

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005136.D
 Acq On : 10 Apr 2019 20:05
 Operator : JU/SJ
 Sample : PB118783BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Quant Time: Apr 11 07:33:07 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	7005	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	29359	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	16782	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	35983	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	34442	20.00	ng	-0.02
87) Perylene-d12	23.48	264	30776	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	55451	136.86	ng	-0.02
7) Phenol-d6	6.83	99	70042	130.34	ng	-0.02
23) Nitrobenzene-d5	8.82	82	34456	70.99	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	38071	140.66	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	98504	77.78	ng	-0.02
79) Terphenyl-d14	19.69	244	146929	82.13	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	7234	48.994	ng	98
3) Pyridine	3.57	79	13215	32.027	ng	97
4) n-Nitrosodimethylamine	3.50	42	4659	34.635	ng	# 97
6) Aniline	6.99	93	22450	32.806	ng	99
8) 2-Chlorophenol	7.22	128	22010	42.792	ng	96
9) Benzaldehyde	6.80	77	5886	19.061	ng	98
10) Phenol	6.86	94	24203	42.030	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	16953	38.071	ng	100
12) 1,3-Dichlorobenzene	7.54	146	21816	38.930	ng	98
13) 1,4-Dichlorobenzene	7.69	146	22239	39.206	ng	98
14) 1,2-Dichlorobenzene	8.00	146	21628	39.841	ng	100
15) Benzyl Alcohol	7.90	79	16048	39.252	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	18470	34.379	ng	98
17) 2-Methylphenol	8.10	107	17222	42.900	ng	98
18) Hexachloroethane	8.71	117	7497	37.288	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	13063	37.080	ng	98
20) 3+4-Methylphenols	8.43	107	22936	42.079	ng	99
22) Acetophenone	8.48	105	28375	42.339	ng	98
24) Nitrobenzene	8.86	77	19431	39.560	ng	98
25) Isophorone	9.37	82	36735	38.853	ng	99
26) 2-Nitrophenol	9.56	139	11537	40.452	ng	95
27) 2,4-Dimethylphenol	9.62	122	19947	50.235	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	23398	39.941	ng	99
29) 2,4-Dichlorophenol	10.09	162	20801	45.580	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	21651	43.069	ng	100
31) Naphthalene	10.49	128	64548	42.140	ng	100
32) Benzoic acid	9.79	122	9037	30.559	ng	98
33) 4-Chloroaniline	10.61	127	12363	19.837	ng	99
34) Hexachlorobutadiene	10.75	225	13421	41.260	ng	99
35) Caprolactam	11.40	113	5442	36.418	ng	89
36) 4-Chloro-3-methylphenol	11.74	107	20462	41.506	ng	98
37) 2-Methylnaphthalene	12.10	142	47466	43.883	ng	99
38) 1-Methylnaphthalene	12.33	142	44589	42.128	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	25365	42.613	ng	99

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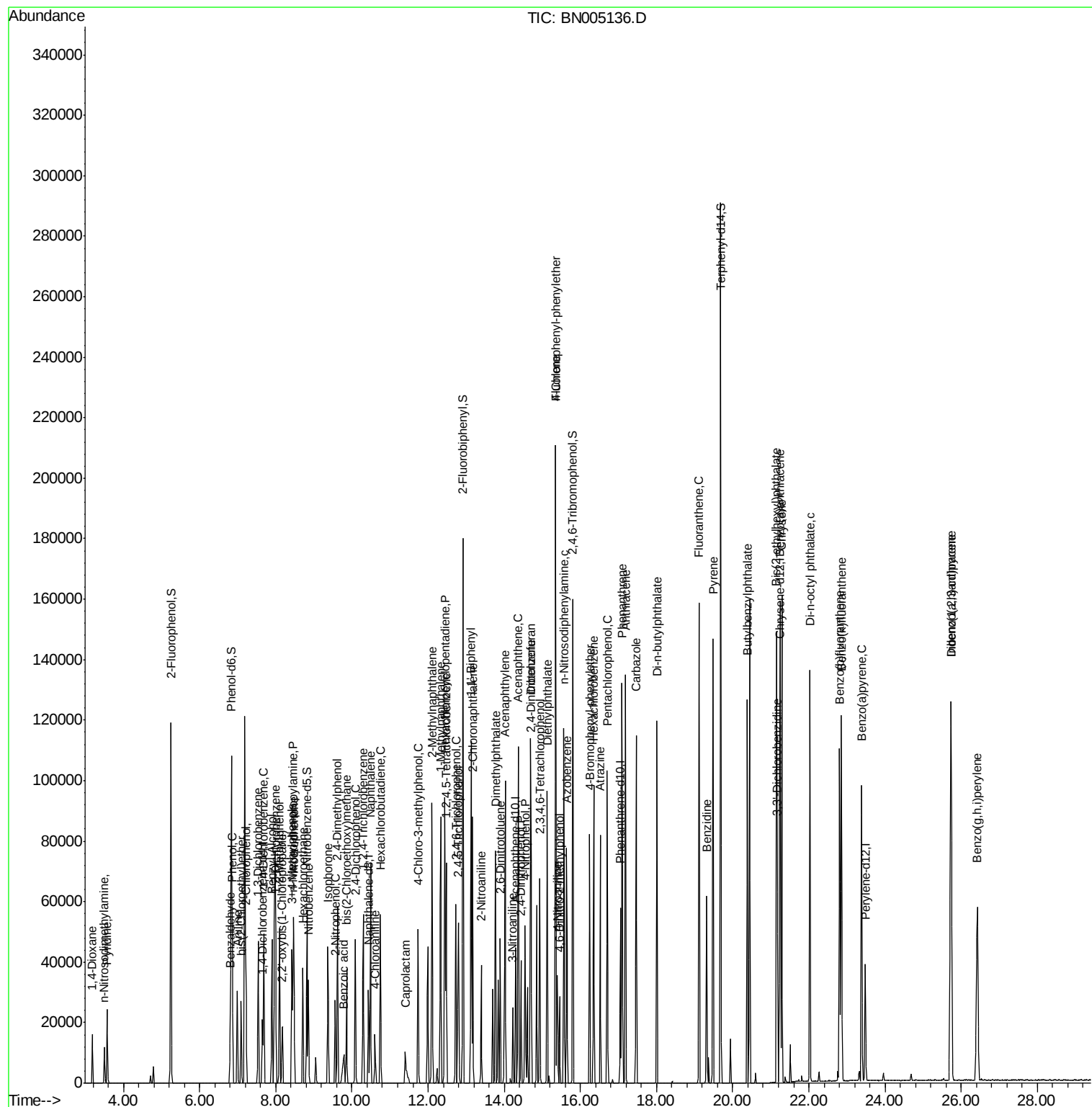
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	30107	88.855	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	16468	44.587	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	17456	43.382	ng	97
46) 1,1'-Biphenyl	13.13	154	61026	42.965	ng	99
47) 2-Chloronaphthalene	13.17	162	46910	43.038	ng	99
48) 2-Nitroaniline	13.39	65	10731	36.985	ng	96
49) Acenaphthylene	14.02	152	75028	40.926	ng	100
50) Dimethylphthalate	13.77	163	58343	42.315	ng	100
51) 2,6-Dinitrotoluene	13.90	165	12997	41.427	ng	92
52) Acenaphthene	14.37	154	43530	42.210	ng	99
53) 3-Nitroaniline	14.23	138	7803	24.334	ng	98
54) 2,4-Dinitrophenol	14.44	184	11220	61.767	ng	98
55) Dibenzofuran	14.70	168	69359	42.267	ng	99
56) 4-Nitrophenol	14.55	139	18183	71.980	ng	98
57) 2,4-Dinitrotoluene	14.69	165	17520	41.091	ng	96
58) Fluorene	15.35	166	56034	42.270	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	16227	43.495	ng	# 97
60) Diethylphthalate	15.13	149	57992	42.150	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	29949	43.794	ng	99
62) 4-Nitroaniline	15.40	138	11267	34.971	ng	99
63) Azobenzene	15.64	77	44325	38.702	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	8475	35.889	ng	98
66) n-Nitrosodiphenylamine	15.57	169	48976	43.210	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	19393	43.188	ng	98
68) Hexachlorobenzene	16.35	284	23451	44.577	ng	97
69) Atrazine	16.52	200	16897	41.727	ng	99
70) Pentachlorophenol	16.70	266	22821	82.506	ng	99
71) Phenanthrene	17.09	178	84944	42.013	ng	99
72) Anthracene	17.19	178	87105	43.283	ng	100
73) Carbazole	17.46	167	74801	40.835	ng	99
74) Di-n-butylphthalate	18.01	149	95750	42.910	ng	100
75) Fluoranthene	19.12	202	95416	41.367	ng	98
77) Benzidine	19.32	184	38691	36.046	ng	99
78) Pyrene	19.49	202	95101	41.352	ng	100
80) Butylbenzylphthalate	20.38	149	41004	43.880	ng	99
81) Benzo(a)anthracene	21.24	228	85759	39.974	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	24183	30.144	ng	99
83) Chrysene	21.29	228	83503	40.749	ng	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	59320	45.880	ng	99
85) Di-n-octyl phthalate	22.03	149	95698	45.864	ng	97
86) Indeno(1,2,3-cd)pyrene	25.73	276	95259	40.918	ng	99
88) Benzo(b)fluoranthene	22.81	252	83097	43.866	ng	99
89) Benzo(k)fluoranthene	22.86	252	80899	46.570	ng	99
90) Benzo(a)pyrene	23.39	252	77728	44.838	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	80071	46.009	ng	100
92) Benzo(g,h,i)perylene	26.42	276	79469	46.173	ng	99

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

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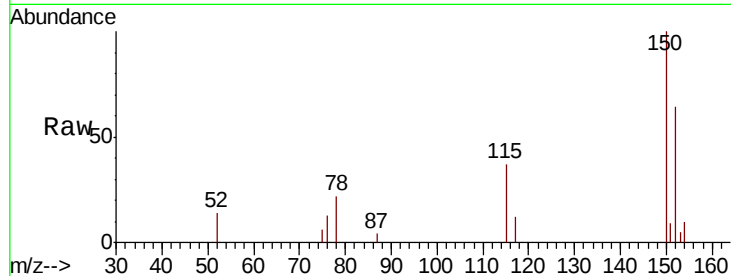


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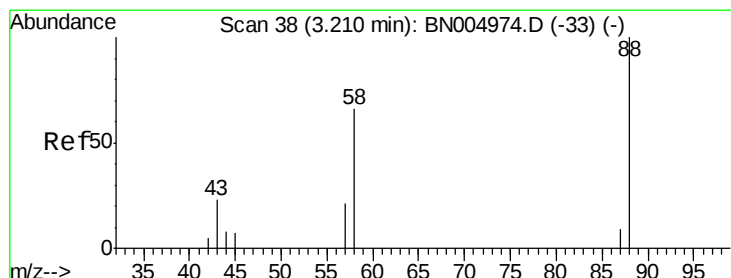
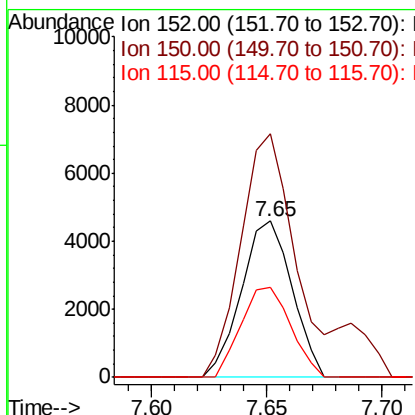
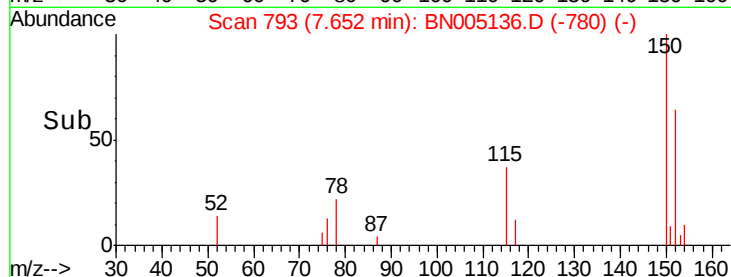
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:152 Resp: 7005
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 57.7 47.8 71.6



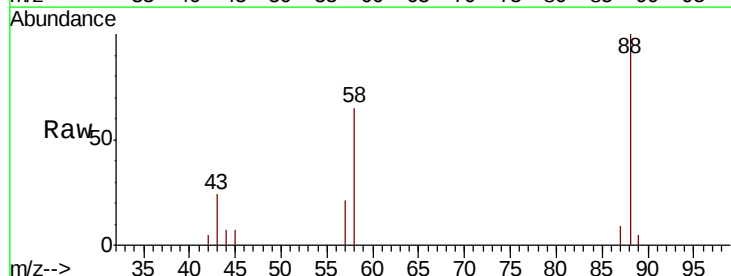
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



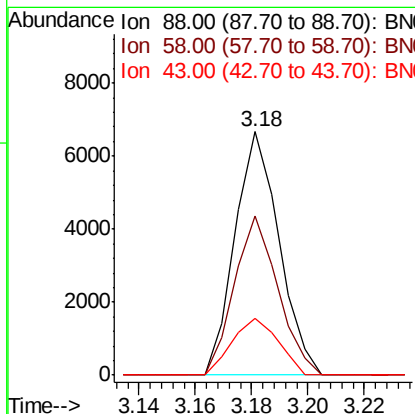
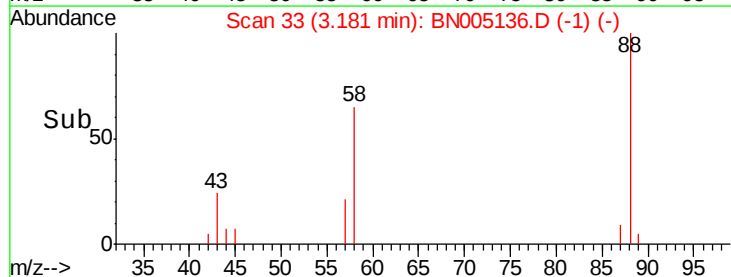
#2

1,4-Dioxane
Concen: 48.994 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion: 88 Resp: 7234
Ion Ratio Lower Upper
88 100
58 64.4 51.0 76.6
43 24.3 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

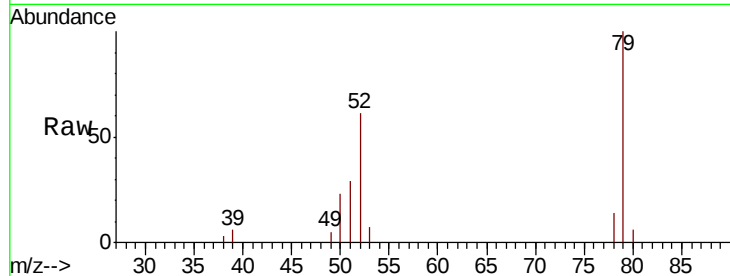




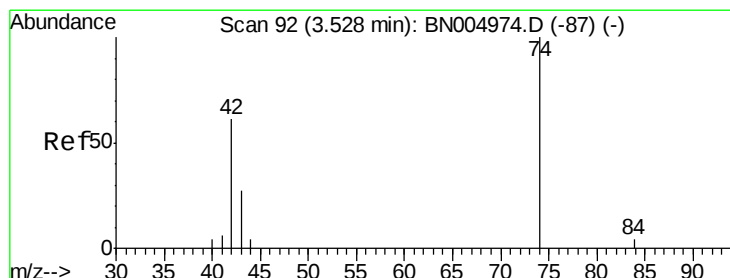
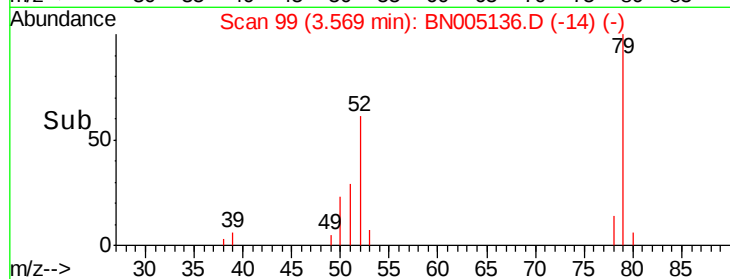
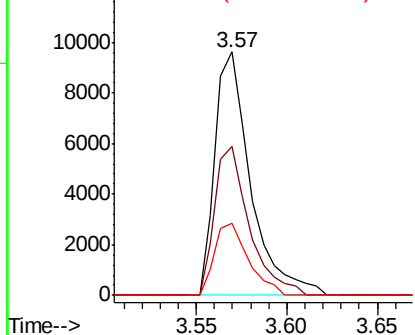
#3
 Pvridine
 Concen: 32.027 ng
 RT: 3.57 min Scan# 99
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

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 PB118783BS

Tot Ion: 79 Resp: 13215
 Ion Ratio Lower Upper
 79 100
 52 60.9 50.2 75.4
 51 29.5 25.0 37.4

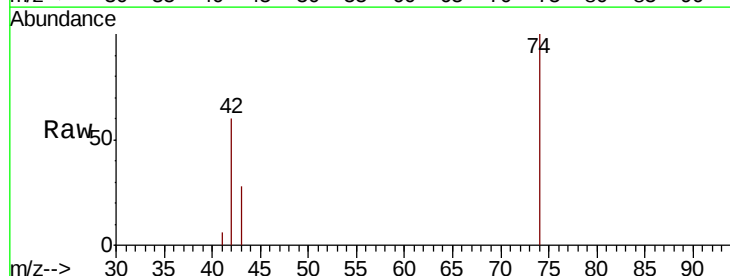


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

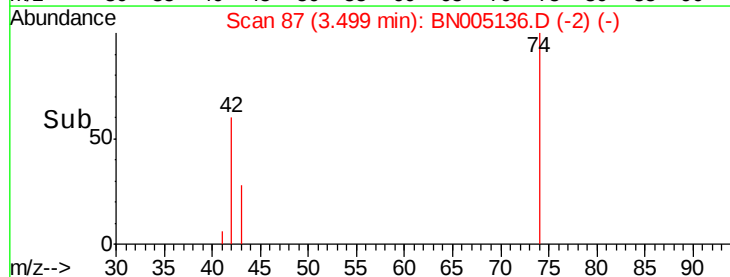
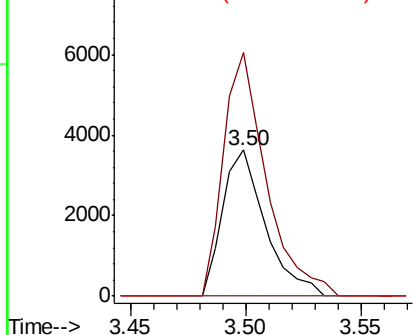


#4
 n-Nitrosodimethylamine
 Concen: 34.635 ng
 RT: 3.50 min Scan# 87
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion: 42 Resp: 4659
 Ion Ratio Lower Upper
 42 100
 74 167.1 130.8 196.2
 44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 136.858 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

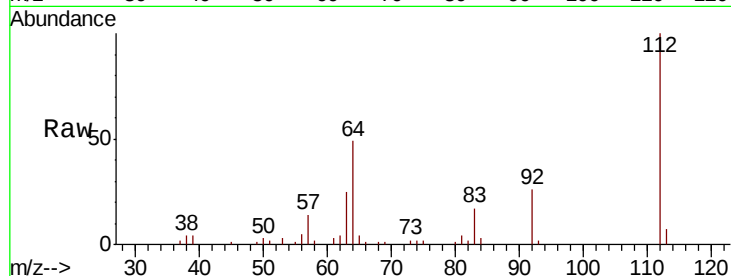
Tot Ion:112 Resp: 55451

Ion Ratio Lower Upper

112 100

64 48.8 41.9 62.9

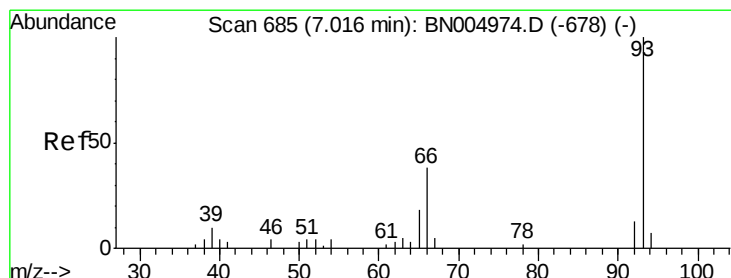
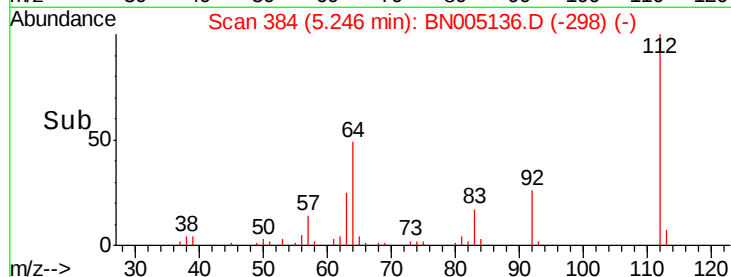
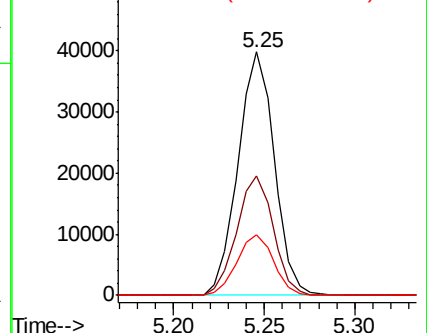
63 25.0 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 32.806 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

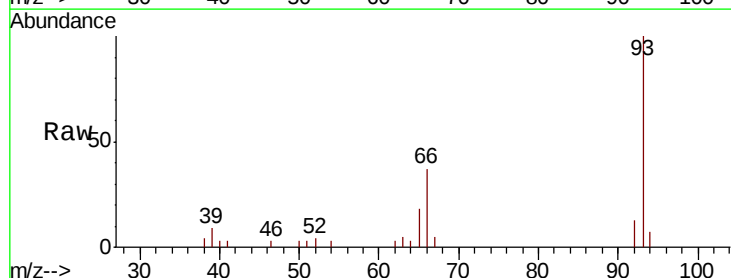
Tgt Ion: 93 Resp: 22450

Ion Ratio Lower Upper

93 100

66 37.1 30.2 45.4

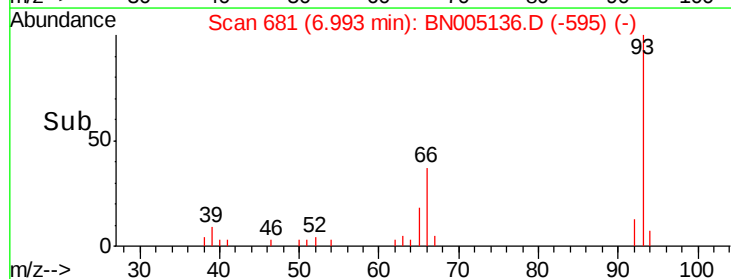
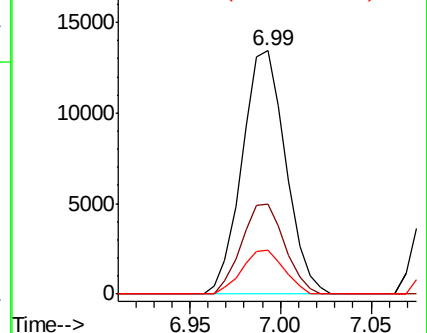
65 17.9 14.7 22.1

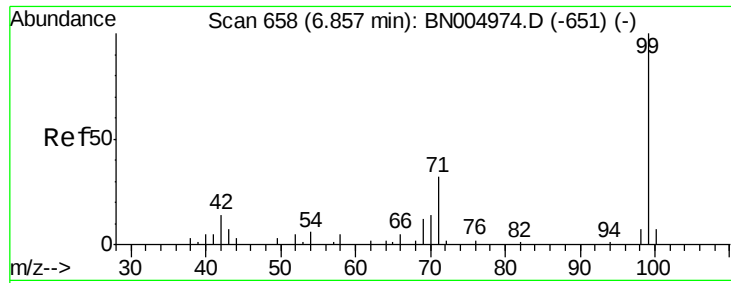


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 130.336 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

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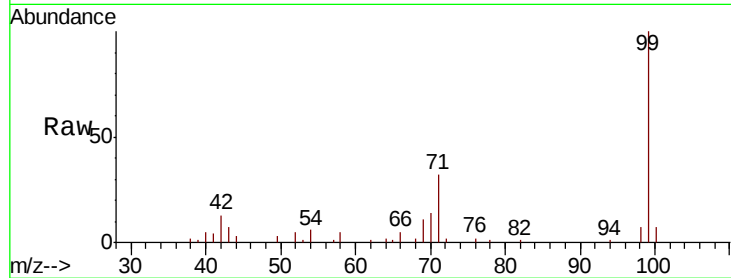
Tot Ion: 99 Resp: 70042

Ion Ratio Lower Upper

99 100

42 13.2 11.4 17.0

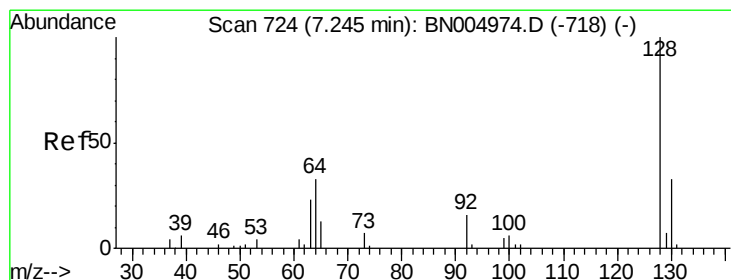
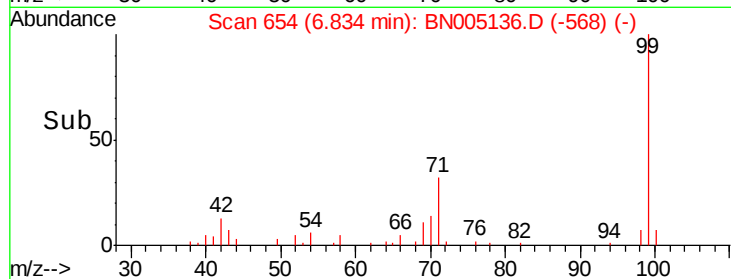
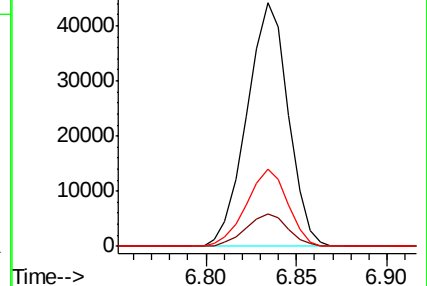
71 31.9 25.8 38.8



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: 42.792 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

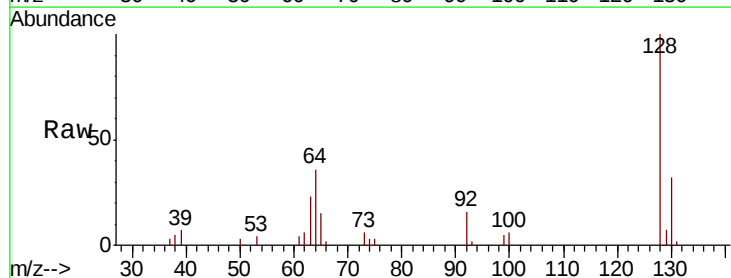
Tgt Ion: 128 Resp: 22010

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

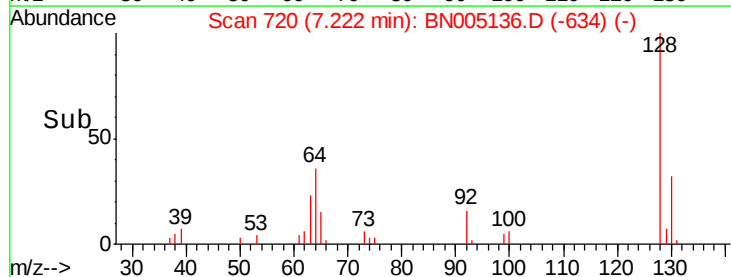
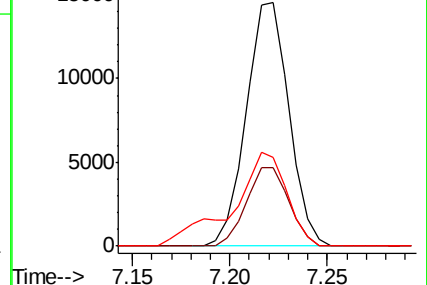
64 36.4 19.9 59.9

