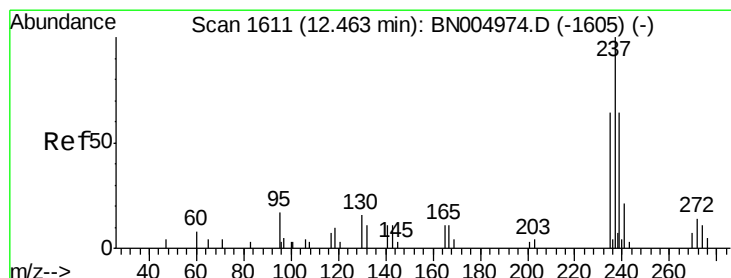
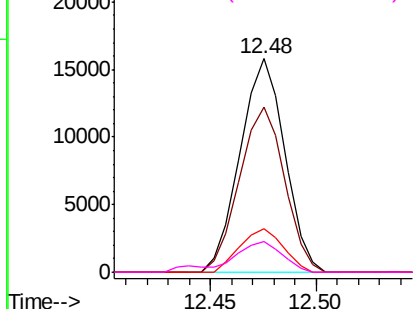
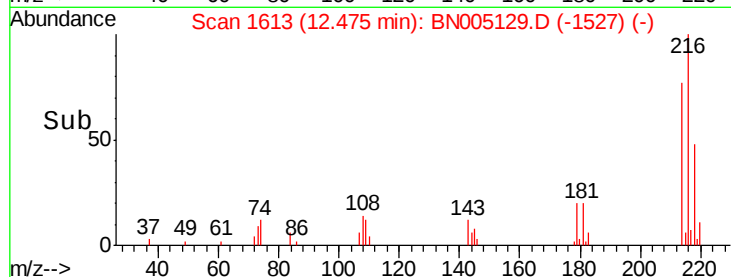
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.079 ng
 RT: 12.48 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:216 Resp: 23196
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.6 94.0
 179 19.9 16.4 24.6
 108 16.6 12.7 19.1

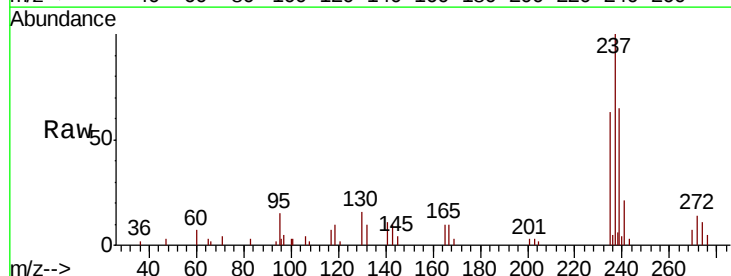


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

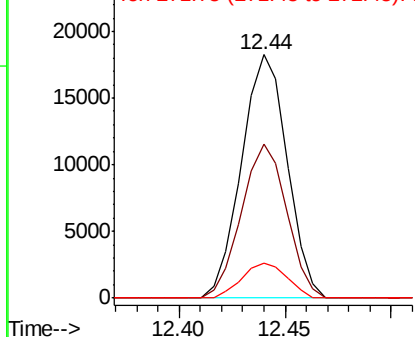
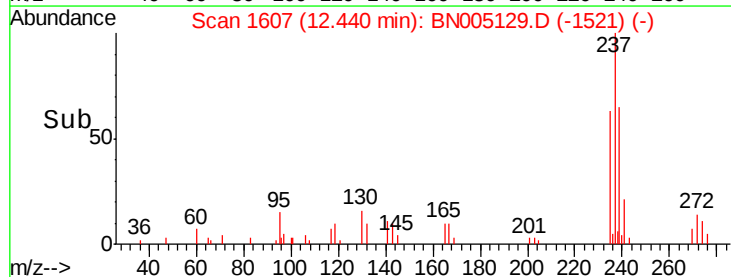


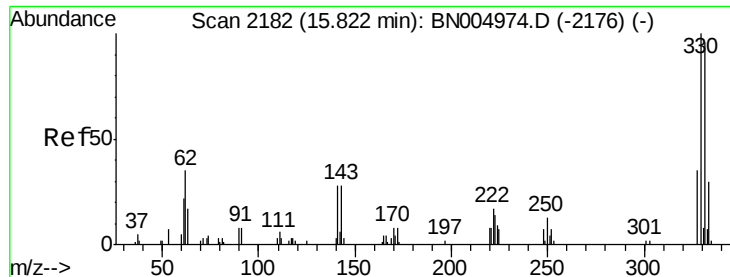
#41
 Hexachlorocyclopentadiene
 Concen: 81.522 ng
 RT: 12.44 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:237 Resp: 27413
 Ion Ratio Lower Upper
 237 100
 235 63.3 43.6 83.6
 272 14.4 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 124.326 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

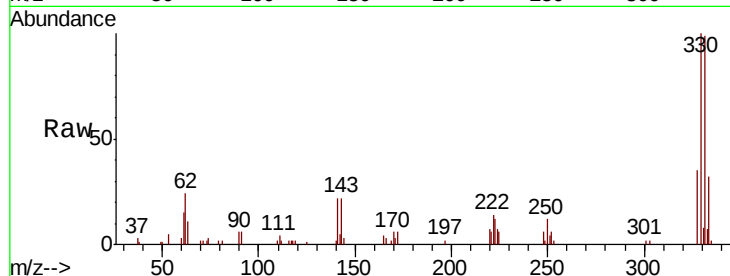
Tot Ion:330 Resp: 33556

Ion Ratio Lower Upper

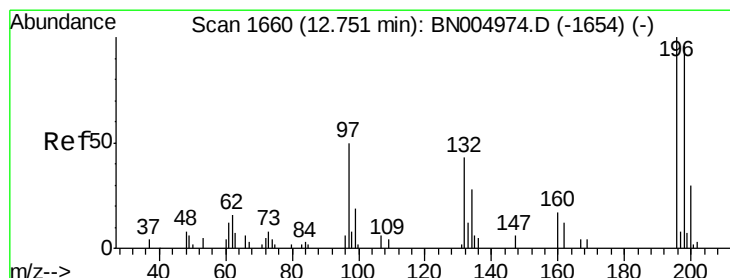
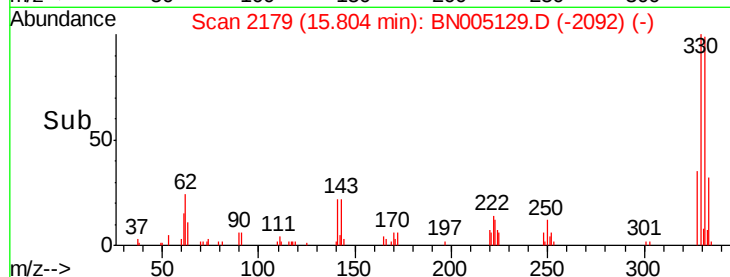
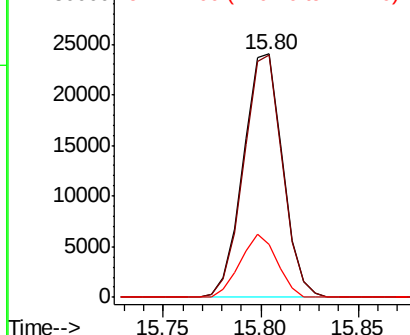
330 100

332 97.7 77.4 116.0

141 24.0 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 38.508 ng

RT: 12.73 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

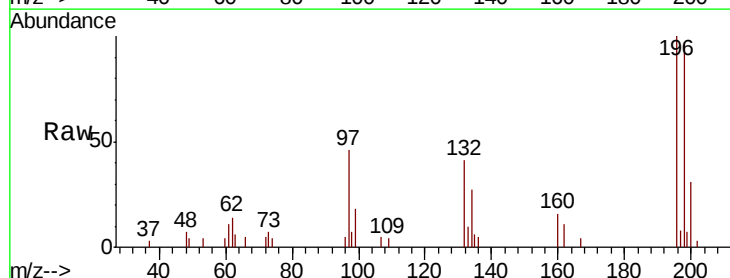
Tgt Ion:196 Resp: 14183

Ion Ratio Lower Upper

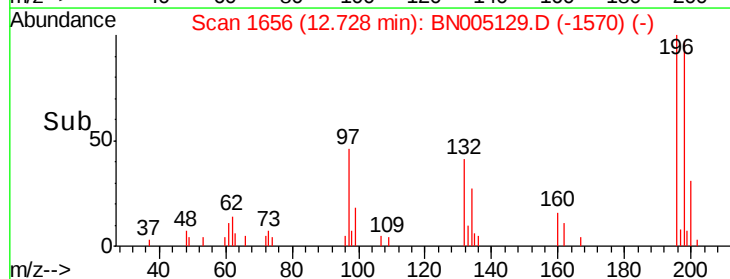
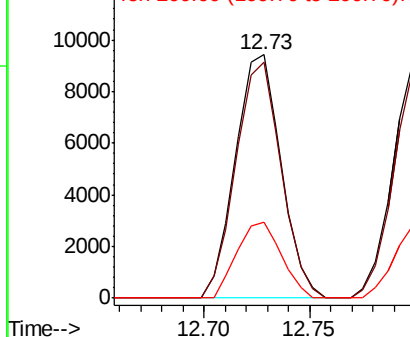
196 100

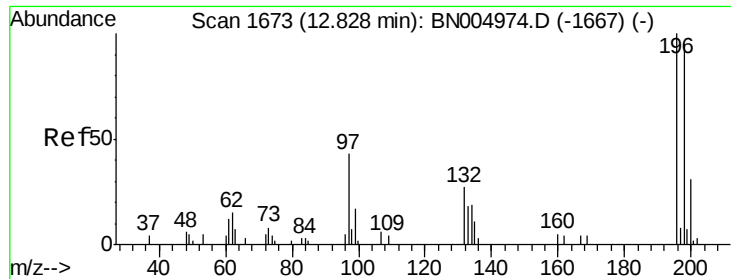
198 97.1 76.5 114.7

200 31.1 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

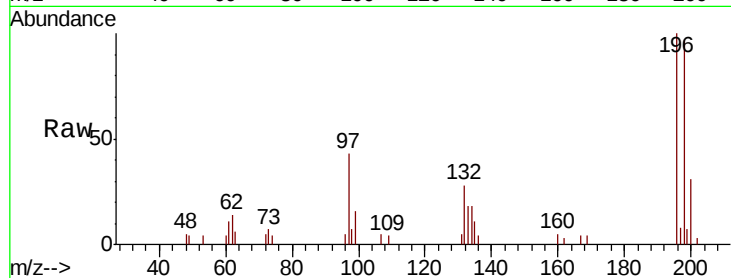




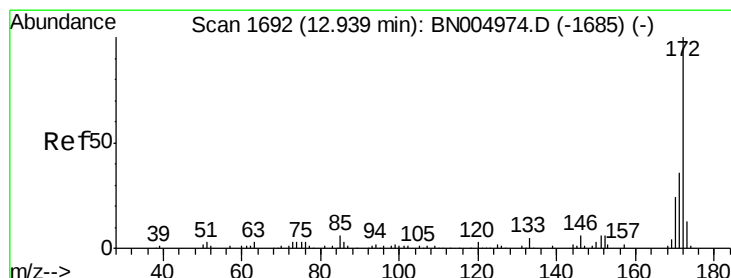
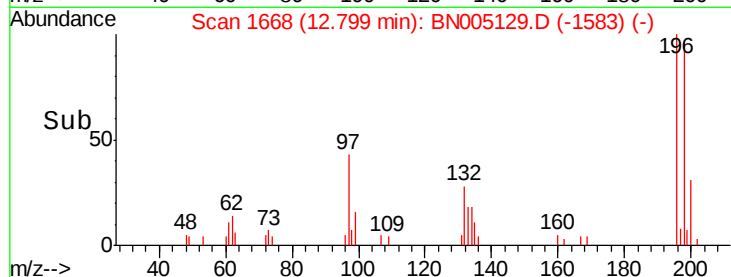
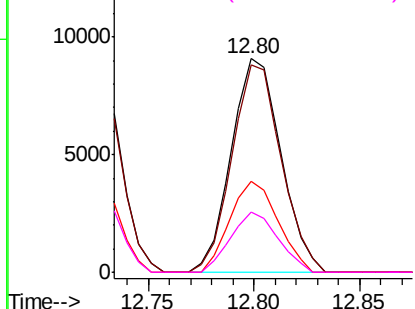
#44
 2,4,5-Trichlorophenol
 Concen: 36.895 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:196 Resp: 14804
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.1 114.1
 97 42.8 34.8 52.2
 132 28.4 21.7 32.5

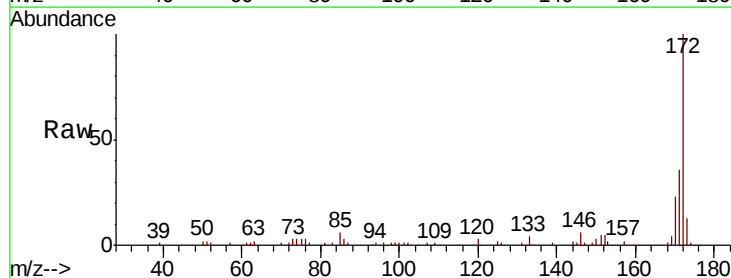


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

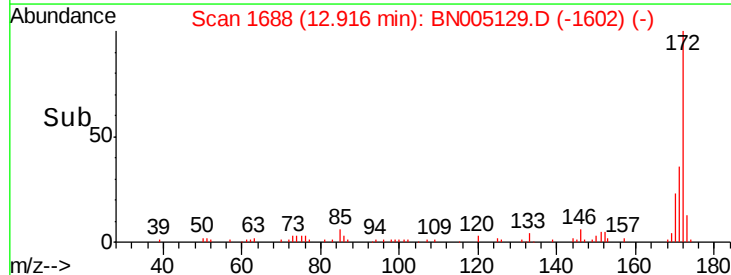
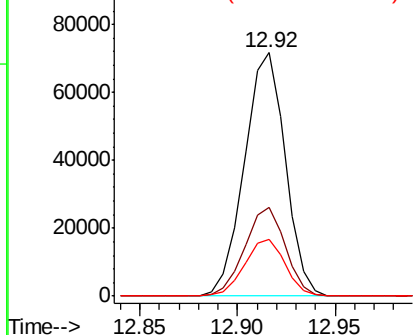


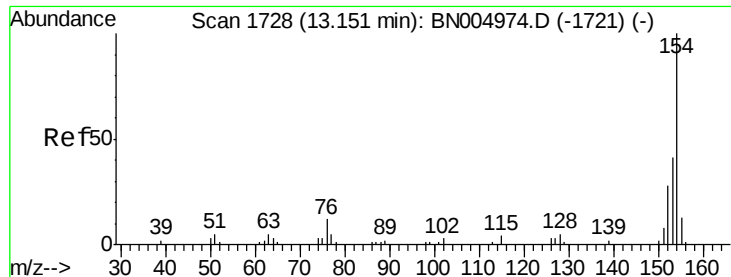
#45
 2-Fluorobiphenyl
 Concen: 82.101 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:172 Resp: 103685
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 23.0 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

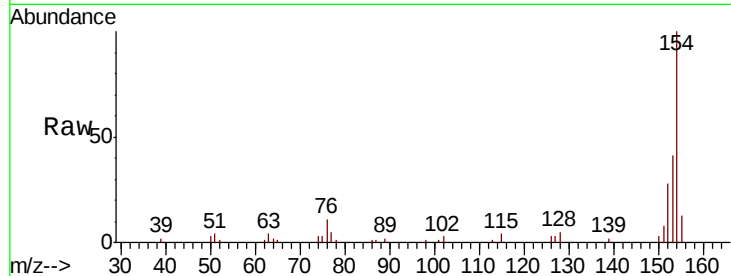




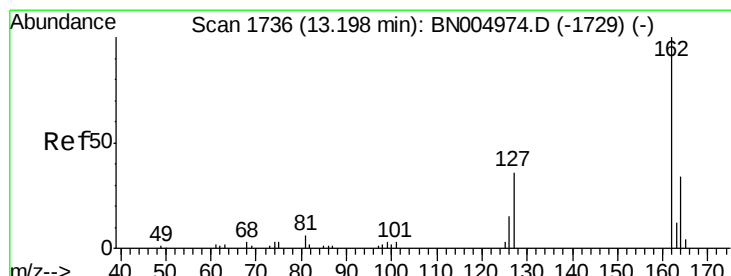
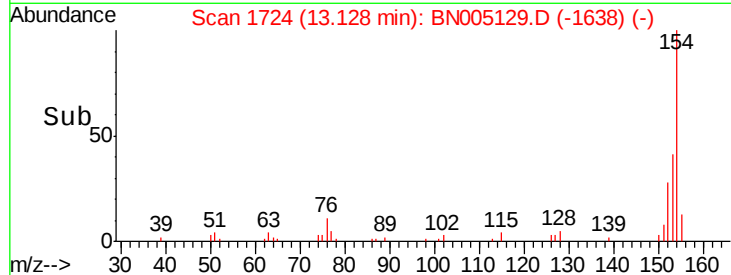
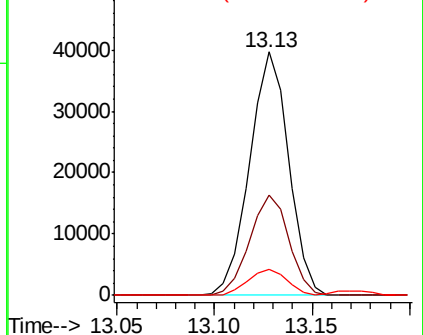
#46
 1,1'-Biphenyl
 Concen: 38.734 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:154 Resp: 54862
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 10.9 0.0 32.2

