

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 :

Quant Time: Apr 11 07:31:51 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
32) Benzoic acid	9.73	122	1024	8.319	ng	97
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

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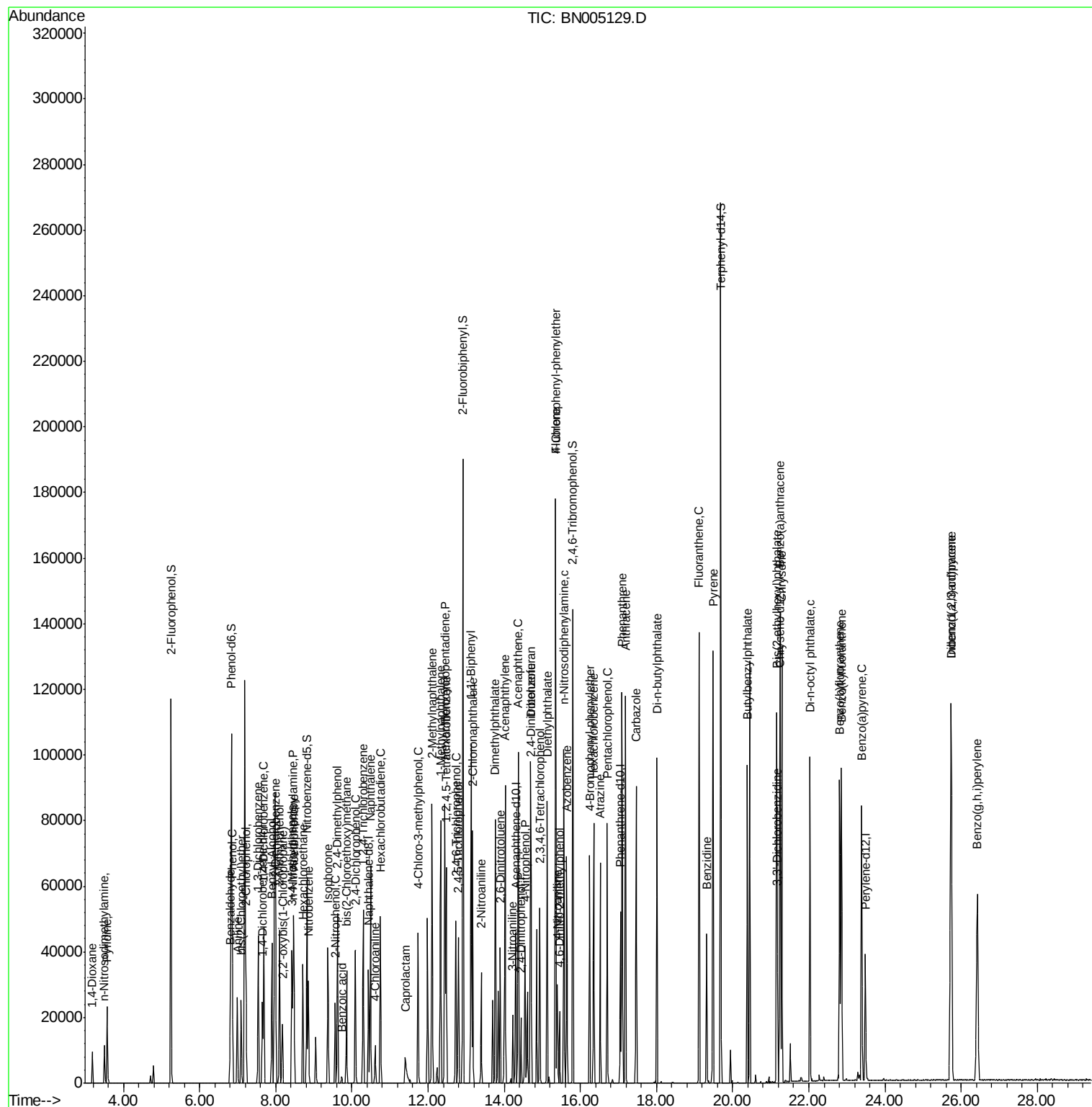
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	27413	81.522	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	14183	38.508	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	14804	36.895	ng	98
46) 1,1'-Biphenyl	13.13	154	54862	38.734	ng	99
47) 2-Chloronaphthalene	13.17	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

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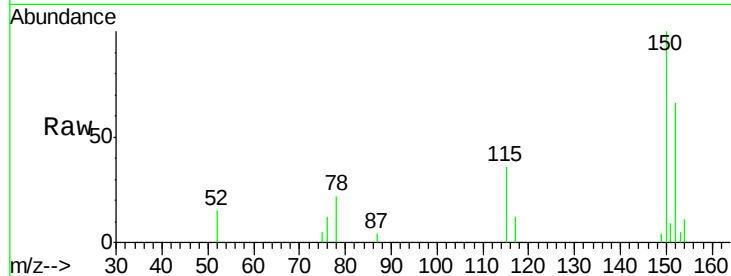


#1

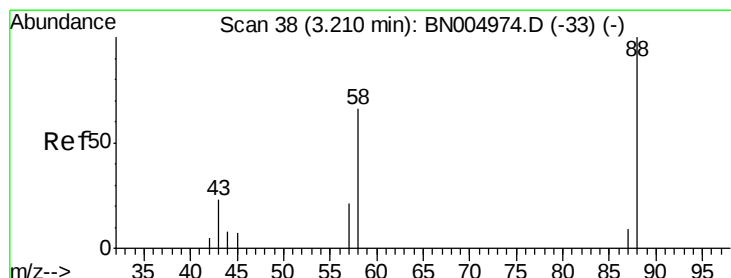
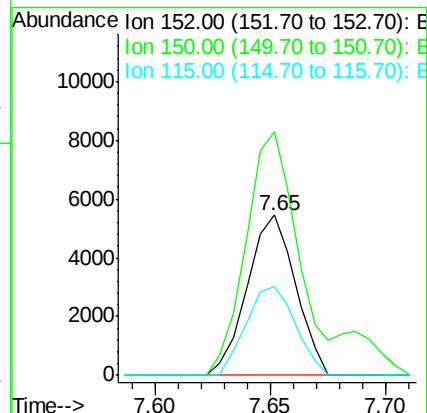
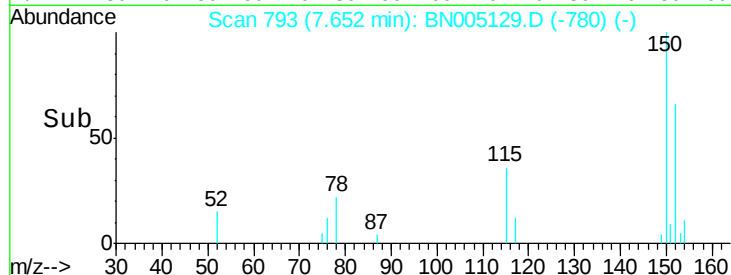
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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



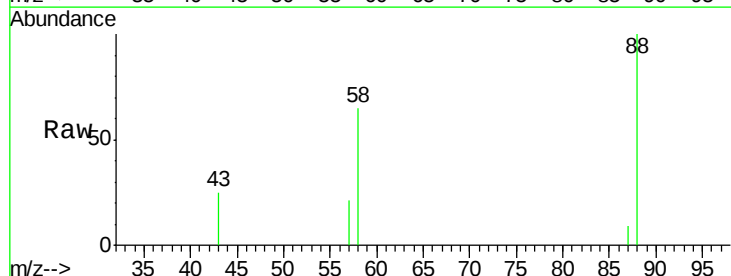
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



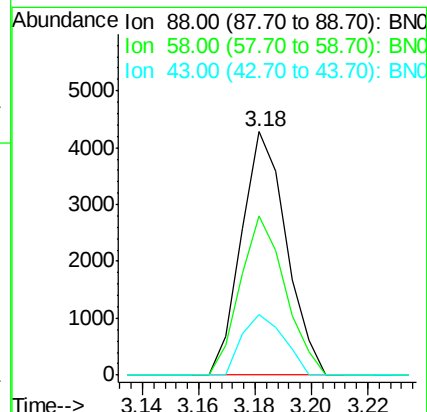
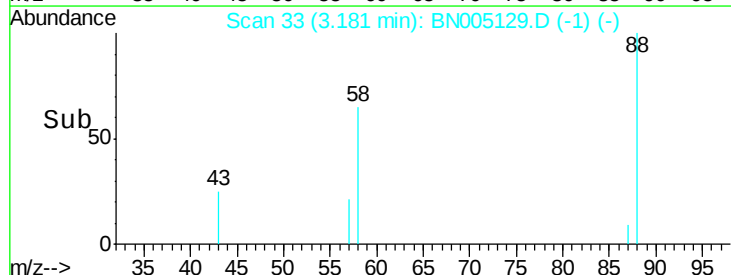
#2

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 :

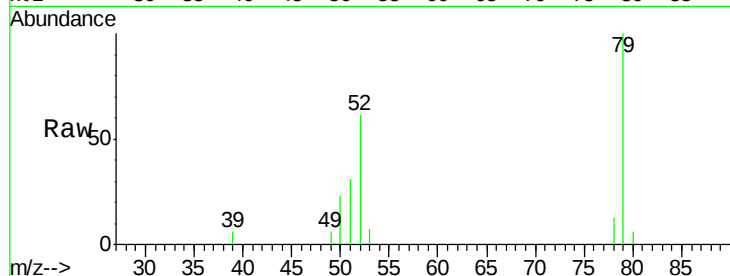
Tot Ion: 79 Resp: 12852

Ion Ratio Lower Upper

79 100

52 61.3 50.2 75.4

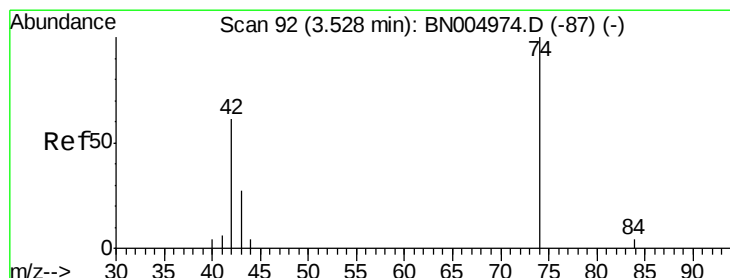
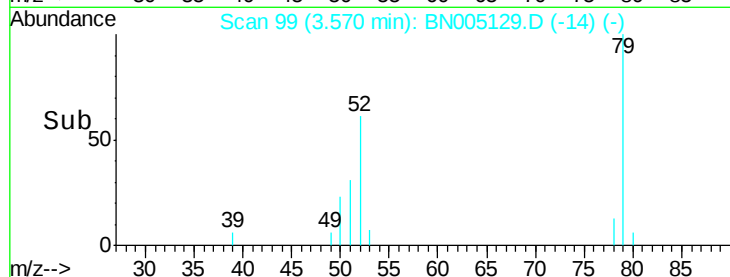
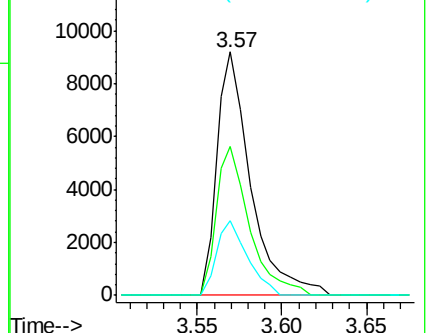
51 30.6 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BN004974.D (-100) (-)

Ion 52.00 (51.70 to 52.70): BN004974.D (-100) (-)

Ion 51.00 (50.70 to 51.70): BN004974.D (-100) (-)



#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

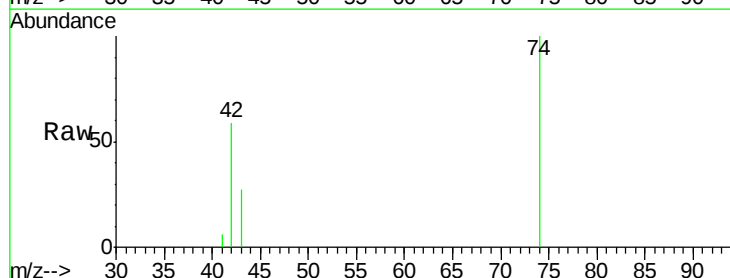
Tgt Ion: 42 Resp: 4524

Ion Ratio Lower Upper

42 100

74 169.5 130.8 196.2

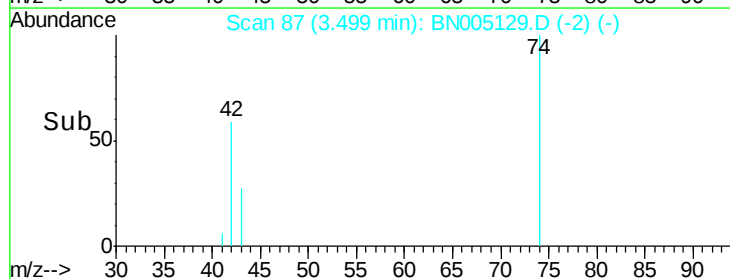
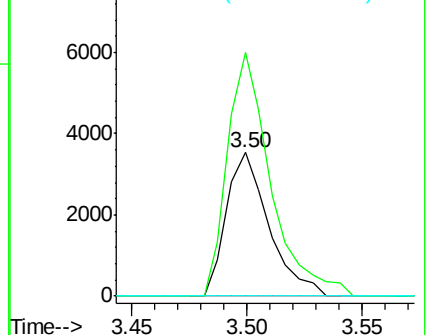
44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BN004974.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN004974.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN004974.D (-87) (-)





#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 :

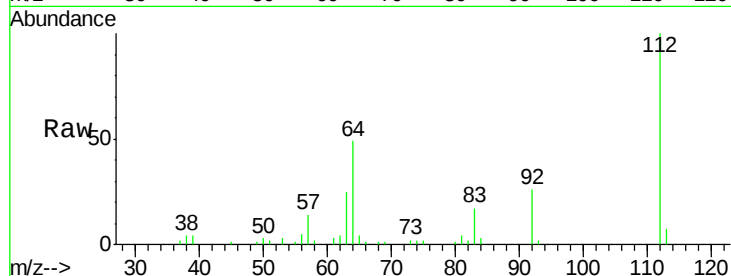
Tot Ion: 112 Resp: 54077

Ion Ratio Lower Upper

112 100

64 48.8 41.9 62.9

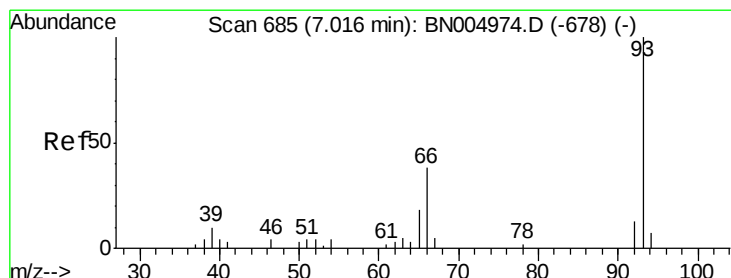
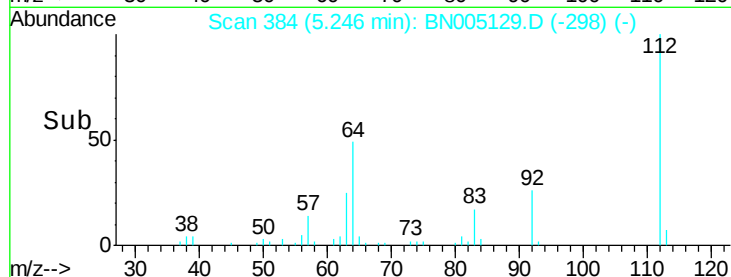
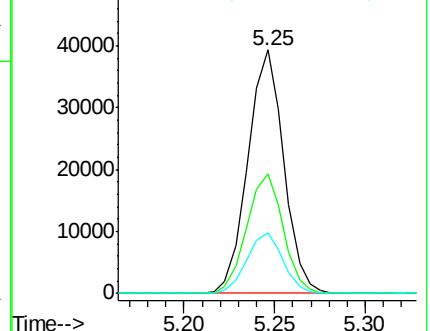
63 24.9 21.4 32.0



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

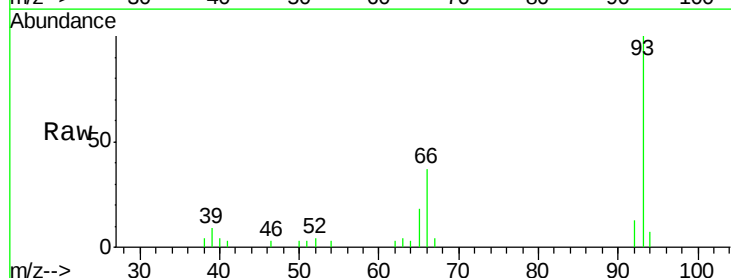
Tgt Ion: 93 Resp: 18973

Ion Ratio Lower Upper

93 100

66 37.0 30.2 45.4

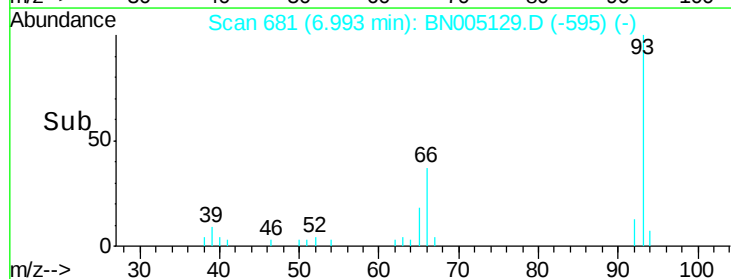
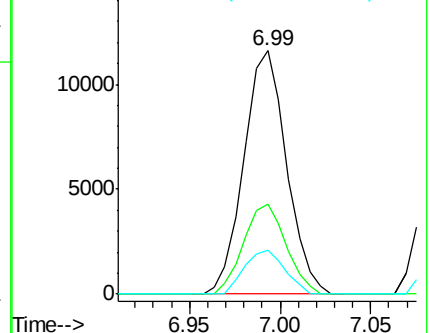
65 18.2 14.7 22.1

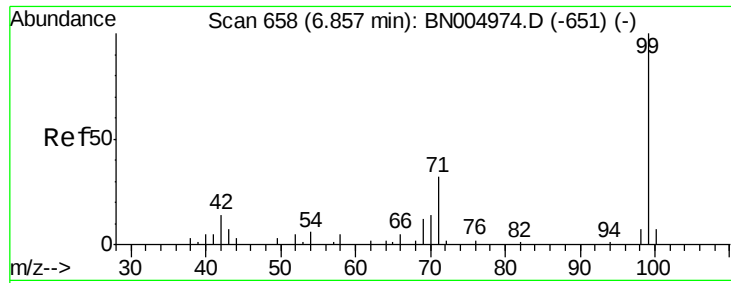


Abundance Ion 93.00 (92.70 to 93.70): B

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

ClientSampled :

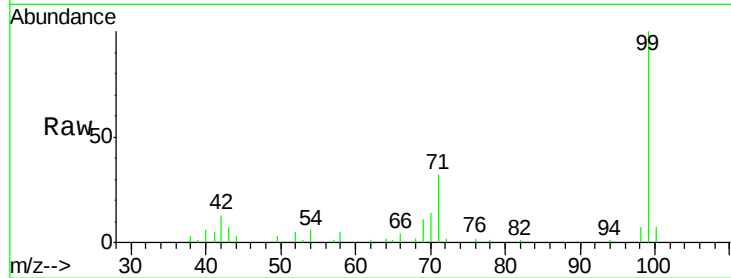
Tot Ion: 99 Resp: 68963

Ion Ratio Lower Upper

99 100

42 13.2 11.4 17.0

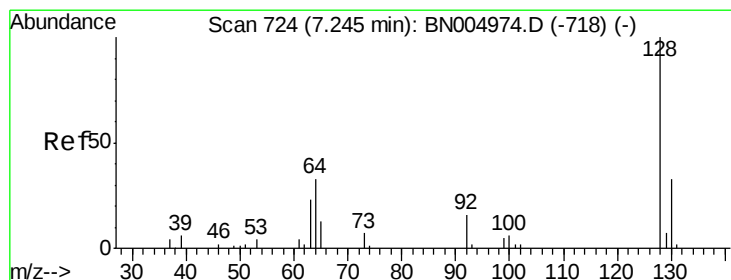
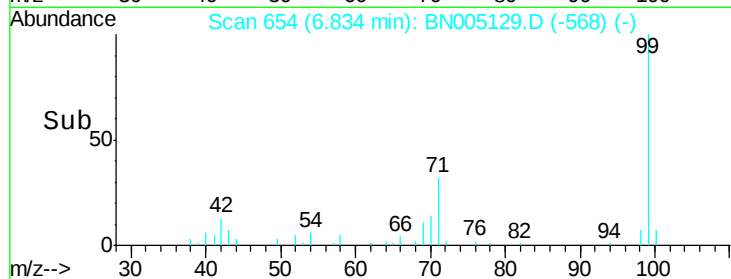
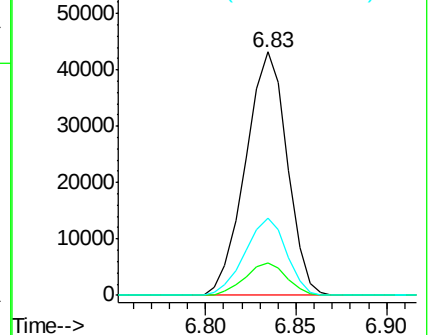
71 31.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#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

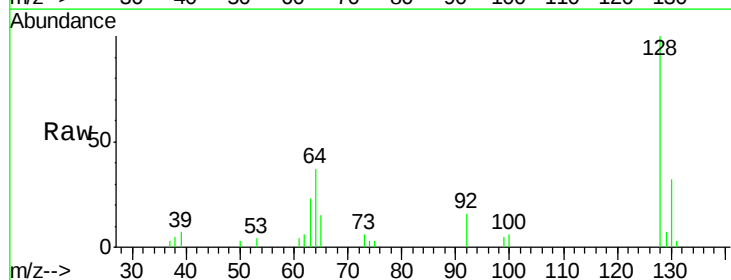
Tgt Ion: 128 Resp: 20141

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

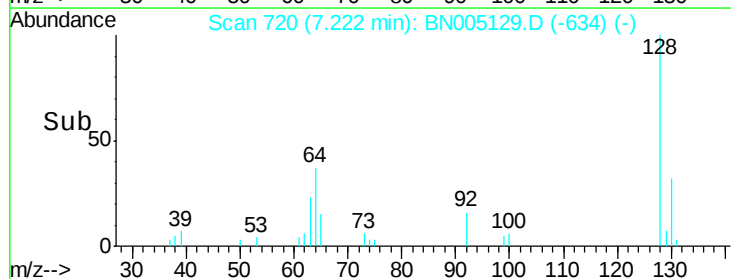
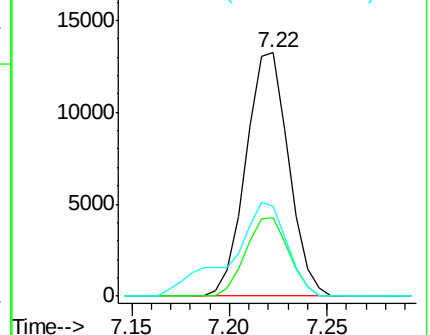
64 36.9 19.9 59.9

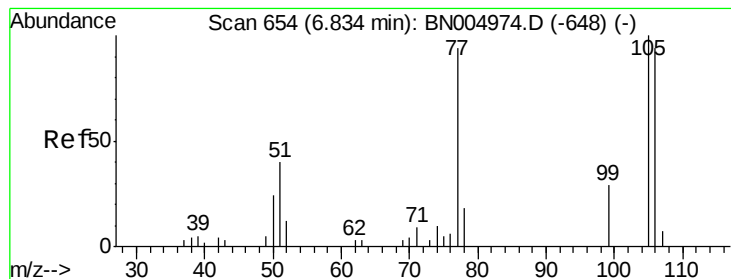


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)





#9

Benzaldehyde

Concen: 19.059 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

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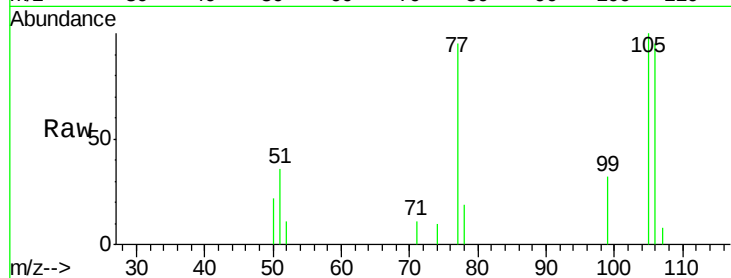
Tot Ion: 77 Resp: 6676

Ion Ratio Lower Upper

77 100

105 105.5 86.1 126.1

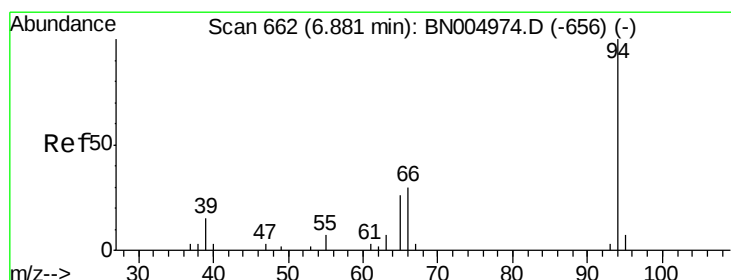
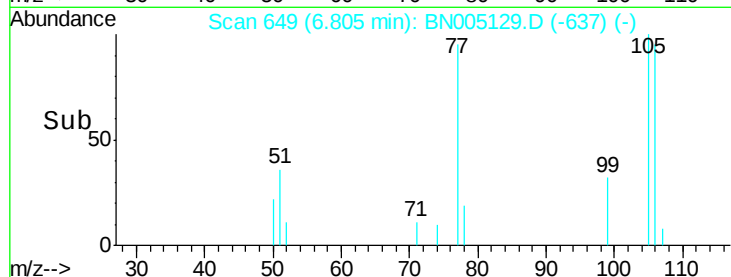
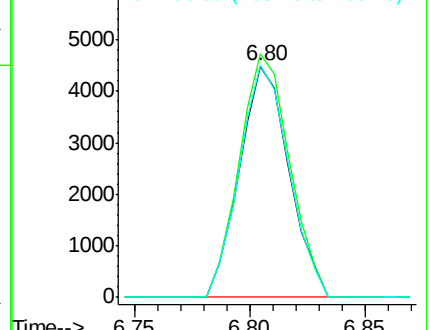
106 100.5 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BN004974.D (-648) (-)



#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

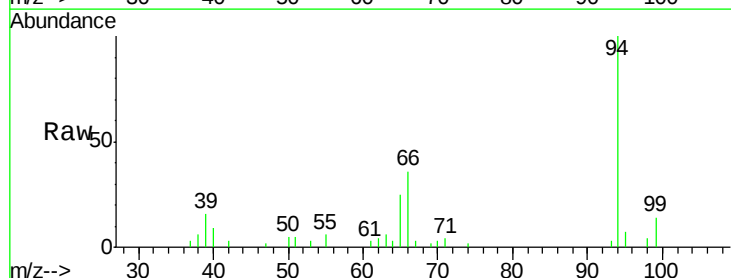
Tgt Ion: 94 Resp: 22540

Ion Ratio Lower Upper

94 100

65 25.3 5.7 45.7

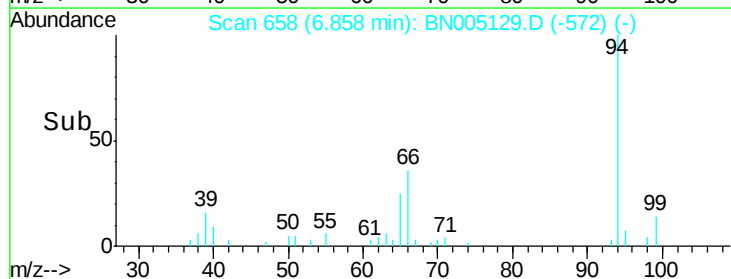
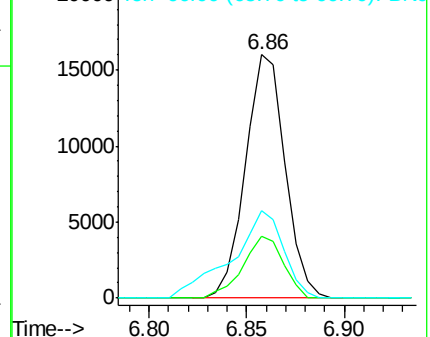
66 35.9 14.8 54.8