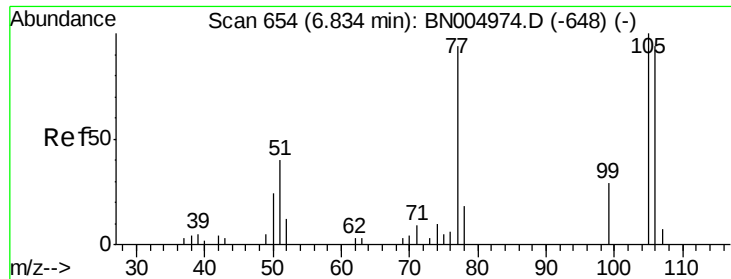


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

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

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

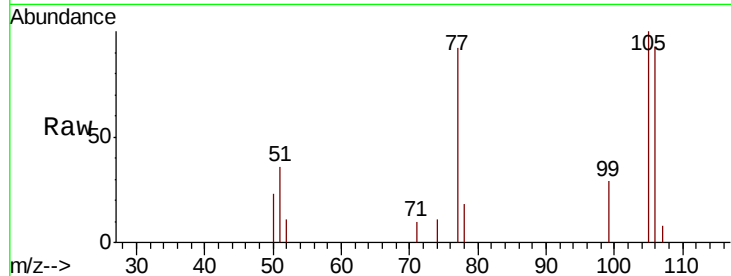




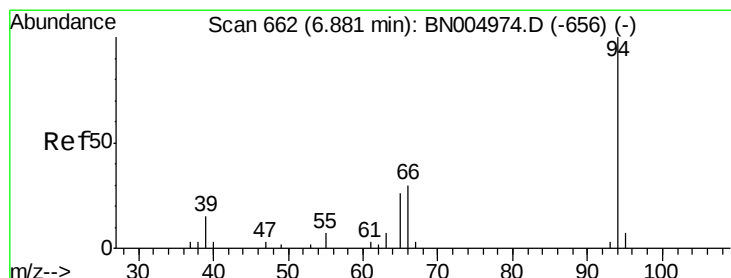
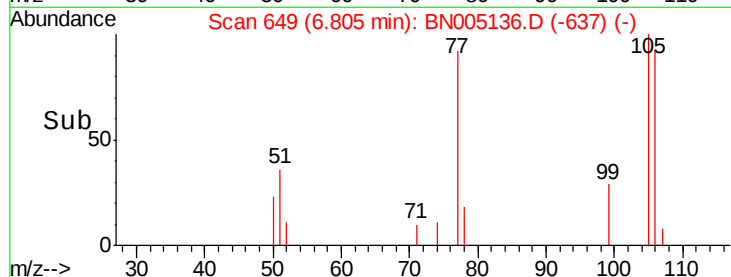
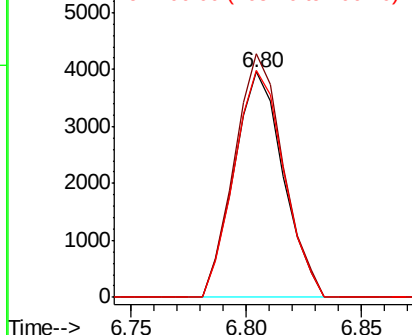
#9
Benzaldehyde
Concen: 19.061 ng
RT: 6.80 min Scan# 649
Delta R.T. -0.03 min
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Tot Ion: 77 Resp: 5886
Ion Ratio Lower Upper
77 100
105 108.1 86.1 126.1
106 101.0 79.9 119.9

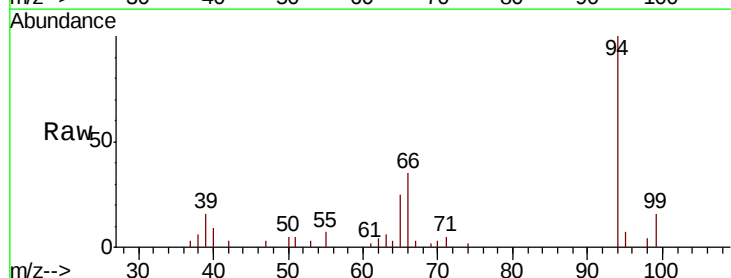


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC

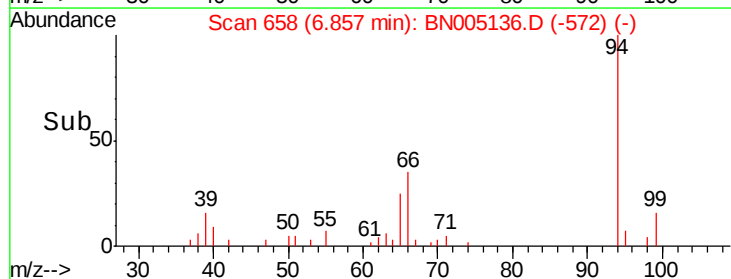
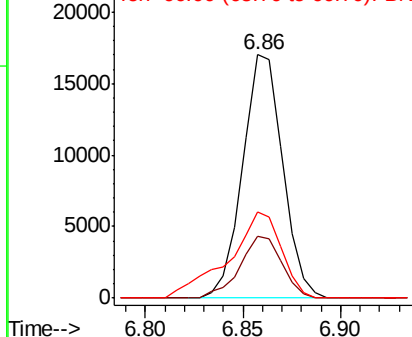


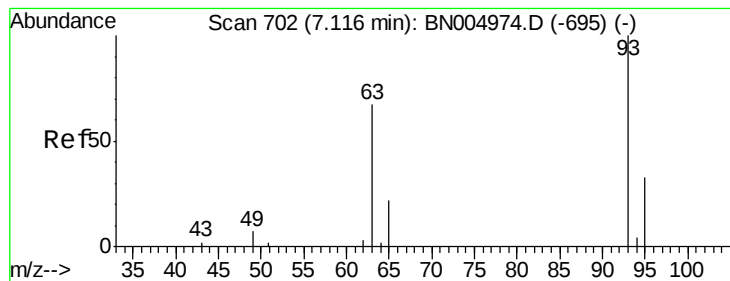
#10
Phenol
Concen: 42.030 ng
RT: 6.86 min Scan# 658
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion: 94 Resp: 24203
Ion Ratio Lower Upper
94 100
65 25.2 5.7 45.7
66 35.3 14.8 54.8



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





#11

bis(2-Chloroethyl)ether

Concen: 38.071 ng

RT: 7.09 min Scan# 697

Delta R.T. -0.03 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

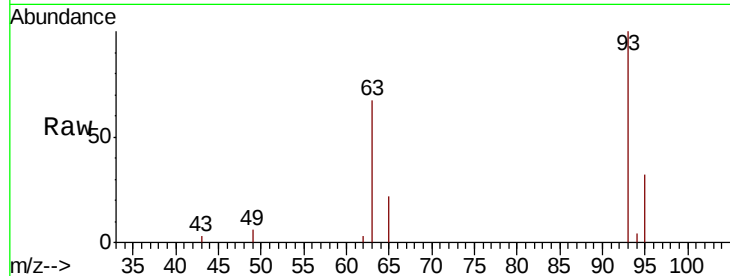
Tot Ion: 93 Resp: 16953

Ion Ratio Lower Upper

93 100

63 66.9 47.0 87.0

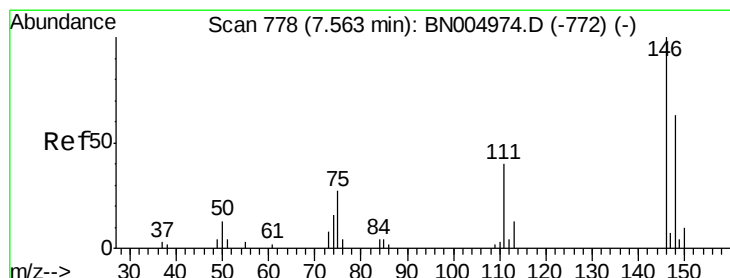
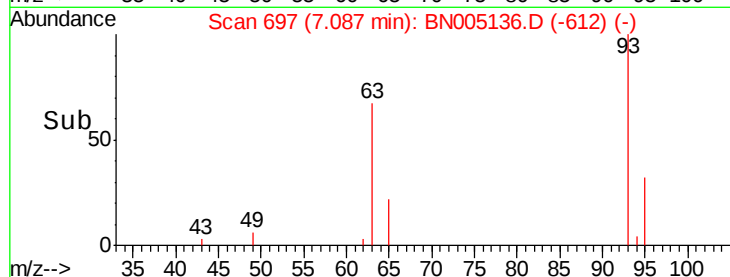
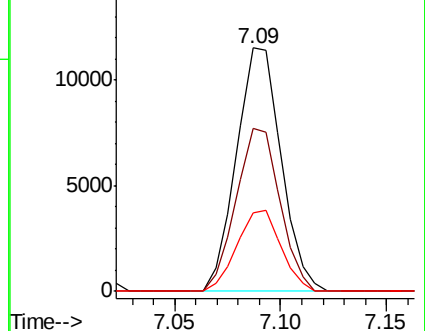
95 32.3 12.7 52.7



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: 38.930 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

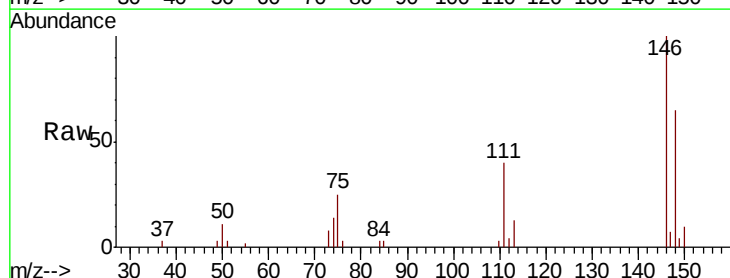
Tgt Ion: 146 Resp: 21816

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

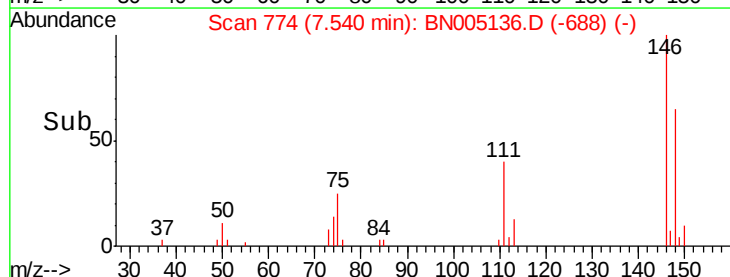
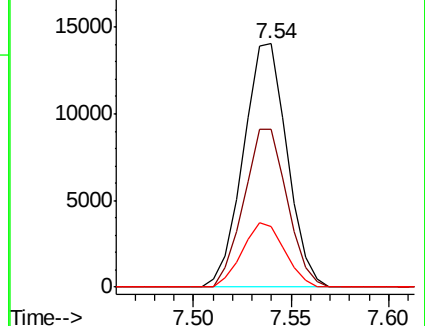
75 24.9 22.0 33.0

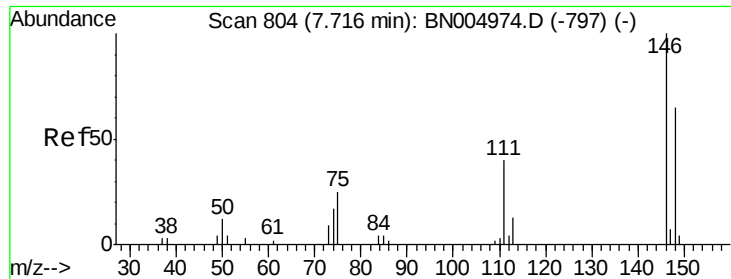


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)

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

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

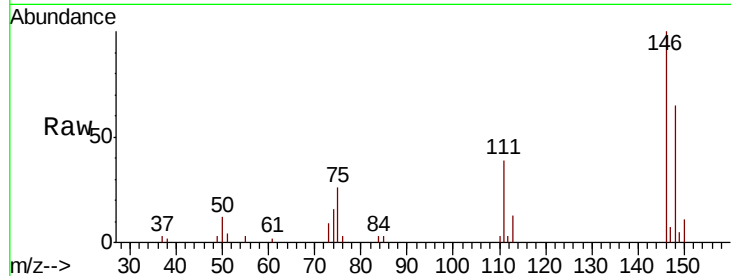




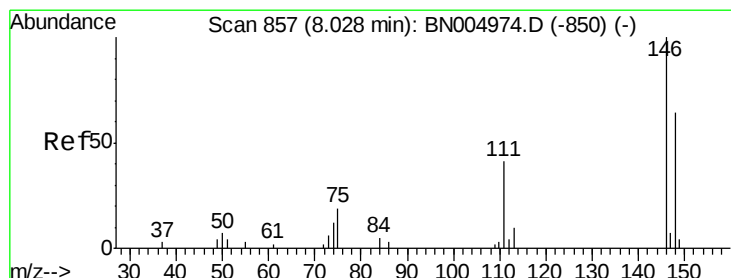
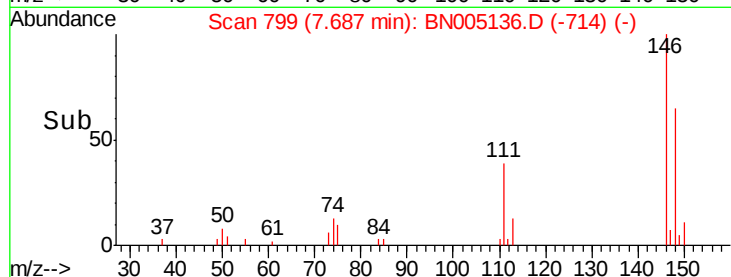
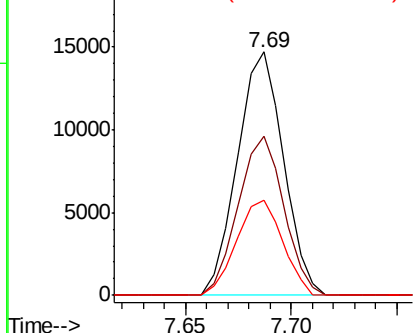
#13
 1,4-Dichlorobenzene
 Concen: 39.206 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:146 Resp: 22239
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.4 77.2
 111 39.2 32.6 49.0

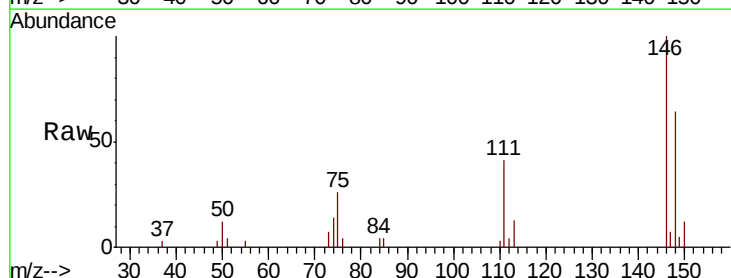


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

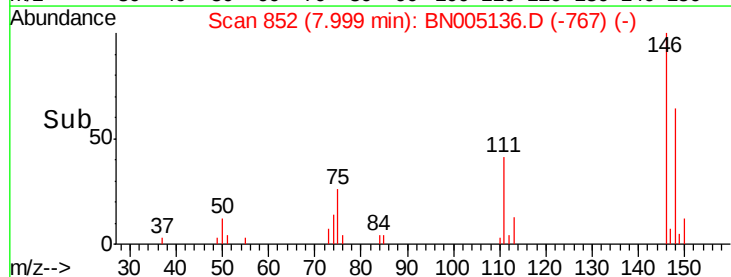
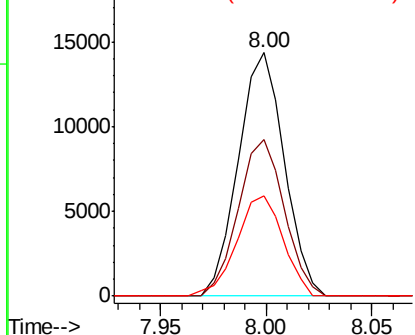


#14
 1,2-Dichlorobenzene
 Concen: 39.841 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:146 Resp: 21628
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 40.9 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: 39.252 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleID :

PB118783BS

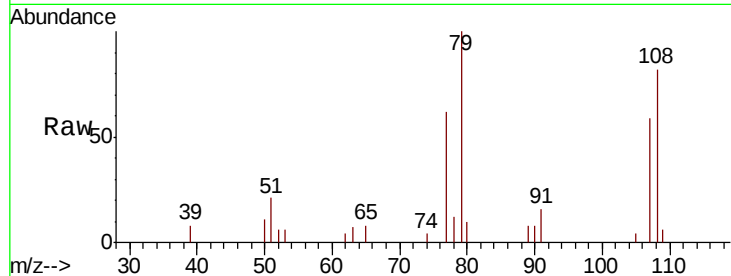
Tot Ion: 79 Resp: 16048

Ion Ratio Lower Upper

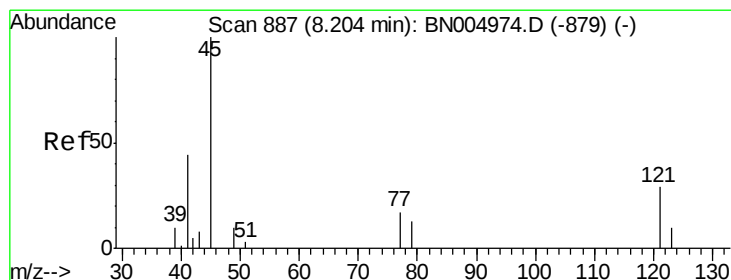
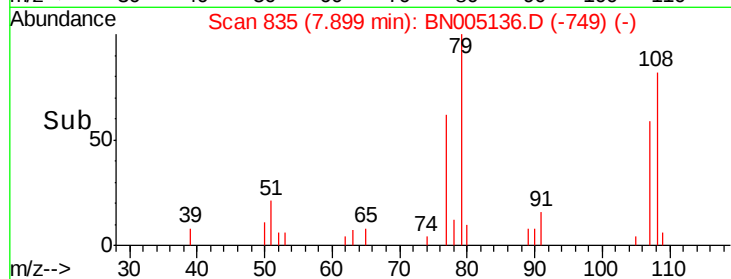
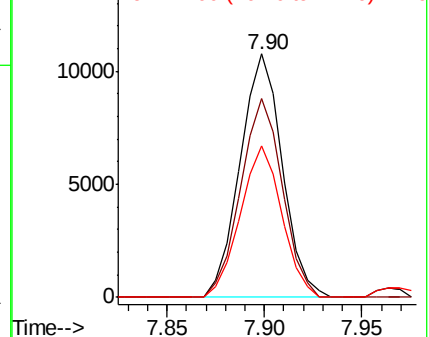
79 100

108 81.7 64.0 96.0

77 62.1 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: 34.379 ng

RT: 8.18 min Scan# 882

Delta R.T. -0.03 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

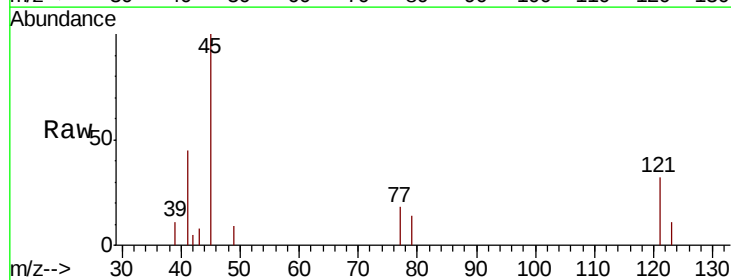
Tgt Ion: 45 Resp: 18470

Ion Ratio Lower Upper

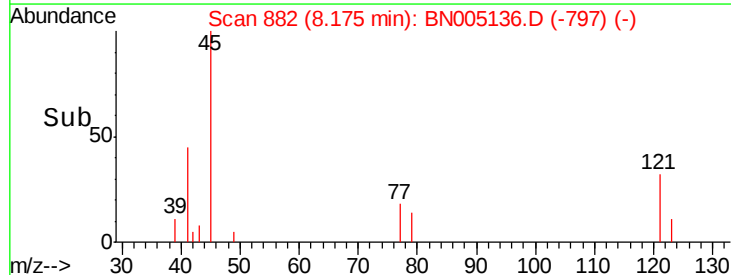
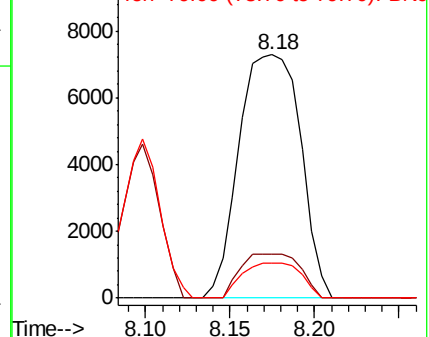
45 100

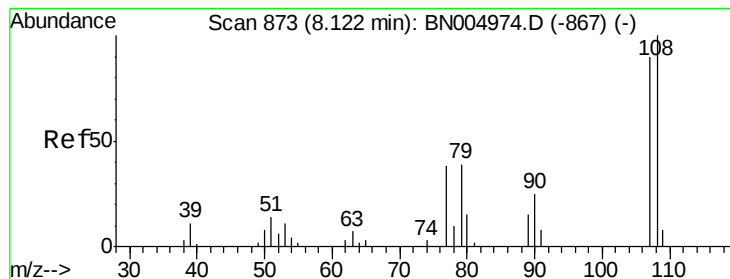
77 18.1 0.0 36.9

79 14.2 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

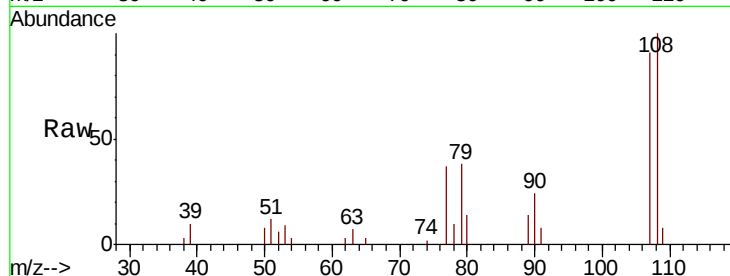




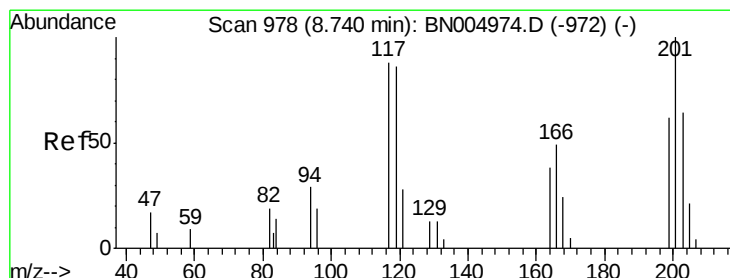
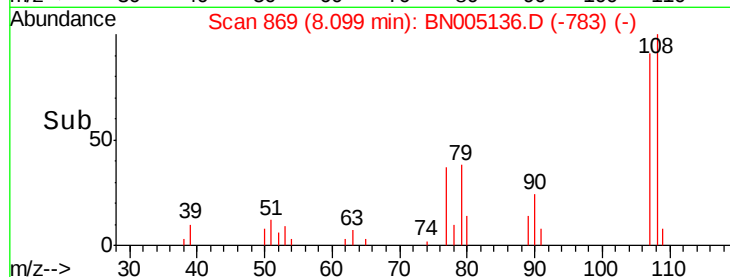
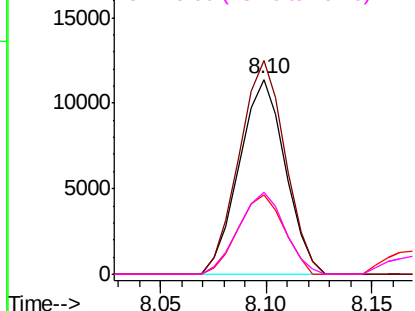
#17
2-Methylphenol
Concen: 42.900 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:107 Resp: 17222
Ion Ratio Lower Upper
107 100
108 109.8 88.8 133.2
77 40.5 34.2 51.2
79 42.0 34.8 52.2

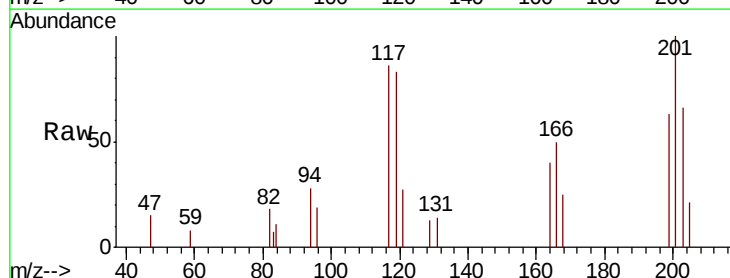


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

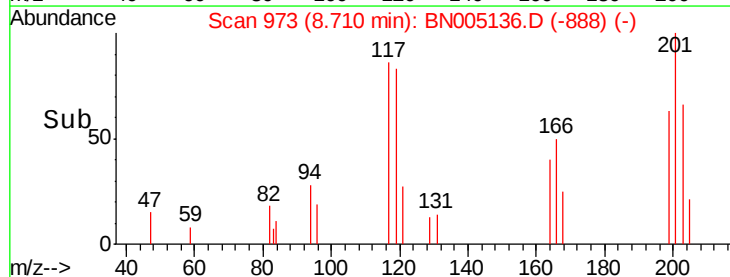
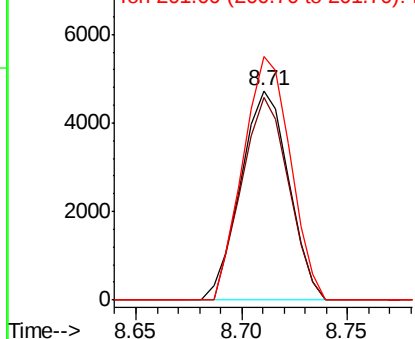


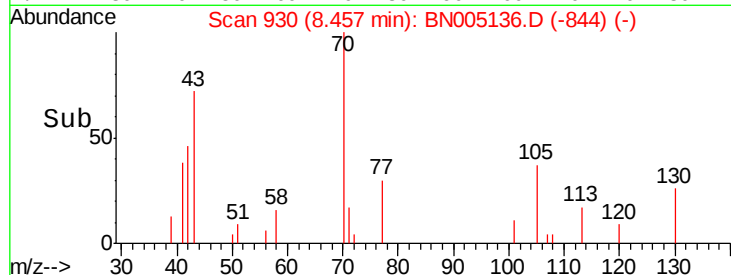
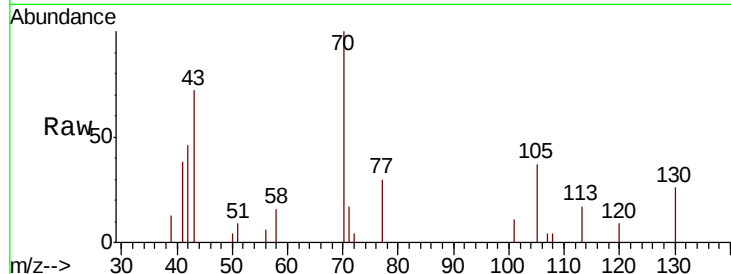
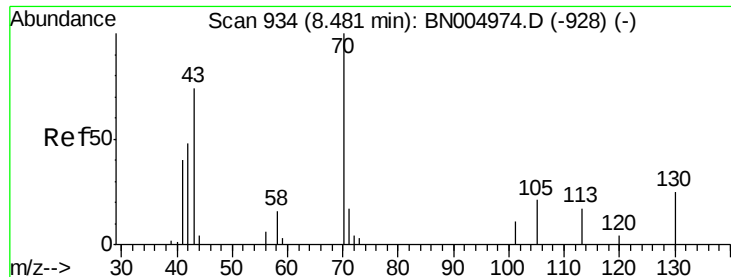
#18
Hexachloroethane
Concen: 37.288 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:117 Resp: 7497
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 116.2 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

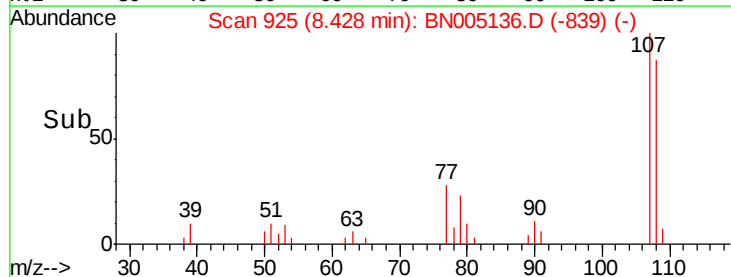
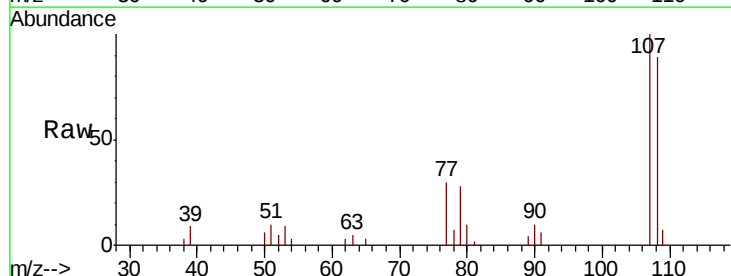
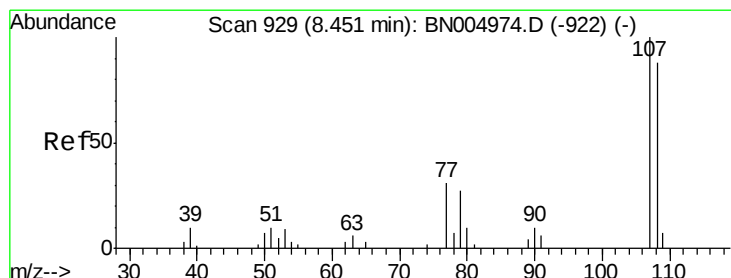
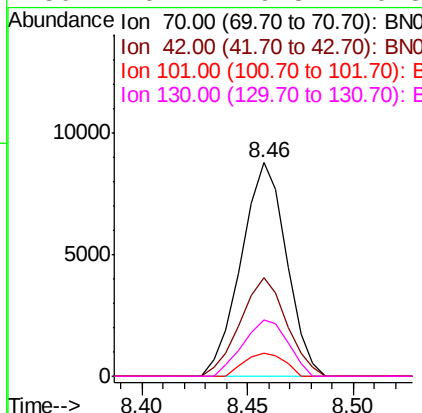




#19
n-Nitroso-di-n-propylamine
Concen: 37.080 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

