

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\
 Data File : BN003507.D
 Acq On : 12 Nov 2018 14:18
 Operator : MJ/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

Quant Time: Nov 12 16:07:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	98921	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	453041	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	266335	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	577216	20.00	ng	0.00
76) Chrysene-d12	21.40	240	462946	20.00	ng	0.00
87) Perylene-d12	23.72	264	430798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	440288	80.28	ng	0.00
7) Phenol-d6	7.00	99	607285	79.84	ng	0.00
23) Nitrobenzene-d5	9.02	82	590230	82.01	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	326237	82.17	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1596738	80.02	ng	0.00
79) Terphenyl-d14	19.85	244	1935554	82.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	82234	38.790	ng	99
3) Pyridine	3.72	79	249016	39.292	ng	99
4) n-Nitrosodimethylamine	3.65	42	76815	39.726	ng	98
6) Aniline	7.18	93	375482	39.943	ng	99
8) 2-Chlorophenol	7.41	128	278525	40.120	ng	99
9) Benzaldehyde	6.99	77	208562	40.061	ng	100
10) Phenol	7.03	94	328300	40.002	ng	98
11) bis(2-Chloroethyl)ether	7.28	93	262082	40.277	ng	100
12) 1,3-Dichlorobenzene	7.73	146	312950	39.955	ng	99
13) 1,4-Dichlorobenzene	7.88	146	320009	39.976	ng	100
14) 1,2-Dichlorobenzene	8.20	146	308768	39.879	ng	99
15) Benzyl Alcohol	8.09	79	226850	40.013	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.38	45	333360	39.950	ng	98
17) 2-Methylphenol	8.28	107	228064	40.272	ng	99
18) Hexachloroethane	8.92	117	106764	40.980	ng	98
19) n-Nitroso-di-n-propylamine	8.66	70	207331	40.485	ng	99
20) 3+4-Methylphenols	8.61	107	316550	40.139	ng	99
22) Acetophenone	8.68	105	417913	40.460	ng	# 99
24) Nitrobenzene	9.06	77	298823	40.459	ng	100
25) Isophorone	9.58	82	503301	40.381	ng	99
26) 2-Nitrophenol	9.76	139	171442	40.828	ng	99
27) 2,4-Dimethylphenol	9.81	122	244191	40.686	ng	99
28) bis(2-Chloroethoxy)methane	10.06	93	351252	40.478	ng	99
29) 2,4-Dichlorophenol	10.29	162	286822	40.615	ng	100
30) 1,2,4-Trichlorobenzene	10.50	180	320893	39.868	ng	99
31) Naphthalene	10.70	128	877322	39.783	ng	100
32) Benzoic acid	9.95	122	208306	38.867	ng	95
33) 4-Chloroaniline	10.81	127	394729	40.117	ng	100
34) Hexachlorobutadiene	10.96	225	193770	40.203	ng	98
35) Caprolactam	11.61	113	99649	40.016	ng	96
36) 4-Chloro-3-methylphenol	11.92	107	298644	39.921	ng	100
37) 2-Methylnaphthalene	12.30	142	625953	39.743	ng	99
38) 1-Methylnaphthalene	12.52	142	606485	39.756	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	381598	39.859	ng	100

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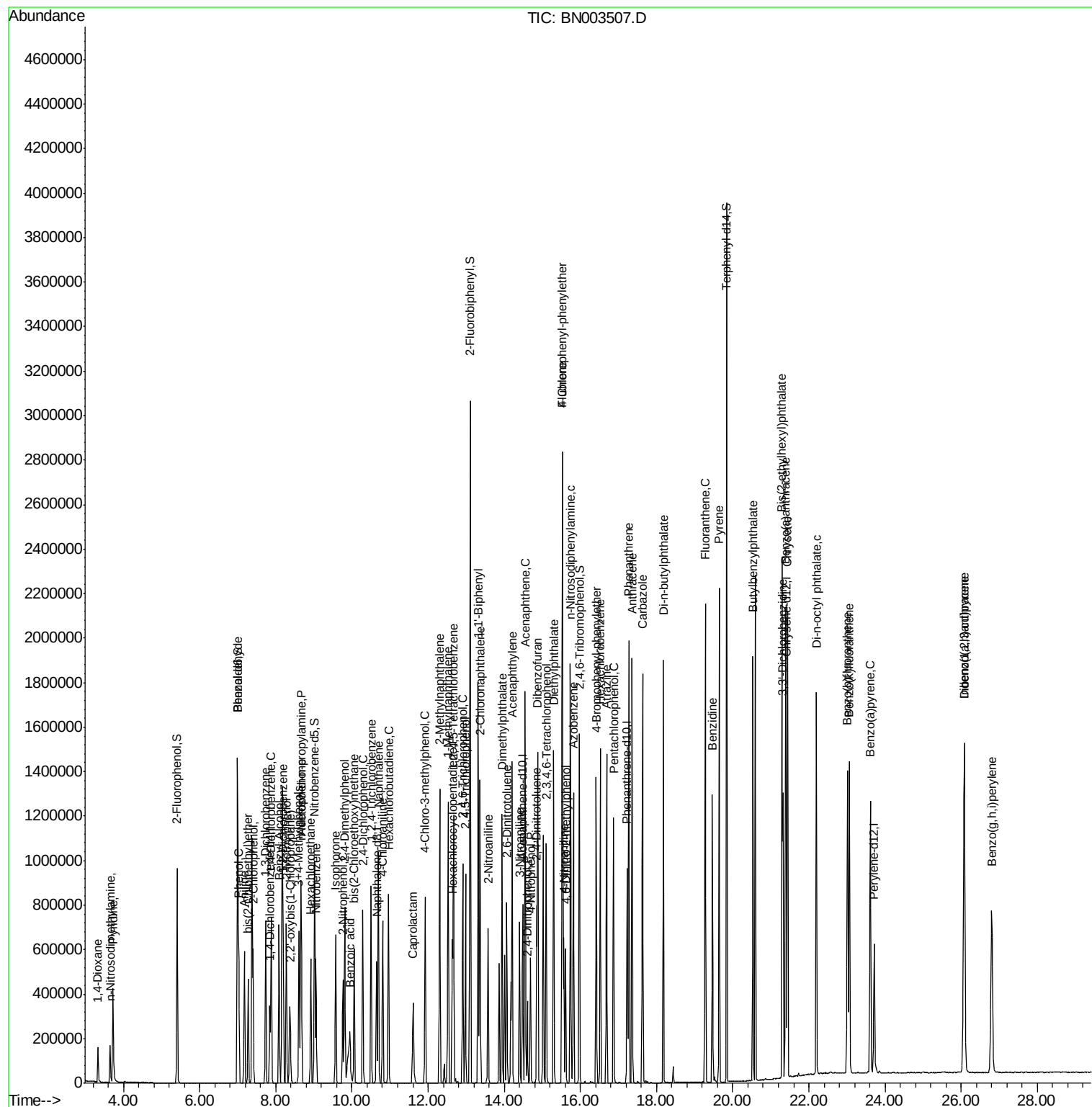
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	189660	39.672	ng	98
43) 2,4,6-Trichlorophenol	12.91	196	245235	41.253	ng	100
44) 2,4,5-Trichlorophenol	12.98	196	261216	41.194	ng	98
46) 1,1'-Biphenyl	13.32	154	936779	39.713	ng	100
47) 2-Chloronaphthalene	13.36	162	710811	40.050	ng	99
48) 2-Nitroaniline	13.57	65	178692	40.409	ng	98
49) Acenaphthylene	14.21	152	1057150	40.376	ng	99
50) Dimethylphthalate	13.95	163	847769	40.632	ng	100
51) 2,6-Dinitrotoluene	14.07	165	195827	40.210	ng	99
52) Acenaphthene	14.55	154	630240	39.689	ng	97
53) 3-Nitroaniline	14.40	138	207998	39.949	ng	99
54) 2,4-Dinitrophenol	14.60	184	91795	38.734	ng	100
55) Dibenzofuran	14.88	168	1038731	39.710	ng	100
56) 4-Nitrophenol	14.69	139	160280	40.291	ng	98
57) 2,4-Dinitrotoluene	14.85	165	264233	40.140	ng	96
58) Fluorene	15.53	166	777494	40.225	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	235915	41.222	ng	99
60) Diethylphthalate	15.30	149	866323	39.243	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	456834	40.147	ng	98
62) 4-Nitroaniline	15.57	138	207639	39.741	ng	98
63) Azobenzene	15.82	77	720394	39.979	ng	99
65) 4,6-Dinitro-2-methylphenol	15.61	198	152891	39.532	ng	99
66) n-Nitrosodiphenylamine	15.74	169	739185	40.431	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	296333	40.701	ng	99
68) Hexachlorobenzene	16.52	284	340985	40.240	ng	99
69) Atrazine	16.69	200	272387	39.830	ng	99
70) Pentachlorophenol	16.87	266	225811	39.983	ng	99
71) Phenanthrene	17.27	178	1199323	39.773	ng	99
72) Anthracene	17.36	178	1196991	40.611	ng	100
73) Carbazole	17.63	167	1165366	40.287	ng	100
74) Di-n-butylphthalate	18.18	149	1399889	41.013	ng	100
75) Fluoranthene	19.28	202	1273690	39.184	ng	99
77) Benzidine	19.47	184	661069	41.291	ng	97
78) Pyrene	19.65	202	1279890	40.957	ng	99
80) Butylbenzylphthalate	20.53	149	550190	41.081	ng	99
81) Benzo(a)anthracene	21.39	228	1051756	39.938	ng	100
82) 3,3'-Dichlorobenzidine	21.32	252	434629	39.601	ng	100
83) Chrysene	21.44	228	1003744	39.852	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	803515	41.372	ng	99
85) Di-n-octyl phthalate	22.20	149	1144268	39.669	ng	100
86) Indeno(1,2,3-cd)pyrene	26.07	276	1110753	41.776	ng	99
88) Benzo(b)fluoranthene	23.02	252	965022	40.235	ng	99
89) Benzo(k)fluoranthene	23.06	252	962752	40.338	ng	100
90) Benzo(a)pyrene	23.62	252	906012	40.769	ng	100
91) Dibenzo(a,h)anthracene	26.09	278	938538	41.473	ng	99
92) Benzo(g,h,i)perylene	26.80	276	901216	40.952	ng	99

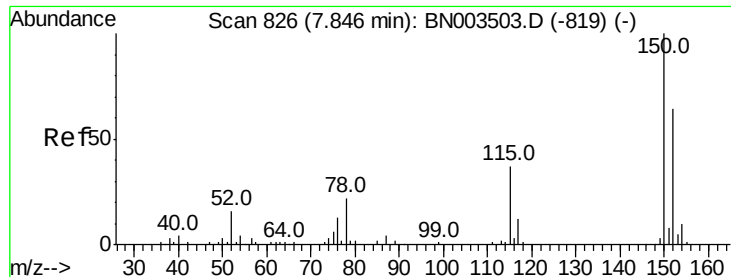
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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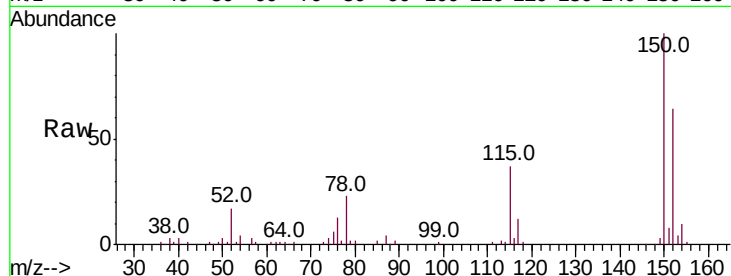


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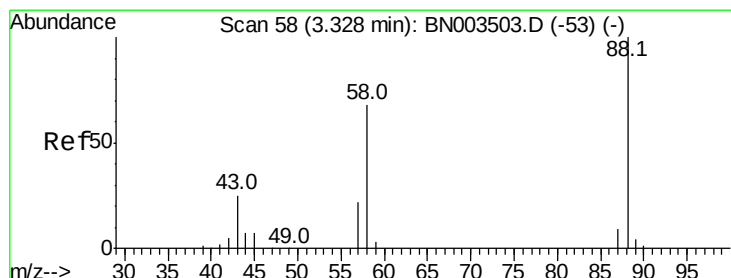
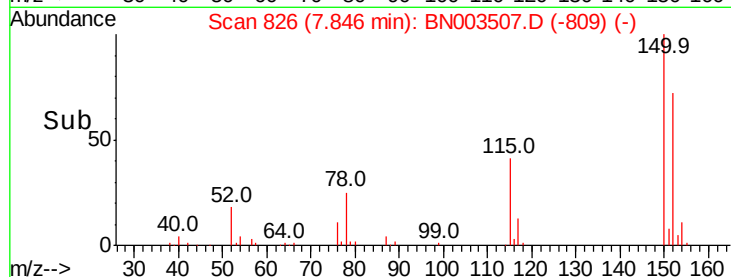
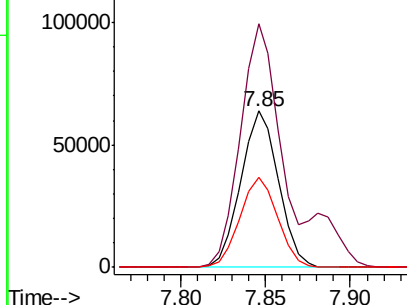
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion:152 Resp: 98921
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.0
115 57.3 45.9 68.9



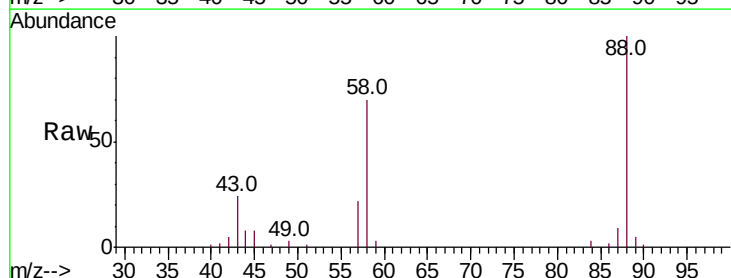
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



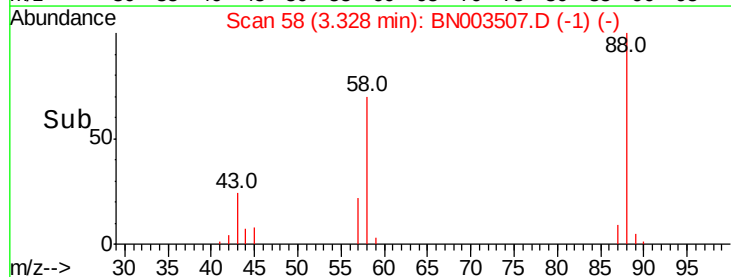
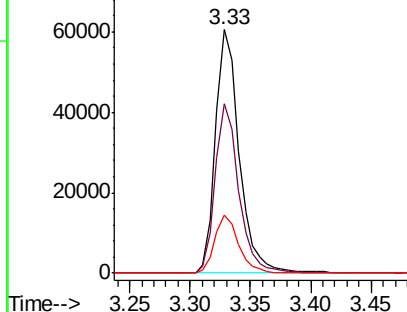
#2

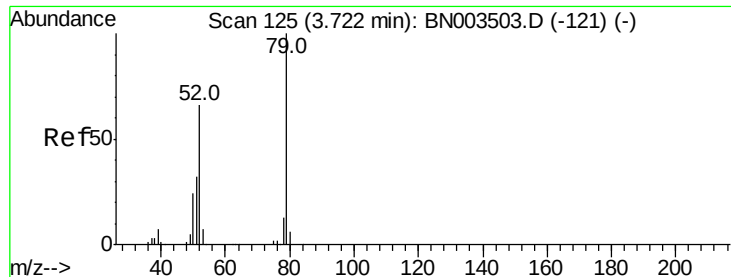
1,4-Dioxane
Concen: 38.790 ng
RT: 3.33 min Scan# 58
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion: 88 Resp: 82234
Ion Ratio Lower Upper
88 100
58 68.5 54.2 81.2
43 23.6 19.0 28.6



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

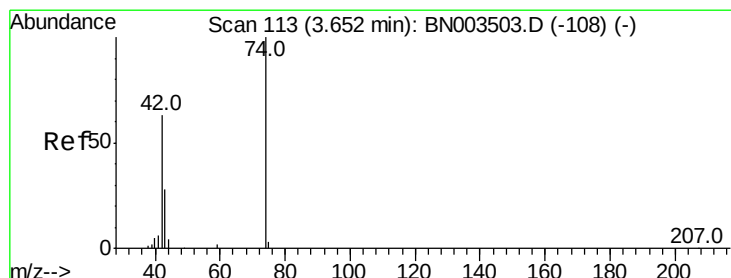
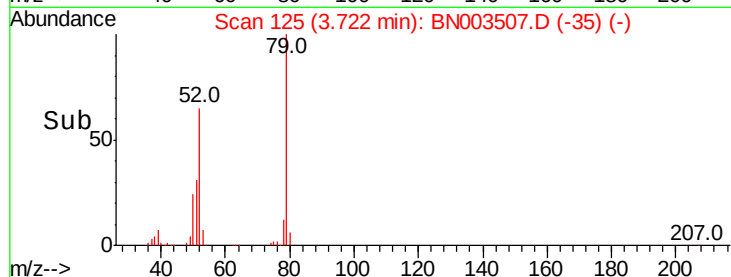
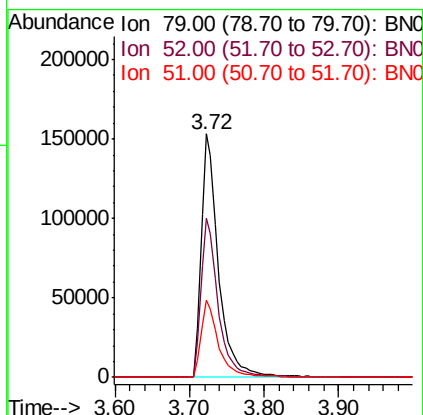
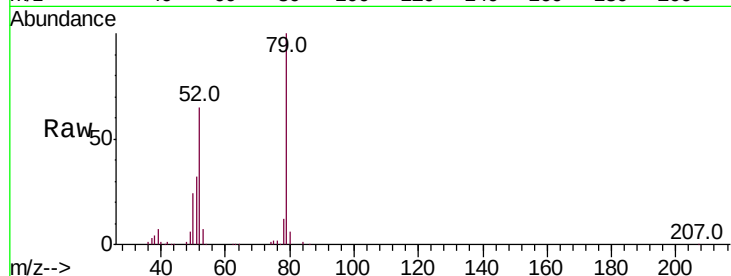




#3
 Pvridine
 Concen: 39.292 ng
 RT: 3.72 min Scan# 125
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

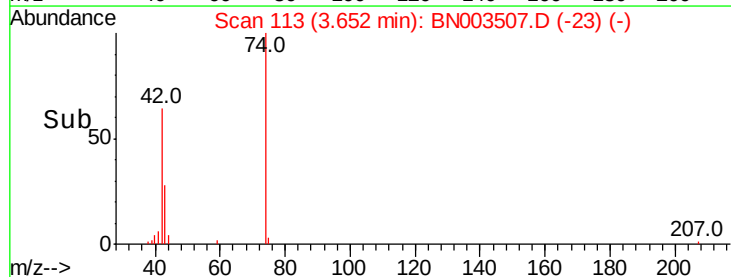
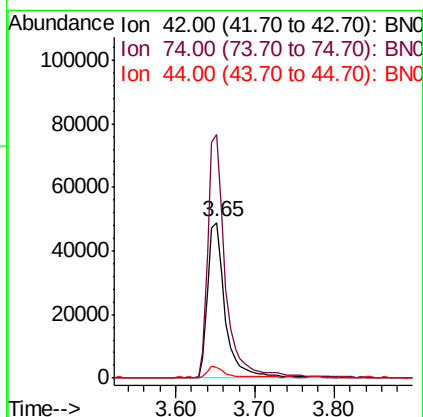
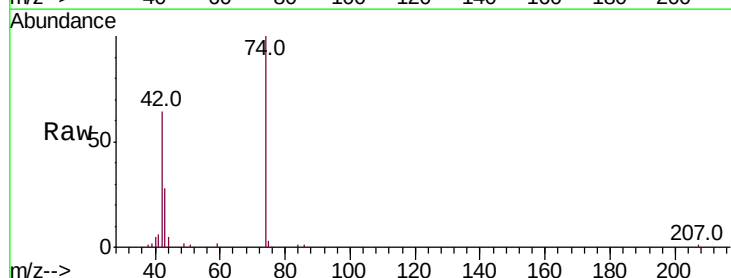
Instrument :
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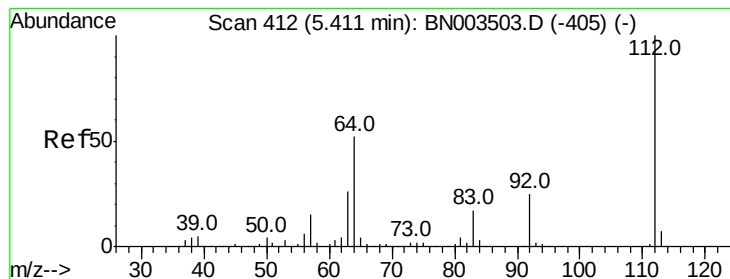
Tot Ion: 79 Resp: 249016
 Ion Ratio Lower Upper
 79 100
 52 65.3 52.6 78.8
 51 31.6 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 39.726 ng
 RT: 3.65 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion: 42 Resp: 76815
 Ion Ratio Lower Upper
 42 100
 74 156.7 127.3 190.9
 44 7.3 5.9 8.9





#5

2-Fluorophenol

Concen: 80.275 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

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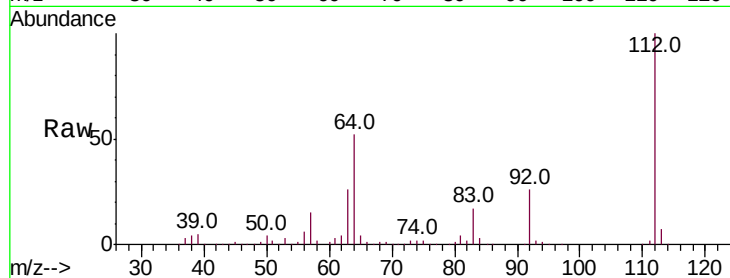
Tot Ion:112 Resp: 440288

Ion Ratio Lower Upper

112 100

64 52.4 41.4 62.2

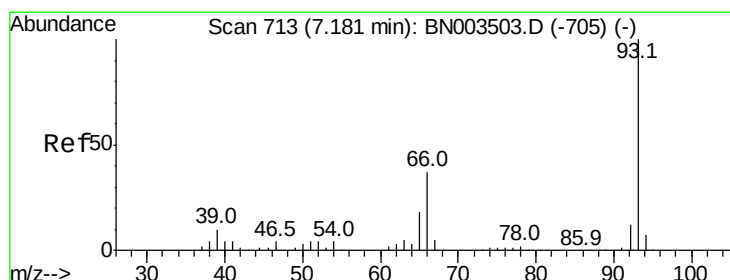
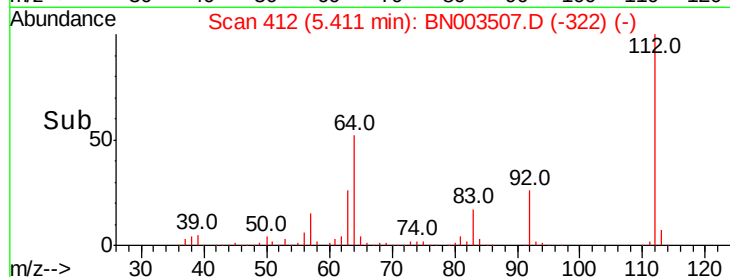
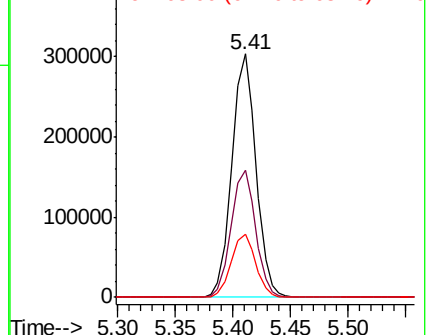
63 25.7 20.5 30.7



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: 39.943 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

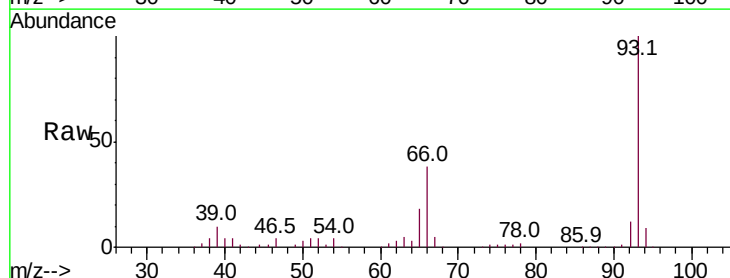
Tgt Ion: 93 Resp: 375482

Ion Ratio Lower Upper

93 100

66 37.7 29.6 44.4

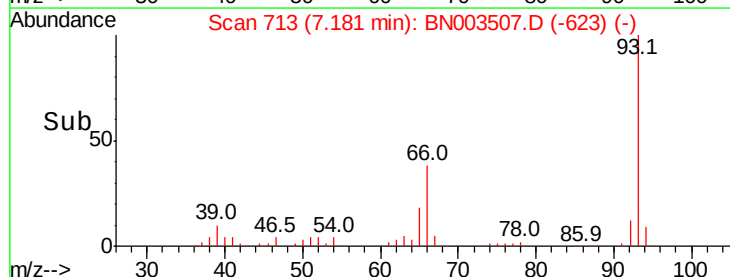
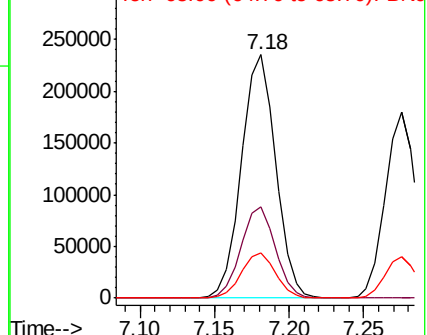
65 18.4 14.5 21.7

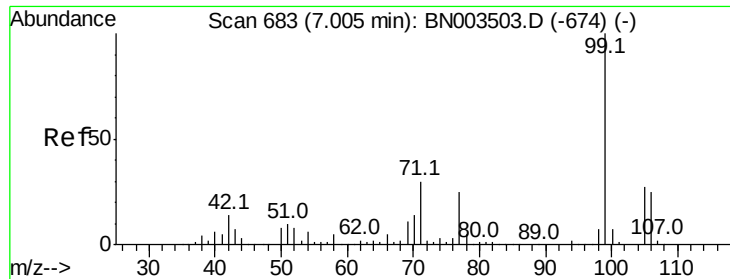


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 79.837 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

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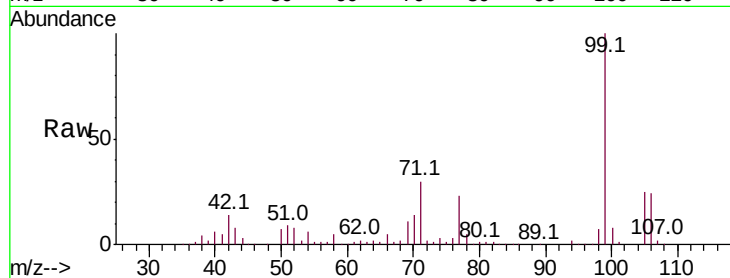
Tot Ion: 99 Resp: 607285

Ion Ratio Lower Upper

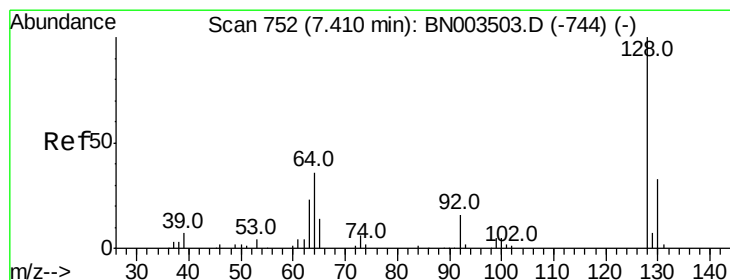
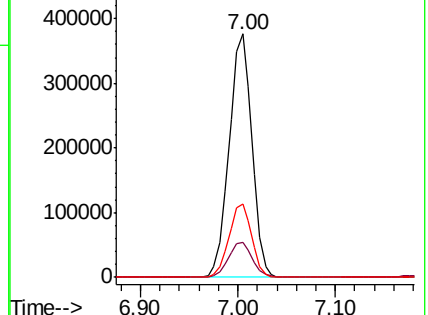
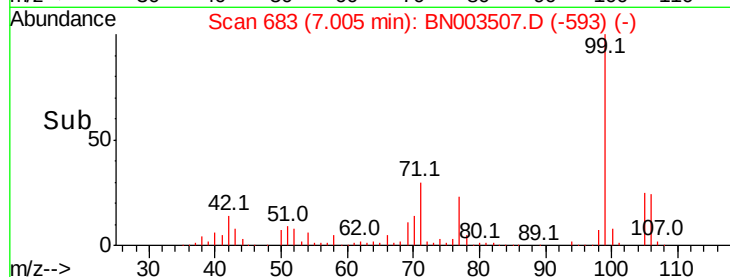
99 100

42 14.5 11.6 17.4

71 30.0 24.2 36.2



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#8

2-Chlorophenol

Concen: 40.120 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

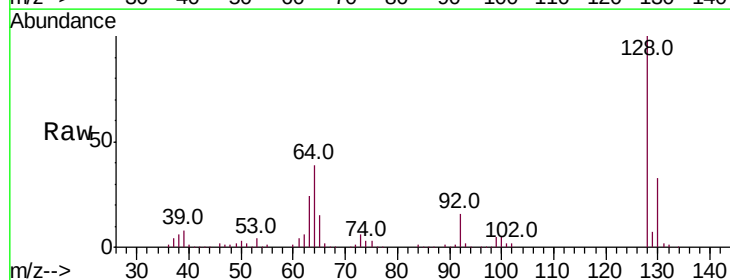
Tgt Ion: 128 Resp: 278525

Ion Ratio Lower Upper

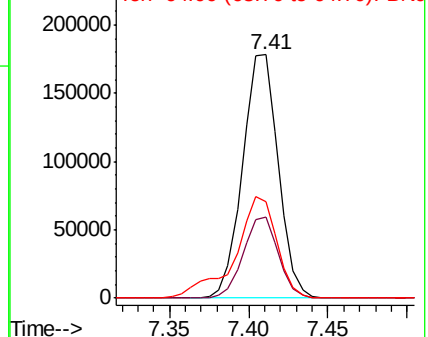
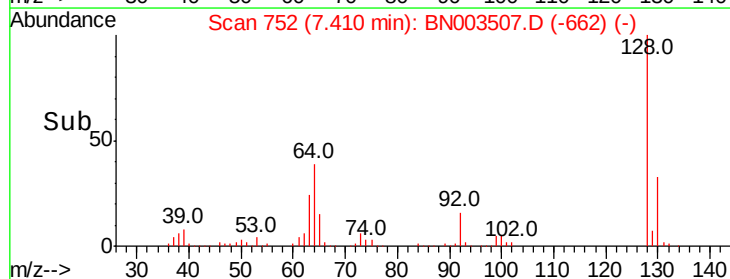
128 100