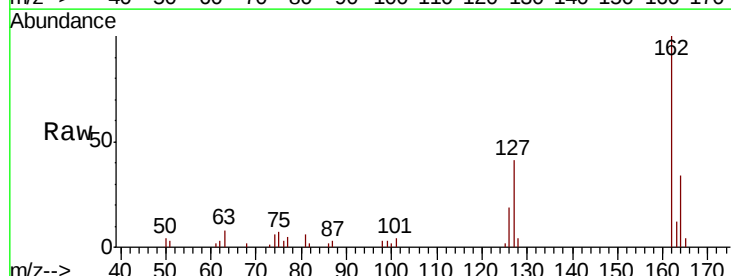


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

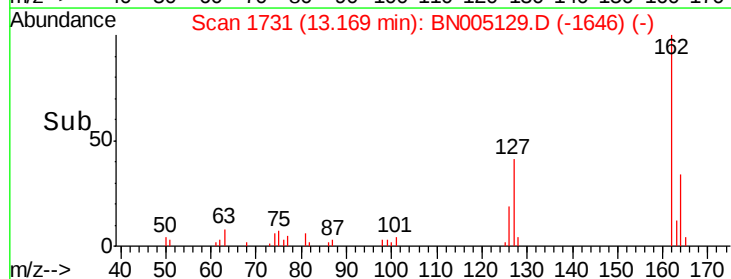
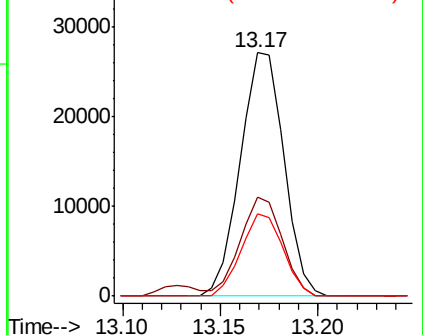


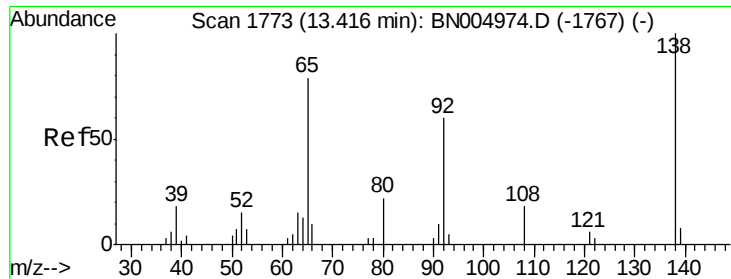
#47
 2-Chloronaphthalene
 Concen: 38.786 ng
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:162 Resp: 42157
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.4 48.6
 164 33.9 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

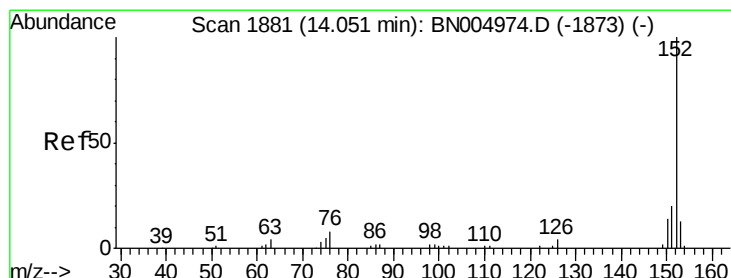
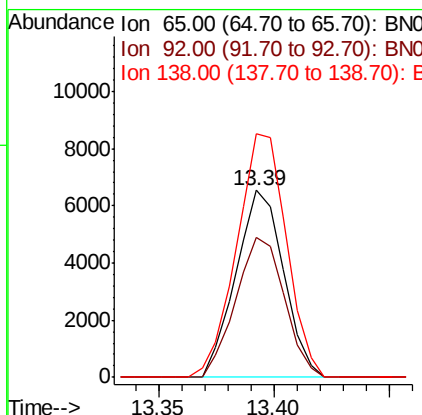
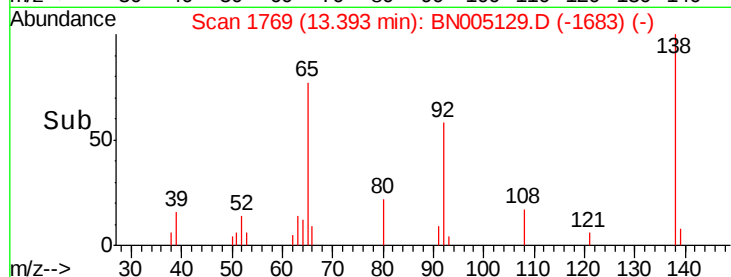
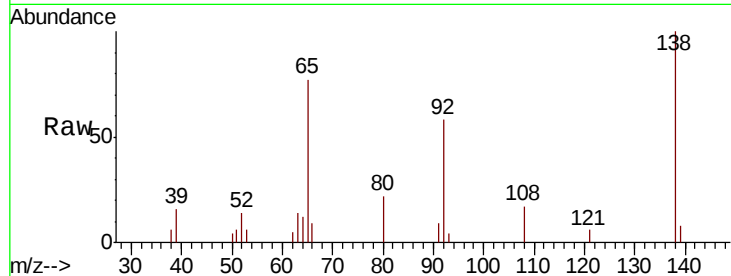




#48
 2-Nitroaniline
 Concen: 32.589 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

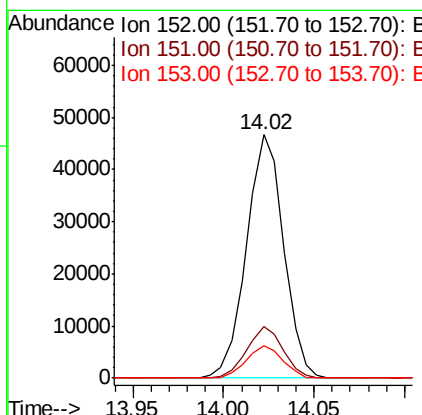
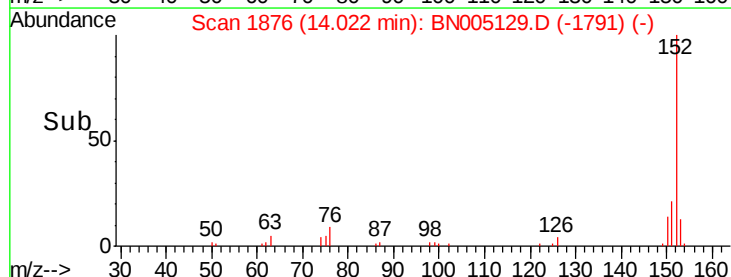
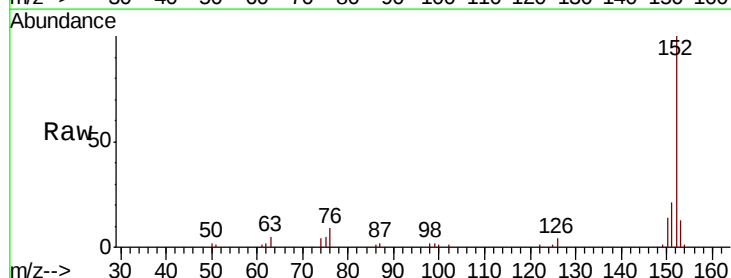
Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

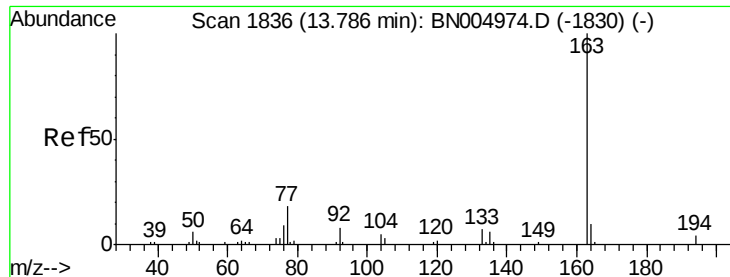
Tot Ion: 65 Resp: 9429
 Ion Ratio Lower Upper
 65 100
 92 74.9 60.2 90.4
 138 130.1 101.1 151.7



#49
 Acenaphthylene
 Concen: 36.429 ng
 RT: 14.02 min Scan# 1876
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion: 152 Resp: 66597
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.2 24.2
 153 13.3 10.3 15.5





#50

Dimethylphthalate

Concen: 44.263 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampled :

TP-7-SMSD

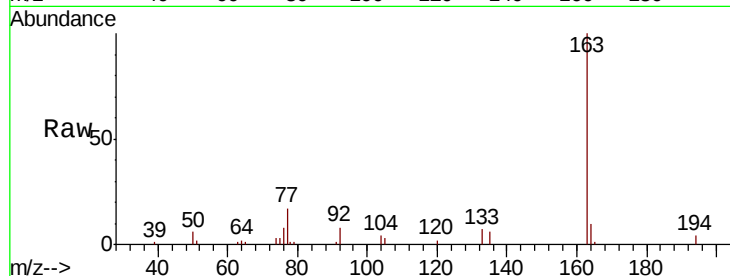
Tot Ion:163 Resp: 60858

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

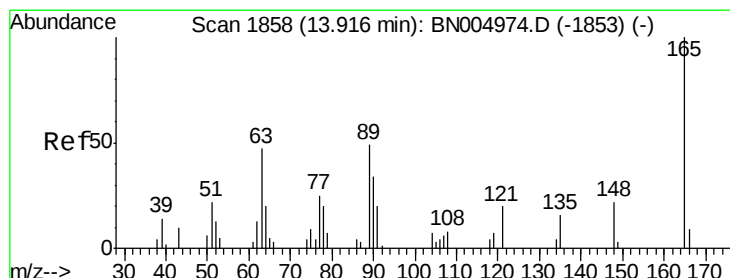
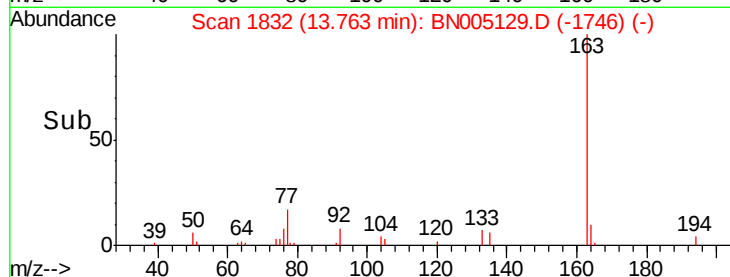
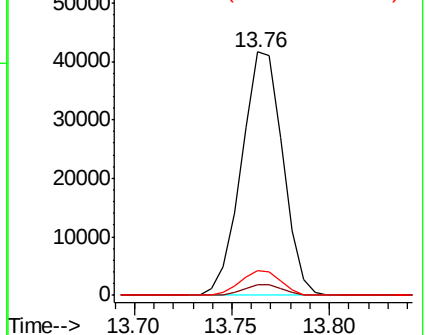
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 36.317 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

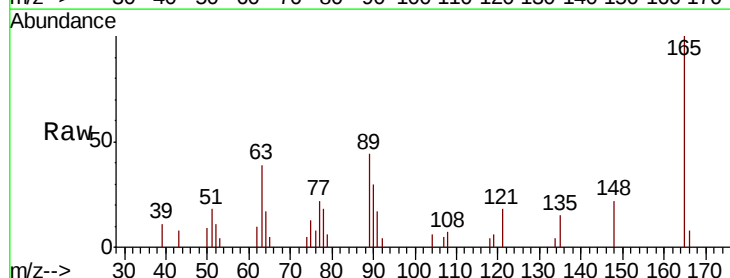
Tgt Ion:165 Resp: 11362

Ion Ratio Lower Upper

165 100

63 38.6 37.3 55.9

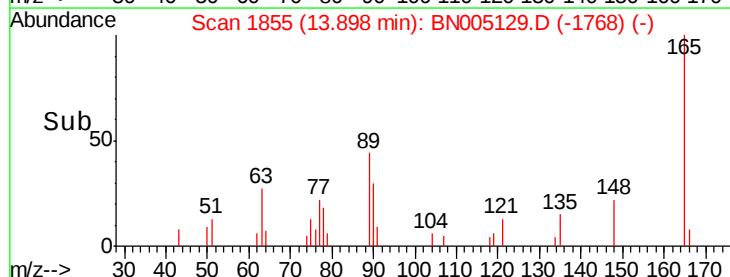
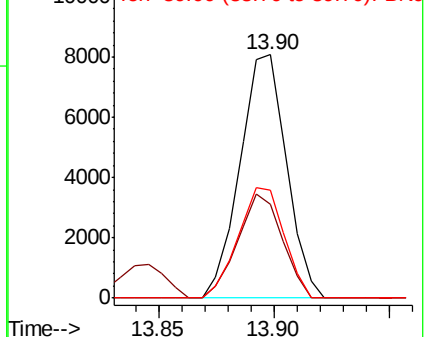
89 44.3 39.2 58.8

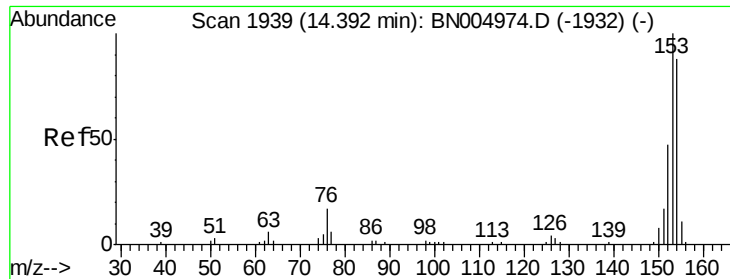


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#52

Acenaphthene

Concen: 37.790 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

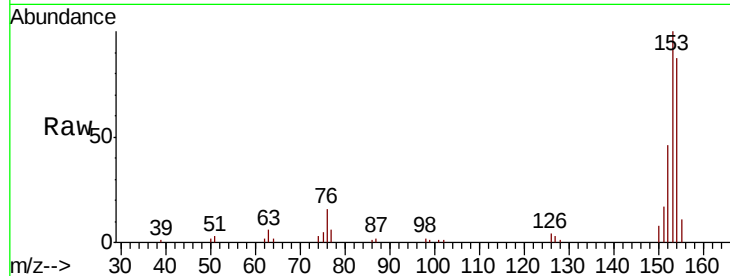
Tot Ion:154 Resp: 38862

Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.4

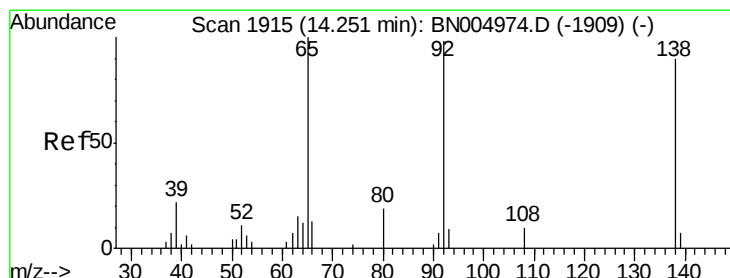
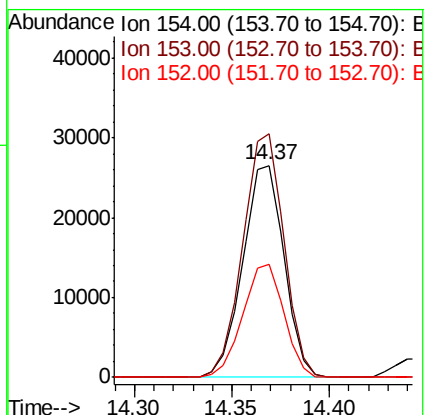
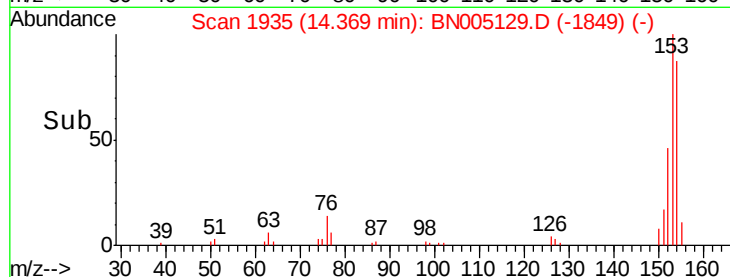
152 53.3 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 20.318 ng