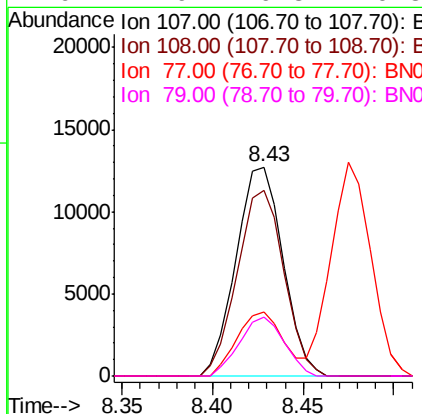
Instrument :
BNA_N
ClientSampleId :
PB118783BS

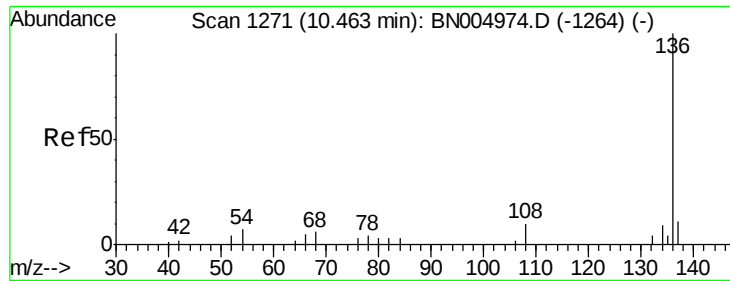
Tot Ion: 70 Resp: 13063
Ion Ratio Lower Upper
70 100
42 46.1 38.4 57.6
101 10.8 8.8 13.2
130 26.1 19.8 29.8



#20
3+4-Methylphenols
Concen: 42.079 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion: 107 Resp: 22936
Ion Ratio Lower Upper
107 100
108 88.8 67.9 107.9
77 30.4 10.6 50.6
79 27.9 6.8 46.8

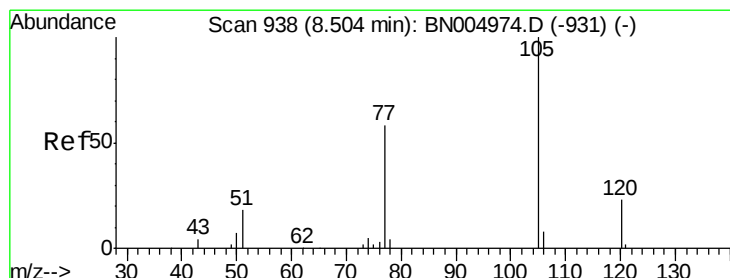
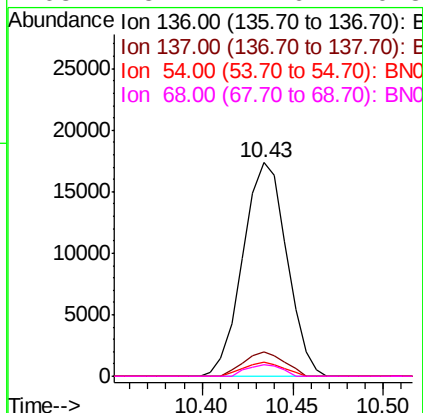
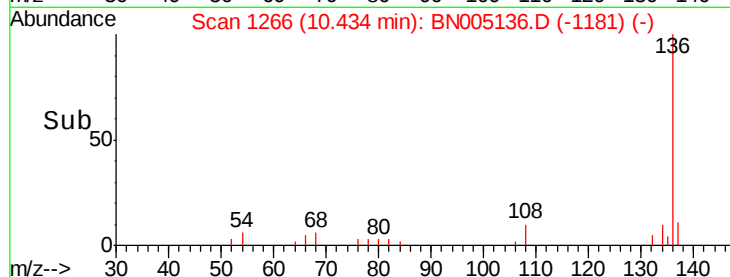
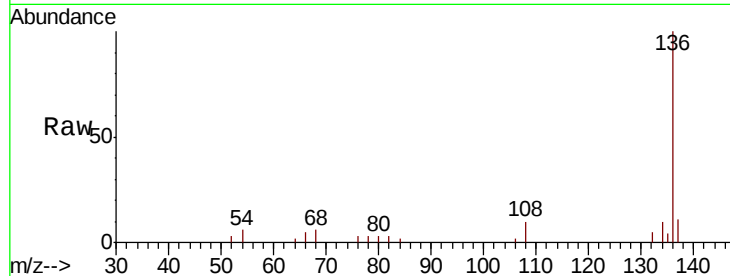




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

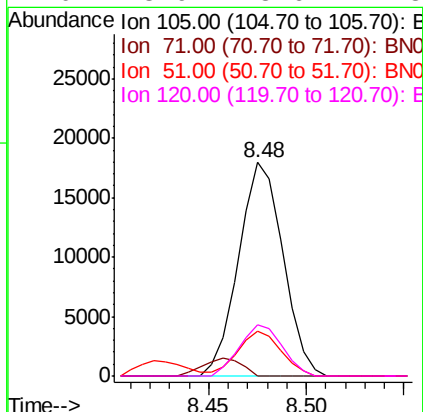
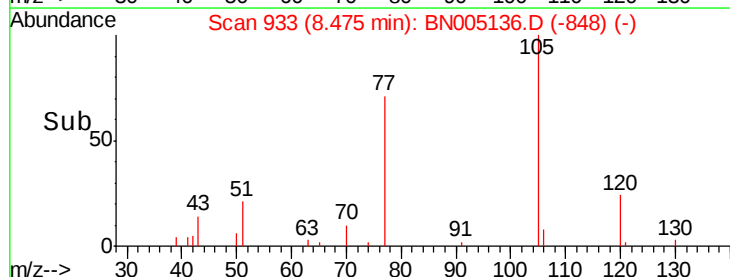
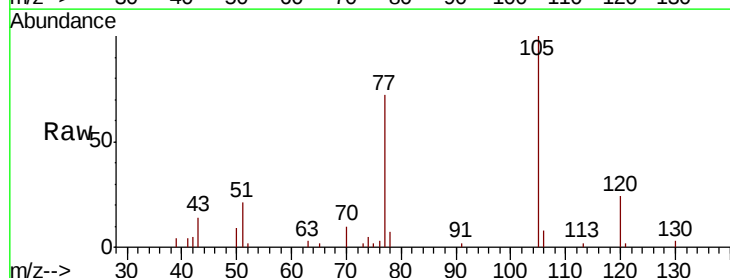
Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:136	Resp:	29359
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	6.3	5.3 7.9
68	5.7	4.6 6.8



#22
Acetophenone
Concen: 42.339 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:105	Resp:	28375
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	20.9	17.8 26.8
120	23.9	18.6 27.8

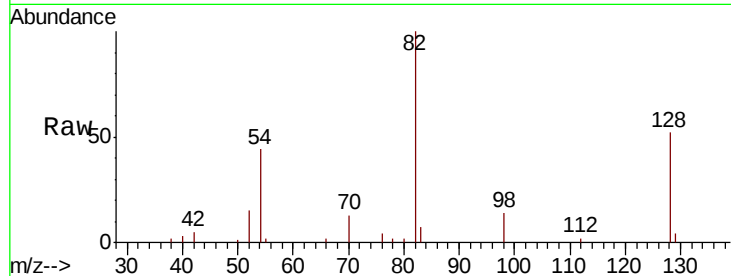




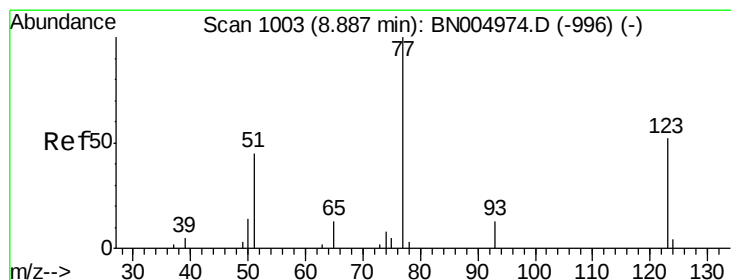
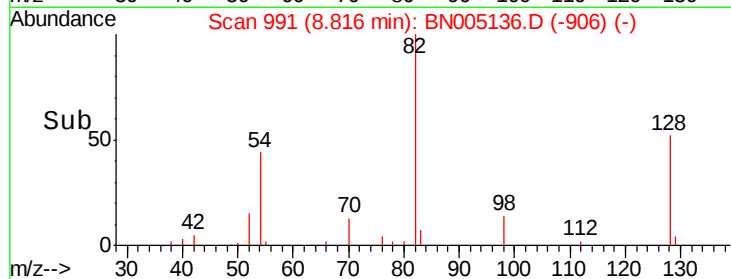
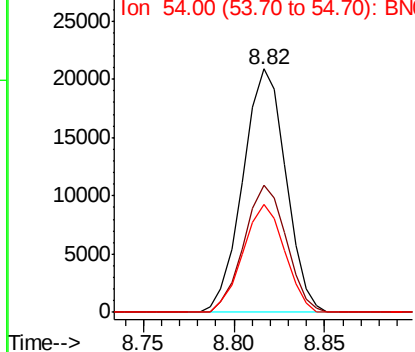
#23
Nitrobenzene-d5
Concen: 70.993 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion: 82 Resp: 34456
Ion Ratio Lower Upper
82 100
128 52.0 40.6 60.8
54 44.2 35.2 52.8

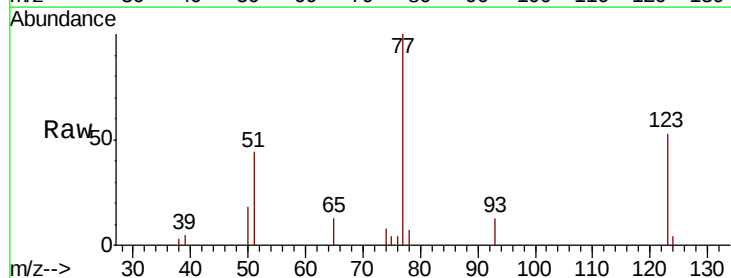


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

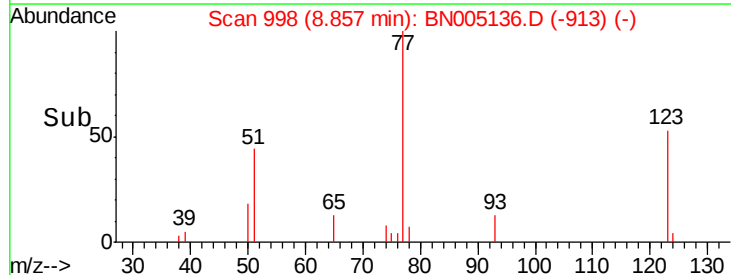
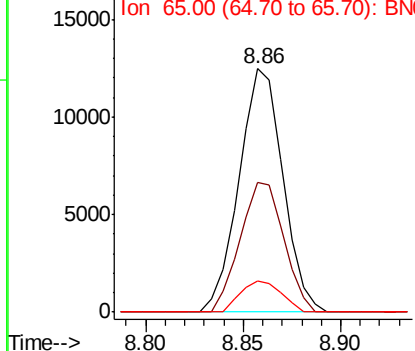


#24
Nitrobenzene
Concen: 39.560 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion: 77 Resp: 19431
Ion Ratio Lower Upper
77 100
123 53.3 41.3 61.9
65 12.8 10.3 15.5



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





#25

Isophorone

Concen: 38.853 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

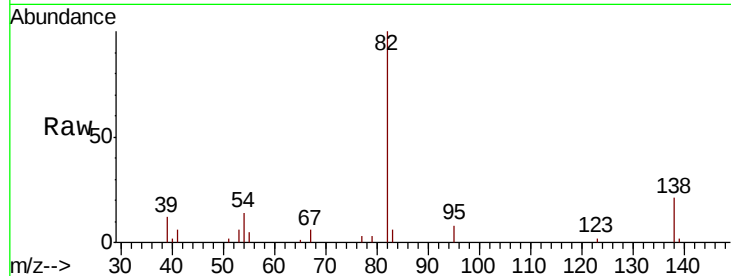
Tot Ion: 82 Resp: 36735

Ion Ratio Lower Upper

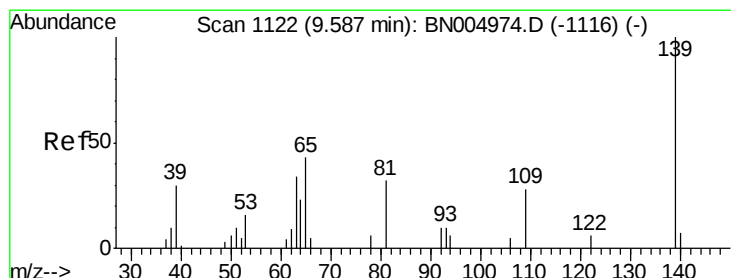
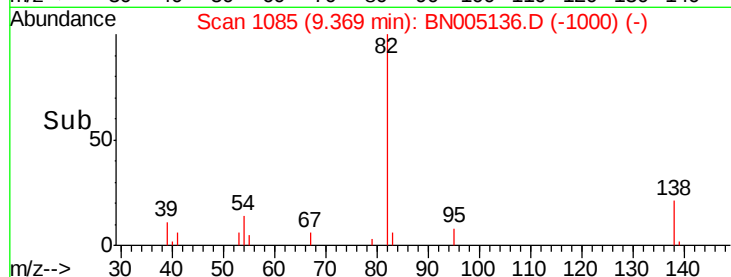
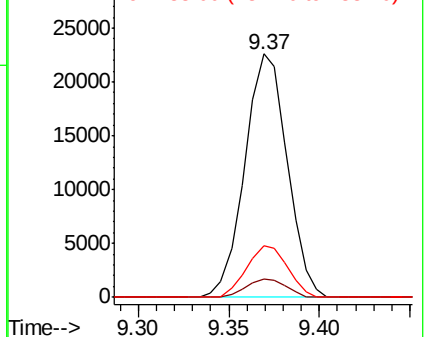
82 100

95 7.6 6.1 9.1

138 21.1 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNO
Ion 95.00 (94.70 to 95.70): BNO
Ion 138.00 (137.70 to 138.70): BNO



#26

2-Nitrophenol

Concen: 40.452 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

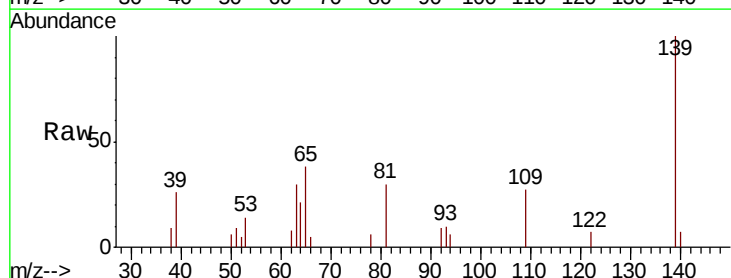
Tgt Ion: 139 Resp: 11537

Ion Ratio Lower Upper

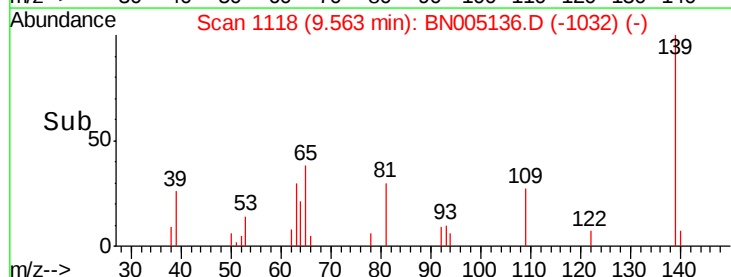
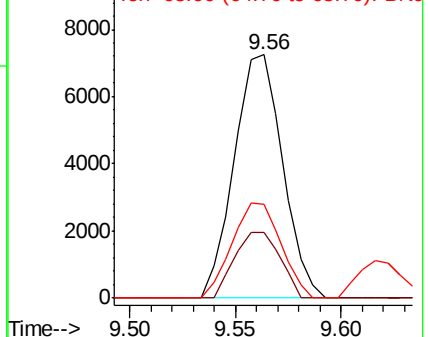
139 100

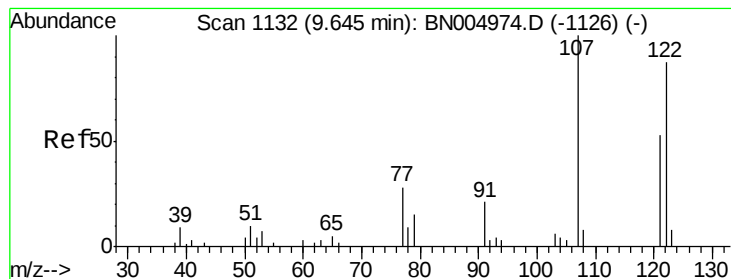
109 27.2 22.5 33.7

65 38.3 34.2 51.4



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

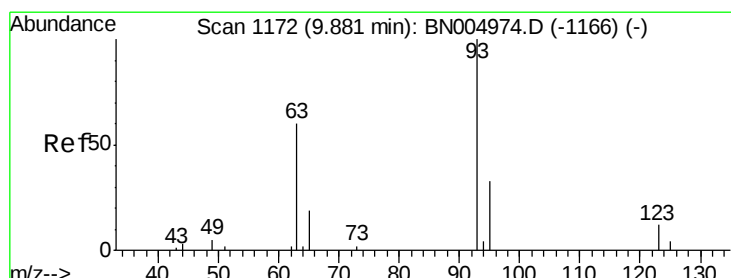
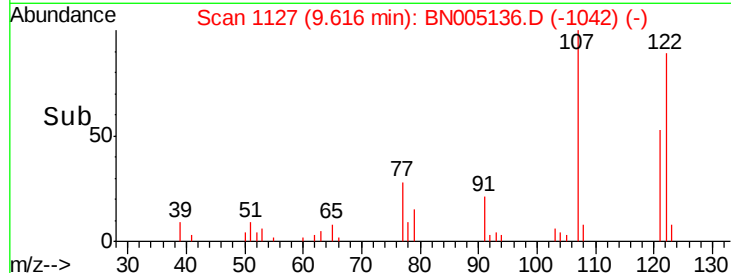
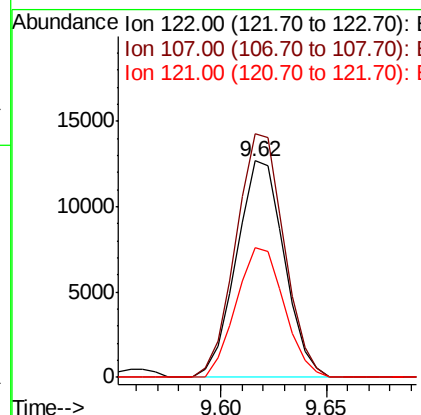
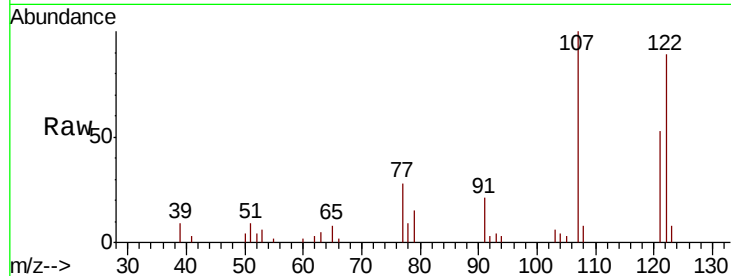




#27
 2,4-Dimethylphenol
 Concen: 50.235 ng
 RT: 9.62 min Scan# 1127
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

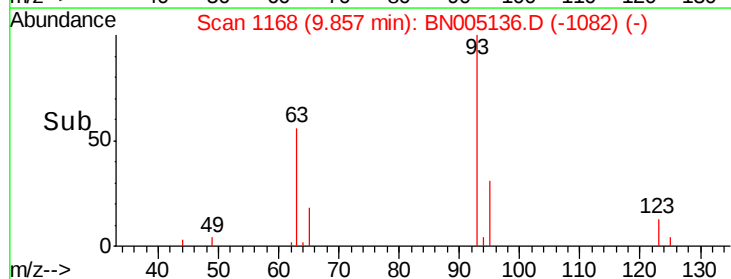
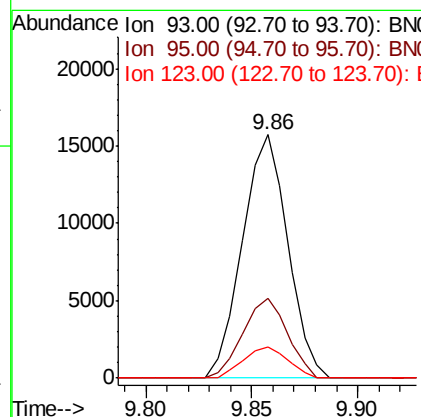
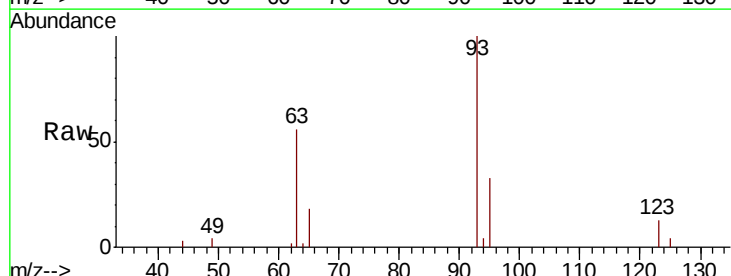
Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

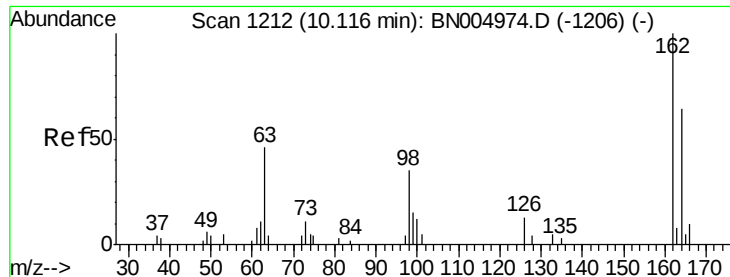
Tot Ion:	122	Resp:	19947
Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.6	137.4
121	59.7	48.2	72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.941 ng
 RT: 9.86 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:	93	Resp:	23398
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.7	9.8	14.8

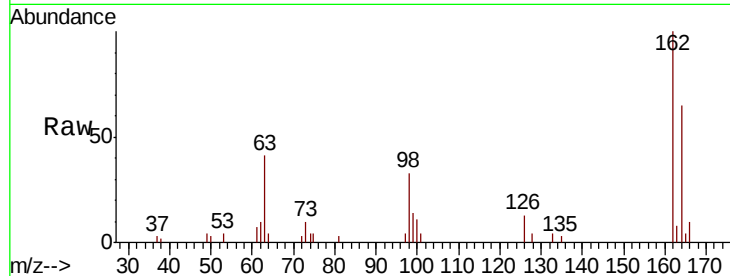




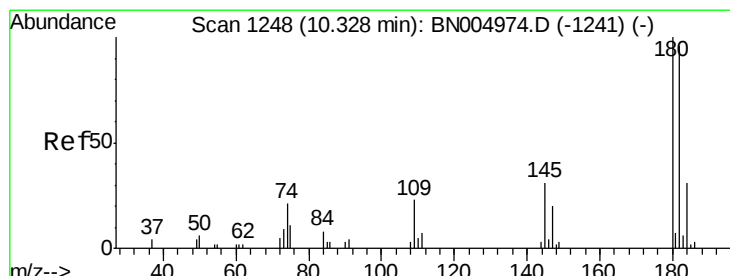
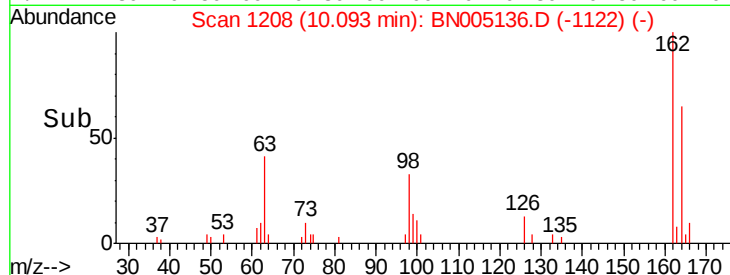
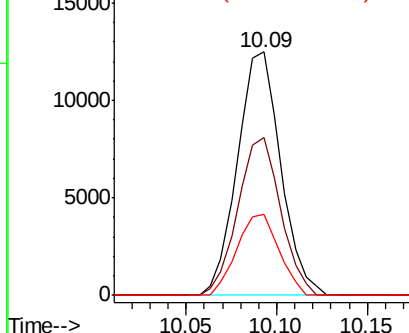
#29
 2,4-Dichlorophenol
 Concen: 45.580 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:162 Resp: 20801
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.3 84.3
 98 33.2 15.3 55.3

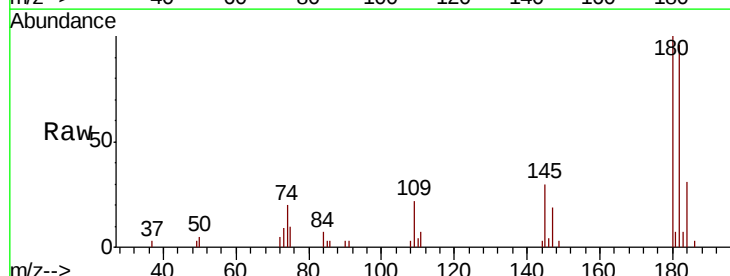


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

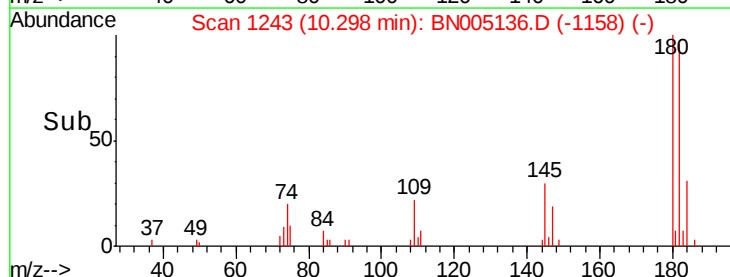
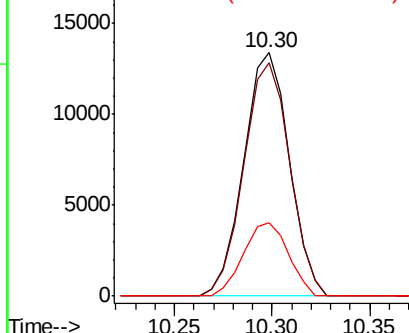


#30
 1,2,4-Trichlorobenzene
 Concen: 43.069 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:180 Resp: 21651
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 114.8
 145 30.1 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: 42.140 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

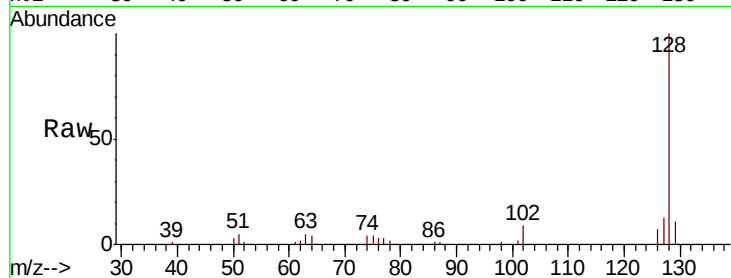
Tot Ion:128 Resp: 64548

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

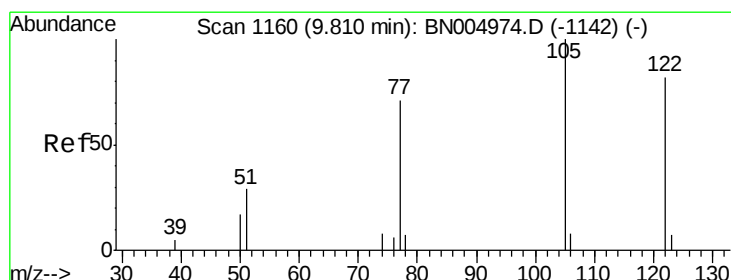
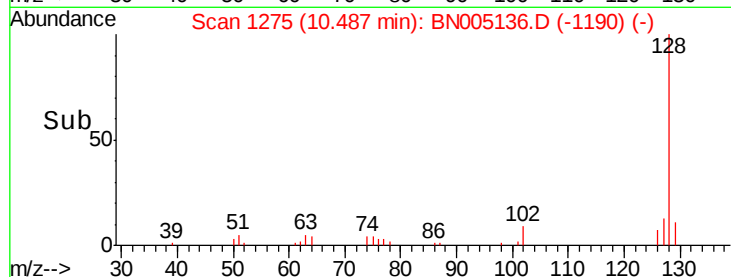
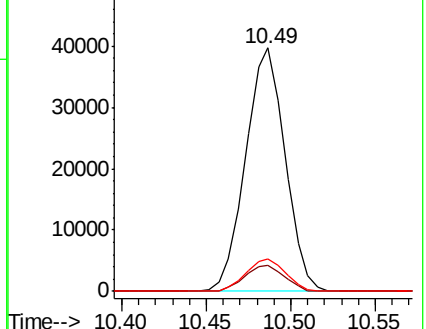
127 13.4 10.8 16.2



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: 30.559 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