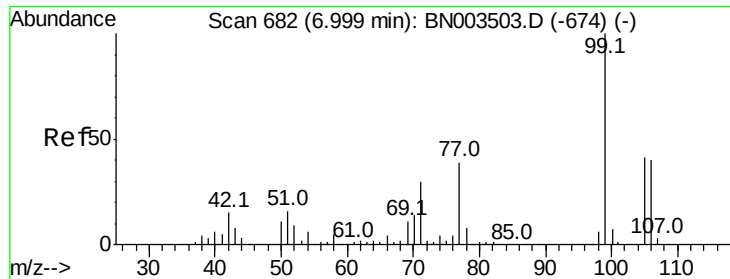
130 33.4 12.9 52.9

64 39.4 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BN0





#9

Benzaldehyde

Concen: 40.061 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

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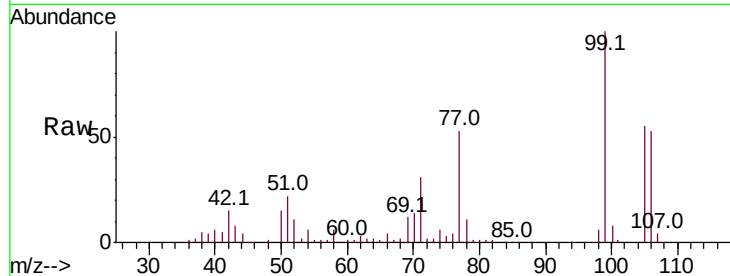
Tot Ion: 77 Resp: 208562

Ion Ratio Lower Upper

77 100

105 104.3 84.7 124.7

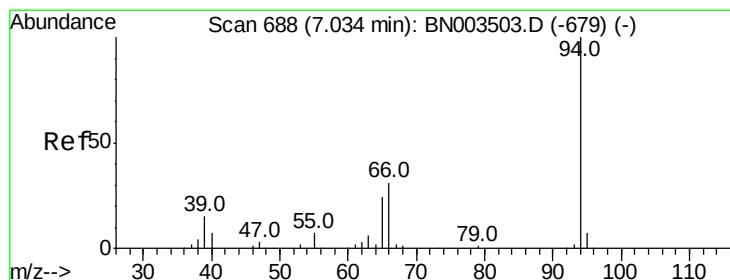
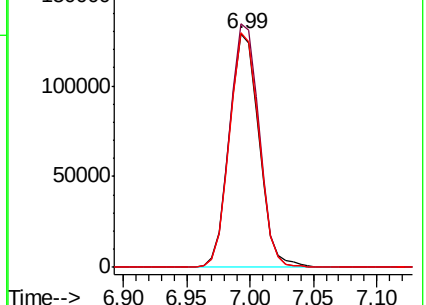
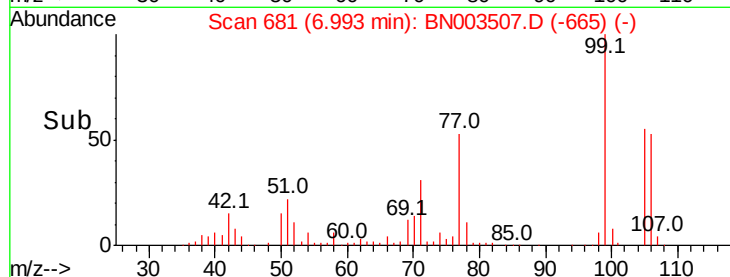
106 100.5 81.0 121.0



Abundance Ion 77.00 (76.70 to 77.70): BN003503.D (-674) (-)

Ion 105.00 (104.70 to 105.70): BN003503.D (-674) (-)

Ion 106.00 (105.70 to 106.70): BN003503.D (-674) (-)



#10

Phenol

Concen: 40.002 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

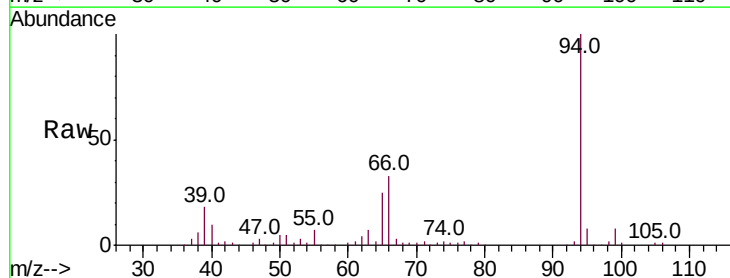
Tgt Ion: 94 Resp: 328300

Ion Ratio Lower Upper

94 100

65 25.1 4.5 44.5

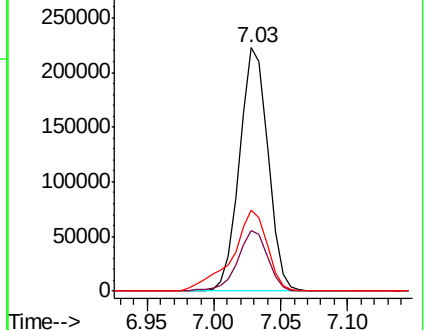
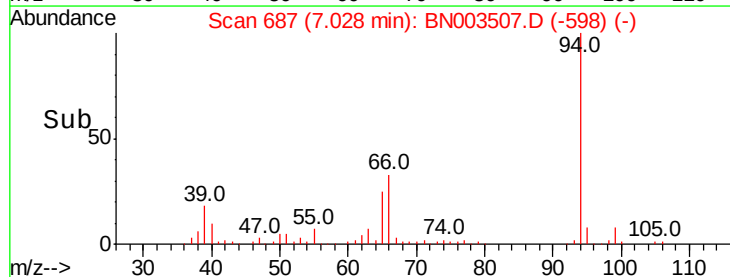
66 33.3 12.0 52.0

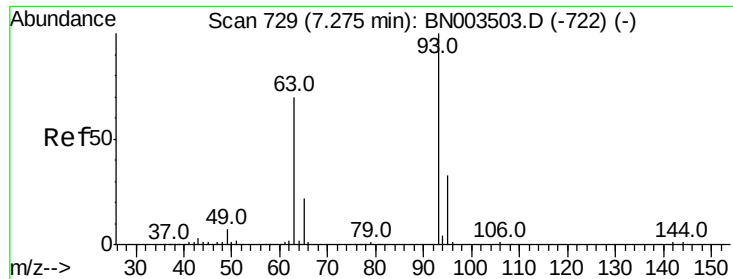


Abundance Ion 94.00 (93.70 to 94.70): BN003503.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN003503.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN003503.D (-679) (-)



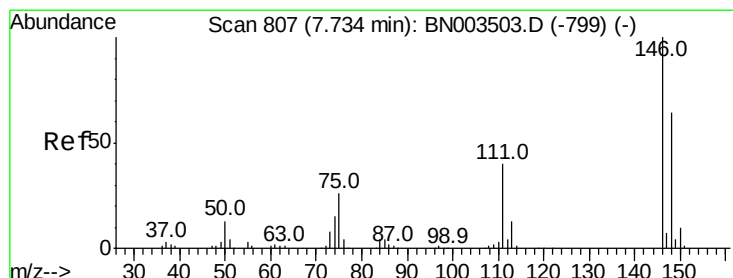
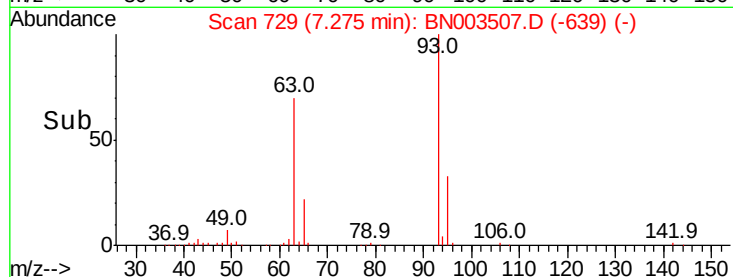
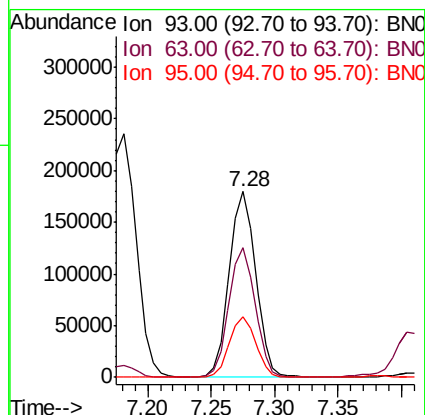
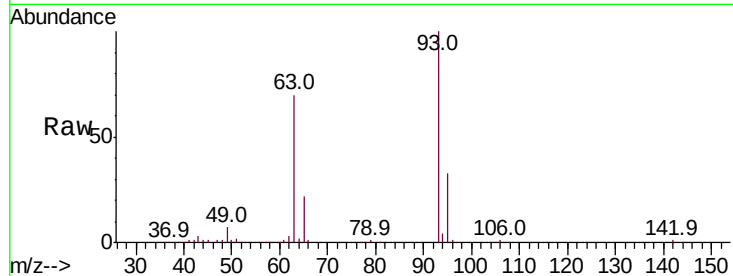


#11
bis(2-Chloroethyl)ether
Concen: 40.277 ng
RT: 7.28 min Scan# 729
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion: 93 Resp: 262082

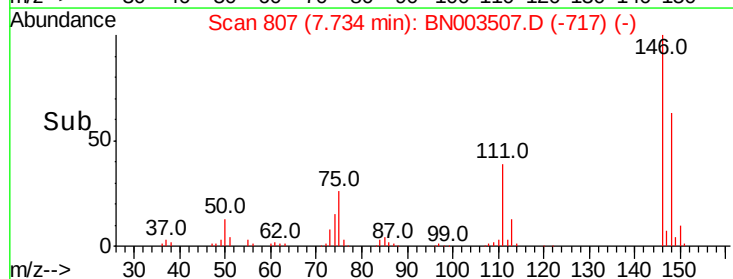
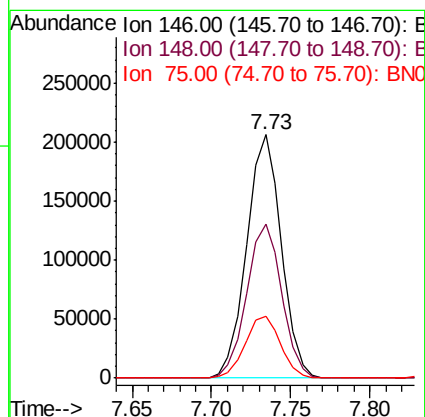
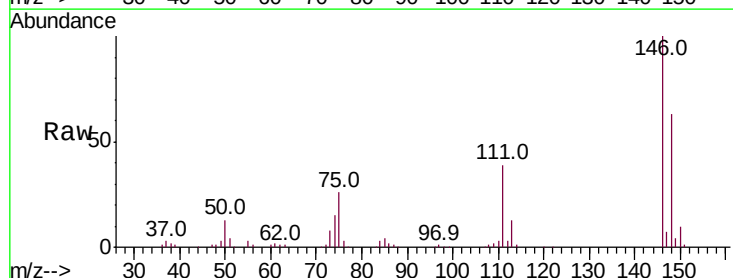
Ion	Ratio	Lower	Upper
93	100		
63	69.6	49.9	89.9
95	32.6	12.4	52.4

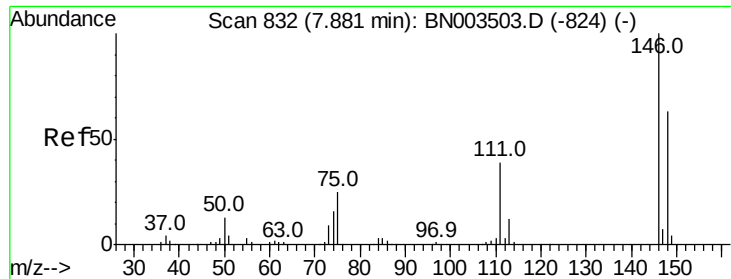


#12
1,3-Dichlorobenzene
Concen: 39.955 ng
RT: 7.73 min Scan# 807
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion: 146 Resp: 312950

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
75	25.6	20.5	30.7

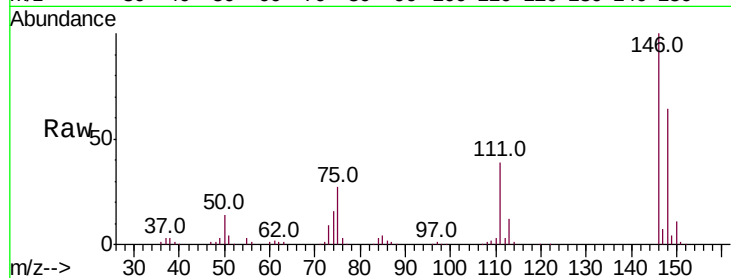




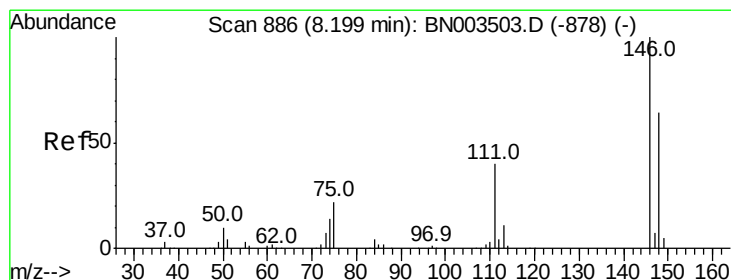
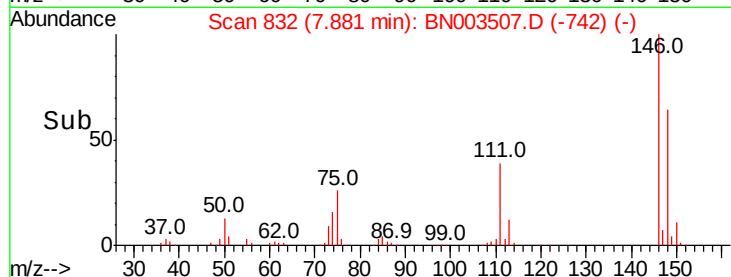
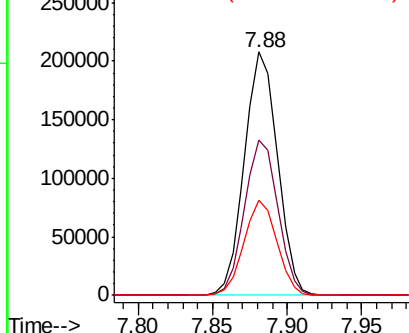
#13
 1,4-Dichlorobenzene
 Concen: 39.976 ng
 RT: 7.88 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

Tot Ion:146 Resp: 320009
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 39.0 31.0 46.6

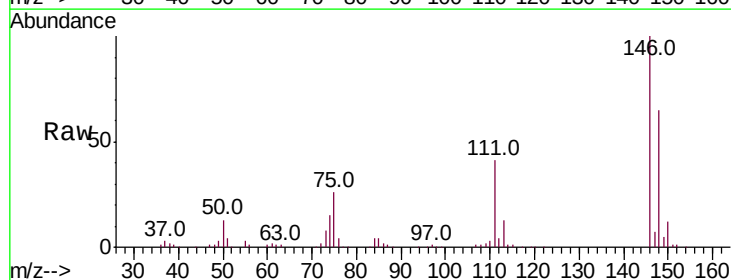


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

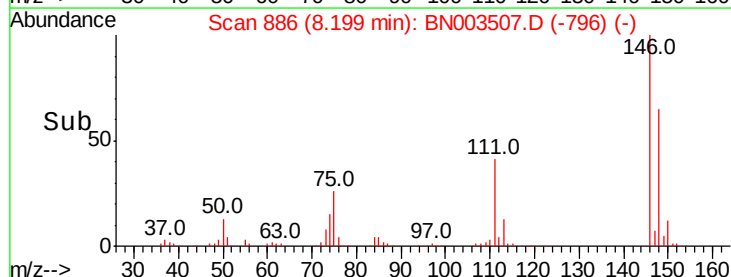
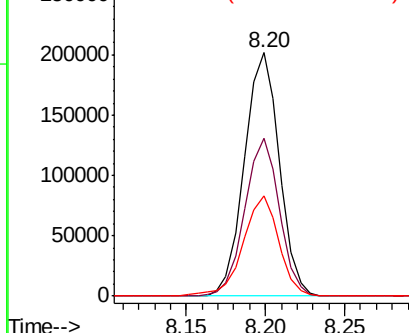


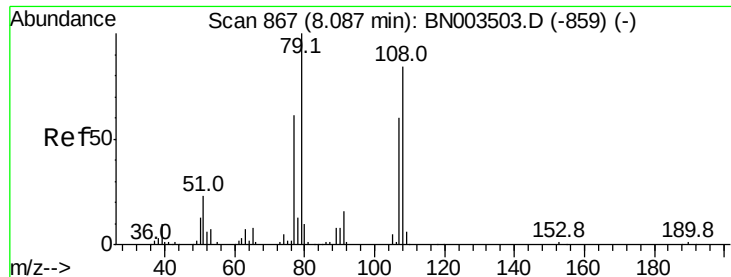
#14
 1,2-Dichlorobenzene
 Concen: 39.879 ng
 RT: 8.20 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:146 Resp: 308768
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 40.9 32.6 48.8



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: 40.013 ng

RT: 8.09 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

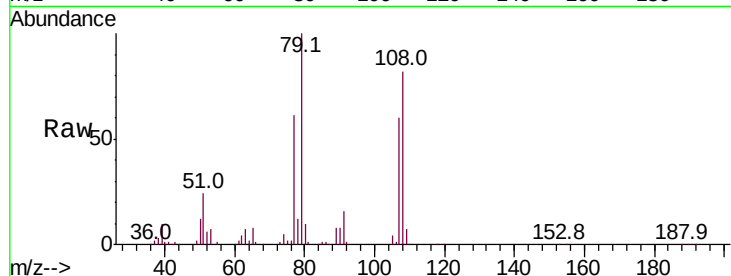
Tot Ion: 79 Resp: 226850

Ion Ratio Lower Upper

79 100

108 82.3 67.3 100.9

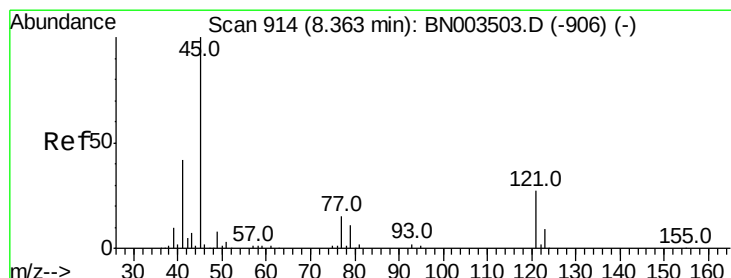
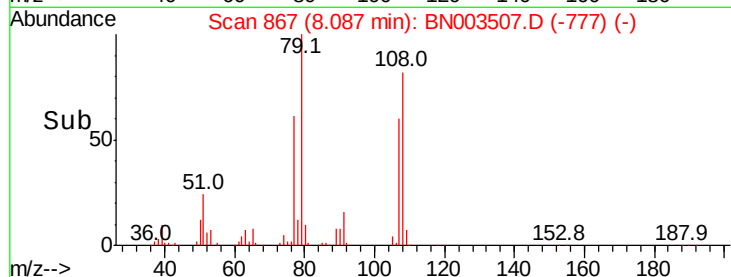
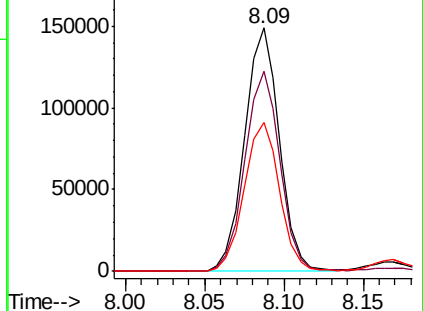
77 61.0 49.0 73.6



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: 39.950 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.01 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

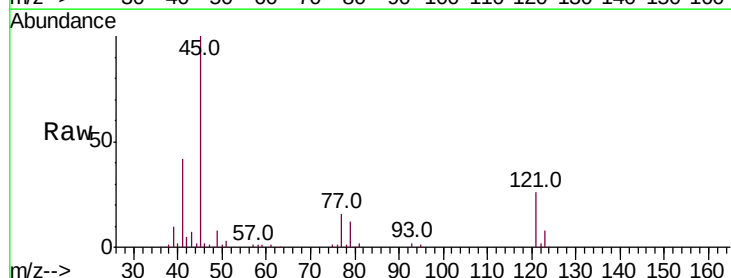
Tgt Ion: 45 Resp: 333360

Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.1

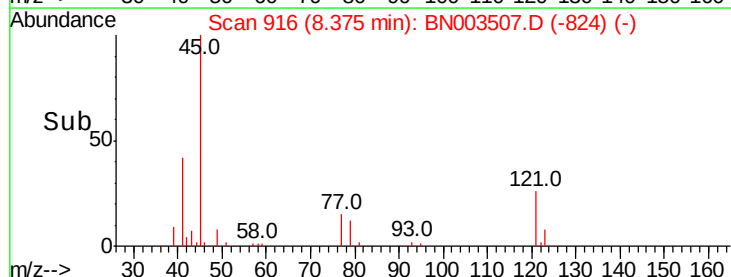
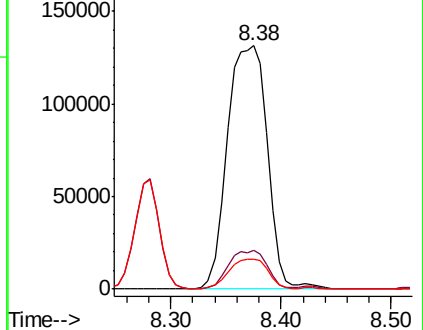
79 12.4 0.0 31.4

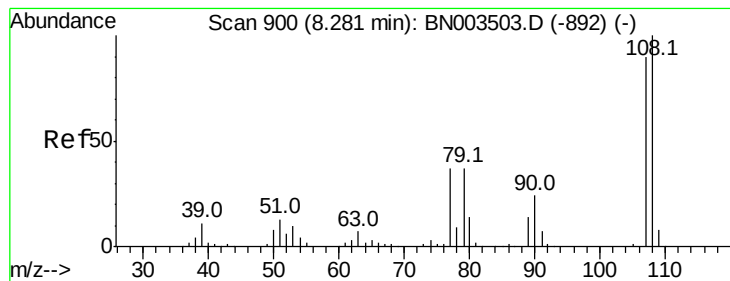


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

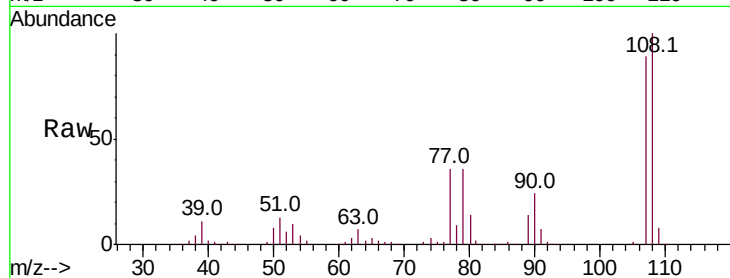




#17
2-Methylphenol
Concen: 40.272 ng
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.0	133.4
77	40.9	32.6	49.0
79	40.5	32.7	49.1



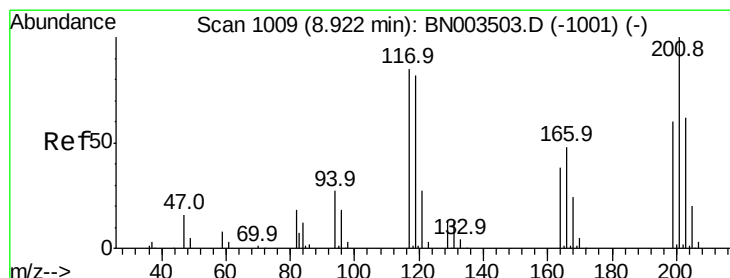
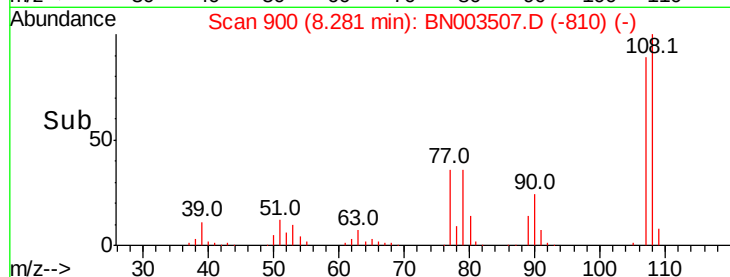
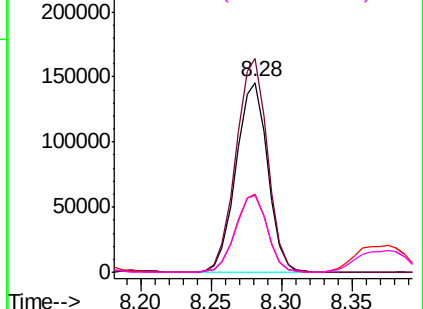
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

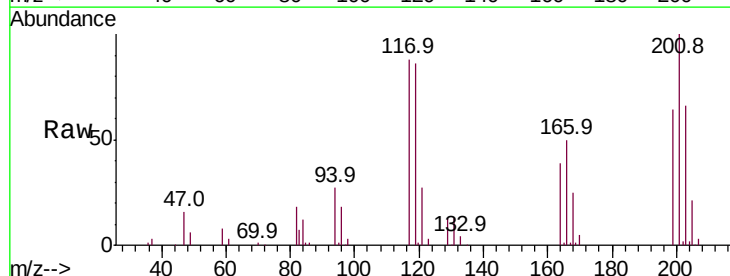
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 40.980 ng
RT: 8.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.1	115.7
201	113.4	93.6	140.4

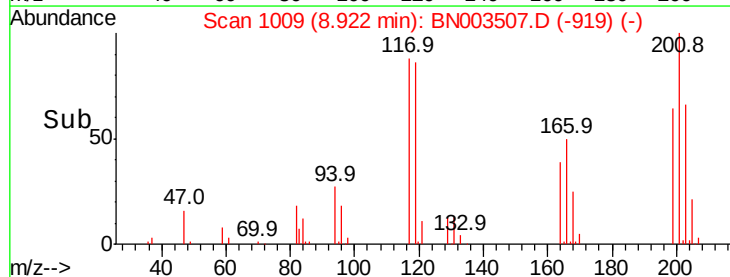
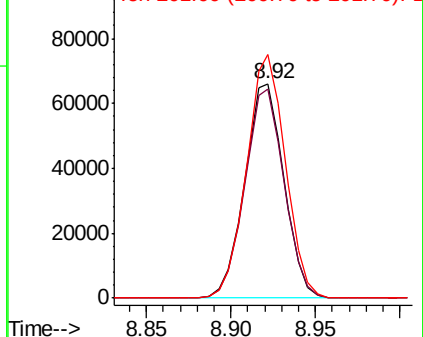


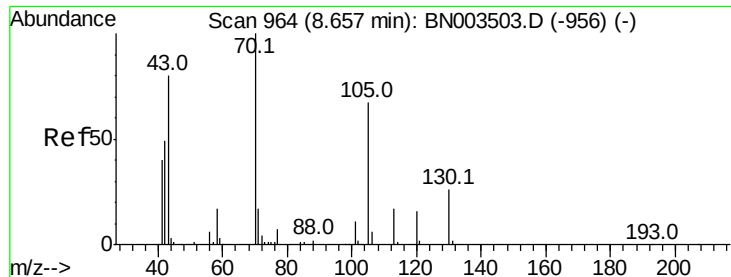
Abundance

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: 40.485 ng

RT: 8.66 min Scan# 964

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

Tot Ion: 70 Resp: 207331

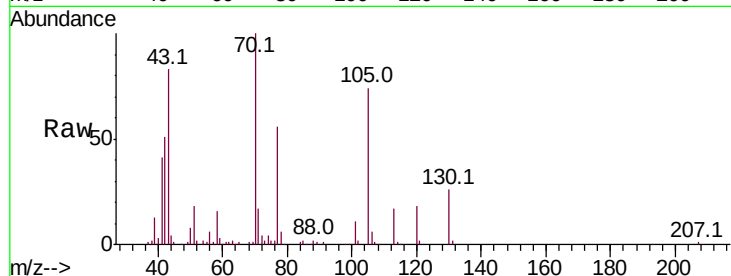
Ion Ratio Lower Upper

70 100

42 50.8 39.7 59.5

101 10.9 8.8 13.2

130 26.2 20.8 31.2



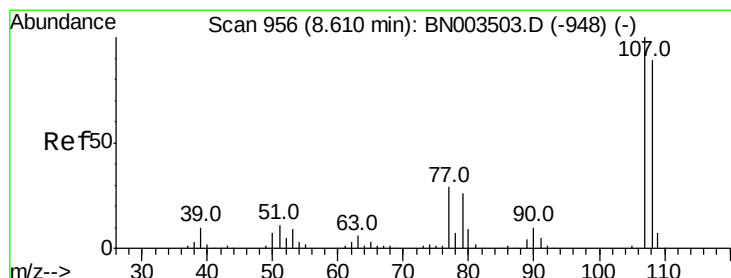
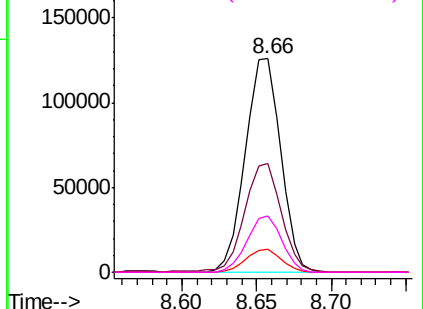
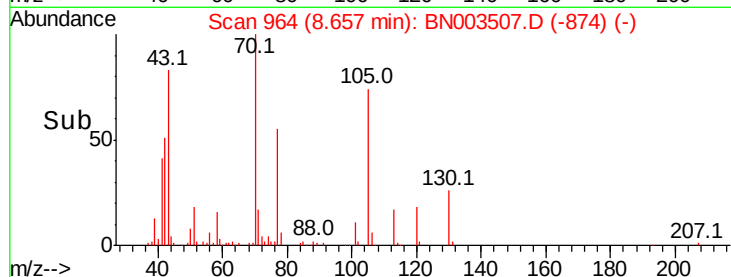
Abundance

Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.139 ng

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Tgt Ion:107 Resp: 316550

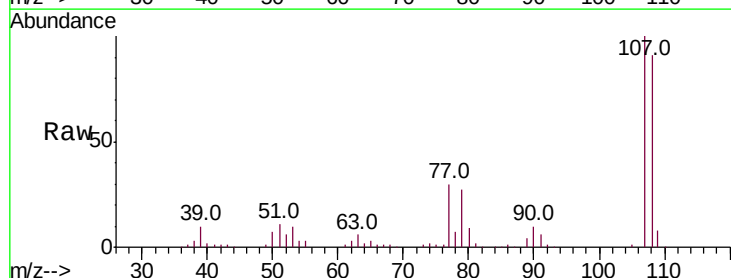
Ion Ratio Lower Upper

107 100

108 90.5 69.5 109.5

77 30.2 9.4 49.4

79 26.8 5.9 45.9



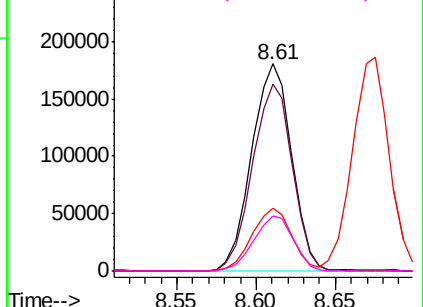
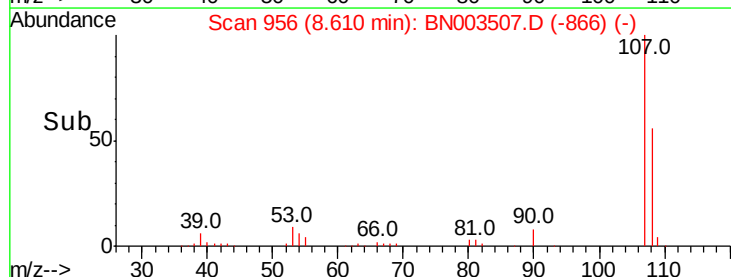
Abundance