RT: 14.23 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

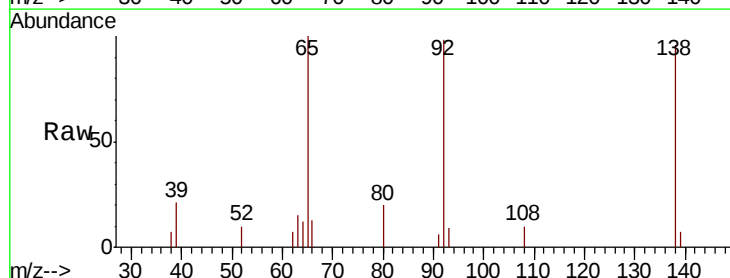
Tgt Ion:138 Resp: 6497

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

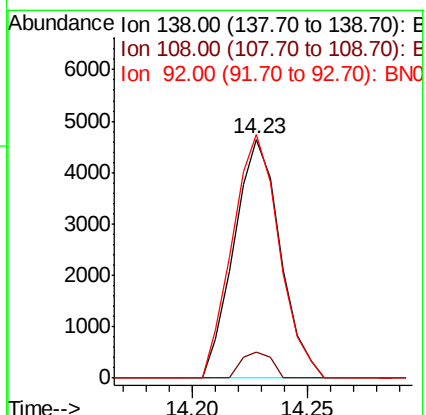
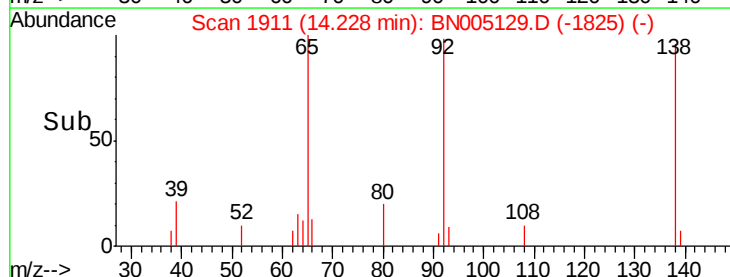
92 102.0 86.9 130.3

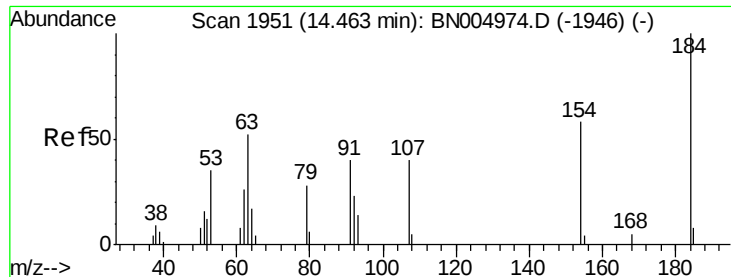


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

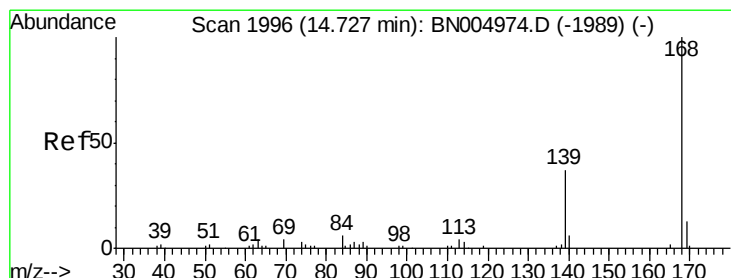
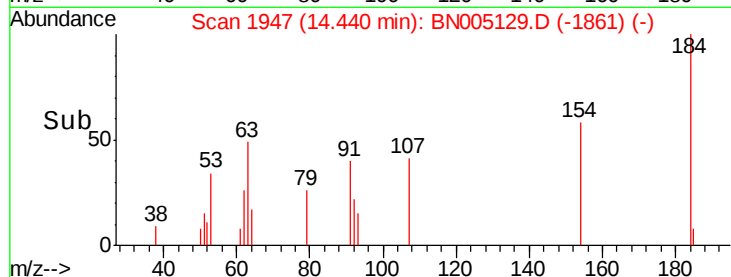
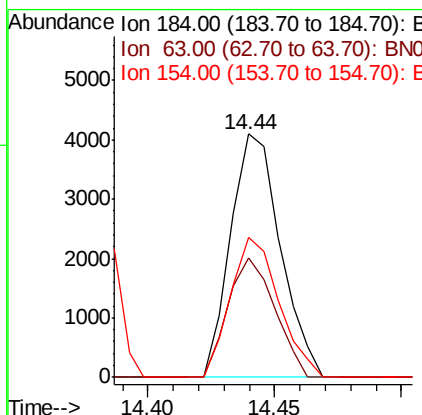
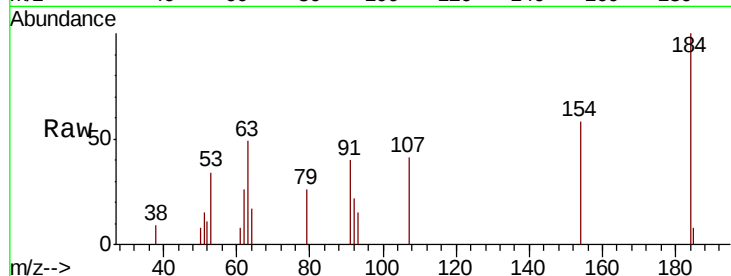




#54
 2,4-Dinitrophenol
 Concen: 34.516 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

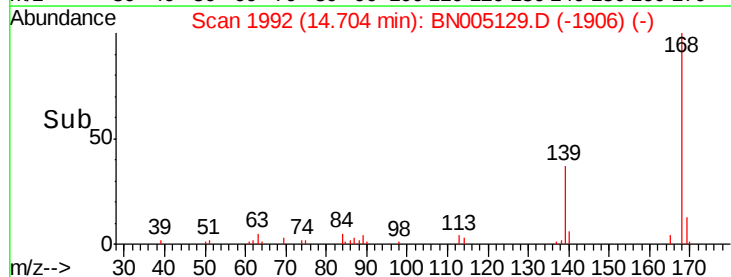
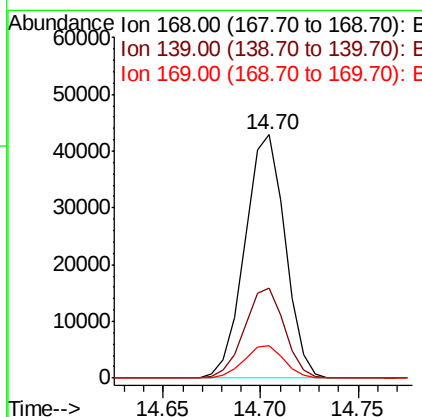
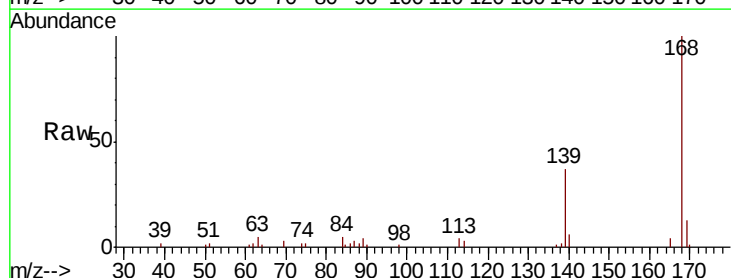
Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

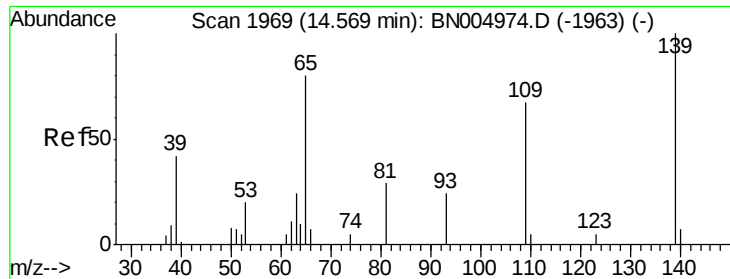
Tot Ion:184 Resp: 5600
 Ion Ratio Lower Upper
 184 100
 63 49.1 41.6 62.4
 154 57.6 46.8 70.2



#55
 Dibenzofuran
 Concen: 37.379 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:168 Resp: 61166
 Ion Ratio Lower Upper
 168 100
 139 37.0 29.9 44.9
 169 13.4 10.6 15.8

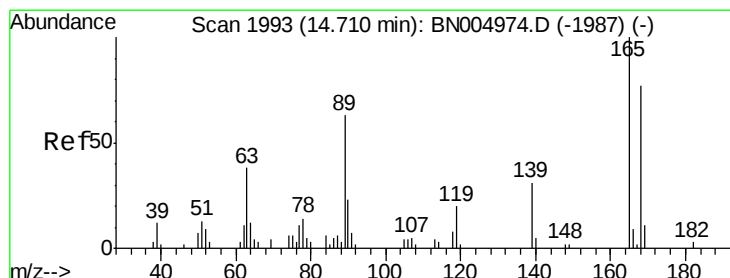
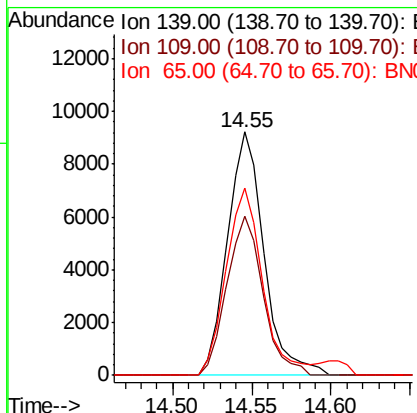
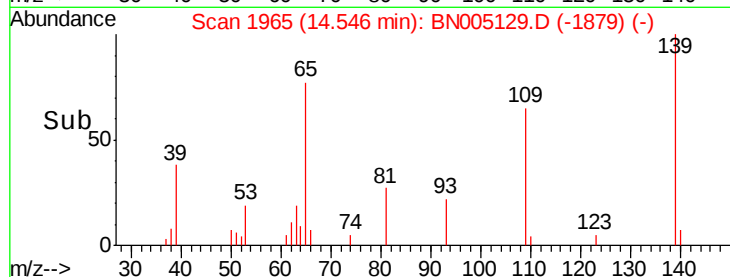
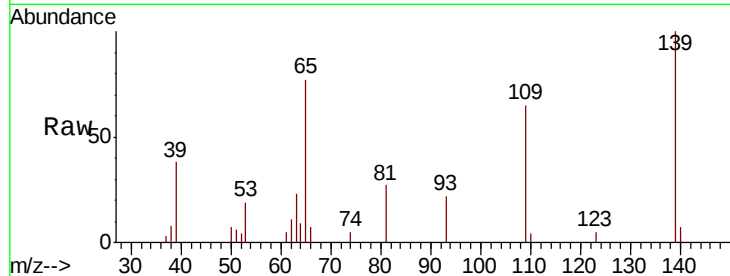




#56
 4-Nitrophenol
 Concen: 58.515 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

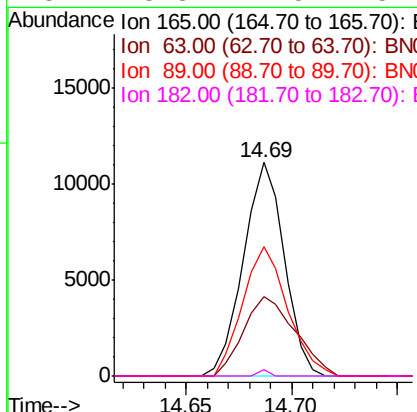
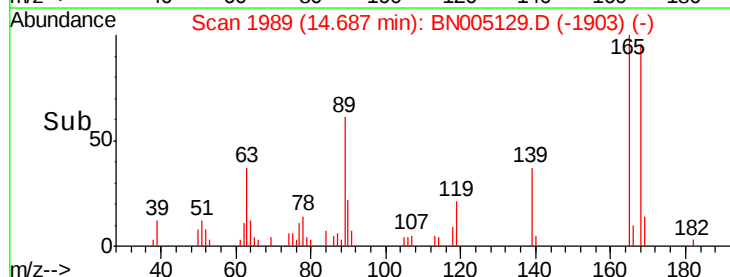
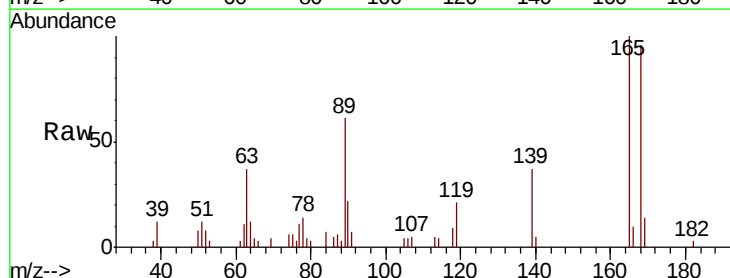
Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

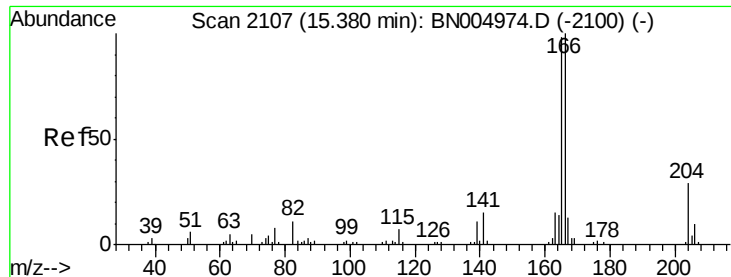
Tot Ion:	139	Resp:	14740
Ion	Ratio	Lower	Upper
139	100		
109	65.4	46.5	86.5
65	77.1	59.5	99.5



#57
 2,4-Dinitrotoluene
 Concen: 35.152 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:	165	Resp:	14946
Ion	Ratio	Lower	Upper
165	100		
63	37.2	30.4	45.6
89	60.8	50.7	76.1
182	3.3	2.5	3.7





#58

Fluorene

Concen: 36.912 ng

RT: 15.35 min Scan# 2102

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

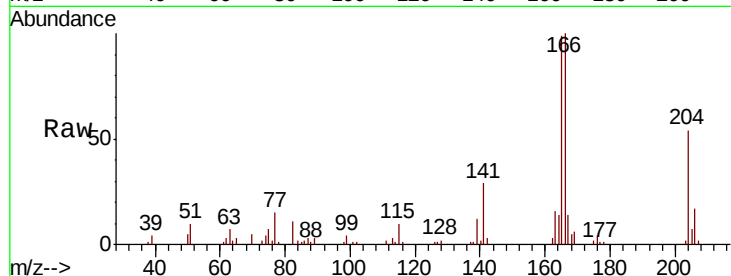
Tot Ion:166 Resp: 48794

Ion Ratio Lower Upper

166 100

165 99.0 78.3 117.5

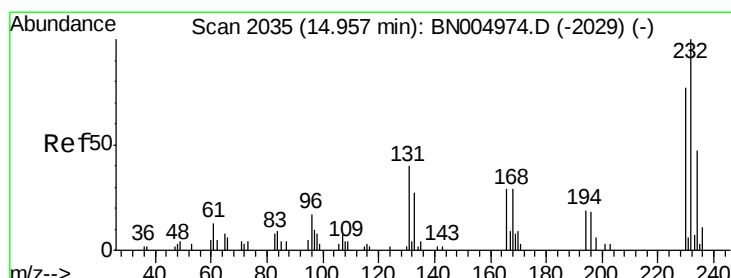
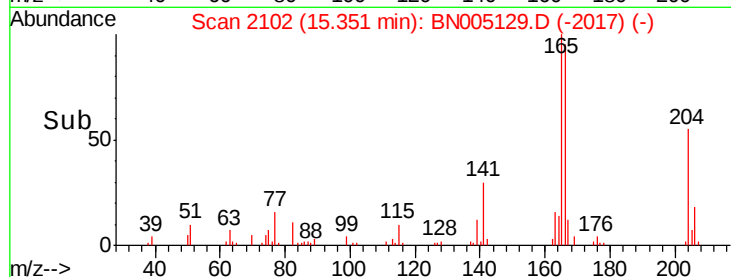
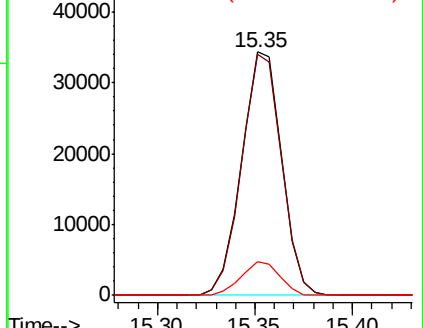
167 13.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 37.303 ng

RT: 14.93 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Tgt Ion:232 Resp: 13878

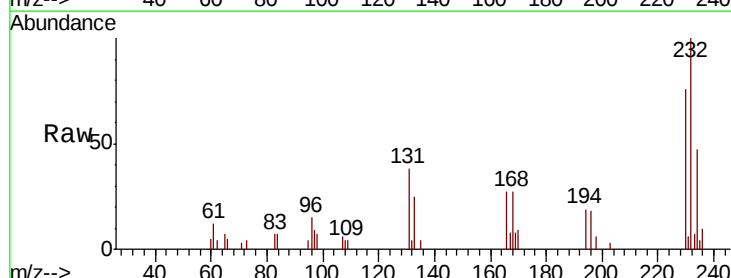
Ion Ratio Lower Upper

232 100

131 38.0 32.4 48.6

130 0.0 0.9 1.3#

166 27.2 22.6 34.0

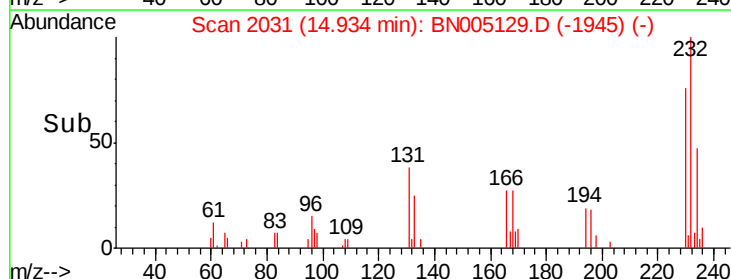
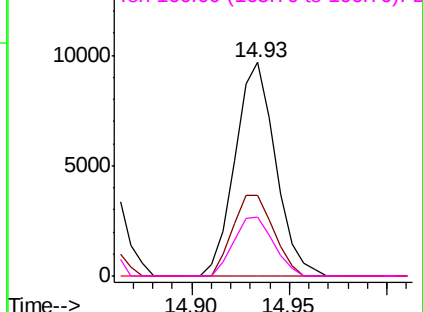