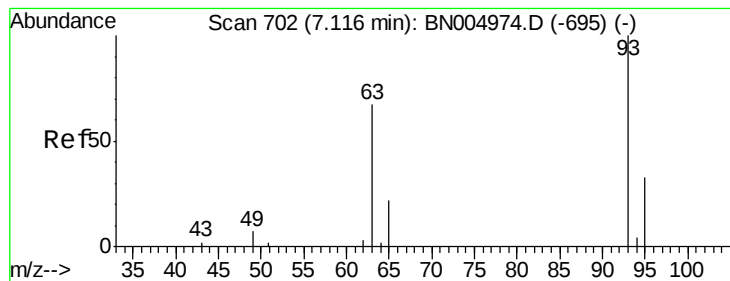


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)





#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

ClientSampled :

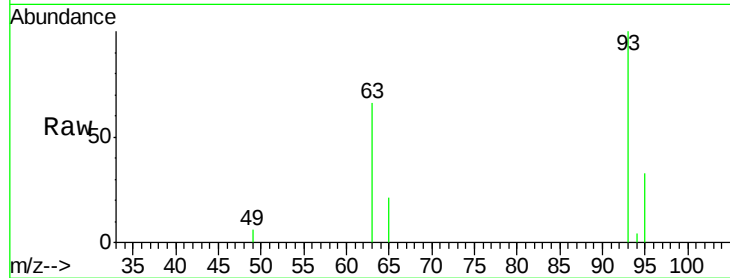
Tot Ion: 93 Resp: 16118

Ion Ratio Lower Upper

93 100

63 65.7 47.0 87.0

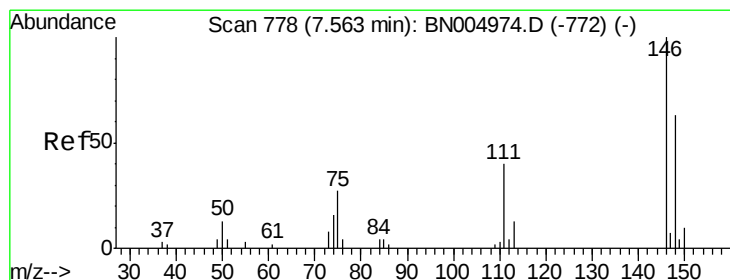
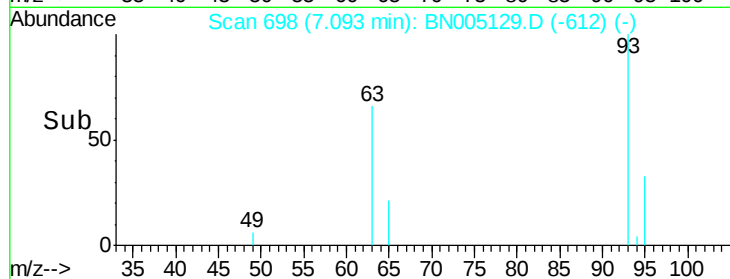
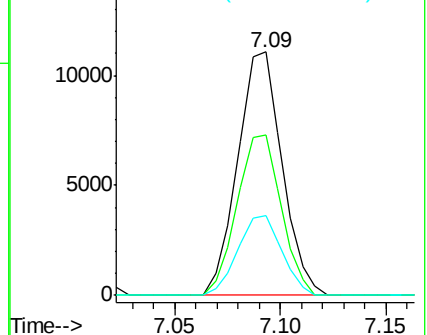
95 32.7 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)



#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

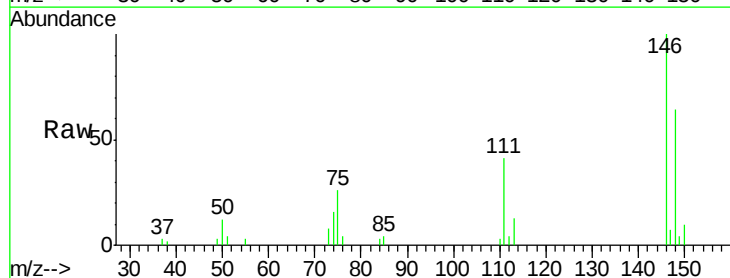
Tgt Ion: 146 Resp: 21006

Ion Ratio Lower Upper

146 100

148 63.8 52.0 78.0

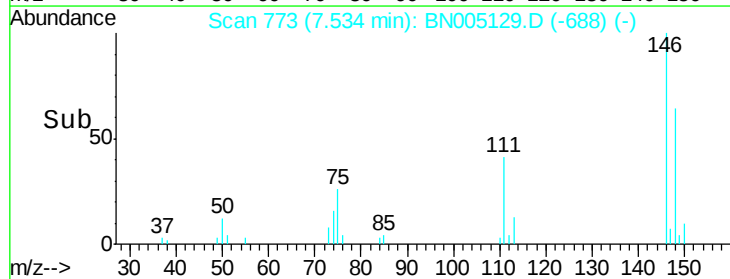
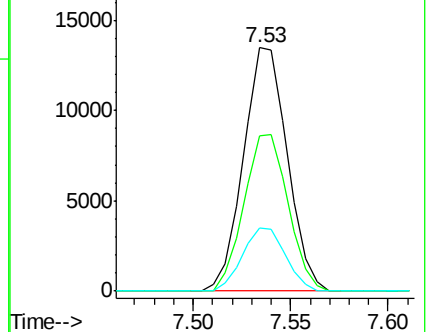
75 26.0 22.0 33.0

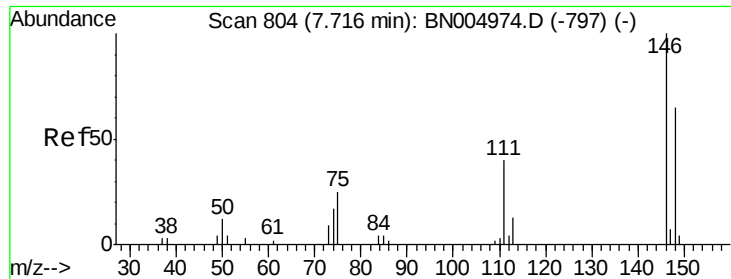


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)

Ion 148.00 (147.70 to 148.70): BN004974.D (-772) (-)

Ion 75.00 (74.70 to 75.70): BN004974.D (-772) (-)

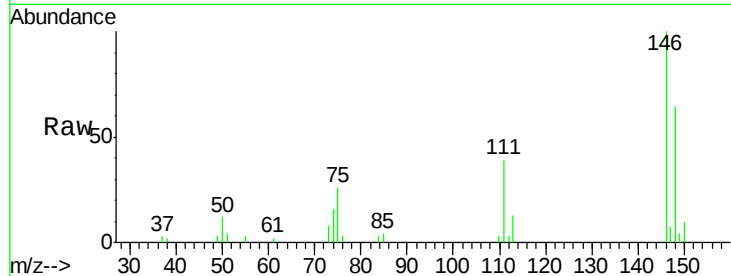




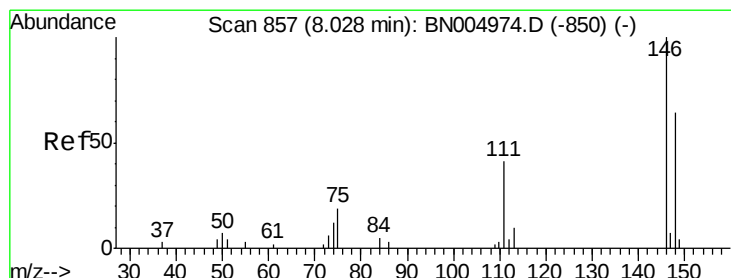
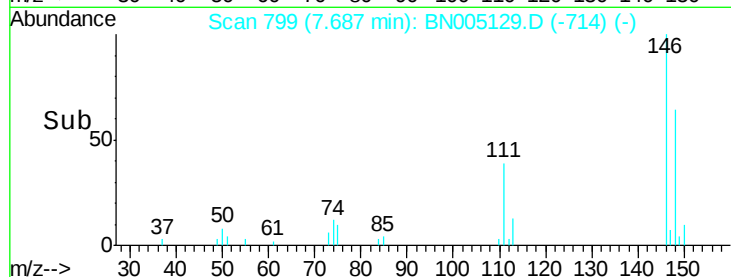
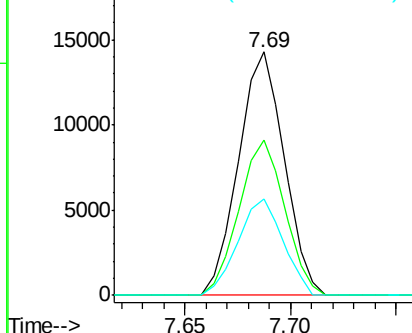
#13
 1,4-Dichlorobenzene
 Concen: 33.376 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

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

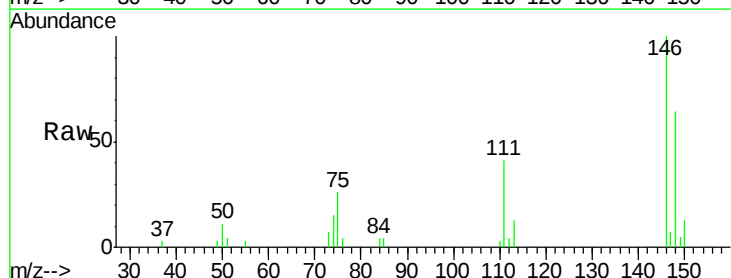


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

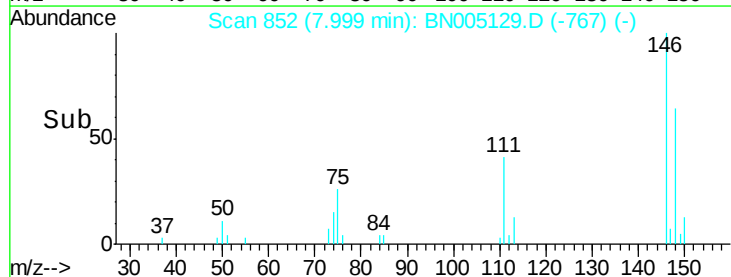
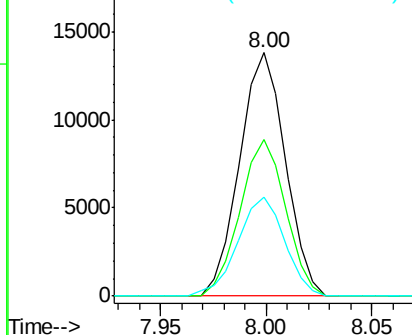


#14
 1,2-Dichlorobenzene
 Concen: 33.686 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

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 :

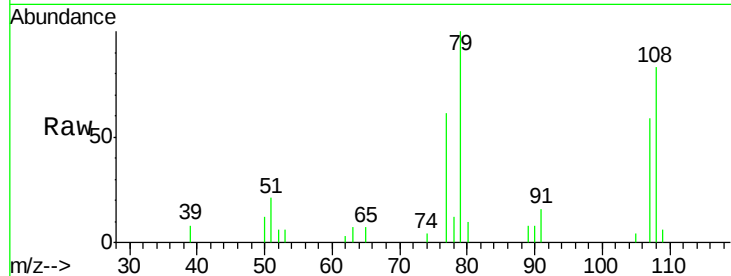
Tot Ion: 79 Resp: 14609

Ion Ratio Lower Upper

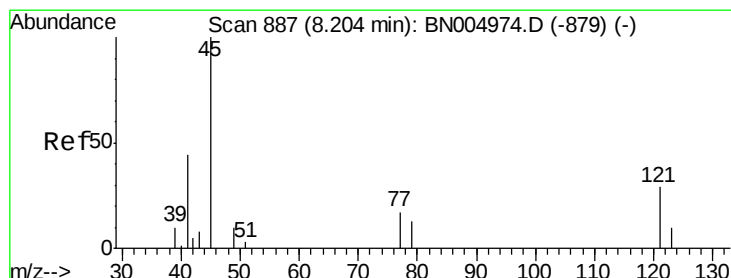
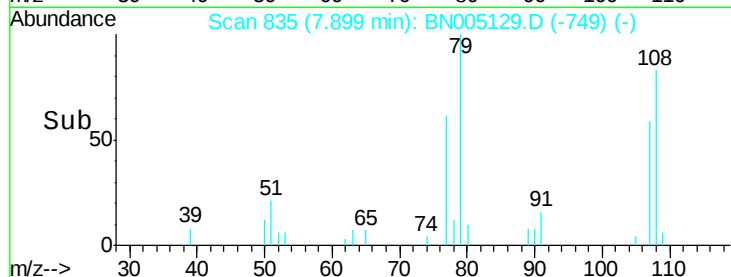
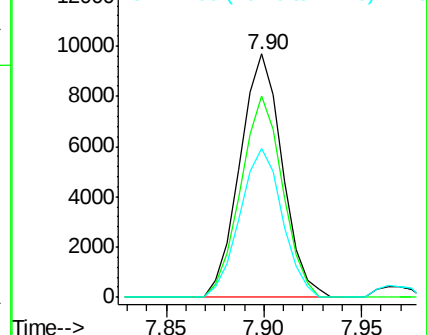
79 100

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

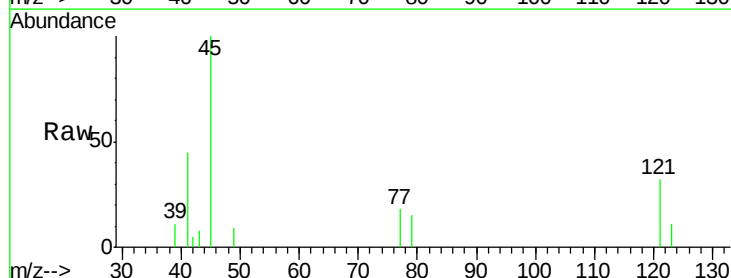
Tgt Ion: 45 Resp: 17632

Ion Ratio Lower Upper

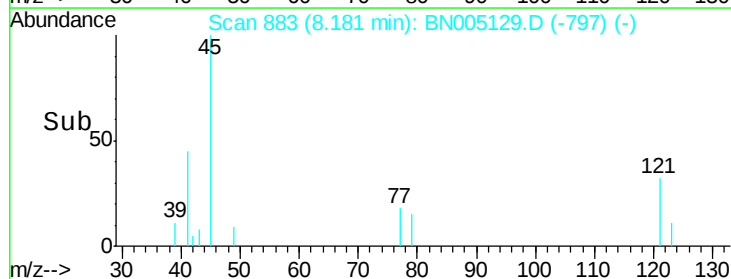
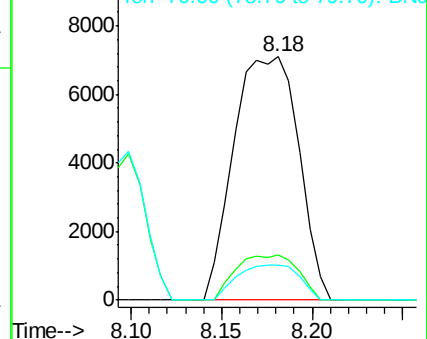
45 100

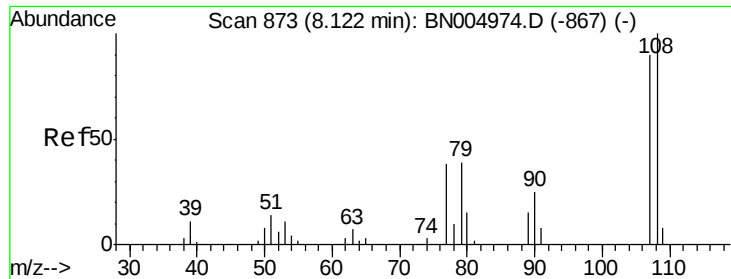
77 18.4 0.0 36.9

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

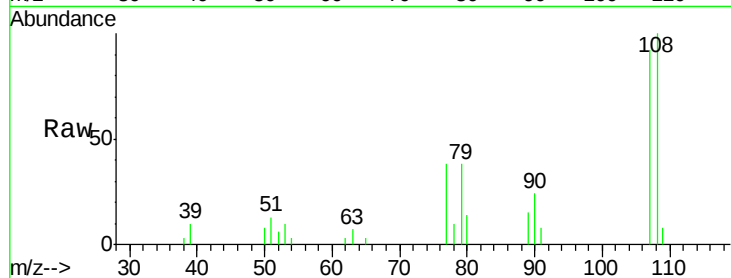




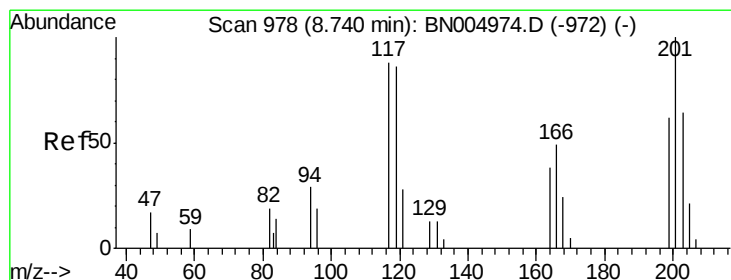
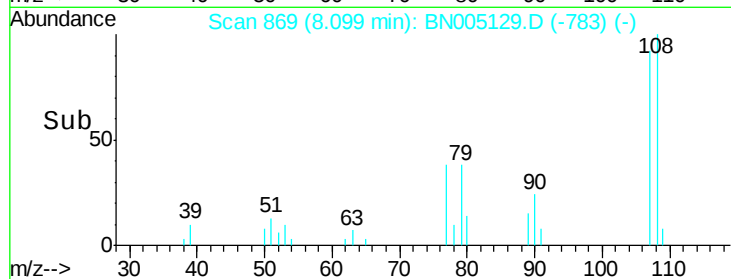
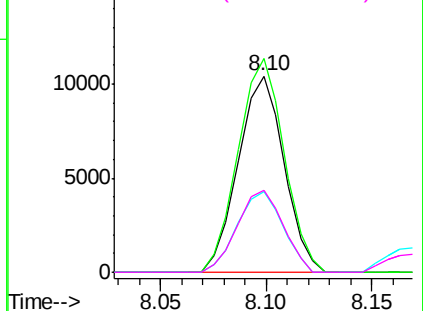
#17
2-Methylphenol
Concen: 34.475 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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

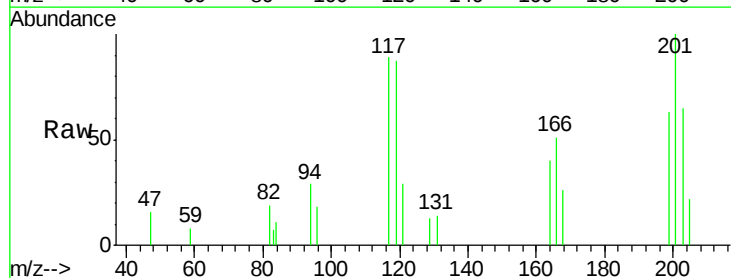


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

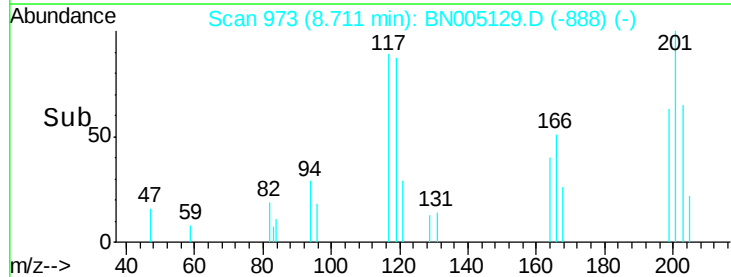
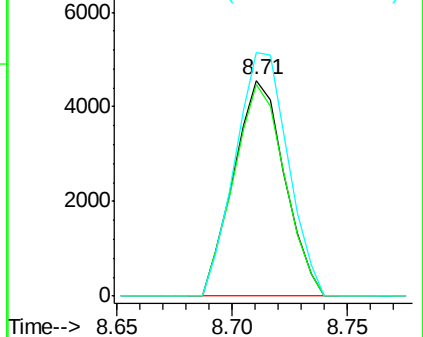


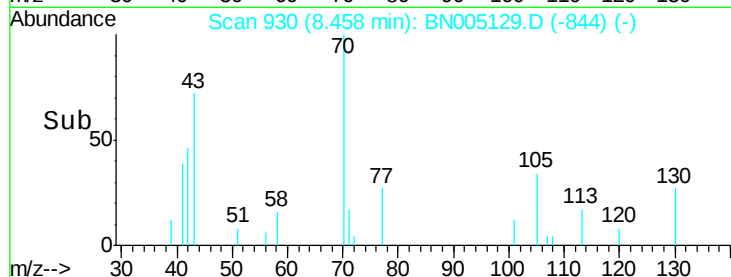
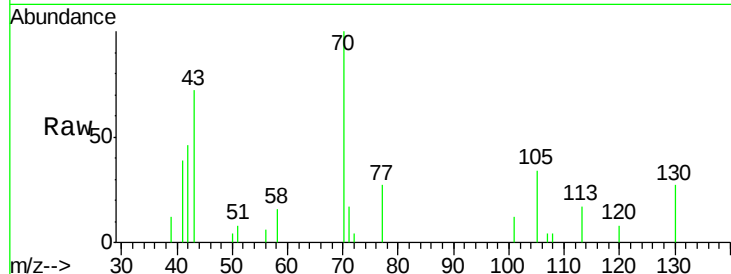
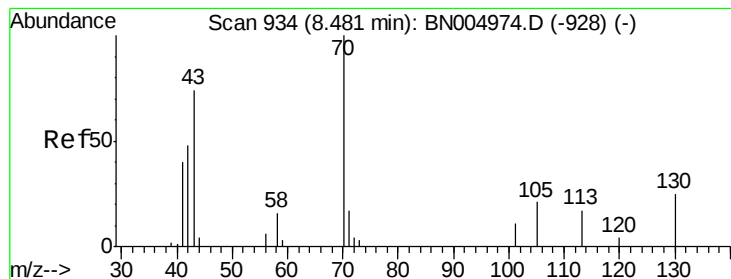
#18
Hexachloroethane
Concen: 30.742 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

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 :

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

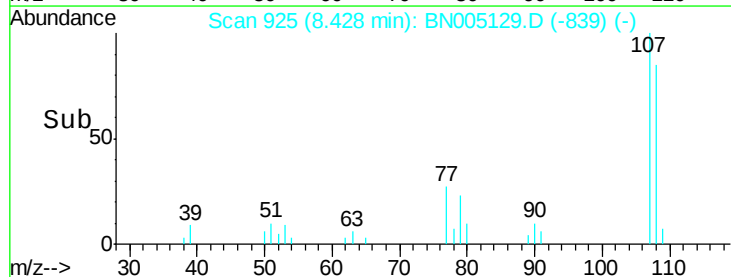
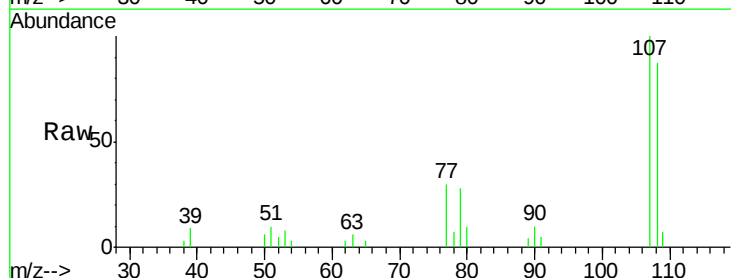
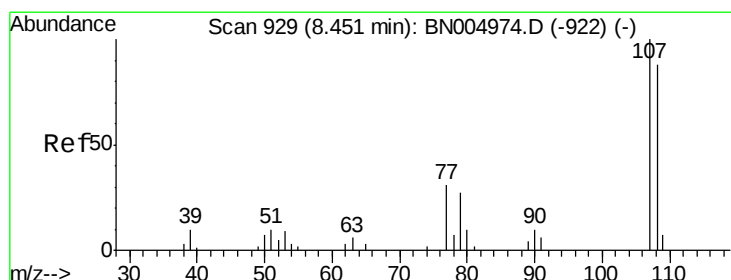
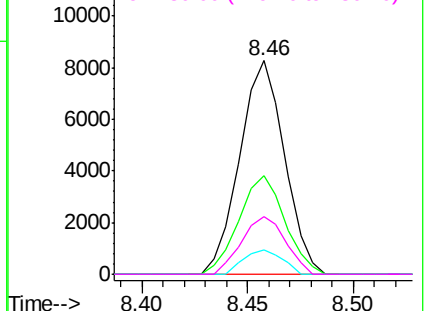
Abundance

Ion 70.00 (69.70 to 70.70): BN005129.D (-844) (-)

Ion 42.00 (41.70 to 42.70): BN005129.D (-844) (-)

Ion 101.00 (100.70 to 101.70): BN005129.D (-844) (-)

Ion 130.00 (129.70 to 130.70): BN005129.D (-844) (-)



#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

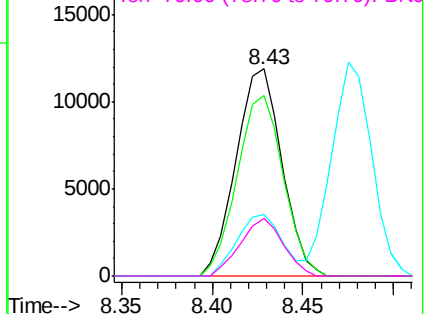
Abundance

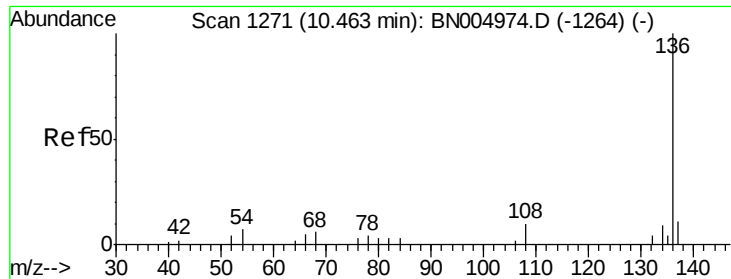
Ion 107.00 (106.70 to 107.70): BN005129.D (-839) (-)

Ion 108.00 (107.70 to 108.70): BN005129.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BN005129.D (-839) (-)

Ion 79.00 (78.70 to 79.70): BN005129.D (-839) (-)

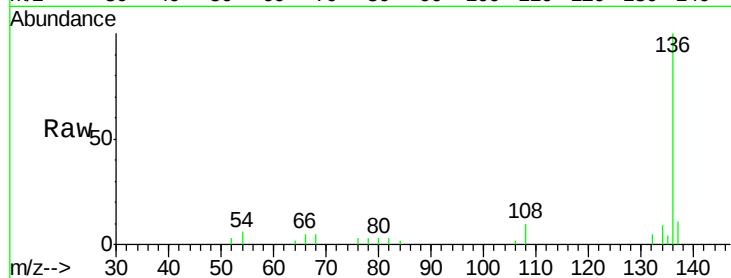




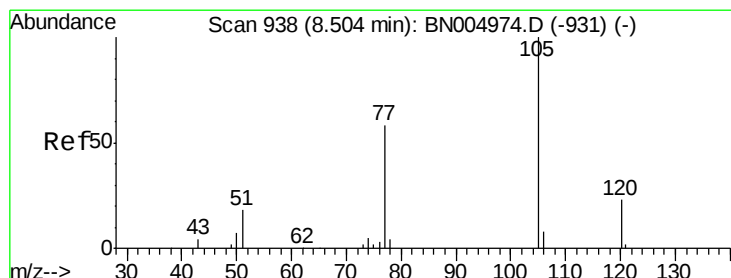
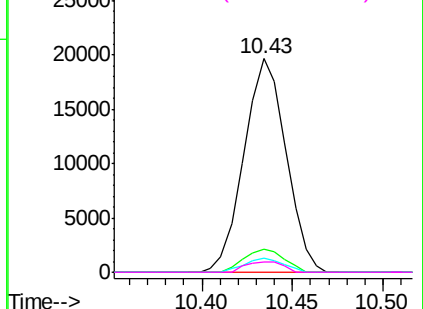
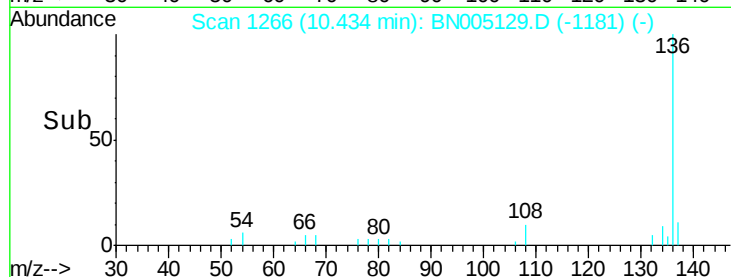
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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

