

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003478.D
 Acq On : 09 Nov 2018 18:46
 Operator : MJ/SJ
 Sample : J5860-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Quant Time: Nov 12 03:20:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	98537	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	419575	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	239515	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	486131	20.00	ng	0.00
76) Chrysene-d12	21.41	240	398683	20.00	ng	0.00
87) Perylene-d12	23.72	264	400265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	814656	144.00	ng	0.00
7) Phenol-d6	7.01	99	1080170	134.27	ng	0.00
23) Nitrobenzene-d5	9.02	82	611547	83.59	ng	0.00
42) 2,4,6-Tribromophenol	15.98	330	486574	150.87	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1540676	87.25	ng	0.00
79) Terphenyl-d14	19.84	244	1821685	97.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	80950	30.136	ng	93
3) Pyridine	3.73	79	237877	38.754	ng	91
4) n-Nitrosodimethylamine	3.65	42	96022	42.489	ng	91
6) Aniline	7.19	93	335190	33.367	ng	96
8) 2-Chlorophenol	7.42	128	330452	47.424	ng	94
9) Benzaldehyde	7.00	77	160615	34.378	ng	96
10) Phenol	7.04	94	465681	54.856	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	281133	40.545	ng	93
12) 1,3-Dichlorobenzene	7.73	146	330580	42.670	ng	97
13) 1,4-Dichlorobenzene	7.89	146	339071	42.505	ng	98
14) 1,2-Dichlorobenzene	8.20	146	328146	42.384	ng	99
15) Benzyl Alcohol	8.09	79	258997	44.678	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	361191	35.529	ng	97
17) 2-Methylphenol	8.29	107	273083	47.069	ng	98
18) Hexachloroethane	8.92	117	114083	40.822	ng	95
19) n-Nitroso-di-n-propylamine	8.66	70	216876	37.387	ng	95
20) 3+4-Methylphenols	8.62	107	369042	44.779	ng	97
22) Acetophenone	8.67	105	453476	44.588	ng	97
24) Nitrobenzene	9.06	77	318005	42.596	ng	93
25) Isophorone	9.57	82	610544	47.575	ng	97
26) 2-Nitrophenol	9.77	139	180306	45.886	ng	93
27) 2,4-Dimethylphenol	9.82	122	307784	55.708	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	396156	45.821	ng	99
29) 2,4-Dichlorophenol	10.29	162	324952	51.540	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	329114	45.917	ng	99
31) Naphthalene	10.70	128	996980	48.625	ng	100
32) Benzoic acid	9.87	122	22075	9.189	ng	95
33) 4-Chloroaniline	10.81	127	159996	17.660	ng	96
34) Hexachlorobutadiene	10.96	225	195079	45.609	ng	97
35) Caprolactam	11.60	113	41473	16.799	ng	# 85
36) 4-Chloro-3-methylphenol	11.93	107	326314	46.405	ng	95
37) 2-Methylnaphthalene	12.31	142	737245	50.316	ng	99
38) 1-Methylnaphthalene	12.53	142	697352	48.729	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	385742	48.683	ng	99

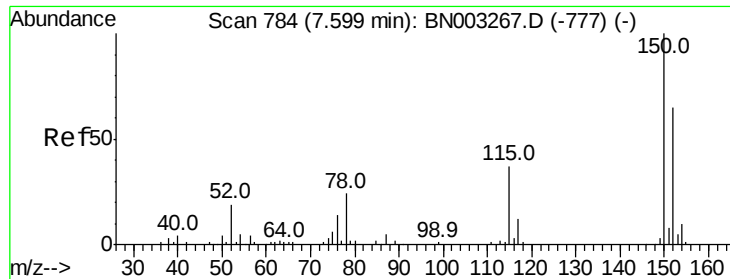
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	493606	136.563	ng	99
43) 2,4,6-Trichlorophenol	12.91	196	263170	52.569	ng	98
44) 2,4,5-Trichlorophenol	12.98	196	283071	54.210	ng	98
46) 1,1'-Biphenyl	13.32	154	933213	44.393	ng	99
47) 2-Chloronaphthalene	13.36	162	720802	46.485	ng	99
48) 2-Nitroaniline	13.57	65	184628	40.524	ng	88
49) Acenaphthylene	14.21	152	1161424	48.935	ng	99
50) Dimethylphthalate	13.95	163	1087366	56.148	ng	99
51) 2,6-Dinitrotoluene	14.07	165	200832	45.690	ng	92
52) Acenaphthene	14.55	154	668666	46.498	ng	98
53) 3-Nitroaniline	14.40	138	133880	28.493	ng	91
54) 2,4-Dinitrophenol	14.60	184	140975	57.704	ng	91
55) Dibenzofuran	14.89	168	1071887	45.816	ng	100
56) 4-Nitrophenol	14.70	139	449216	129.070	ng	93
57) 2,4-Dinitrotoluene	14.86	165	270880	45.451	ng	# 76
58) Fluorene	15.53	166	841116	46.590	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	251367	54.819	ng	96
60) Diethylphthalate	15.30	149	867939	44.165	ng	100
61) 4-Chlorophenyl-phenylether	15.53	204	448720	44.737	ng	98
62) 4-Nitroaniline	15.57	138	195139	42.510	ng	97
63) Azobenzene	15.82	77	740914	40.794	ng	94
65) 4,6-Dinitro-2-methylphenol	15.62	198	138730	40.899	ng	92
66) n-Nitrosodiphenylamine	15.75	169	746844	49.075	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	288208	52.641	ng	95
68) Hexachlorobenzene	16.53	284	322653	51.730	ng	96
69) Atrazine	16.69	200	265374	49.204	ng	98
70) Pentachlorophenol	16.87	266	370887	114.639	ng	99
71) Phenanthrene	17.27	178	1247572	48.815	ng	98
72) Anthracene	17.36	178	1281362	50.245	ng	99
73) Carbazole	17.63	167	1106757	41.907	ng	99
74) Di-n-butylphthalate	18.18	149	1403269	45.550	ng	99
75) Fluoranthene	19.29	202	1303653	43.297	ng	99
77) Benzidine	19.47	184	525087	44.989	ng	99
78) Pyrene	19.65	202	1278312	54.554	ng	98
80) Butylbenzylphthalate	20.54	149	539514	49.587	ng	94
81) Benzo(a)anthracene	21.39	228	1141772	49.177	ng	98
82) 3,3'-Dichlorobenzidine	21.33	252	372886	38.810	ng	99
83) Chrysene	21.44	228	1065903	47.758	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	782688	48.508	ng	98
85) Di-n-octyl phthalate	22.20	149	1206613	43.579	ng	97
86) Indeno(1,2,3-cd)pyrene	26.09	276	1356915	53.048	ng	98
88) Benzo(b)fluoranthene	23.02	252	1129022	51.229	ng	100
89) Benzo(k)fluoranthene	23.07	252	1102906	51.026	ng	99
90) Benzo(a)pyrene	23.63	252	1093939	52.083	ng	98
91) Dibenzo(a,h)anthracene	26.10	278	1140429	54.856	ng	99
92) Benzo(g,h,i)perylene	26.82	276	1128239	56.530	ng	99