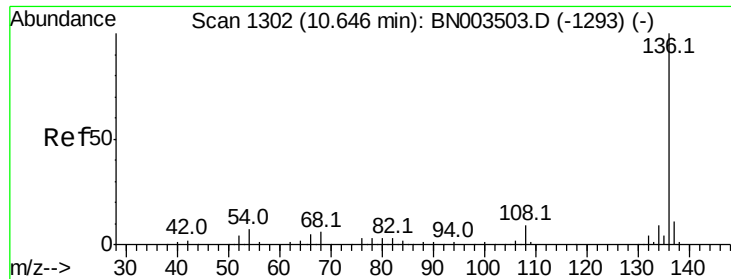
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

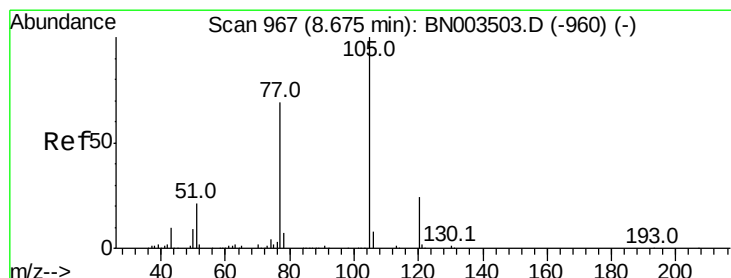
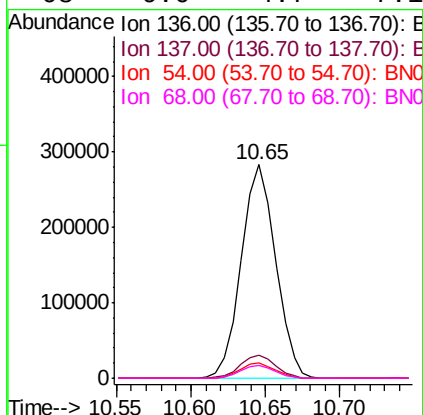
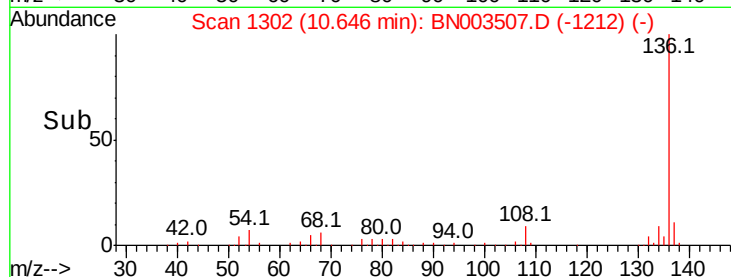
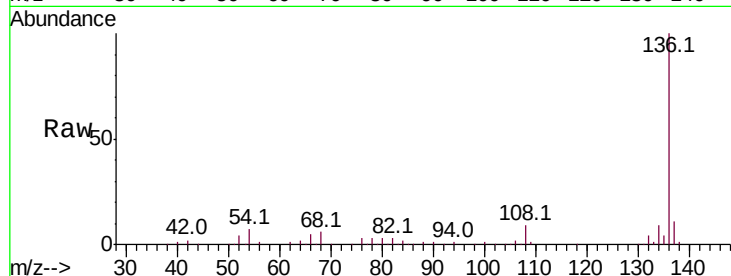




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

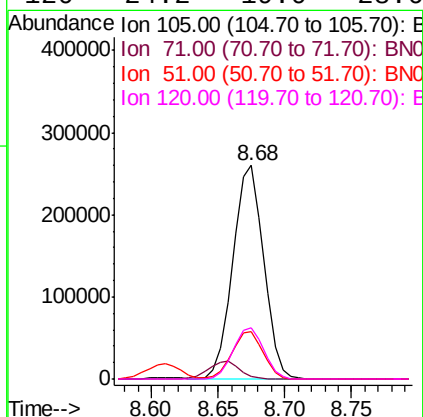
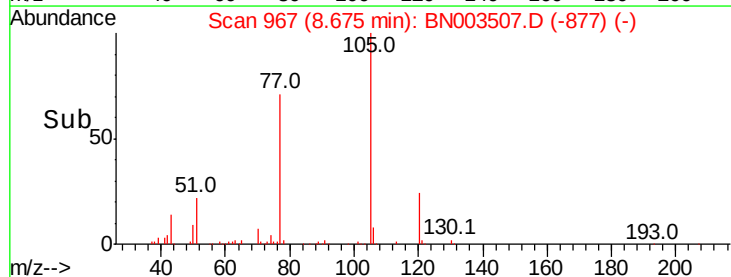
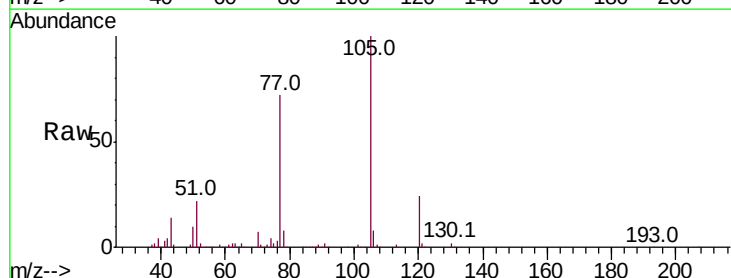
Instrument :
BNA_N
ClientSampleId :
ICVBN111218

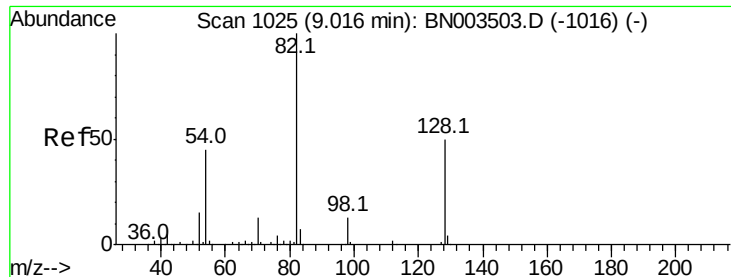
Tot Ion:136	Resp:	453041
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 7.3	5.7	8.5
68 6.0	4.7	7.1



#22
Acetophenone
Concen: 40.460 ng
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt	Ion:105	Resp:	417913
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	22.3	17.7	26.5
120	24.2	19.0	28.6

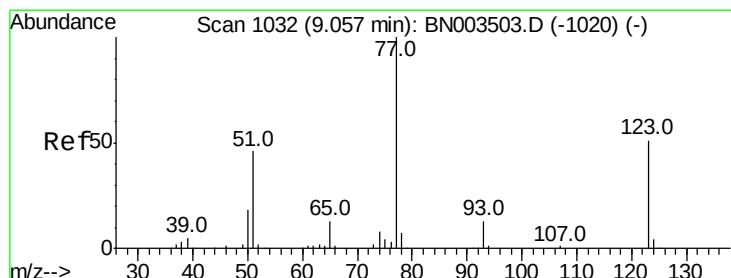
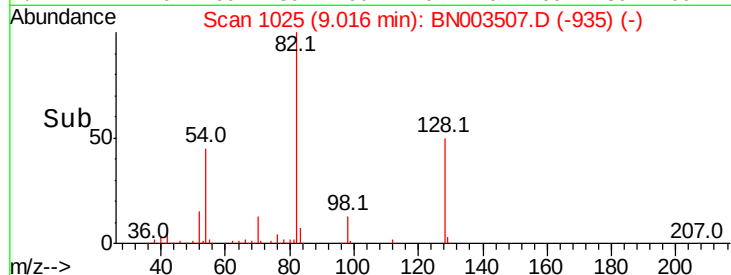
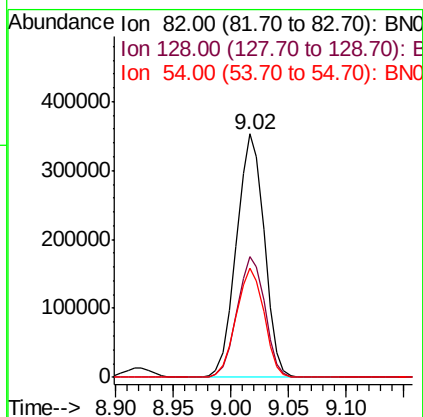
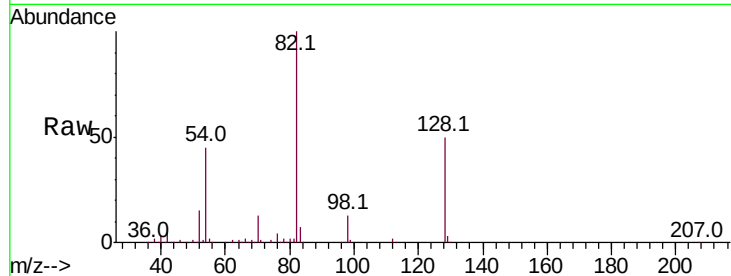




#23
Nitrobenzene-d5
Concen: 82.008 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

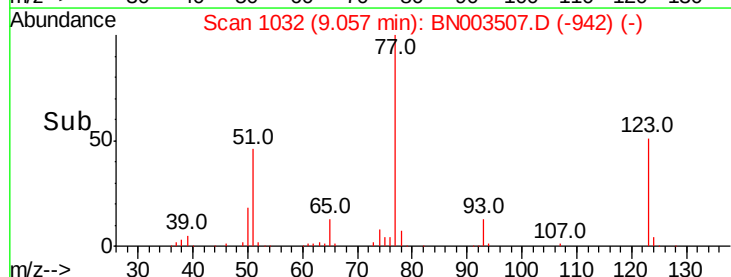
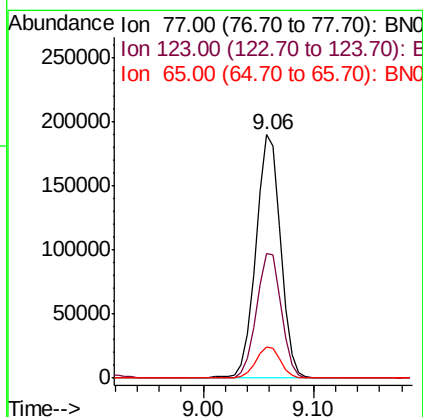
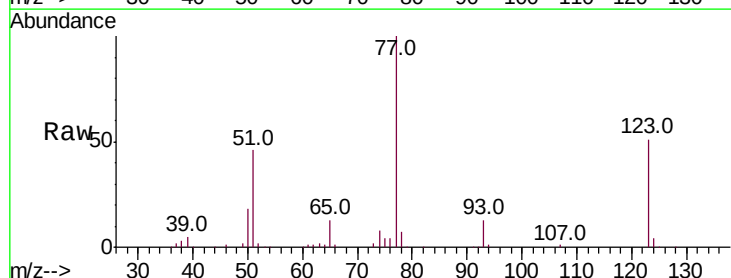
Instrument :
BNA_N
ClientSampleId :
ICVBN111218

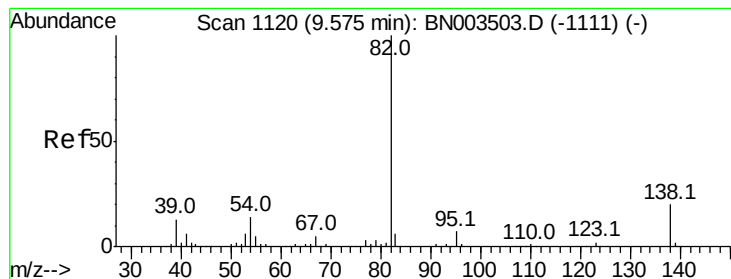
Tot Ion: 82 Resp: 590230
Ion Ratio Lower Upper
82 100
128 49.5 40.0 60.0
54 44.8 36.1 54.1



#24
Nitrobenzene
Concen: 40.459 ng
RT: 9.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion: 77 Resp: 298823
Ion Ratio Lower Upper
77 100
123 51.4 41.0 61.4
65 12.8 10.3 15.5





#25

Isophorone

Concen: 40.381 ng

RT: 9.58 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

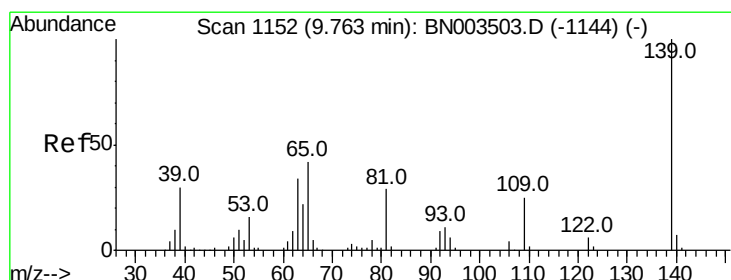
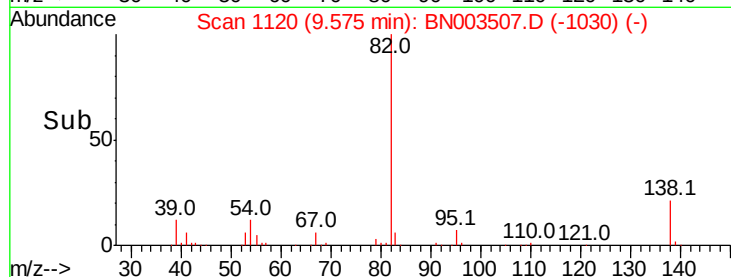
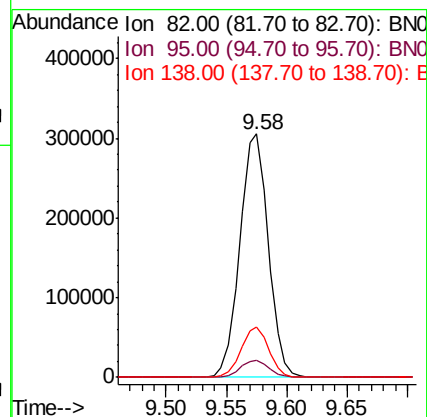
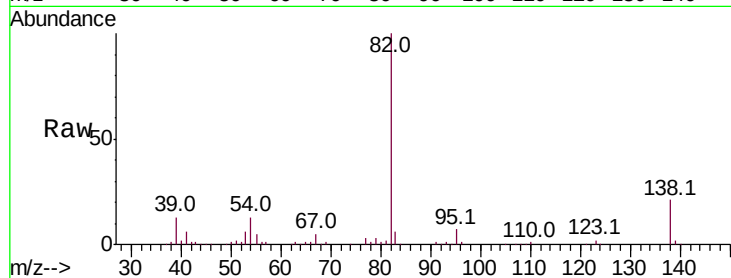
Tot Ion: 82 Resp: 503301

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 20.8 16.4 24.6



#26

2-Nitrophenol

Concen: 40.828 ng

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

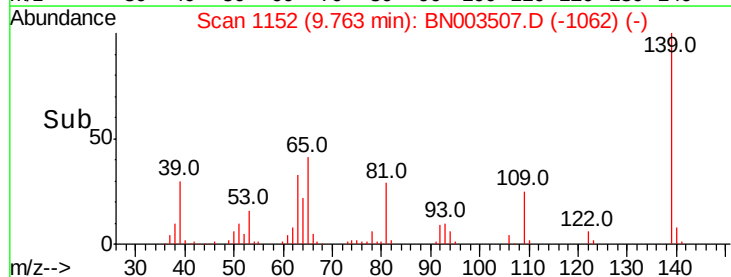
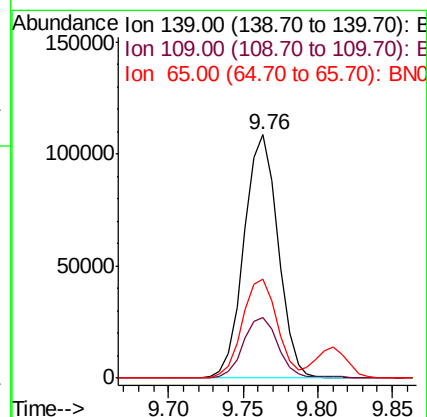
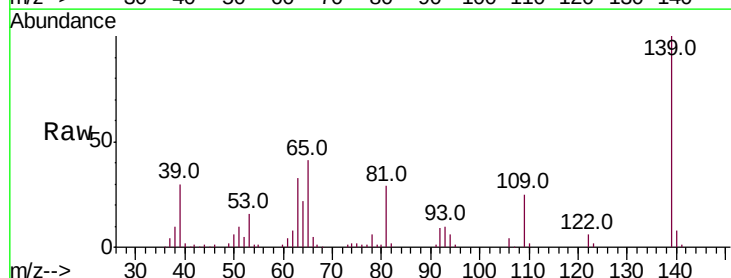
Tgt Ion: 139 Resp: 171442

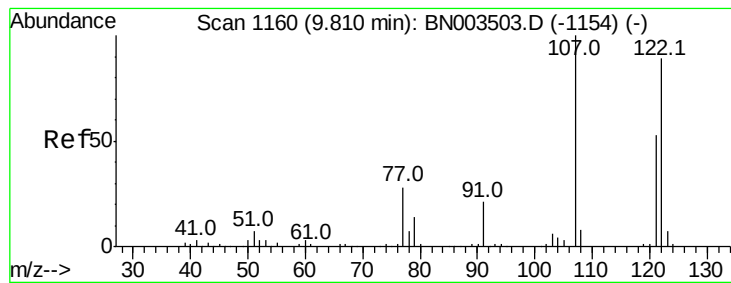
Ion Ratio Lower Upper

139 100

109 25.0 20.4 30.6

65 40.7 33.4 50.0

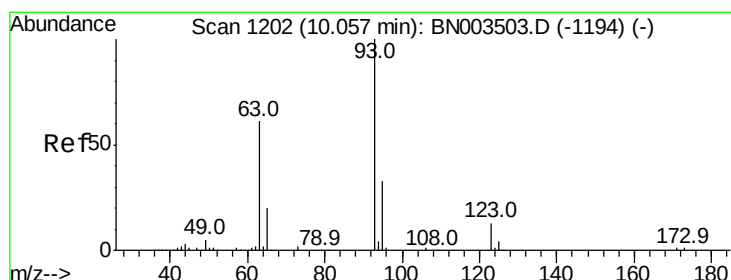
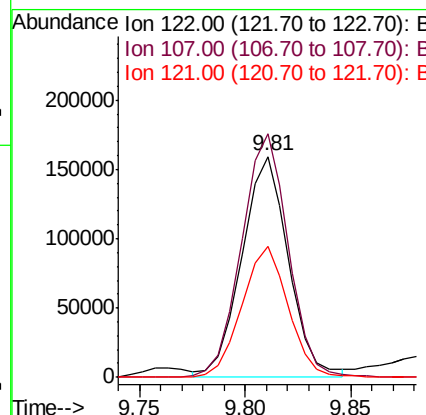
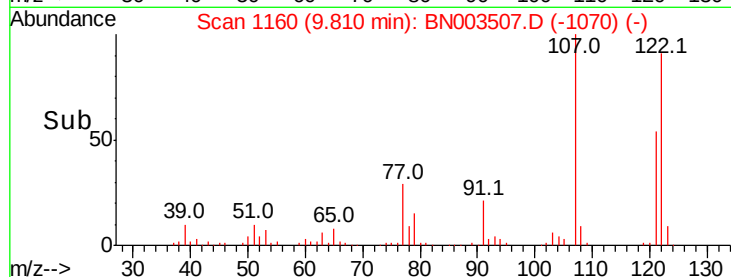
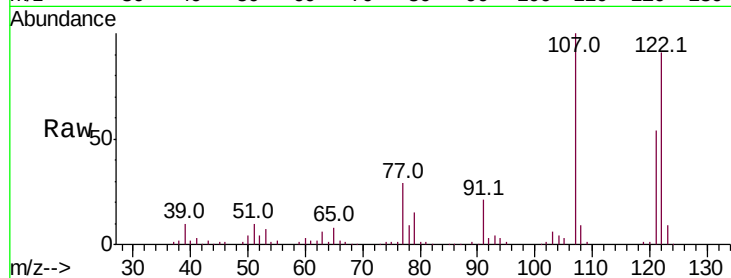




#27
 2,4-Dimethylphenol
 Concen: 40.686 ng
 RT: 9.81 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

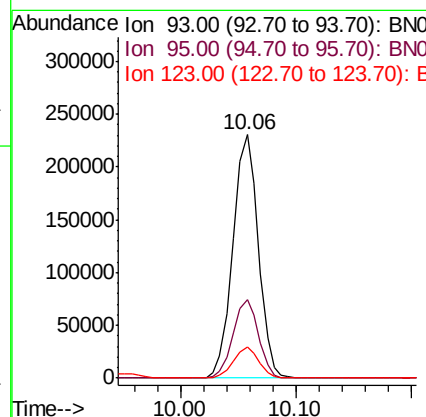
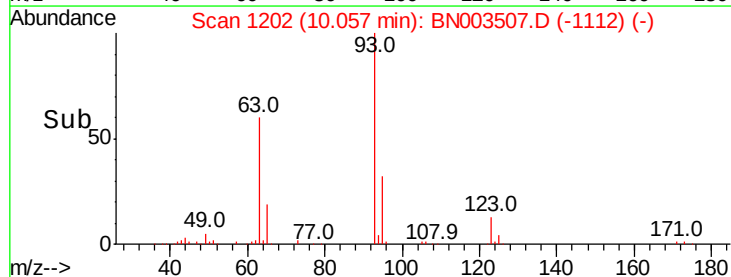
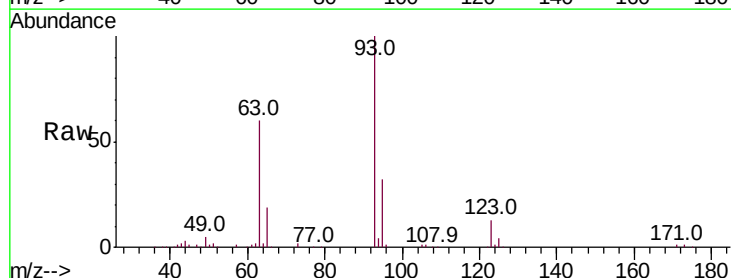
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

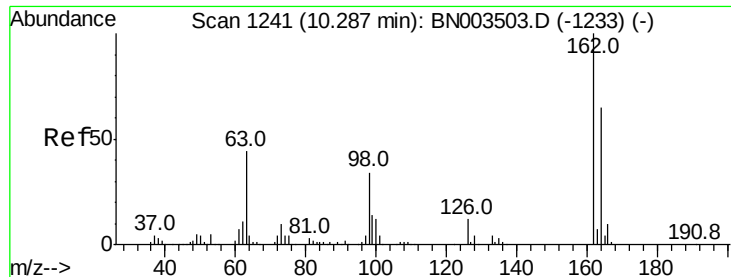
Tot Ion:122 Resp: 244191
 Ion Ratio Lower Upper
 122 100
 107 110.2 88.6 132.8
 121 59.5 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.478 ng
 RT: 10.06 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion: 93 Resp: 351252
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.4 39.6
 123 12.7 10.2 15.2

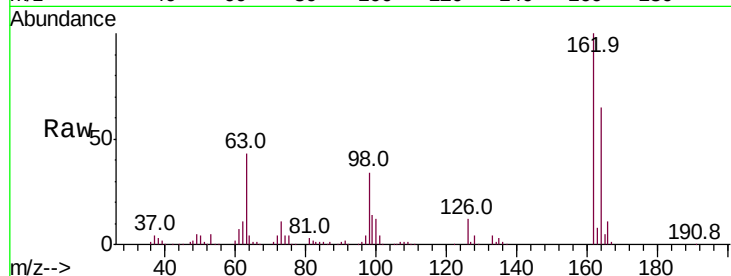




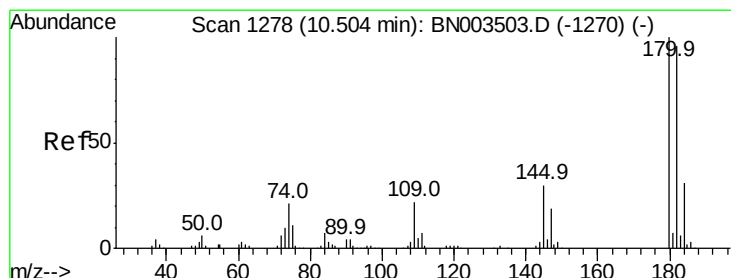
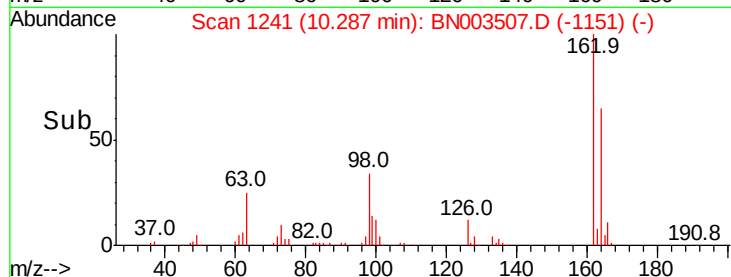
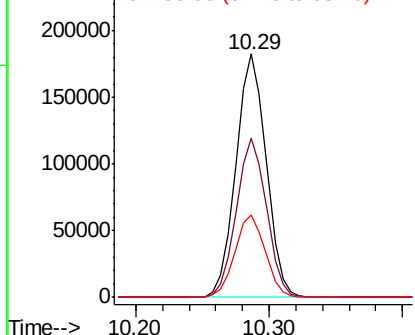
#29
2,4-Dichlorophenol
Concen: 40.615 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	33.7	13.5	53.5

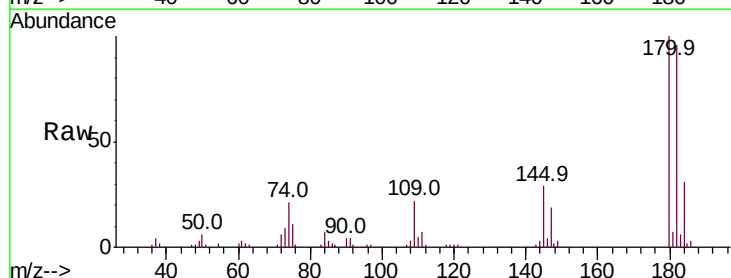


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO

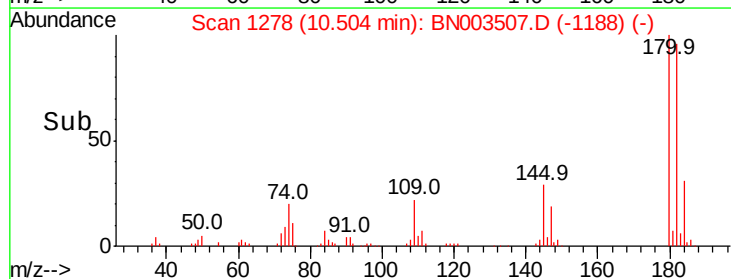
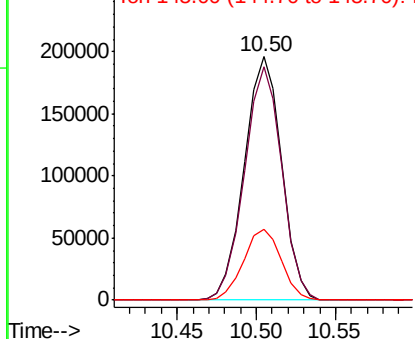


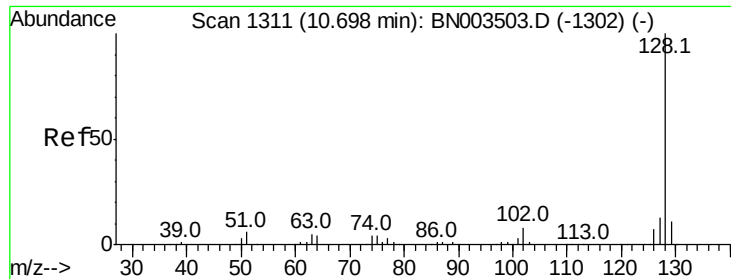
#30
1,2,4-Trichlorobenzene
Concen: 39.868 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	115.0
145	29.0	23.9	35.9



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

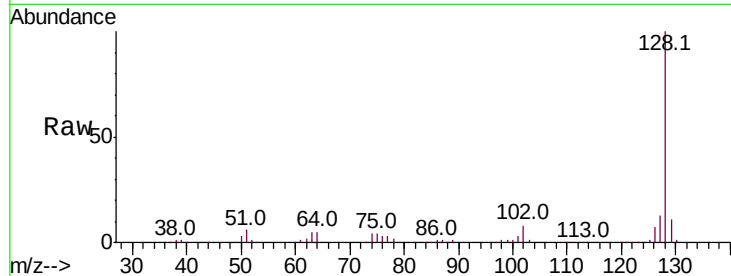




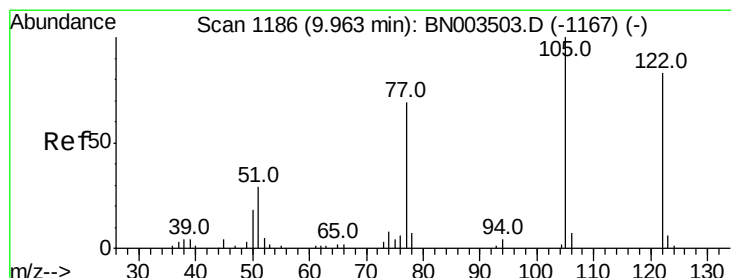
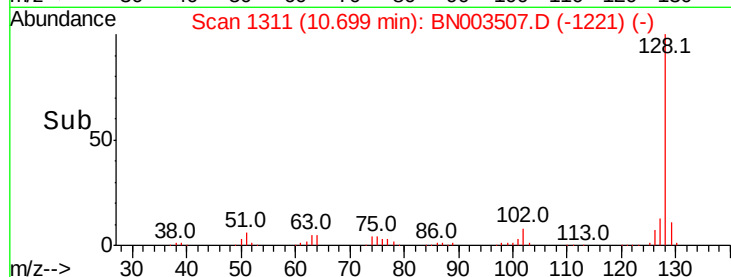
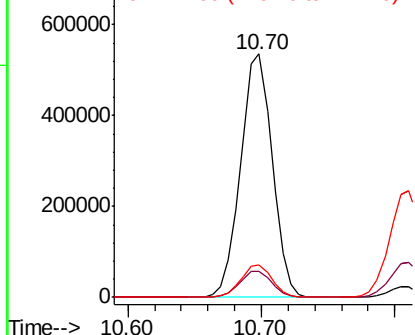
#31
Naphthalene
Concen: 39.783 ng
RT: 10.70 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion:128 Resp: 877322
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 15.8

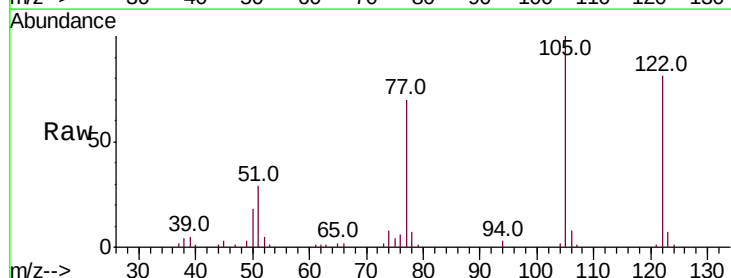


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

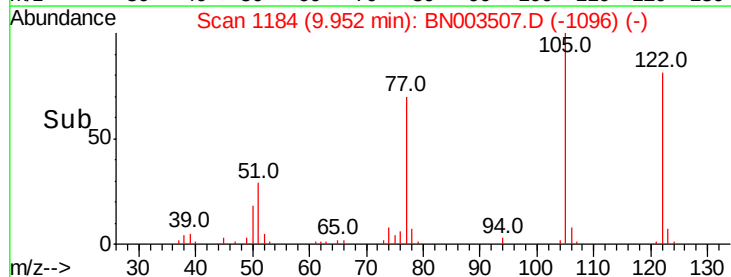
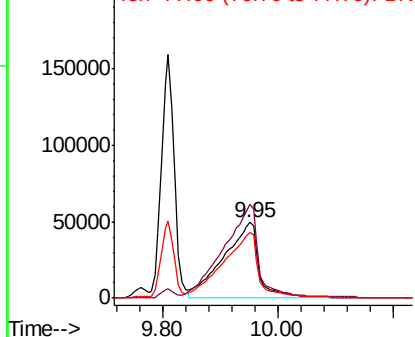