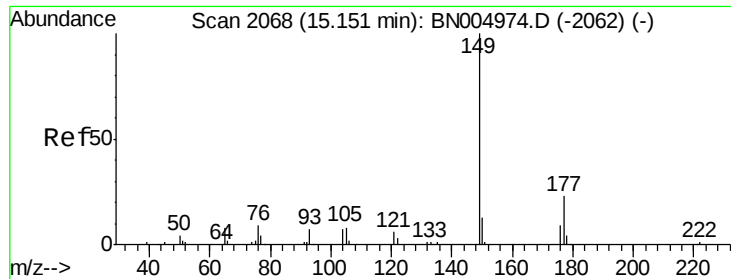
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

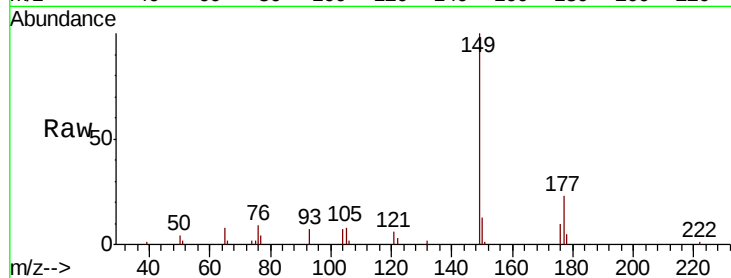




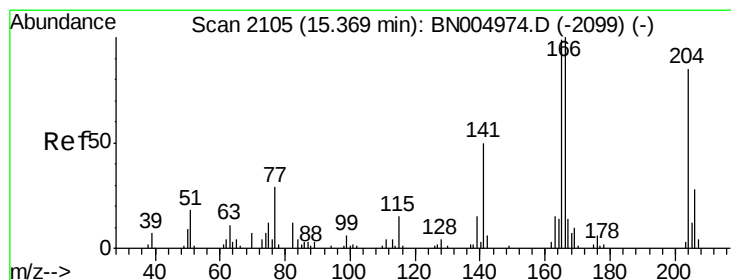
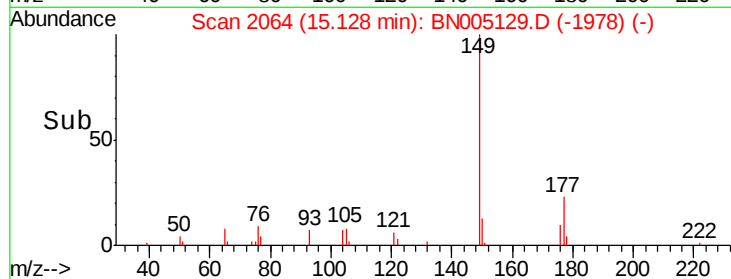
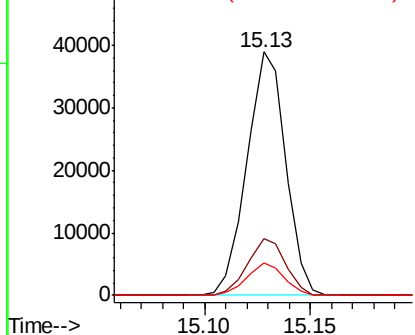
#60
Diethylphthalate
Concen: 36.221 ng
RT: 15.13 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampled :
TP-7-SMSD

Tot Ion:149 Resp: 49695
Ion Ratio Lower Upper
149 100
177 23.1 18.1 27.1
150 13.1 10.1 15.1

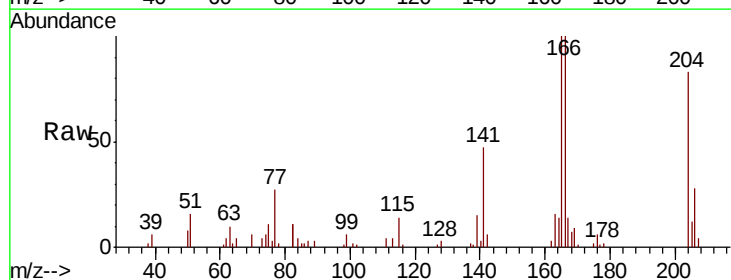


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

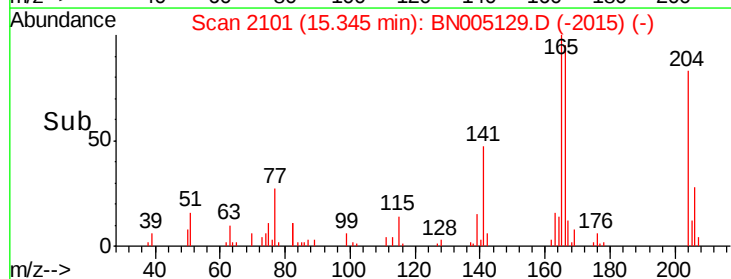
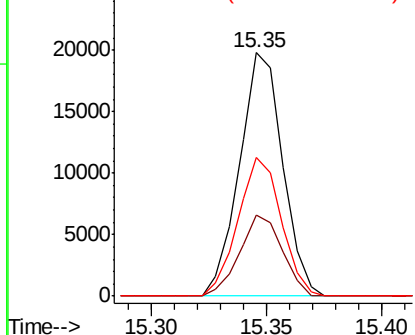


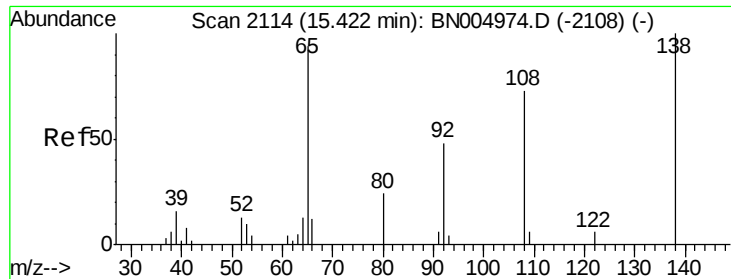
#61
4-Chlorophenyl-phenylether
Concen: 37.924 ng
RT: 15.35 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:204 Resp: 25862
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 57.0 47.2 70.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

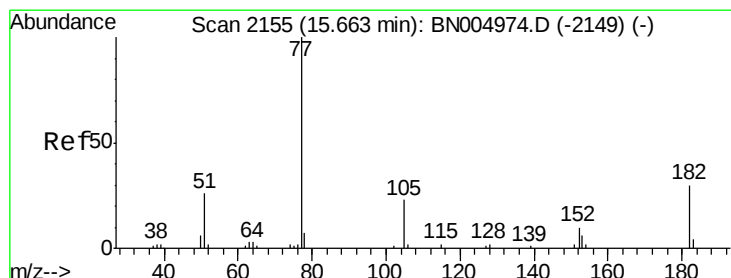
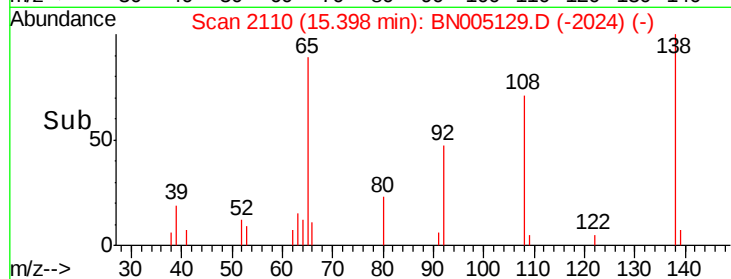
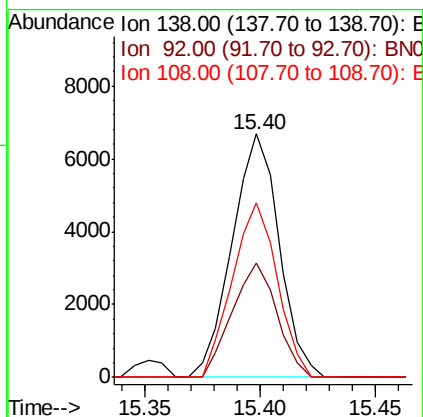
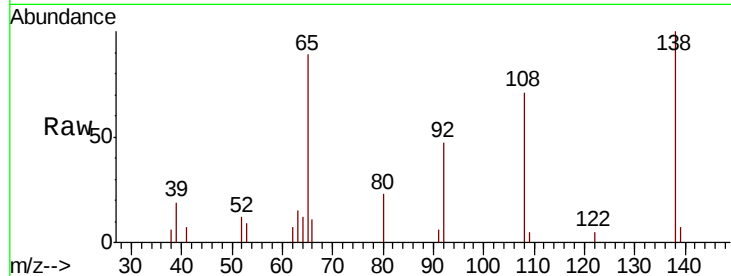




#62
4-Nitroaniline
Concen: 29.576 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

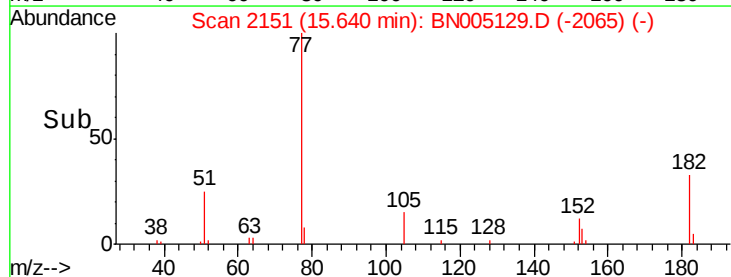
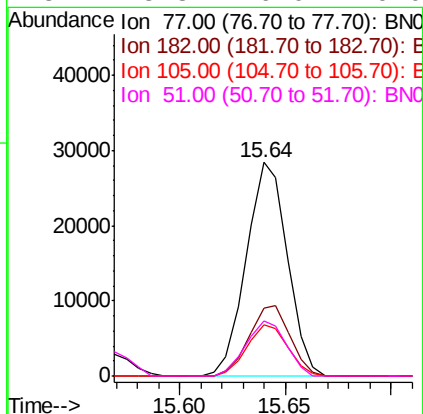
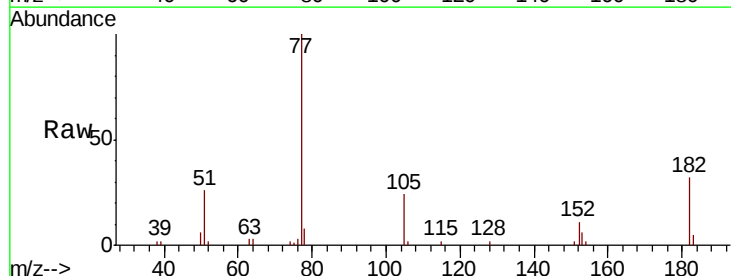
Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

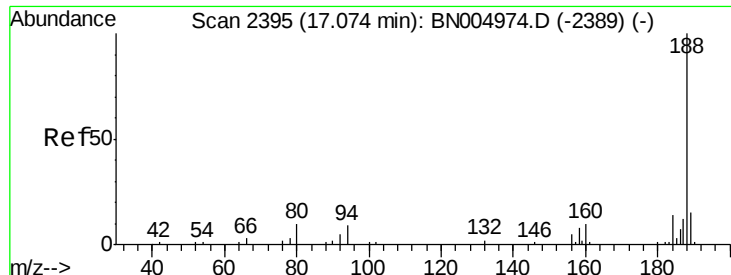
Tot Ion:138 Resp: 9502
Ion Ratio Lower Upper
138 100
92 46.8 26.4 66.4
108 71.5 50.8 90.8



#63
Azobenzene
Concen: 33.648 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion: 77 Resp: 38429
Ion Ratio Lower Upper
77 100
182 32.0 10.0 50.0
105 24.1 2.9 42.9
51 25.8 6.0 46.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

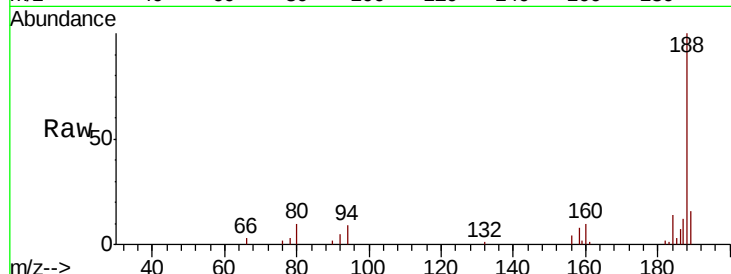
Tot Ion:188 Resp: 34242

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

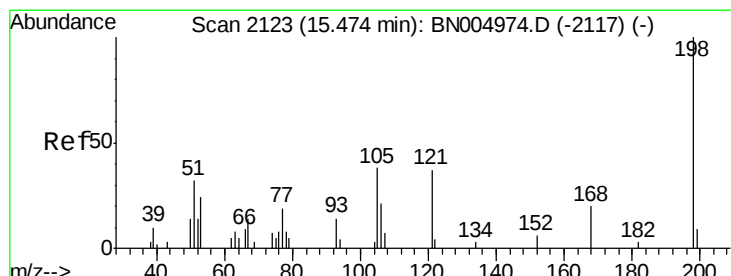
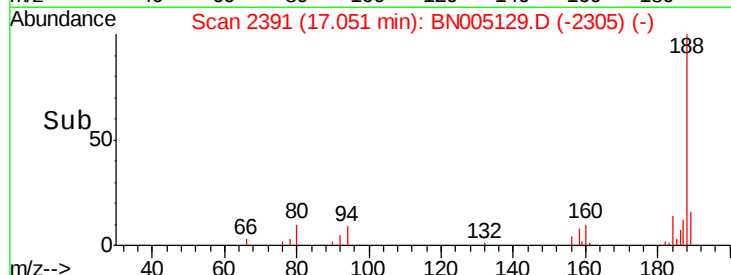
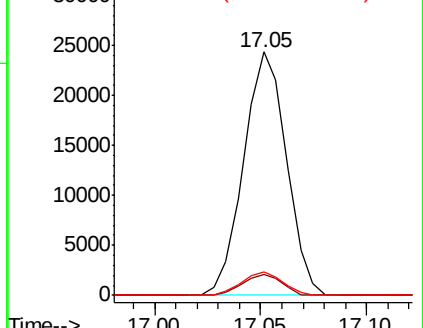
80 9.8 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#65

4,6-Dinitro-2-methylphenol

Concen: 31.167 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

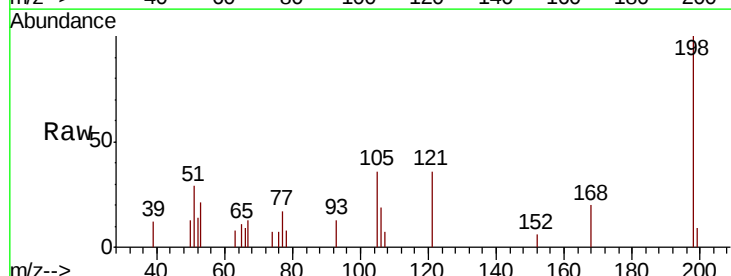
Tgt Ion:198 Resp: 6902

Ion Ratio Lower Upper

198 100

51 28.9 12.0 52.0

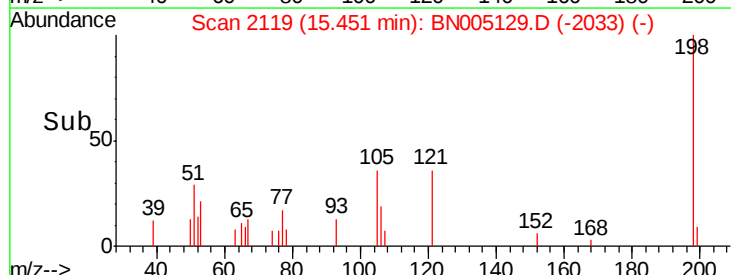
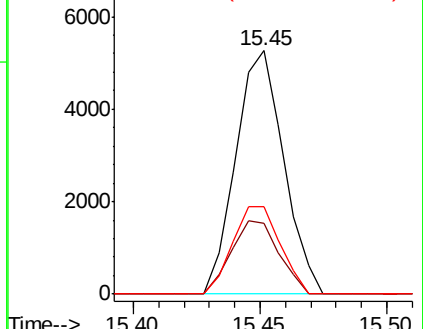
105 36.1 17.6 57.6