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

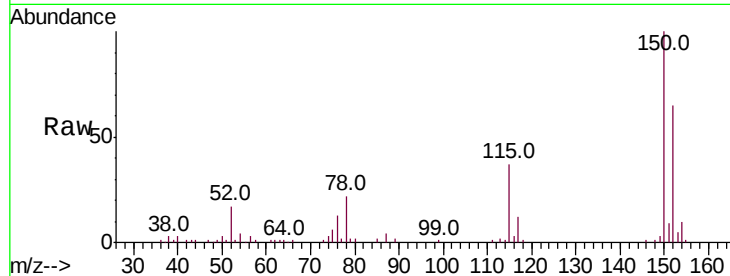


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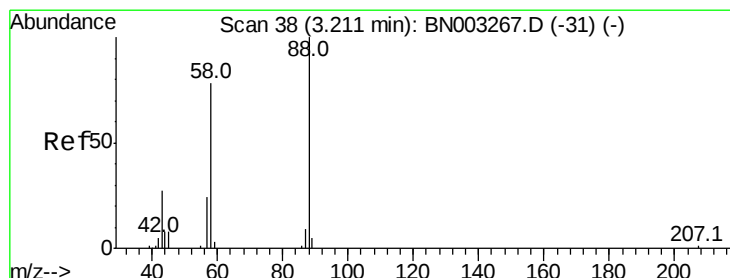
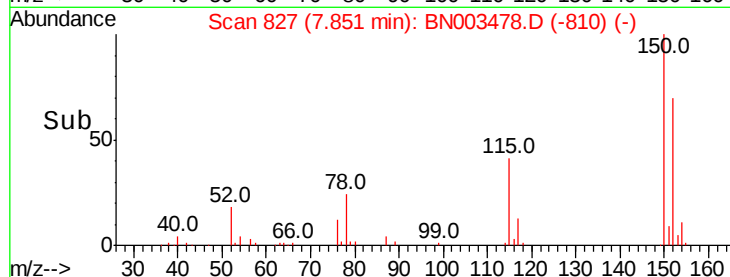
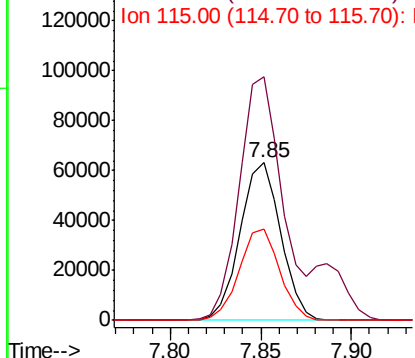
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:152 Resp: 98537
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.8
115 57.8 45.9 68.9



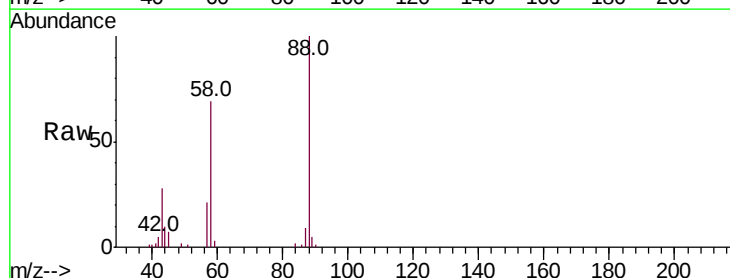
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



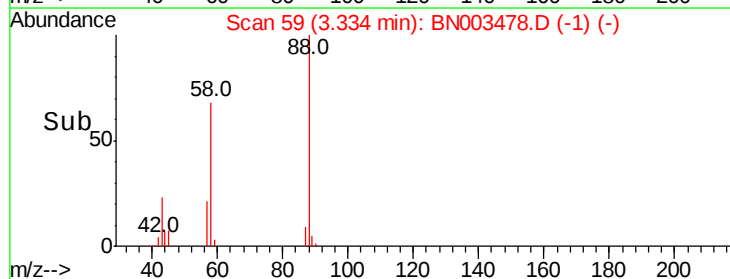
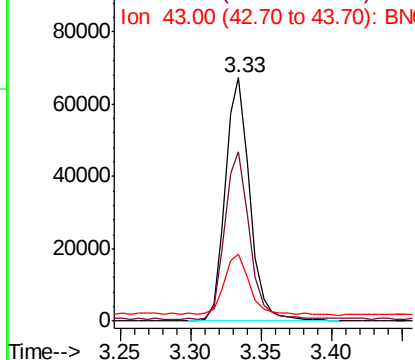
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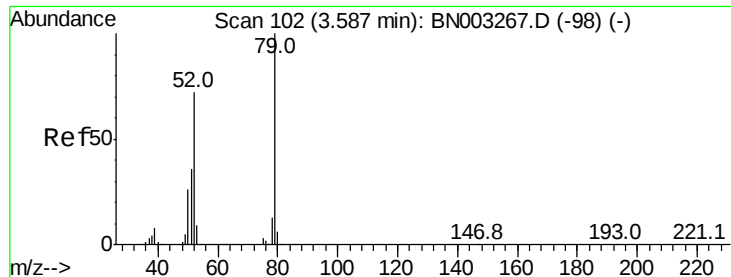
1,4-Dioxane
Concen: 30.136 ng
RT: 3.33 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion: 88 Resp: 80950
Ion Ratio Lower Upper
88 100
58 69.3 61.1 91.7
43 26.8 22.2 33.4