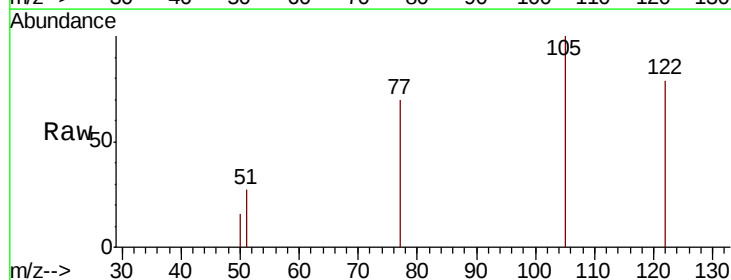
Tgt Ion:122 Resp: 9037

Ion Ratio Lower Upper

122 100

105 125.8 102.4 142.4

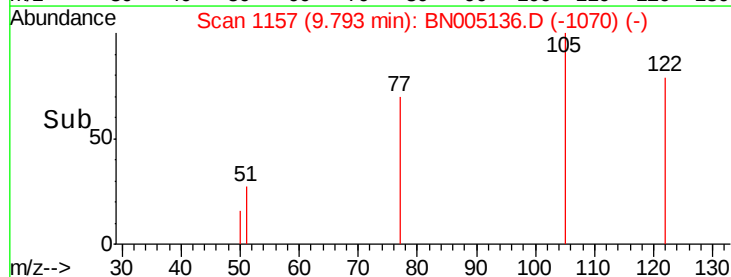
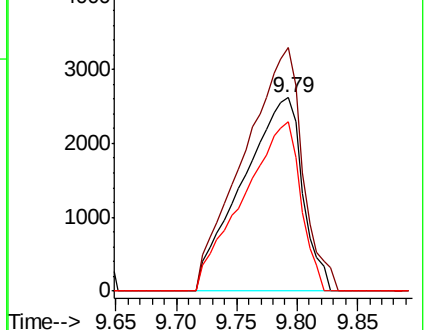
77 87.6 67.1 107.1

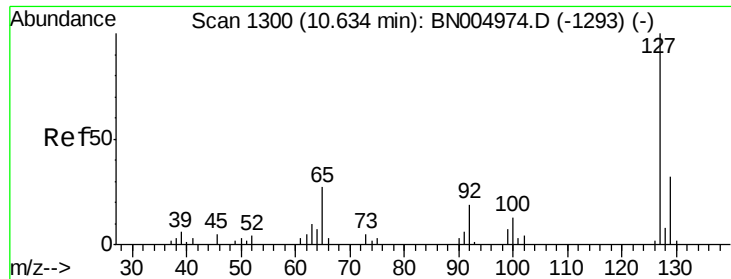


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

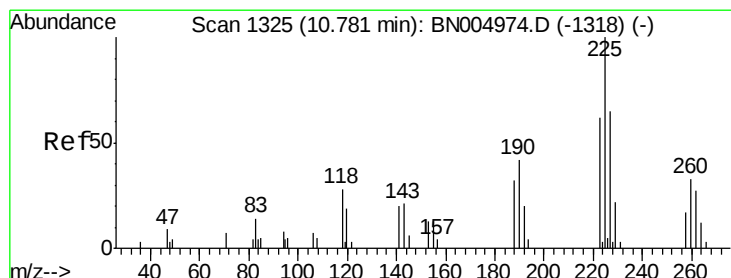
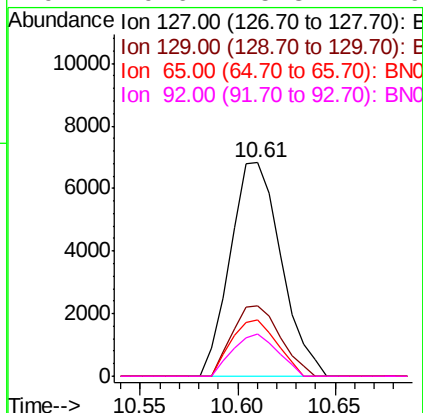
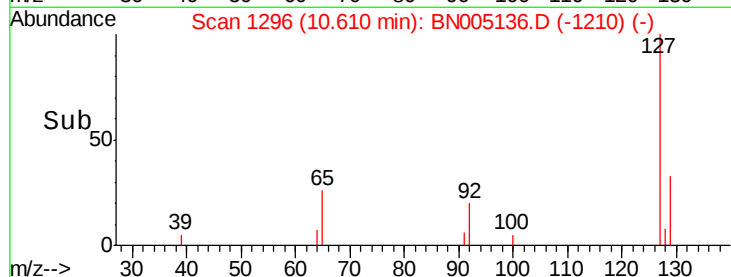
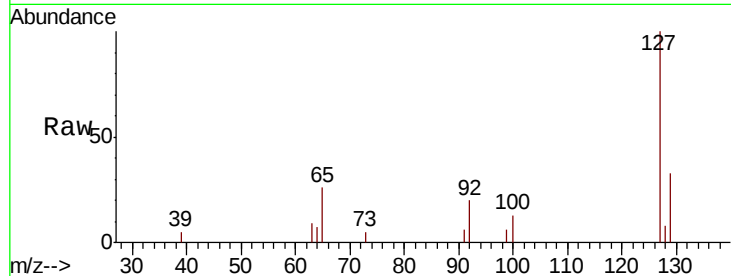




#33
4-Chloroaniline
Concen: 19.837 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

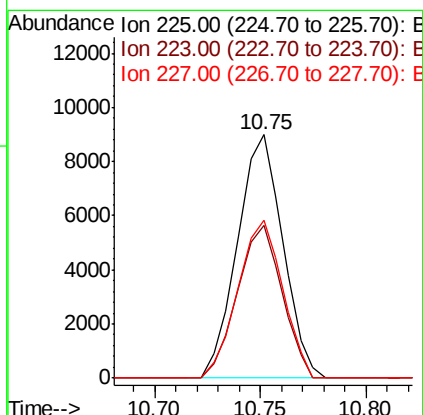
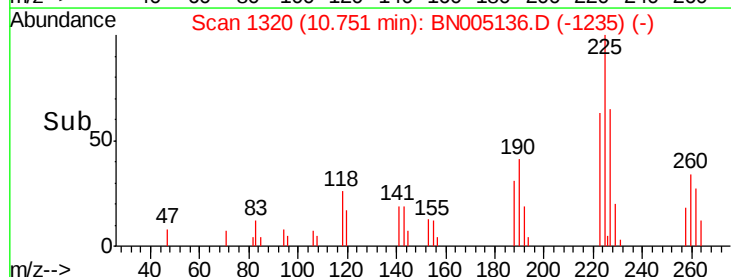
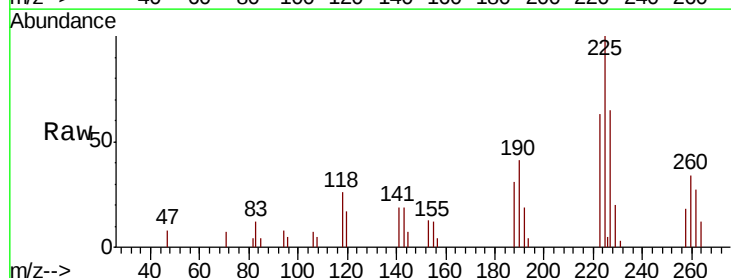
Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:	127	Resp:	12363
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	26.4	21.4	32.0
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.260 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:	225	Resp:	13421
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	64.8	52.0	78.0

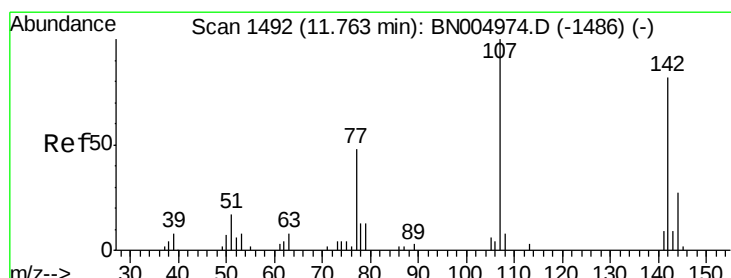
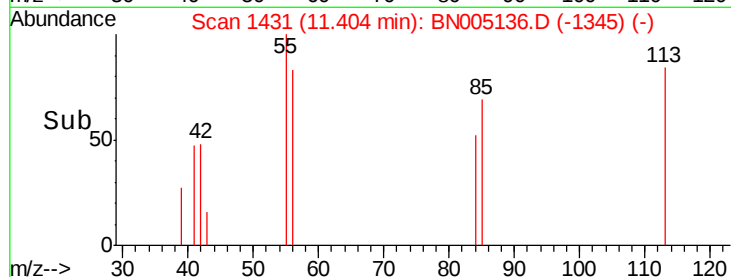
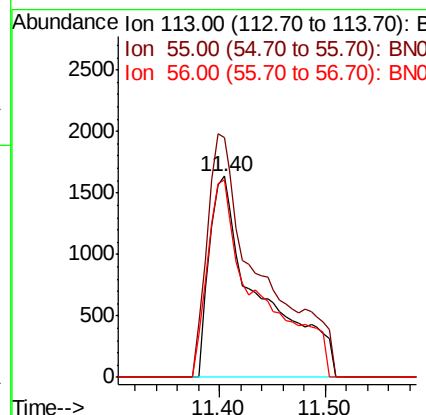
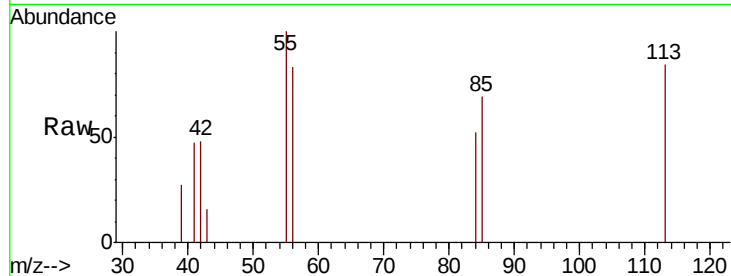




#35
 Caprolactam
 Concen: 36.418 ng
 RT: 11.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

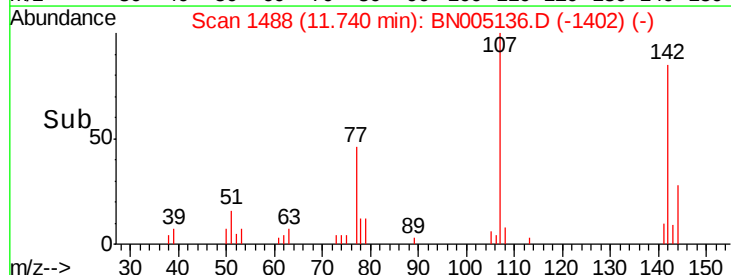
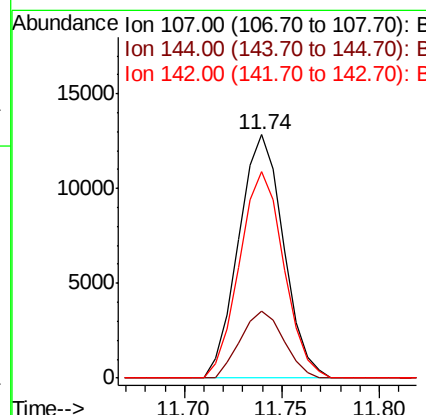
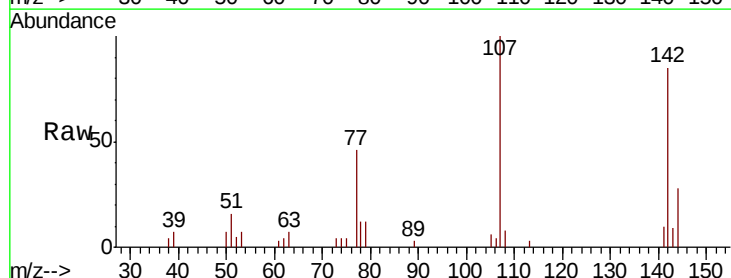
Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:113 Resp: 5442
 Ion Ratio Lower Upper
 113 100
 55 119.2 115.8 155.8
 56 98.4 85.1 125.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.506 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:107 Resp: 20462
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.3 31.9
 142 84.6 65.8 98.8

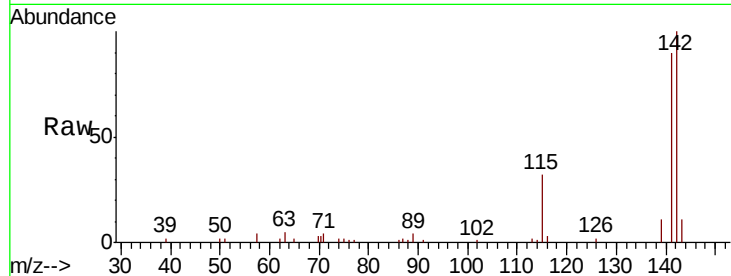




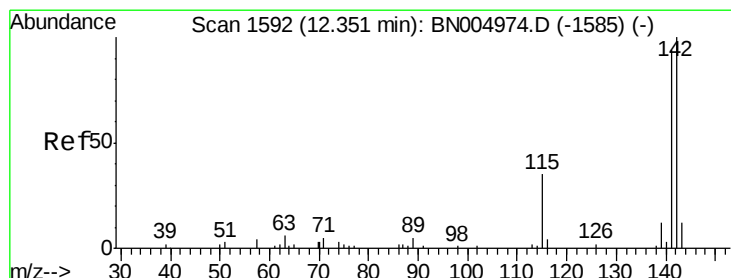
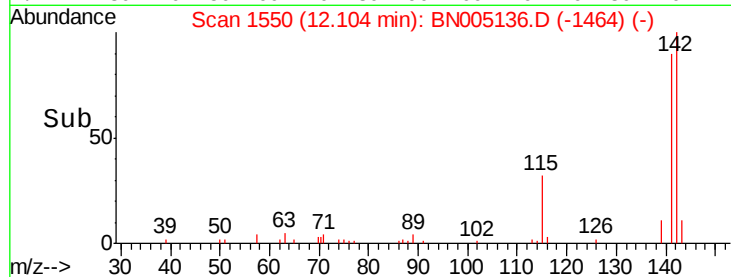
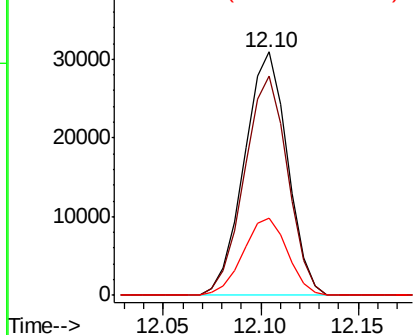
#37
 2-Methylnaphthalene
 Concen: 43.883 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:142 Resp: 47466
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.8 107.8
 115 31.6 27.0 40.4

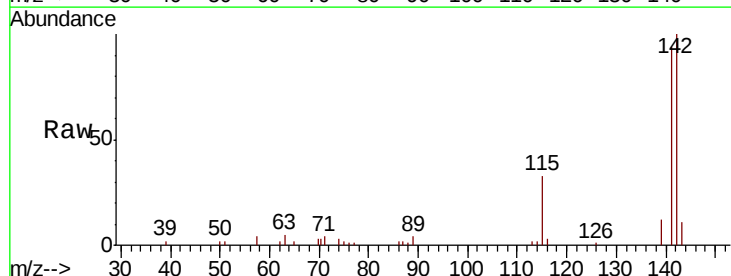


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

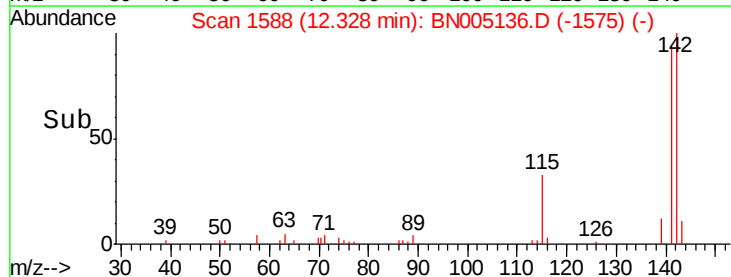
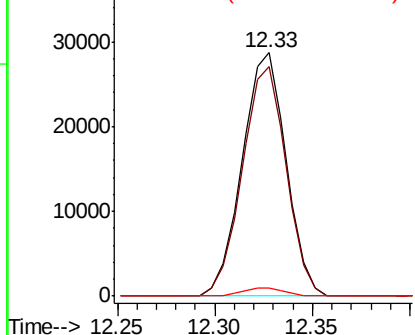


#38
 1-Methylnaphthalene
 Concen: 42.128 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:142 Resp: 44589
 Ion Ratio Lower Upper
 142 100
 141 94.3 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: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

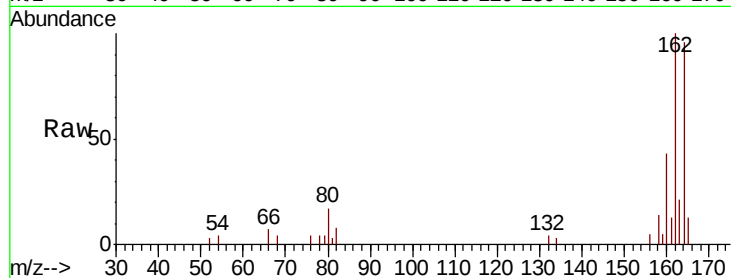
Tot Ion:164 Resp: 16782

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

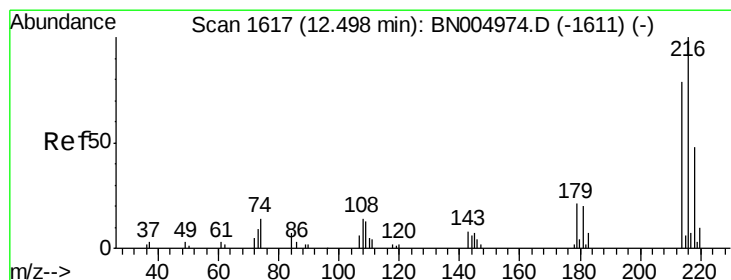
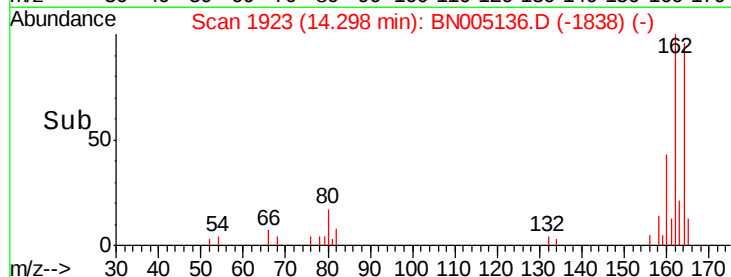
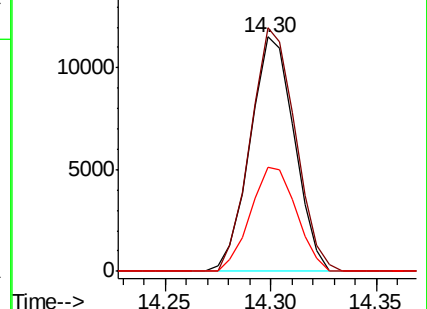
160 44.5 36.6 55.0



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: 42.613 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Tgt Ion:216 Resp: 25365

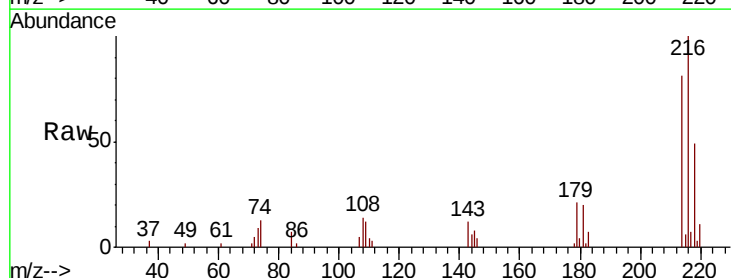
Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

179 20.1 16.4 24.6

108 16.7 12.7 19.1

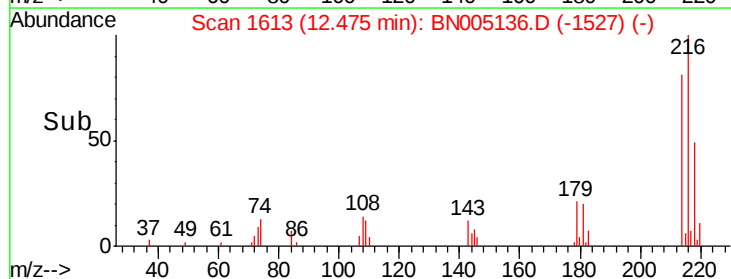
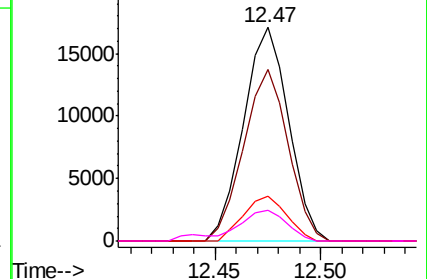


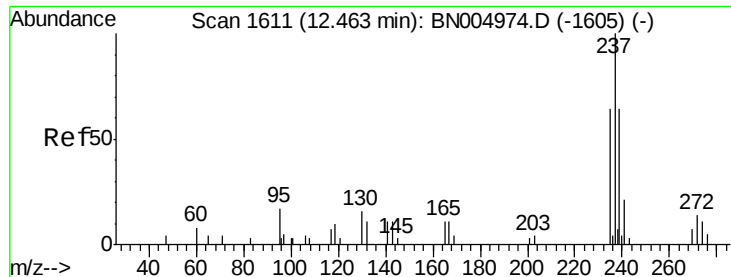
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.855 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

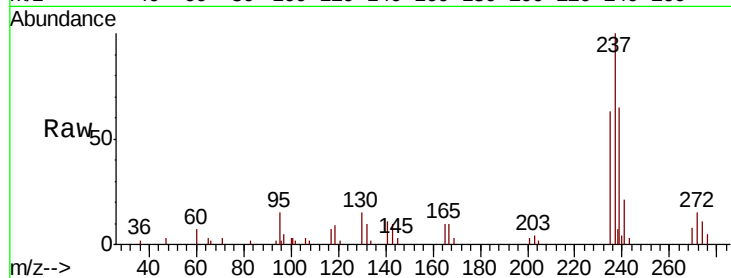
Tot Ion:237 Resp: 30107

Ion Ratio Lower Upper

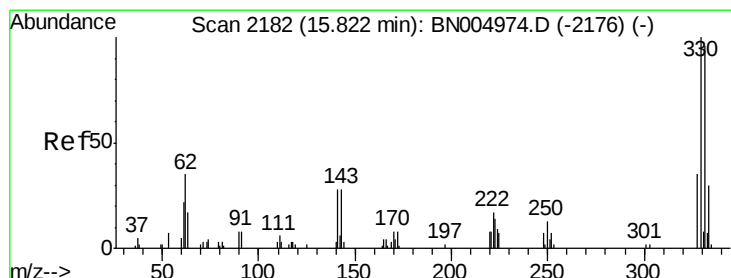
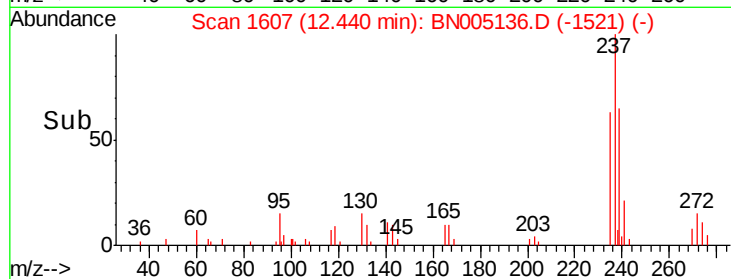
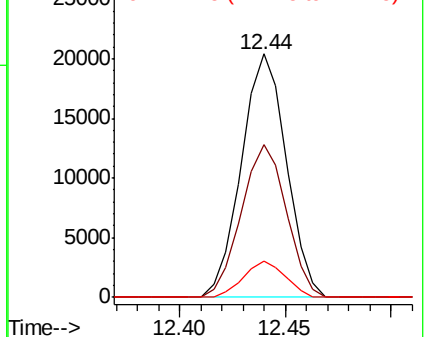
237 100

235 63.0 43.6 83.6

272 14.7 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: 140.659 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

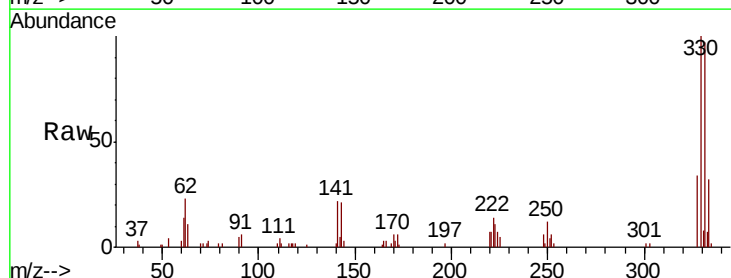
Tgt Ion:330 Resp: 38071

Ion Ratio Lower Upper

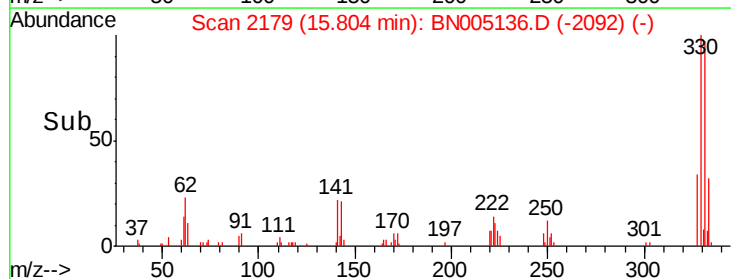
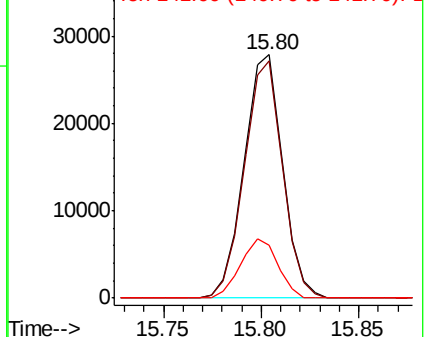
330 100

332 96.6 77.4 116.0

141 23.7 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

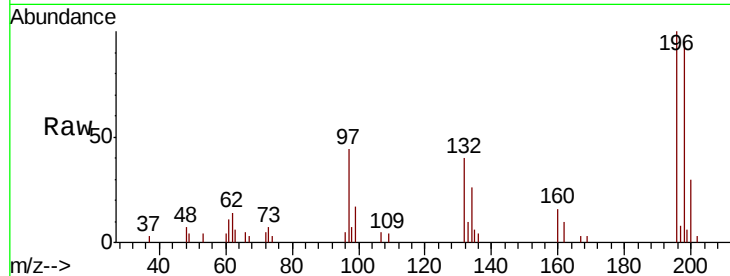




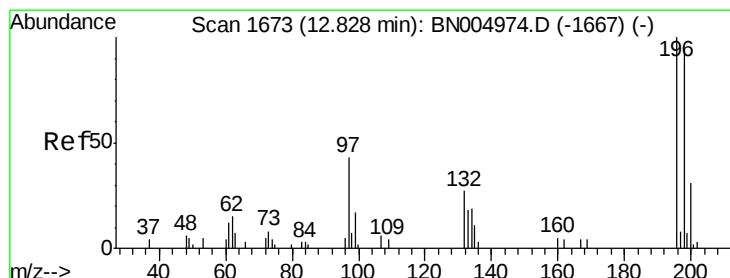
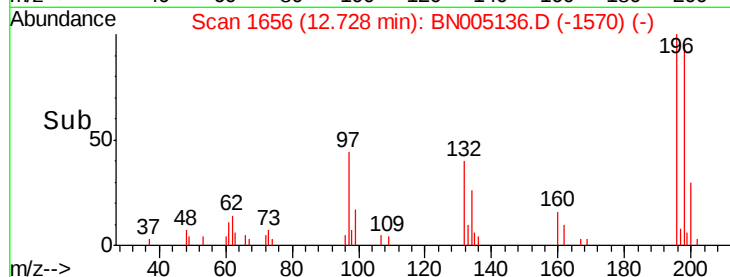
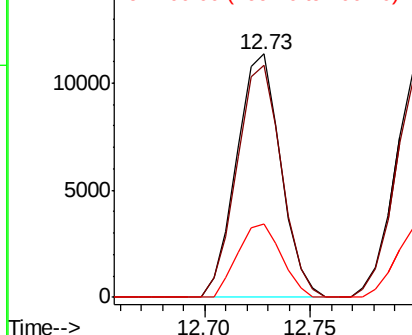
#43
 2,4,6-Trichlorophenol
 Concen: 44.587 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:196 Resp: 16468
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.5 114.7
 200 30.4 24.0 36.0



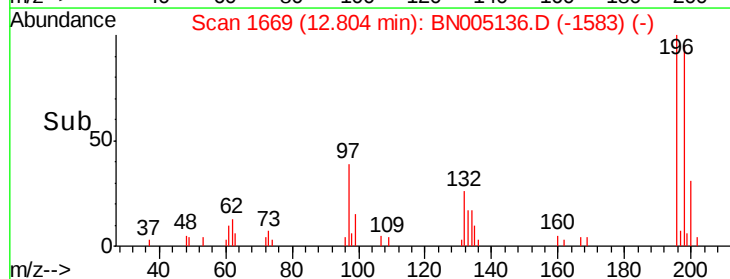
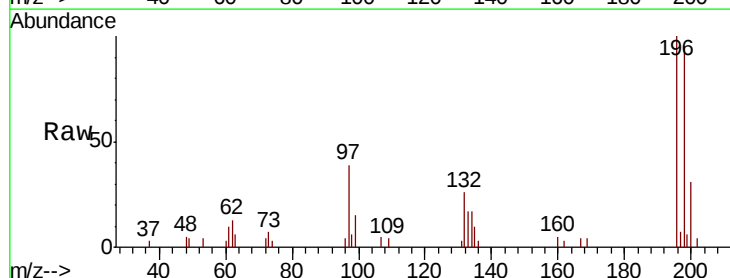
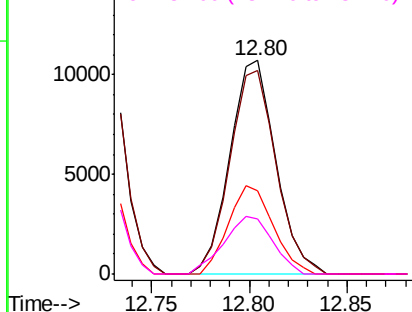
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.382 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:196 Resp: 17456
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.1 114.1
 97 38.9 34.8 52.2
 132 25.6 21.7 32.5