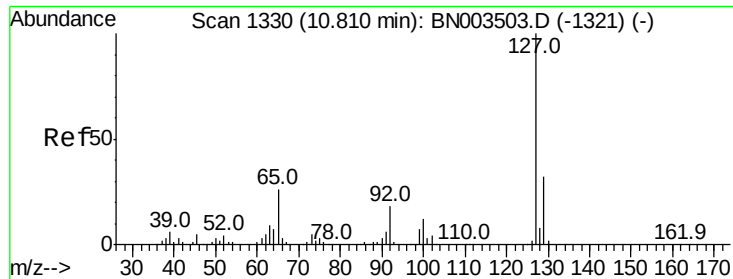
#32
Benzoic acid
Concen: 38.867 ng
RT: 9.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion:122 Resp: 208306
Ion Ratio Lower Upper
122 100
105 123.7 98.4 138.4
77 86.9 62.2 102.2



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

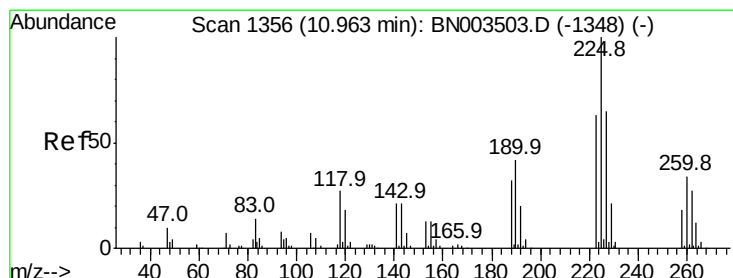
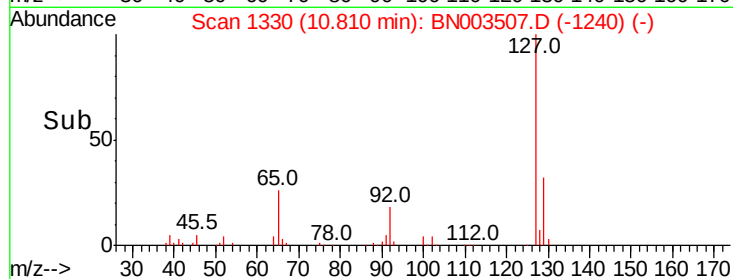
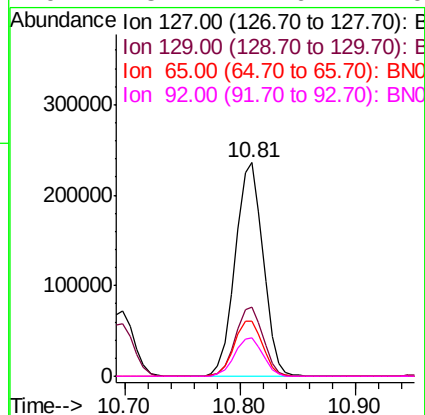
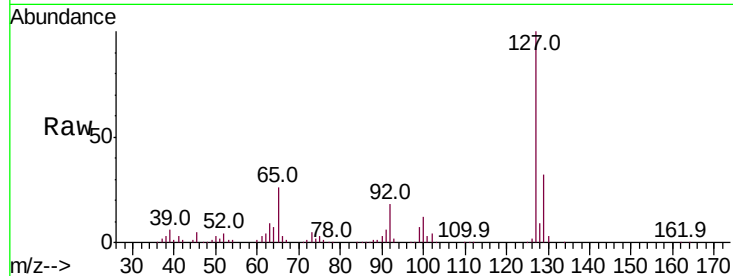




#33
4-Chloroaniline
Concen: 40.117 ng
RT: 10.81 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

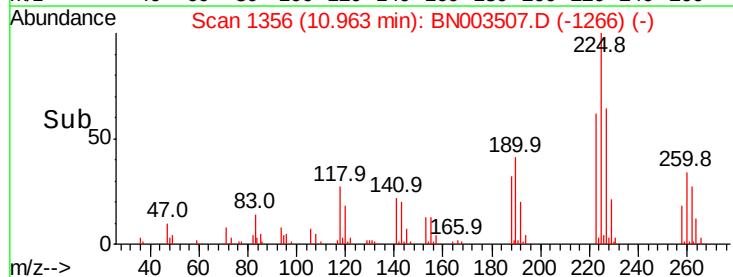
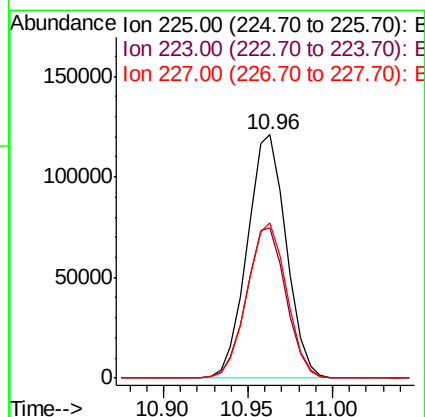
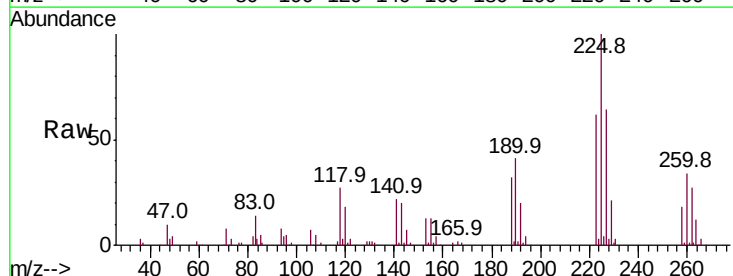
Instrument :
BNA_N
ClientSampleId :
ICVBN111218

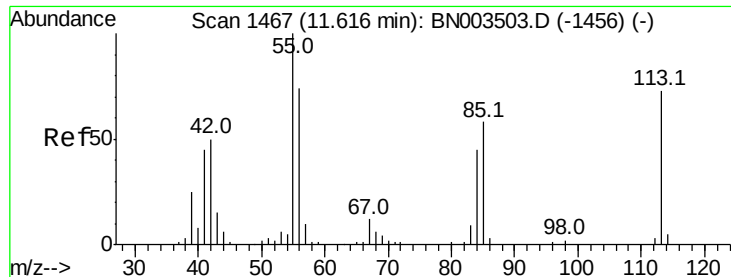
Tot Ion:	127	Resp:	394729
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	26.0	21.2	31.8
92	18.2	14.6	22.0



#34
Hexachlorobutadiene
Concen: 40.203 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion:	225	Resp:	193770
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	63.8	52.0	78.0





#35

Caprolactam

Concen: 40.016 ng

RT: 11.61 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

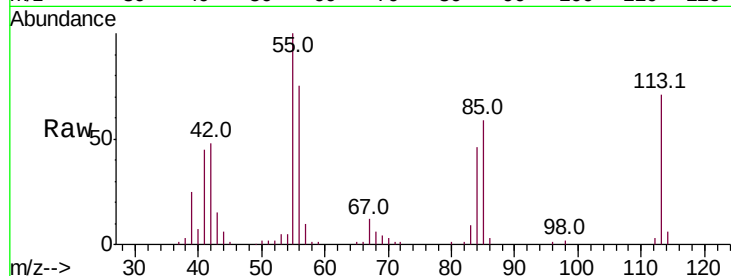
Tot Ion:113 Resp: 99649

Ion Ratio Lower Upper

113 100

55 141.3 117.0 157.0

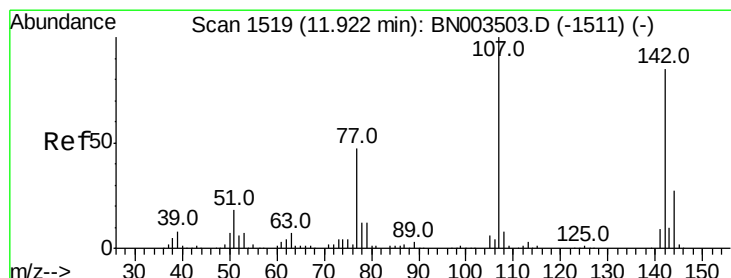
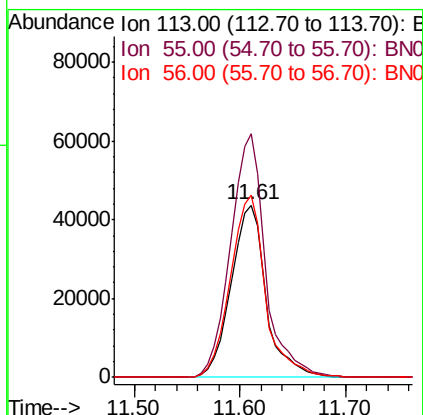
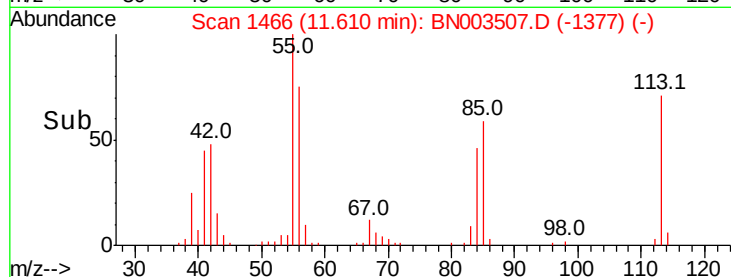
56 105.9 82.0 122.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 39.921 ng

RT: 11.92 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

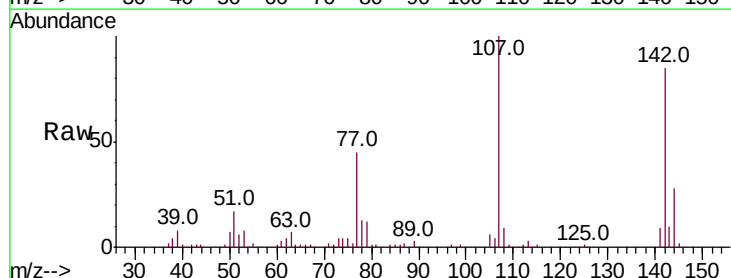
Tgt Ion:107 Resp: 298644

Ion Ratio Lower Upper

107 100

144 27.8 22.0 33.0

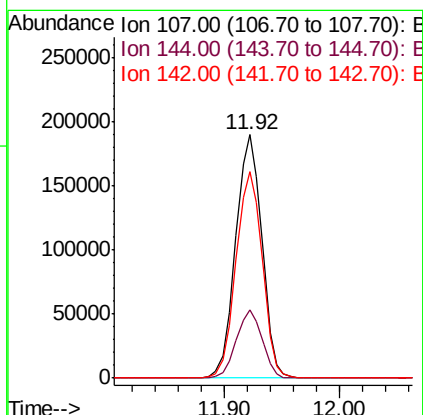
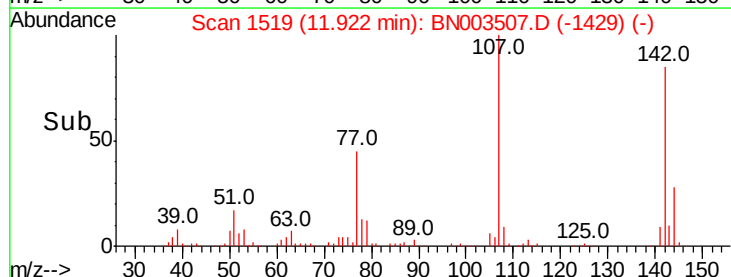
142 84.7 68.0 102.0

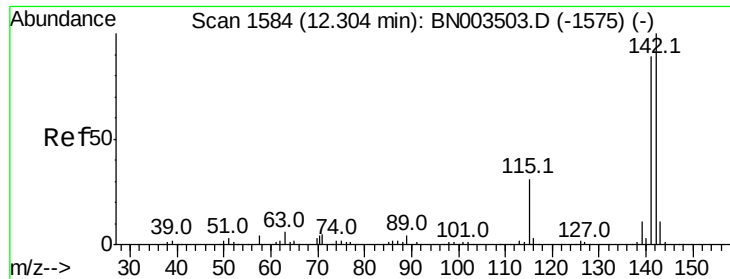


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

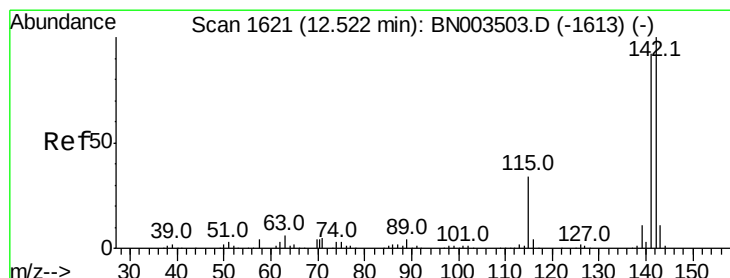
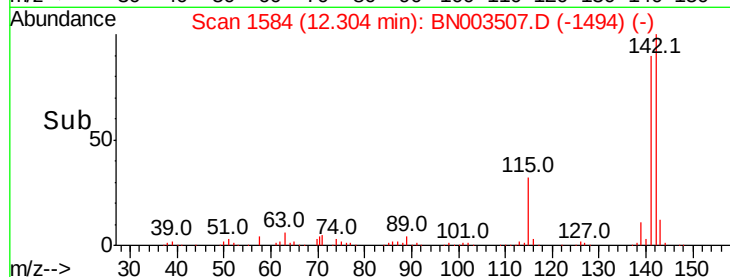
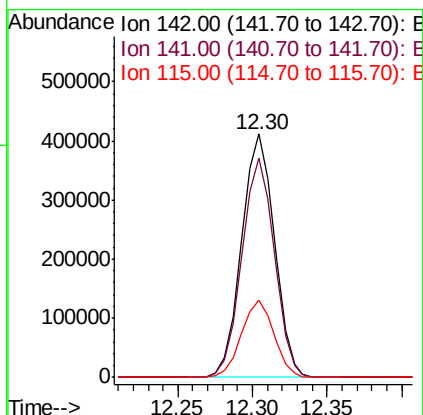
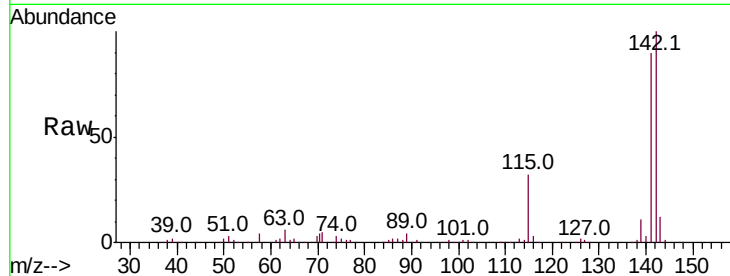




#37
 2-Methylnaphthalene
 Concen: 39.743 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

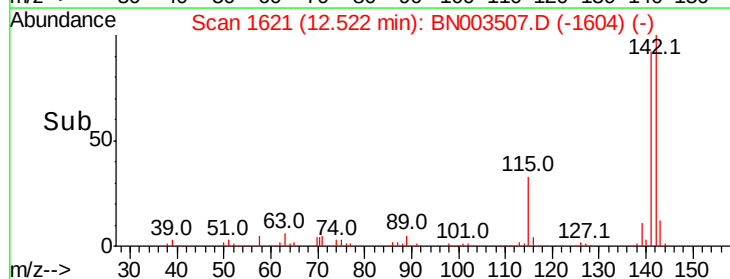
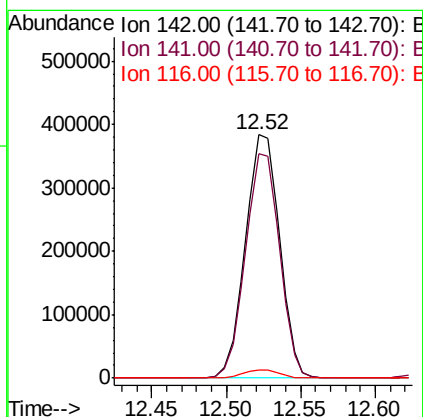
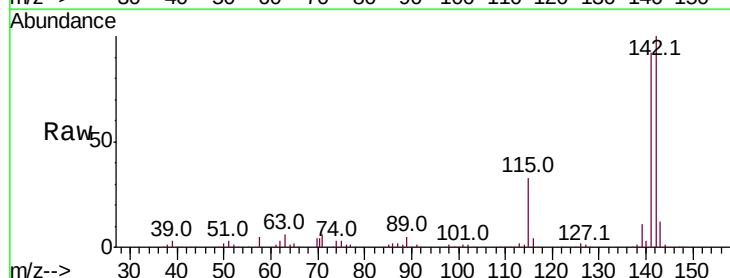
Instrument :
 BNA_N
 ClientSampled :
 ICVBN111218

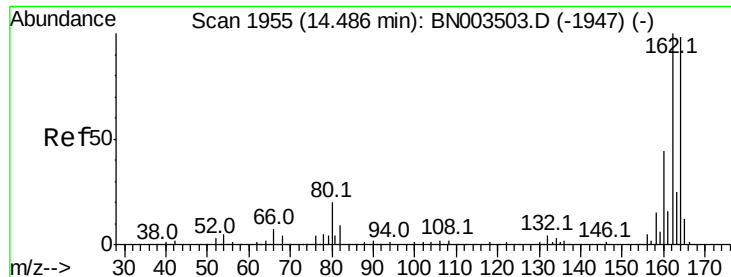
Tot Ion:142 Resp: 625953
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 31.7 25.1 37.7



#38
 1-Methylnaphthalene
 Concen: 39.756 ng
 RT: 12.52 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:142 Resp: 606485
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.9 110.9
 116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

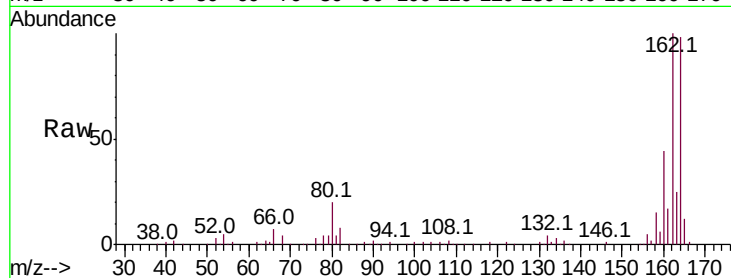
Tot Ion:164 Resp: 266335

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

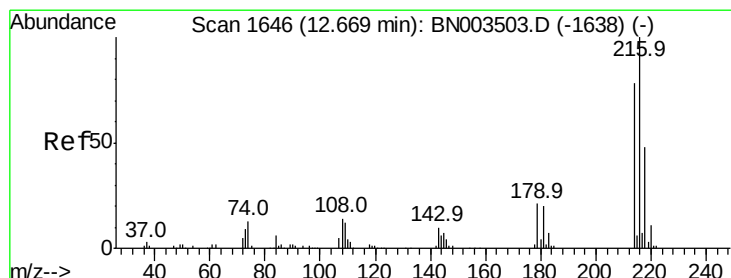
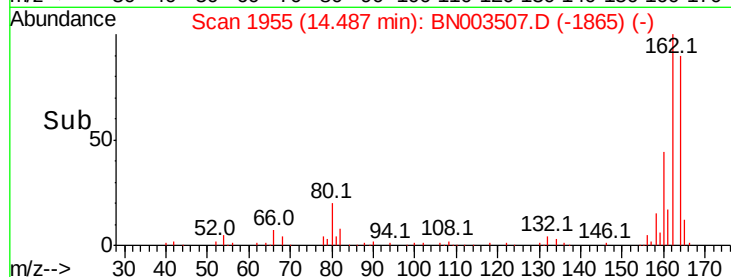
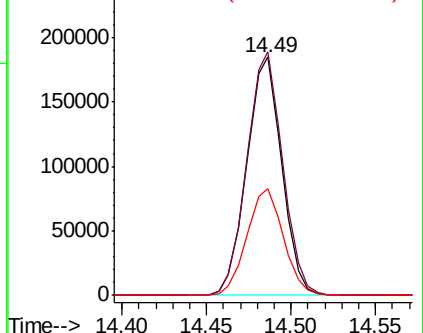
160 44.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.859 ng

RT: 12.67 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Tgt Ion:216 Resp: 381598

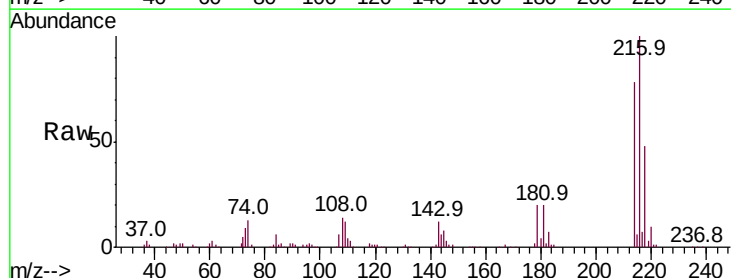
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.5 16.5 24.7

108 16.2 12.8 19.2

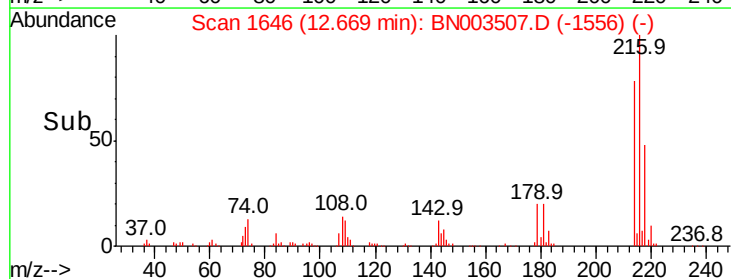
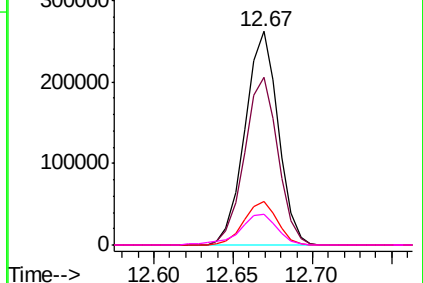


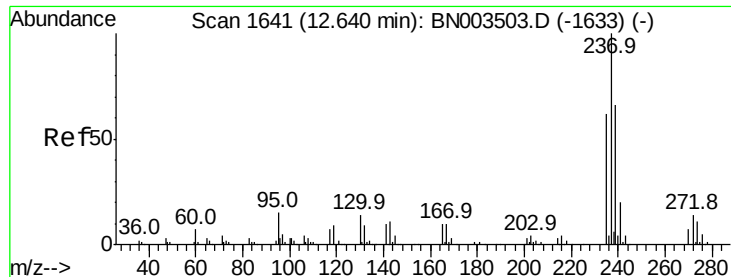
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.672 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

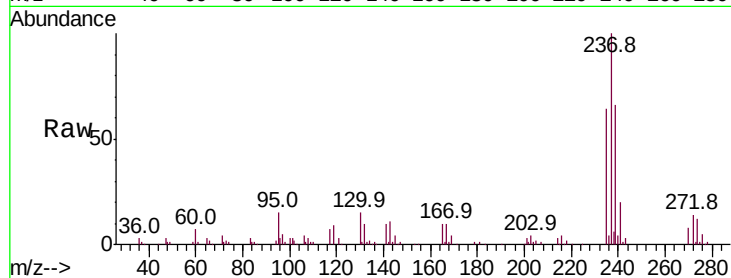
Tot Ion:237 Resp: 189660

Ion Ratio Lower Upper

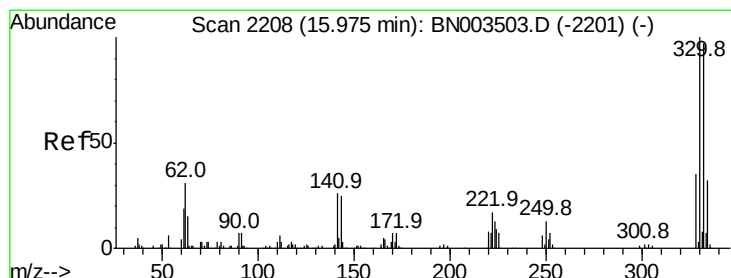
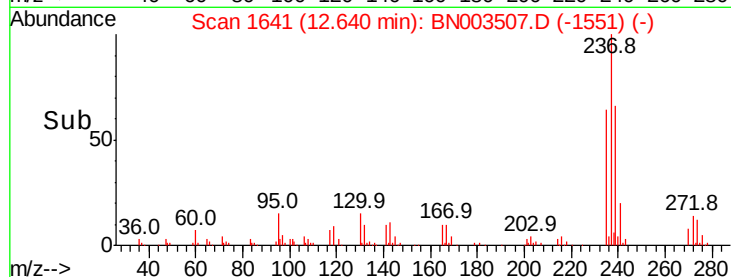
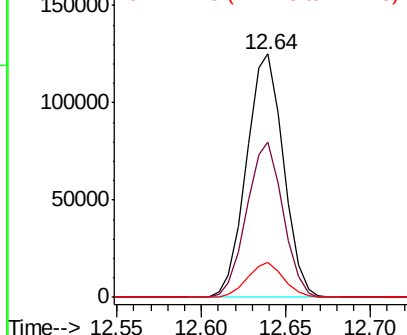
237 100

235 63.8 41.8 81.8

272 14.5 0.0 34.1



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: 82.168 ng

RT: 15.97 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

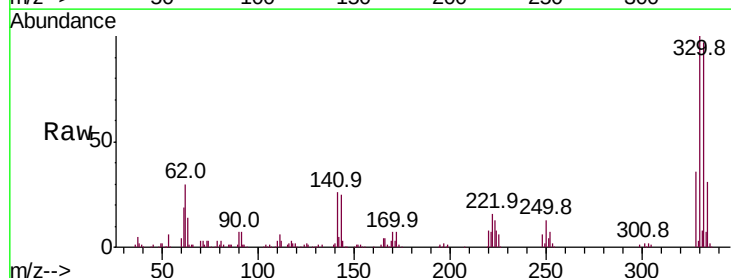
Tgt Ion:330 Resp: 326237

Ion Ratio Lower Upper

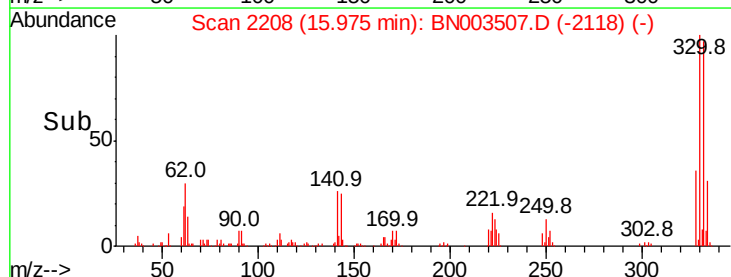
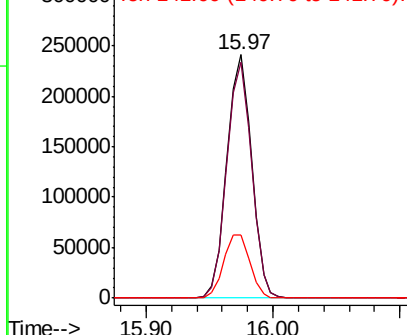
330 100

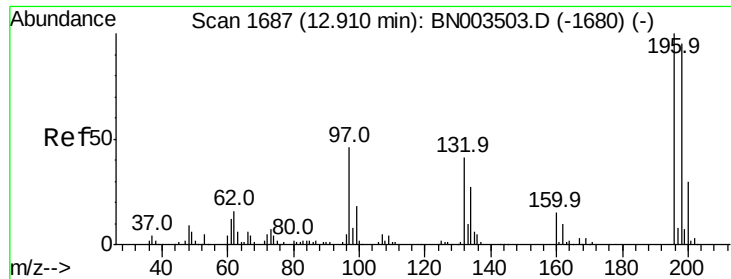
332 97.3 76.8 115.2

141 27.6 21.6 32.4



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

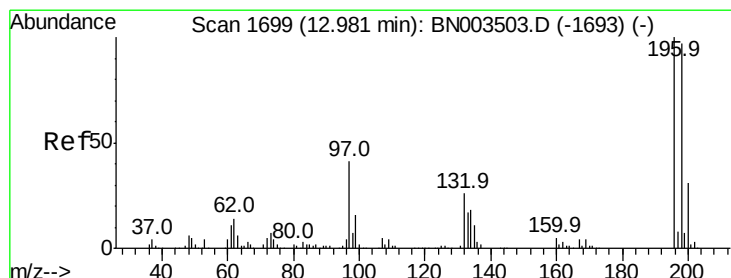
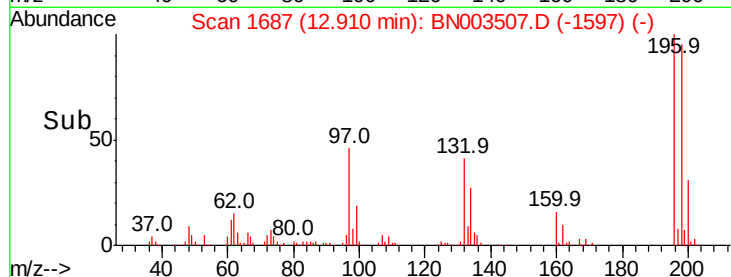
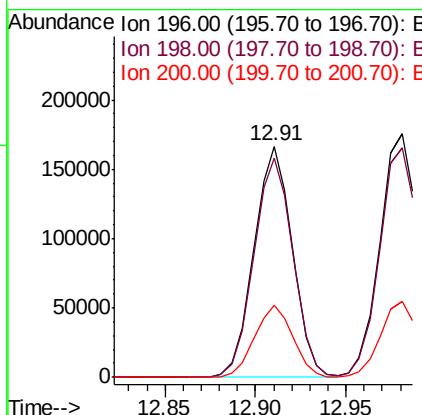
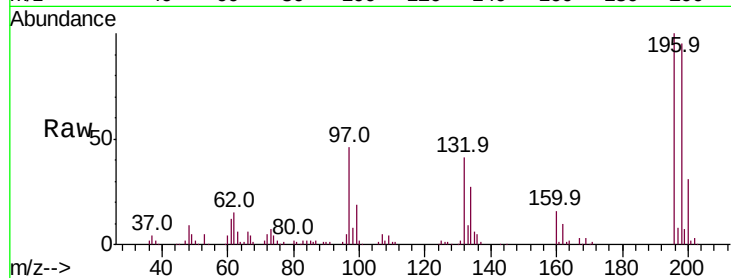




#43
 2,4,6-Trichlorophenol
 Concen: 41.253 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

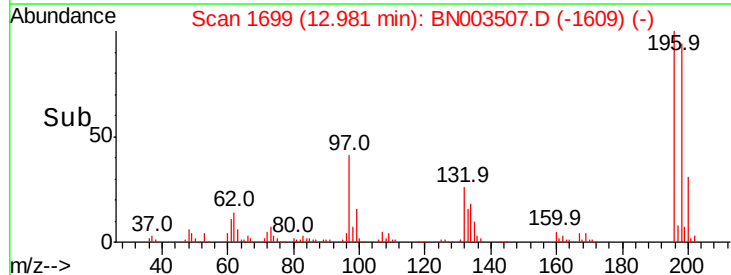
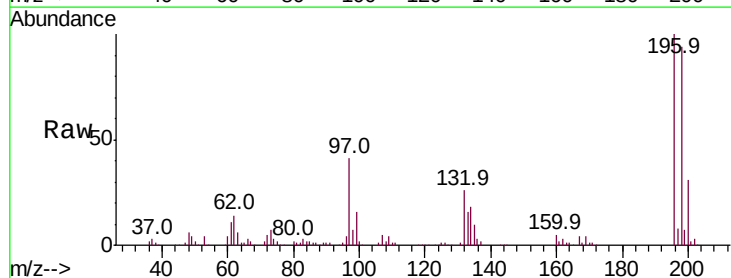
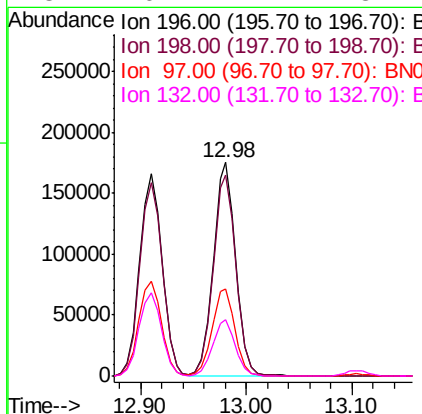
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