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: 38.754 ng

RT: 3.73 min Scan# 126

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

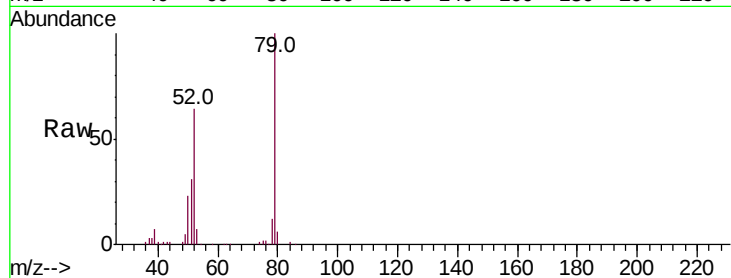
Tot Ion: 79 Resp: 237877

Ion Ratio Lower Upper

79 100

52 63.9 57.7 86.5

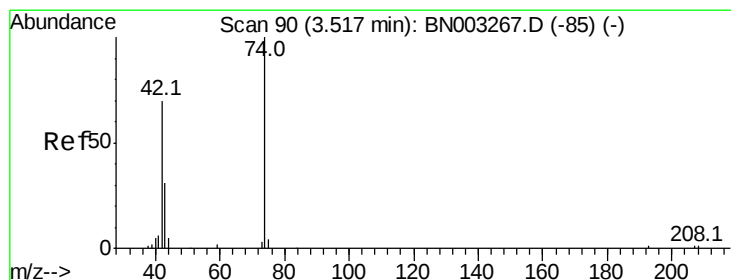
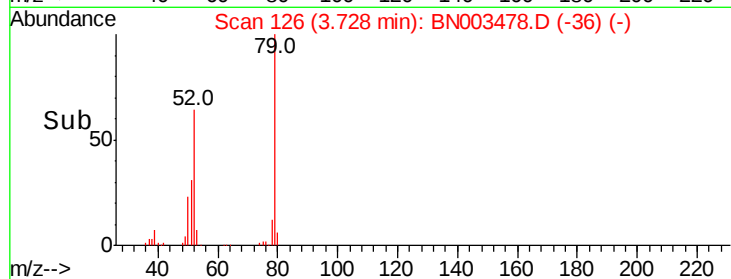
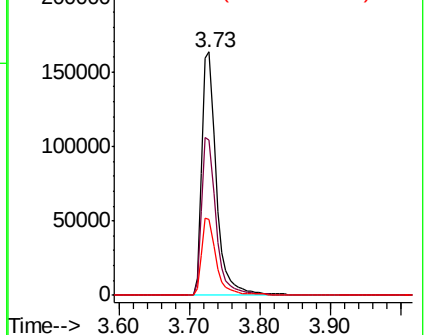
51 31.0 28.7 43.1



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 52.00 (51.70 to 52.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 42.489 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

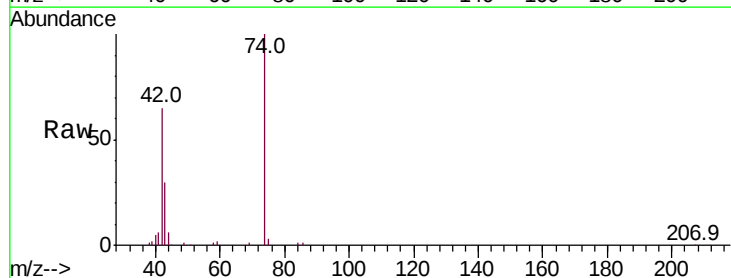
Tgt Ion: 42 Resp: 96022

Ion Ratio Lower Upper

42 100

74 153.9 114.2 171.4

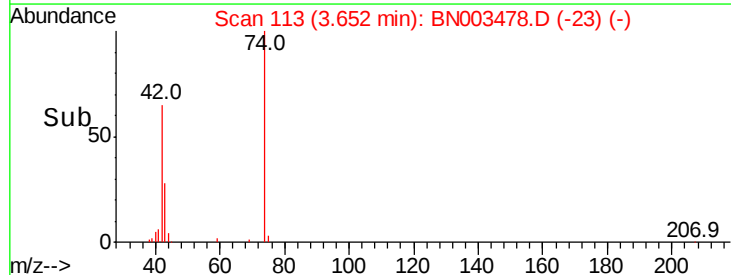
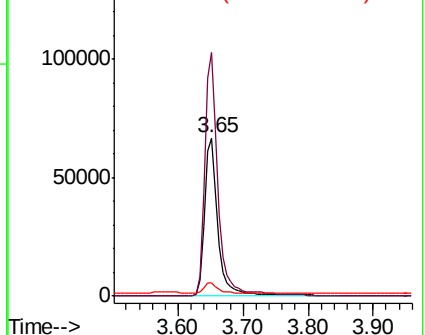
44 8.7 6.1 9.1

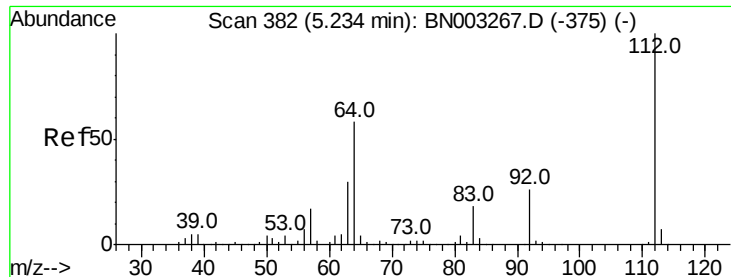


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 143.999 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