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

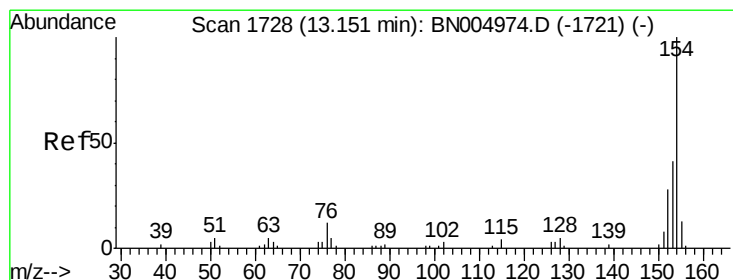
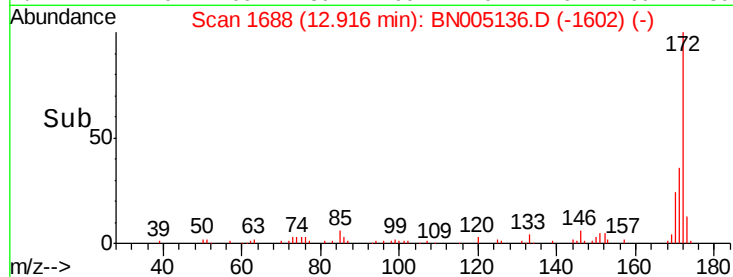
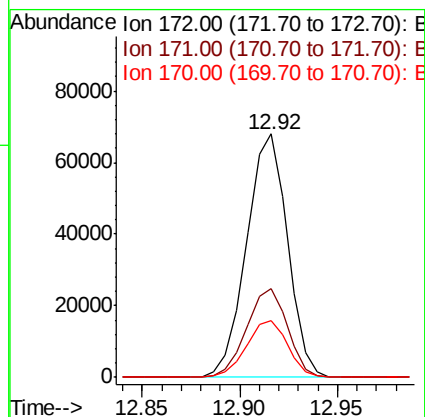
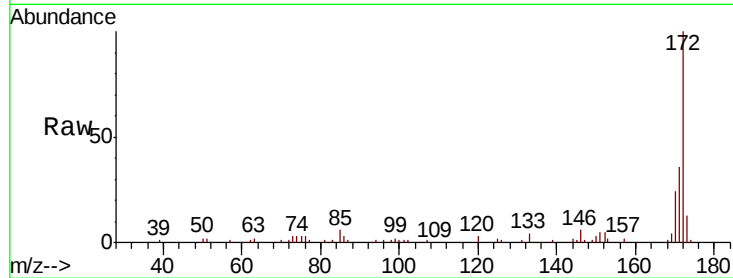




#45
 2-Fluorobiphenyl
 Concen: 77.780 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

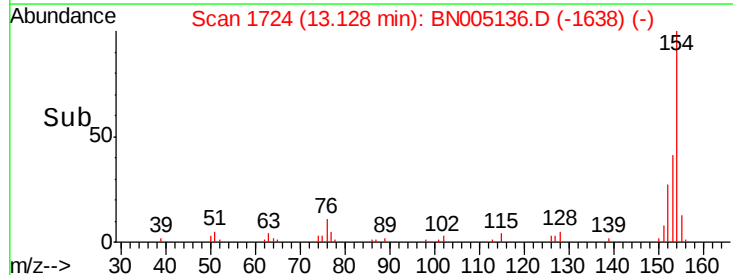
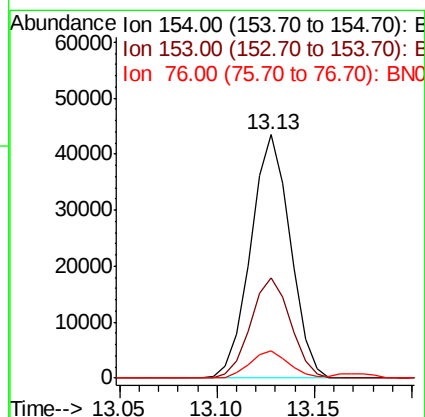
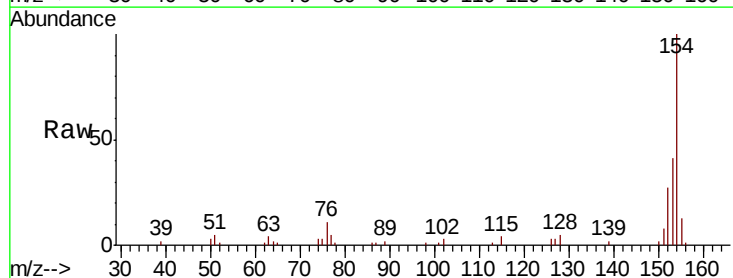
Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

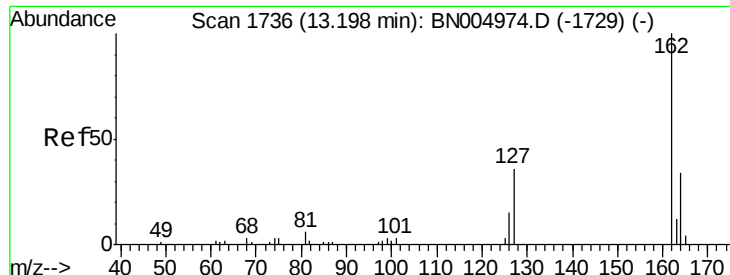
Tot Ion:172 Resp: 98504
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 23.5 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 42.965 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:154 Resp: 61026
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.2 61.2
 76 11.0 0.0 32.2

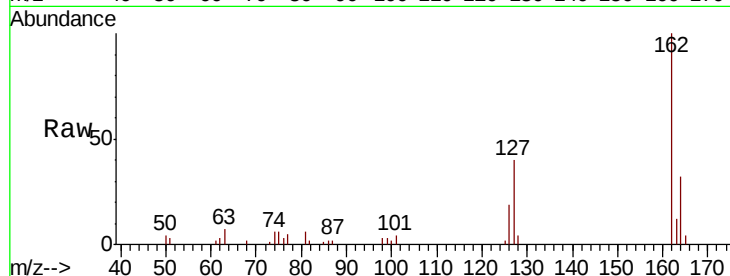




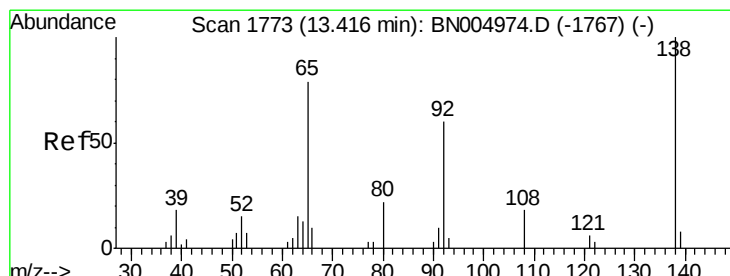
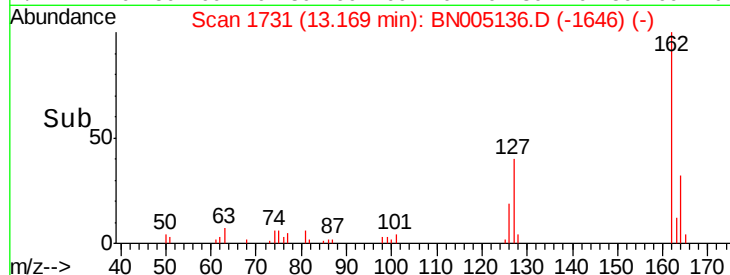
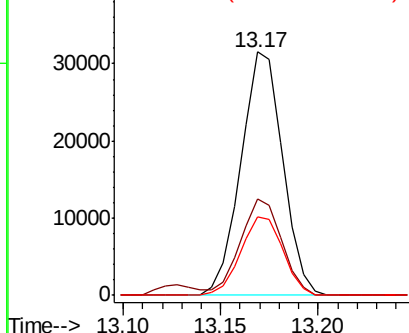
#47
 2-Chloronaphthalene
 Concen: 43.038 ng
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:162 Resp: 46910
 Ion Ratio Lower Upper
 162 100
 127 39.8 32.4 48.6
 164 32.4 26.8 40.2

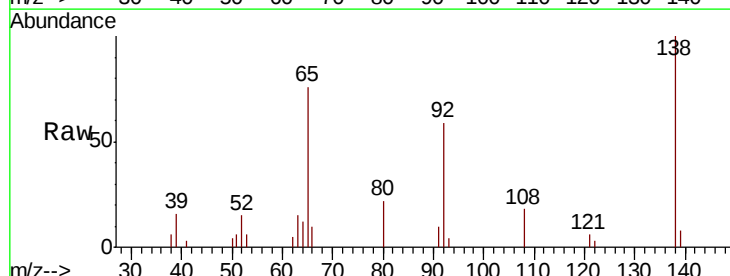


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

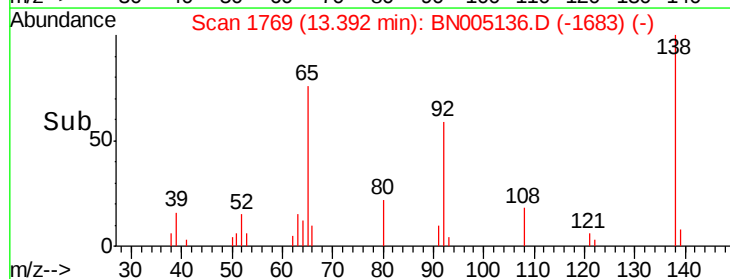
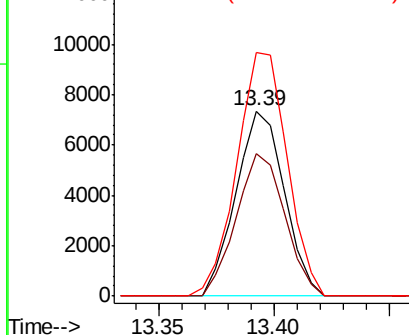


#48
 2-Nitroaniline
 Concen: 36.985 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion: 65 Resp: 10731
 Ion Ratio Lower Upper
 65 100
 92 77.1 60.2 90.4
 138 131.5 101.1 151.7



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: 40.926 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.03 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

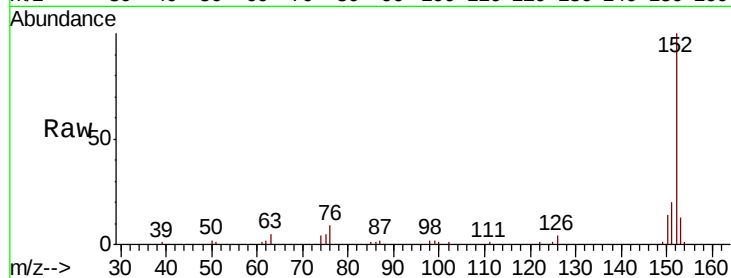
Tot Ion:152 Resp: 75028

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

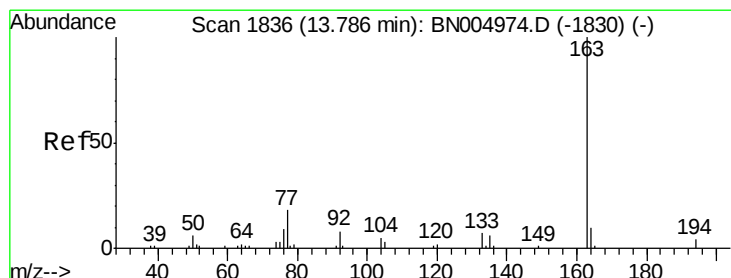
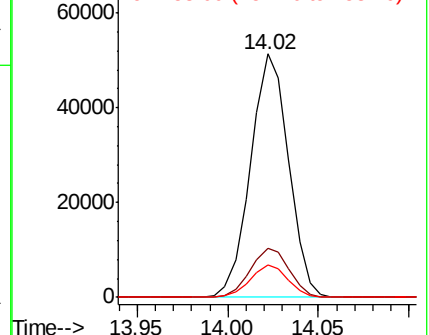
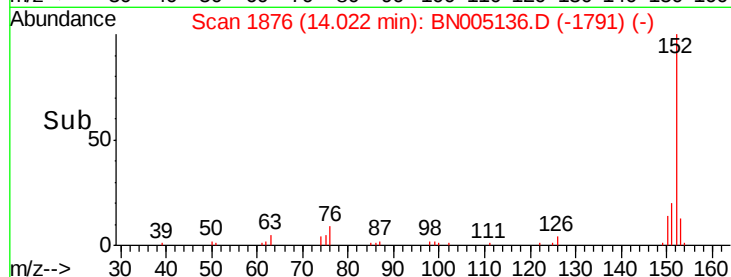
153 13.1 10.3 15.5



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: 42.315 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

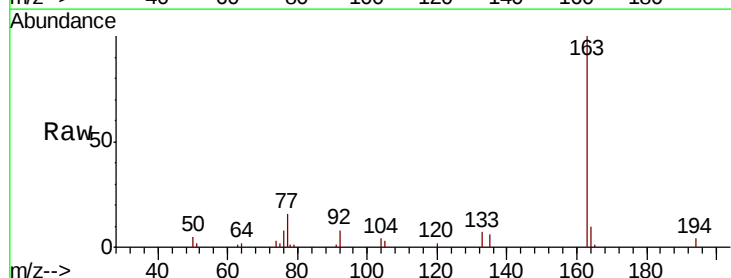
Tgt Ion:163 Resp: 58343

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

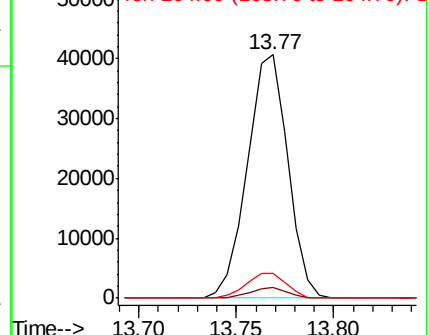
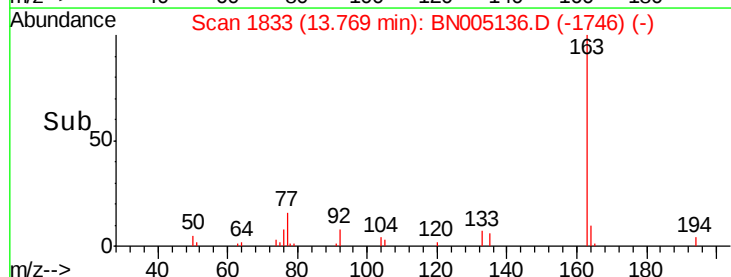
164 10.2 8.3 12.5



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

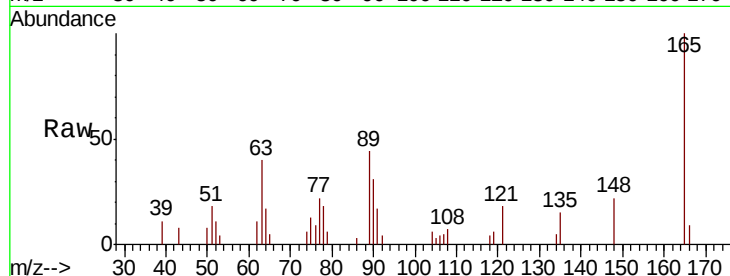




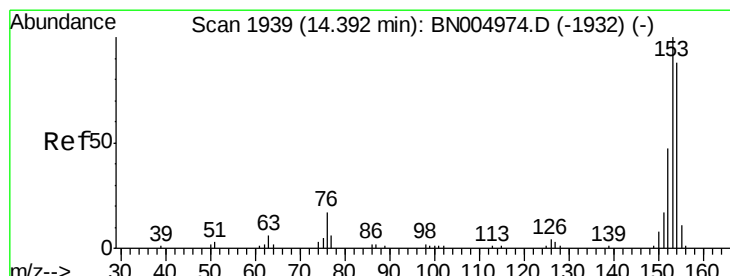
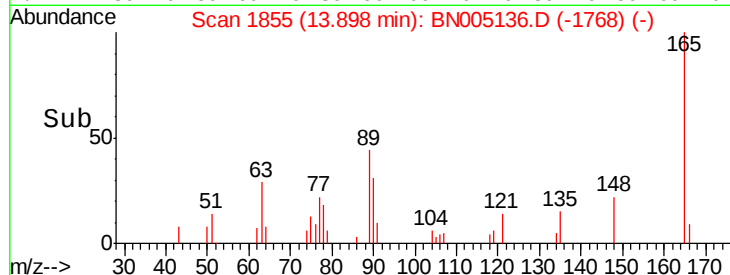
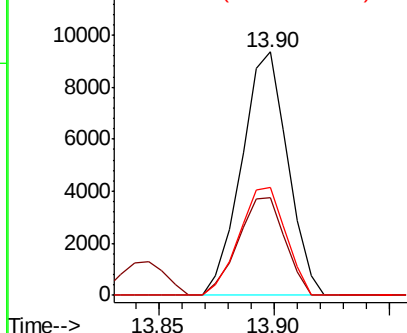
#51
 2,6-Dinitrotoluene
 Concen: 41.427 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:165 Resp: 12997
 Ion Ratio Lower Upper
 165 100
 63 40.1 37.3 55.9
 89 44.1 39.2 58.8

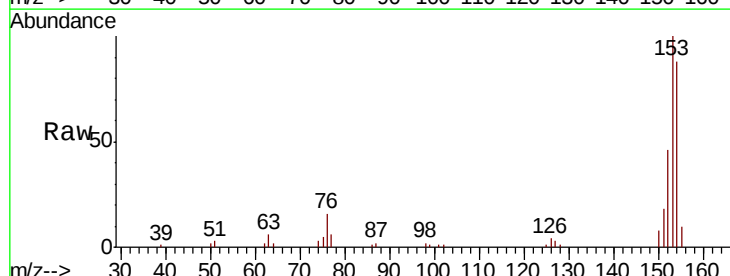


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

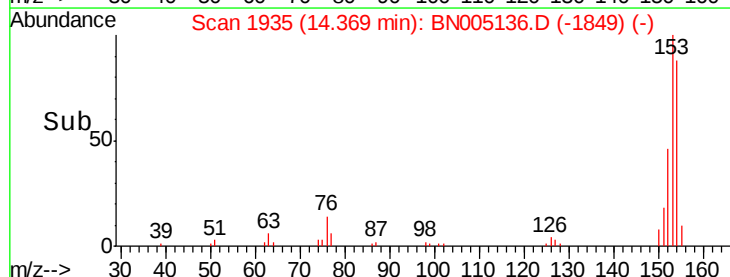
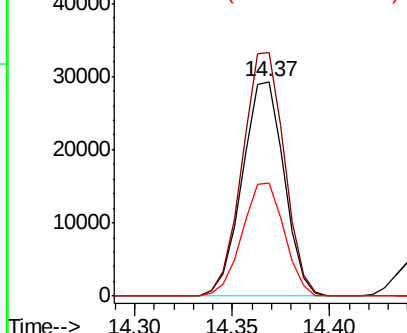


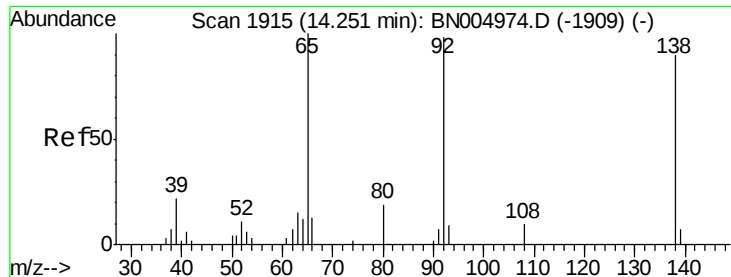
#52
 Acenaphthene
 Concen: 42.210 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:154 Resp: 43530
 Ion Ratio Lower Upper
 154 100
 153 113.6 91.0 136.4
 152 52.7 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

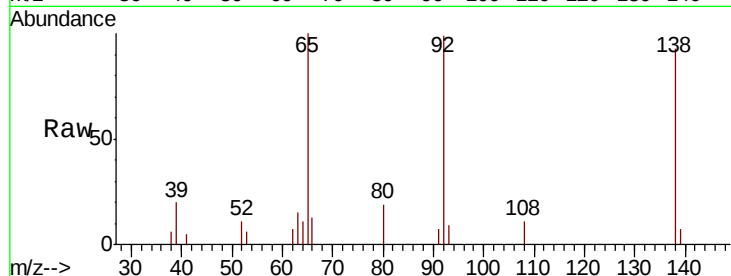




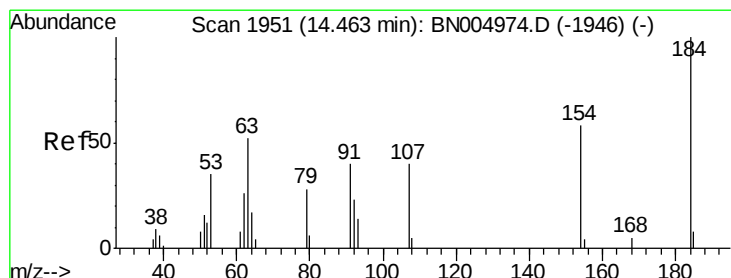
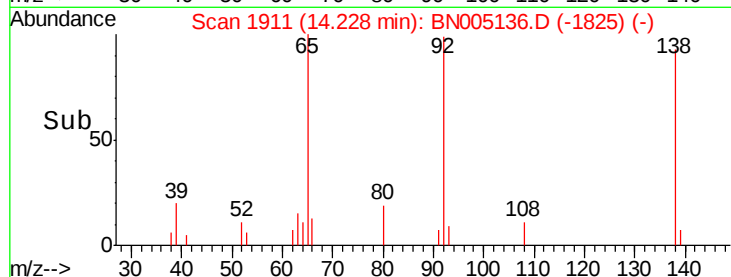
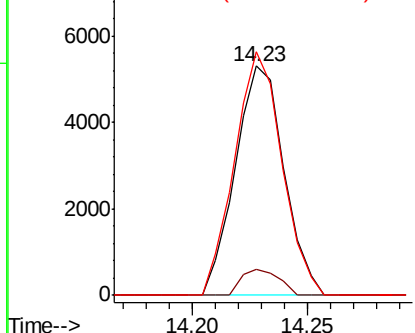
#53
 3-Nitroaniline
 Concen: 24.334 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:138 Resp: 7803
 Ion Ratio Lower Upper
 138 100
 108 11.3 8.6 12.8
 92 106.2 86.9 130.3

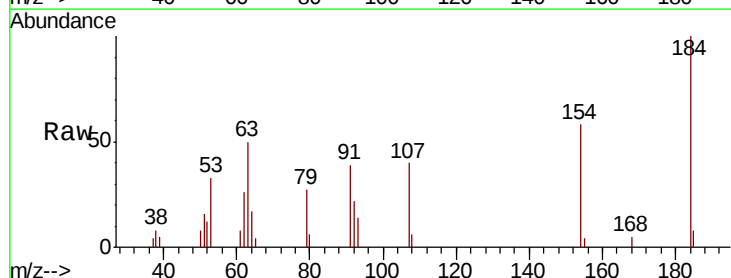


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNO

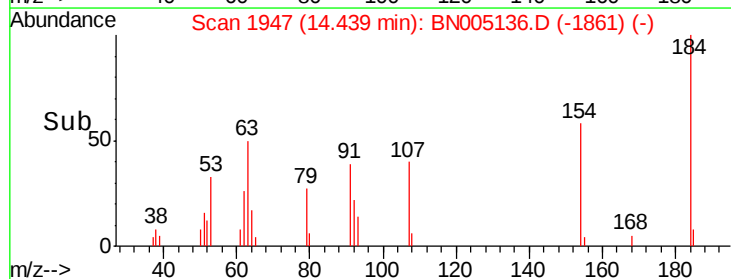
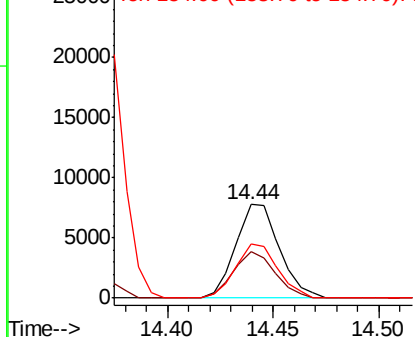


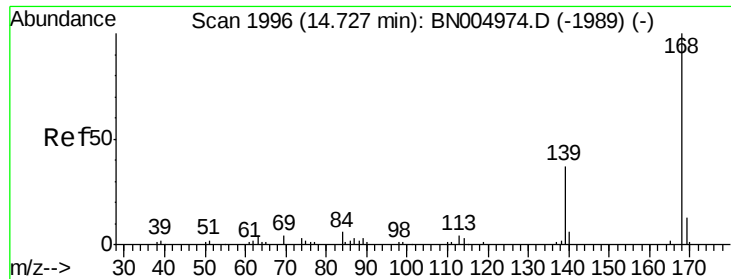
#54
 2,4-Dinitrophenol
 Concen: 61.767 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:184 Resp: 11220
 Ion Ratio Lower Upper
 184 100
 63 49.7 41.6 62.4
 154 58.4 46.8 70.2



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

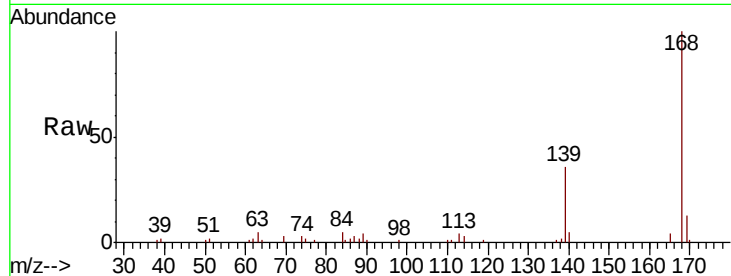




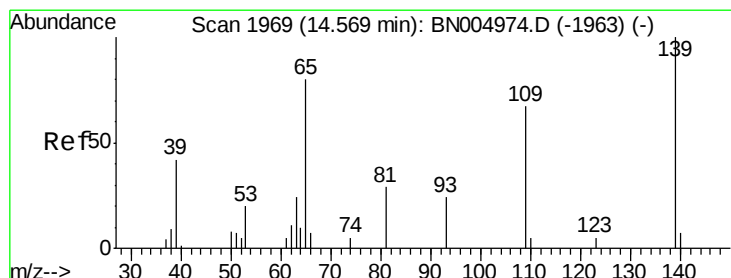
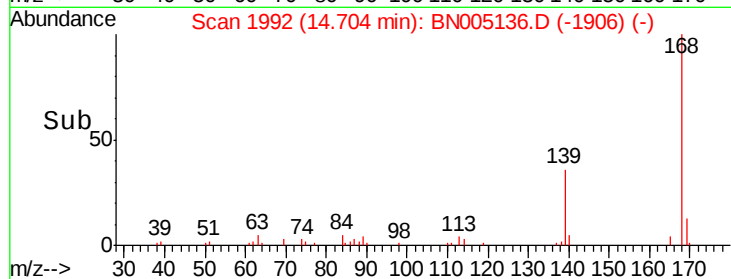
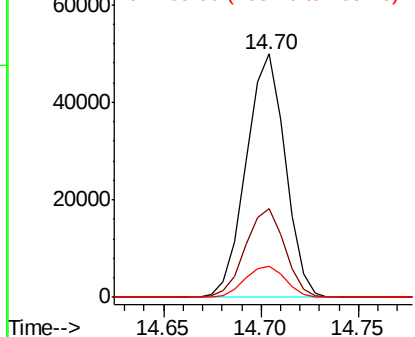
#55
Dibenzenofuran
Concen: 42.267 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:168 Resp: 69359
Ion Ratio Lower Upper
168 100
139 36.5 29.9 44.9
169 13.0 10.6 15.8

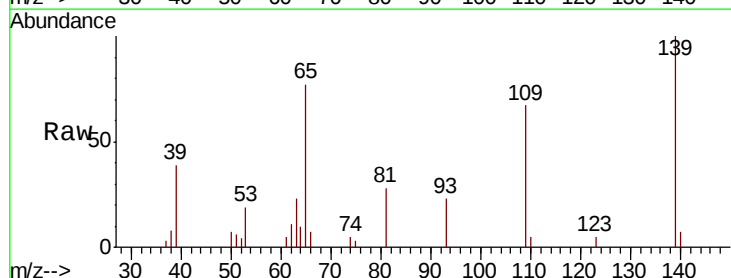


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

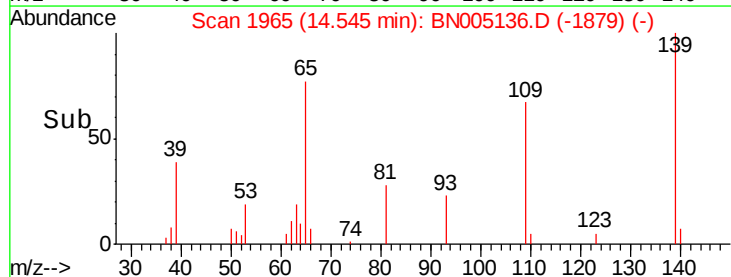
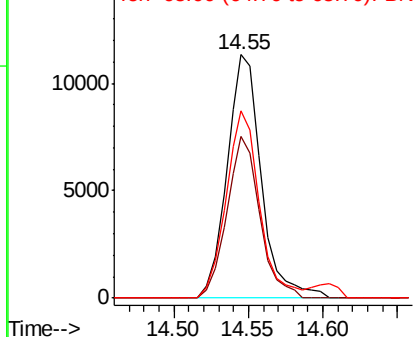