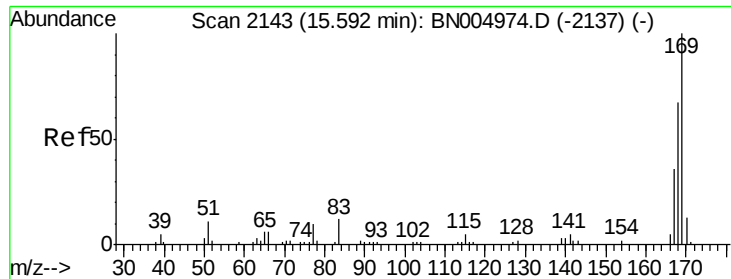


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

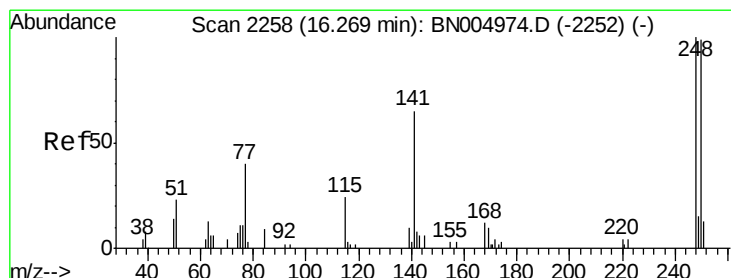
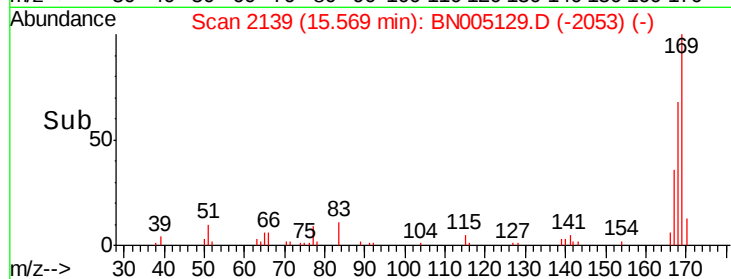
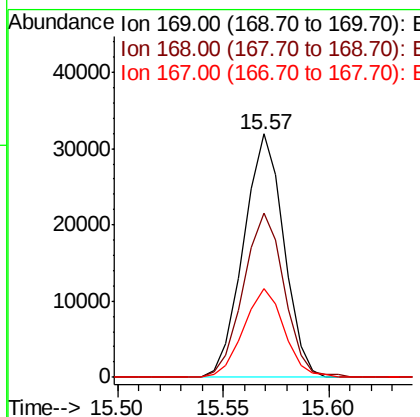
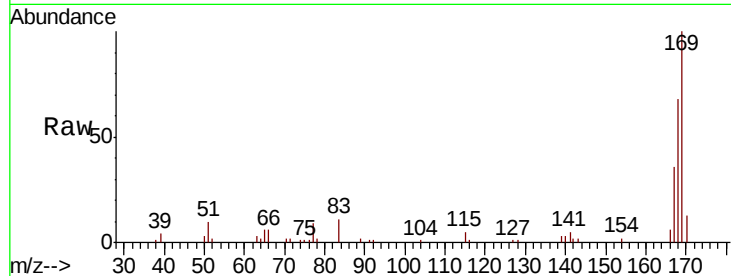




#66
 n-Nitrosodiphenylamine
 Concen: 39.163 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

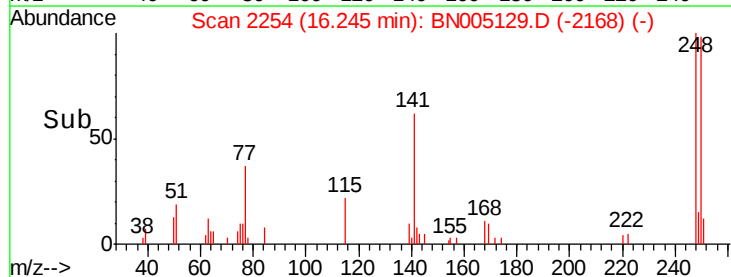
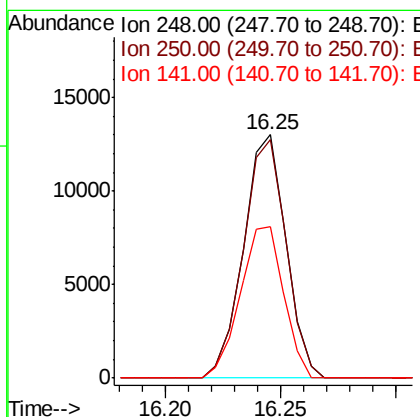
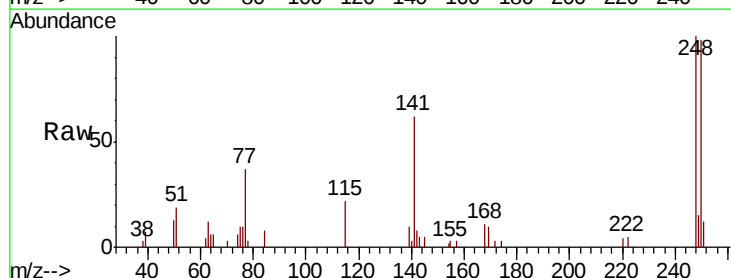
Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

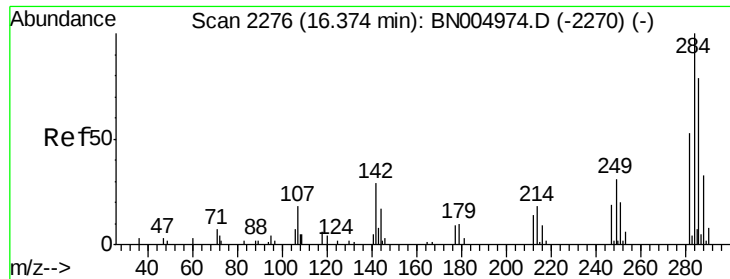
Tot Ion:169 Resp: 42242
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.4 80.2
 167 36.2 28.9 43.3



#67
 4-Bromophenyl-phenylether
 Concen: 39.080 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:248 Resp: 16699
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.4 119.2
 141 62.3 52.3 78.5





#68

Hexachlorobenzene

Concen: 40.052 ng

RT: 16.35 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

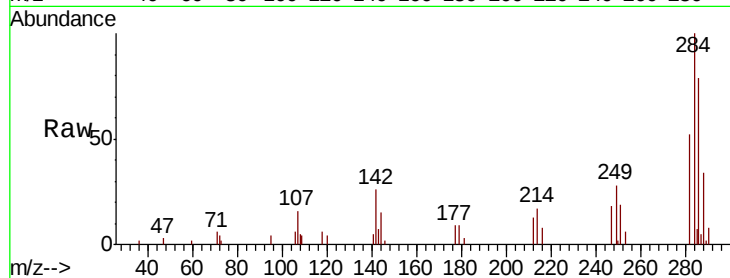
Tot Ion:284 Resp: 20051

Ion Ratio Lower Upper

284 100

142 26.2 23.5 35.3

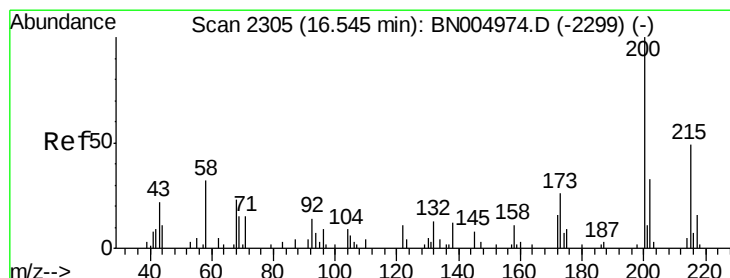
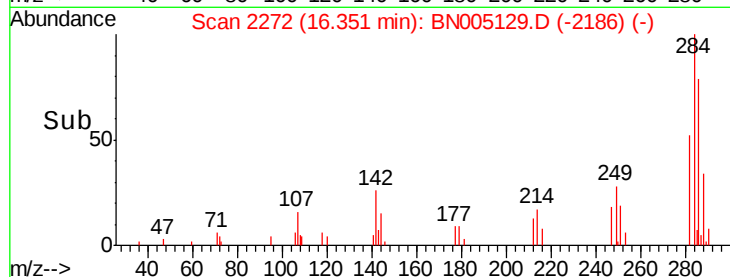
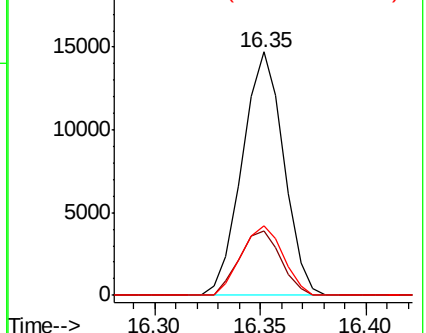
249 28.5 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 37.034 ng

RT: 16.52 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

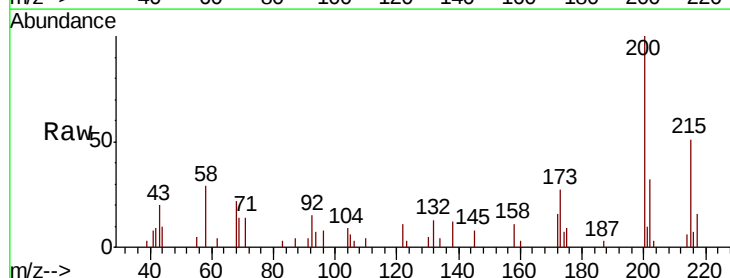
Tgt Ion:200 Resp: 14271

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

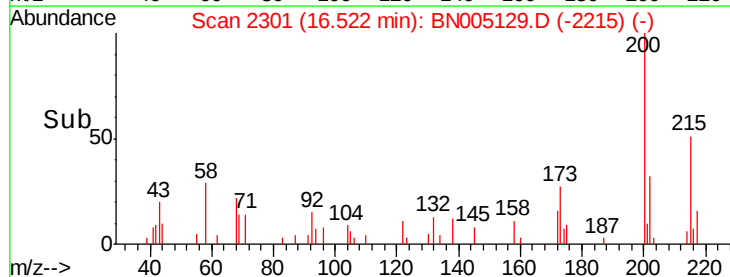
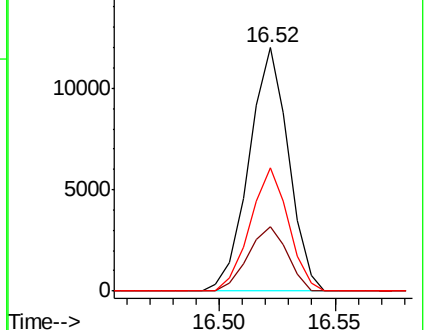
215 50.9 28.8 68.8

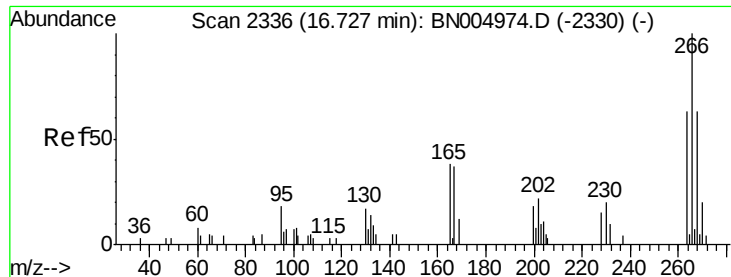


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

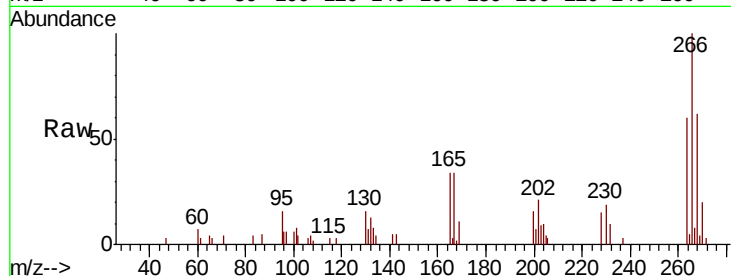




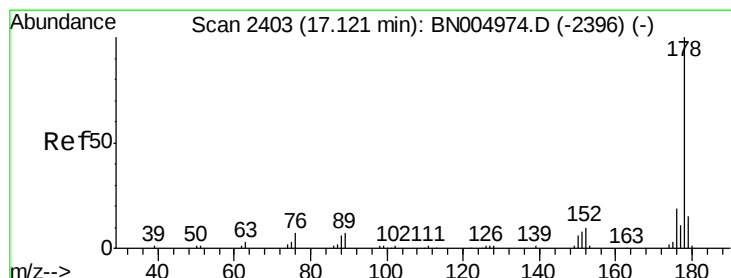
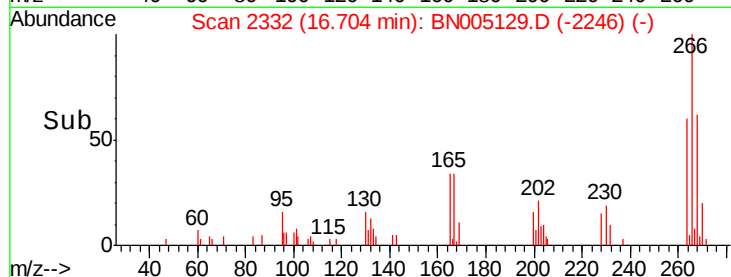
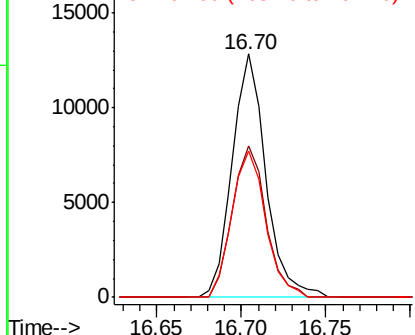
#70
 Pentachlorophenol
 Concen: 67.523 ng
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:266 Resp: 17773
 Ion Ratio Lower Upper
 266 100
 268 62.3 50.8 76.2
 264 59.9 50.0 75.0

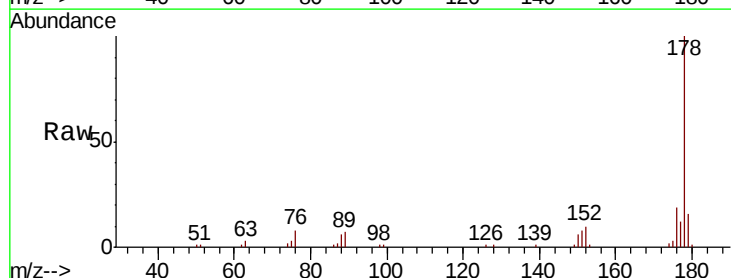


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

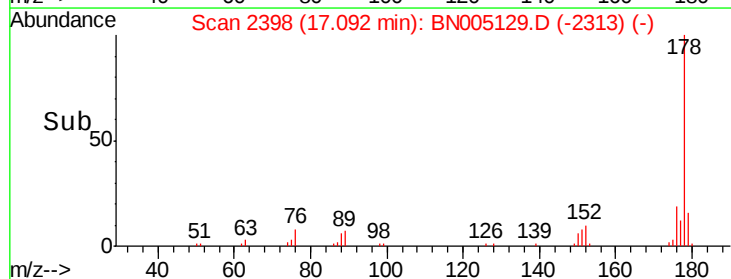
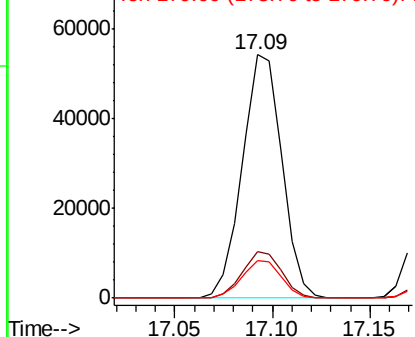


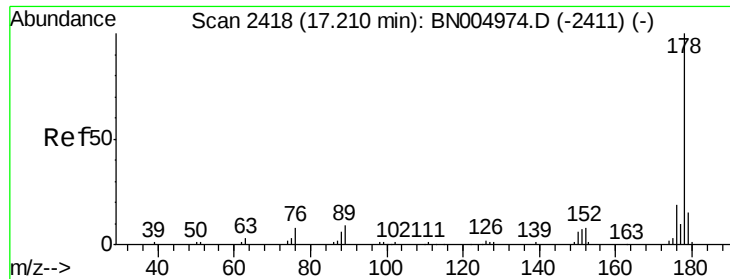
#71
 Phenanthrene
 Concen: 39.747 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:178 Resp: 76473
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

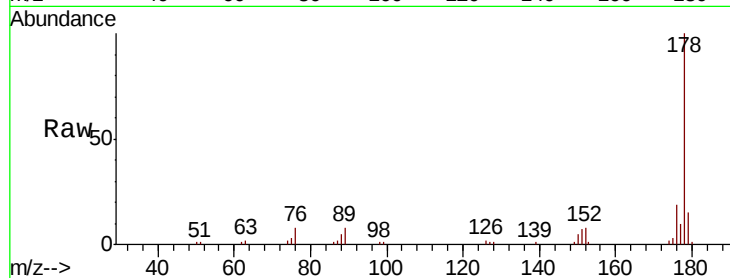




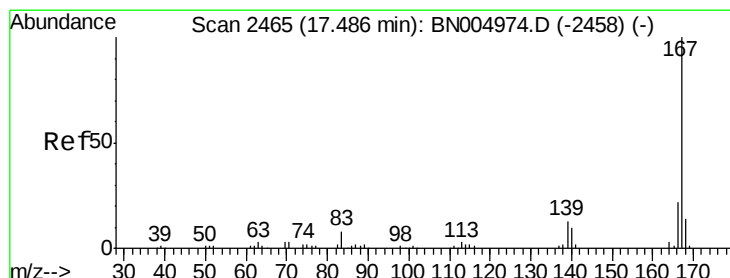
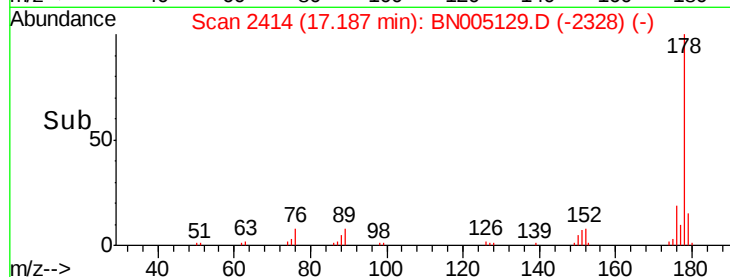
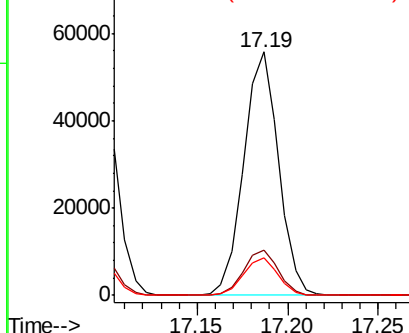
#72
 Anthracene
 Concen: 38.900 ng
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:178 Resp: 74496
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.3 12.3 18.5