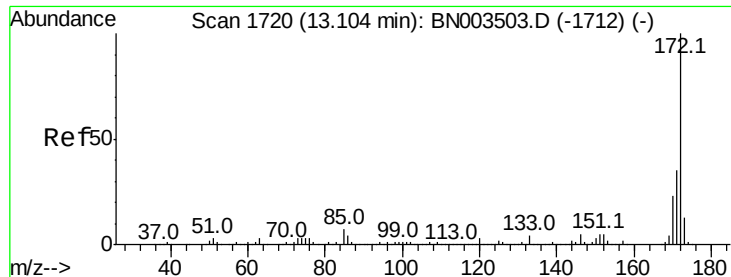
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.1	114.1
200	31.1	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.194 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.6	116.4
97	40.7	33.0	49.4
132	26.2	21.1	31.7



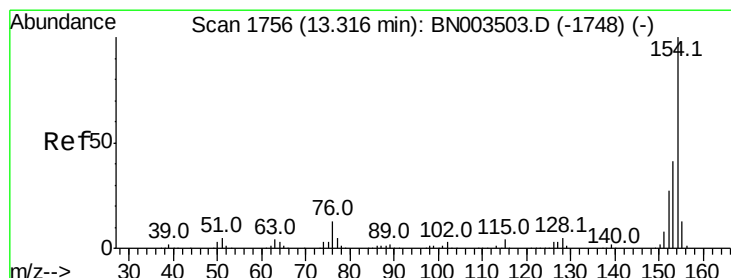
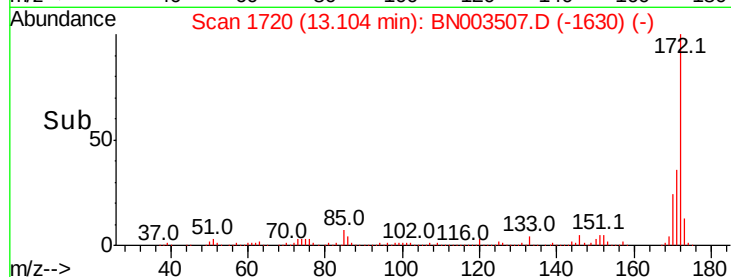
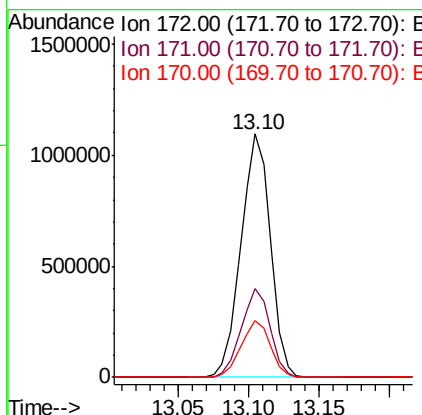
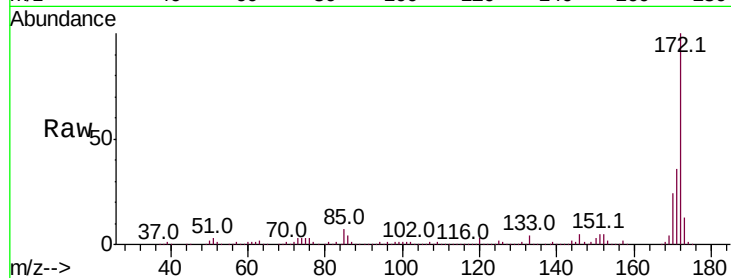


#45
 2-Fluorobiphenyl
 Concen: 80.021 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Instrument :
 BNA_N
 ClientSampled :
 ICVBN111218

Tot Ion:172 Resp: 1596738

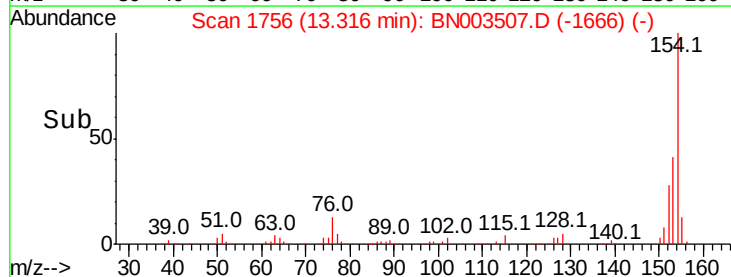
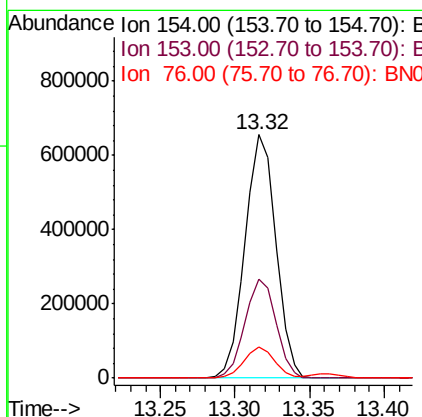
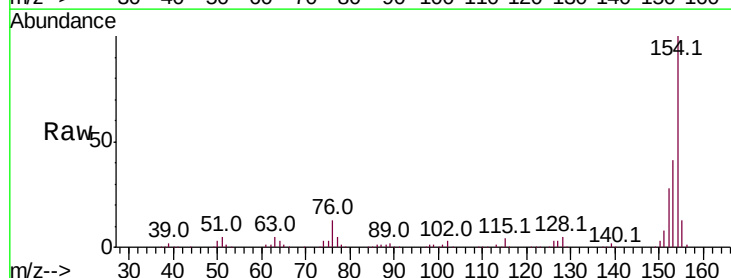
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	23.5	18.7	28.1

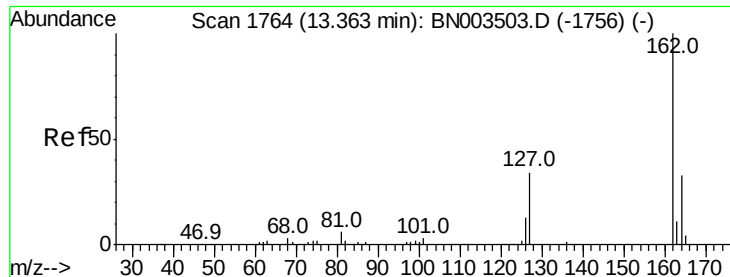


#46
 1,1'-Biphenyl
 Concen: 39.713 ng
 RT: 13.32 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:154 Resp: 936779

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.7	0.0	32.5

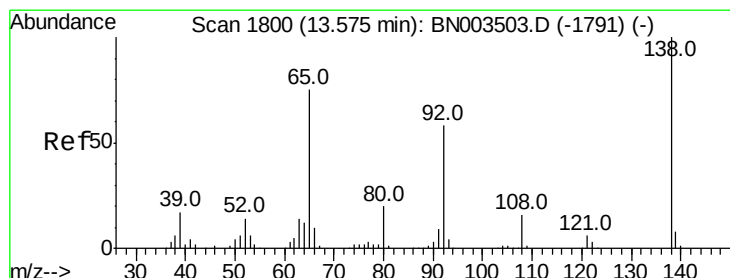
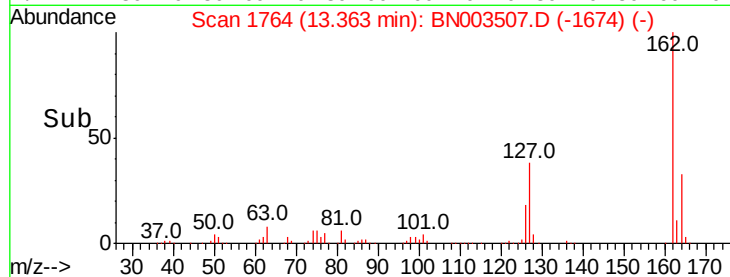
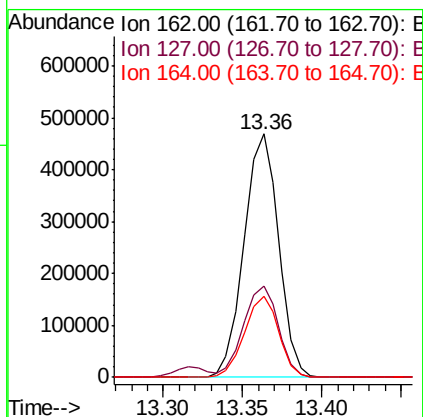
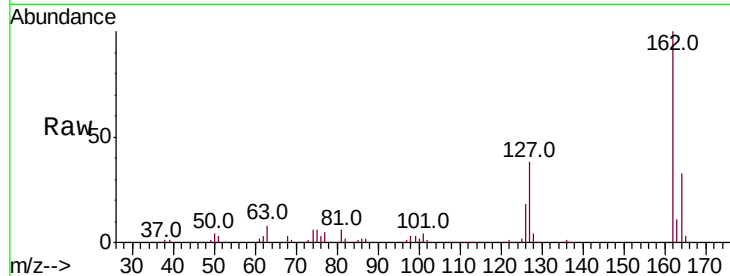




#47
 2-Chloronaphthalene
 Concen: 40.050 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

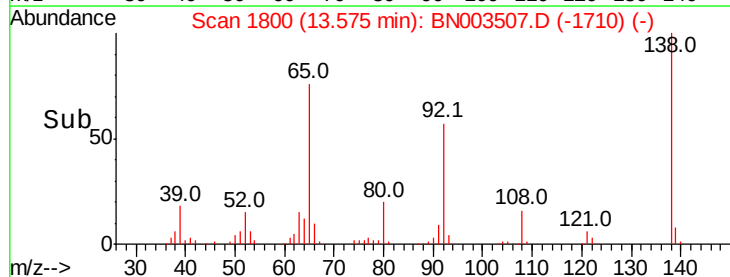
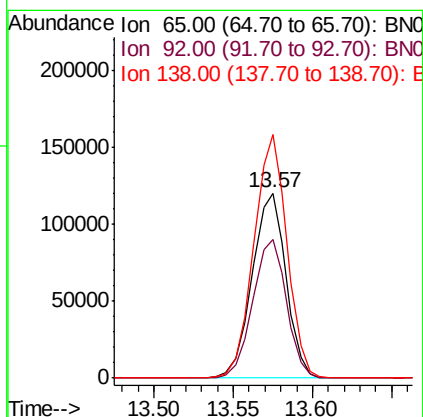
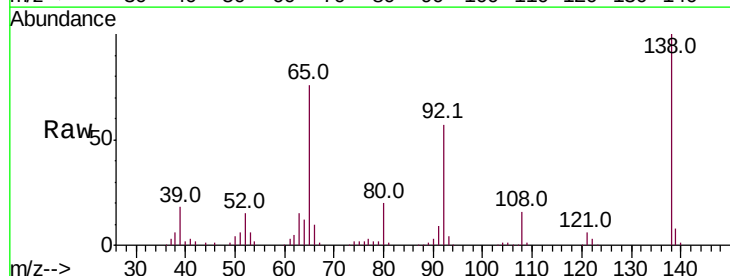
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

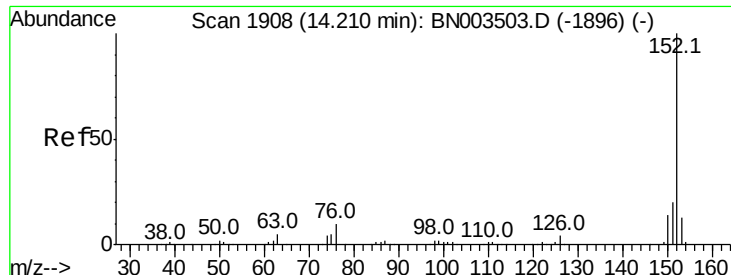
Tot Ion:162 Resp: 710811
 Ion Ratio Lower Upper
 162 100
 127 37.7 30.7 46.1
 164 33.1 26.1 39.1



#48
 2-Nitroaniline
 Concen: 40.409 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion: 65 Resp: 178692
 Ion Ratio Lower Upper
 65 100
 92 75.1 61.4 92.0
 138 131.8 106.8 160.2





#49

Acenaphthylene

Concen: 40.376 ng

RT: 14.21 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

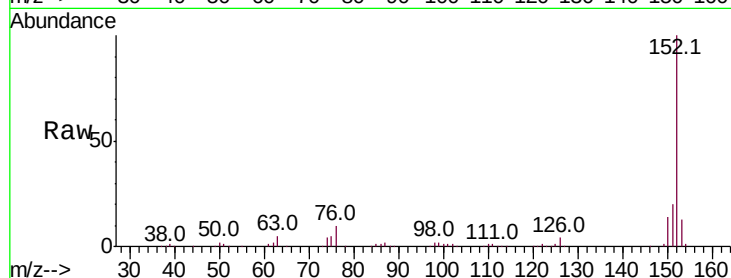
BNA_N

ClientSampleId :

ICVBN111218

Tot Ion:152 Resp: 1057150

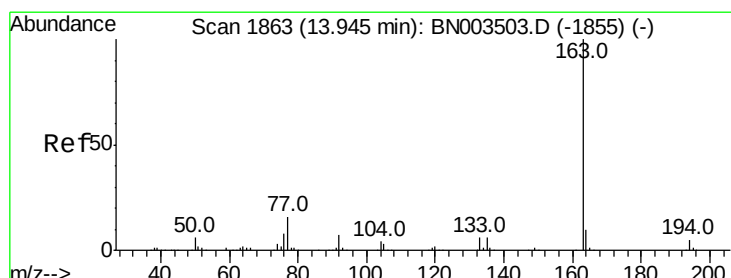
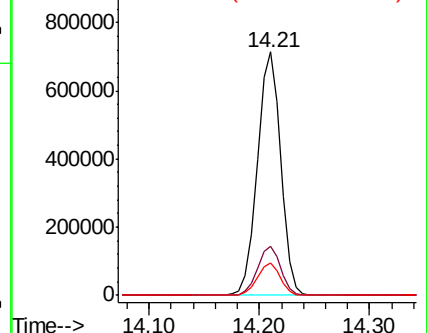
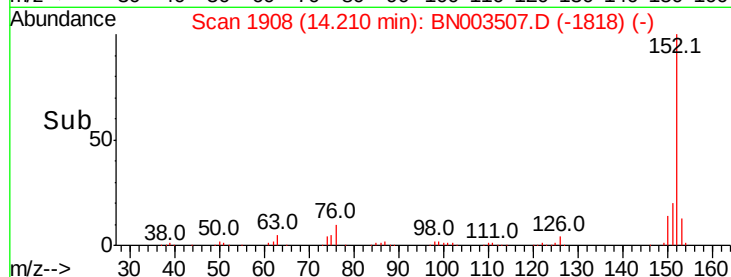
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.1	10.7	16.1



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: 40.632 ng

RT: 13.95 min Scan# 1863

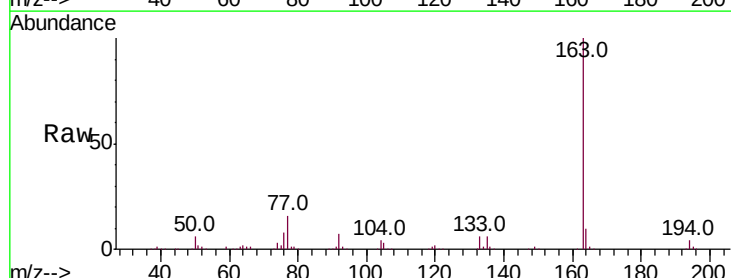
Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Tgt Ion:163 Resp: 847769

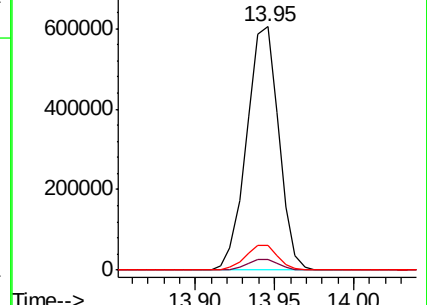
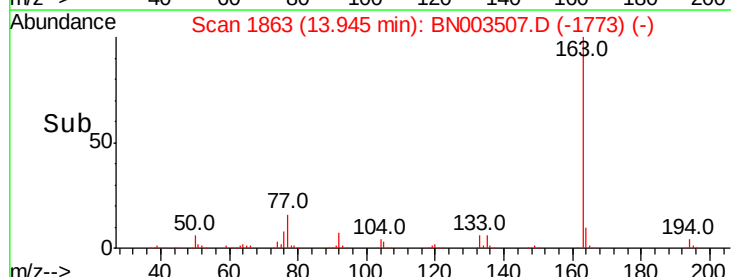
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.9	7.9	11.9

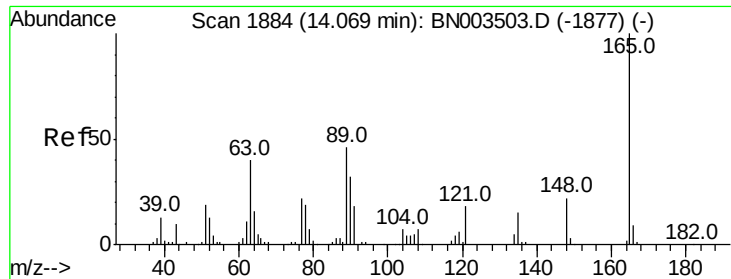


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.210 ng

RT: 14.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

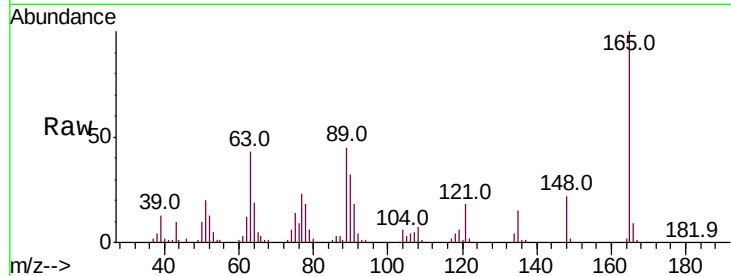
Tot Ion:165 Resp: 195827

Ion Ratio Lower Upper

165 100

63 43.0 34.3 51.5

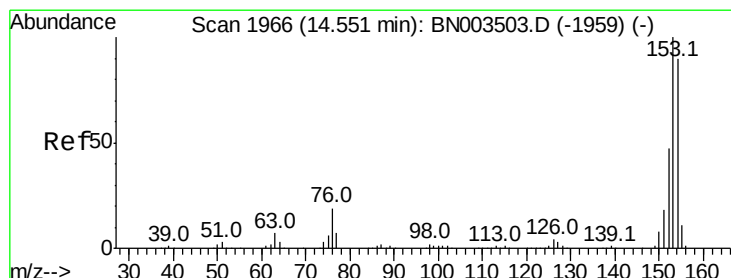
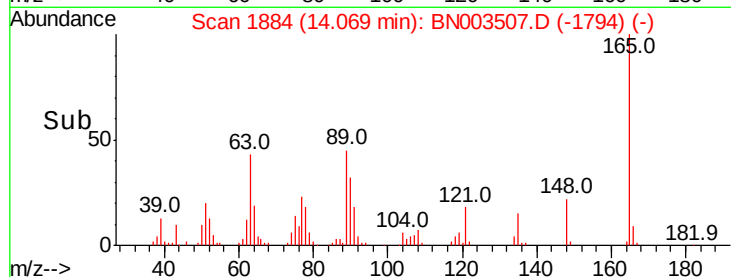
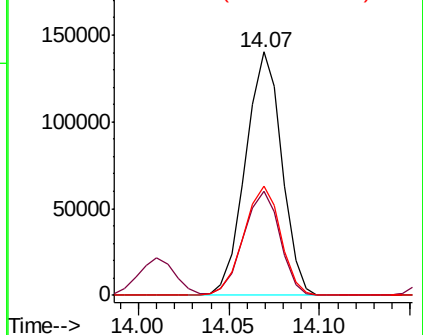
89 45.1 36.7 55.1



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: 39.689 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

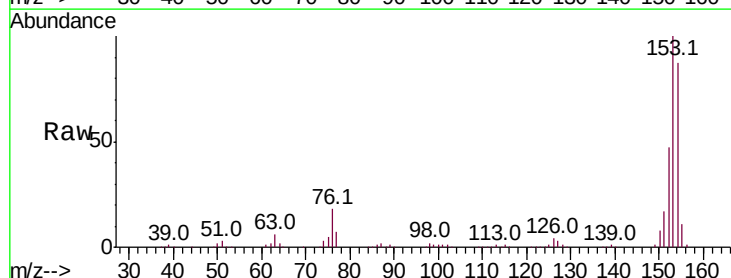
Tgt Ion:154 Resp: 630240

Ion Ratio Lower Upper

154 100

153 115.0 88.9 133.3

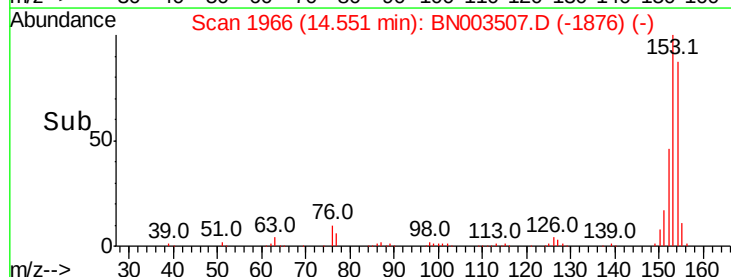
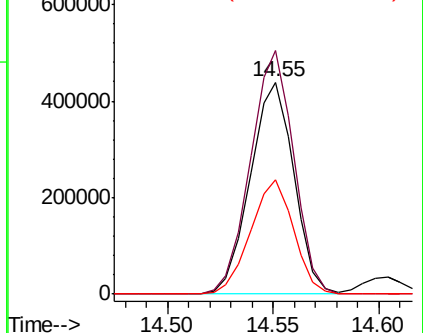
152 53.8 42.1 63.1

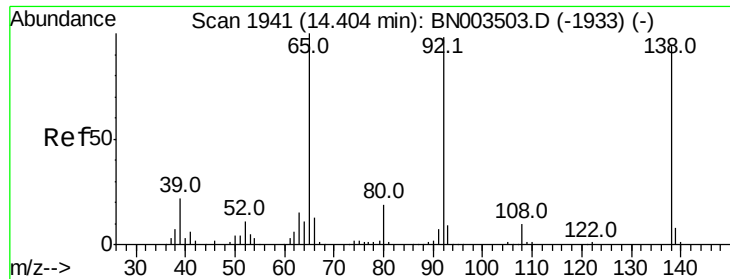


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.949 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

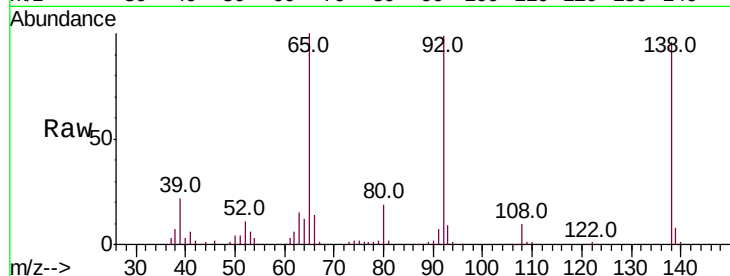
Tot Ion:138 Resp: 207998

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

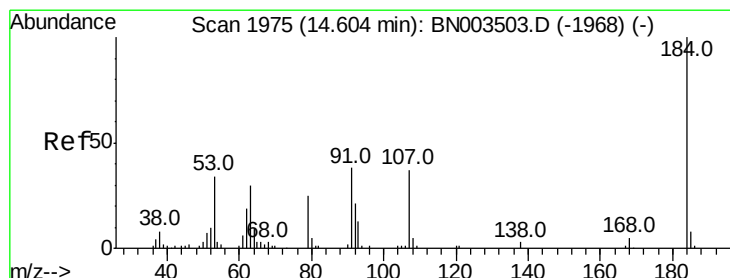
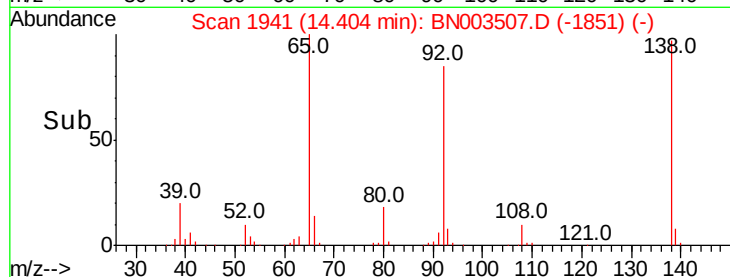
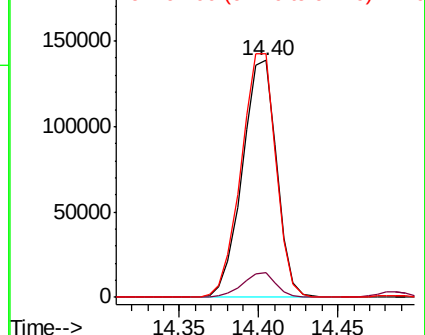
92 102.8 83.5 125.3



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: 38.734 ng

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

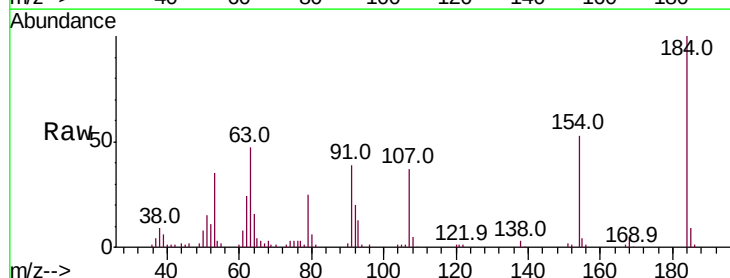
Tgt Ion:184 Resp: 91795

Ion Ratio Lower Upper

184 100

63 47.2 37.8 56.8

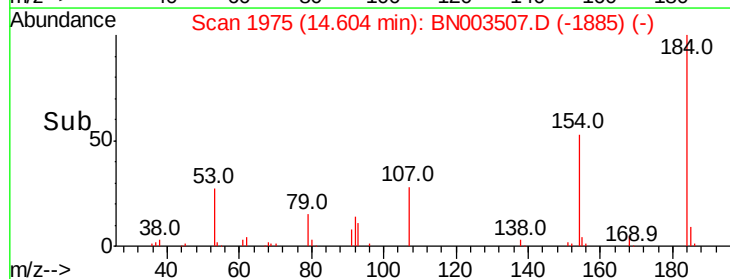
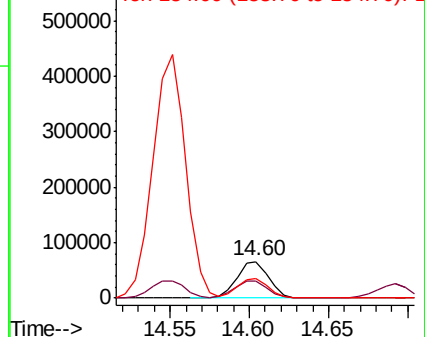
154 52.6 41.9 62.9

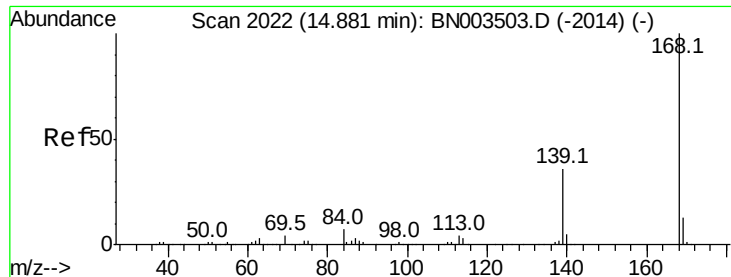


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

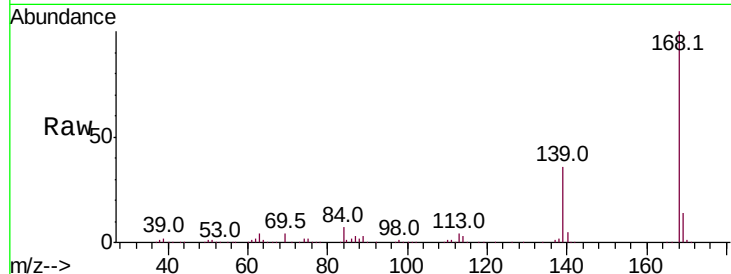




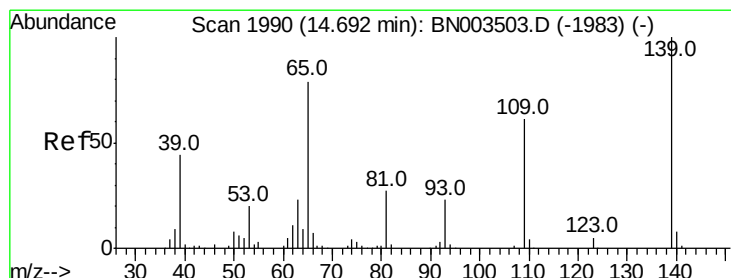
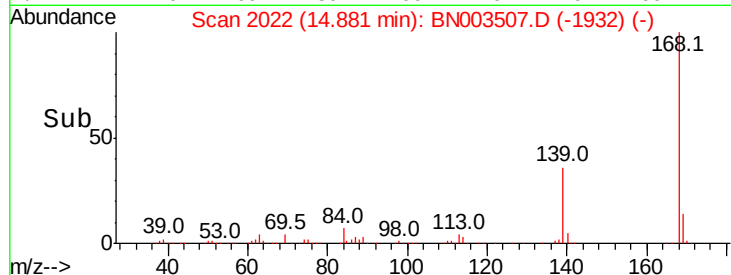
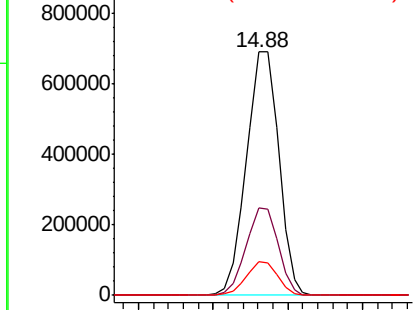
#55
Dibenzenofuran
Concen: 39.710 ng
RT: 14.88 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion:168 Resp: 1038731
Ion Ratio Lower Upper
168 100
139 36.1 28.7 43.1
169 13.7 10.8 16.2