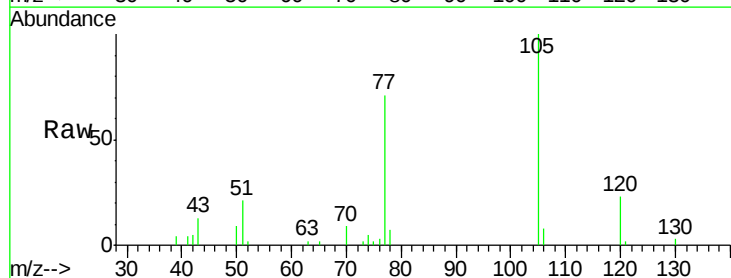


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

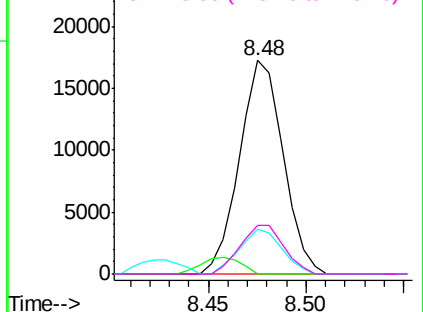
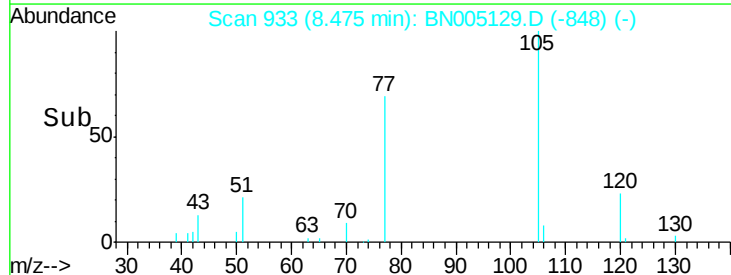


#22
Acetophenone
Concen: 36.888 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

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



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

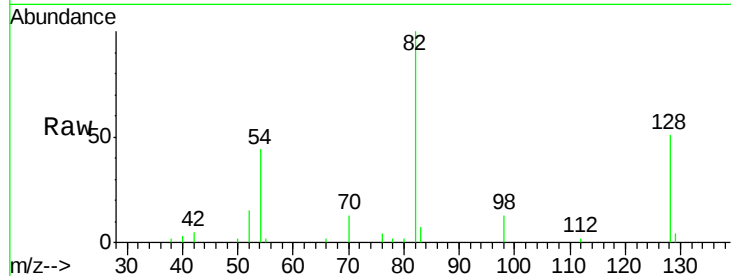




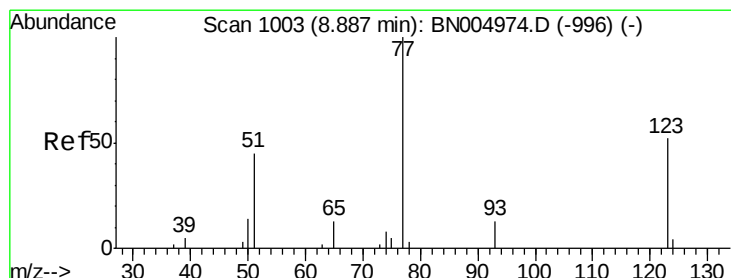
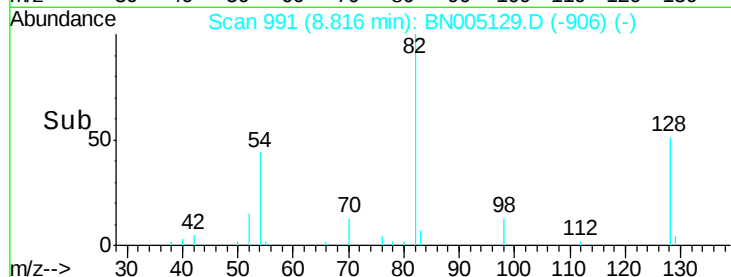
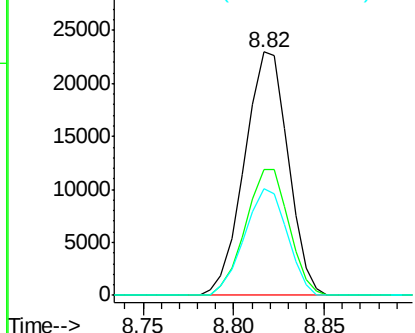
#23
Nitrobenzene-d5
Concen: 73.700 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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

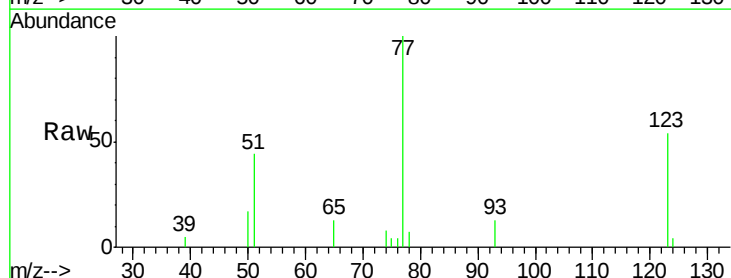


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): BN0
Ion 54.00 (53.70 to 54.70): BN0

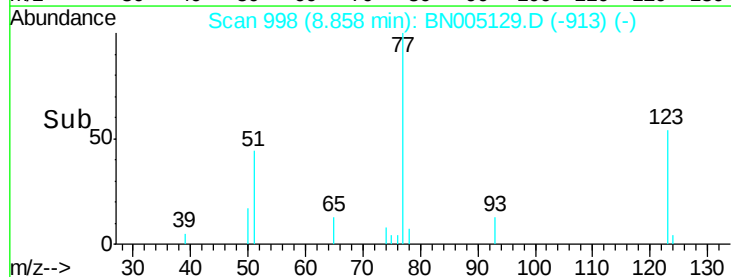
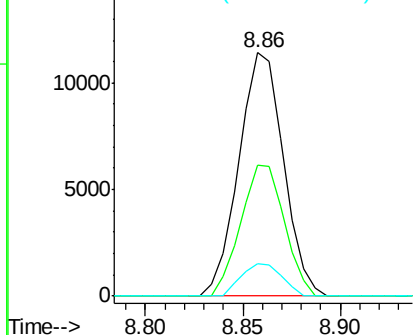


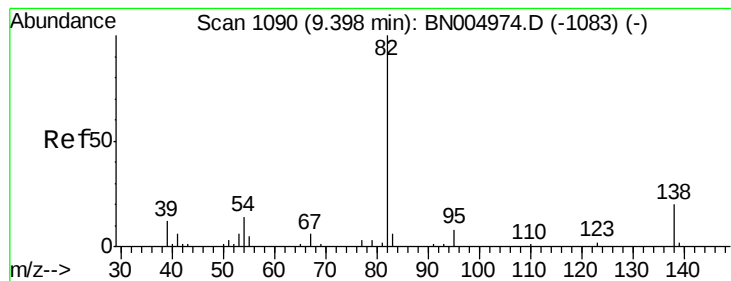
#24
Nitrobenzene
Concen: 34.145 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

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): BN0
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 :

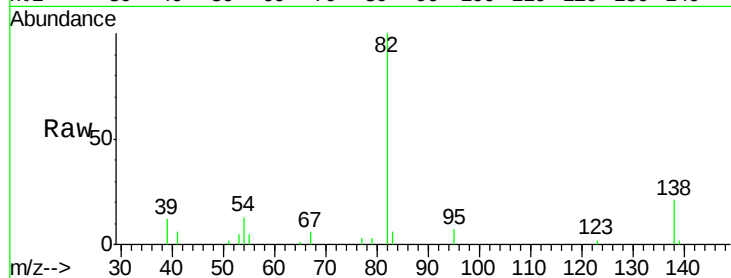
Tot Ion: 82 Resp: 33757

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

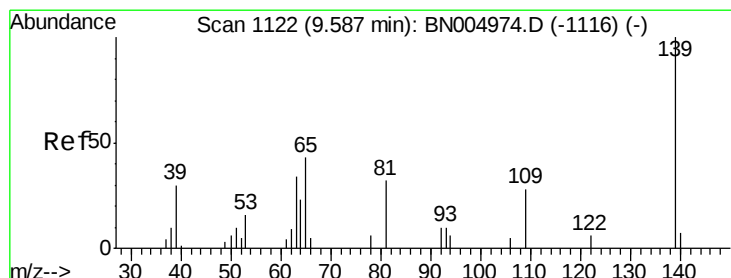
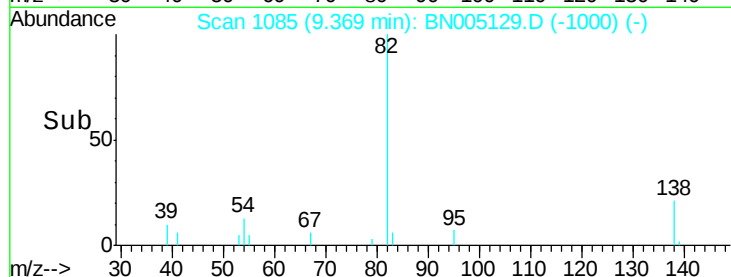
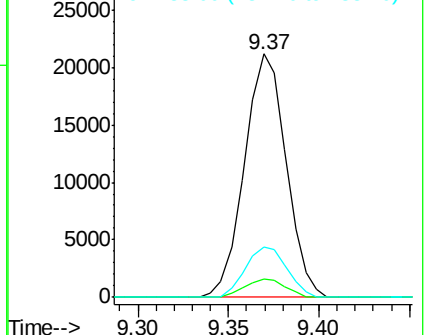
138 20.6 16.2 24.2



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

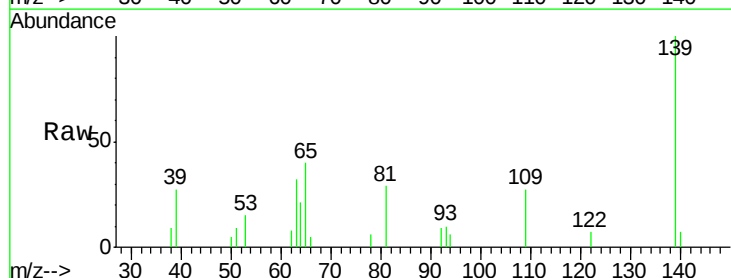
Tgt Ion: 139 Resp: 10578

Ion Ratio Lower Upper

139 100

109 27.2 22.5 33.7

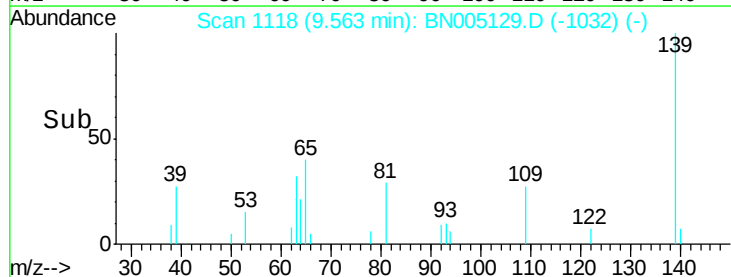
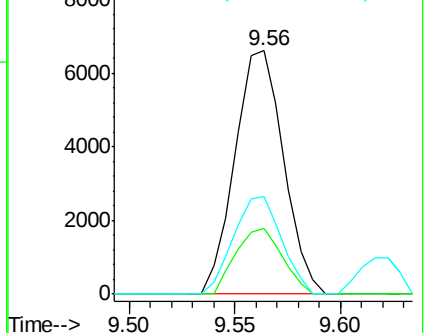
65 40.2 34.2 51.4

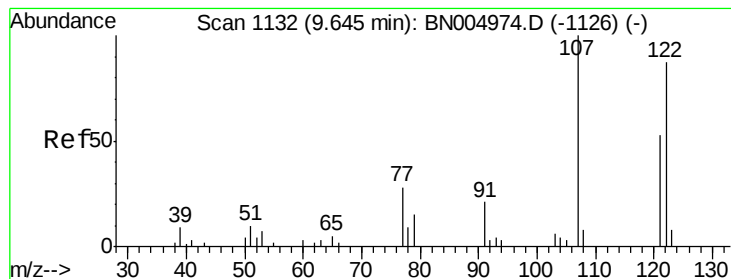


Abundance Ion 139.00 (138.70 to 139.70): BNC

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 :

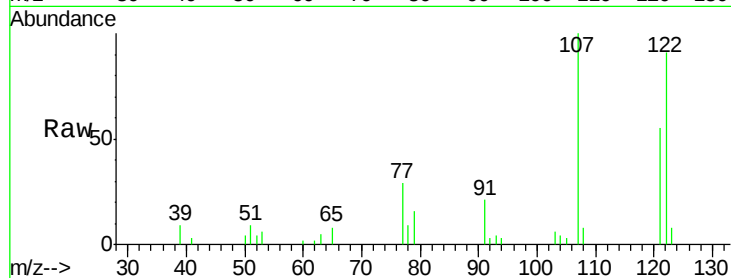
Tot Ion:122 Resp: 17767

Ion Ratio Lower Upper

122 100

107 109.4 91.6 137.4

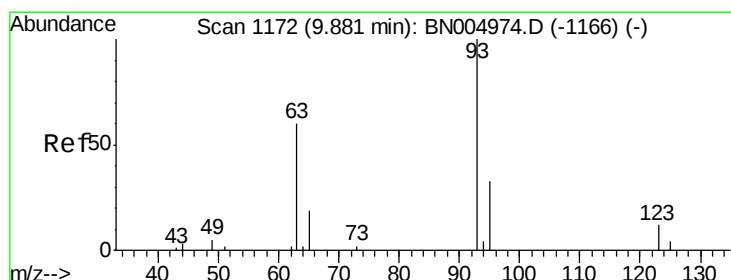
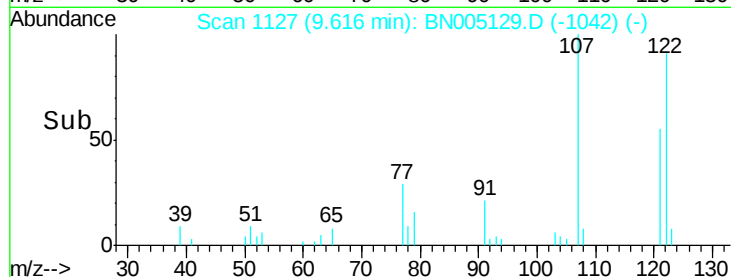
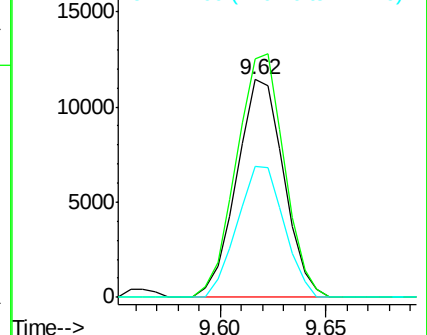
121 60.1 48.2 72.2



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

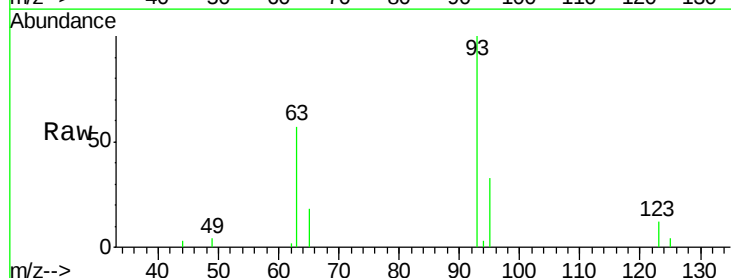
Tgt Ion: 93 Resp: 21686

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

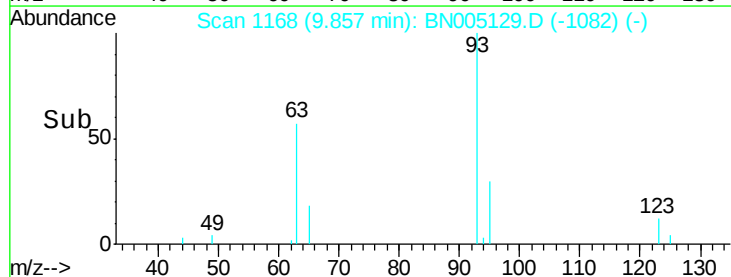
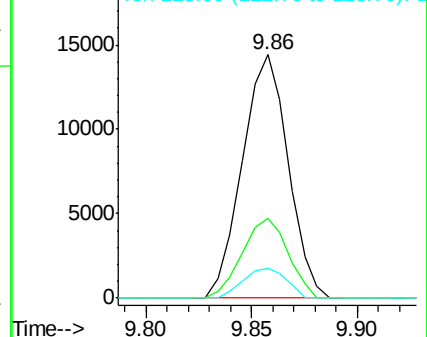
123 12.5 9.8 14.8

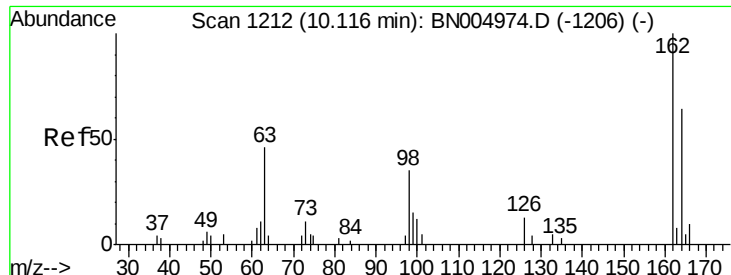


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

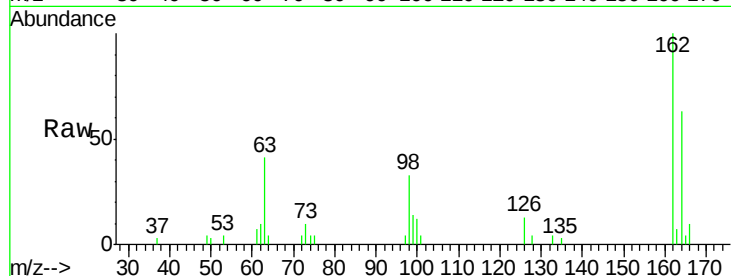




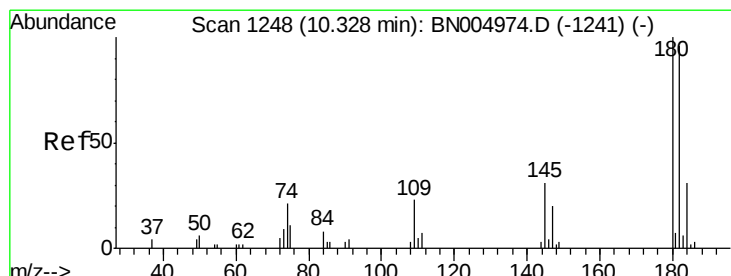
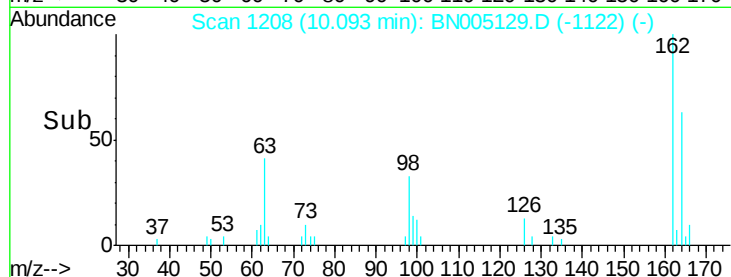
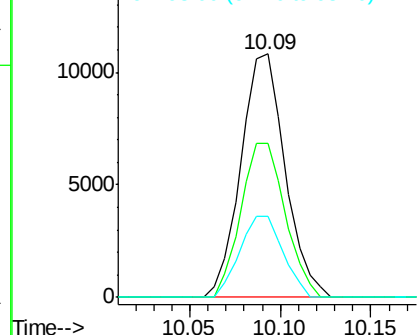
#29
 2,4-Dichlorophenol
 Concen: 37.230 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

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

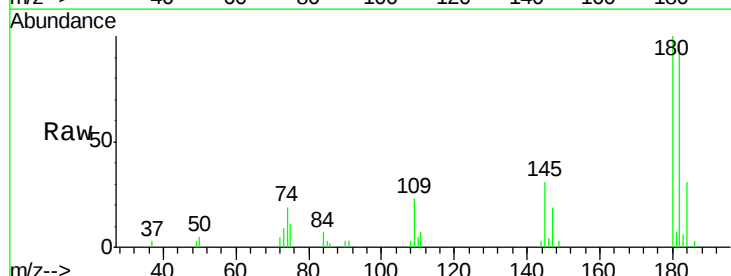


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

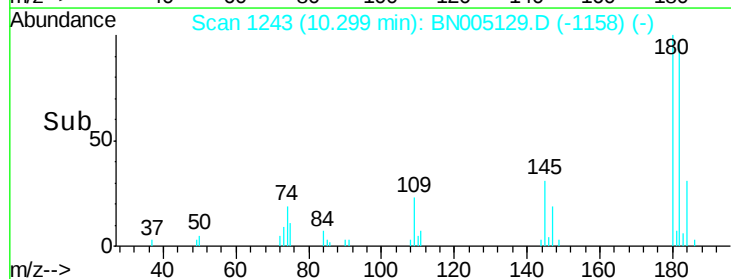
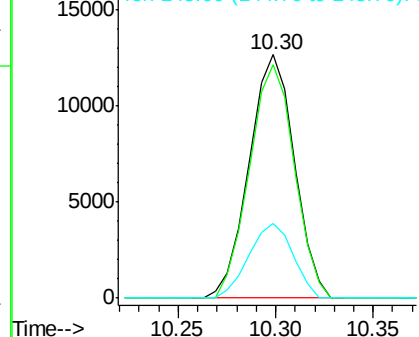


#30
 1,2,4-Trichlorobenzene
 Concen: 37.464 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

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

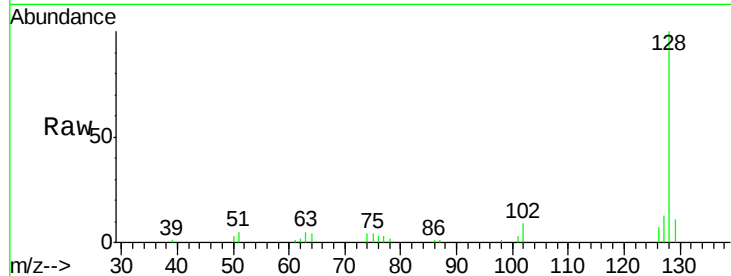




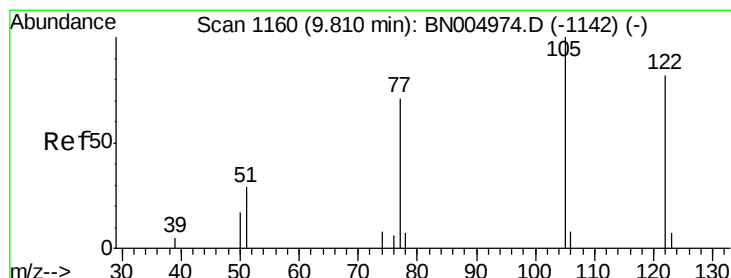
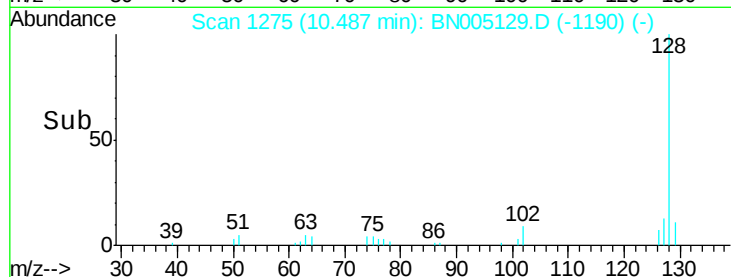
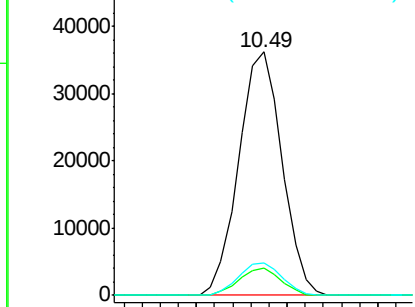
#31
Naphthalene
Concen: 36.291 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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

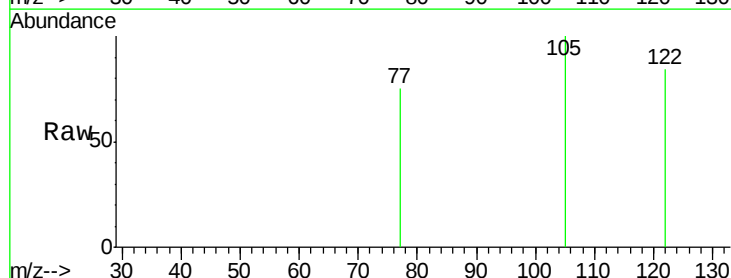


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

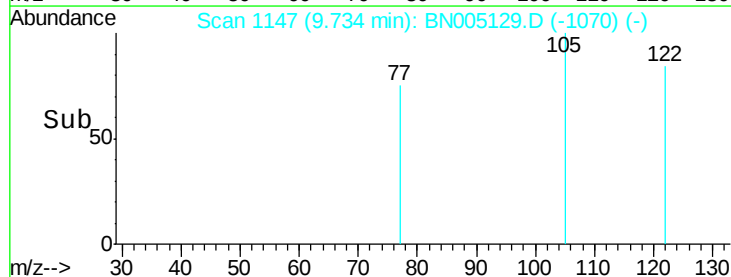
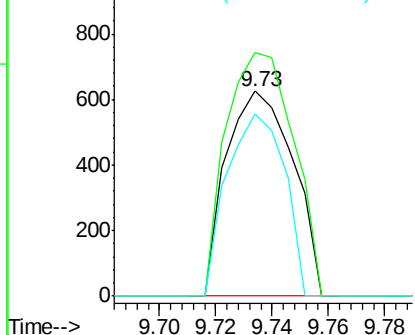


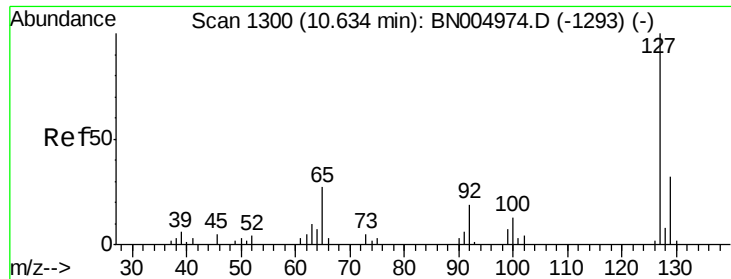
#32
Benzoic acid
Concen: 8.319 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:122 Resp: 1024
Ion Ratio Lower Upper
122 100
105 118.9 102.4 142.4
77 89.0 67.1 107.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

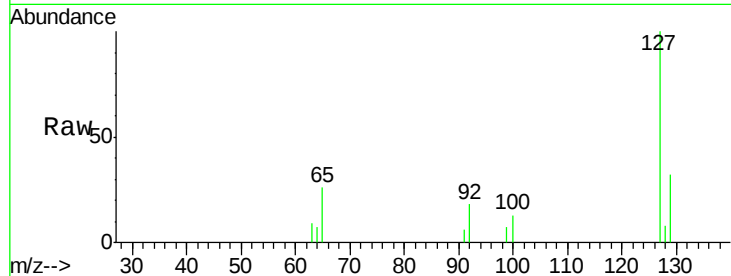




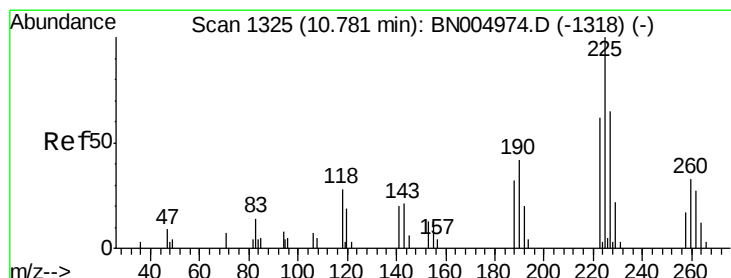
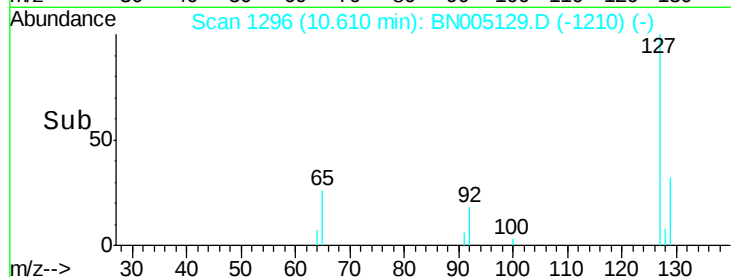
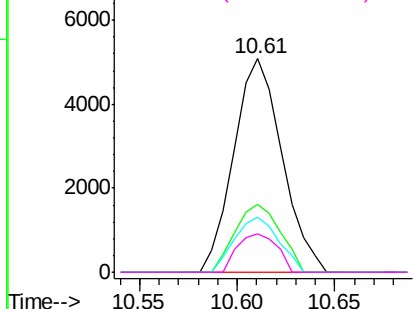
#33
4-Chloroaniline
Concen: 12.931 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