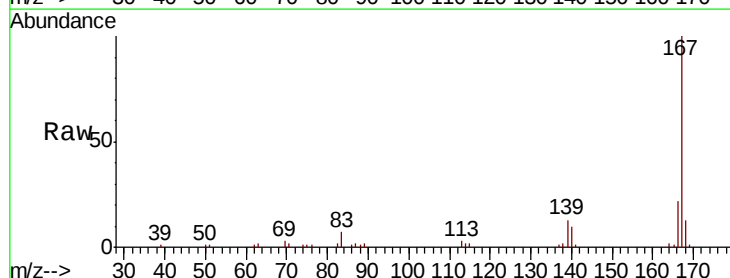


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

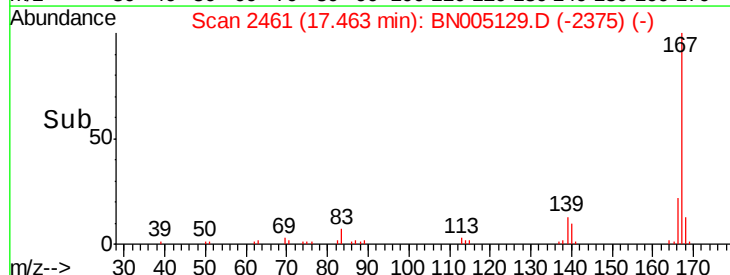
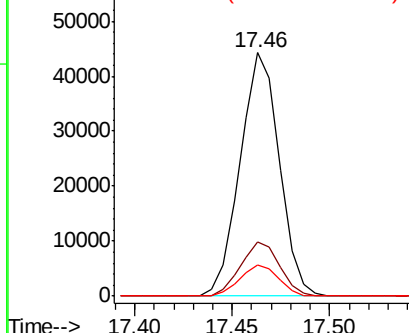


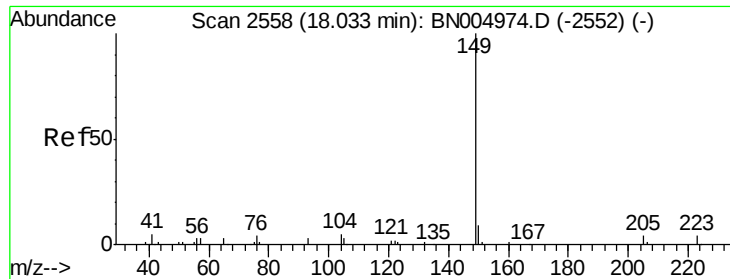
#73
 Carbazole
 Concen: 35.326 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:167 Resp: 61578
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

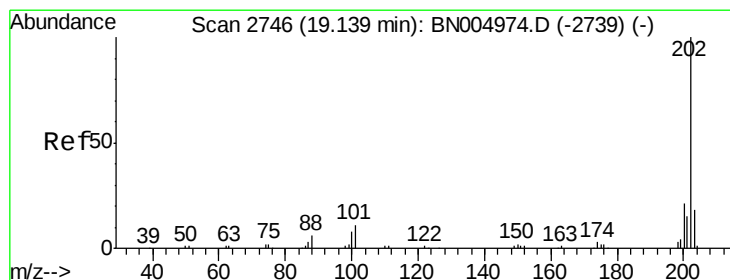
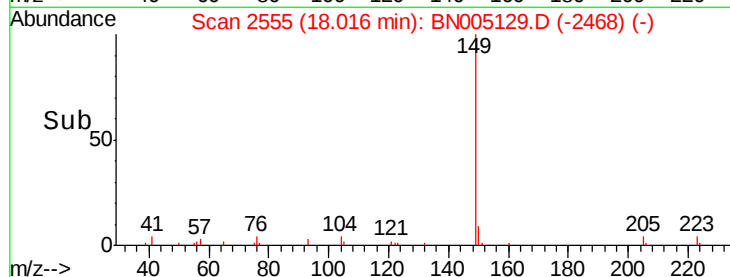
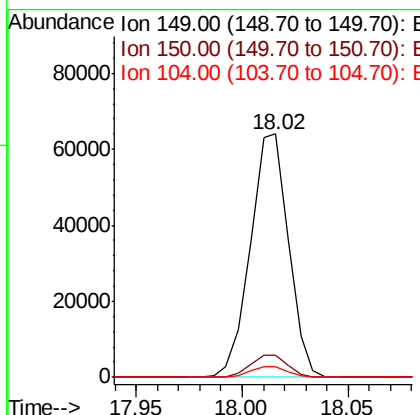
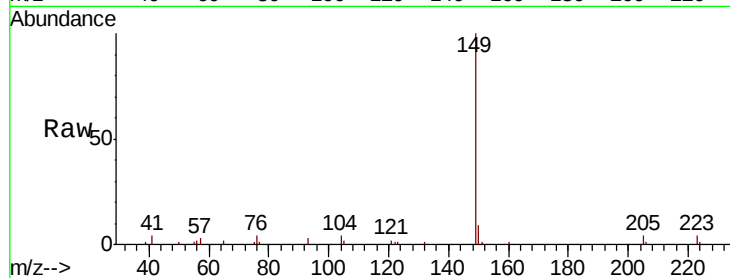




#74
Di-n-butylphthalate
Concen: 37.848 ng
RT: 18.02 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

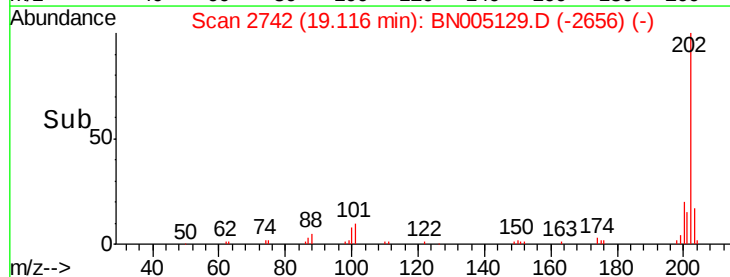
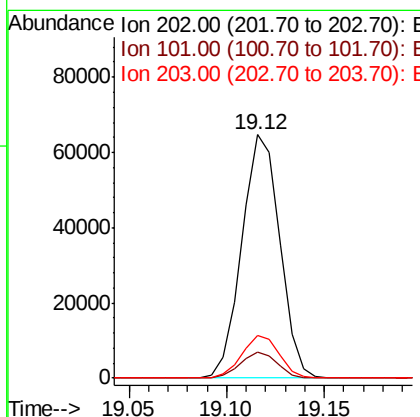
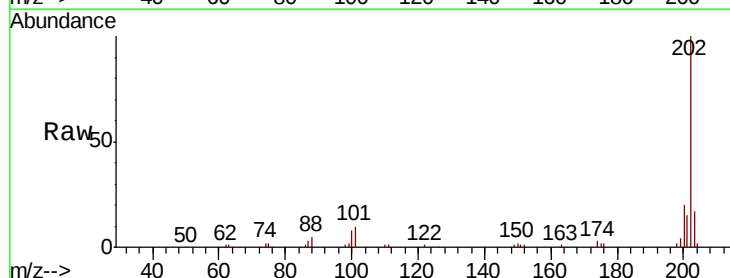
Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

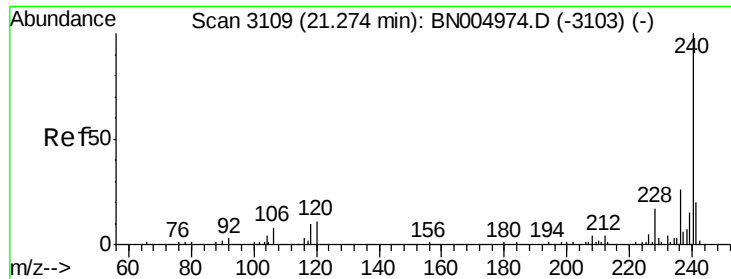
Tot Ion:149 Resp: 80369
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.3 3.7 5.5



#75
Fluoranthene
Concen: 39.787 ng
RT: 19.12 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:202 Resp: 87332
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.4 0.0 37.5

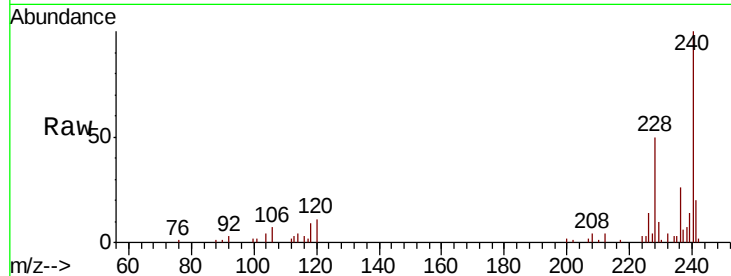




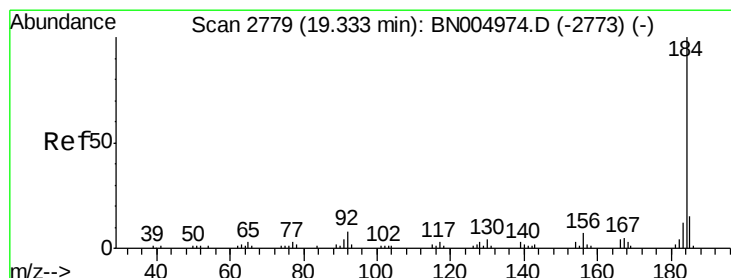
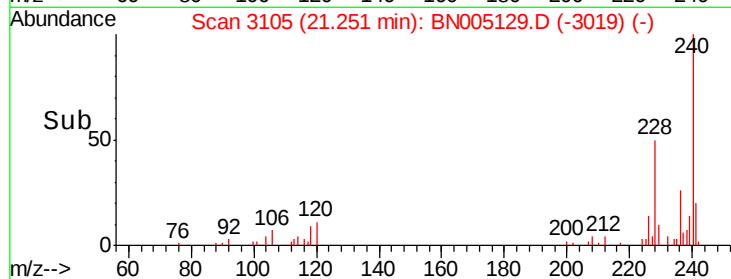
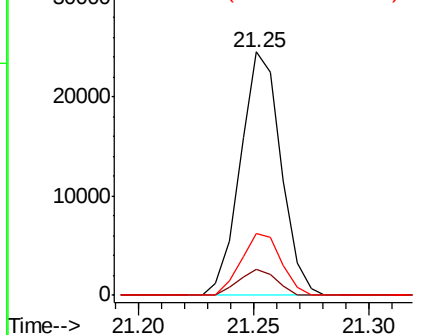
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Tot Ion:240 Resp: 30039
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 25.5 21.2 31.8

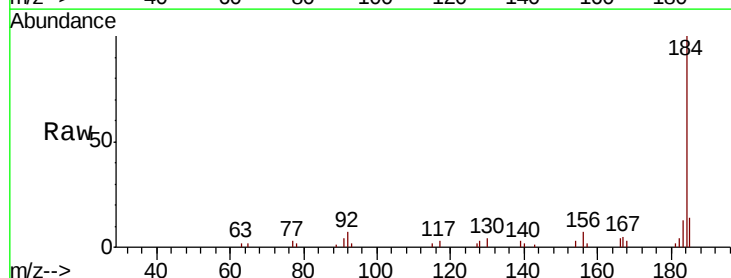


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

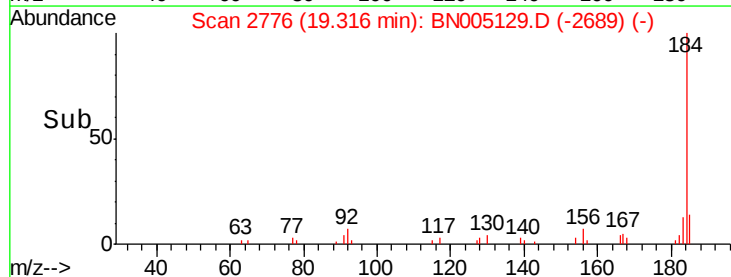
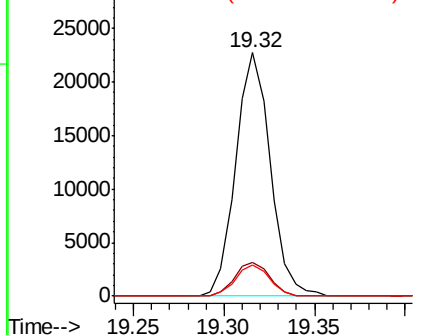


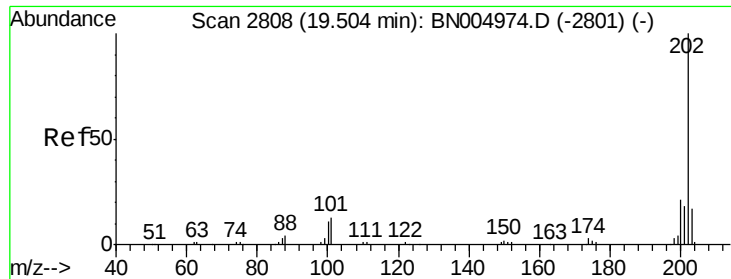
#77
Benzidine
Concen: 32.190 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:184 Resp: 30135
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 12.8 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

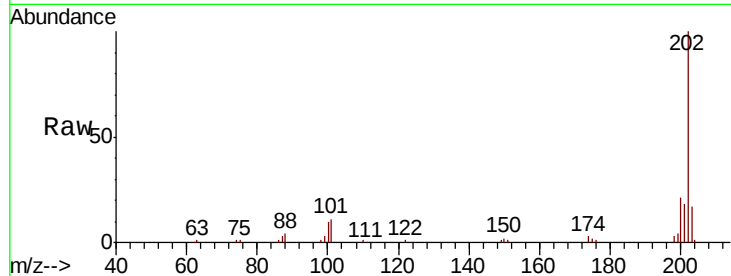




#78
 Pvrene
 Concen: 42.852 ng
 RT: 19.49 min Scan# 2805
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.3	14.0	21.0

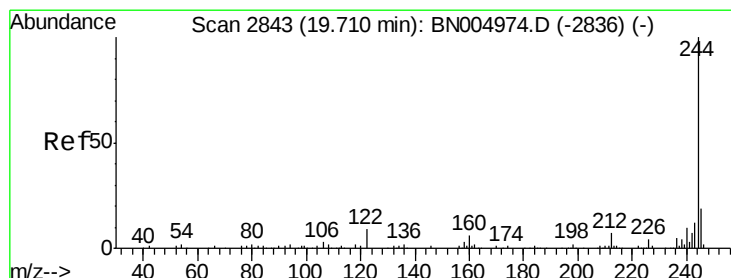
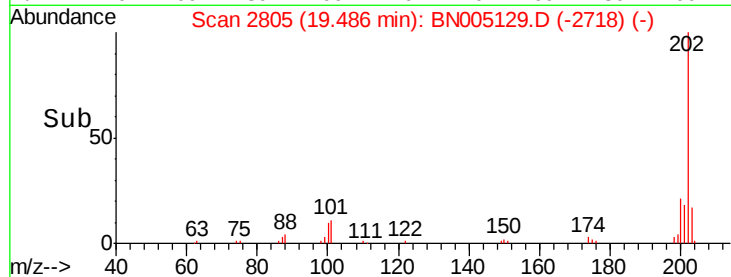
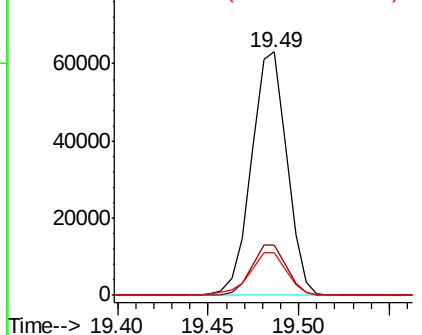


Abundance

Ion 202.00 (201.70 to 202.70): E

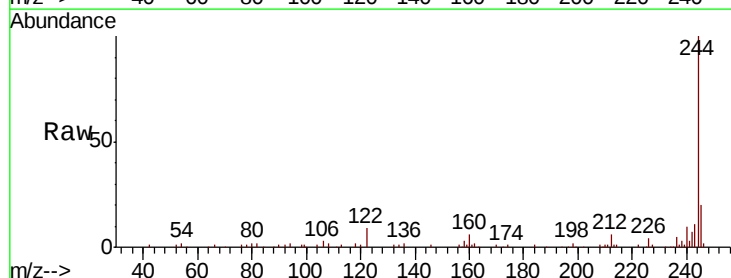
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
 Terphenyl-d14
 Concen: 84.173 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.5	7.4	11.2