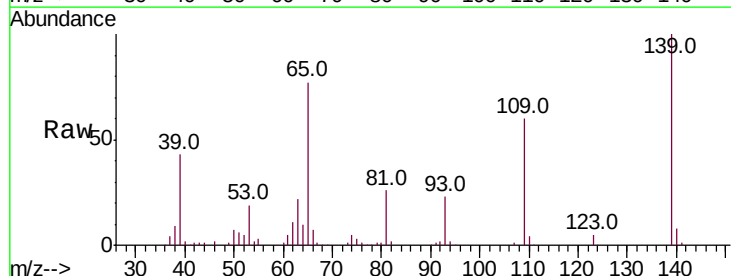


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

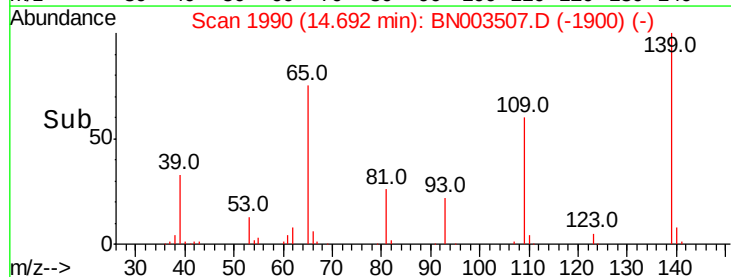
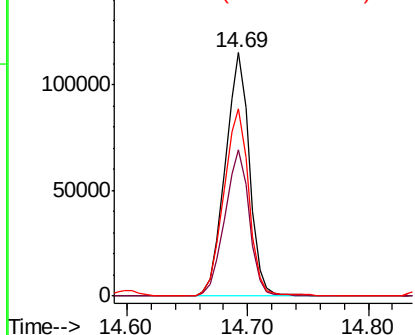


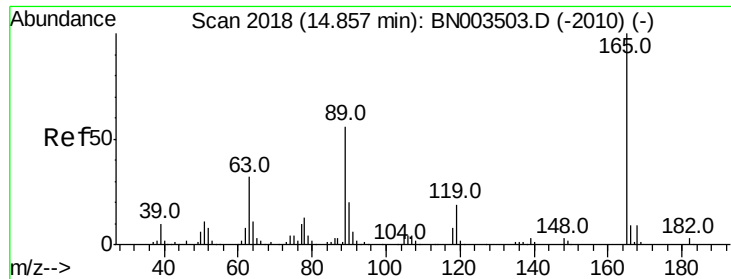
#56
4-Nitrophenol
Concen: 40.291 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion:139 Resp: 160280
Ion Ratio Lower Upper
139 100
109 59.9 40.9 80.9
65 76.8 59.4 99.4



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

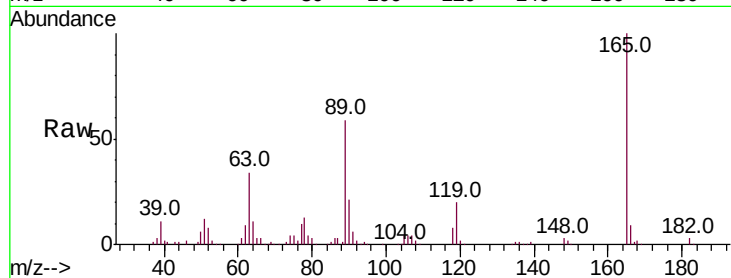




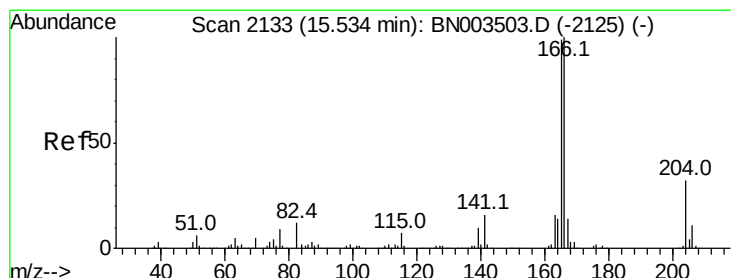
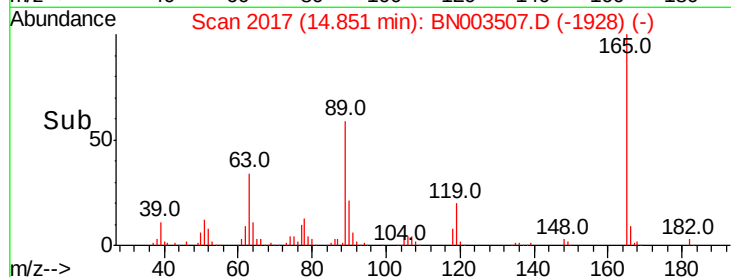
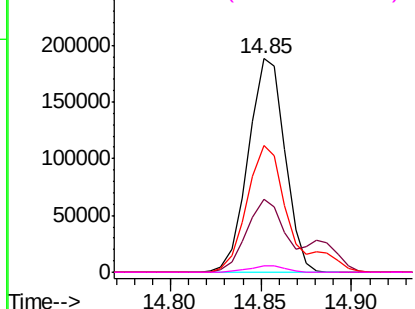
#57
 2,4-Dinitrotoluene
 Concen: 40.140 ng
 RT: 14.85 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

Tot Ion:165	Resp: 264233
Ion Ratio	Lower Upper
165 100	
63 34.4	25.4 38.2
89 59.2	44.7 67.1
182 3.2	2.6 3.8

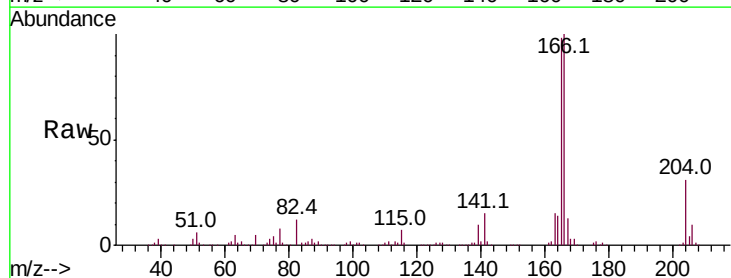


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

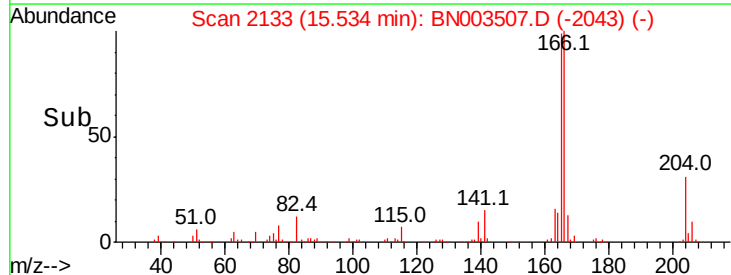
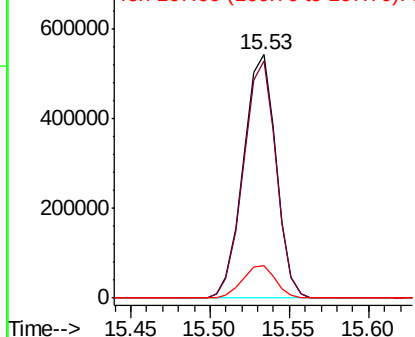


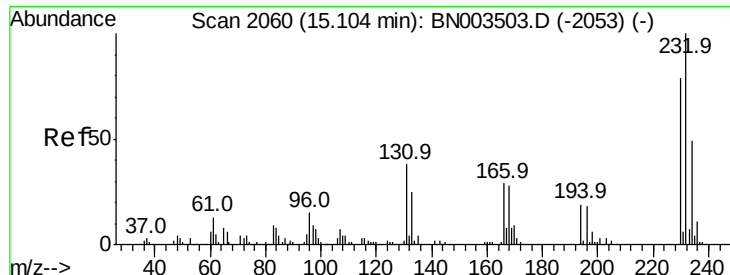
#58
 Fluorene
 Concen: 40.225 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt	Ion:166	Resp:	777494
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.4	11.0	16.4



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

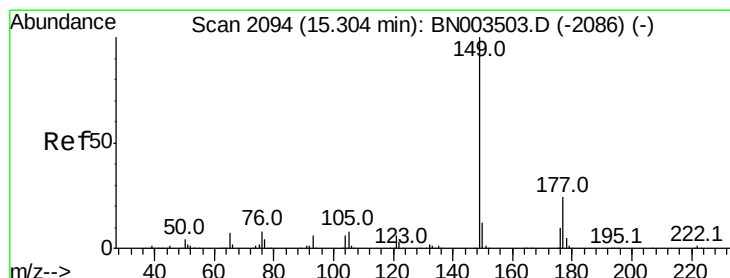
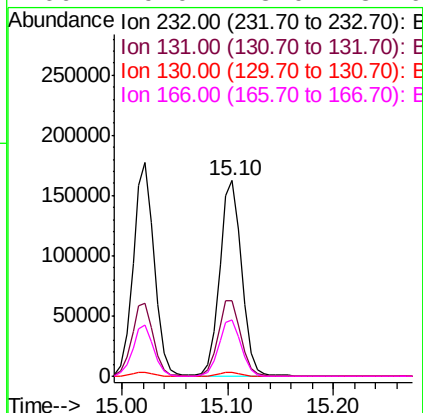
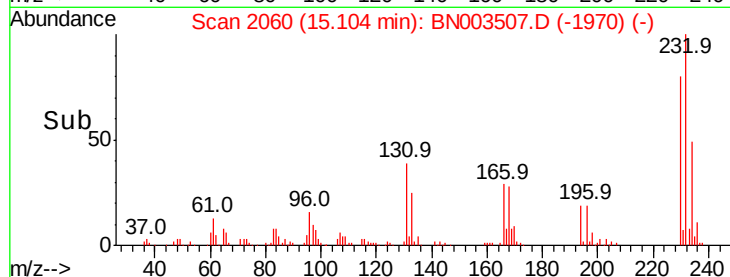
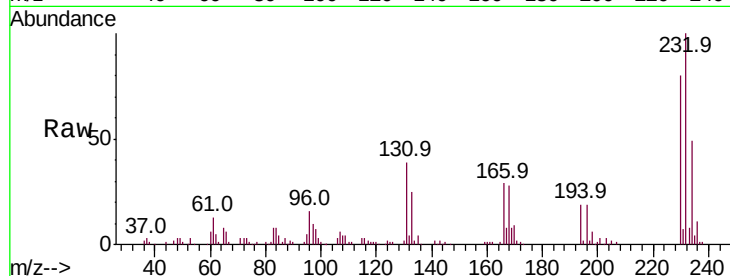




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.222 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

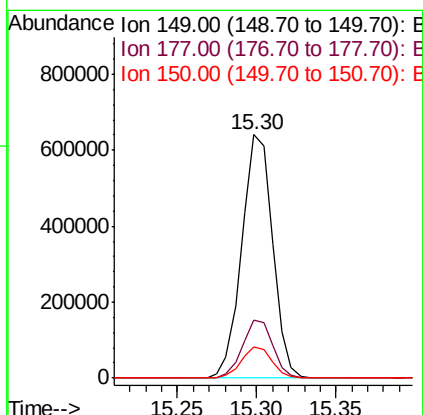
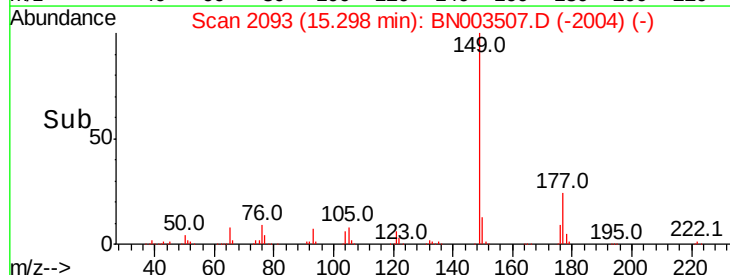
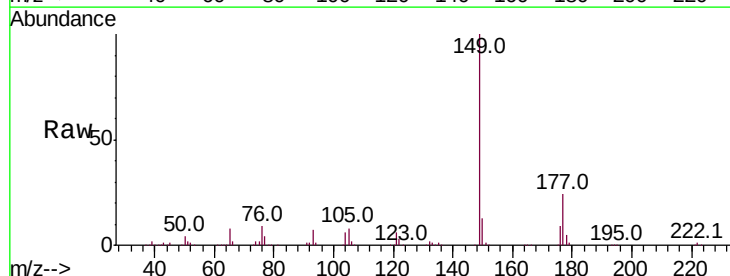
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

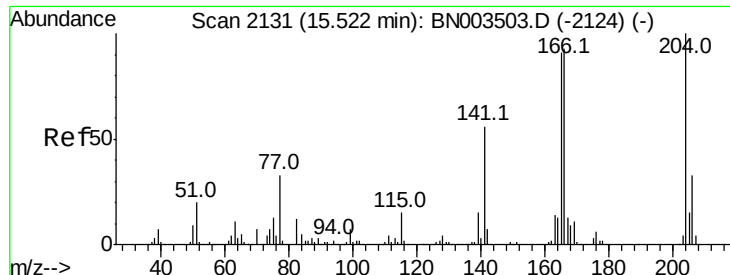
Tot Ion:	232	Resp:	235915
Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.4	47.2
130	1.9	1.5	2.3
166	29.0	23.0	34.6



#60
 Diethylphthalate
 Concen: 39.243 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:	149	Resp:	866323
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	13.0	9.8	14.8

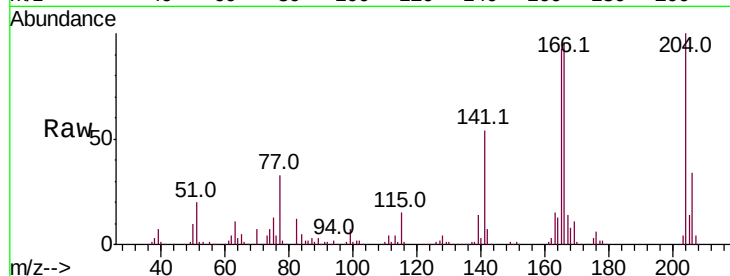




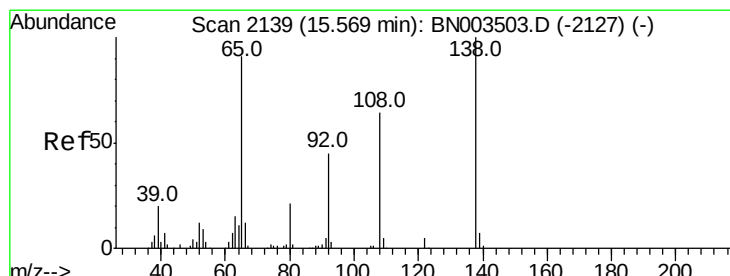
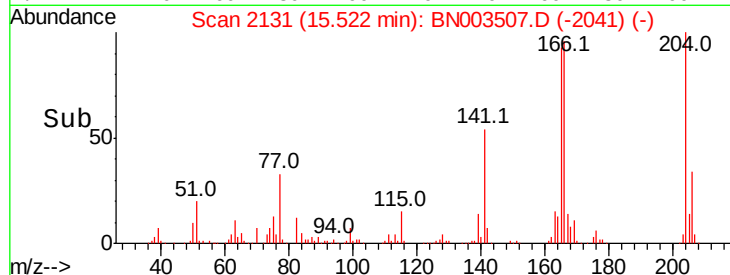
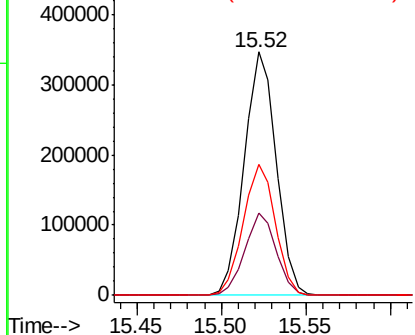
#61
 4-Chlorophenyl-phenylether
 Concen: 40.147 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

Tot Ion:204 Resp: 456834
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.5 39.7
 141 54.0 44.4 66.6

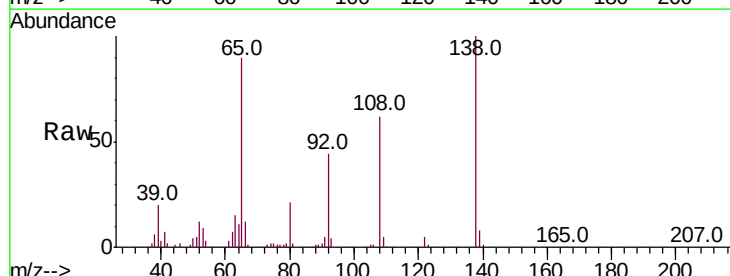


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

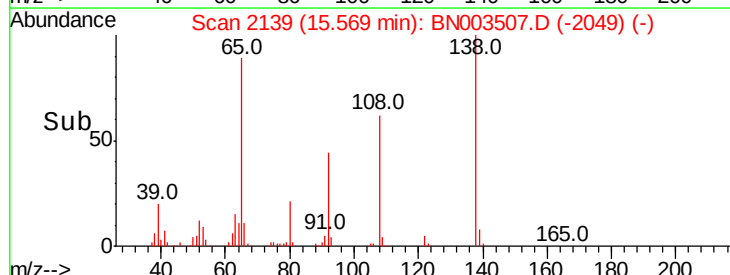
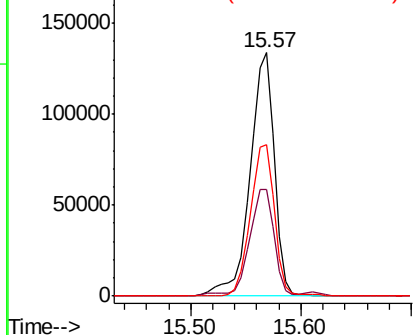


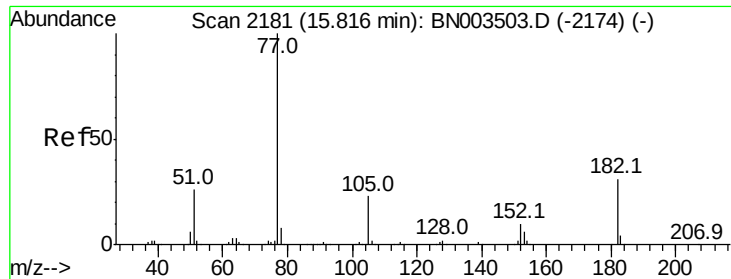
#62
 4-Nitroaniline
 Concen: 39.741 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:138 Resp: 207639
 Ion Ratio Lower Upper
 138 100
 92 43.9 24.7 64.7
 108 62.1 43.9 83.9



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

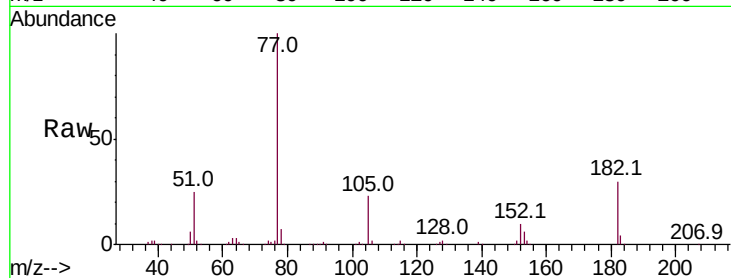




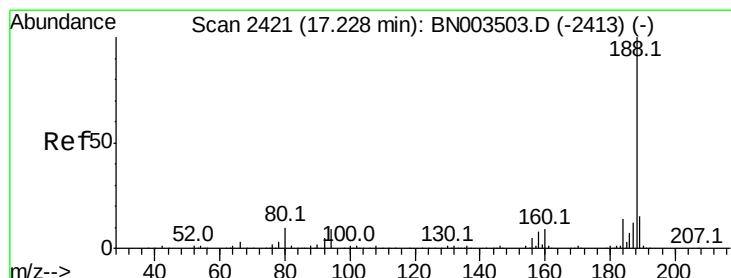
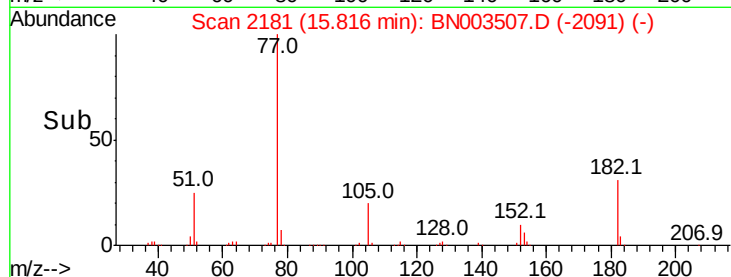
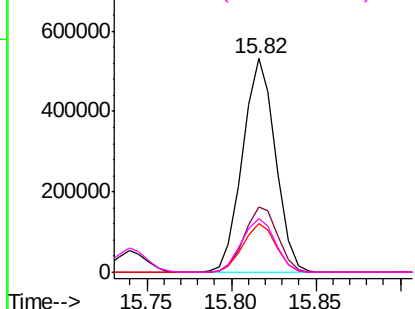
#63
Azobenzene
Concen: 39.979 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion:	77	Resp:	720394
Ion	Ratio	Lower	Upper
77	100		
182	30.3	11.4	51.4
105	23.0	3.2	43.2
51	25.3	5.8	45.8

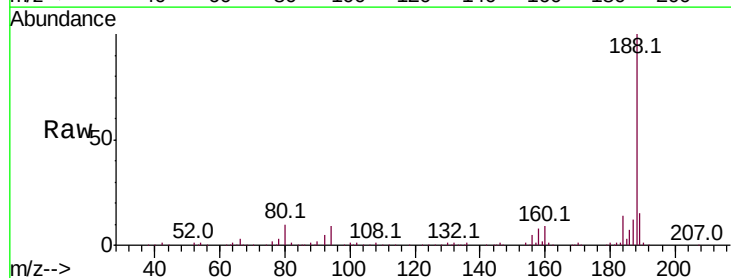


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

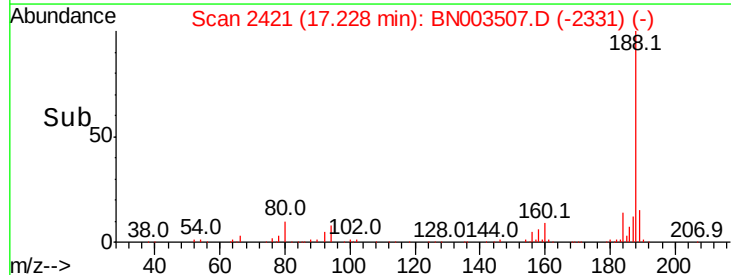
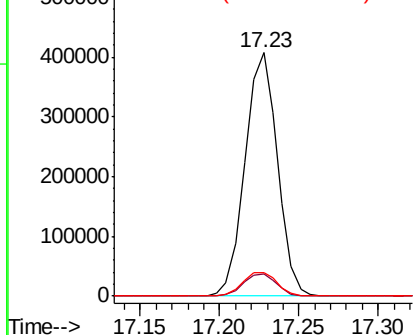


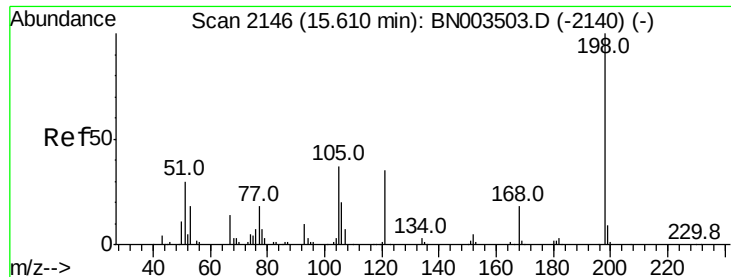
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion:	188	Resp:	577216
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	9.8	8.2	12.2



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

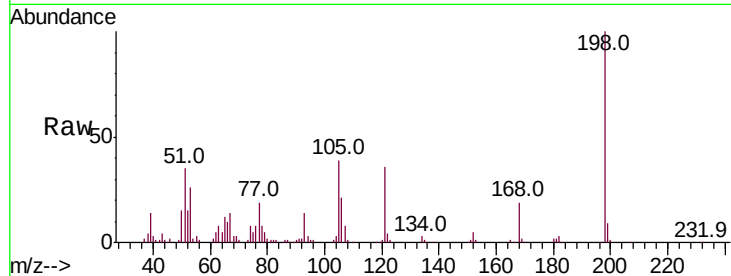




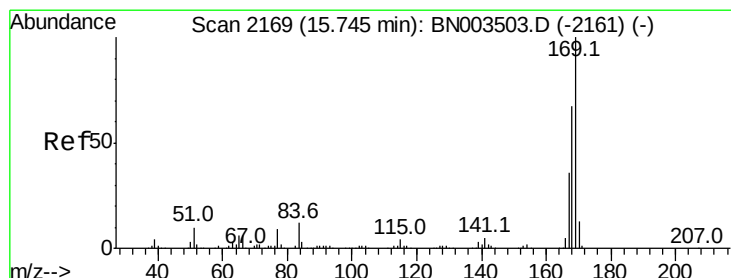
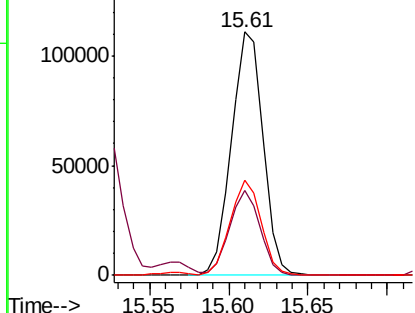
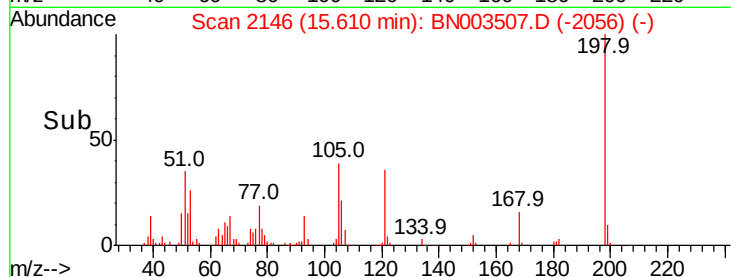
#65
4,6-Dinitro-2-methylphenol
Concen: 39.532 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.6	13.8	53.8
105	38.9	18.3	58.3

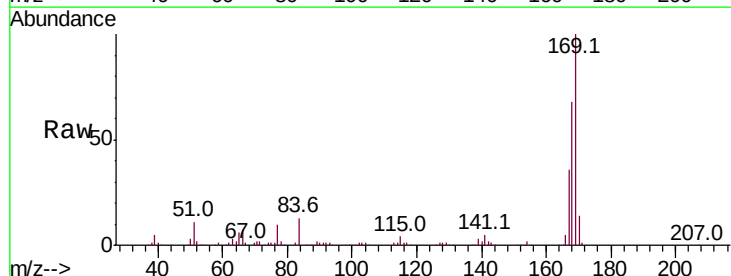


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

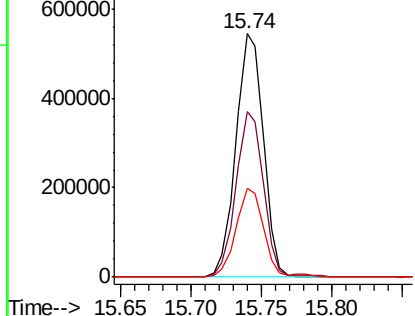
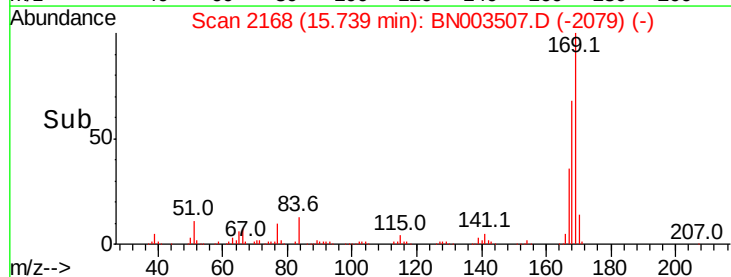


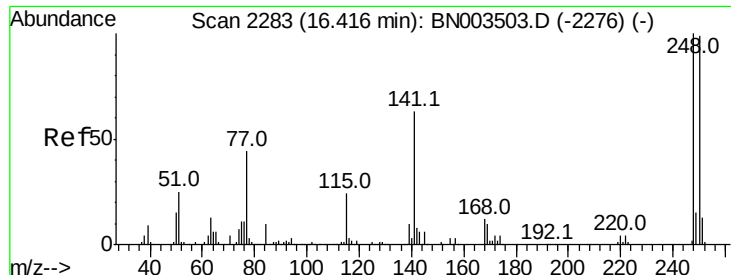
#66
n-Nitrosodiphenylamine
Concen: 40.431 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.0	81.0
167	36.3	29.0	43.4



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

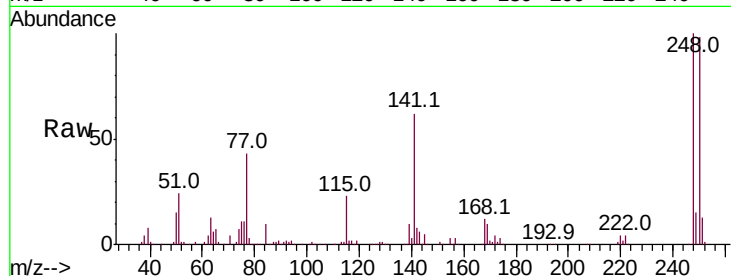




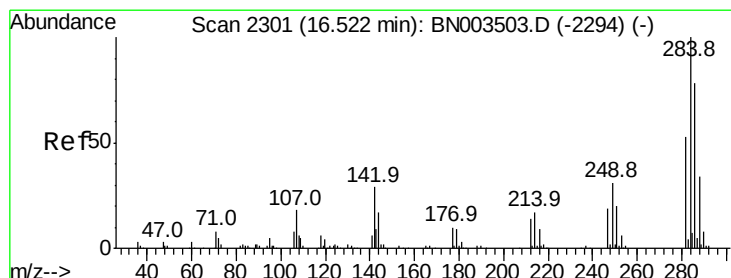
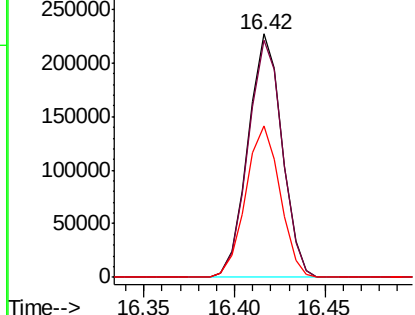
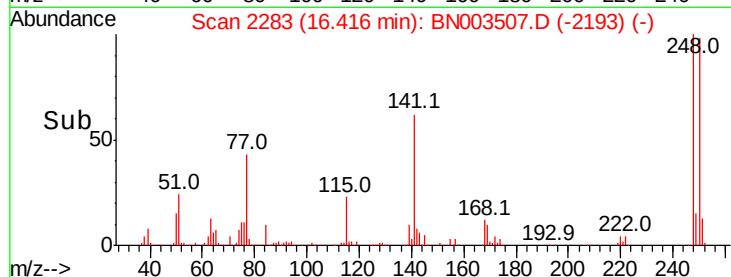
#67
 4-Bromophenyl-phenylether
 Concen: 40.701 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

Tot Ion:248 Resp: 296333
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.0 118.6
 141 62.0 50.7 76.1

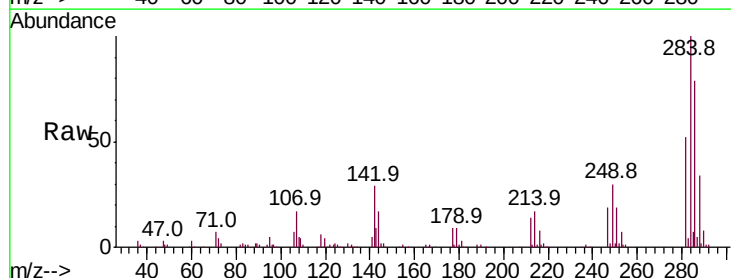


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

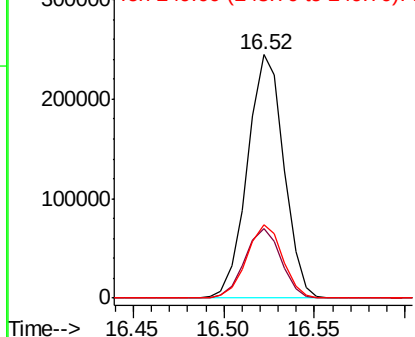
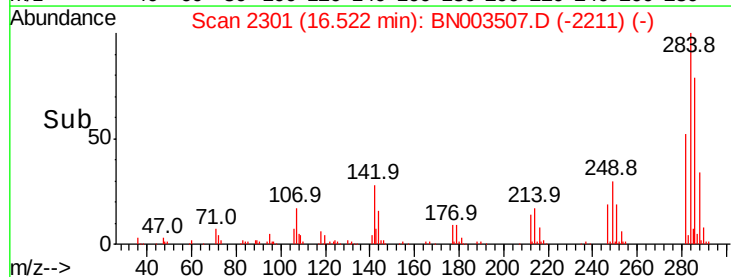