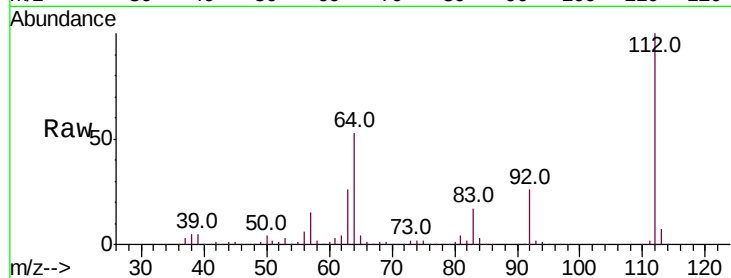
Tot Ion:112 Resp: 814656

Ion Ratio Lower Upper

112 100

64 52.8 46.6 69.8

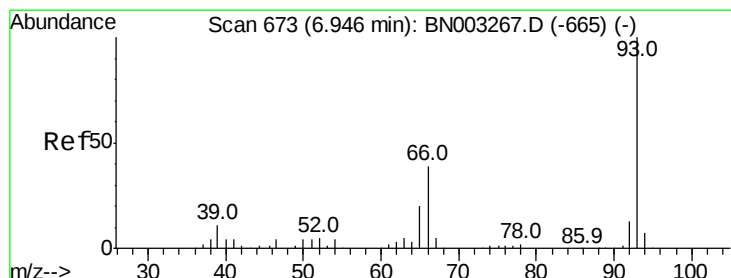
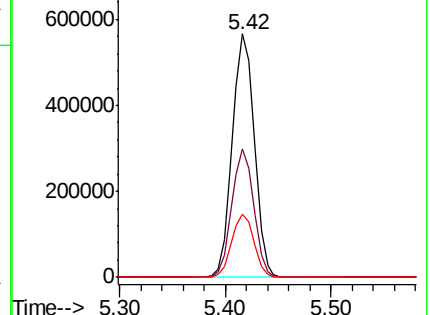
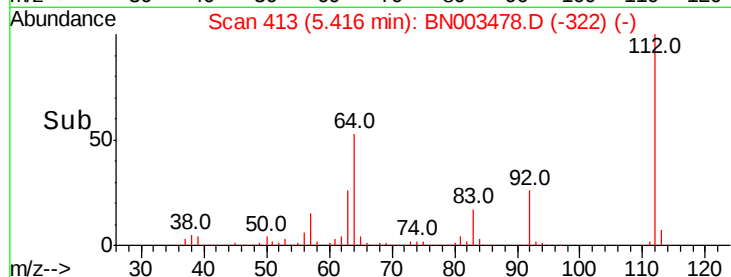
63 26.0 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 33.367 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

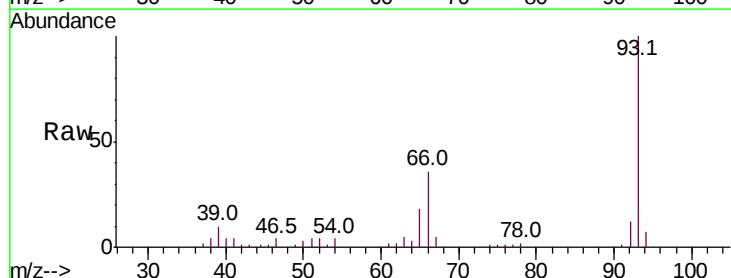
Tgt Ion: 93 Resp: 335190

Ion Ratio Lower Upper

93 100

66 36.2 31.4 47.0

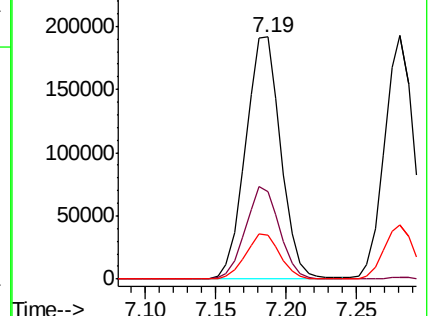
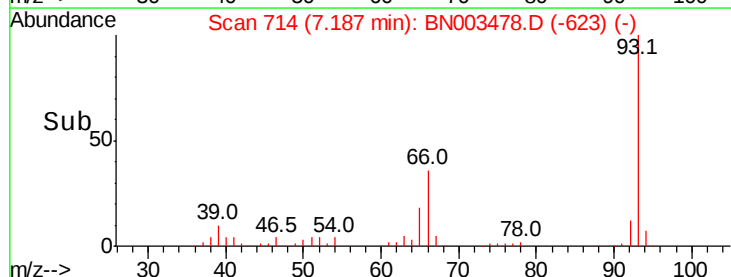
65 17.9 15.7 23.5

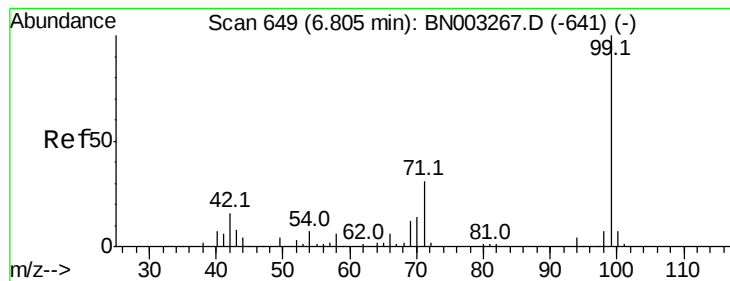


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 134.274 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

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EP2-SB-104(15-17)MSD

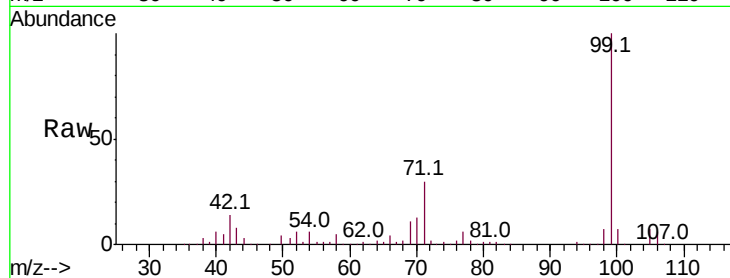
Tot Ion: 99 Resp: 1080170

Ion Ratio Lower Upper

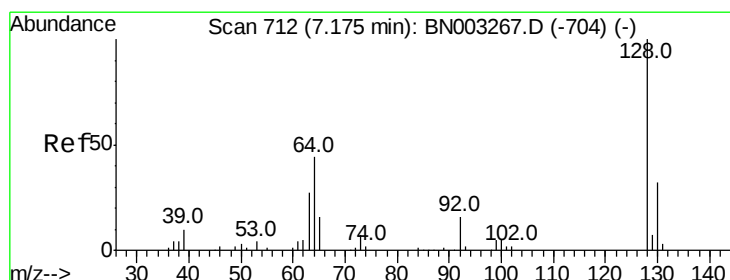
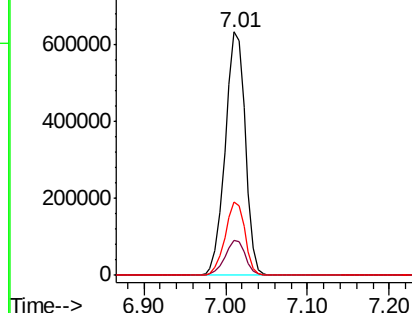
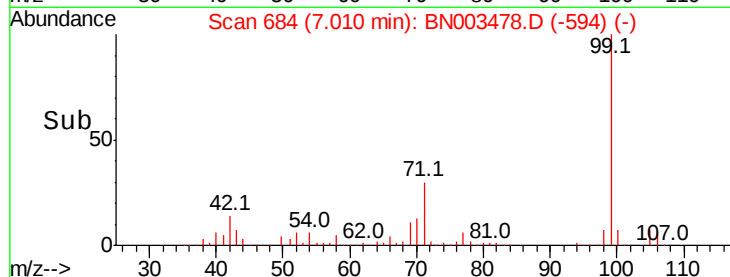
99 100