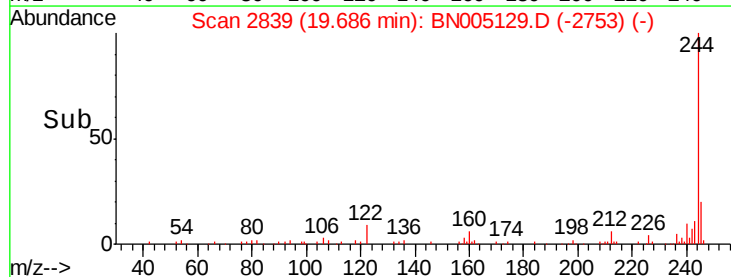
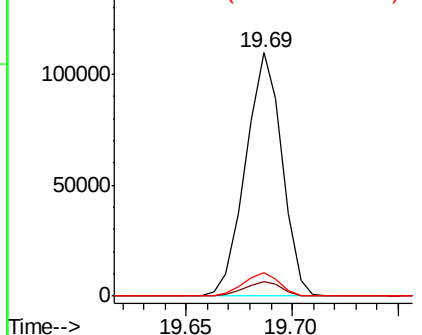


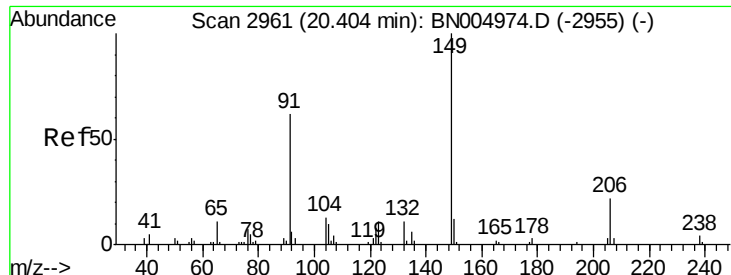
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

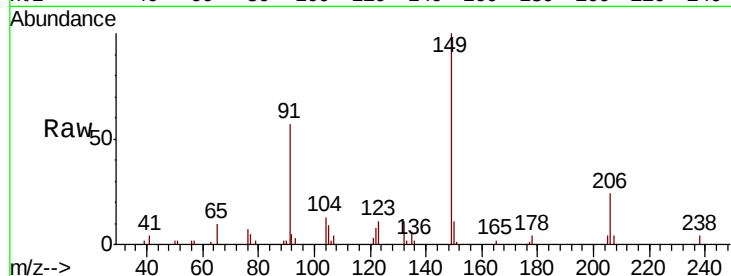




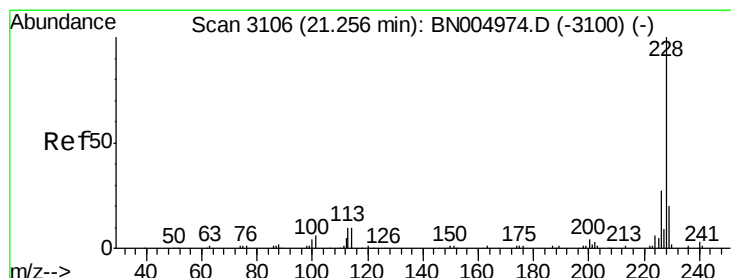
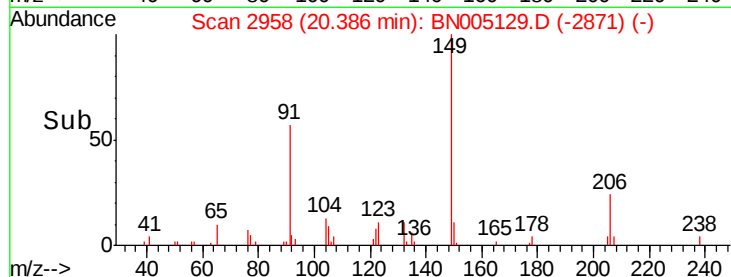
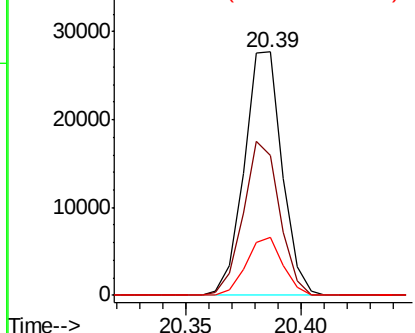
#80
Butylbenzylphthalate
Concen: 39.056 ng
RT: 20.39 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

Tot Ion:149 Resp: 31831
Ion Ratio Lower Upper
149 100
91 57.3 49.3 73.9
206 23.6 17.9 26.9

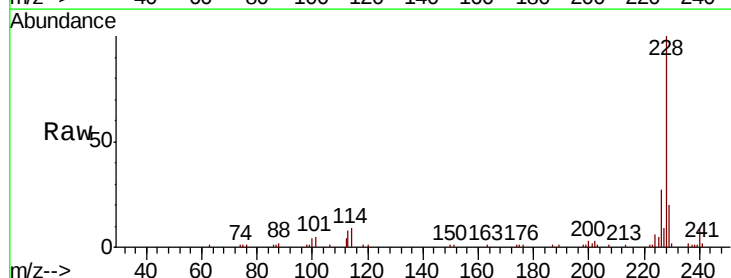


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

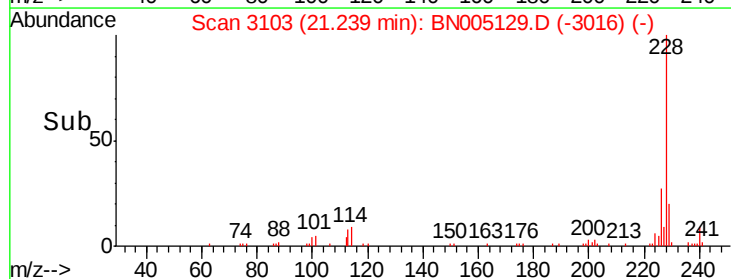
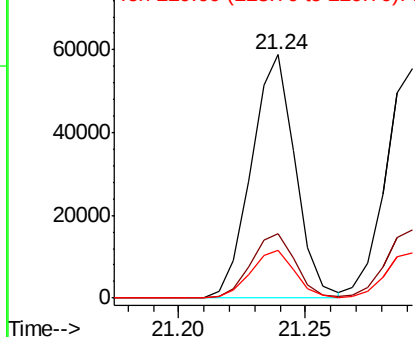


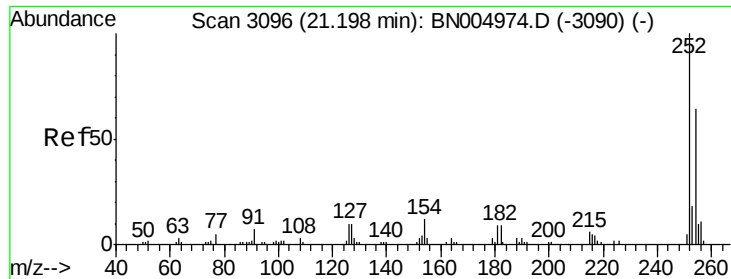
#81
Benzo(a)anthracene
Concen: 37.996 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:228 Resp: 71095
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.6
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

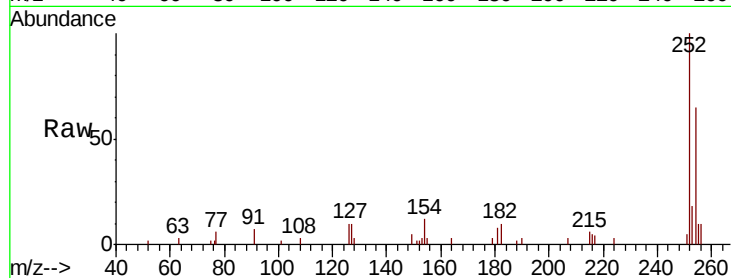




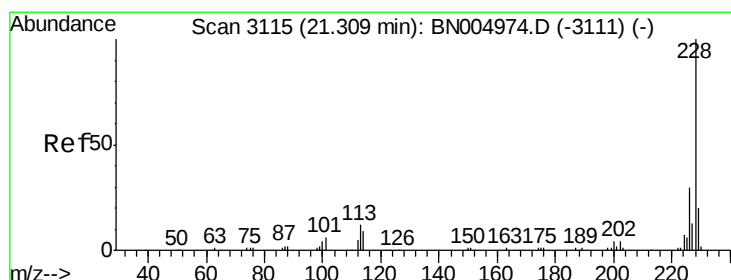
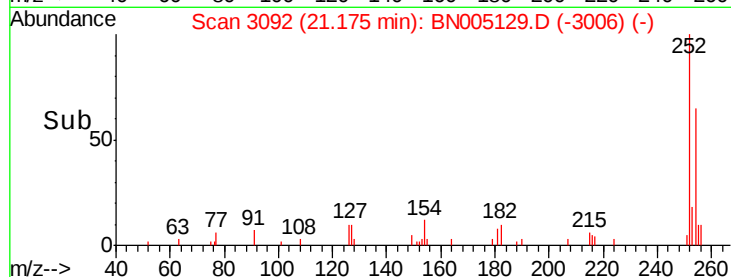
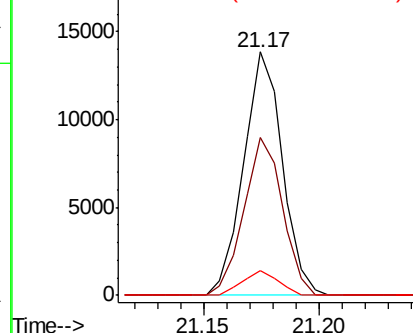
#82
 3,3'-Dichlorobenzidine
 Concen: 23.206 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-SMSD

Tot Ion:252 Resp: 16237
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 10.3 7.9 11.9

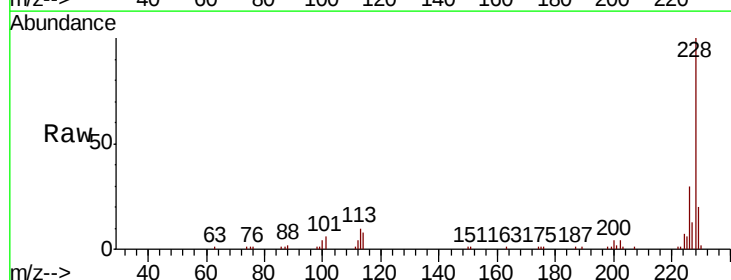


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

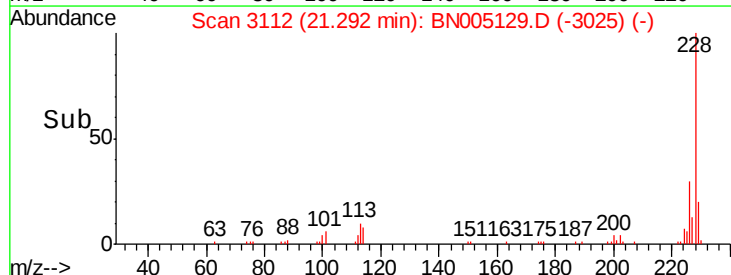
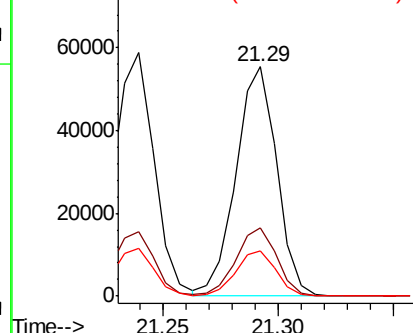


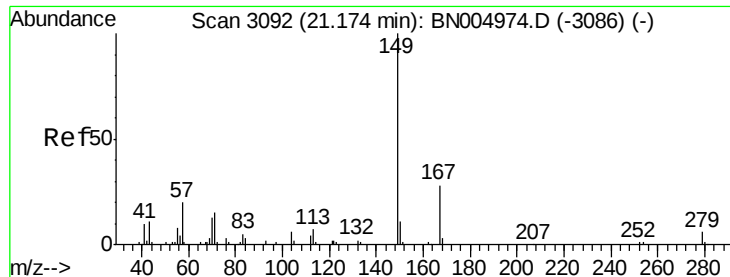
#83
 Chrysene
 Concen: 38.208 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion:228 Resp: 68286
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.256 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

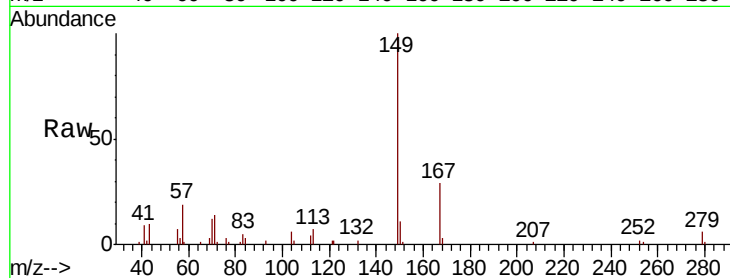
Tot Ion:149 Resp: 45394

Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

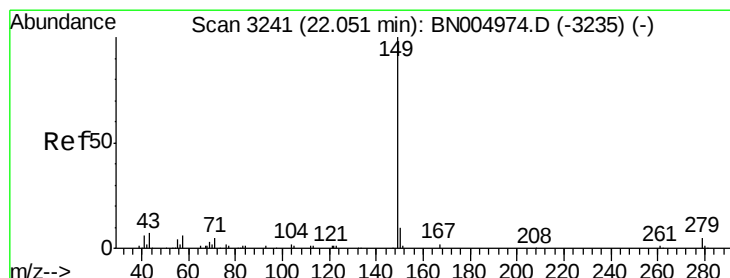
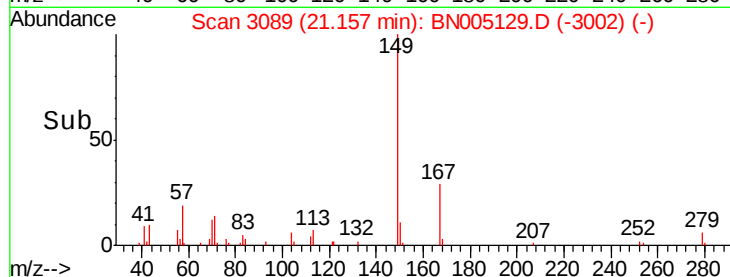
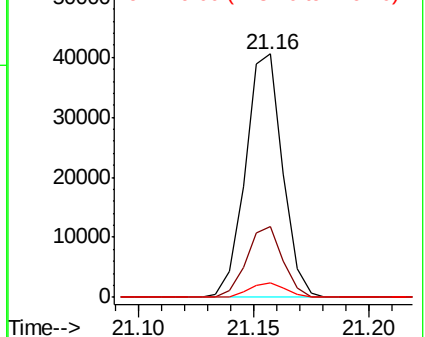
279 6.2 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 40.373 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

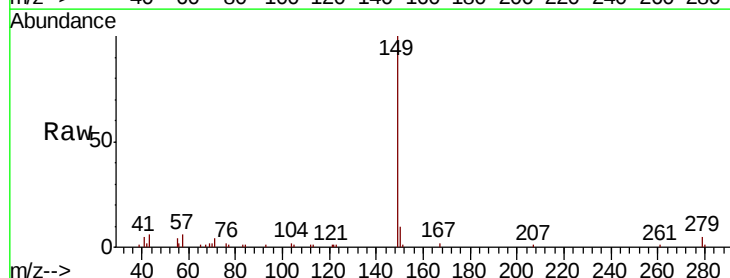
Tgt Ion:149 Resp: 73472

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

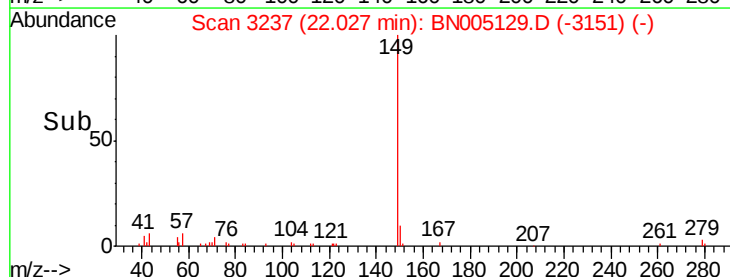
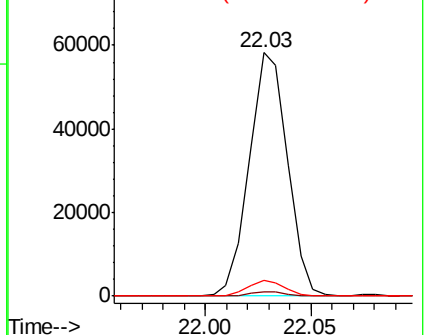
43 6.1 5.8 8.6