Tot 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

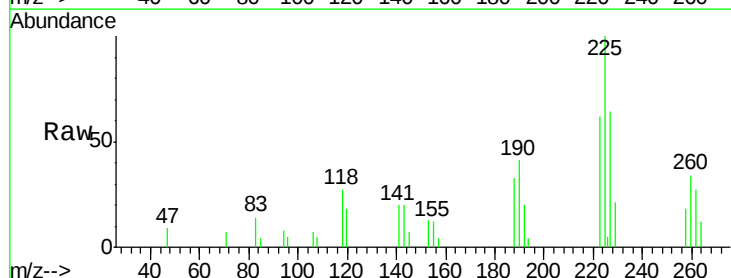


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

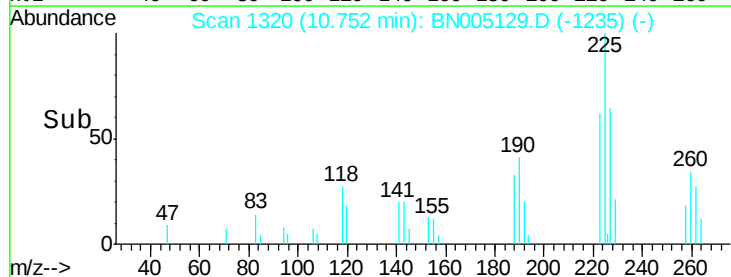
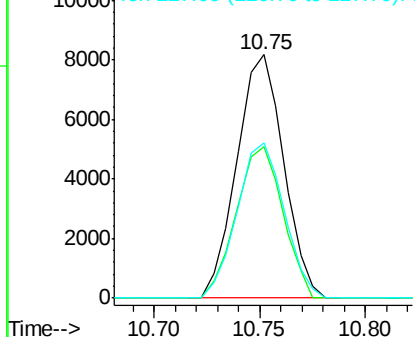


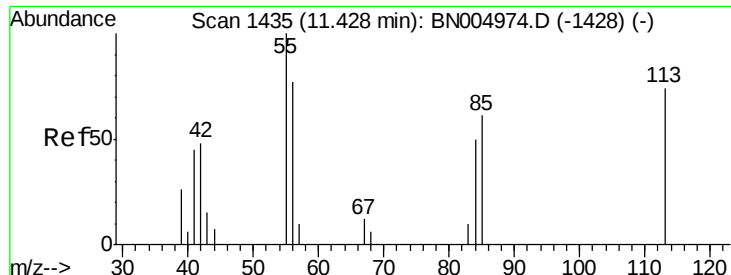
#34
Hexachlorobutadiene
Concen: 35.844 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt 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

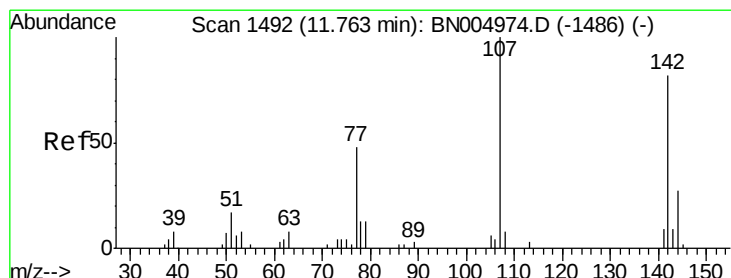
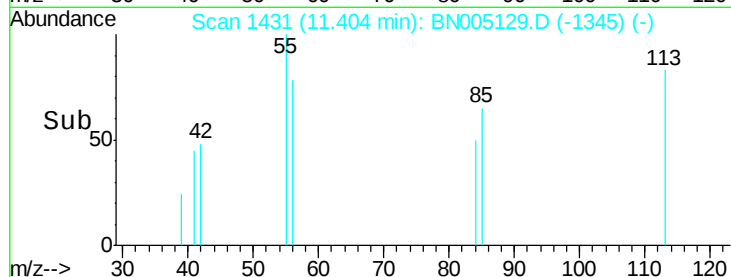
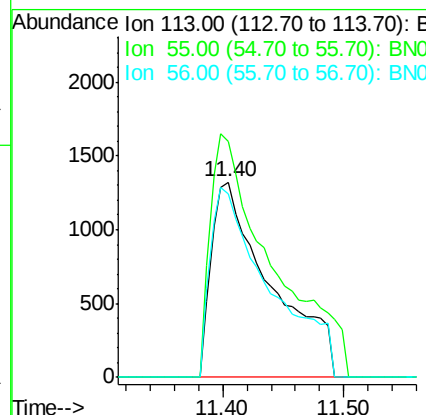
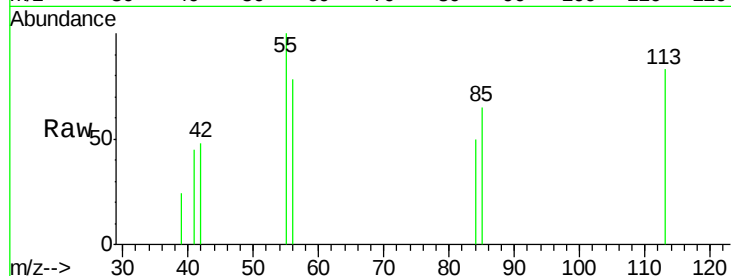




#35
 Caprolactam
 Concen: 27.862 ng
 RT: 11.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

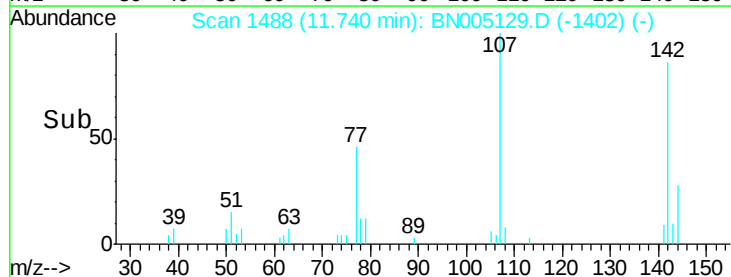
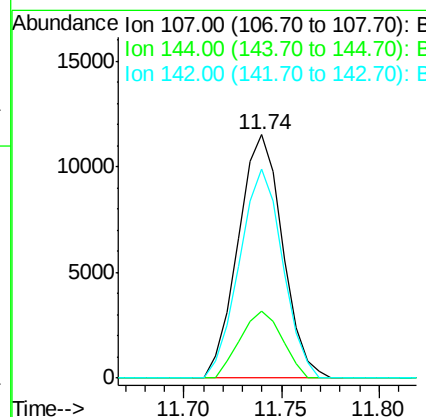
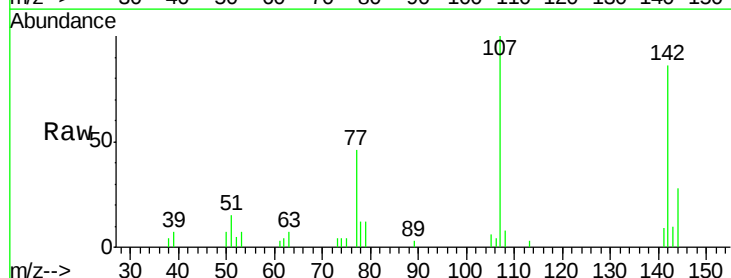
Instrument :
 BNA_N
 ClientSampleId :

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



#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

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

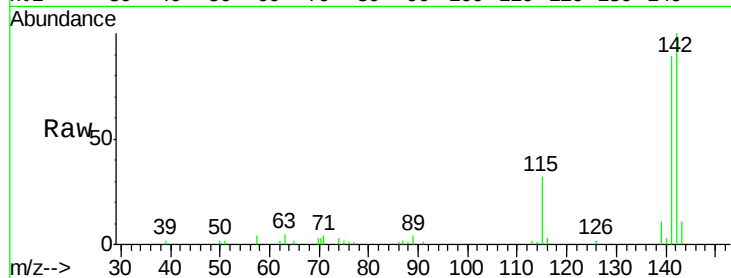




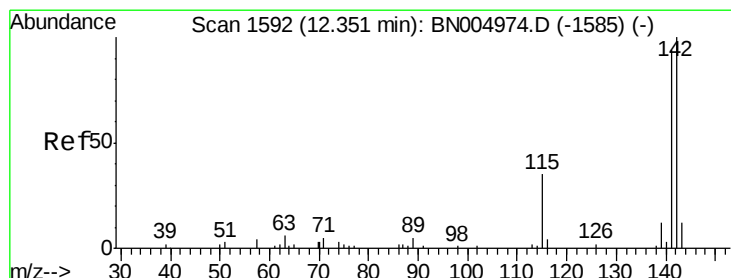
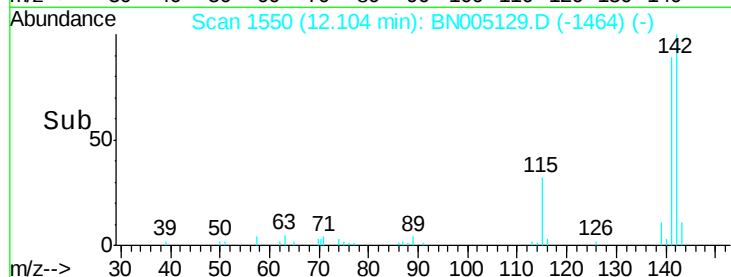
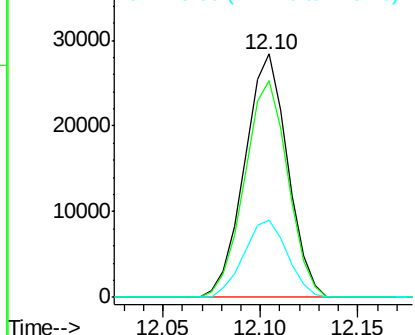
#37
2-Methylnaphthalene
Concen: 37.056 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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

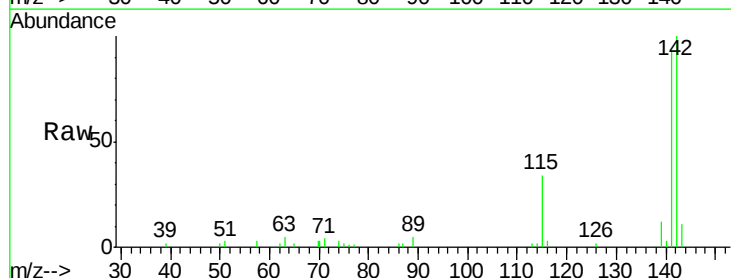


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

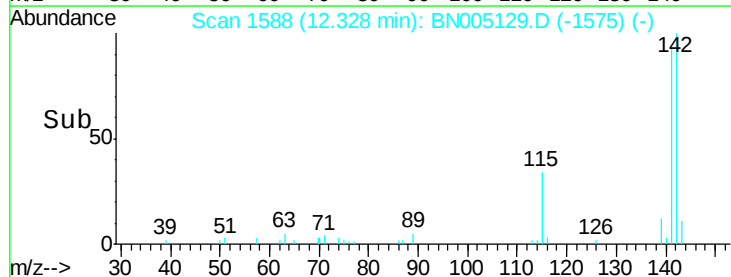
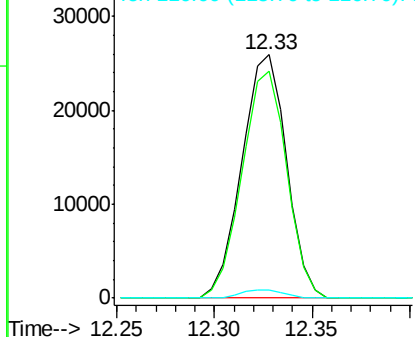


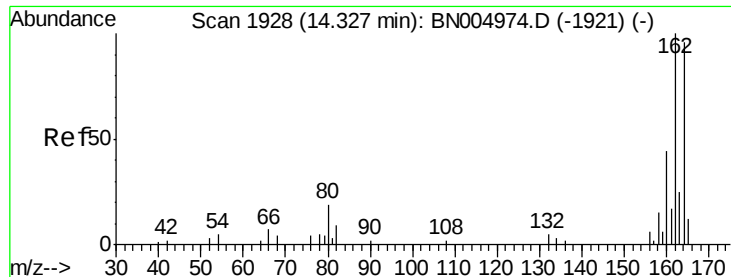
#38
1-Methylnaphthalene
Concen: 35.897 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt 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

Instrument :

BNA_N

ClientSampleId :

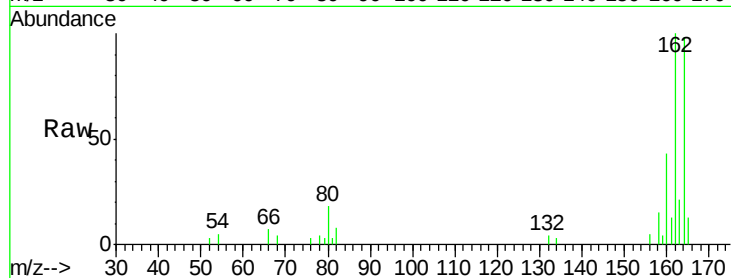
Tot Ion:164 Resp: 16735

Ion Ratio Lower Upper

164 100

162 102.1 83.4 125.0

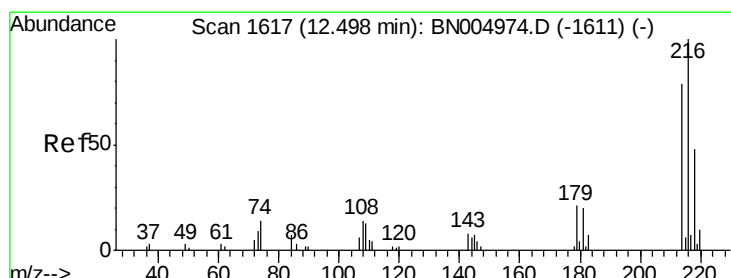
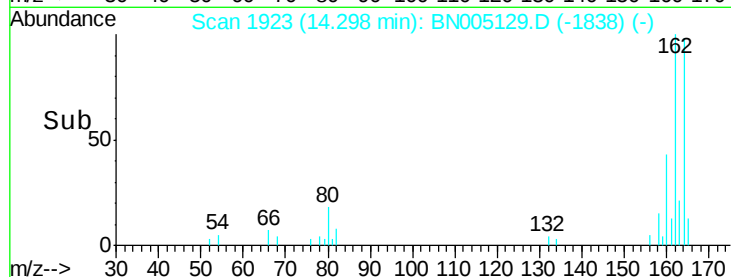
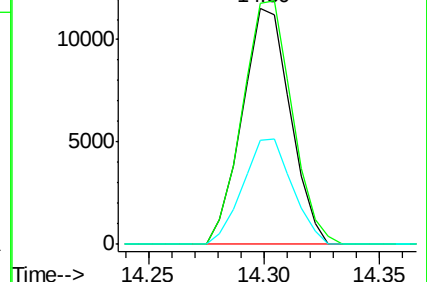
160 44.2 36.6 55.0



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

Tgt Ion:216 Resp: 23196

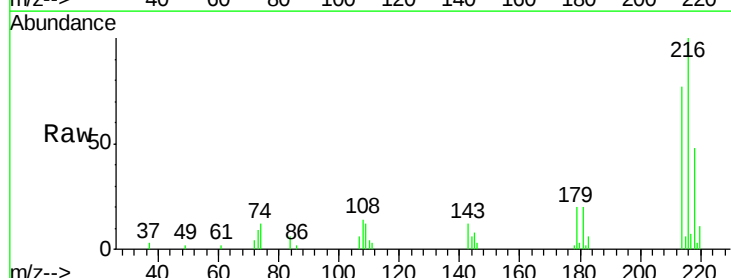
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 19.9 16.4 24.6

108 16.6 12.7 19.1

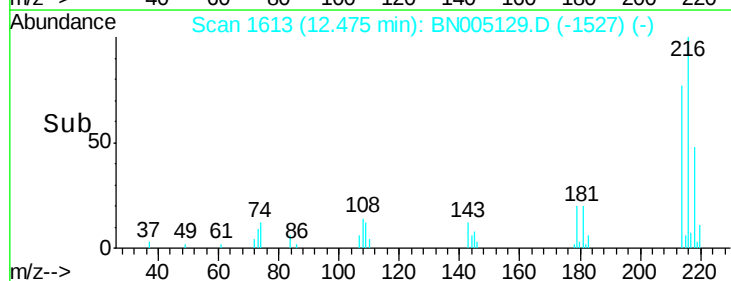
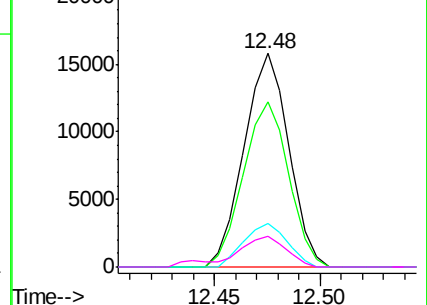


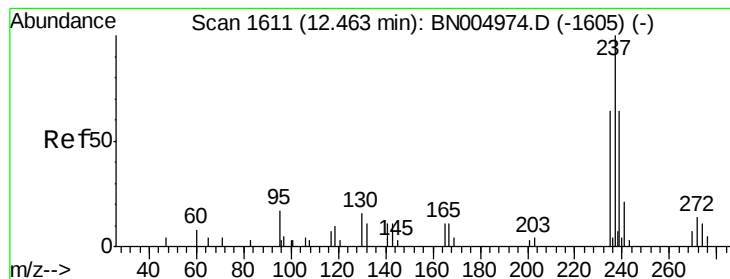
Abundance Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_N

ClientSampled :

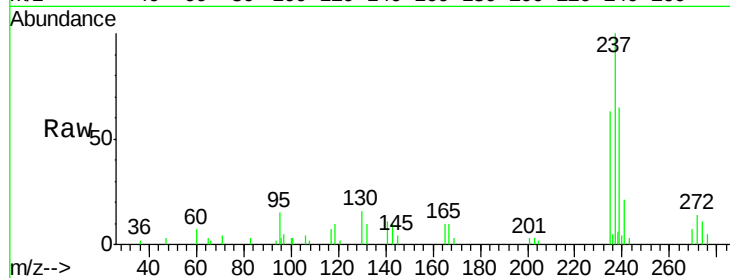
Tot Ion:237 Resp: 27413

Ion Ratio Lower Upper

237 100

235 63.3 43.6 83.6

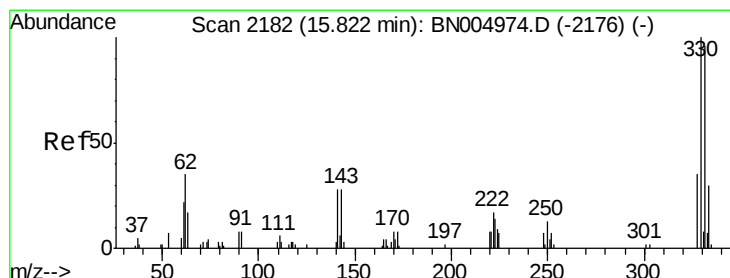
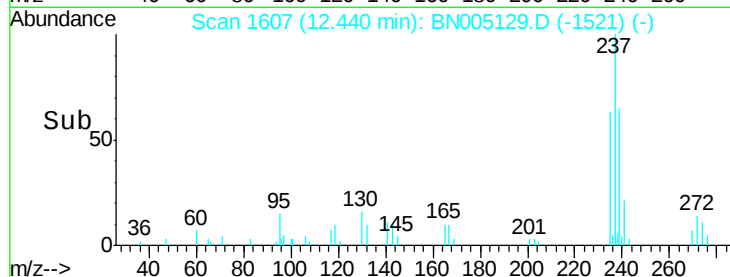
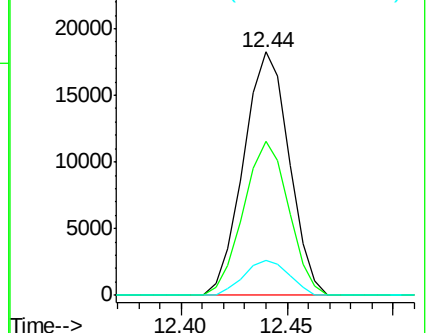
272 14.4 0.0 33.5



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

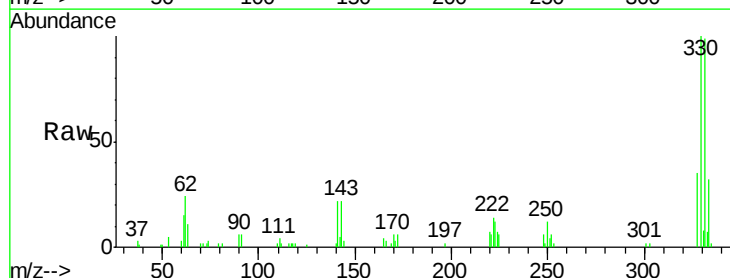
Tgt Ion:330 Resp: 33556

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

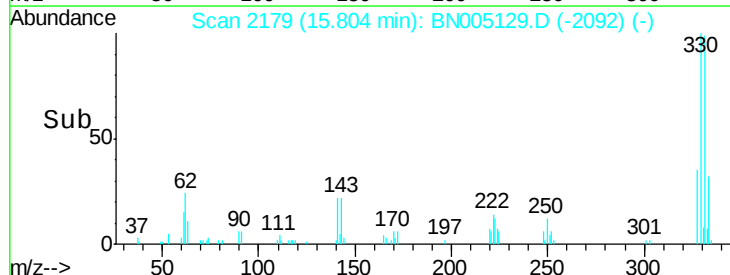
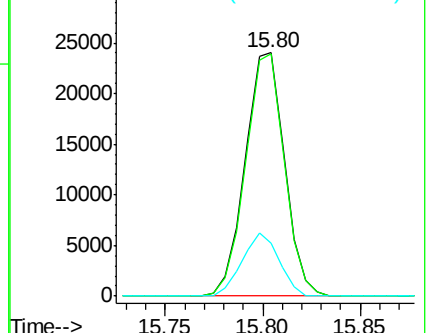
141 24.0 22.1 33.1

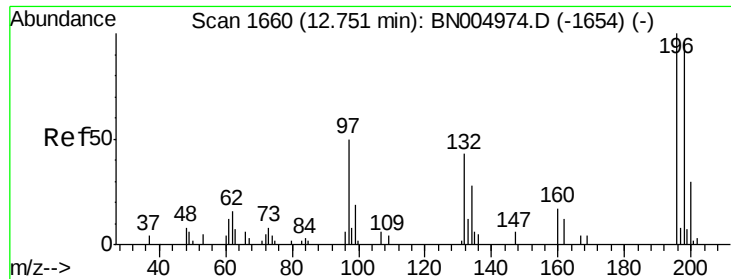


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

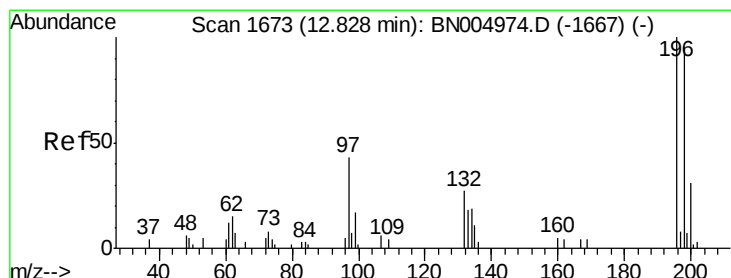
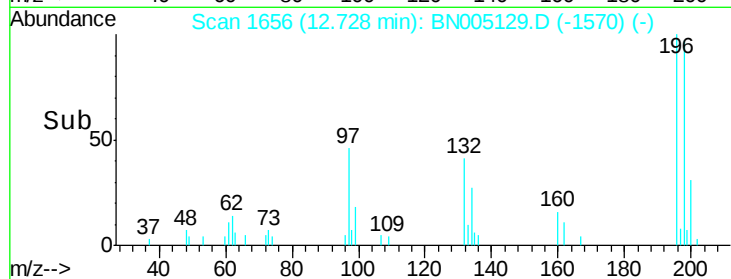
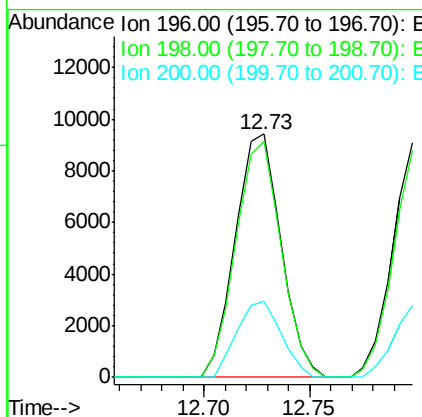
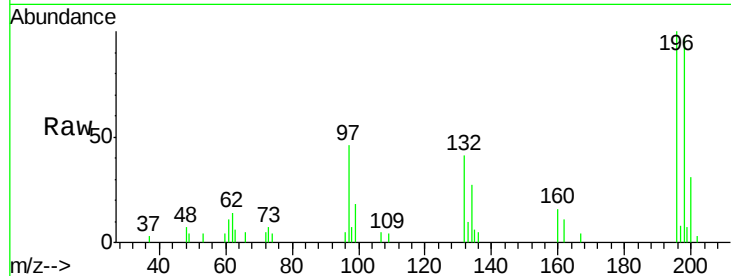




#43
 2,4,6-Trichlorophenol
 Concen: 38.508 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

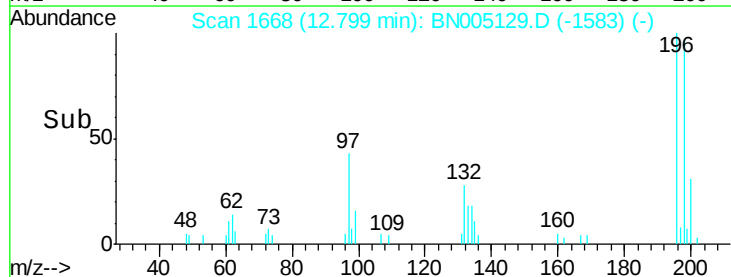
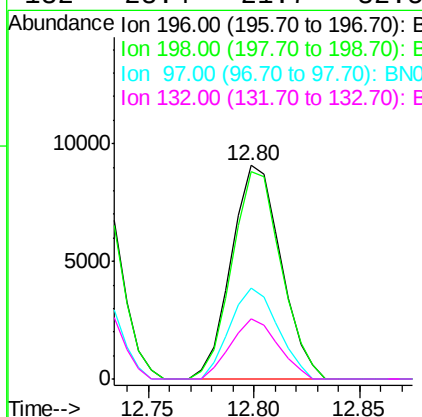
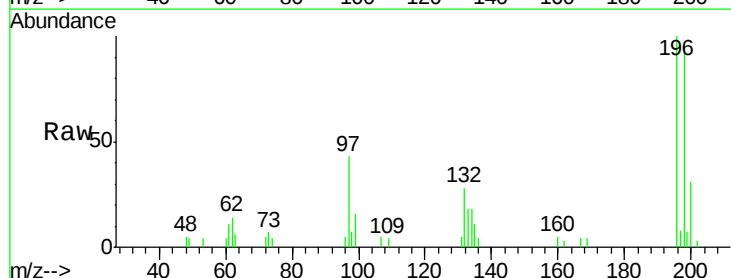
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 14183
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.5 114.7
 200 31.1 24.0 36.0