42 14.3 13.0 19.6

71 30.1 24.5 36.7



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



#8

2-Chlorophenol

Concen: 47.424 ng

RT: 7.42 min Scan# 753

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

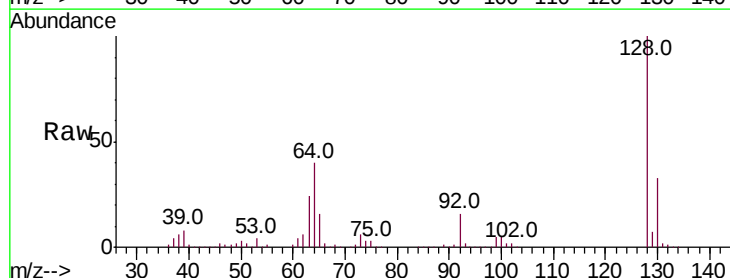
Tgt Ion:128 Resp: 330452

Ion Ratio Lower Upper

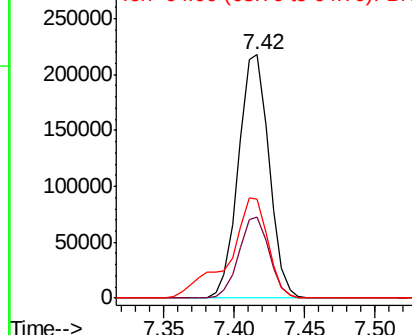
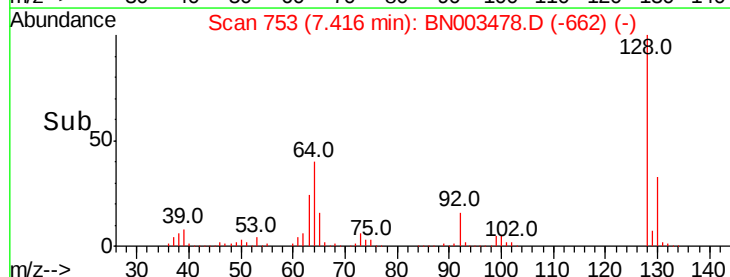
128 100

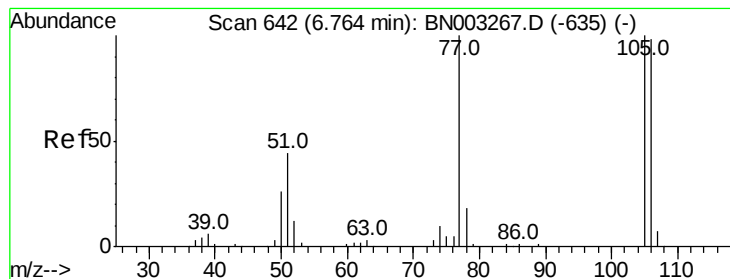
130 33.2 12.4 52.4

64 40.4 27.0 67.0



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





#9

Benzaldehyde

Concen: 34.378 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

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ClientSampleId :

EP2-SB-104(15-17)MSD

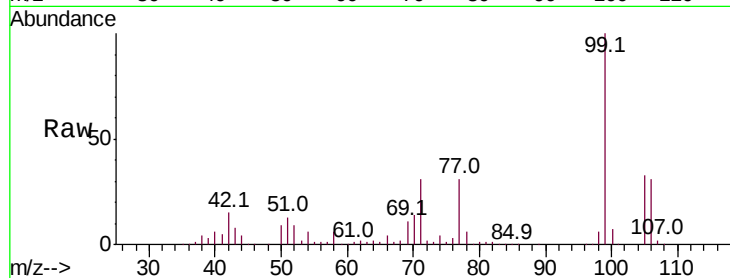
Tot Ion: 77 Resp: 160615

Ion Ratio Lower Upper

77 100

105 105.9 79.9 119.9

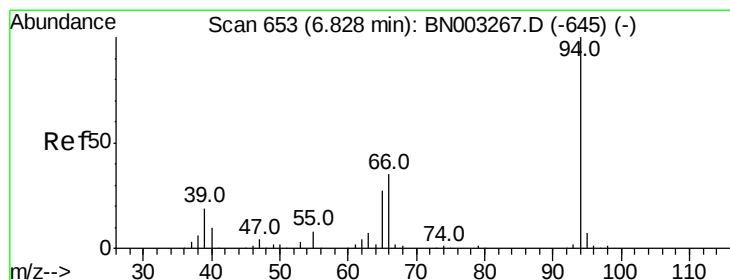
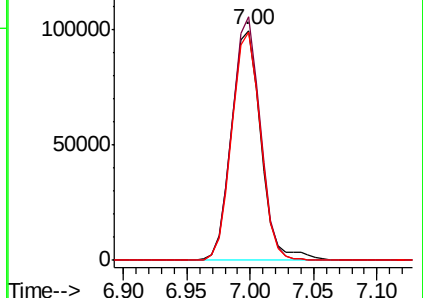
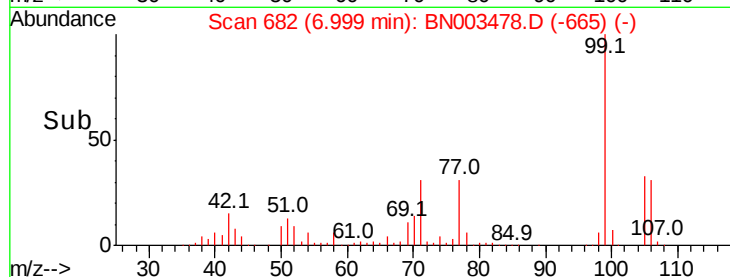
106 99.4 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 54.856 ng