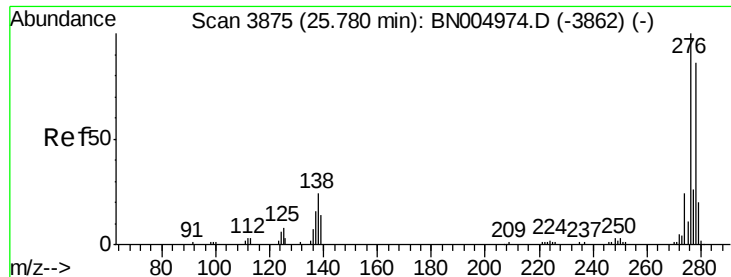


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#86

Indeno(1,2,3-cd)pyrene

Concen: 43.213 ng

RT: 25.73 min Scan# 3867

Delta R.T. -0.05 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

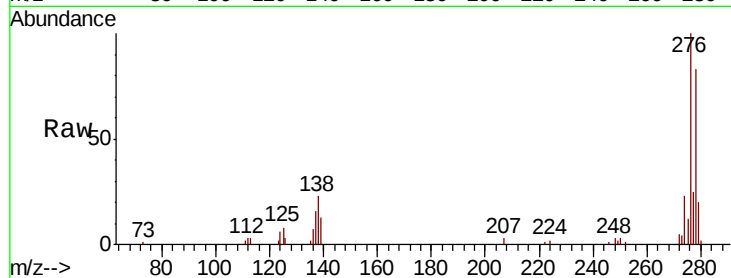
Tot Ion:276 Resp: 87741

Ion Ratio Lower Upper

276 100

138 22.3 18.5 27.7

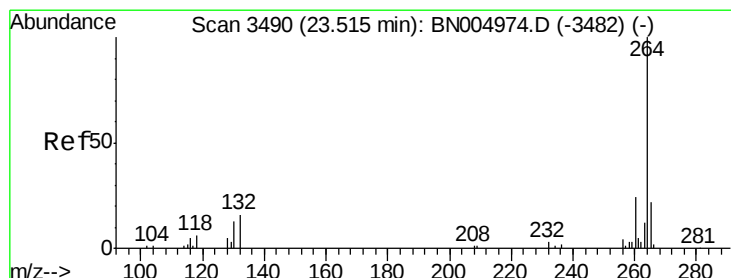
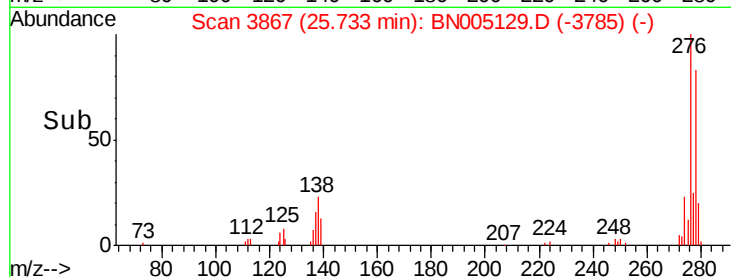
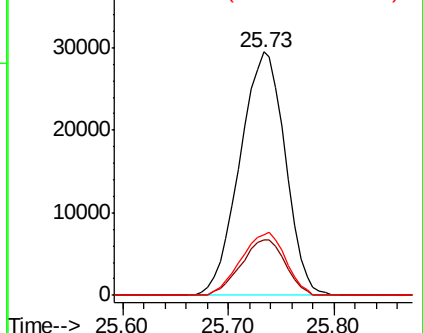
277 25.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3485

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

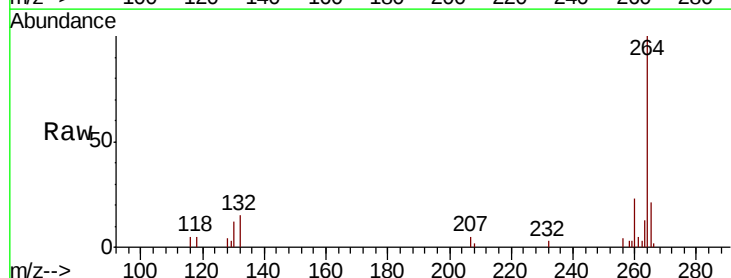
Tgt Ion:264 Resp: 30260

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

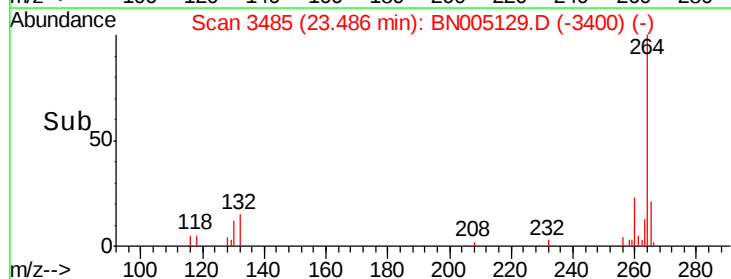
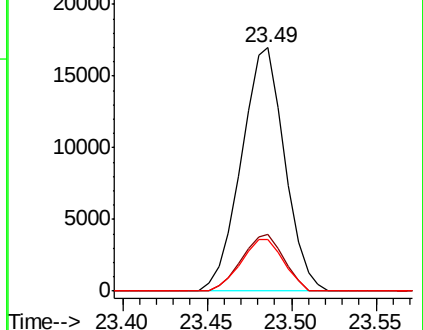
265 21.3 17.2 25.8

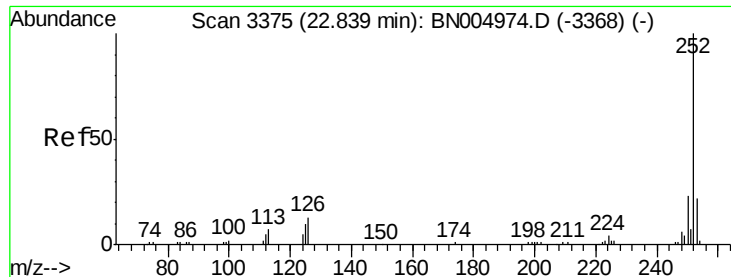


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

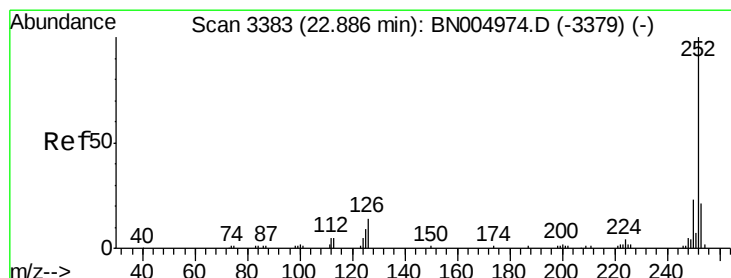
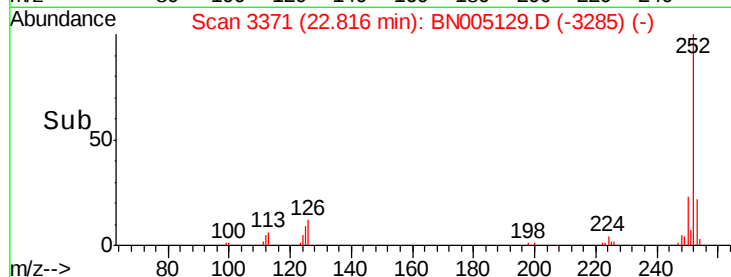
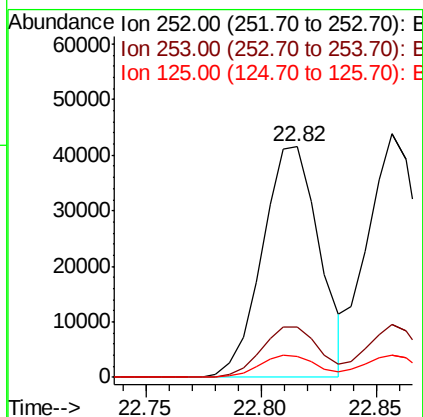
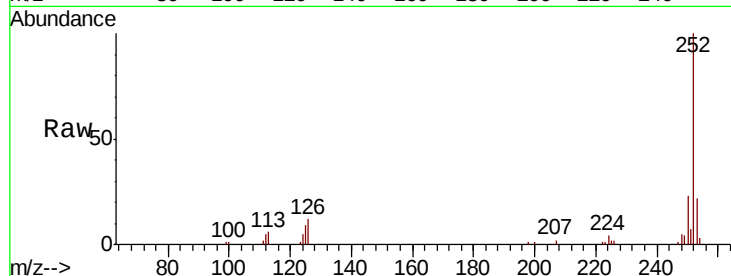




#88
Benzo(b)fluoranthene
Concen: 38.477 ng
RT: 22.82 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

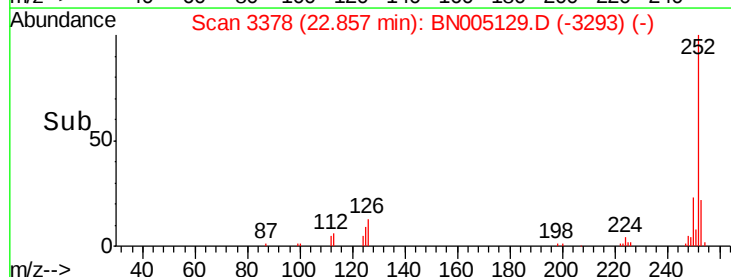
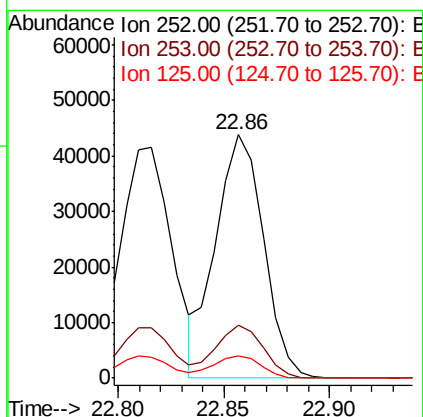
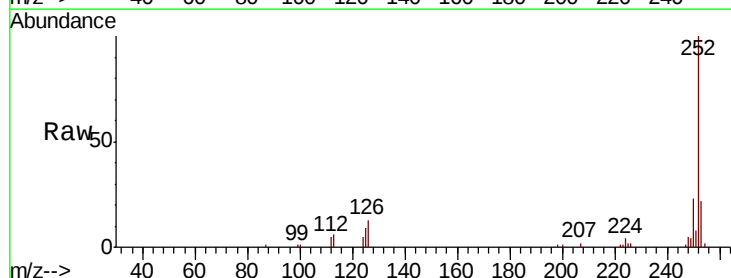
Instrument :
BNA_N
ClientSampleId :
TP-7-SMSD

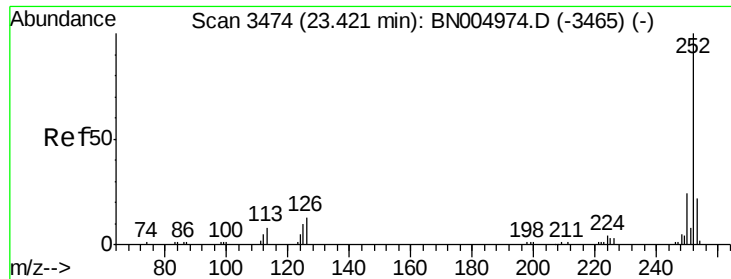
Tot Ion:252 Resp: 71668
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.1 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 40.379 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:252 Resp: 68969
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.3 7.6 11.4





#90

Benzo(a)pyrene

Concen: 40.377 ng

RT: 23.39 min Scan# 3468

Delta R.T. -0.03 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

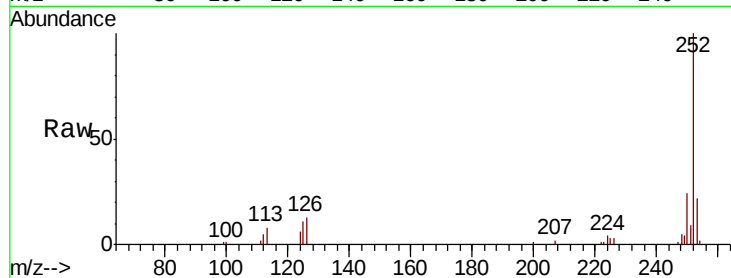
Tot Ion:252 Resp: 68821

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.8 8.2 12.4

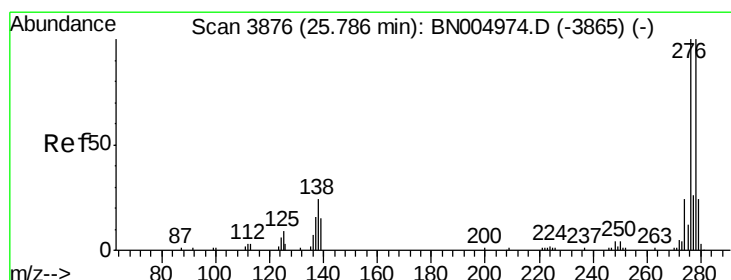
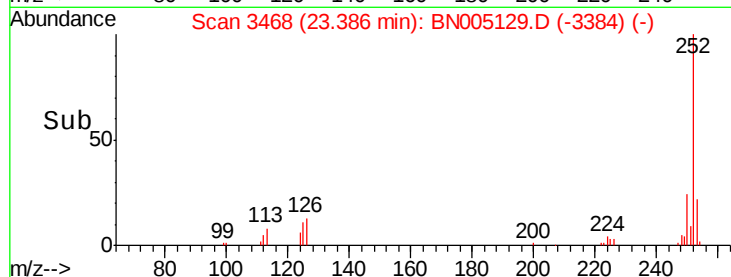
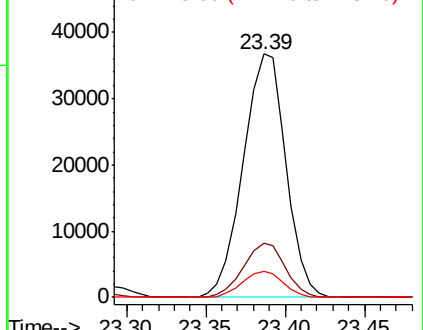


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 42.231 ng

RT: 25.74 min Scan# 3868

Delta R.T. -0.05 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

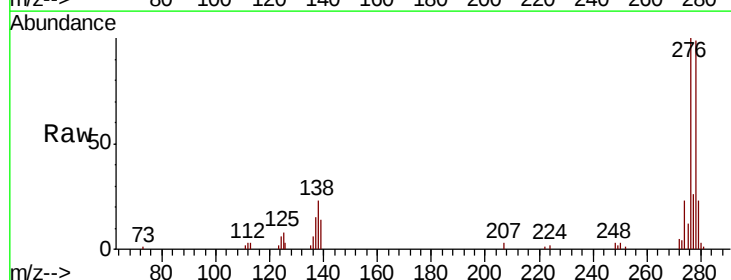
Tgt Ion:278 Resp: 72263

Ion Ratio Lower Upper

278 100

139 14.4 11.8 17.8

279 23.3 19.3 28.9

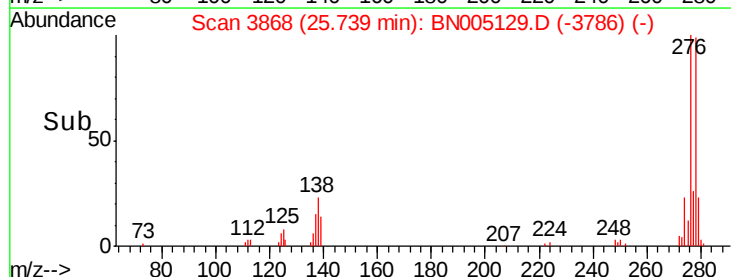
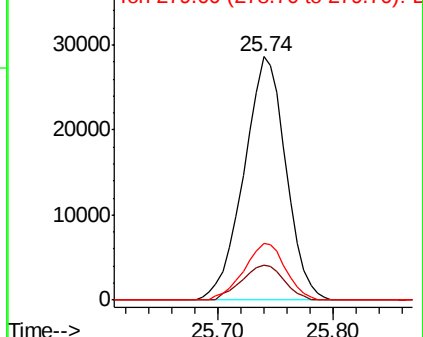


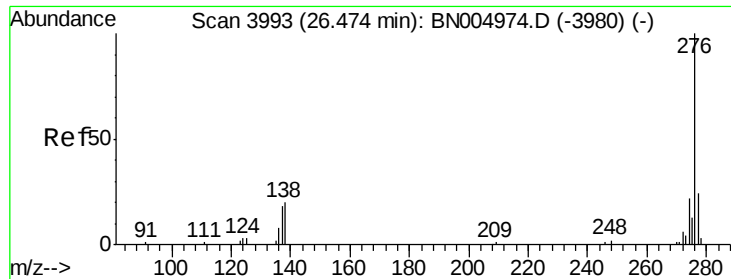
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 43.797 ng

RT: 26.43 min Scan# 3985

Delta R.T. -0.05 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Instrument :

BNA_N

ClientSampleId :

TP-7-SMSD

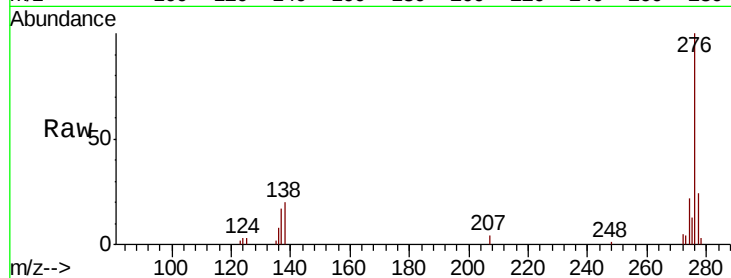
Tot Ion: 276 Resp: 74115

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 19.7 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