#56
4-Nitrophenol
Concen: 71.980 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:139 Resp: 18183
Ion Ratio Lower Upper
139 100
109 66.5 46.5 86.5
65 76.7 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): BNO

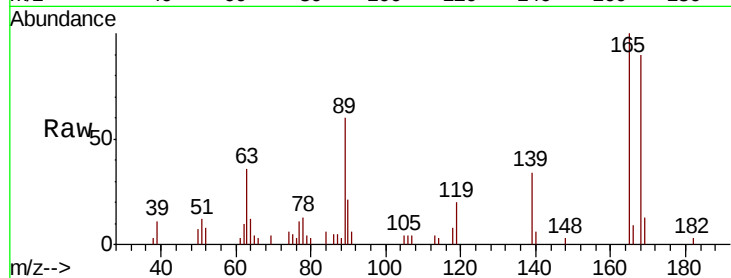




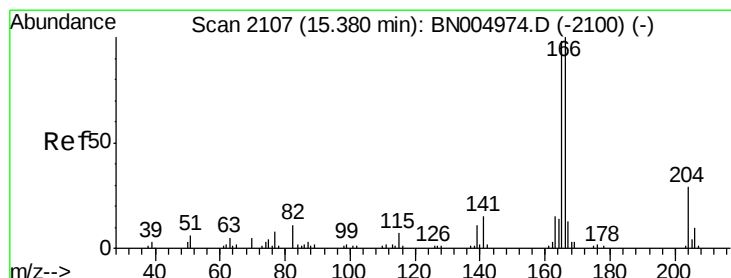
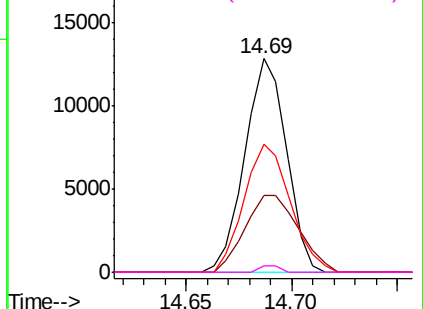
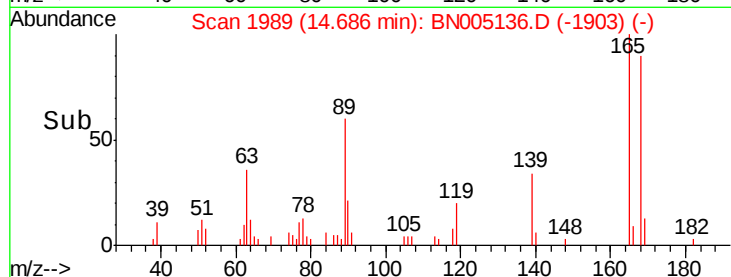
#57
2,4-Dinitrotoluene
Concen: 41.091 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:165 Resp: 17520
Ion Ratio Lower Upper
165 100
63 36.1 30.4 45.6
89 60.0 50.7 76.1
182 3.1 2.5 3.7

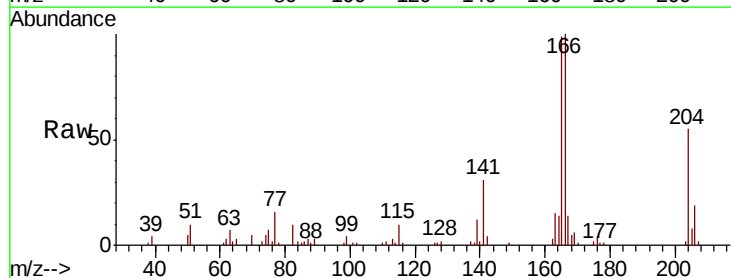


Abundance Ion 165.00 (164.70 to 165.70): E
20000
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

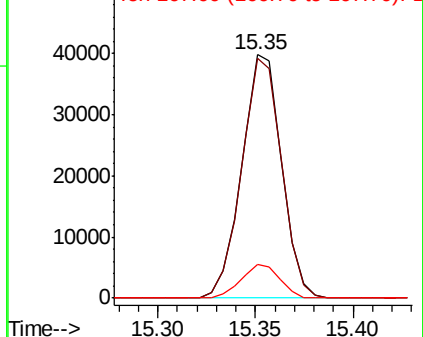
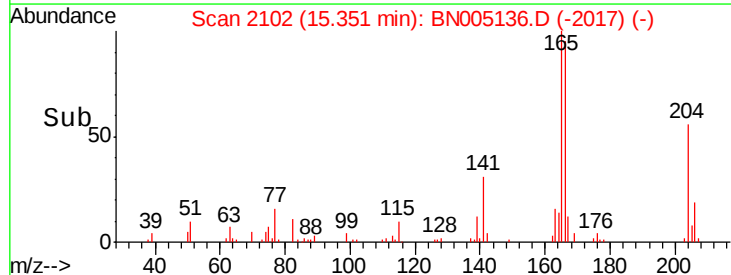


#58
Fluorene
Concen: 42.270 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:166 Resp: 56034
Ion Ratio Lower Upper
166 100
165 98.6 78.3 117.5
167 13.8 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
50000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

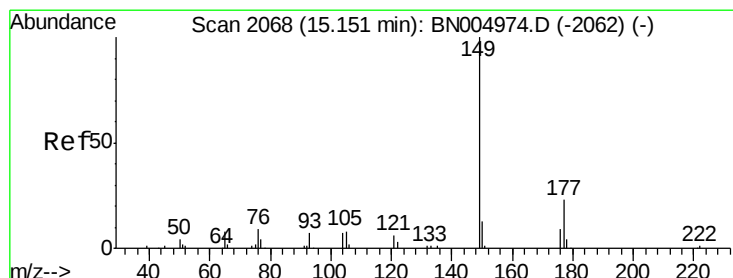
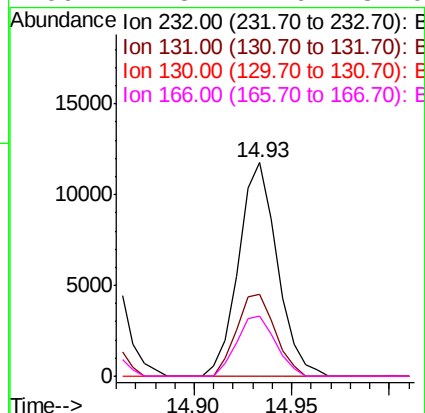
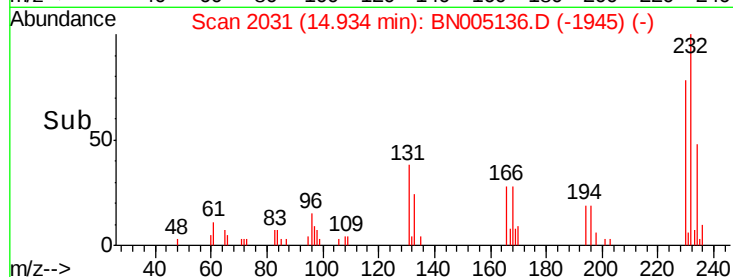
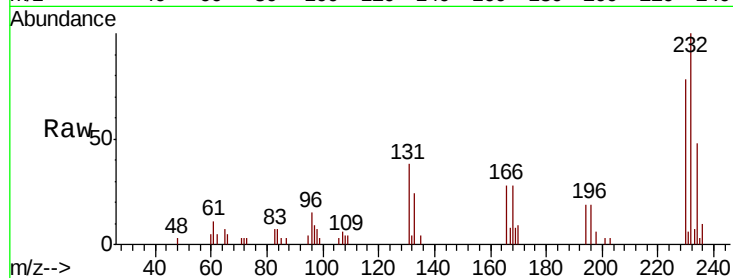




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.495 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

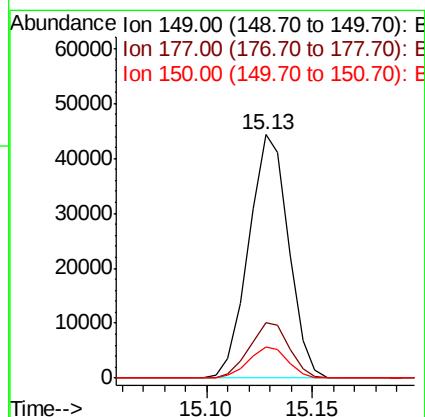
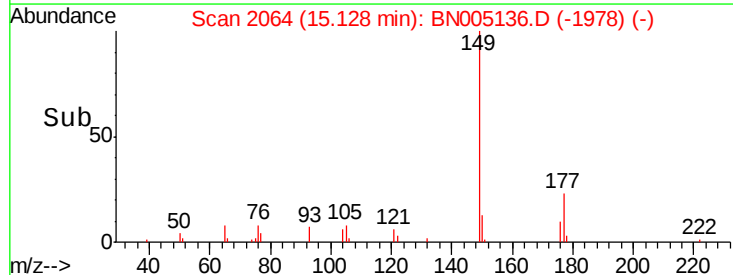
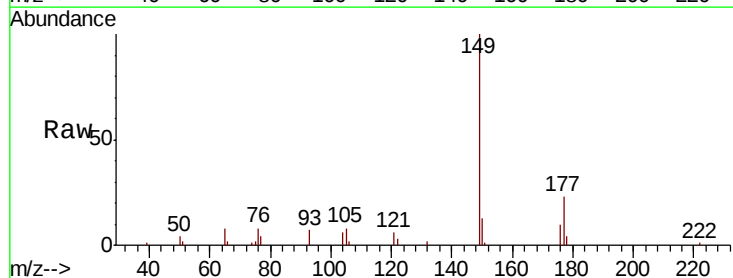
Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

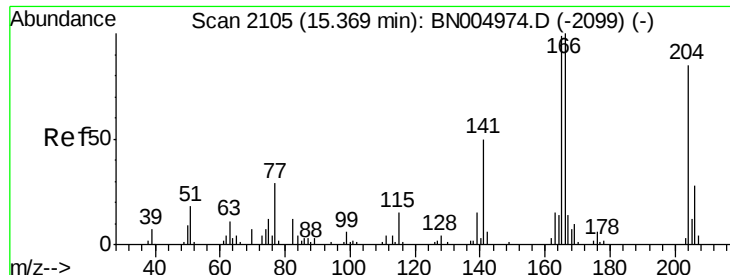
Tot Ion:232	Resp:	16227
Ion Ratio	Lower	Upper
232	100	
131	38.1	32.4 48.6
130	0.0	0.9 1.3#
166	27.8	22.6 34.0



#60
 Diethylphthalate
 Concen: 42.150 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:149	Resp:	57992
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.1 27.1
150	13.0	10.1 15.1

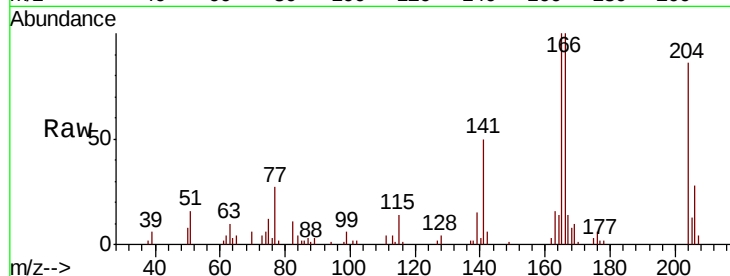




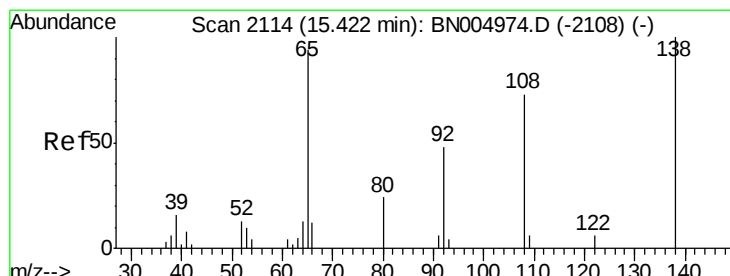
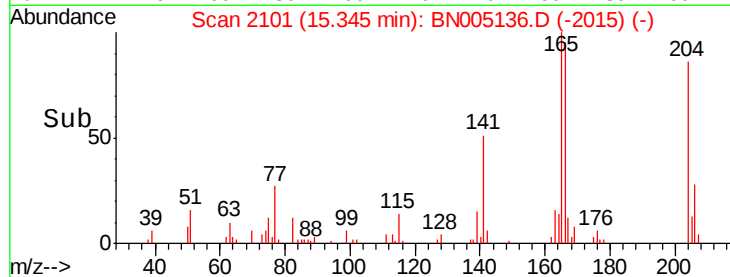
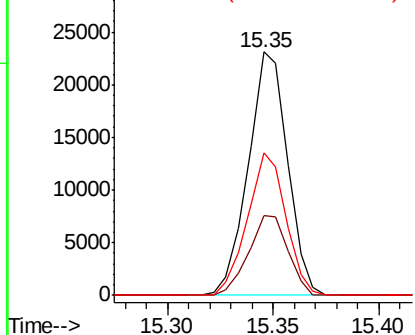
#61
 4-Chlorophenyl-phenylether
 Concen: 43.794 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:204 Resp: 29949
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 58.6 47.2 70.8

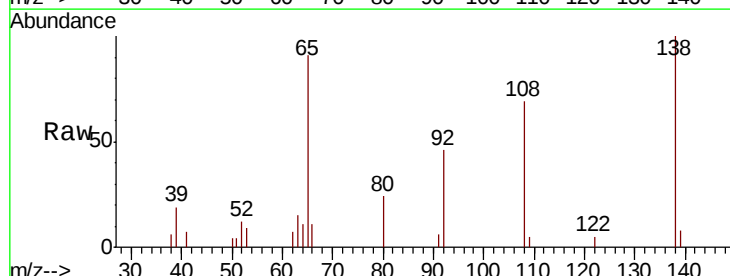


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

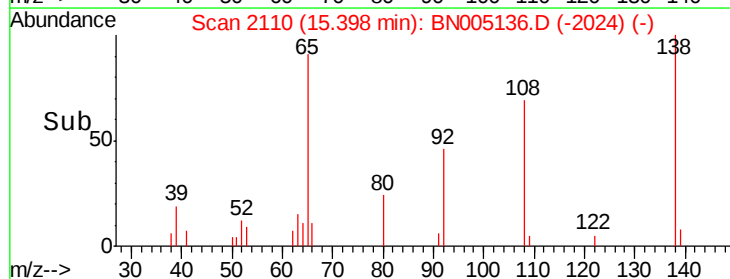
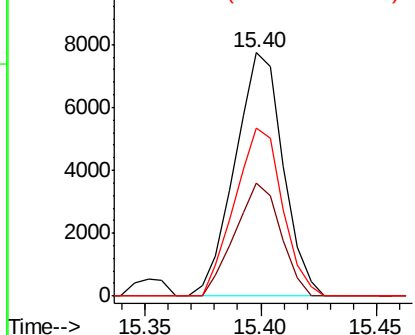


#62
 4-Nitroaniline
 Concen: 34.971 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:138 Resp: 11267
 Ion Ratio Lower Upper
 138 100
 92 46.2 26.4 66.4
 108 69.1 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

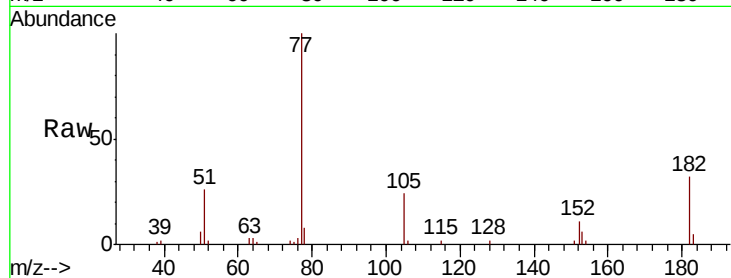




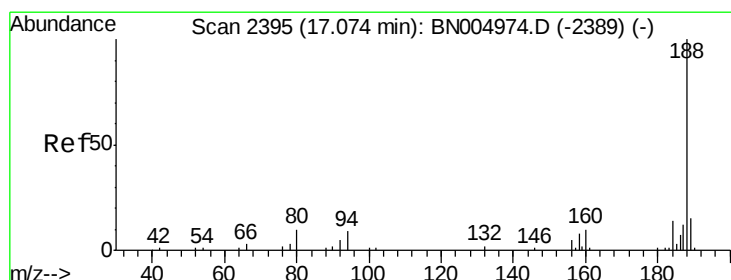
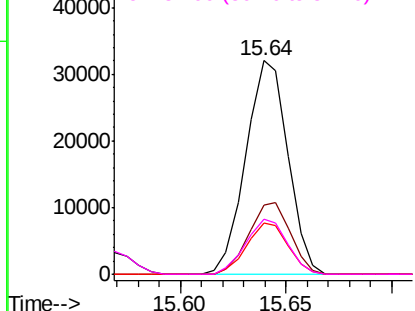
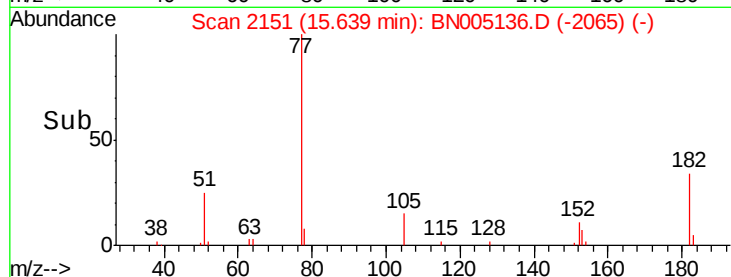
#63
Azobenzene
Concen: 38.702 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion: 77 Resp: 44325
Ion Ratio Lower Upper
77 100
182 32.2 10.0 50.0
105 24.0 2.9 42.9
51 25.6 6.0 46.0

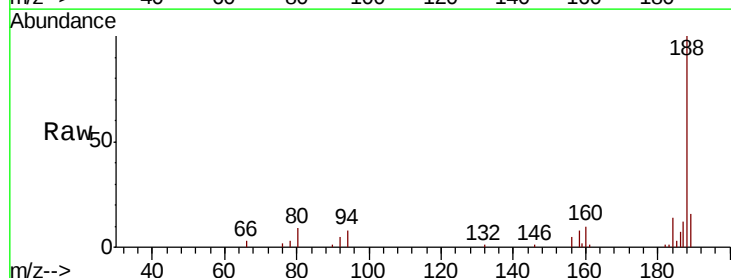


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

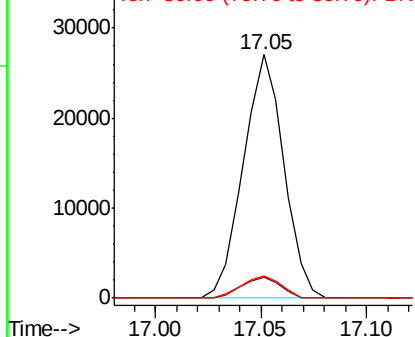
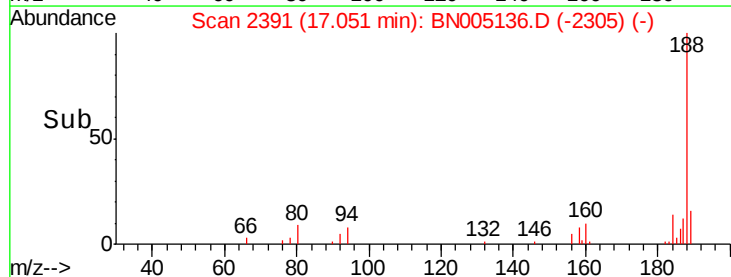


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion: 188 Resp: 35983
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.1 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

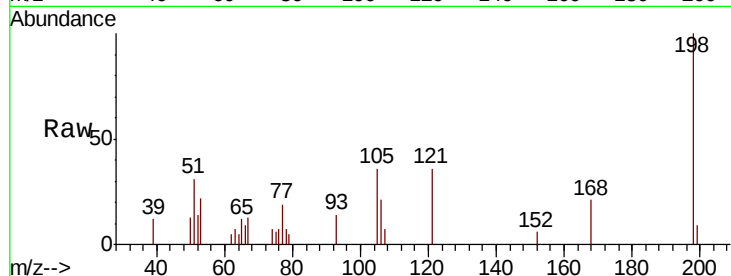




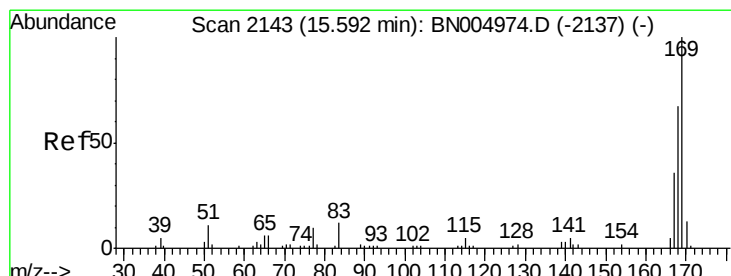
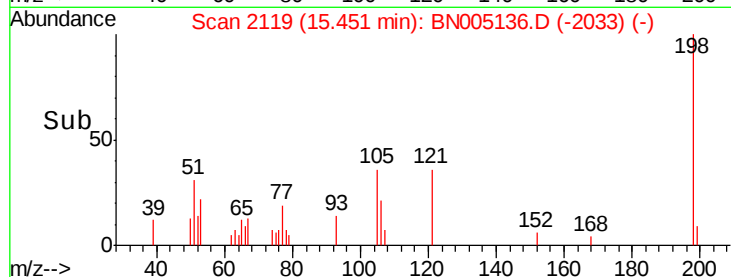
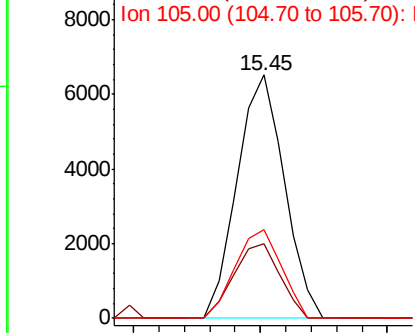
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.889 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:198 Resp: 8475
 Ion Ratio Lower Upper
 198 100
 51 30.6 12.0 52.0
 105 36.3 17.6 57.6

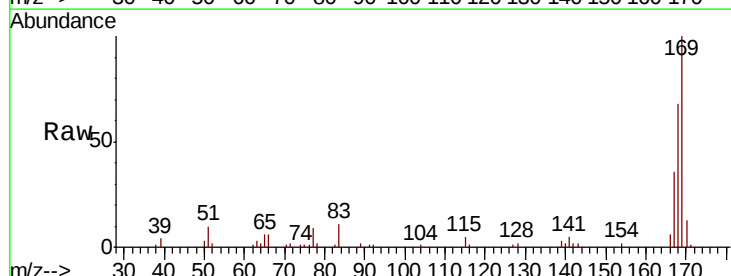


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

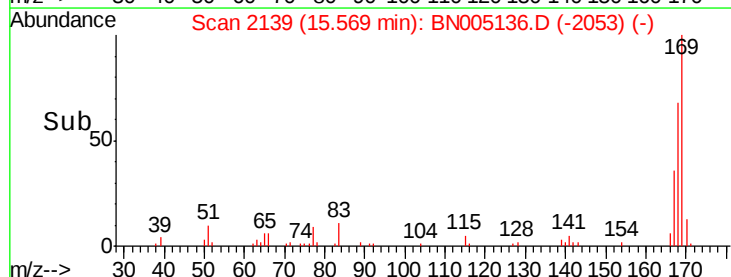
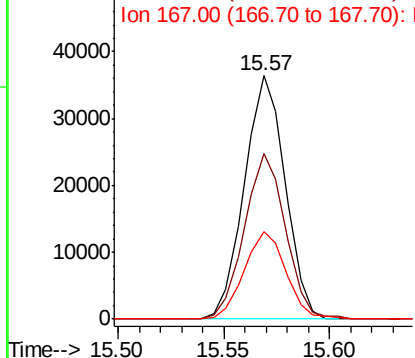


#66
 n-Nitrosodiphenylamine
 Concen: 43.210 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:169 Resp: 48976
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.4 80.2
 167 36.1 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

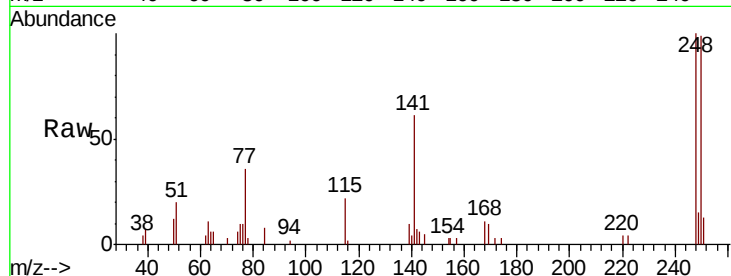




#67
 4-Bromophenyl-phenylether
 Concen: 43.188 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.4	119.2
141	61.0	52.3	78.5

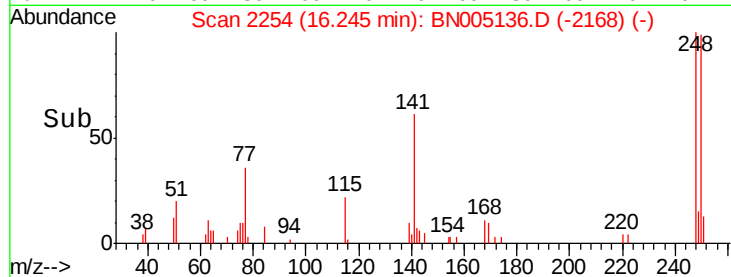
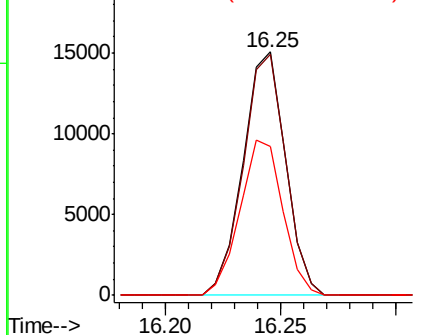


Abundance

Ion 248.00 (247.70 to 248.70): E

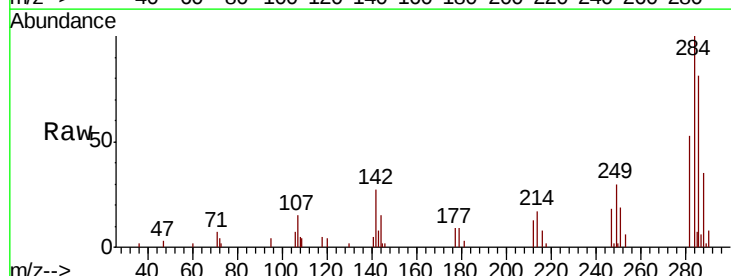
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.577 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	23.5	35.3
249	29.8	24.5	36.7

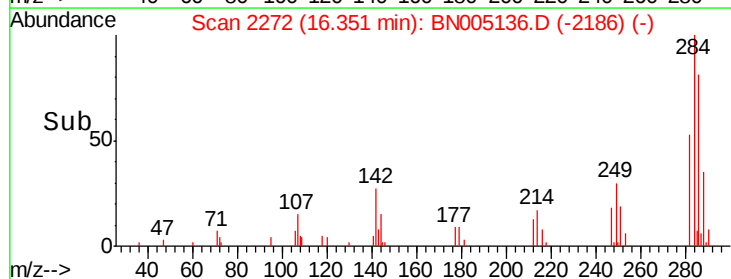
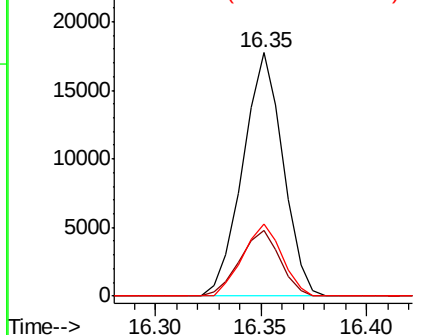