RT: 7.04 min Scan# 689

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

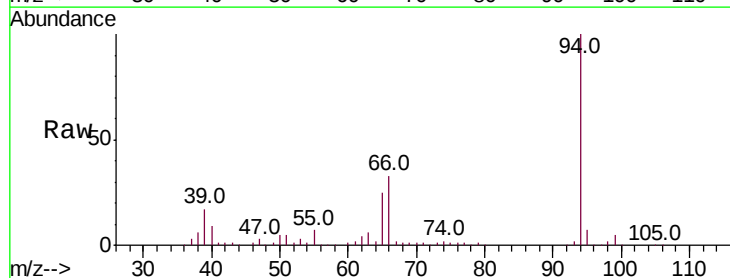
Tgt Ion: 94 Resp: 465681

Ion Ratio Lower Upper

94 100

65 25.0 7.7 47.7

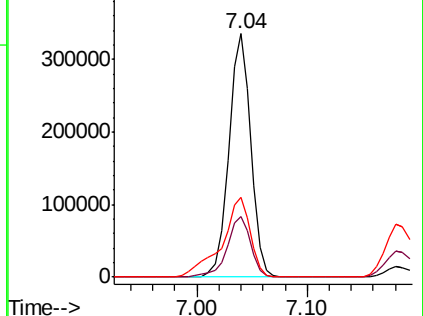
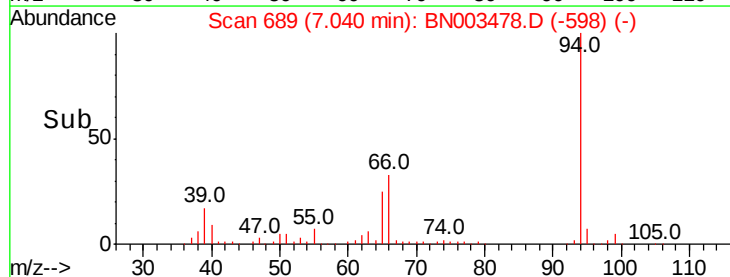
66 32.6 15.8 55.8

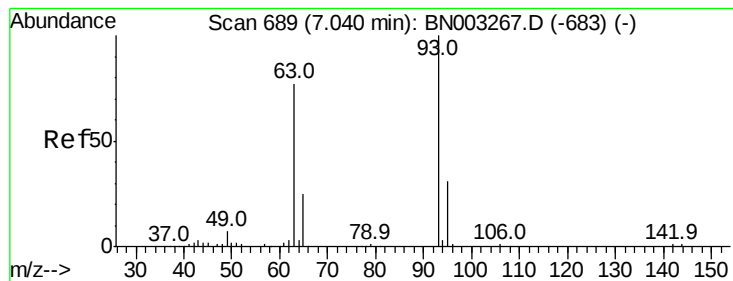


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

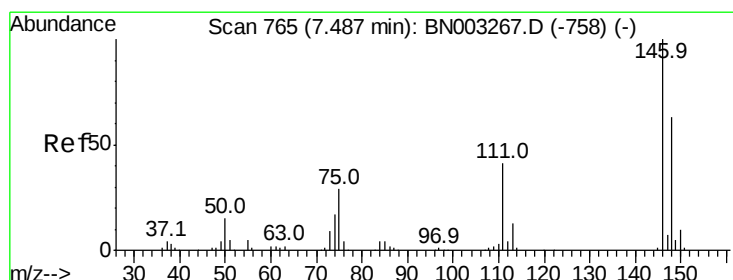
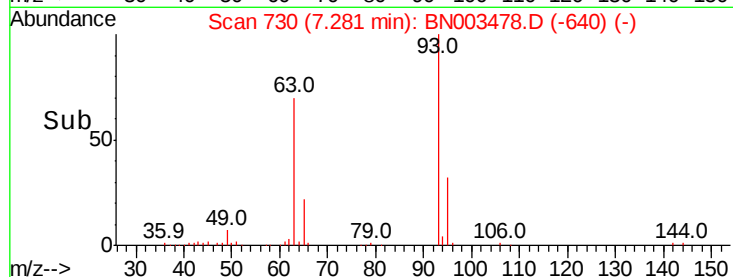
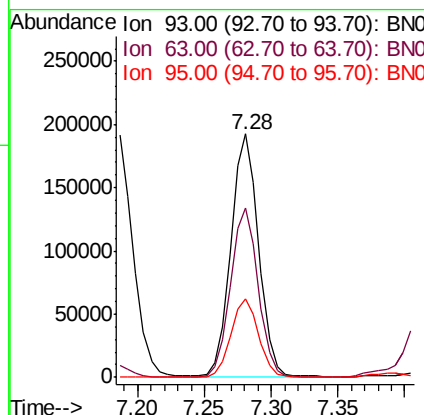
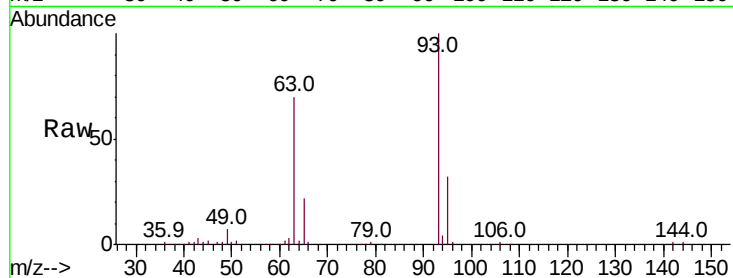




#11
 bis(2-Chloroethyl)ether
 Concen: 40.545 ng
 RT: 7.28 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