#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

Tgt 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

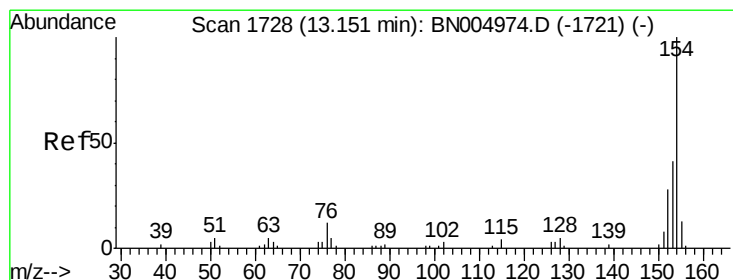
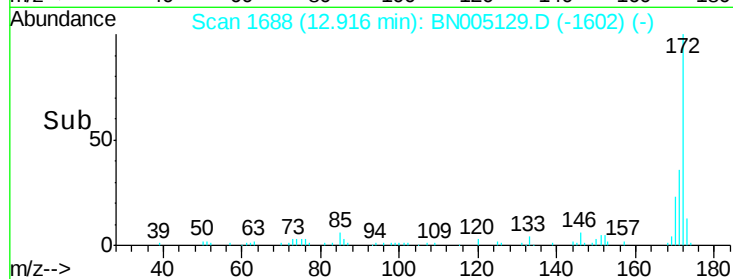
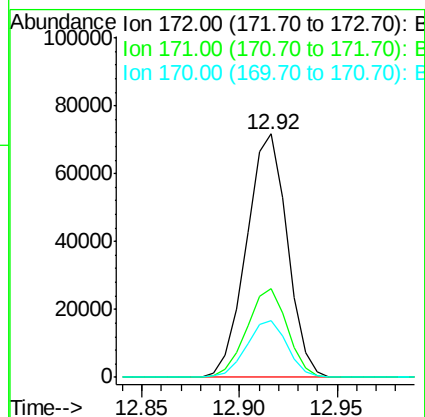
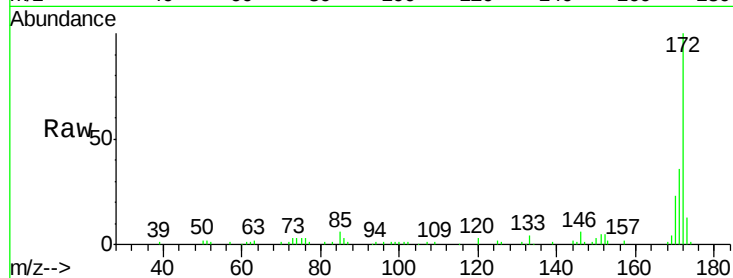




#45
2-Fluorobiphenyl
Concen: 82.101 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

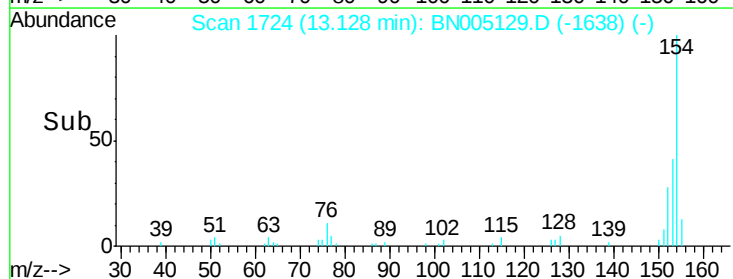
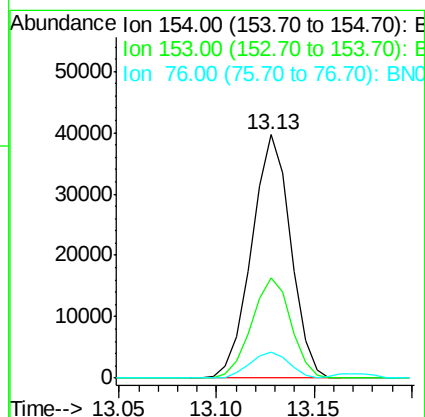
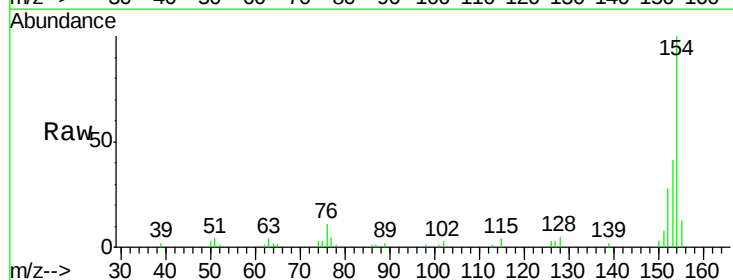
Instrument :
BNA_N
ClientSampleId :

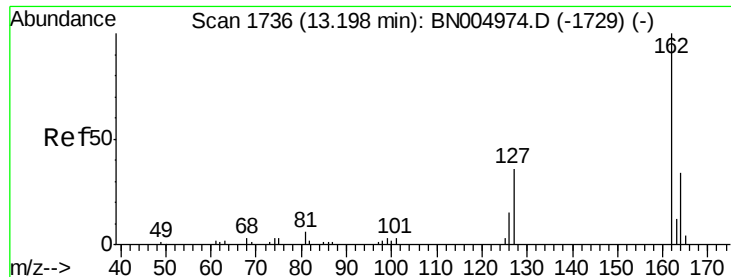
Tot Ion:172 Resp: 103685
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 23.0 18.9 28.3



#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

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

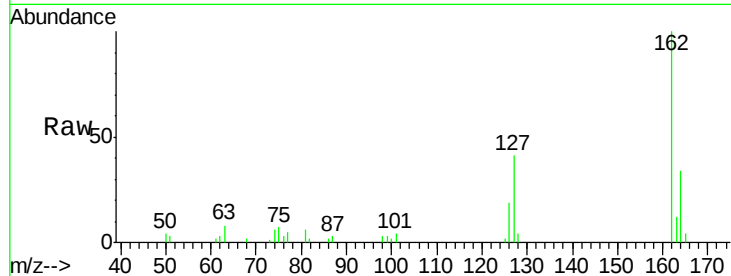




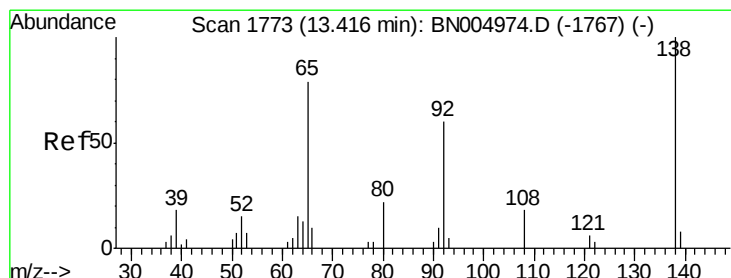
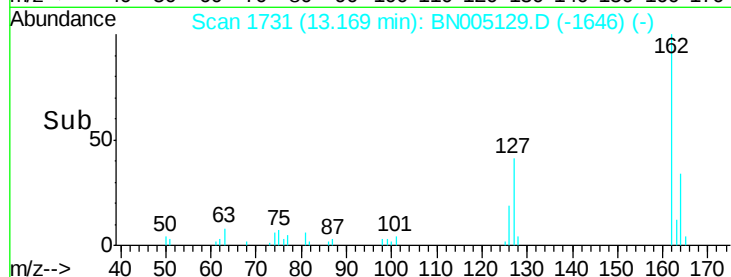
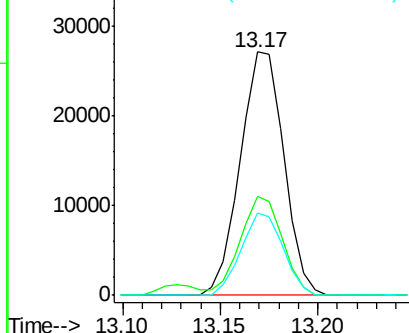
#47
 2-Chloronaphthalene
 Concen: 38.786 ng
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.4	48.6
164	33.9	26.8	40.2

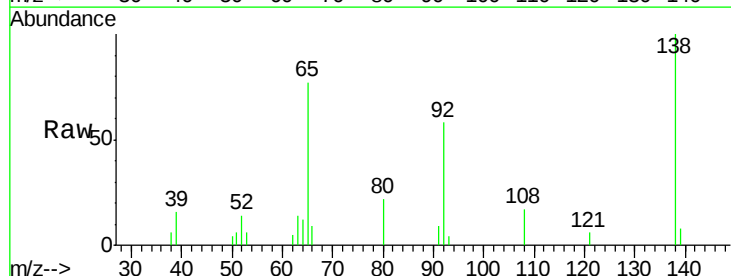


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

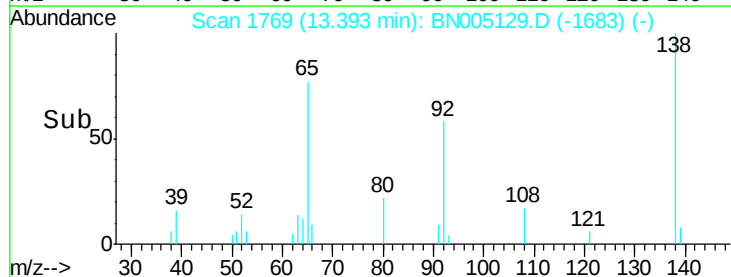
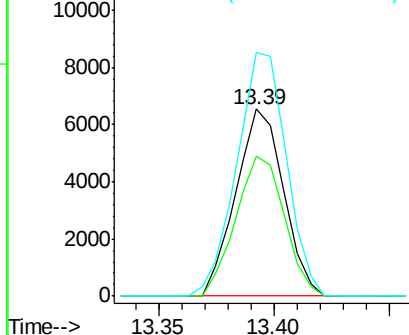


#48
 2-Nitroaniline
 Concen: 32.589 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.2	90.4
138	130.1	101.1	151.7



Abundance Ion 65.00 (64.70 to 65.70): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): E





#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

Instrument :

BNA_N

ClientSampleId :

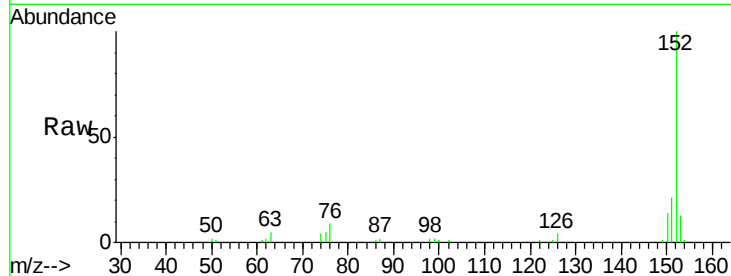
Tot Ion:152 Resp: 66597

Ion Ratio Lower Upper

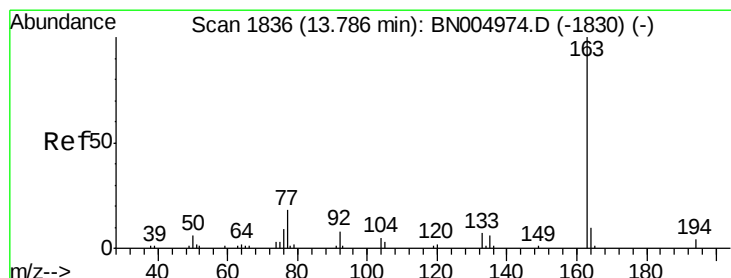
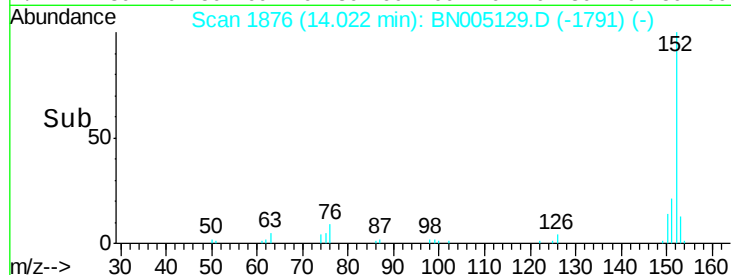
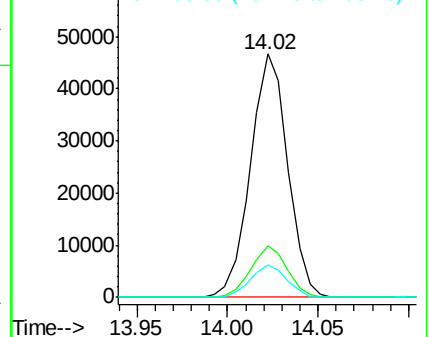
152 100

151 20.9 16.2 24.2

153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#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

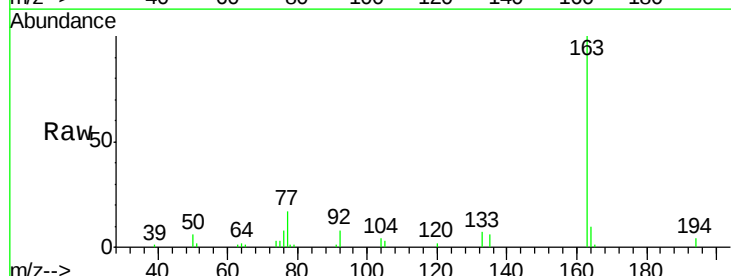
Tgt Ion:163 Resp: 60858

Ion Ratio Lower Upper

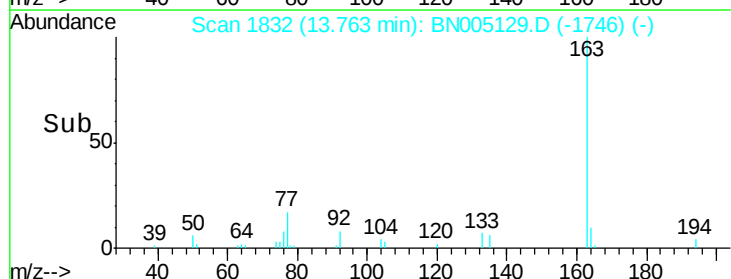
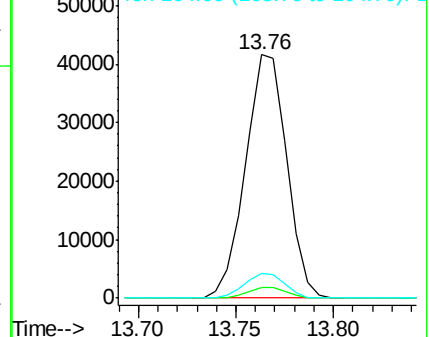
163 100

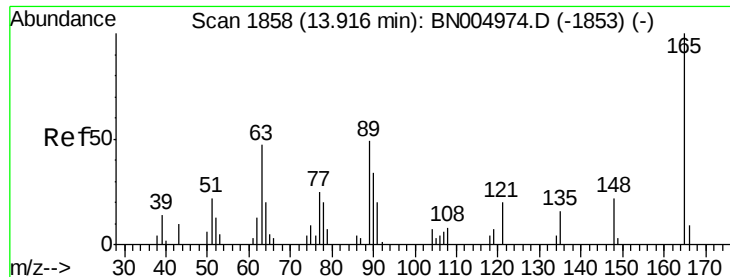
194 4.5 3.4 5.0

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

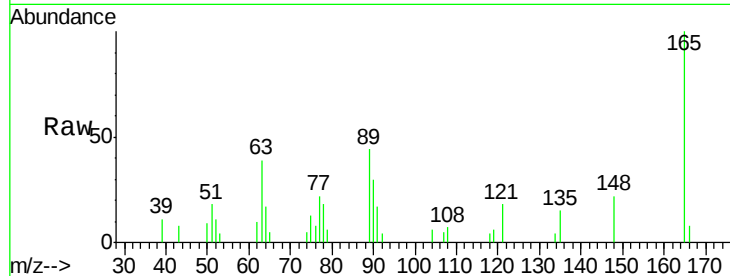




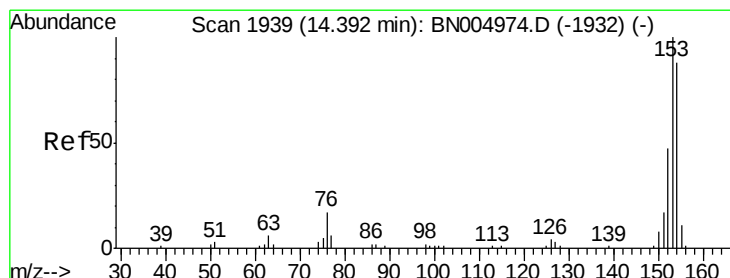
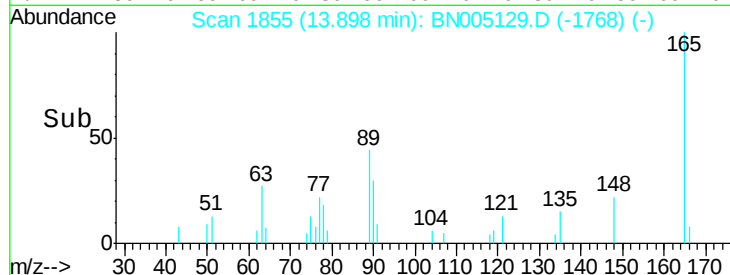
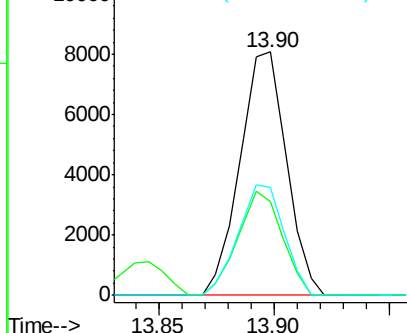
#51
 2,6-Dinitrotoluene
 Concen: 36.317 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	37.3	55.9
89	44.3	39.2	58.8

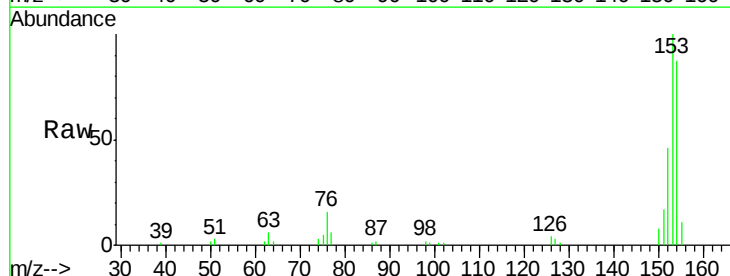


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

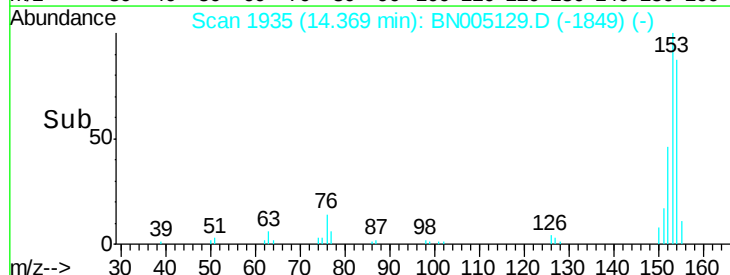
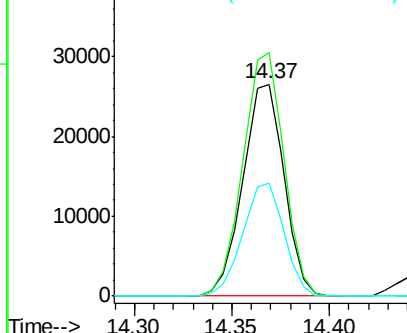


#52
 Acenaphthene
 Concen: 37.790 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt 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

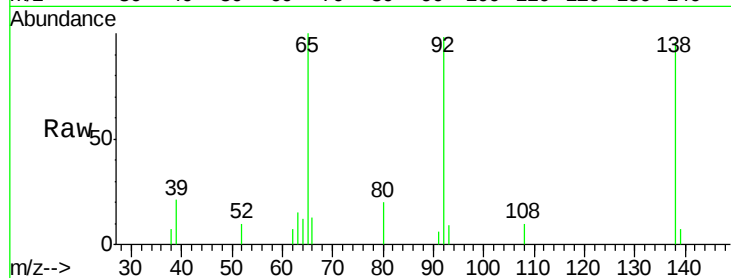




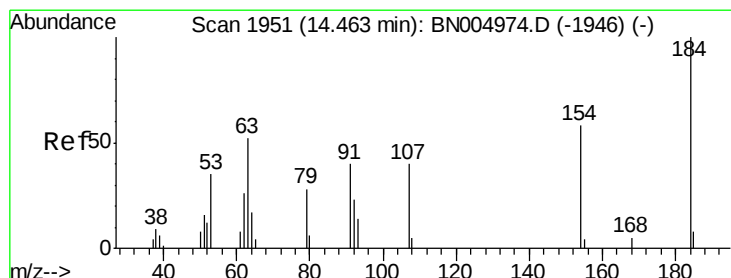
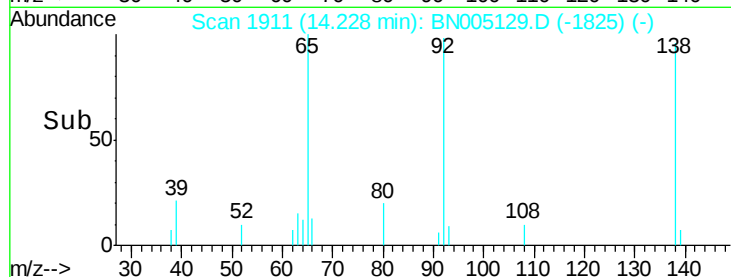
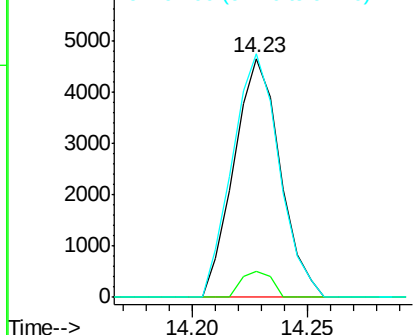
#53
 3-Nitroaniline
 Concen: 20.318 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:138 Resp: 6497
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.6 12.8
 92 102.0 86.9 130.3

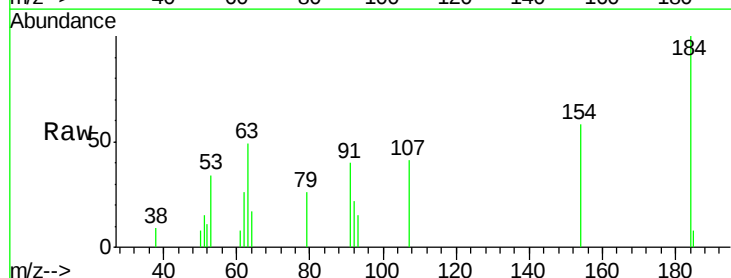


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNC

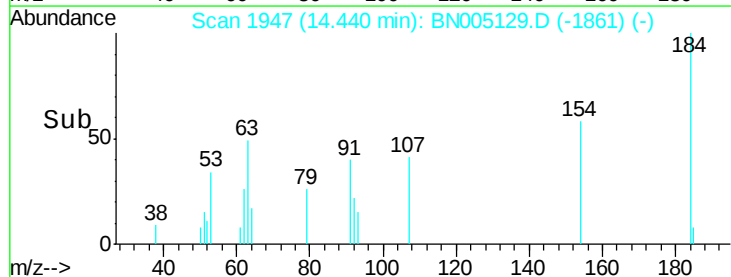
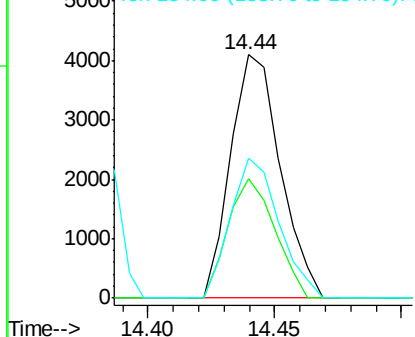


#54
 2,4-Dinitrophenol
 Concen: 34.516 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

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



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

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

Instrument :

BNA_N

ClientSampled :

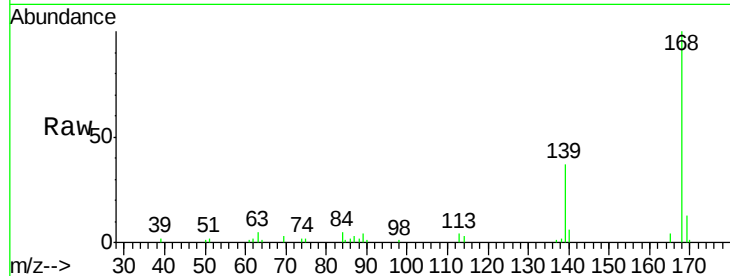
Tot Ion:168 Resp: 61166

Ion Ratio Lower Upper

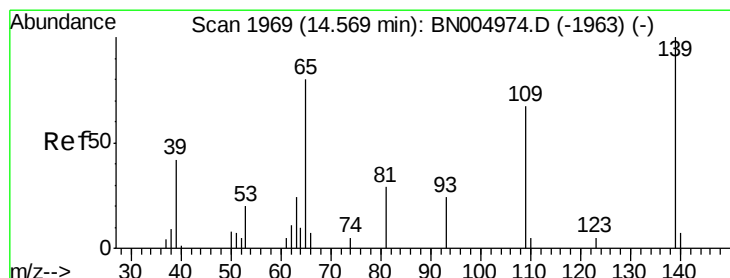
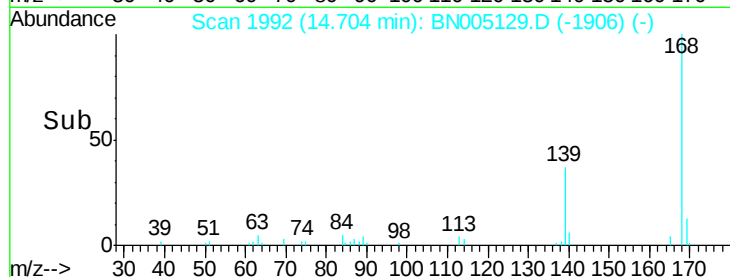
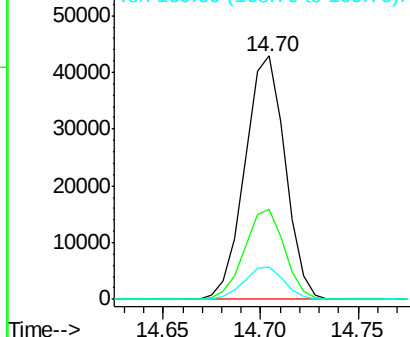
168 100

139 37.0 29.9 44.9

169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#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

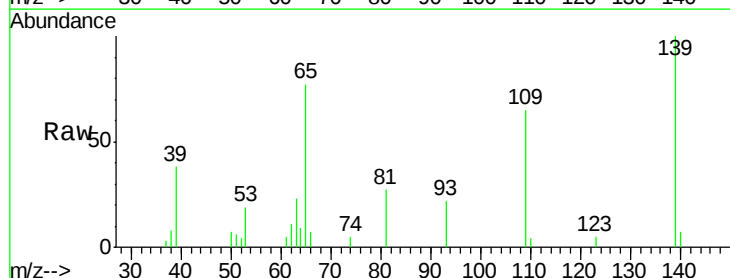
Tgt Ion:139 Resp: 14740

Ion Ratio Lower Upper

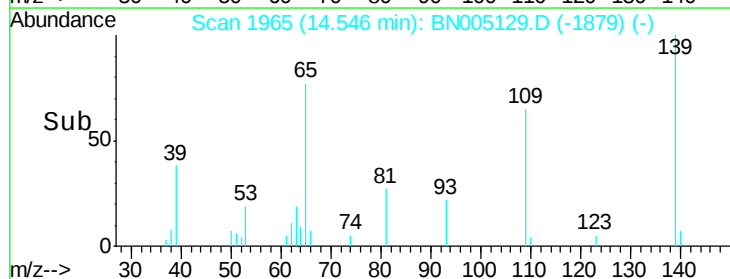
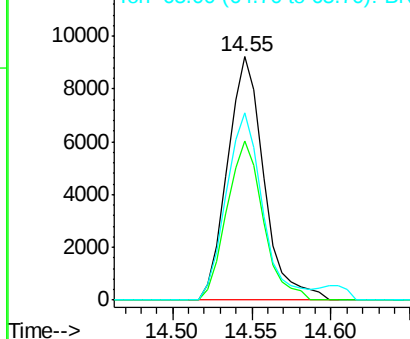
139 100

109 65.4 46.5 86.5

65 77.1 59.5 99.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNC

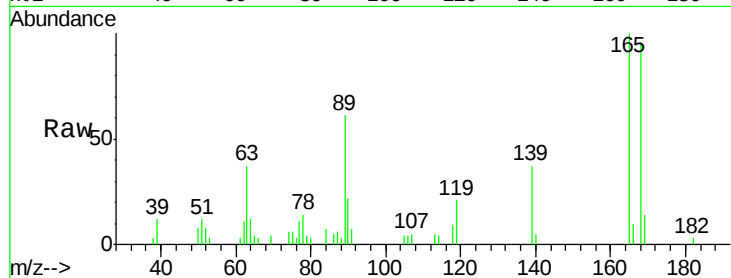




#57
 2,4-Dinitrotoluene
 Concen: 35.152 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot 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