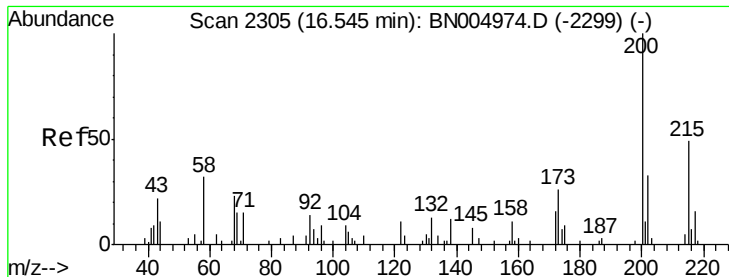
Abundance

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

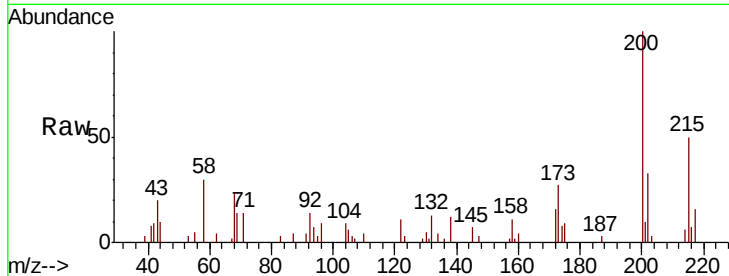




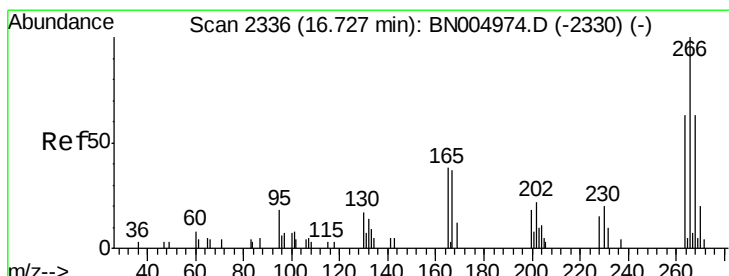
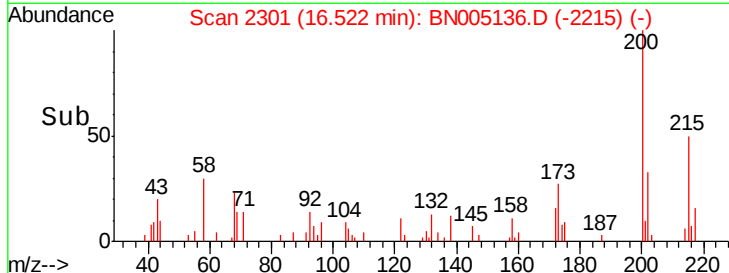
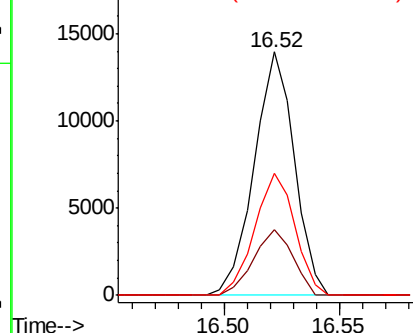
#69
 Atrazine
 Concen: 41.727 ng
 RT: 16.52 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.4	46.4
215	49.9	28.8	68.8

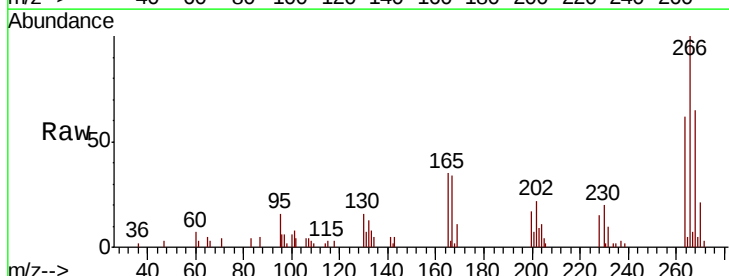


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

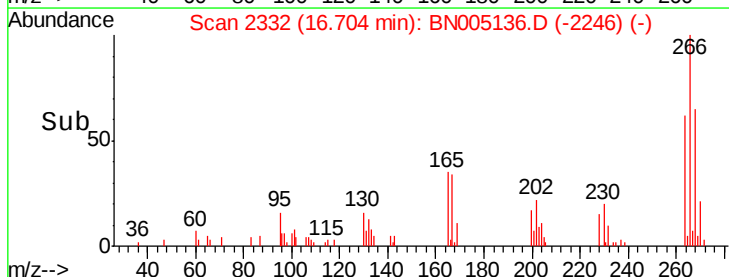
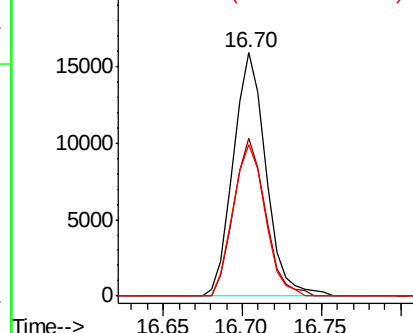


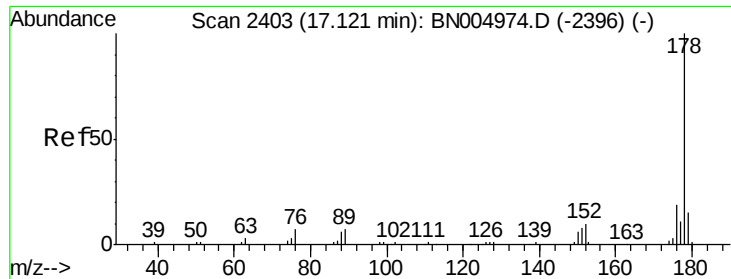
#70
 Pentachlorophenol
 Concen: 82.506 ng
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	50.8	76.2
264	62.5	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

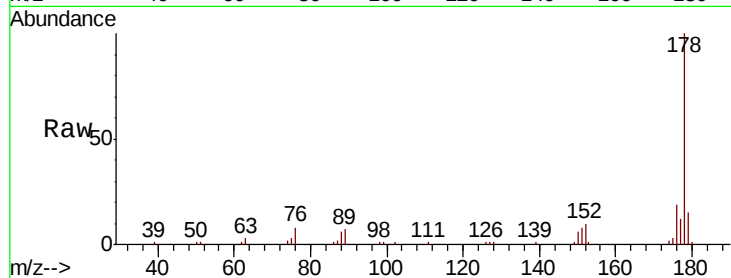




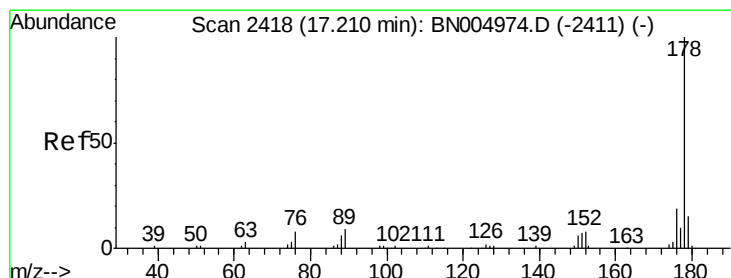
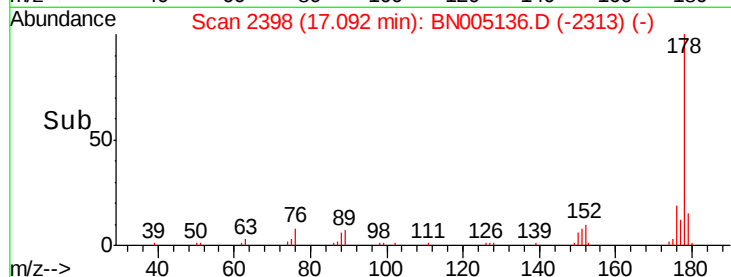
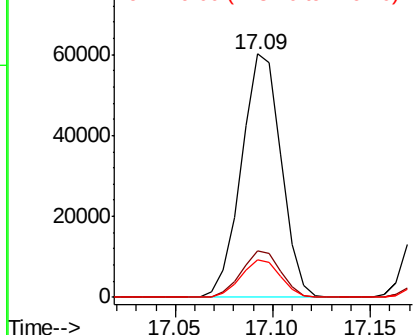
#71
Phenanthrene
Concen: 42.013 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:178 Resp: 84944
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.3 18.5

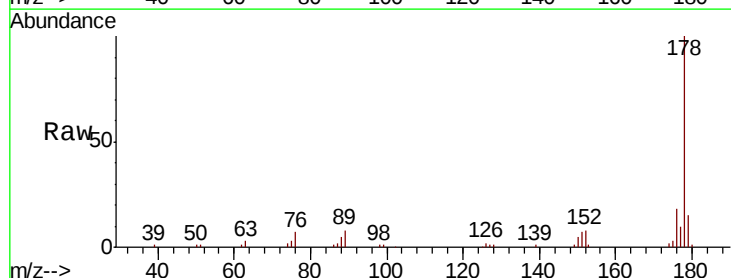


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

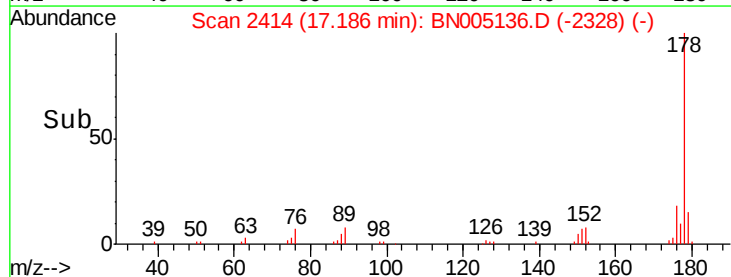
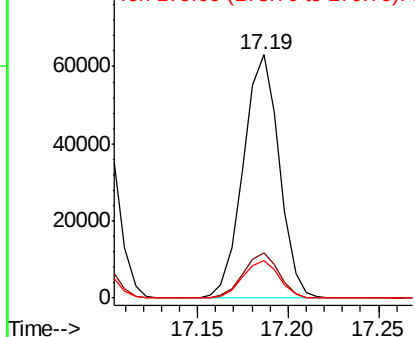


#72
Anthracene
Concen: 43.283 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:178 Resp: 87105
Ion Ratio Lower Upper
178 100
176 18.4 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

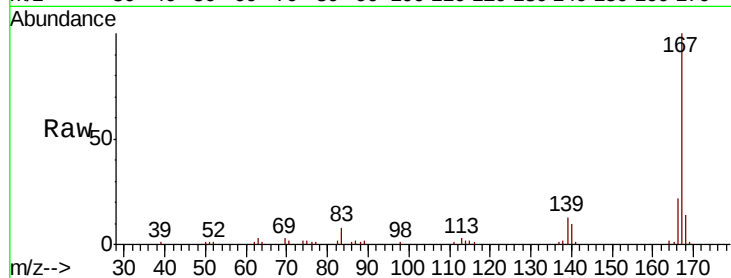




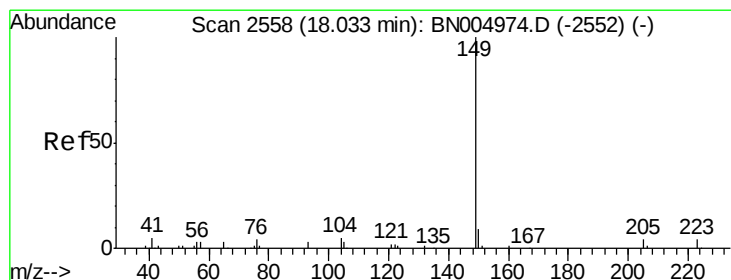
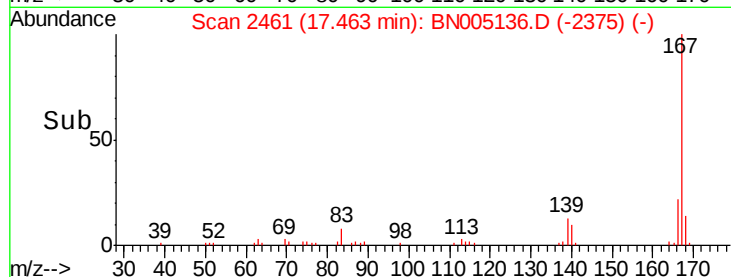
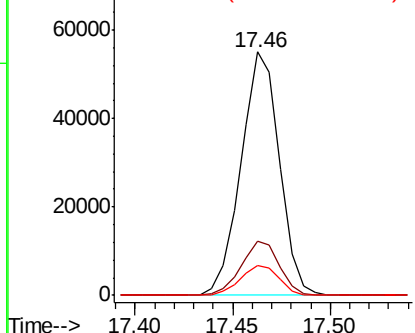
#73
 Carbazole
 Concen: 40.835 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion:167 Resp: 74801
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 12.5 10.6 16.0

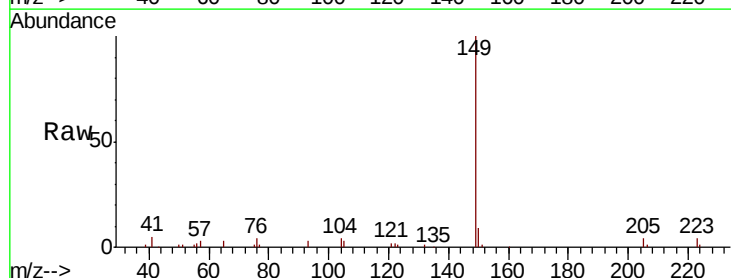


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

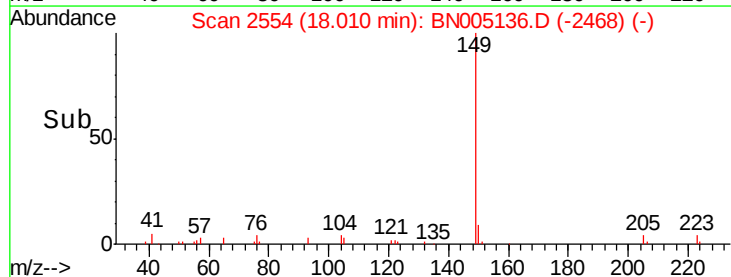
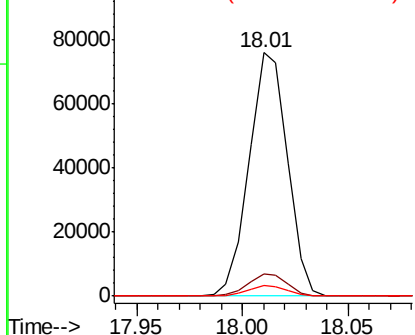


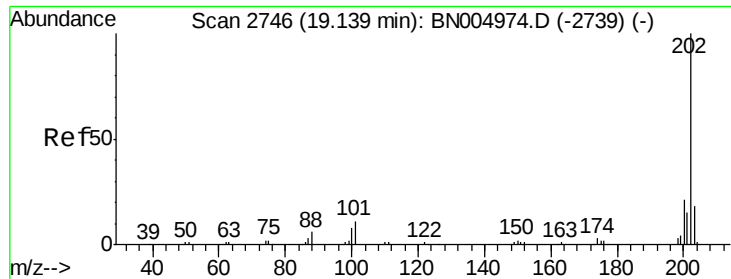
#74
 Di-n-butylphthalate
 Concen: 42.910 ng
 RT: 18.01 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion:149 Resp: 95750
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

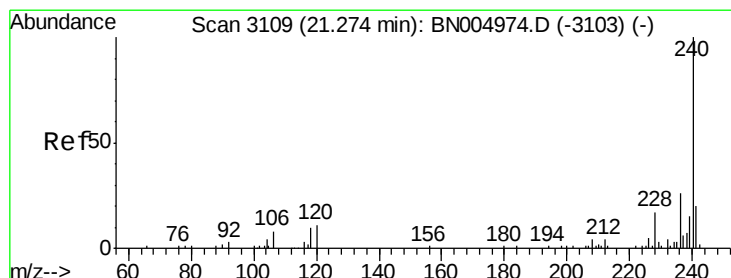
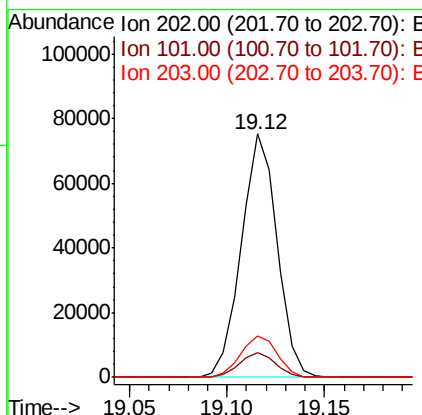
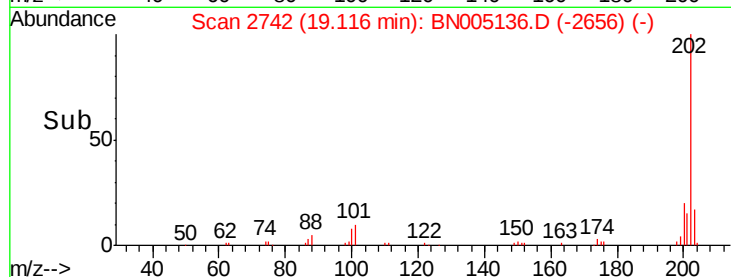
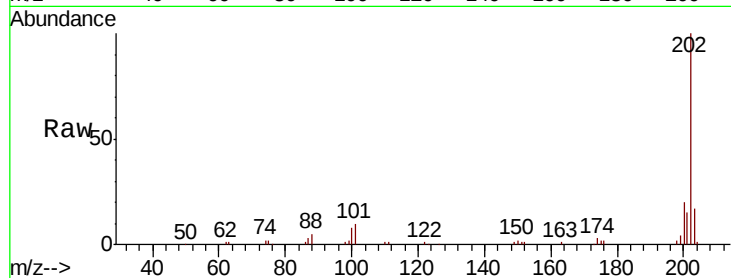




#75
 Fluoranthene
 Concen: 41.367 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

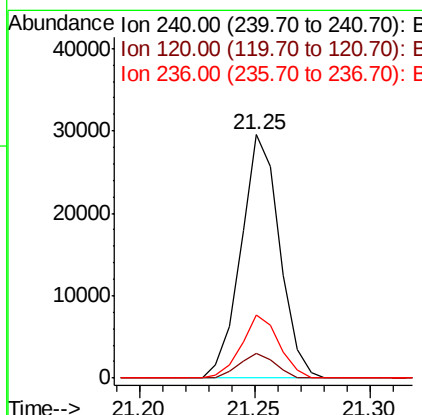
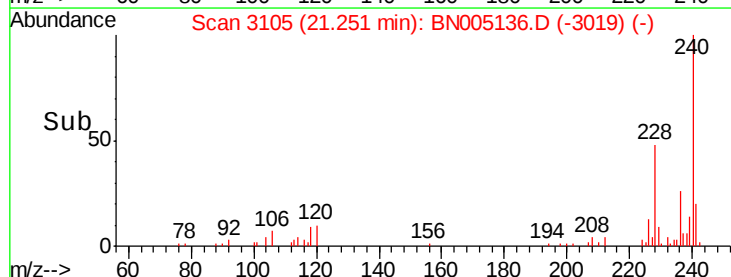
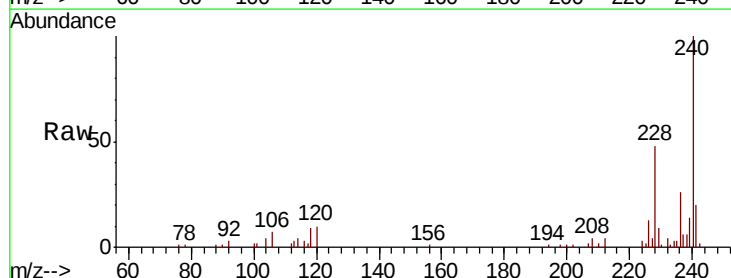
Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	16.8	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.02 min
 Lab File: BN005136.D
 Acq: 10 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	25.9	21.2	31.8





#77

Benzidine

Concen: 36.046 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

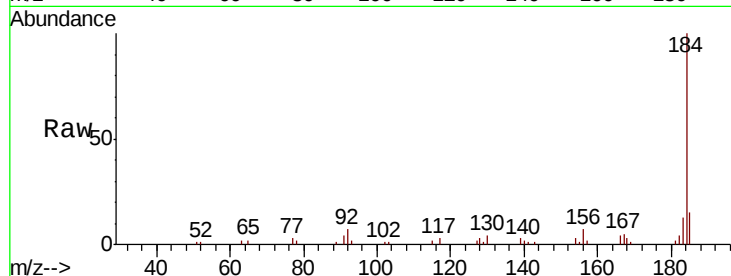
Tot Ion:184 Resp: 38691

Ion Ratio Lower Upper

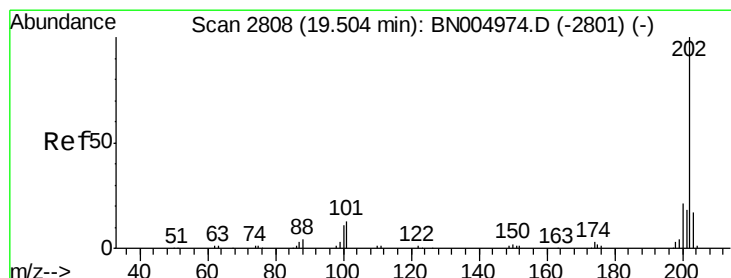
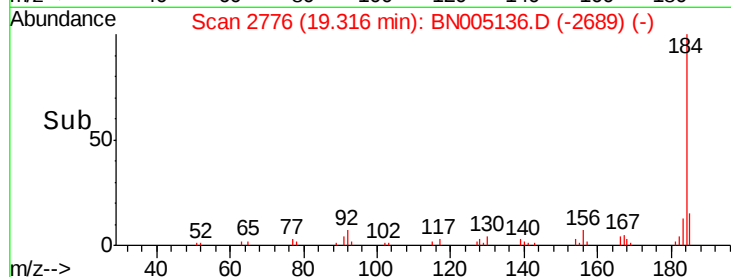
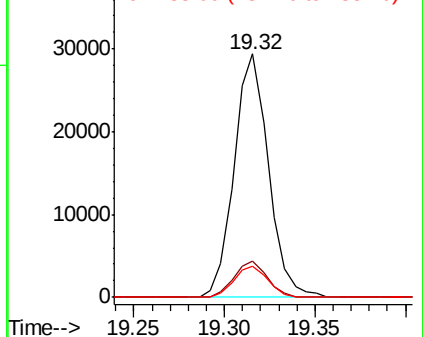
184 100

185 14.9 11.8 17.8

183 12.9 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: 41.352 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

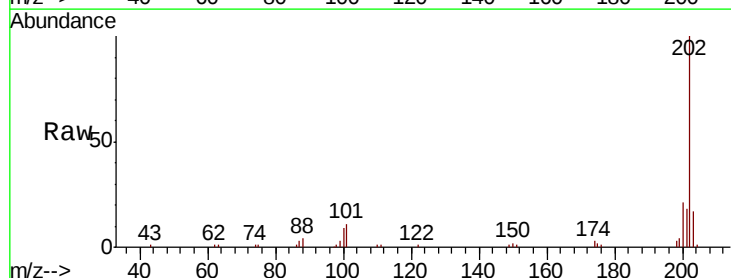
Tgt Ion:202 Resp: 95101

Ion Ratio Lower Upper

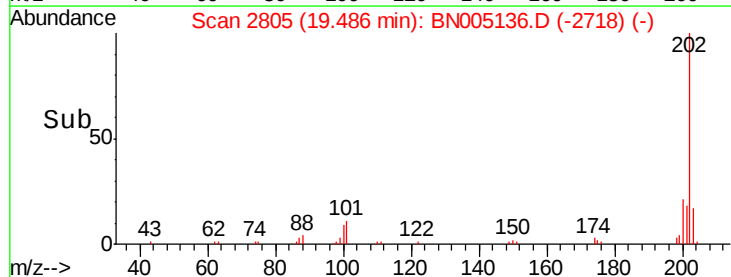
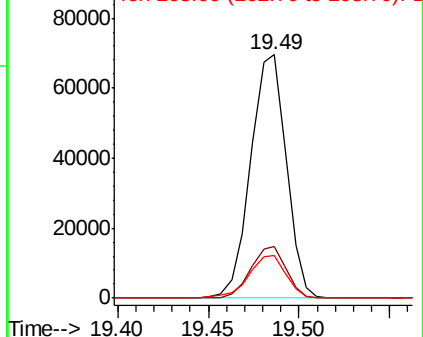
202 100

200 21.0 17.0 25.4

203 17.5 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: 82.131 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

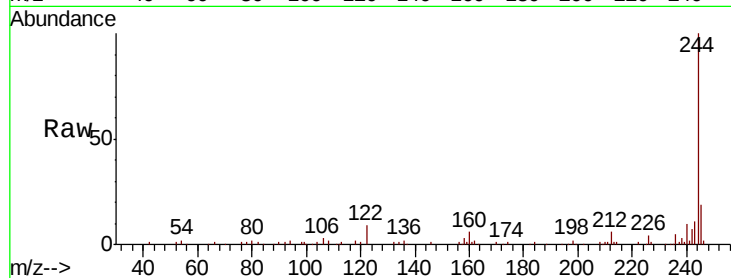
Tot Ion:244 Resp: 146929

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

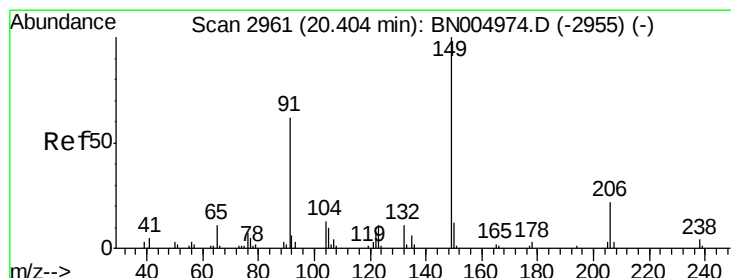
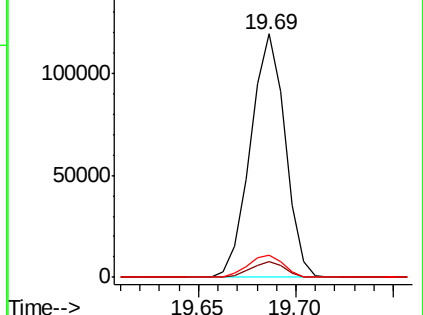
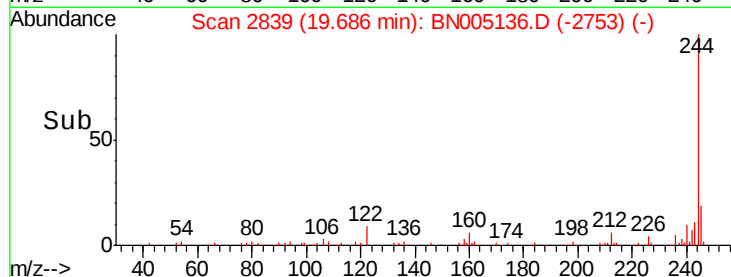
122 9.1 7.4 11.2



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: 43.880 ng

RT: 20.38 min Scan# 2957

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

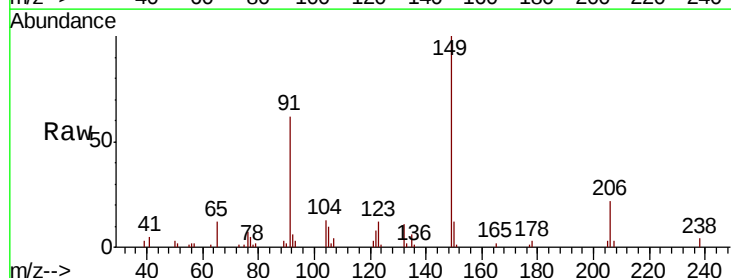
Tgt Ion:149 Resp: 41004

Ion Ratio Lower Upper

149 100

91 62.1 49.3 73.9

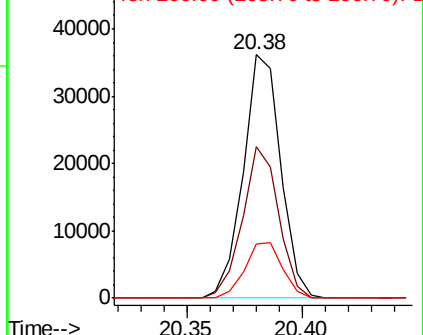
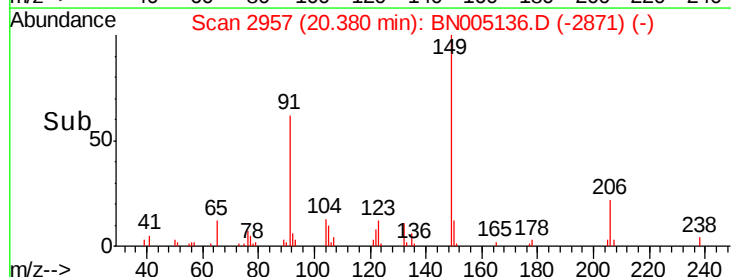
206 22.5 17.9 26.9