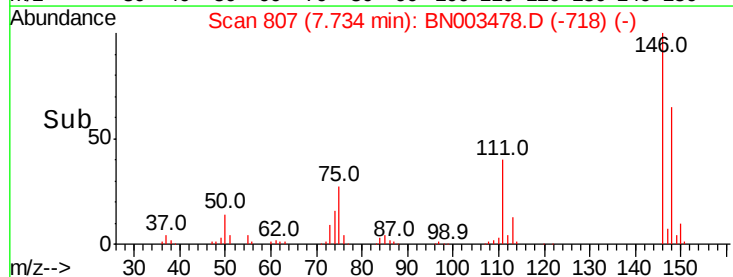
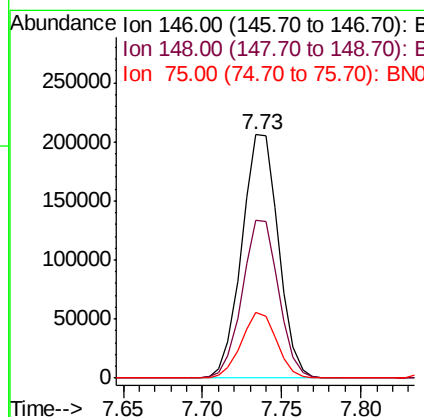
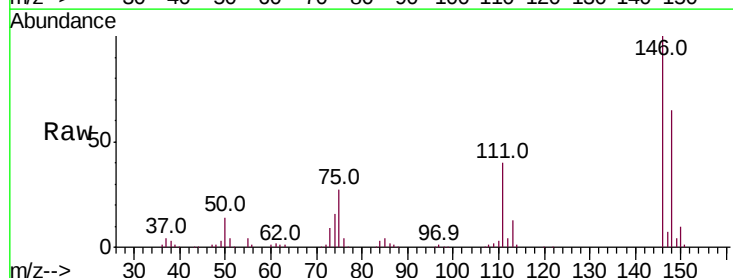
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

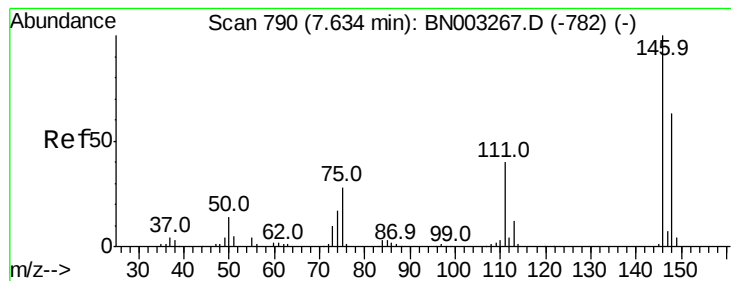
Tot Ion: 93 Resp: 281133
 Ion Ratio Lower Upper
 93 100
 63 69.6 56.6 96.6
 95 32.4 10.9 50.9



#12
 1,3-Dichlorobenzene
 Concen: 42.670 ng
 RT: 7.73 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion: 146 Resp: 330580
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.1 75.1
 75 26.8 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 42.505 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

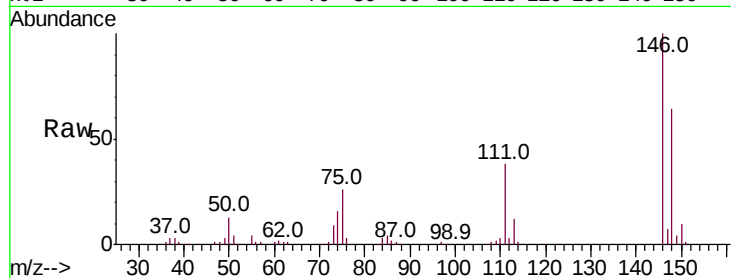
Tot Ion:146 Resp: 339071

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

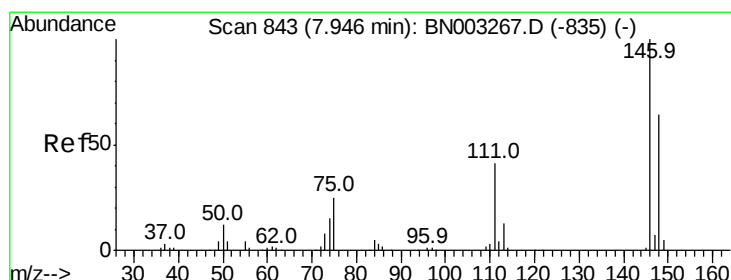
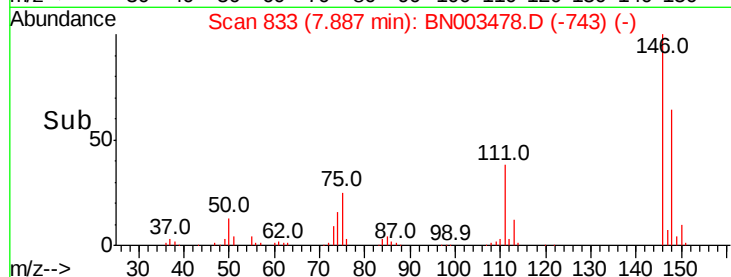
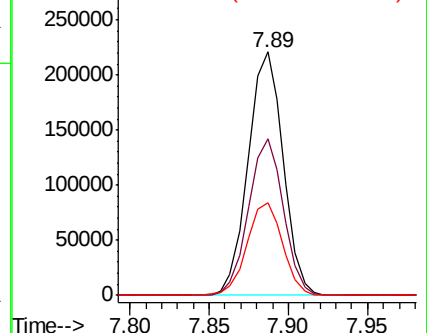
111 38.2 32.1 48.1



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: 42.384 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

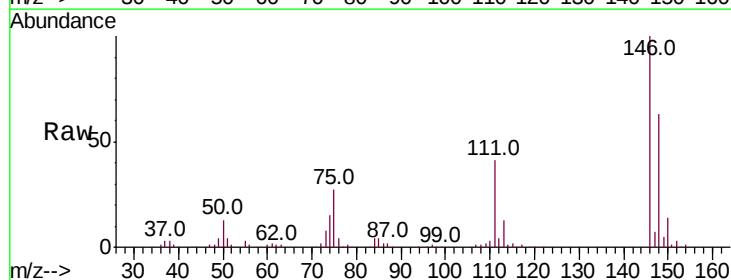
Tgt Ion:146 Resp: 328146

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

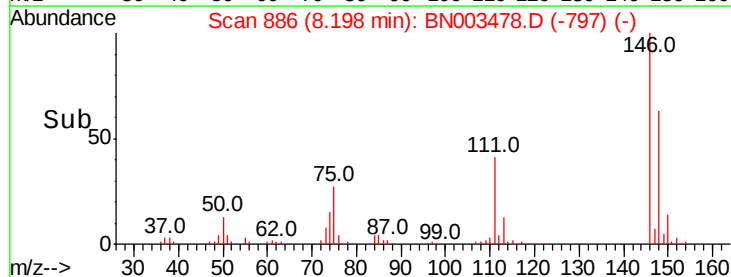
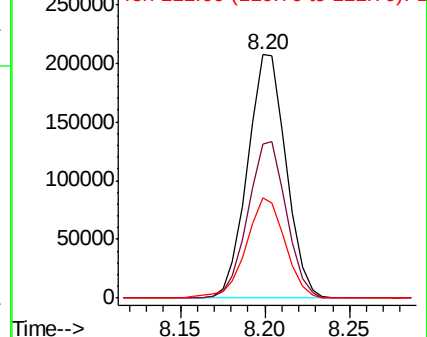
111 41.0 33.1 49.7