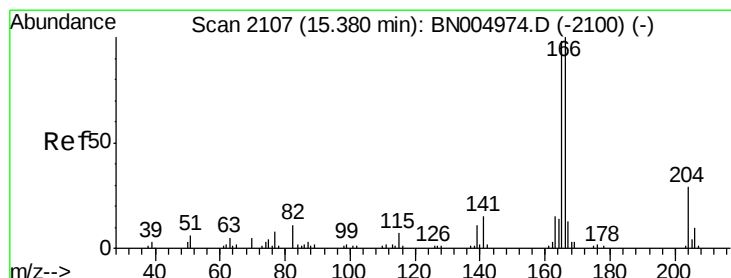
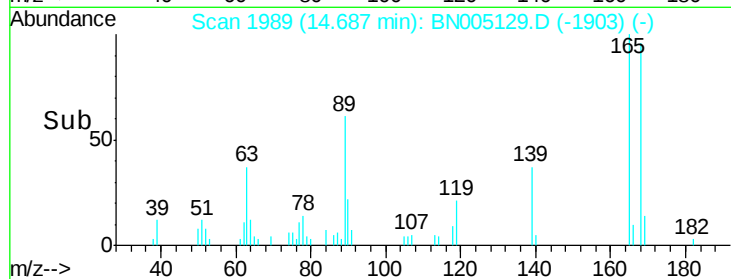
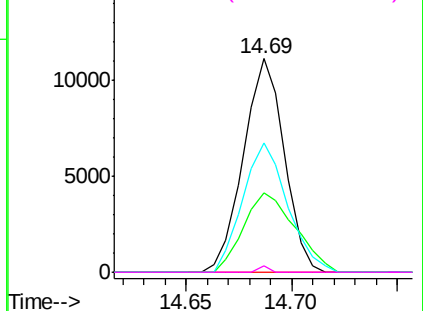


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

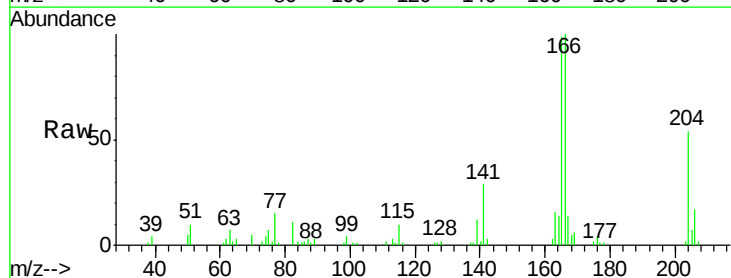
Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E



#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

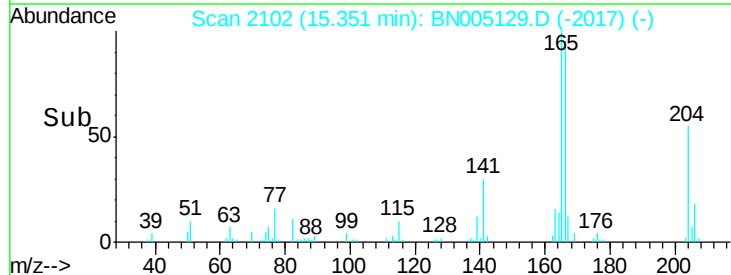
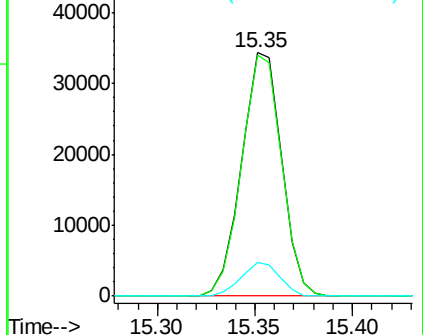
Tgt Ion:166	Resp:	48794
Ion Ratio	Lower	Upper
166	100	
165	99.0	78.3 117.5
167	13.9	10.6 15.8



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

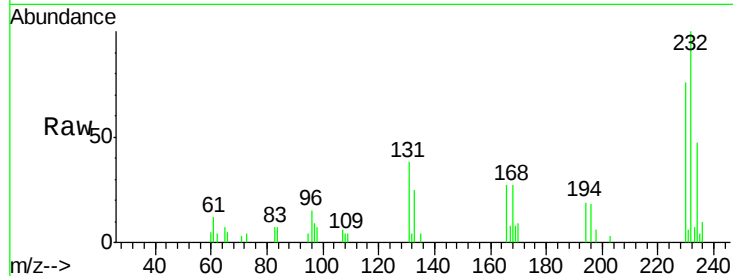




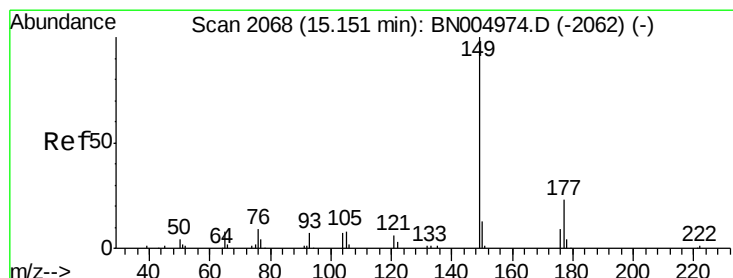
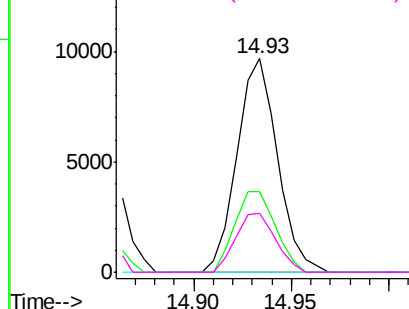
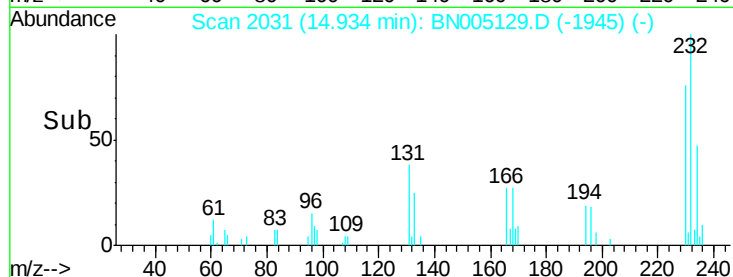
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.303 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot 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

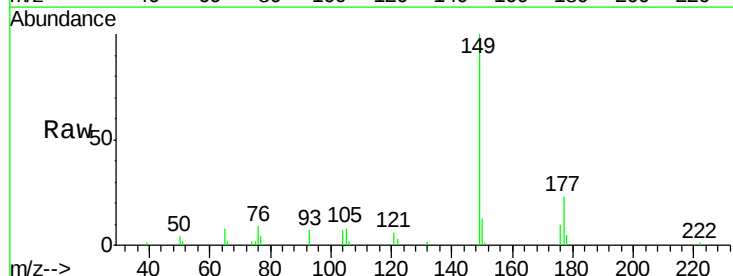


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

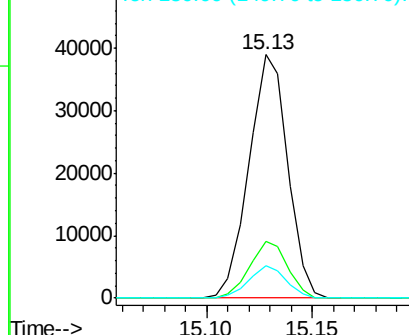
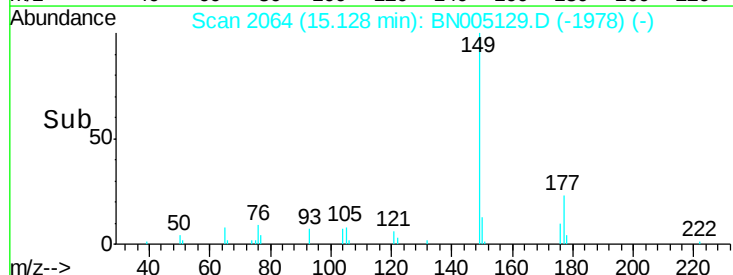


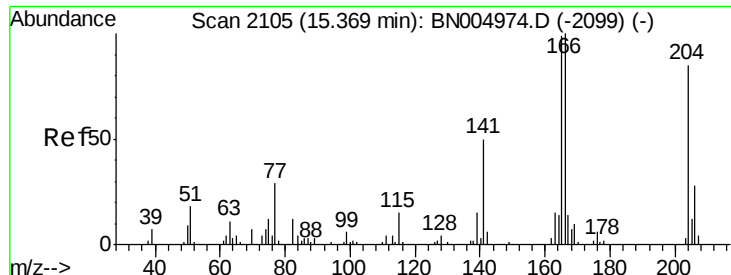
#60
 Diethylphthalate
 Concen: 36.221 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt 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

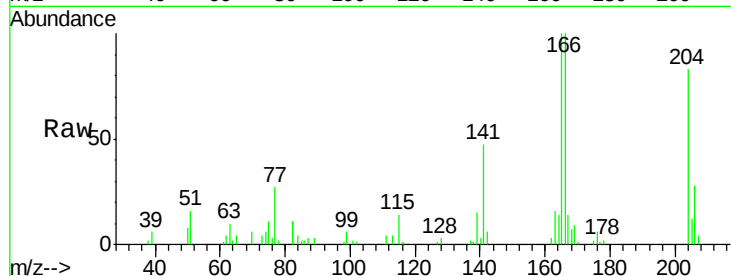




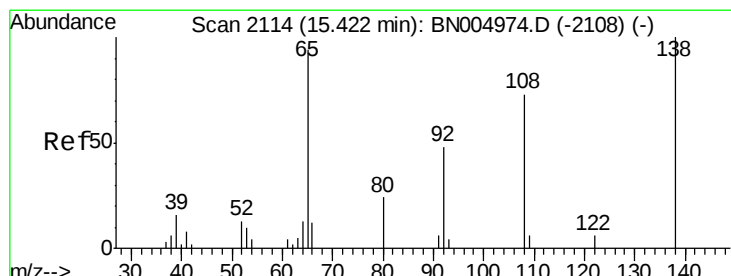
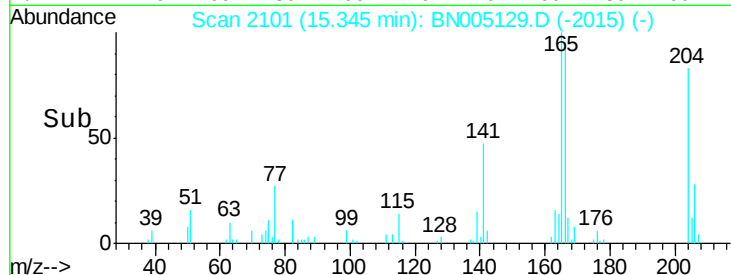
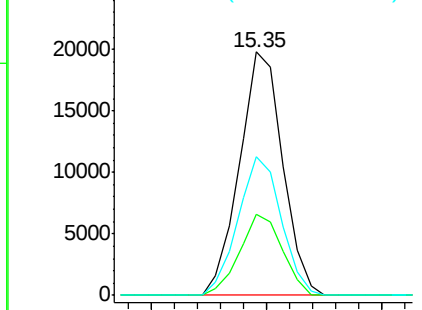
#61
 4-Chlorophenyl-phenylether
 Concen: 37.924 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

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

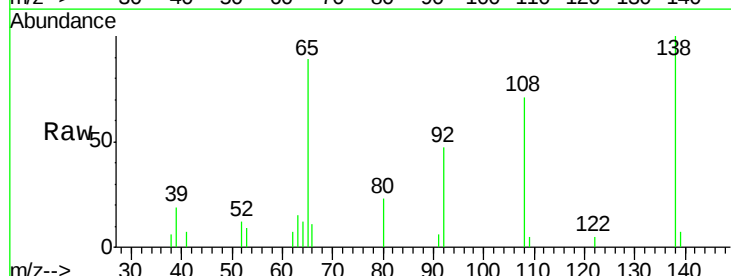


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

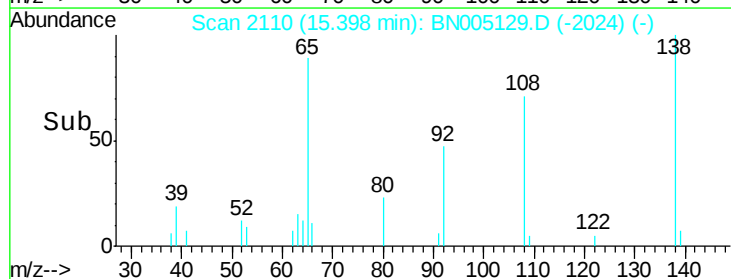
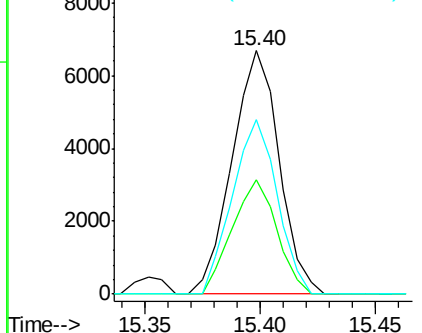


#62
 4-Nitroaniline
 Concen: 29.576 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

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



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 108.00 (107.70 to 108.70): E





#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

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 38429

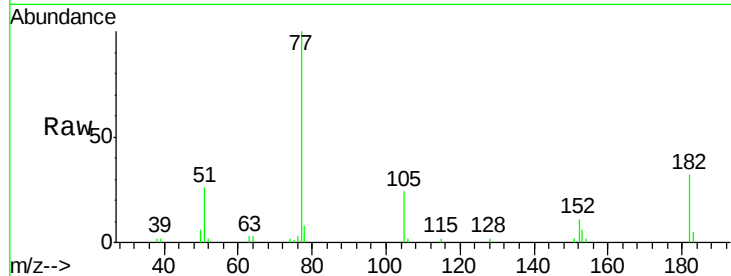
Ion Ratio Lower Upper

77 100

182 32.0 10.0 50.0

105 24.1 2.9 42.9

51 25.8 6.0 46.0

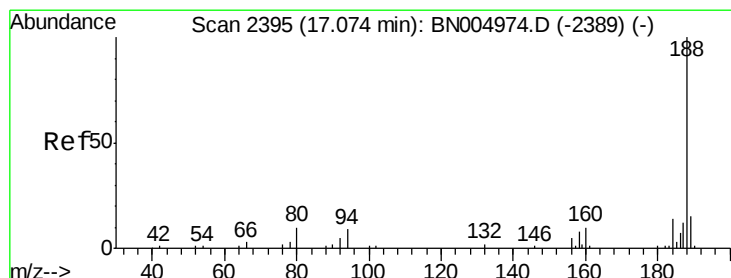
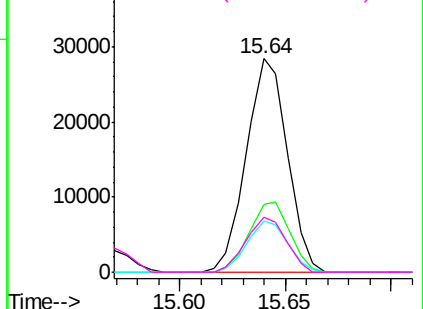
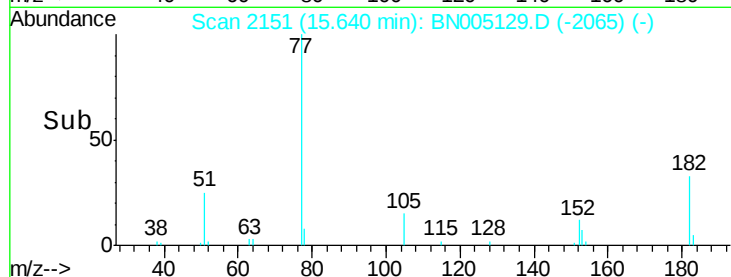


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BN0



#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

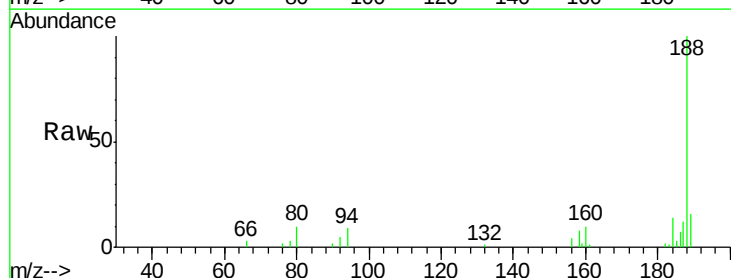
Tgt Ion: 188 Resp: 34242

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

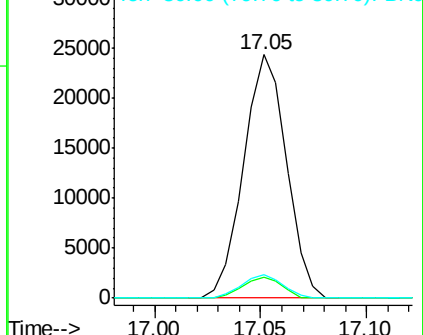
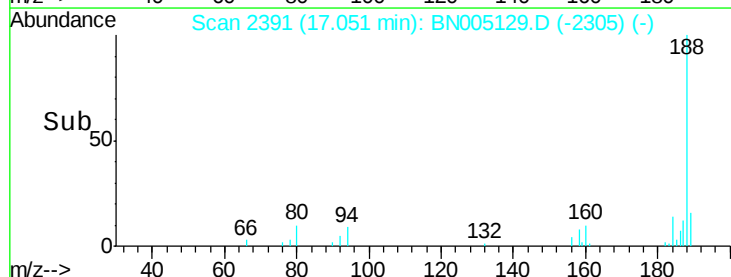
80 9.8 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0

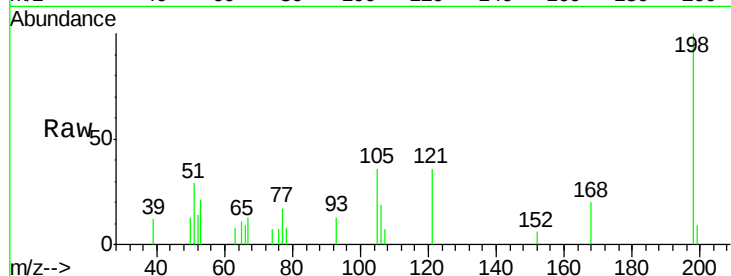




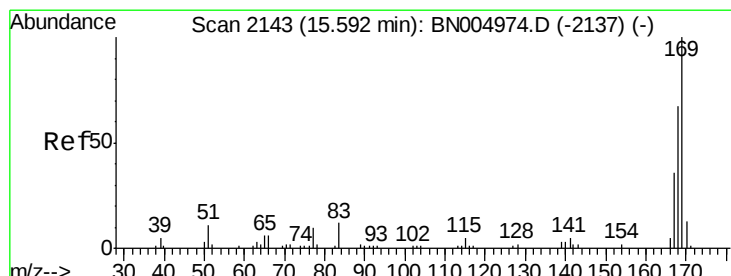
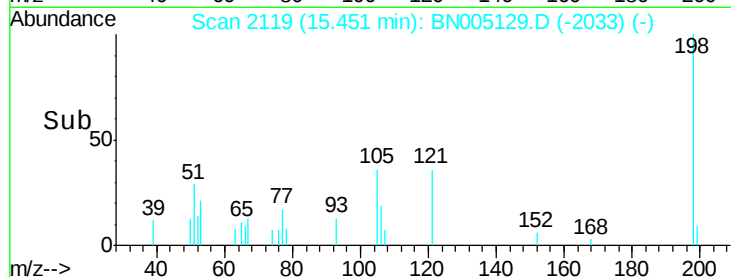
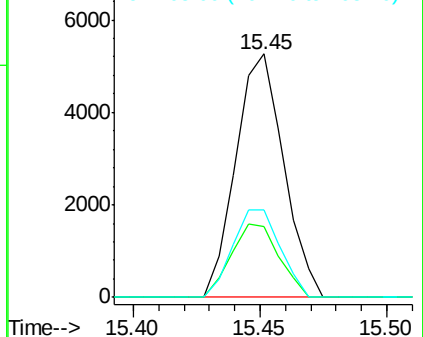
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.167 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 6902
 Ion Ratio Lower Upper
 198 100
 51 28.9 12.0 52.0
 105 36.1 17.6 57.6

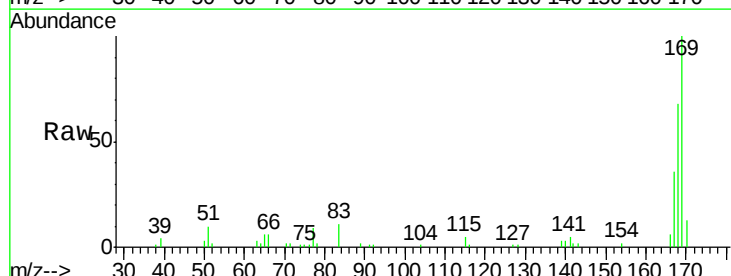


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

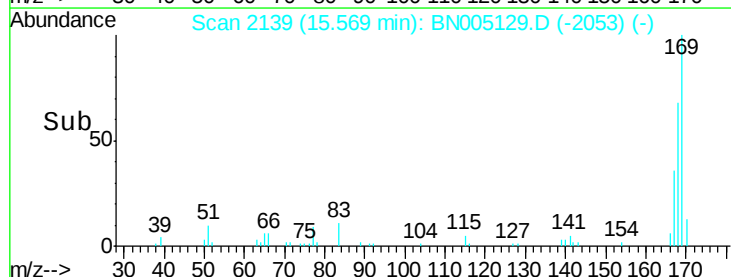
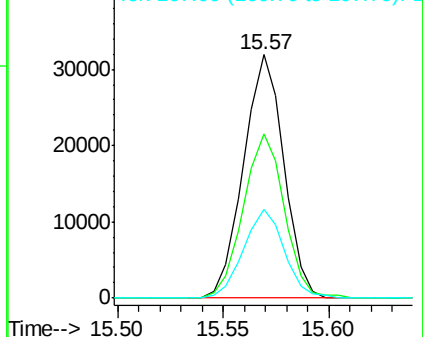


#66
 n-Nitrosodiphenylamine
 Concen: 39.163 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

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



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

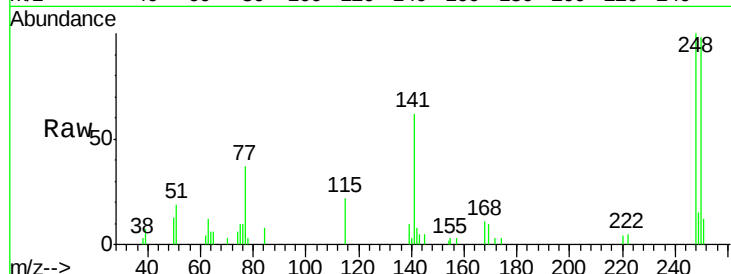




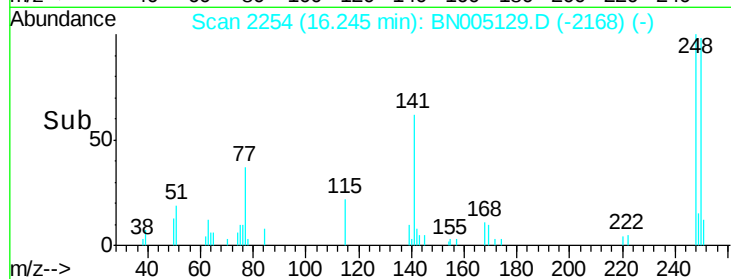
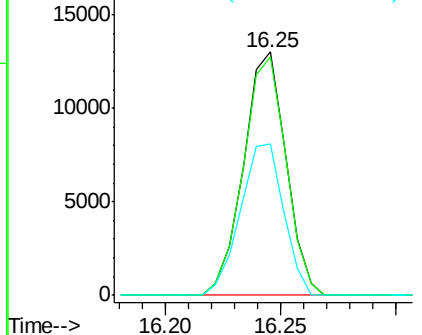
#67
 4-Bromophenyl-phenylether
 Concen: 39.080 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

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

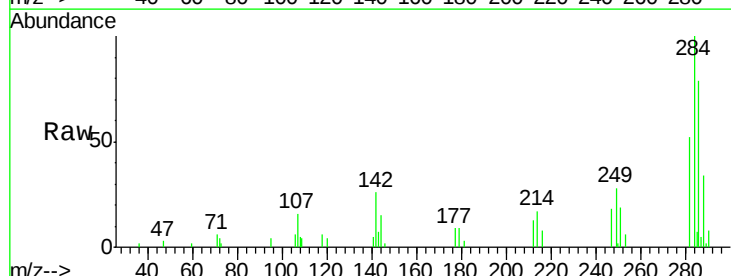


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

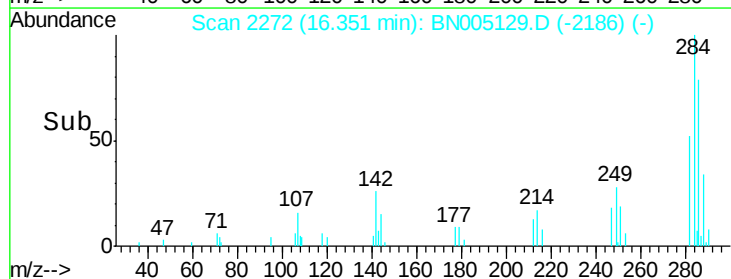
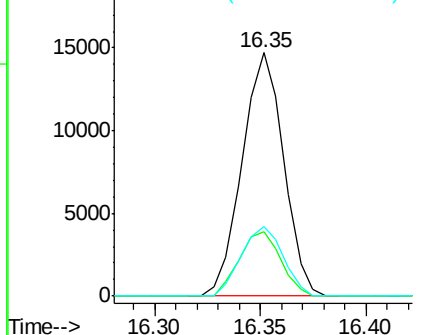


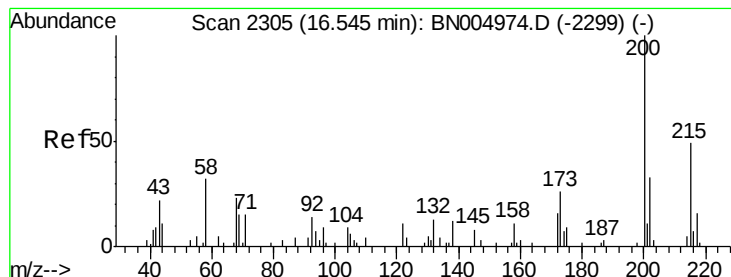
#68
 Hexachlorobenzene
 Concen: 40.052 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt 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

Instrument :

BNA_N

ClientSampleId :

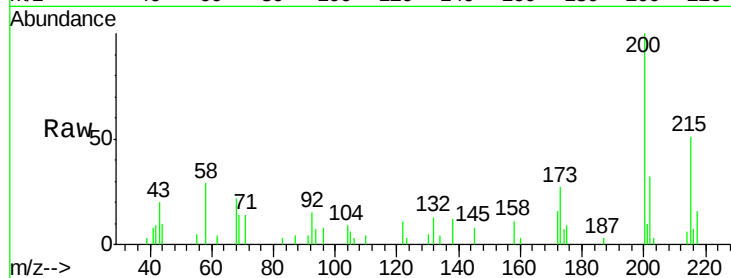
Tot Ion:200 Resp: 14271

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

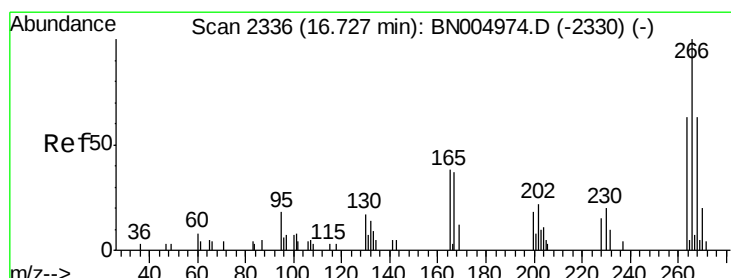
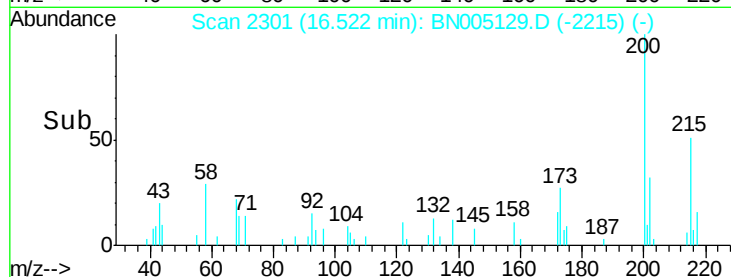
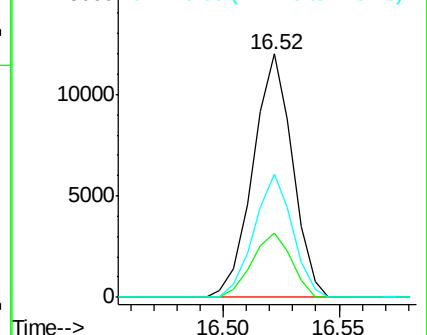
215 50.9 28.8 68.8