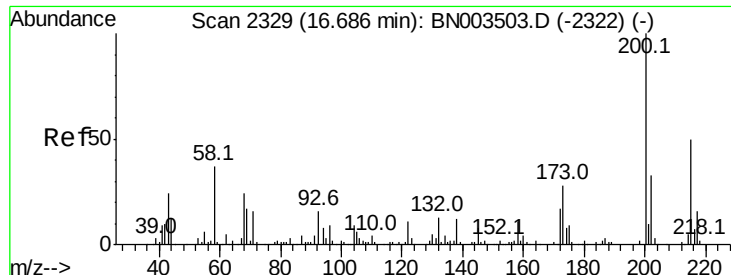
#68
 Hexachlorobenzene
 Concen: 40.240 ng
 RT: 16.52 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:284 Resp: 340985
 Ion Ratio Lower Upper
 284 100
 142 28.6 23.6 35.4
 249 30.2 24.7 37.1



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: 39.830 ng

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

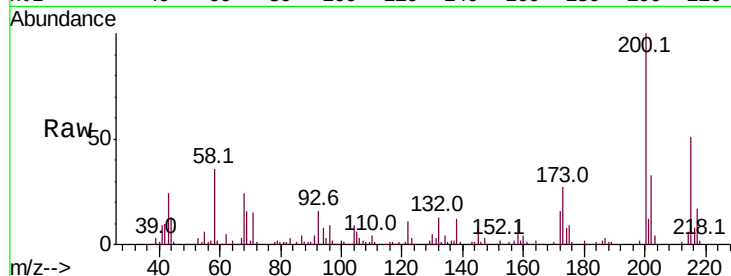
Tot Ion:200 Resp: 272387

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

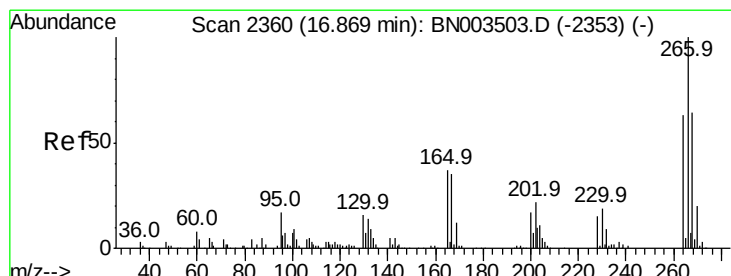
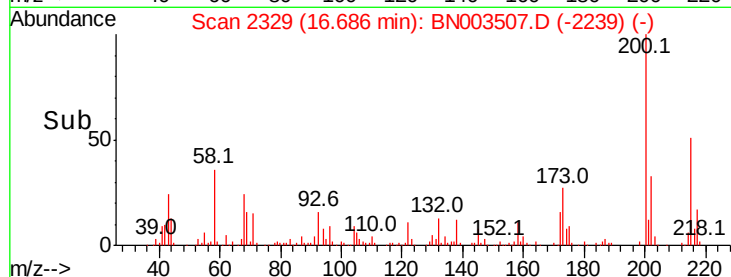
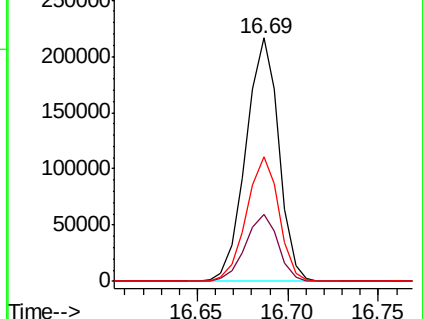
215 51.2 30.0 70.0



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: 39.983 ng

RT: 16.87 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

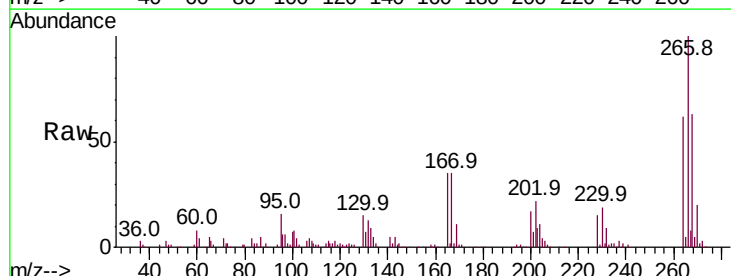
Tgt Ion:266 Resp: 225811

Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

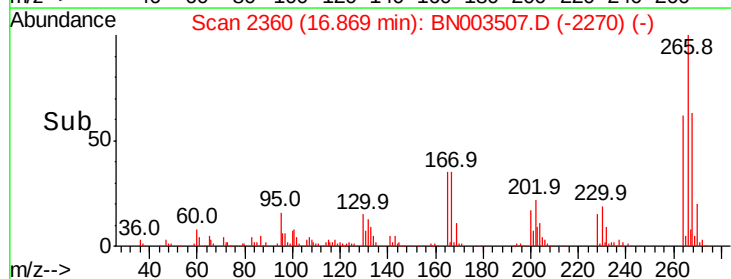
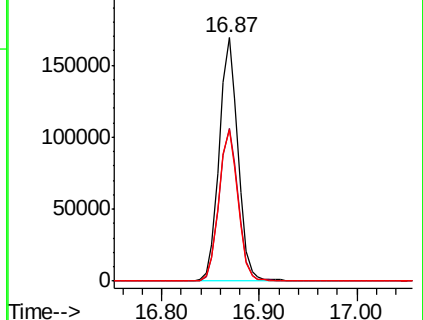
264 62.4 50.1 75.1

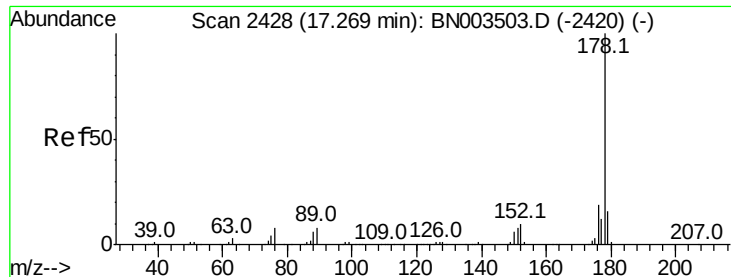


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.773 ng

RT: 17.27 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

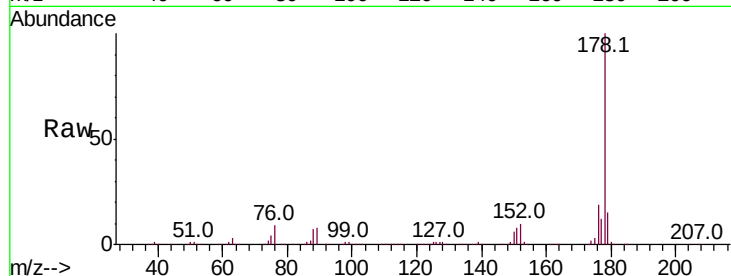
Tot Ion:178 Resp: 1199323

Ion Ratio Lower Upper

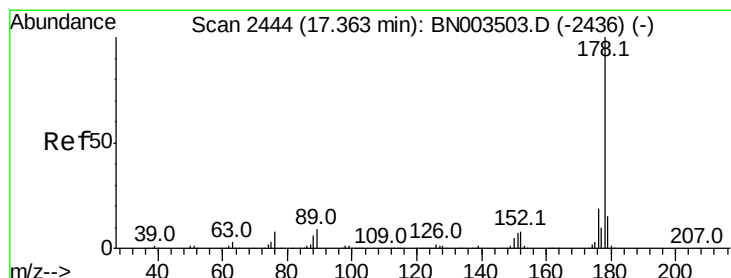
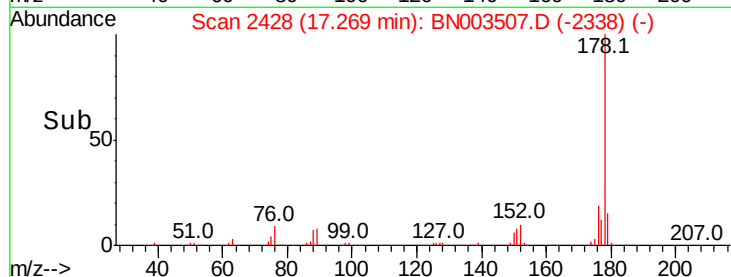
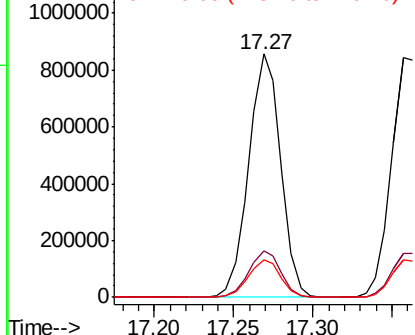
178 100

176 19.2 15.2 22.8

179 15.3 12.5 18.7



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: 40.611 ng

RT: 17.36 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

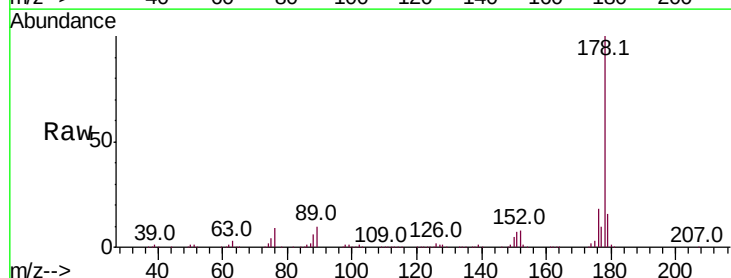
Tgt Ion:178 Resp: 1196991

Ion Ratio Lower Upper

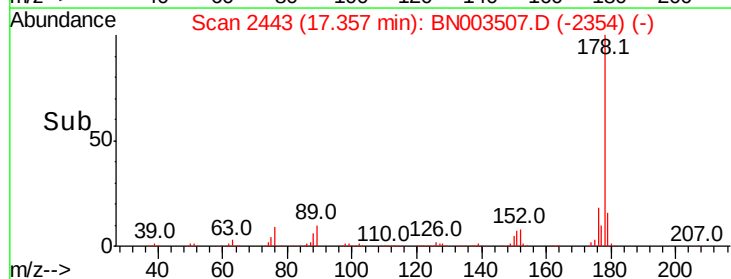
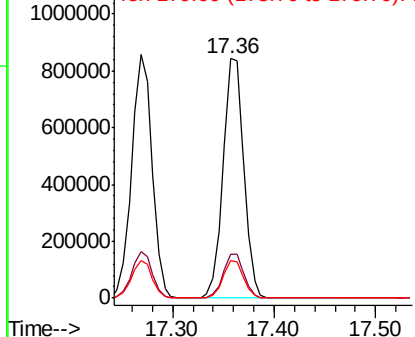
178 100

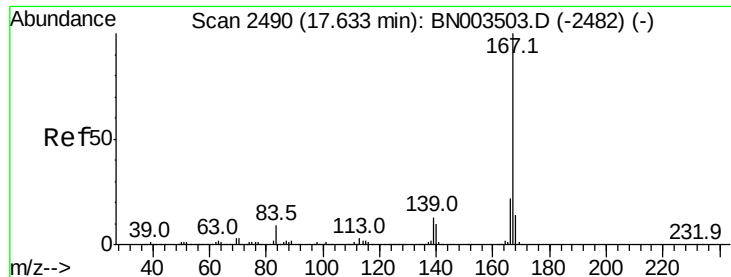
176 18.3 14.8 22.2

179 15.6 12.3 18.5



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



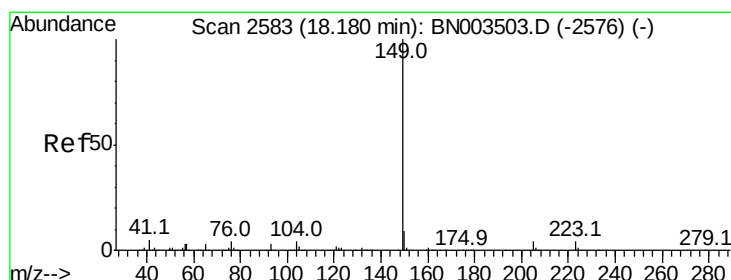
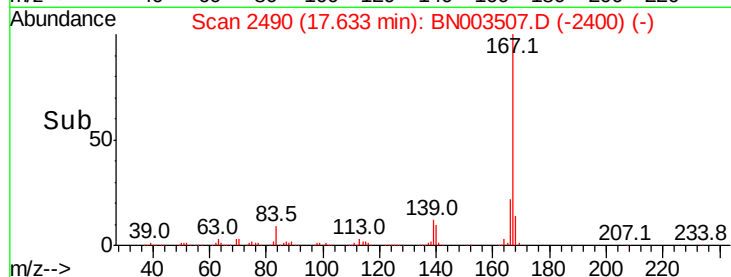
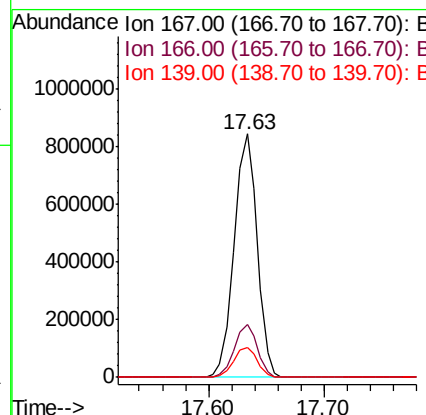
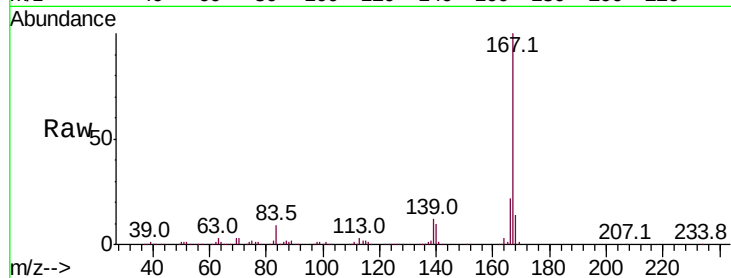


#73
 Carbazole
 Concen: 40.287 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN111218

Tot Ion:167 Resp: 1165366

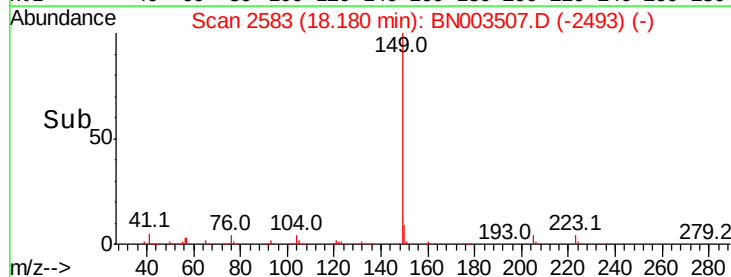
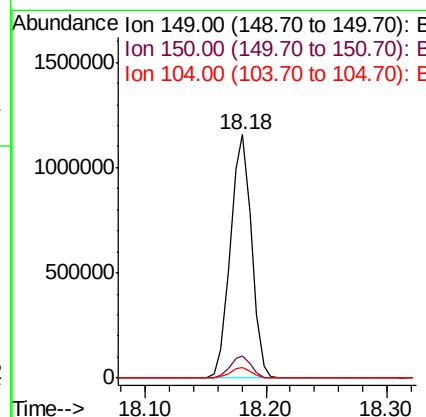
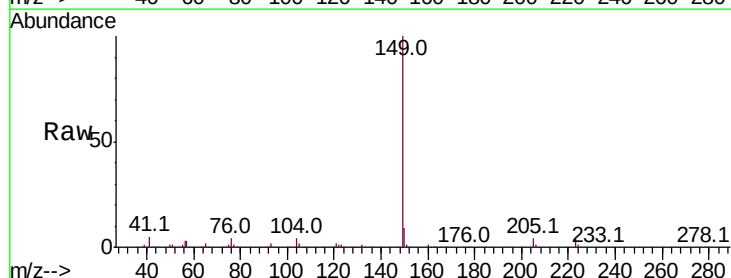
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.3	10.0	15.0

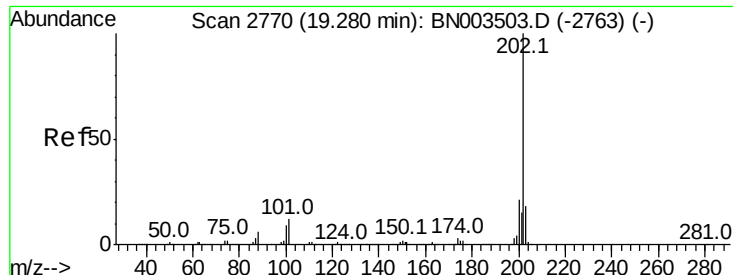


#74
 Di-n-butylphthalate
 Concen: 41.013 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BN003507.D
 Acq: 12 Nov 2018 14:18

Tgt Ion:149 Resp: 1399889

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.4	5.2





#75

Fluoranthene

Concen: 39.184 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

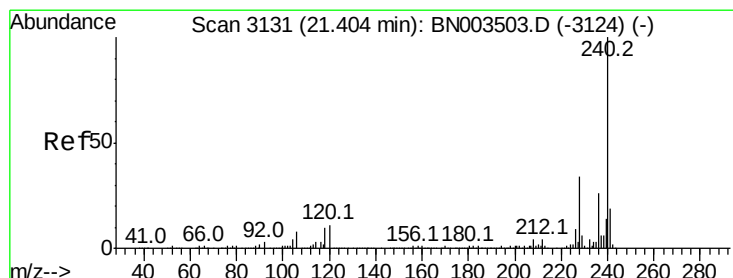
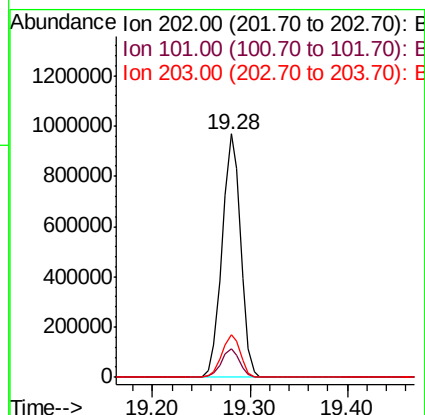
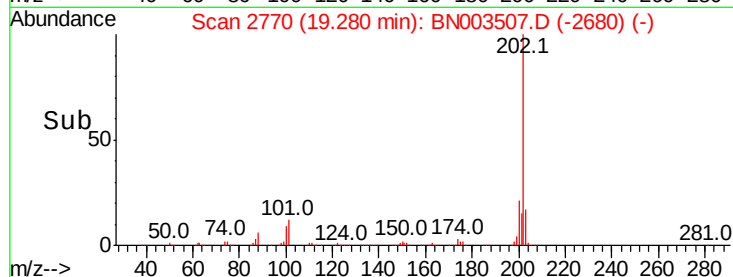
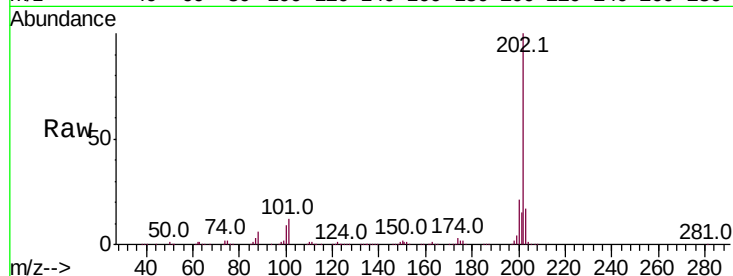
Tot Ion:202 Resp: 1273690

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.8

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

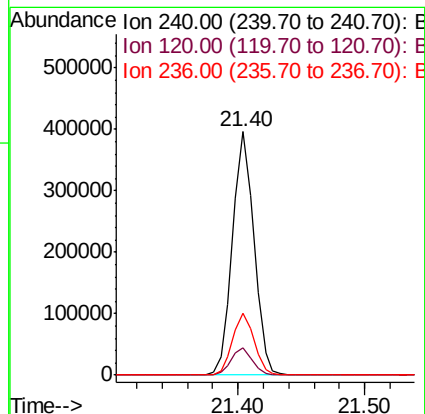
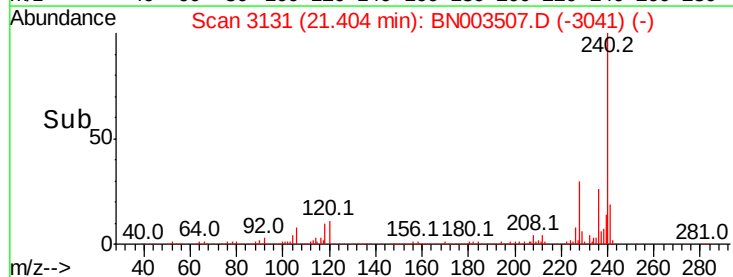
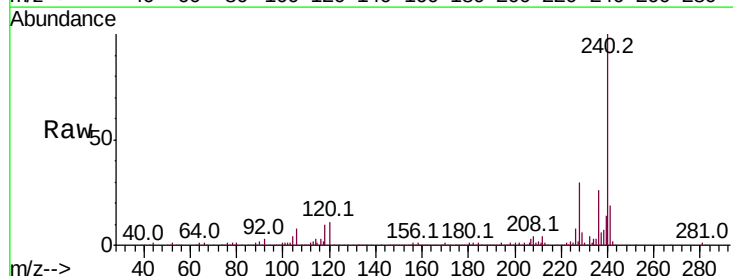
Tgt Ion:240 Resp: 462946

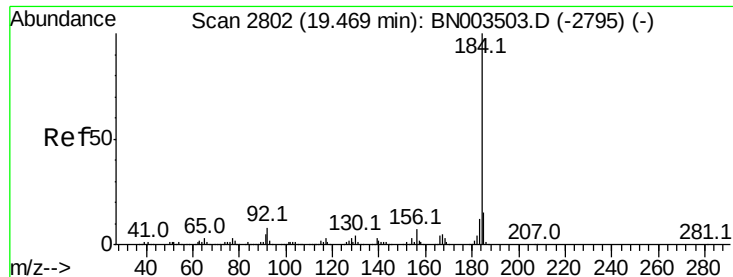
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.5 20.6 30.8





#77

Benzidine

Concen: 41.291 ng

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

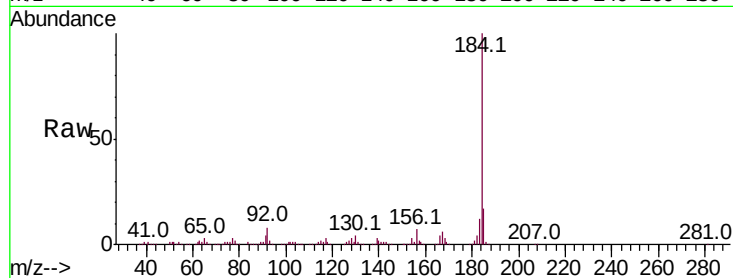
Tot Ion:184 Resp: 661069

Ion Ratio Lower Upper

184 100

185 17.2 12.2 18.2

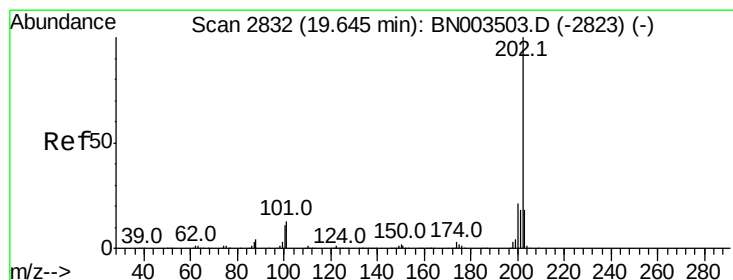
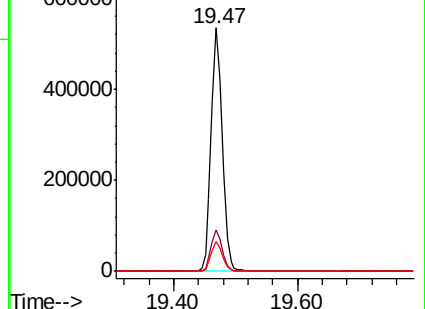
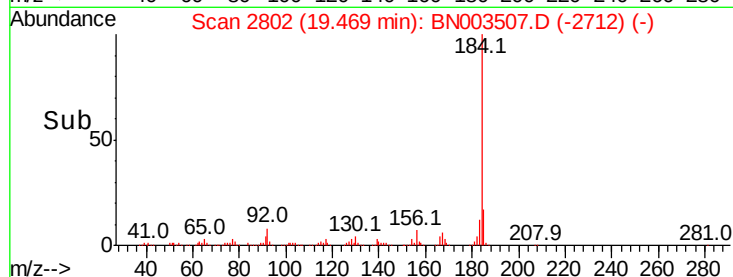
183 12.4 9.9 14.9



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: 40.957 ng

RT: 19.65 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

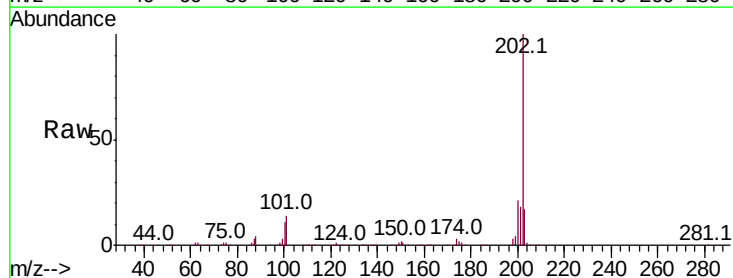
Tgt Ion:202 Resp: 1279890

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

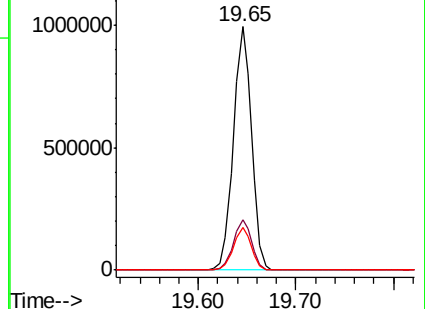
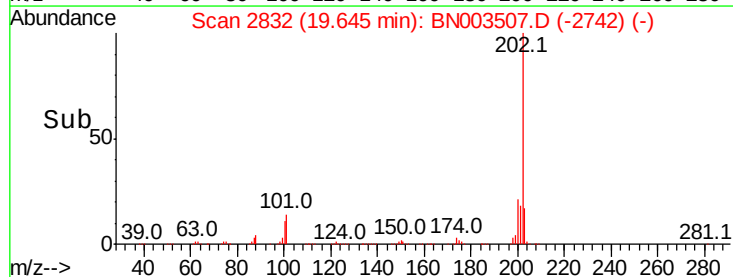
203 17.4 14.2 21.2

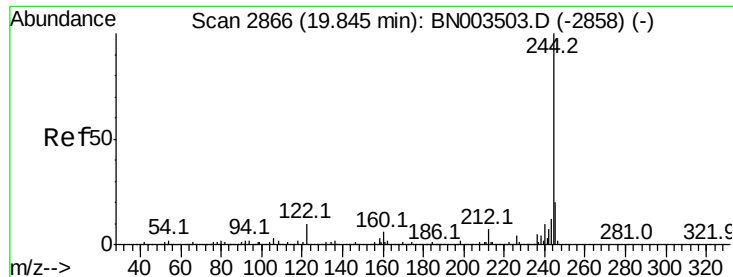


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.312 ng

RT: 19.85 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

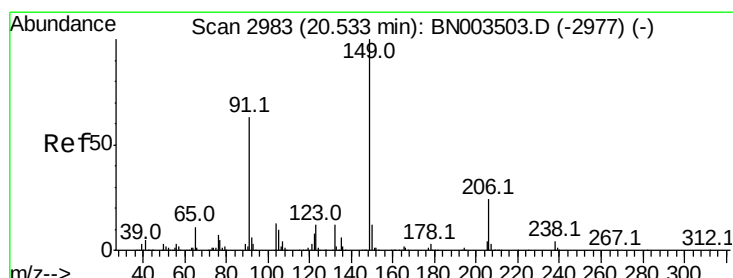
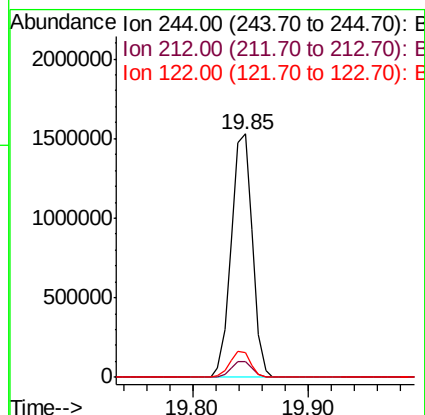
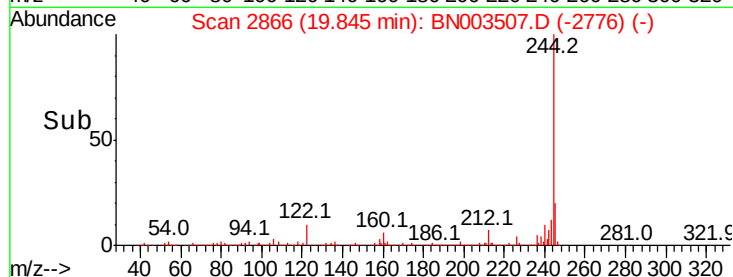
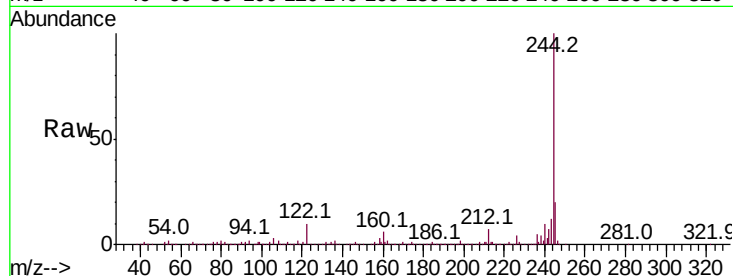
Tot Ion:244 Resp: 1935554

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 41.081 ng

RT: 20.53 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

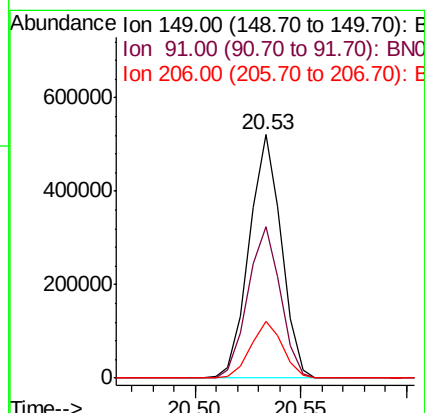
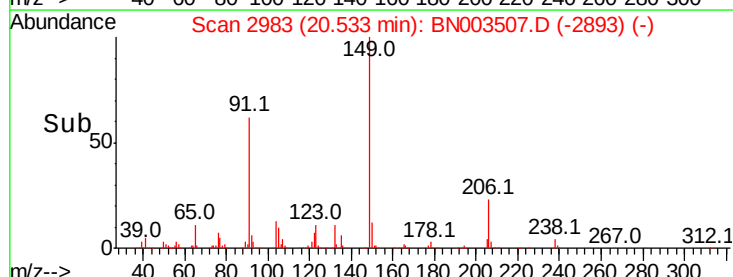
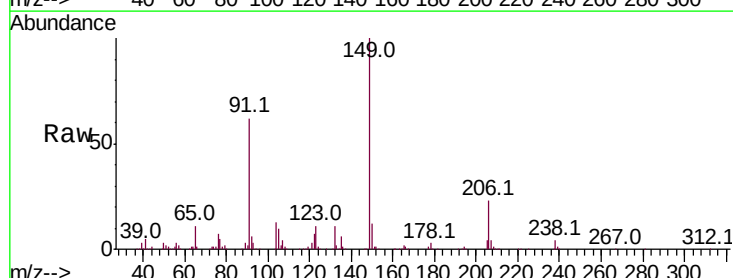
Tgt Ion:149 Resp: 550190