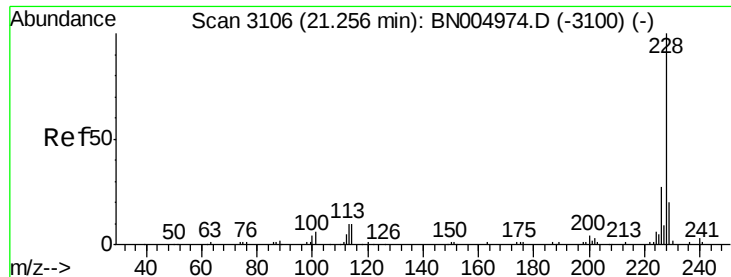


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

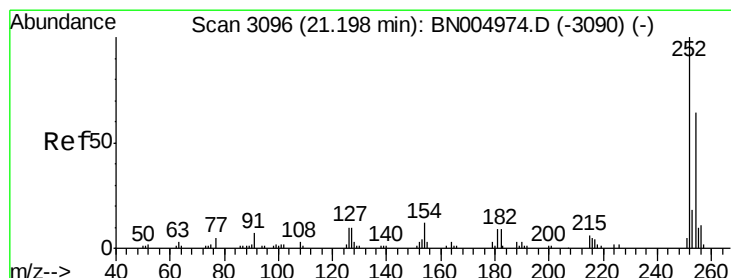
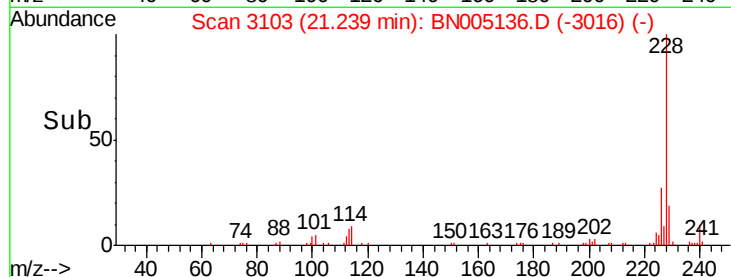
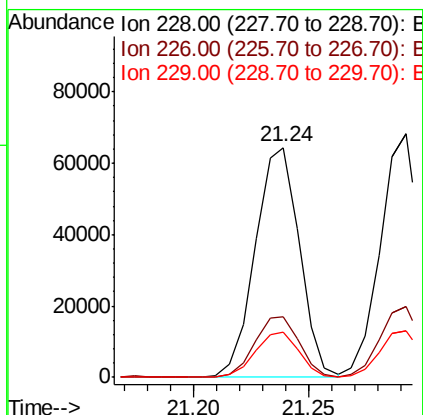
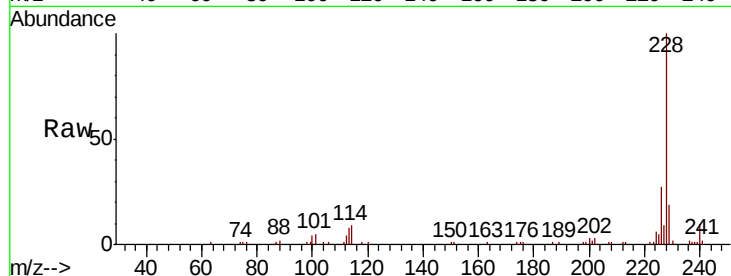




#81
Benzo(a)anthracene
Concen: 39.974 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

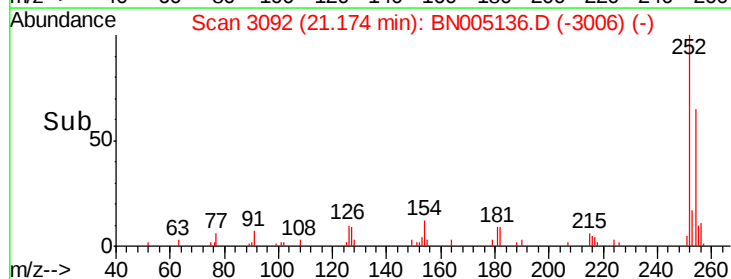
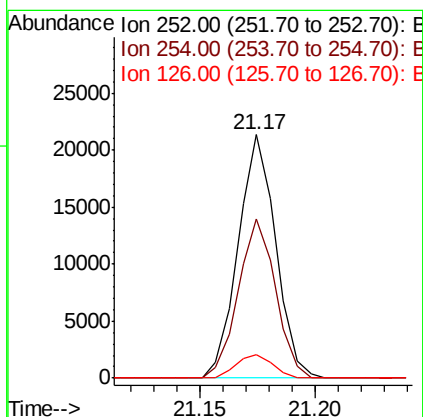
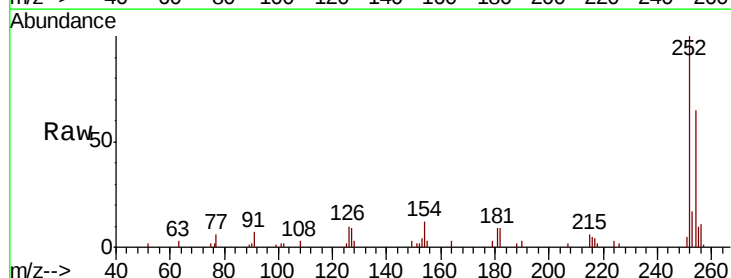
Instrument :
BNA_N
ClientSampleId :
PB118783BS

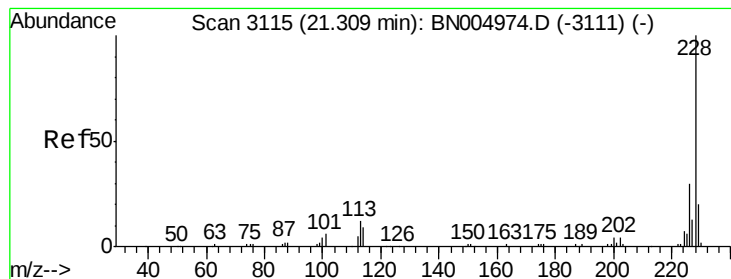
Tot Ion:228 Resp: 85759
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.6
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 30.144 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:252 Resp: 24183
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 9.7 7.9 11.9





#83

Chrysene

Concen: 40.749 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

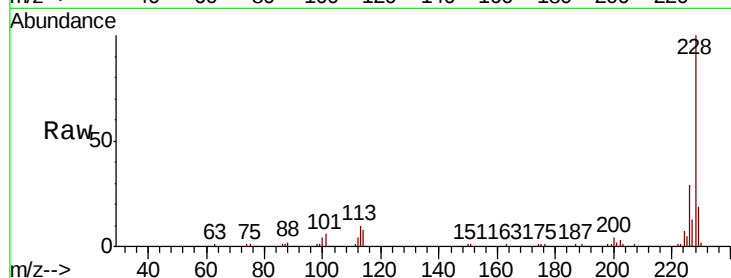
Tot Ion:228 Resp: 83503

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

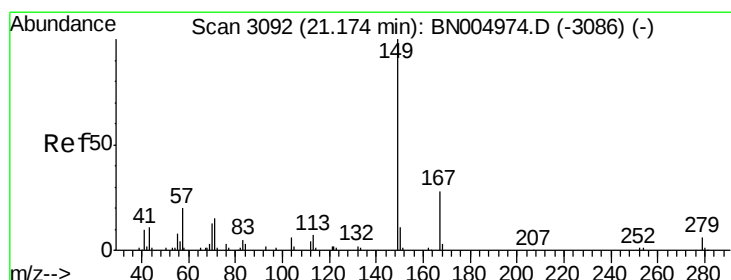
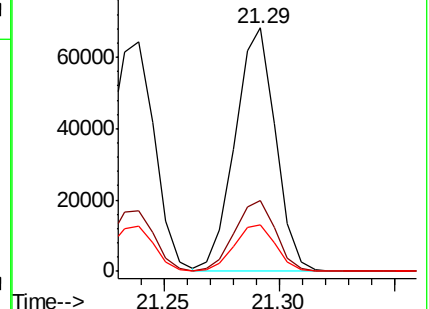
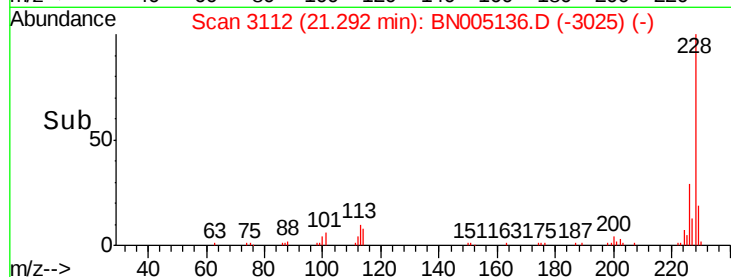
229 19.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.880 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

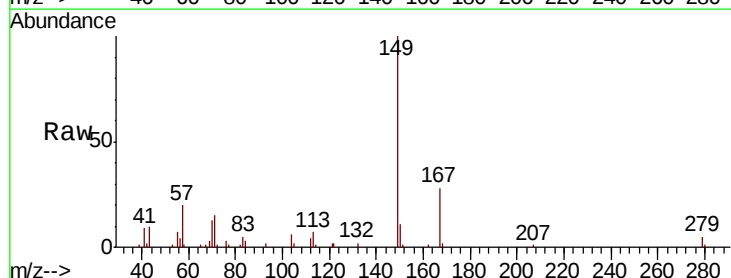
Tgt Ion:149 Resp: 59320

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

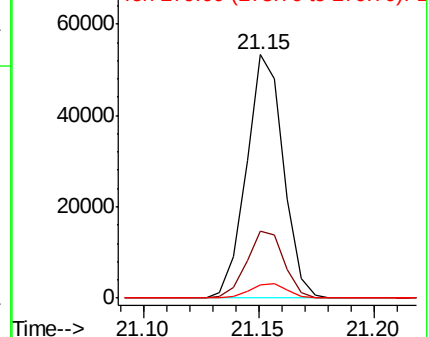
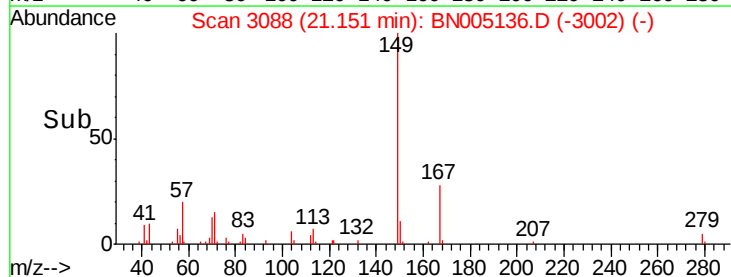
279 5.3 4.5 6.7

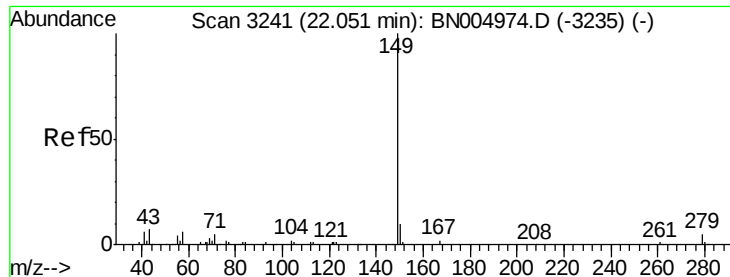


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.864 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

BNA_N

ClientSampleId :

PB118783BS

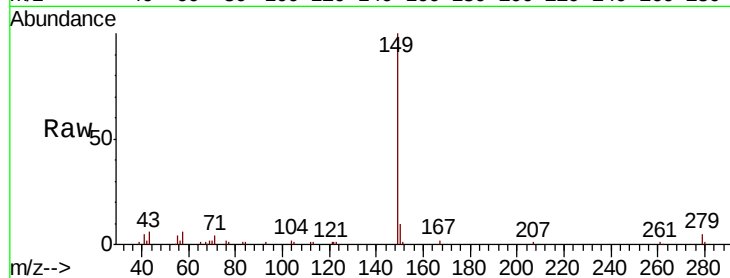
Tot Ion:149 Resp: 95698

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

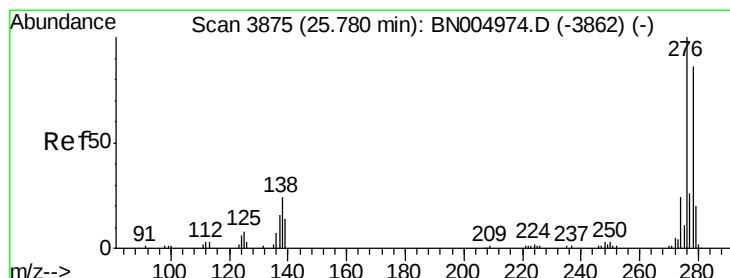
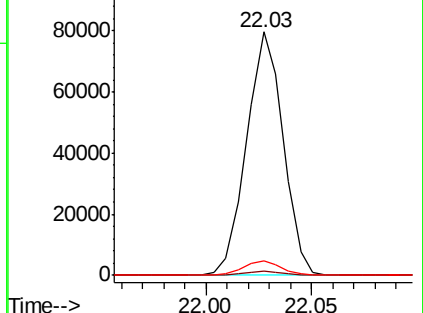
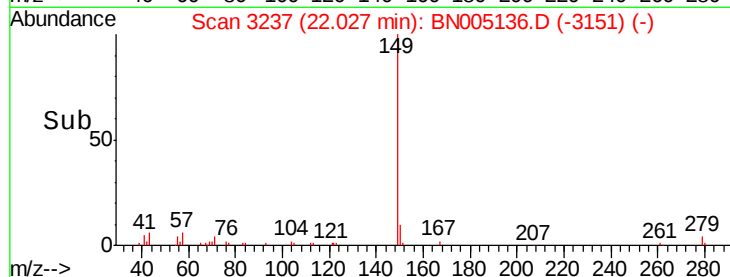
43 6.2 5.8 8.6



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): BNO



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.918 ng

RT: 25.73 min Scan# 3867

Delta R.T. -0.05 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

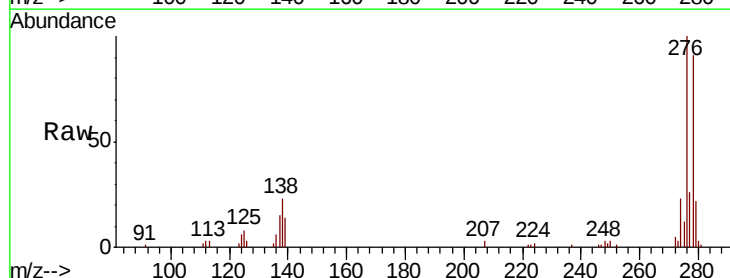
Tgt Ion:276 Resp: 95259

Ion Ratio Lower Upper

276 100

138 22.4 18.5 27.7

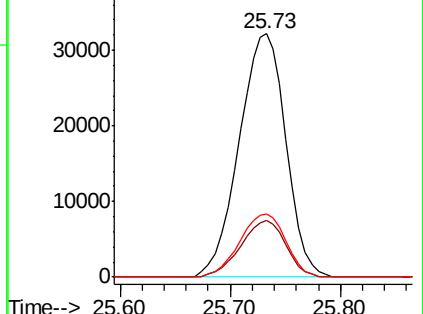
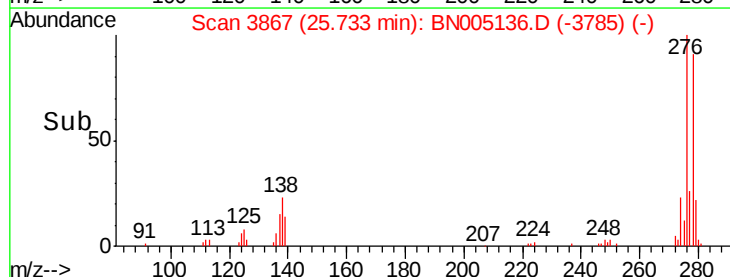
277 25.6 20.4 30.6

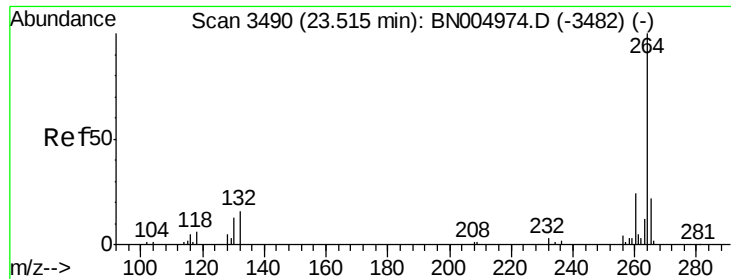


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



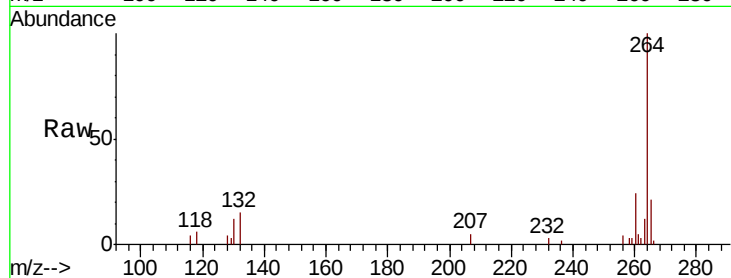


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.04 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

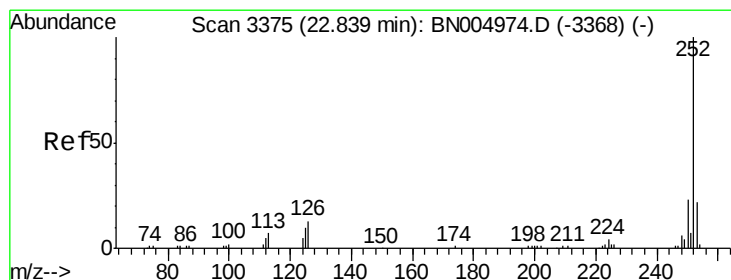
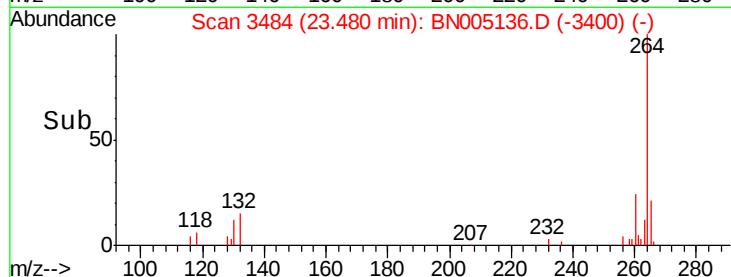
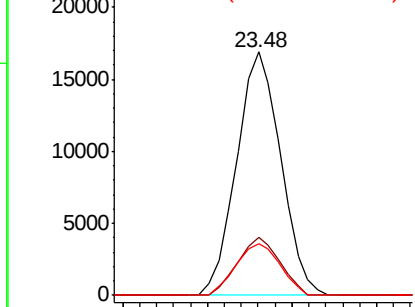
Instrument :
BNA_N
ClientSampleId :
PB118783BS

Tot Ion:264 Resp: 30776

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.3	17.2	25.8



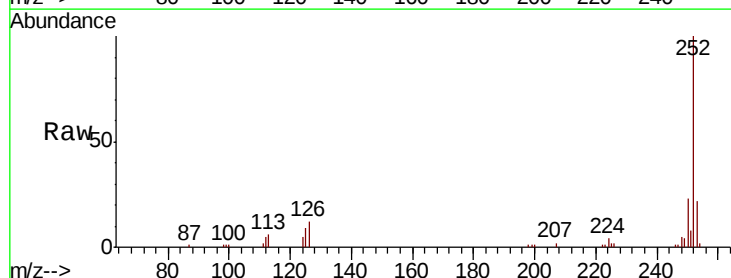
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



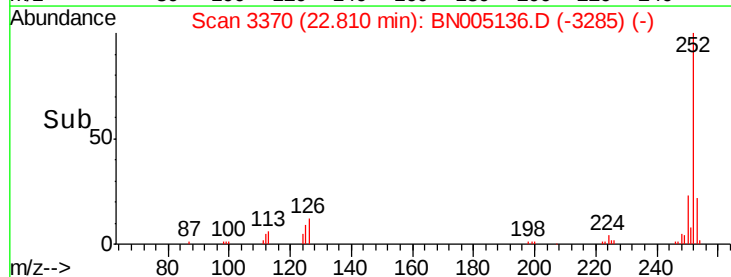
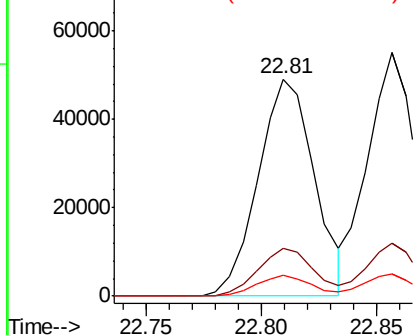
#88
Benzo(b)fluoranthene
Concen: 43.866 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

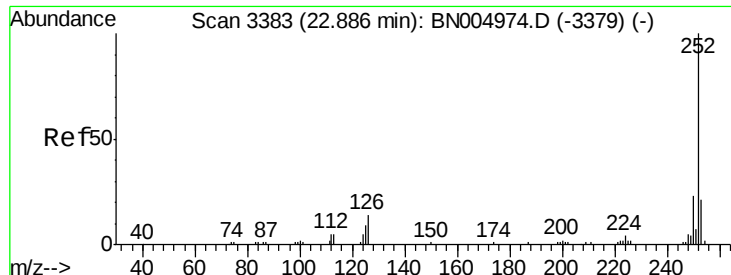
Tgt Ion:252 Resp: 83097

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.4	8.1	12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

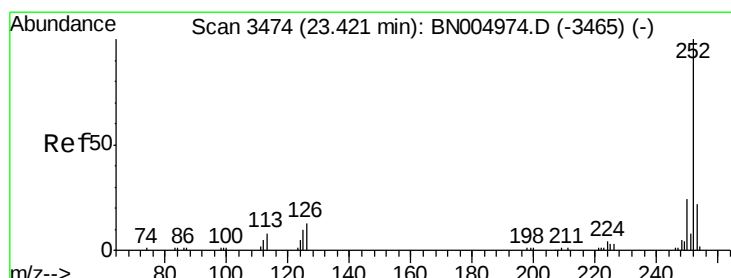
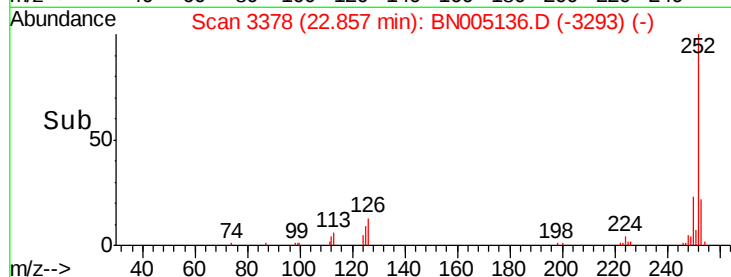
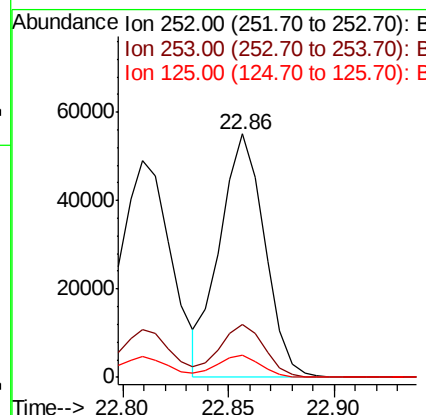
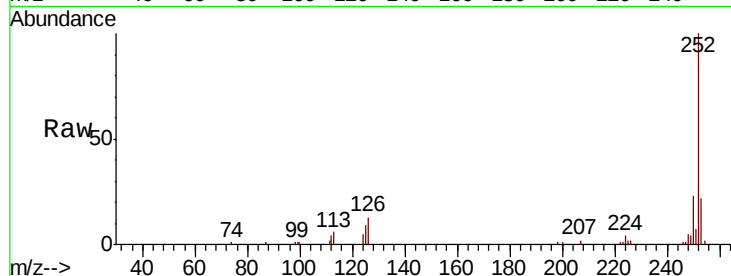




#89
Benzo(k)fluoranthene
Concen: 46.570 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

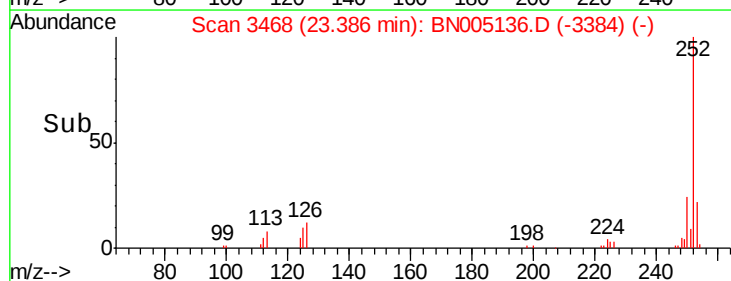
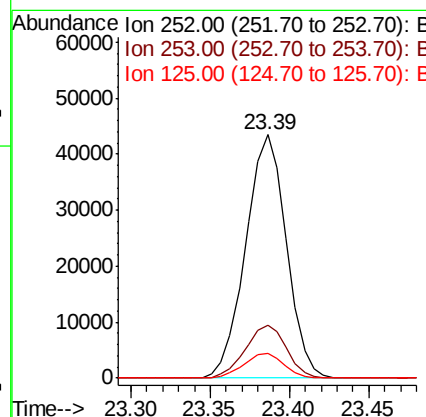
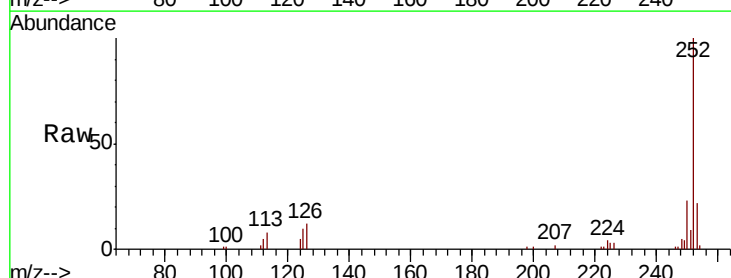
Instrument :
BNA_N
ClientSampleId :
PB118783BS

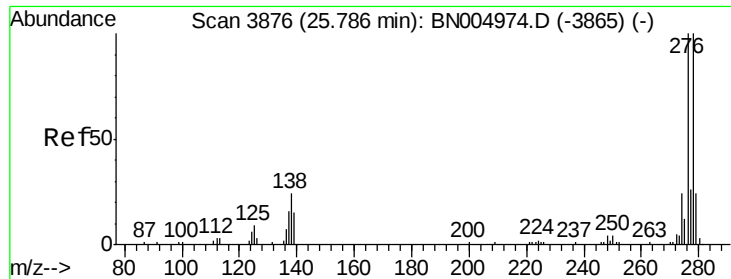
Tot Ion:252 Resp: 80899
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 44.838 ng
RT: 23.39 min Scan# 3468
Delta R.T. -0.04 min
Lab File: BN005136.D
Acq: 10 Apr 2019 20:05

Tgt Ion:252 Resp: 77728
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.1 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 46.009 ng

RT: 25.74 min Scan# 3868

Delta R.T. -0.05 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Instrument :

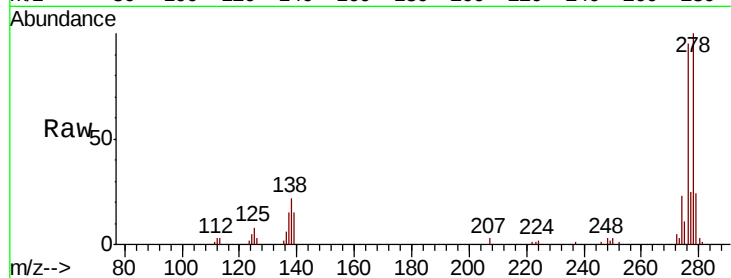
BNA_N

ClientSampleId :

PB118783BS

Tot Ion:278 Resp: 80071

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.8
279	23.9	19.3	28.9

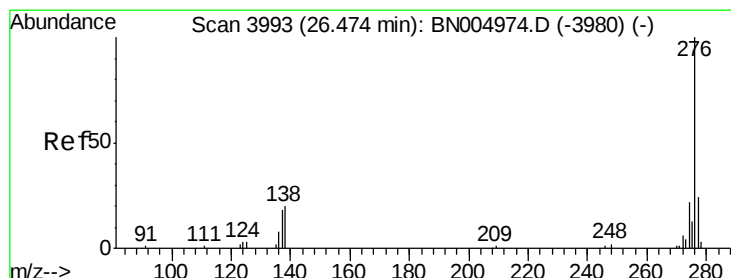
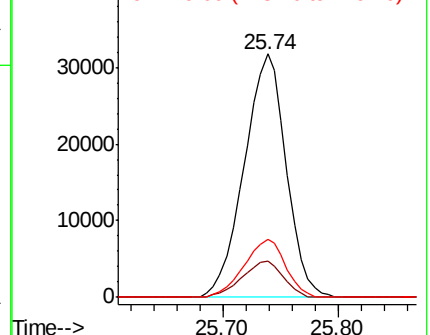
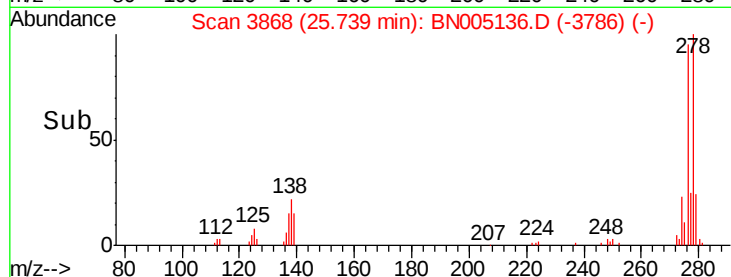


Abundance

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: 46.173 ng

RT: 26.42 min Scan# 3984

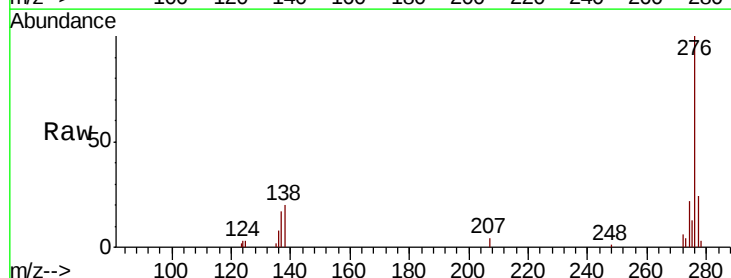
Delta R.T. -0.05 min

Lab File: BN005136.D

Acq: 10 Apr 2019 20:05

Tgt Ion:276 Resp: 79469

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	19.8	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