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

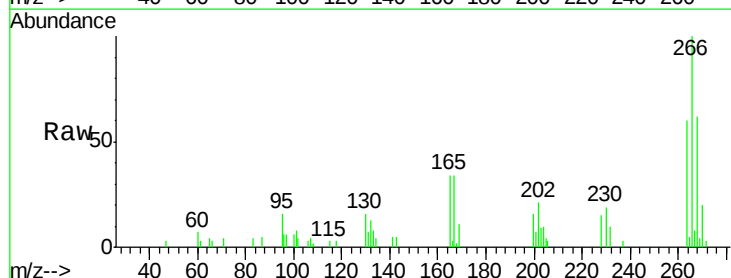
Tgt Ion:266 Resp: 17773

Ion Ratio Lower Upper

266 100

268 62.3 50.8 76.2

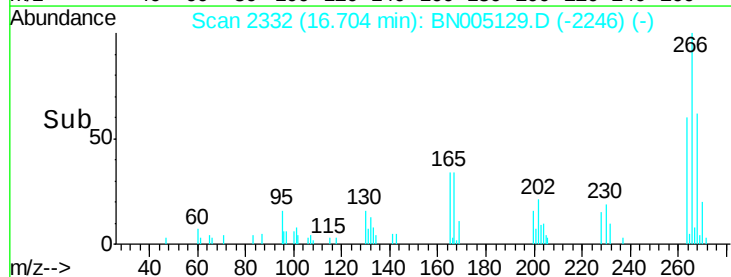
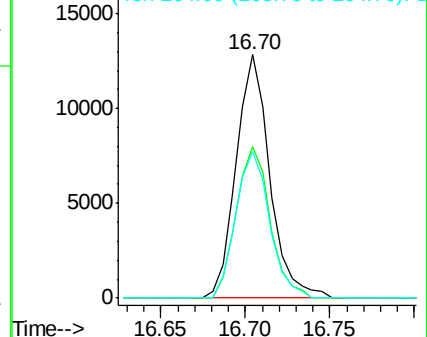
264 59.9 50.0 75.0

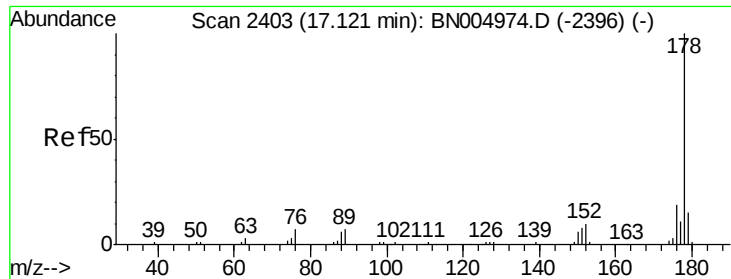


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

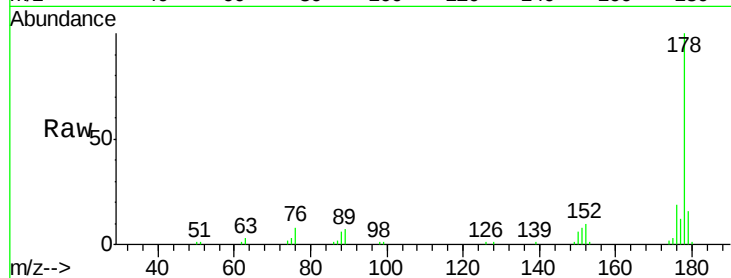




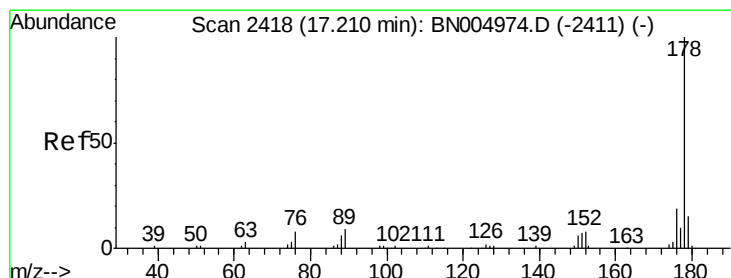
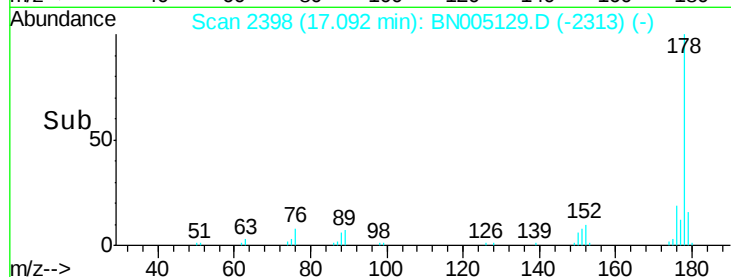
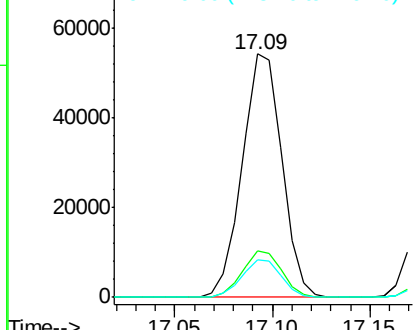
#71
 Phenanthrene
 Concen: 39.747 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.03 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Instrument :
 BNA_N
 ClientSampleId :

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

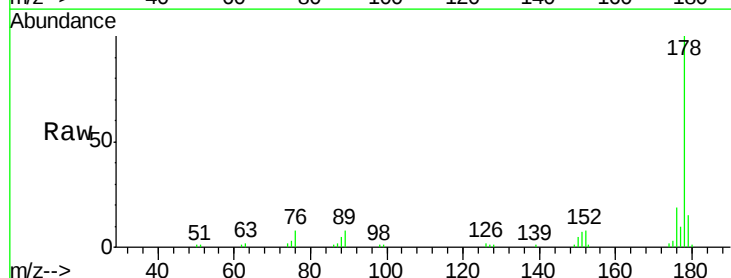


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

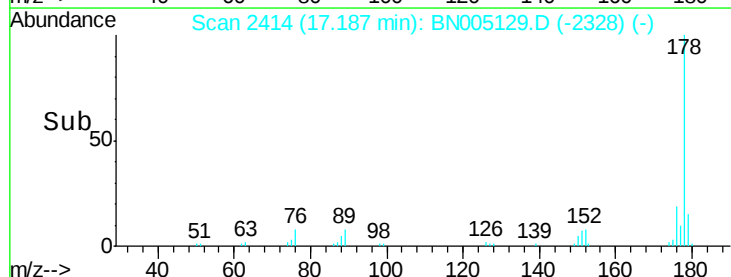
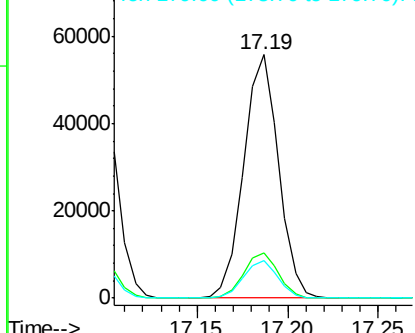


#72
 Anthracene
 Concen: 38.900 ng
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

Tgt 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

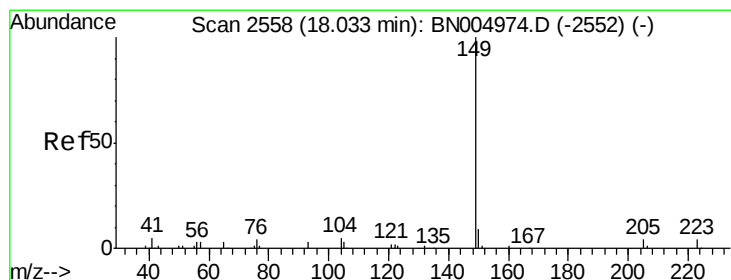
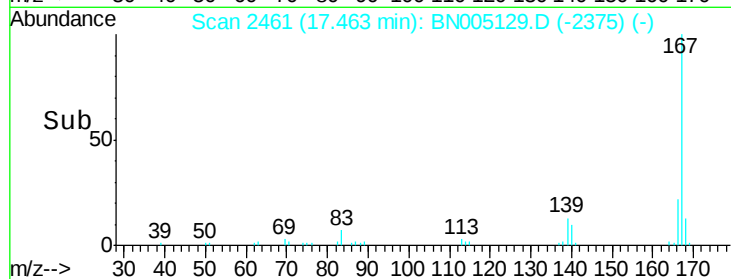
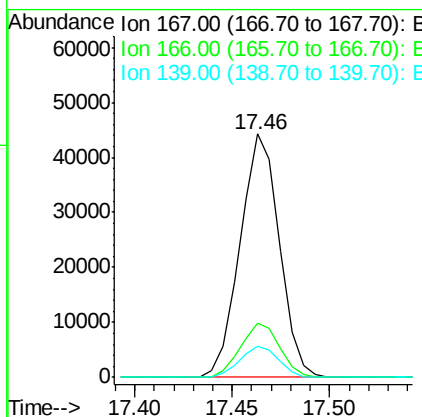
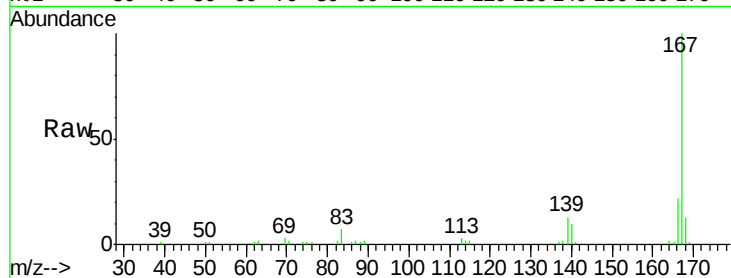




#73
 Carbazole
 Concen: 35.326 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

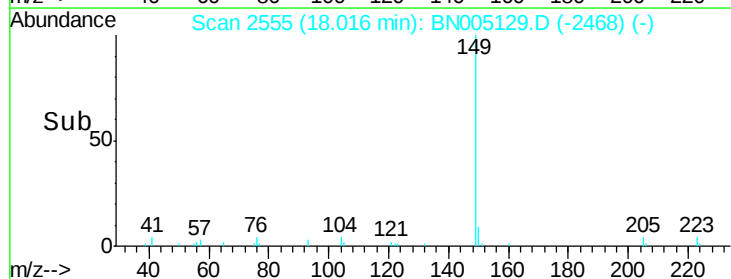
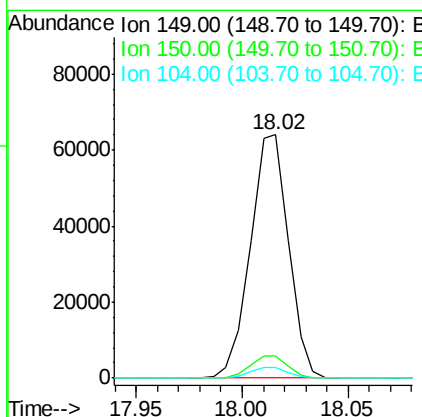
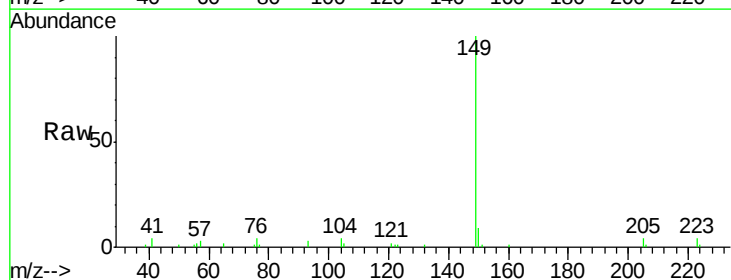
Instrument :
 BNA_N
 ClientSampleId :

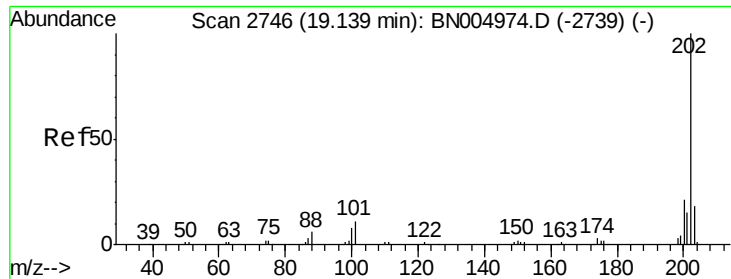
Tot Ion:167 Resp: 61578
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.7 10.6 16.0



#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

Tgt 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

Instrument :

BNA_N

ClientSampleId :

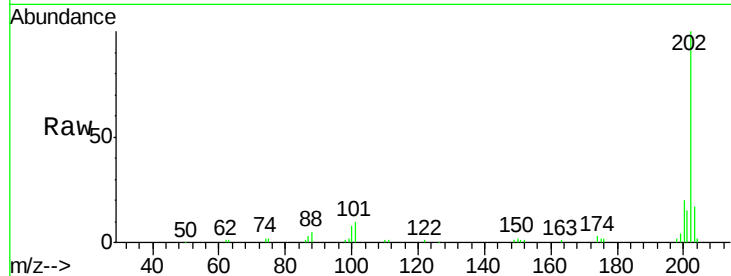
Tot Ion:202 Resp: 87332

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.1

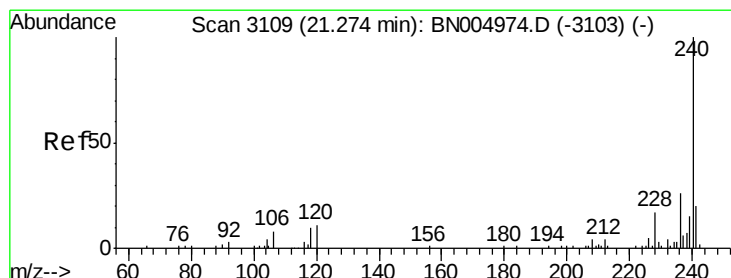
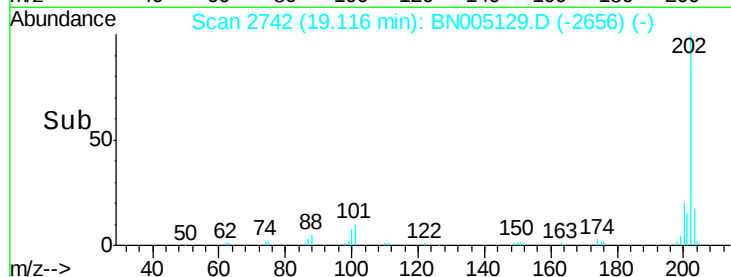
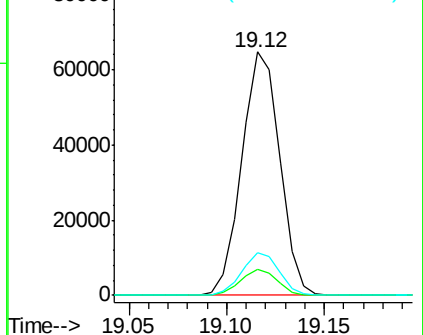
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#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

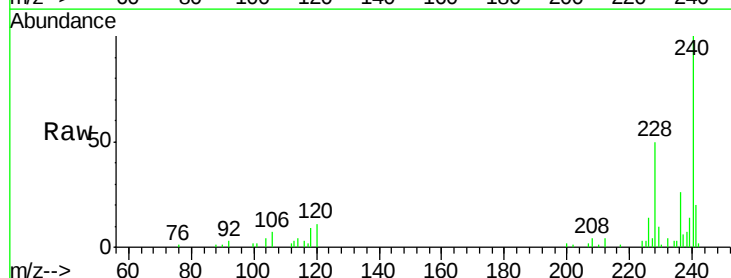
Tgt Ion:240 Resp: 30039

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

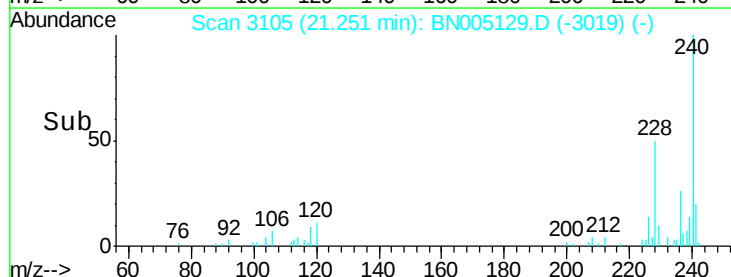
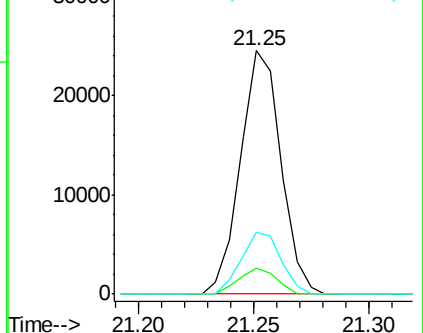
236 25.5 21.2 31.8



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

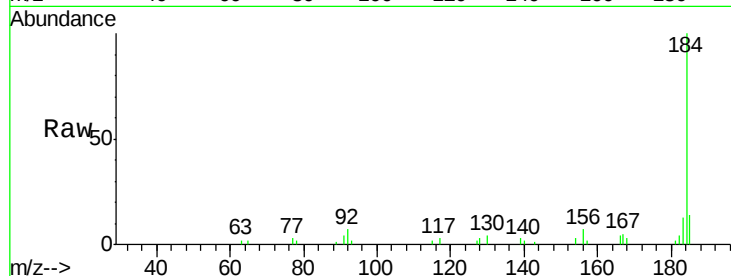




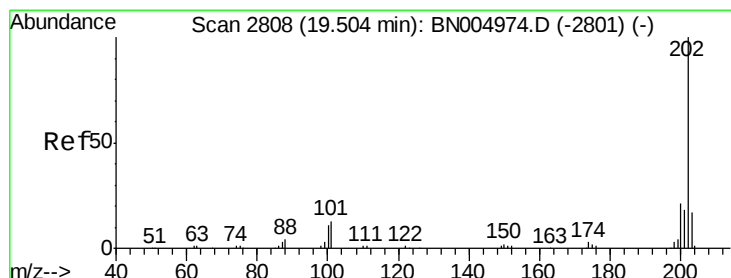
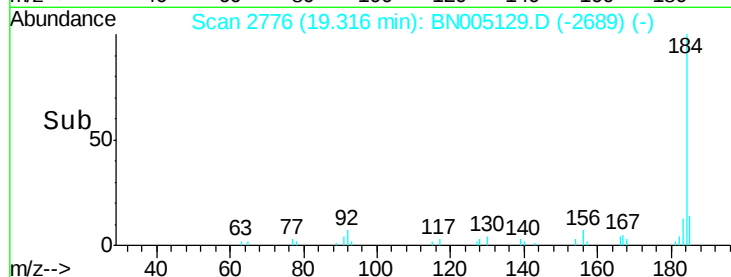
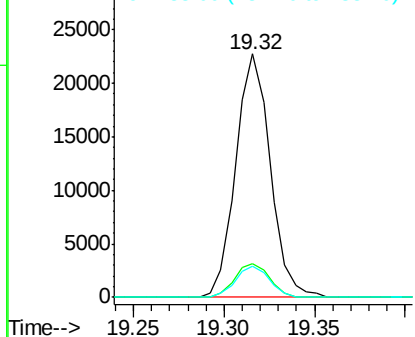
#77
Benzidine
Concen: 32.190 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Instrument :
BNA_N
ClientSampleId :

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

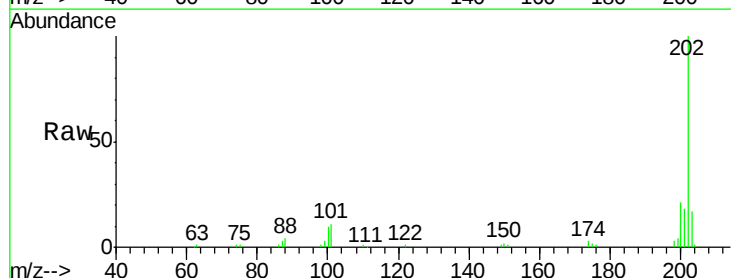


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

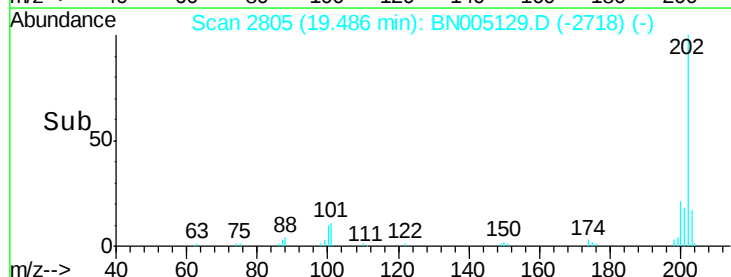
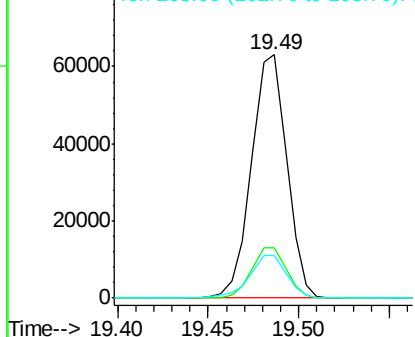


#78
Pyrene
Concen: 42.852 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.02 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

Tgt Ion:202 Resp: 85951
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

Instrument :

BNA_N

ClientSampled :

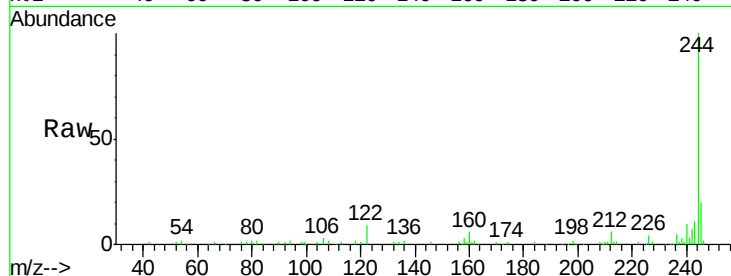
Tot Ion:244 Resp: 131332

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

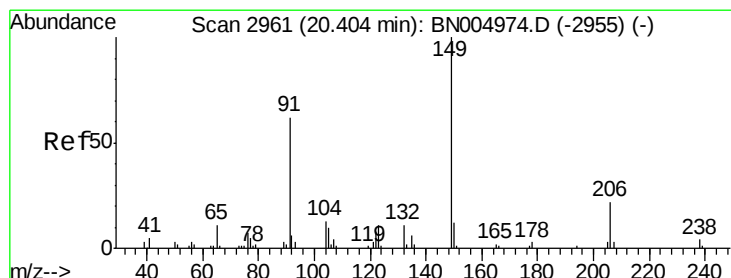
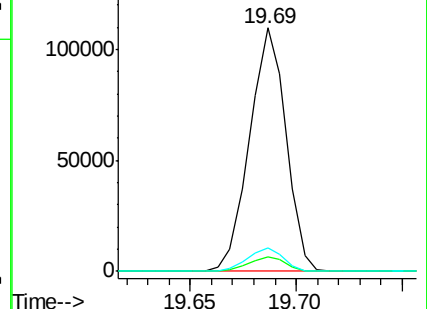
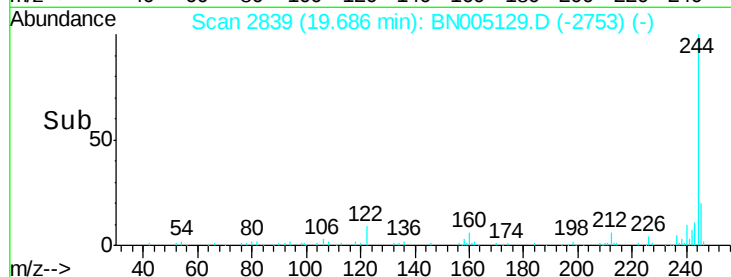
122 9.5 7.4 11.2



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

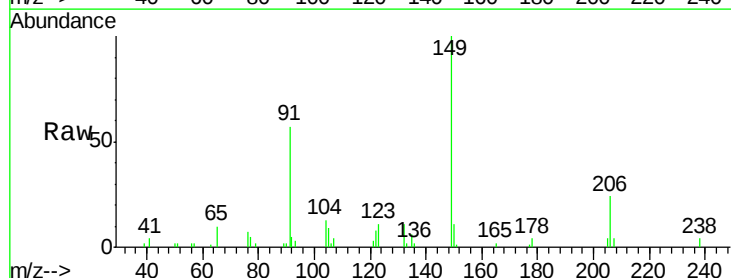
Tgt Ion:149 Resp: 31831

Ion Ratio Lower Upper

149 100

91 57.3 49.3 73.9

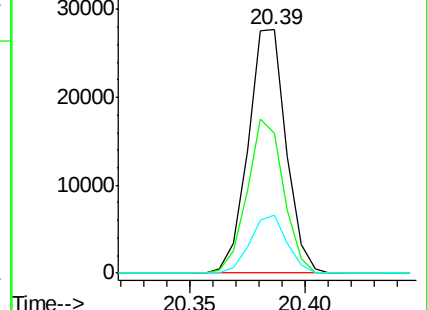
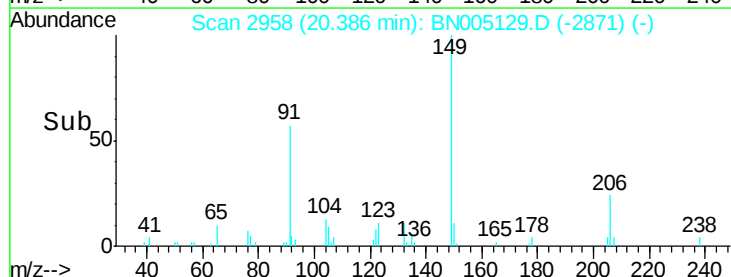
206 23.6 17.9 26.9

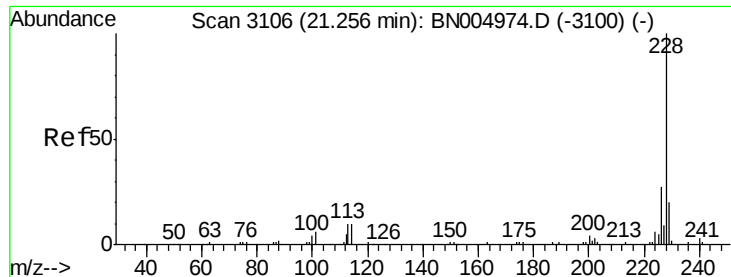


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

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

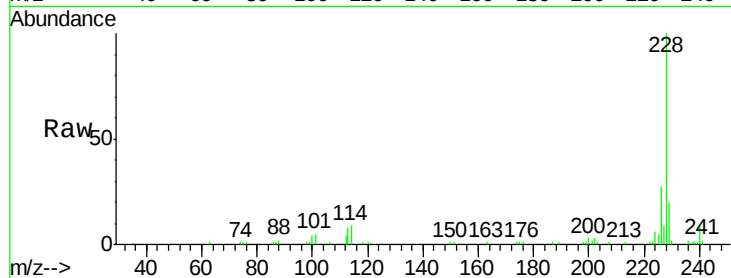
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 71095