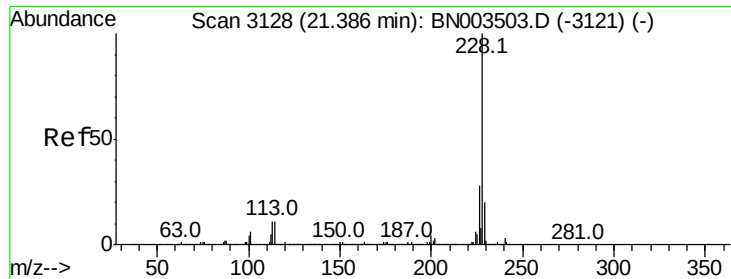
Ion Ratio Lower Upper

149 100

91 62.4 50.3 75.5

206 23.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 39.938 ng

RT: 21.39 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

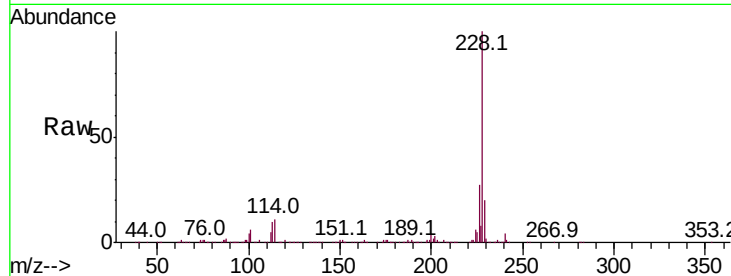
BNA_N

ClientSampleId :

ICVBN111218

Tot Ion:228 Resp: 1051756

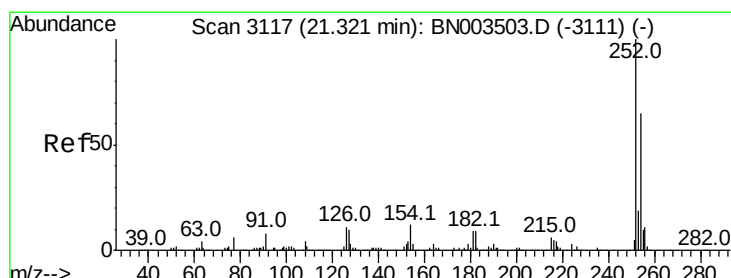
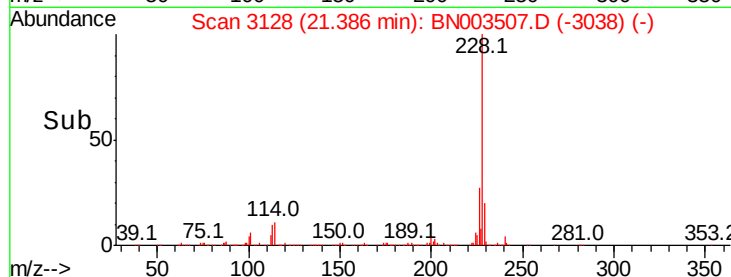
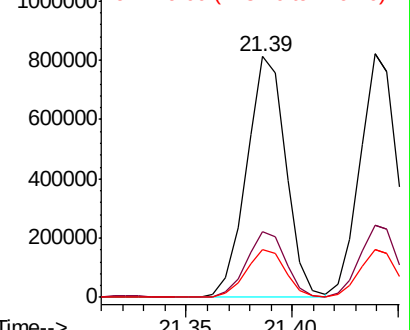
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	20.1	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.601 ng

RT: 21.32 min Scan# 3117

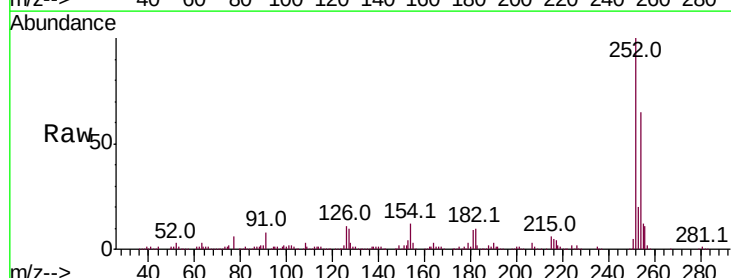
Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Tgt Ion:252 Resp: 434629

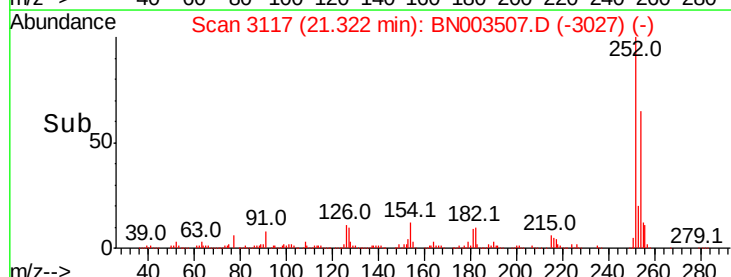
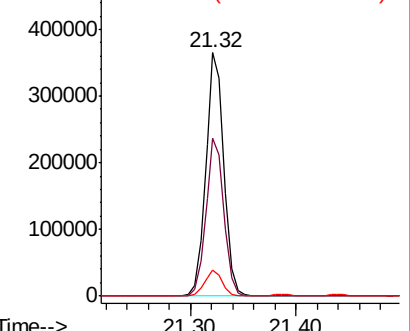
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.7	8.7	13.1

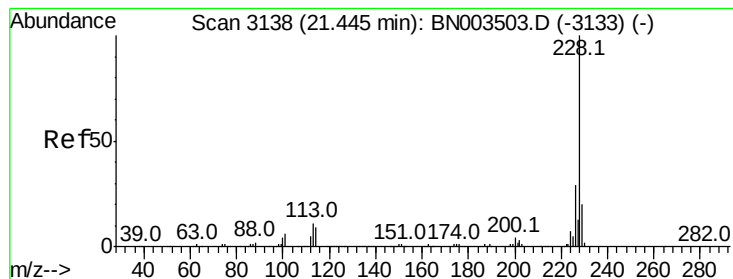


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.852 ng

RT: 21.44 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

BNA_N

ClientSampleId :

ICVBN111218

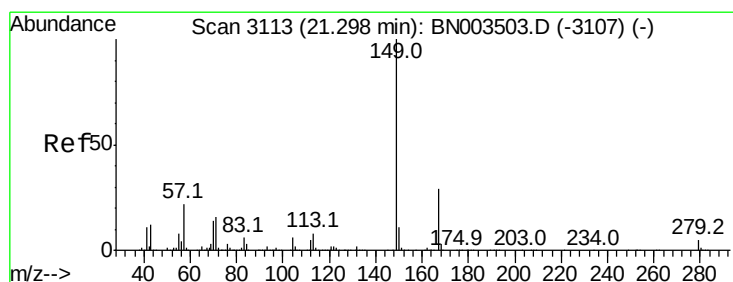
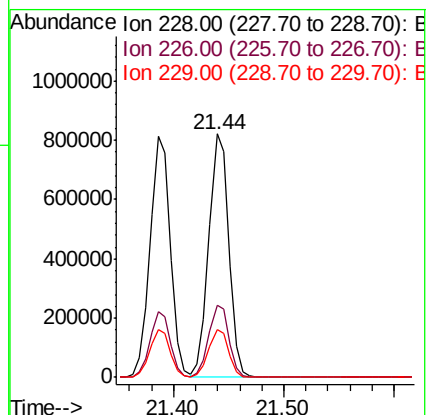
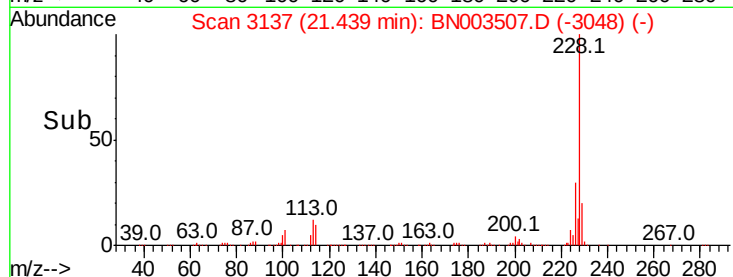
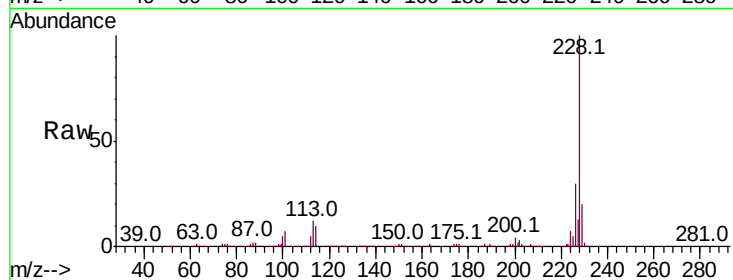
Tot Ion:228 Resp: 1003744

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.372 ng

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

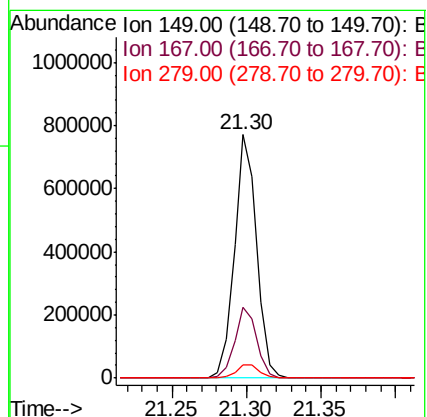
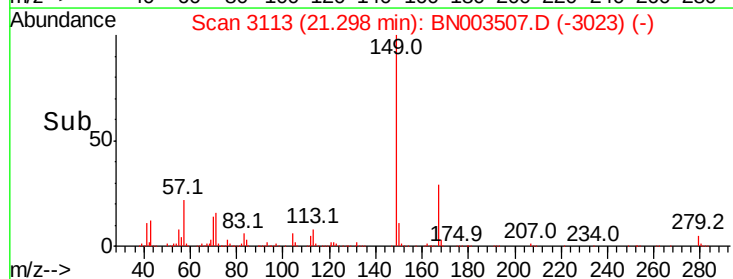
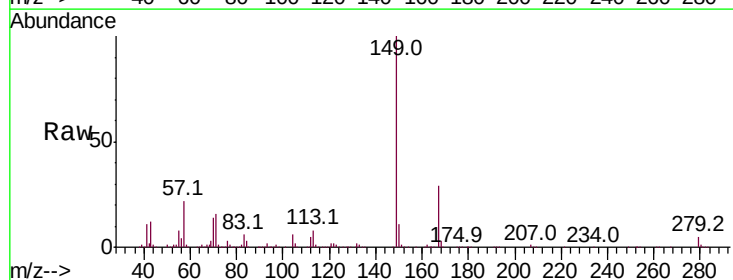
Tgt Ion:149 Resp: 803515

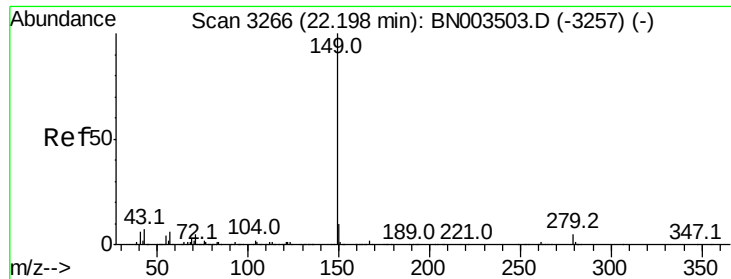
Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.6

279 5.4 4.2 6.4

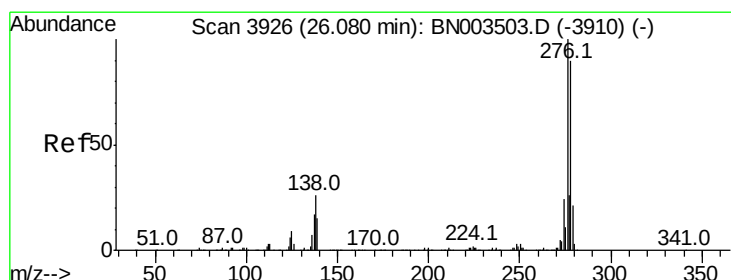
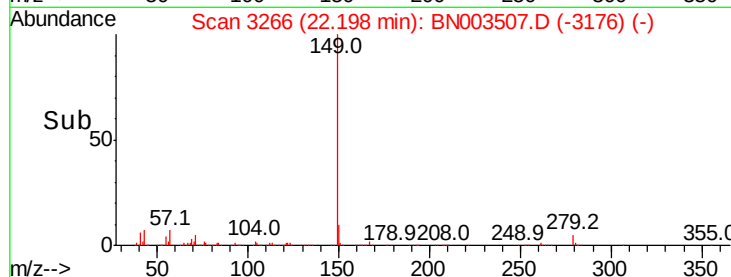
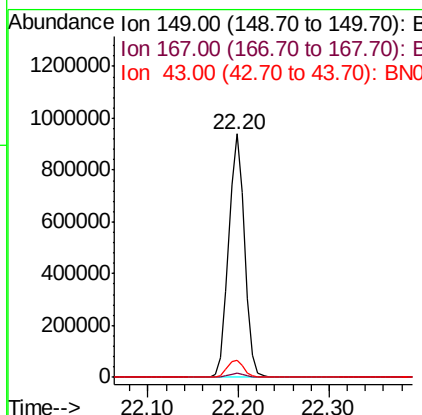
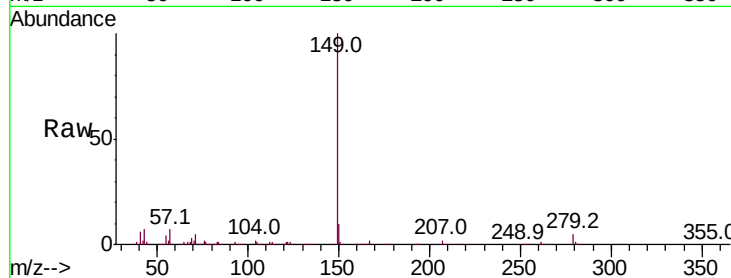




#85
Di-n-octyl phthalate
Concen: 39.669 ng
RT: 22.20 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

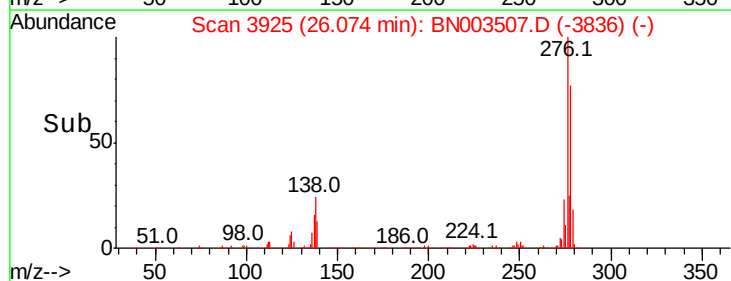
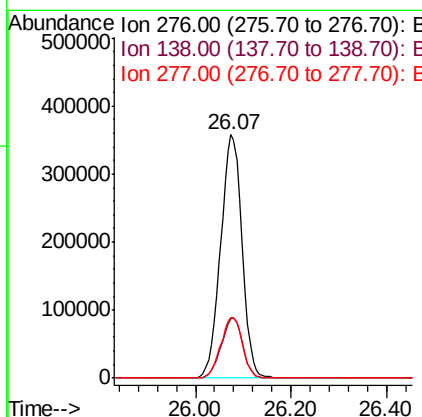
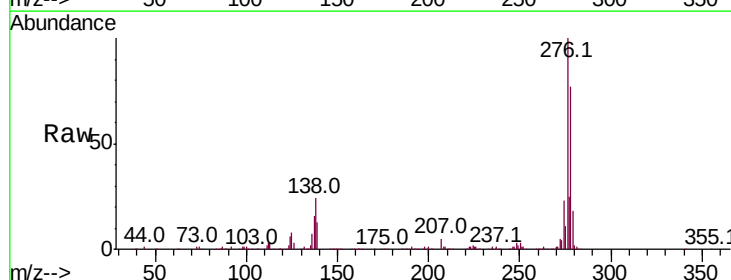
Instrument :
BNA_N
ClientSampleId :
ICVBN111218

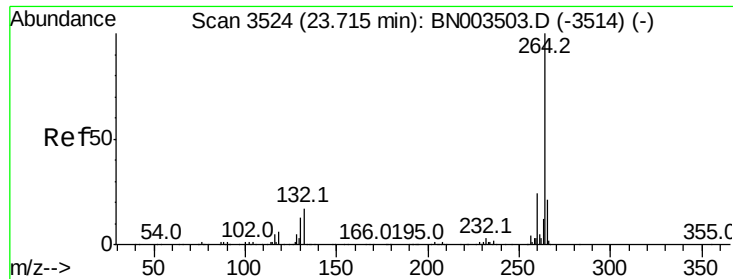
Tot Ion:149 Resp: 1144268
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.776 ng
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion:276 Resp: 1110753
Ion Ratio Lower Upper
276 100
138 24.6 20.1 30.1
277 25.3 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Instrument :

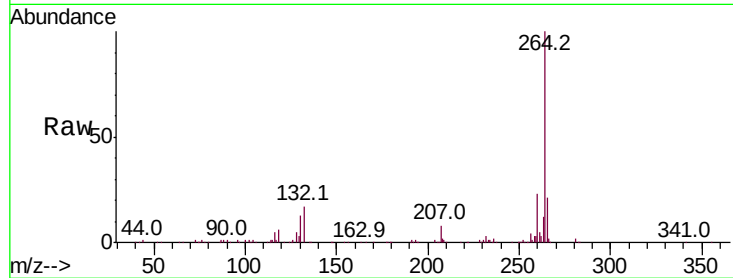
BNA_N

ClientSampleId :

ICVBN111218

Tot Ion:264 Resp: 430798

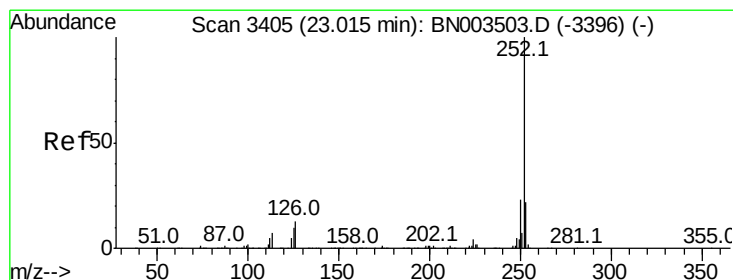
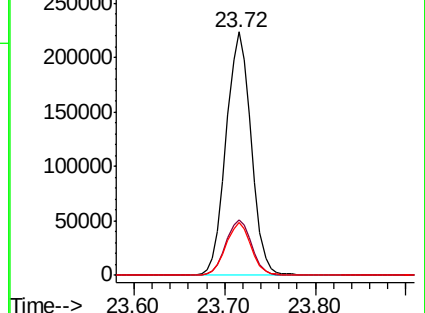
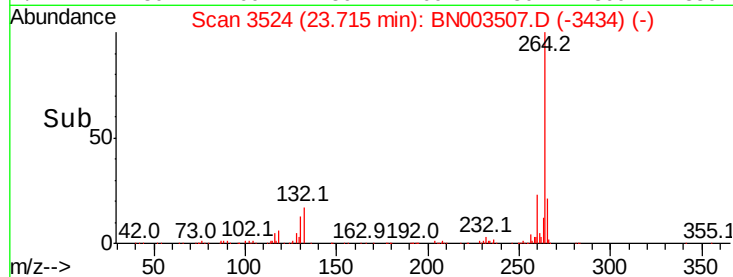
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.5	17.2	25.8



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: 40.235 ng

RT: 23.02 min Scan# 3405

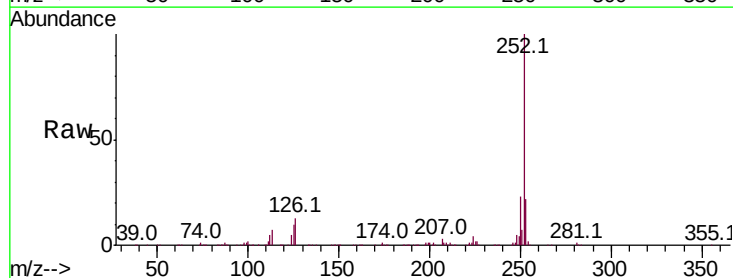
Delta R.T. 0.00 min

Lab File: BN003507.D

Acq: 12 Nov 2018 14:18

Tgt Ion:252 Resp: 965022

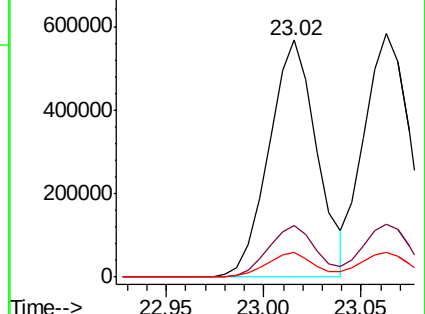
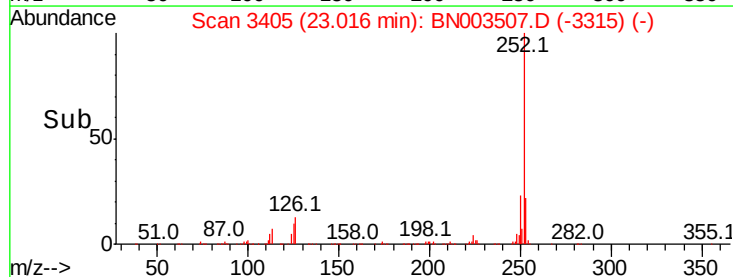
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.3	8.1	12.1

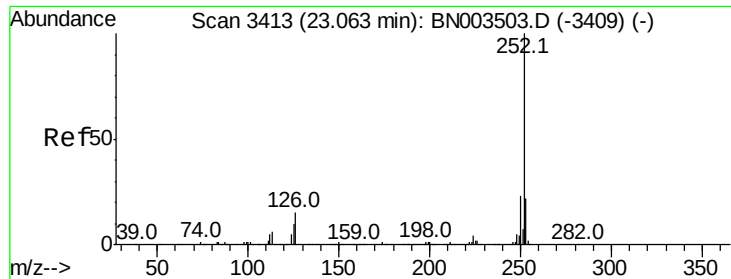


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

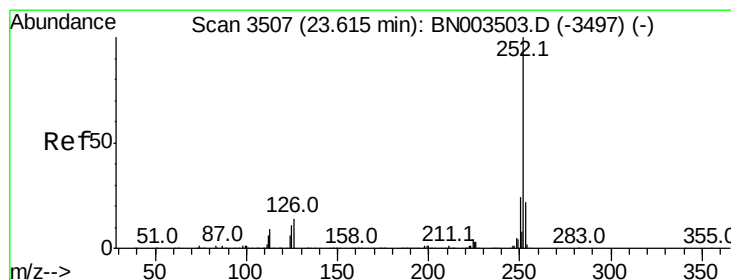
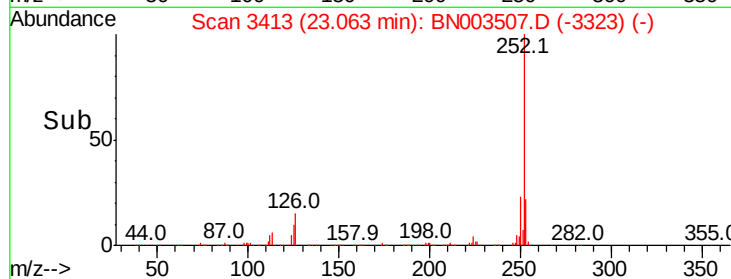
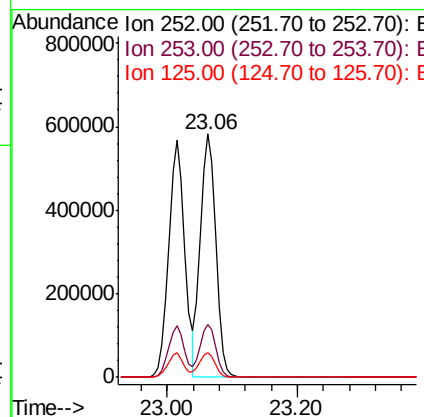
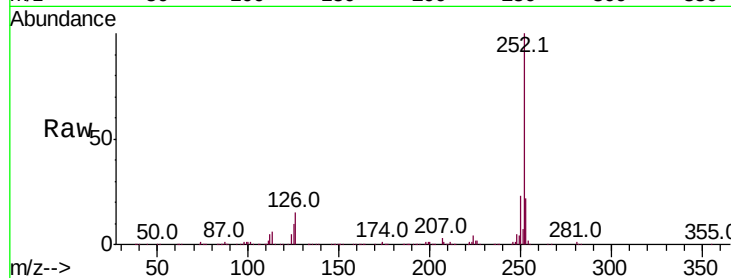




#89
Benzo(k)fluoranthene
Concen: 40.338 ng
RT: 23.06 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

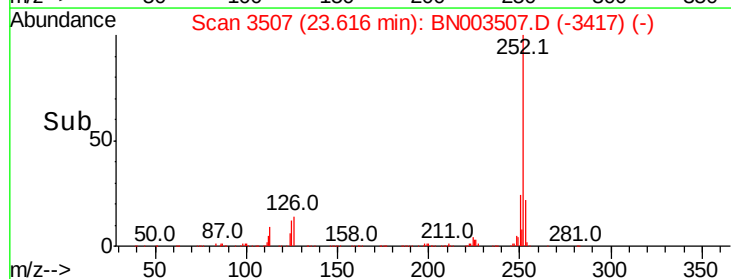
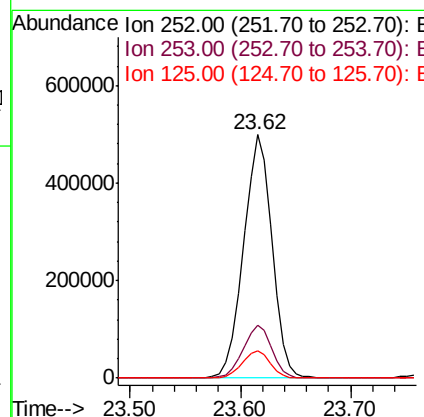
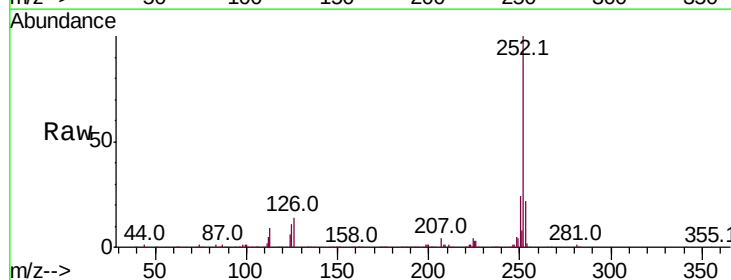
Instrument :
BNA_N
ClientSampleId :
ICVBN111218

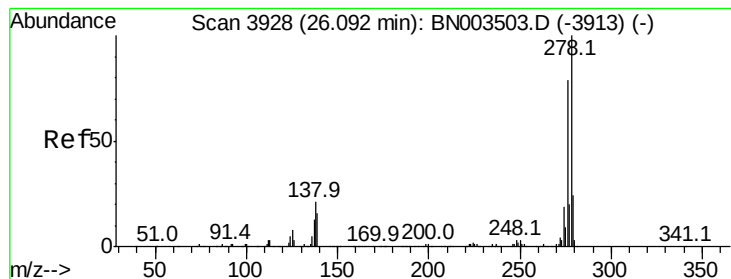
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.1	8.4	12.6



#90
Benzo(a)pyrene
Concen: 40.769 ng
RT: 23.62 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.4	8.9	13.3

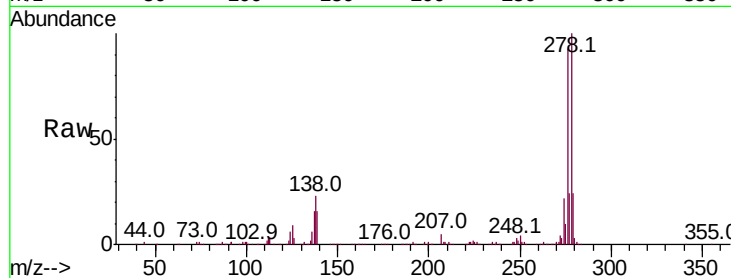




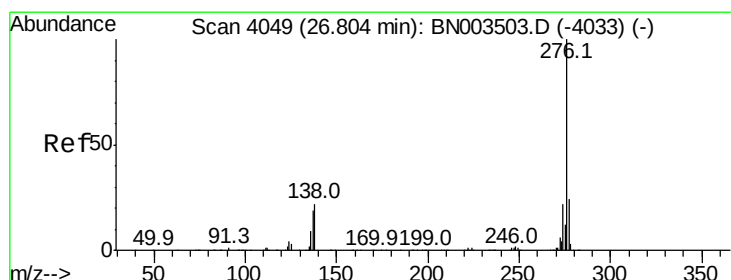
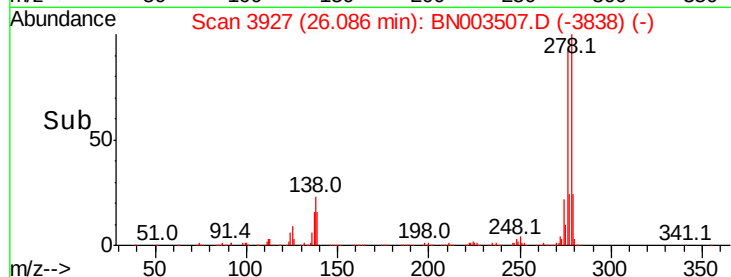
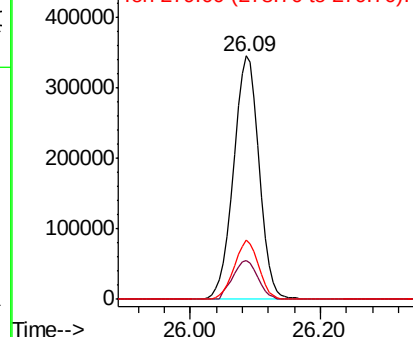
#91
Dibenzo(a,h)anthracene
Concen: 41.473 ng
RT: 26.09 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Instrument :
BNA_N
ClientSampleId :
ICVBN111218

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	19.0
279	24.2	19.0	28.4

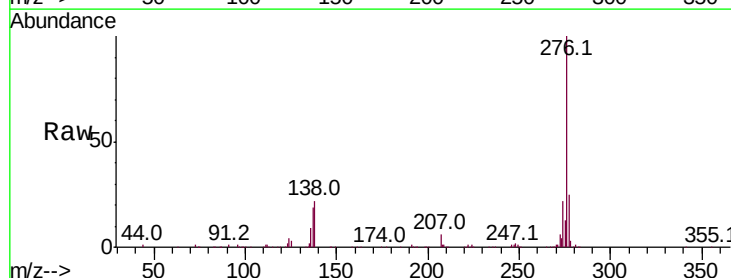


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.952 ng
RT: 26.80 min Scan# 4049
Delta R.T. 0.00 min
Lab File: BN003507.D
Acq: 12 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	22.0	17.4	26.2



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