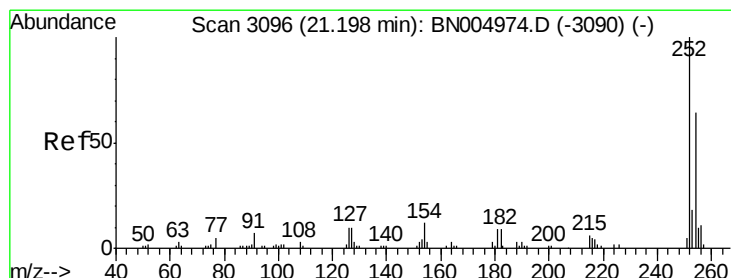
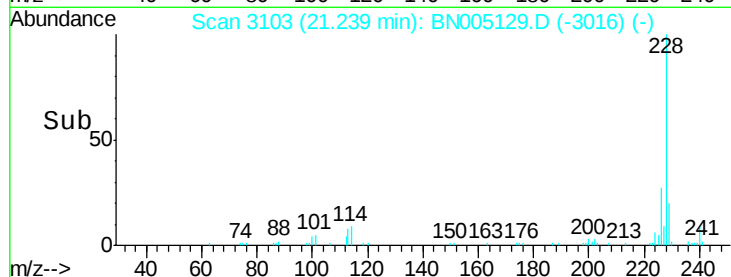
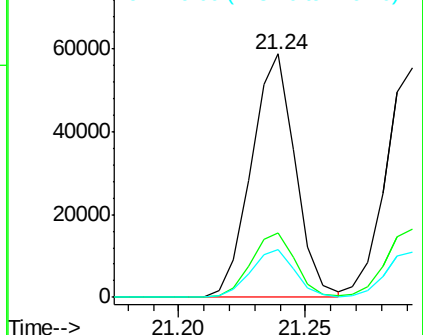
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.5	15.9	23.9



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

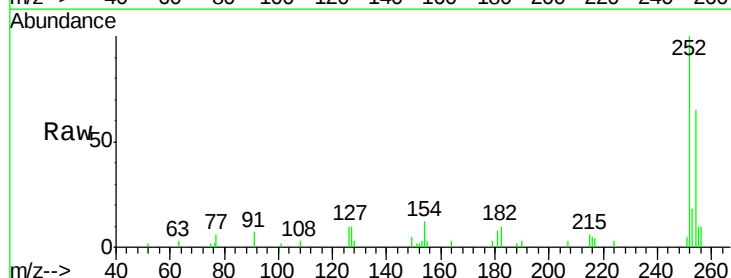
Delta R.T. -0.02 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Tgt Ion:252 Resp: 16237

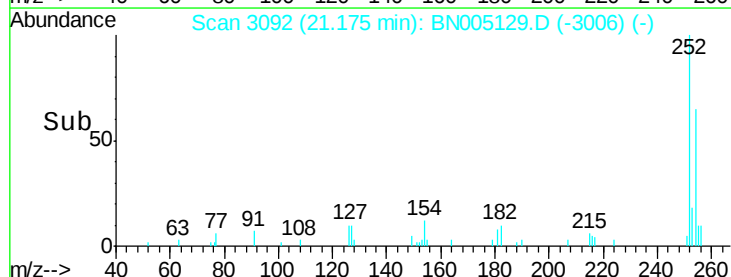
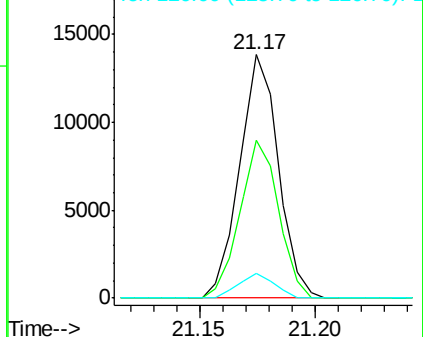
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	10.3	7.9	11.9

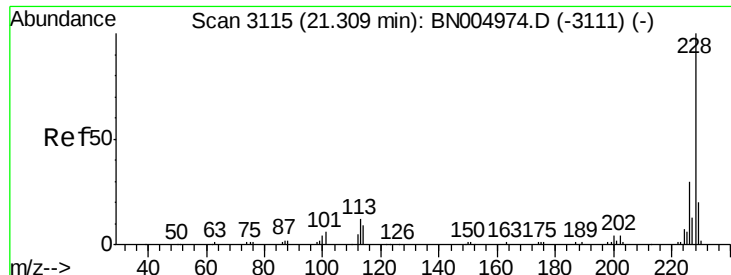


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

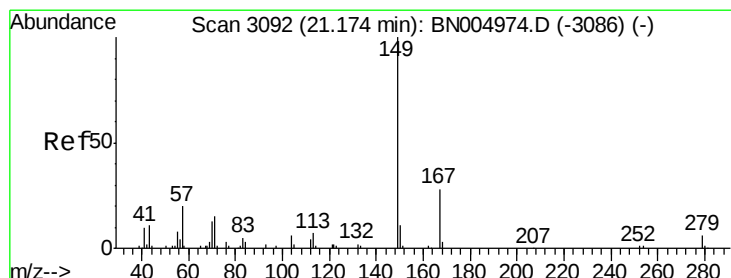
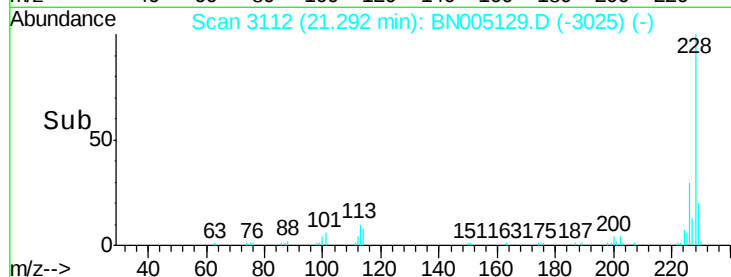
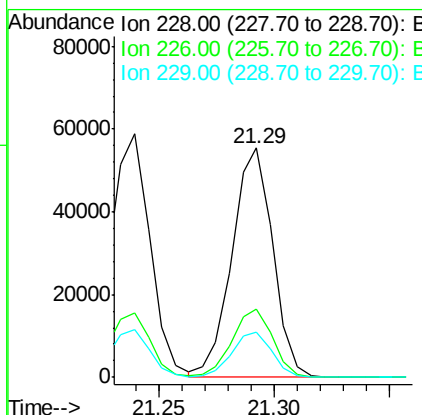
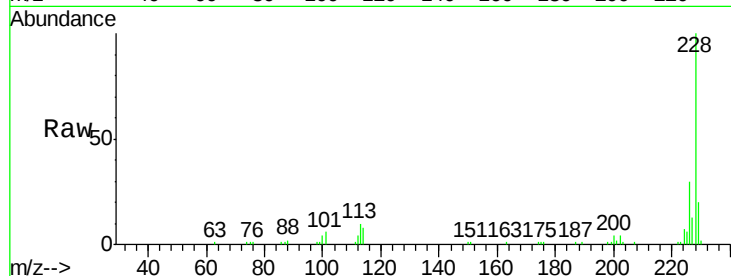




#83
 Chrysene
 Concen: 38.208 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BN005129.D
 Acq: 10 Apr 2019 15:55

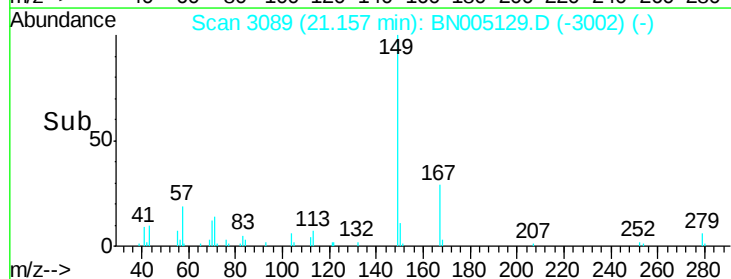
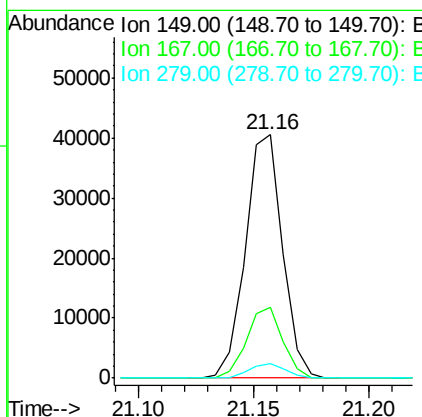
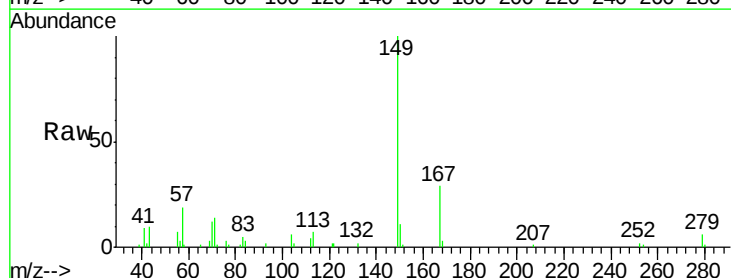
Instrument :
 BNA_N
 ClientSampleId :

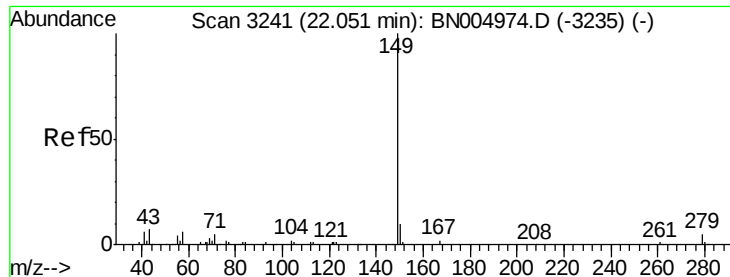
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.6	15.8	23.8



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	6.2	4.5	6.7





#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

Instrument :

BNA_N

ClientSampleId :

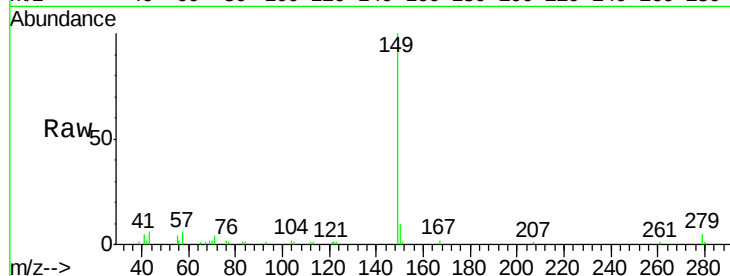
Tot Ion:149 Resp: 73472

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

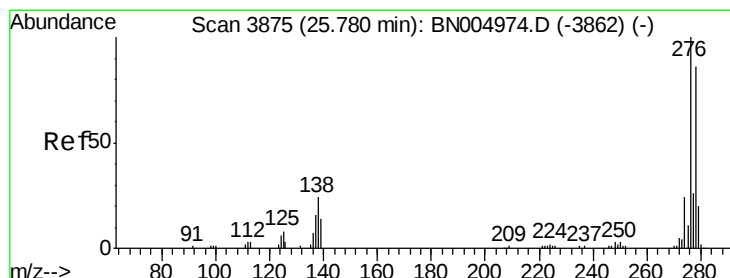
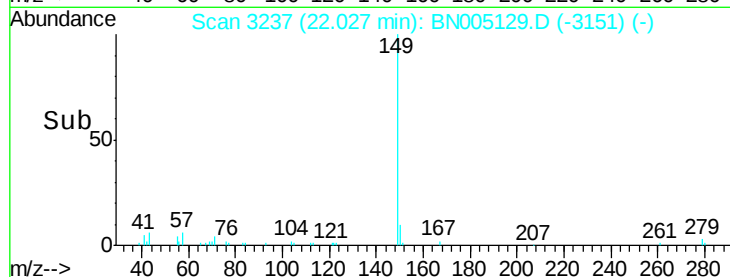
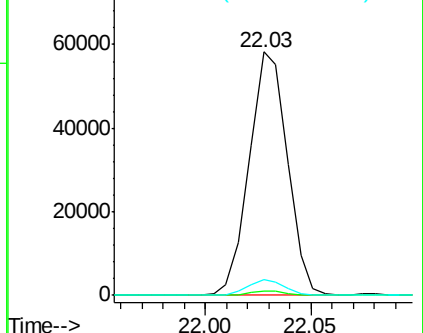
43 6.1 5.8 8.6



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

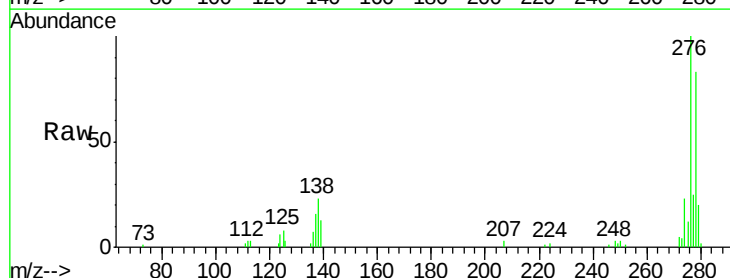
Tgt Ion:276 Resp: 87741

Ion Ratio Lower Upper

276 100

138 22.3 18.5 27.7

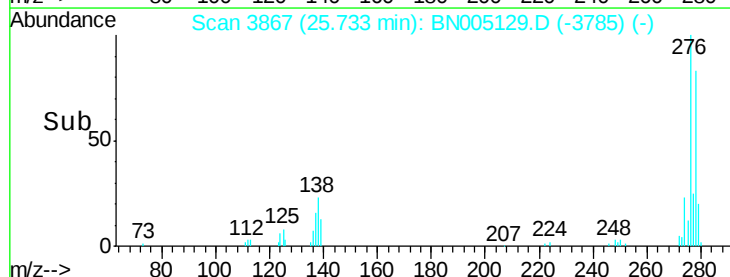
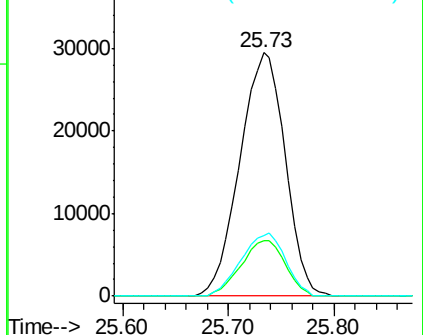
277 25.4 20.4 30.6

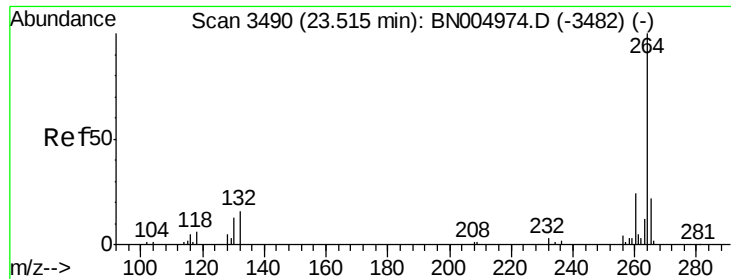


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

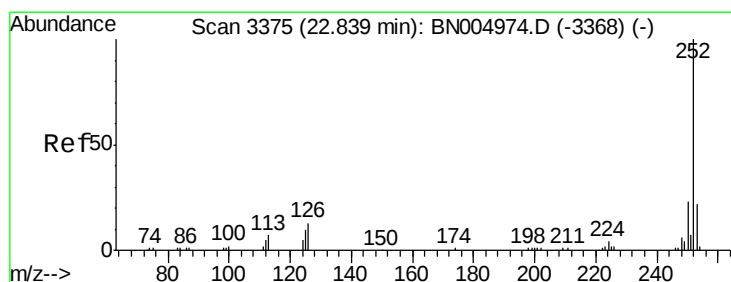
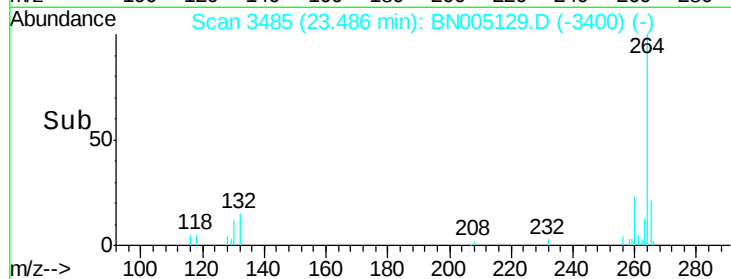
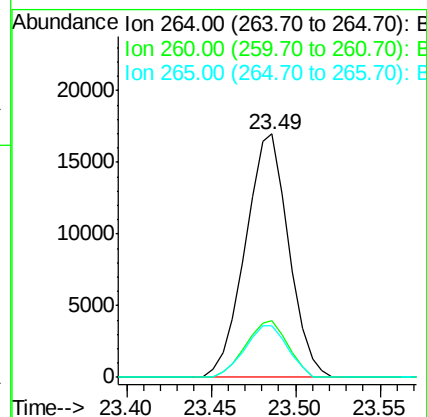
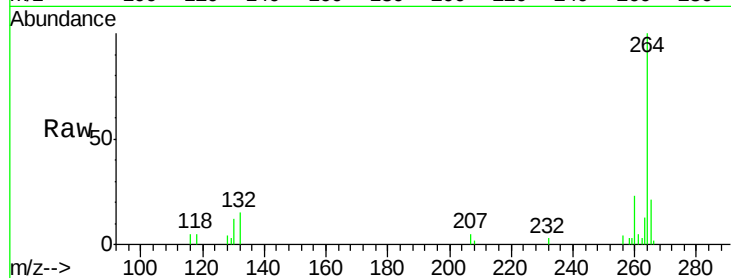




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3485
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

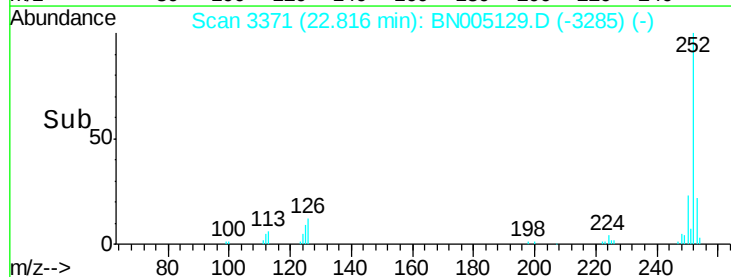
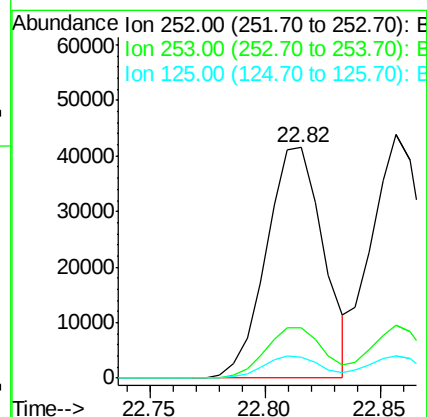
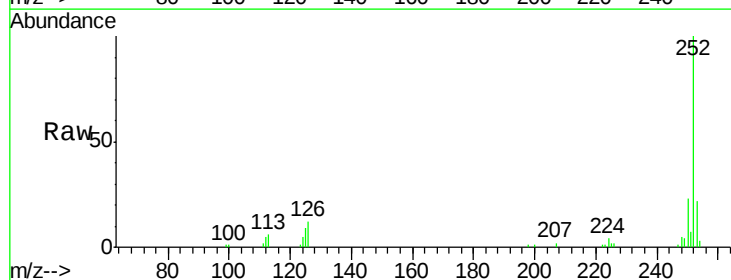
Instrument :
BNA_N
ClientSampled :

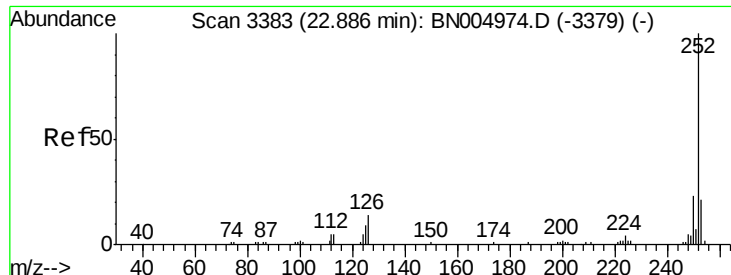
Tot Ion:264 Resp: 30260
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.3 17.2 25.8



#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

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

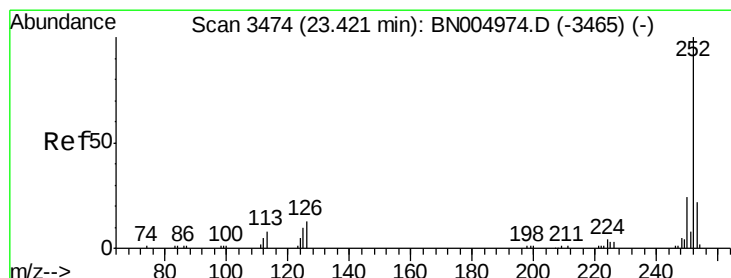
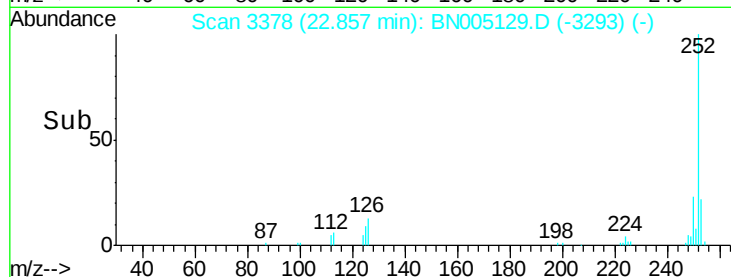
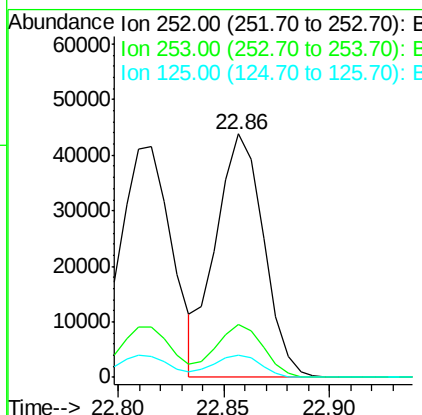
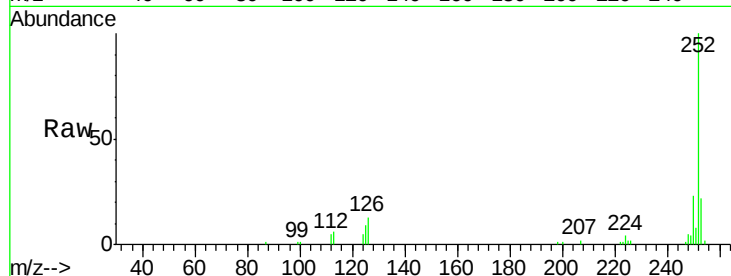




#89
Benzo(k)fluoranthene
Concen: 40.379 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BN005129.D
Acq: 10 Apr 2019 15:55

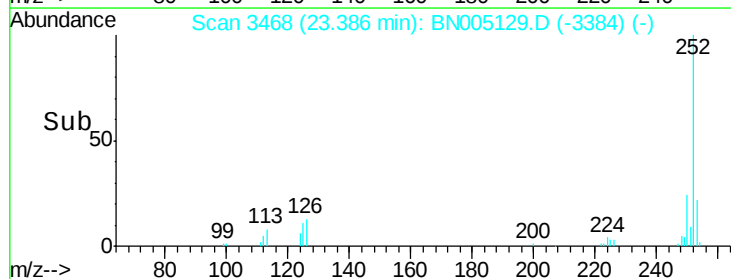
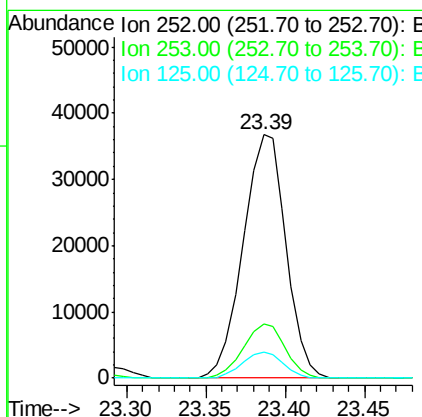
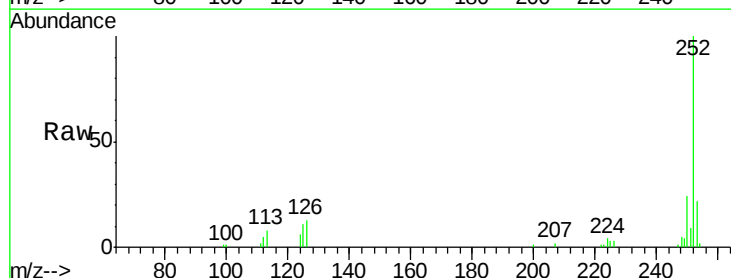
Instrument :
BNA_N
ClientSampled :

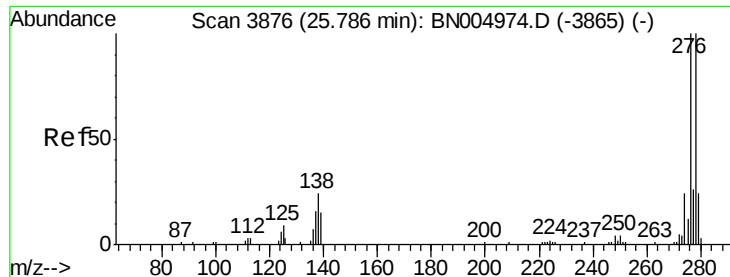
Tot Ion:252 Resp: 68969
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.3 7.6 11.4



#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

Tgt Ion:252 Resp: 68821
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.8 8.2 12.4





#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

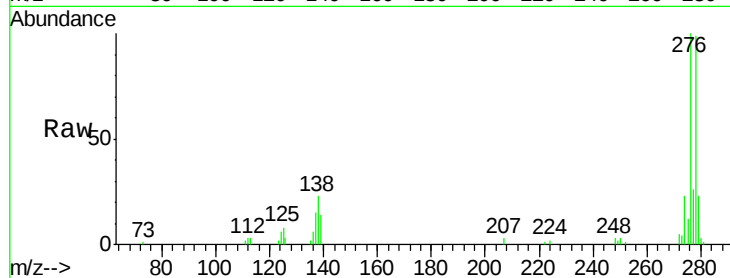
Instrument :

BNA_N

ClientSampleId :

Tot Ion:278 Resp: 72263

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.8	17.8
279	23.3	19.3	28.9

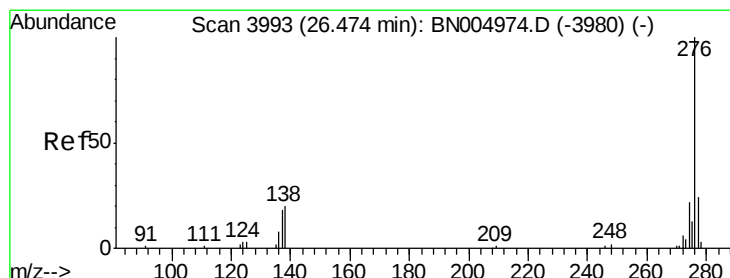
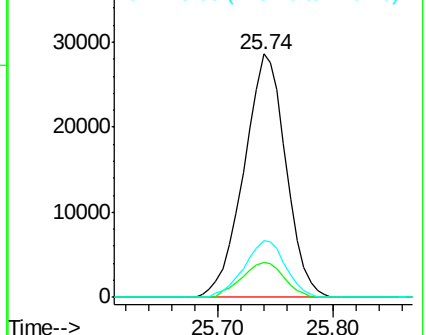
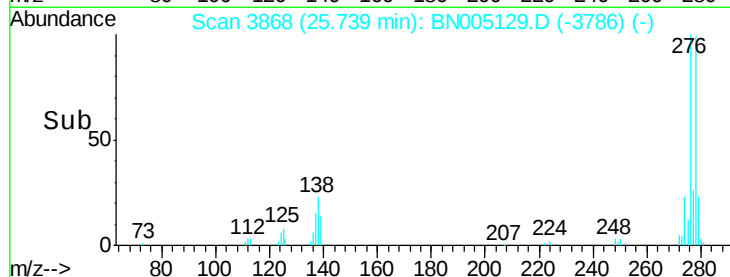


Abundance

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(g,h,i)perylene

Concen: 43.797 ng

RT: 26.43 min Scan# 3985

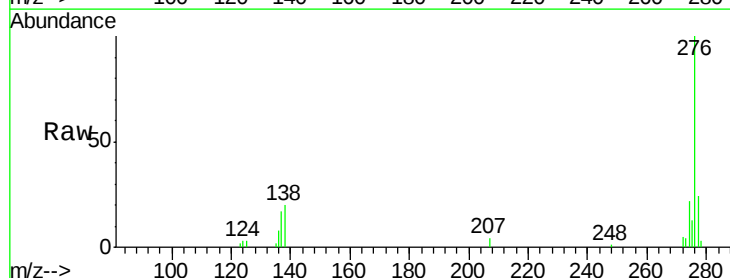
Delta R.T. -0.05 min

Lab File: BN005129.D

Acq: 10 Apr 2019 15:55

Tgt 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