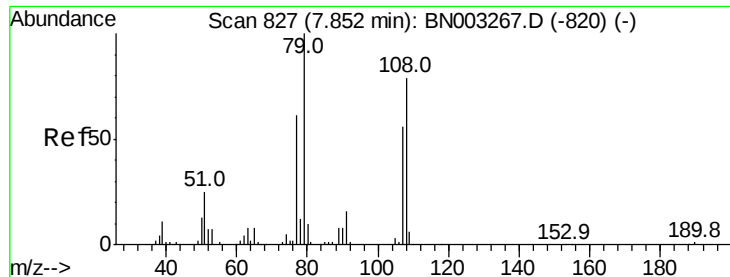


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.678 ng

RT: 8.09 min Scan# 868

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

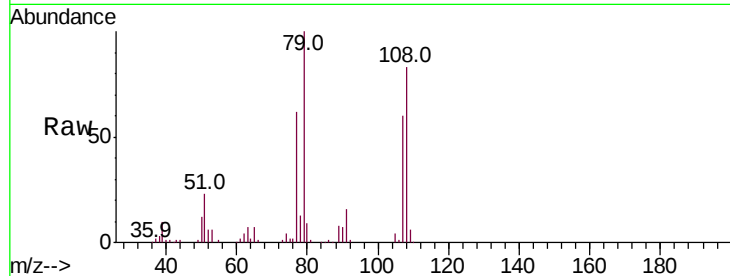
Tot Ion: 79 Resp: 258997

Ion Ratio Lower Upper

79 100

108 82.5 63.3 94.9

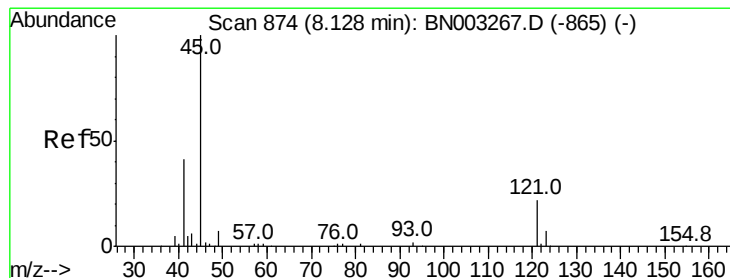
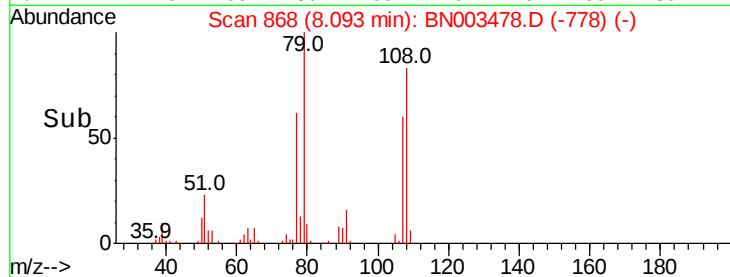
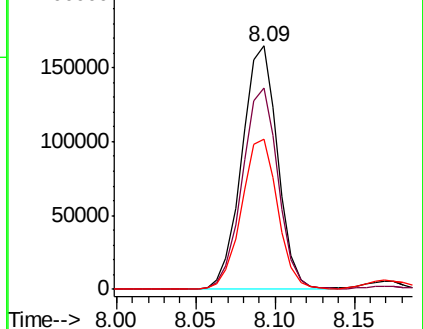
77 61.6 49.0 73.6



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: 35.529 ng

RT: 8.38 min Scan# 917

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

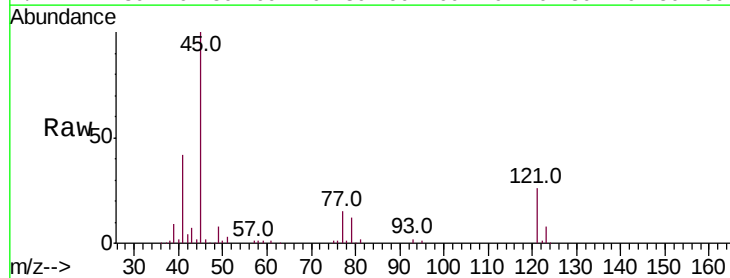
Tgt Ion: 45 Resp: 361191

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.0

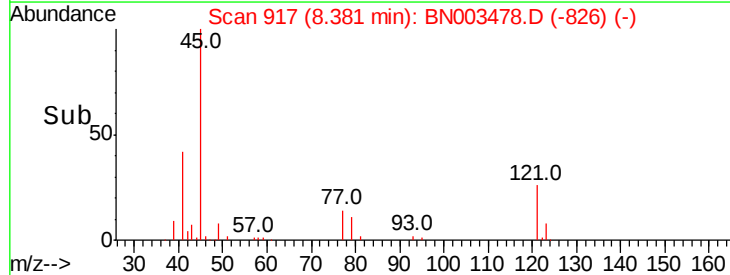
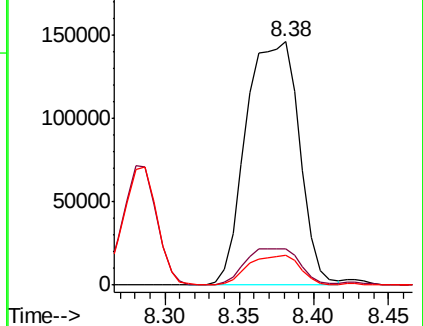
79 12.2 0.0 30.9

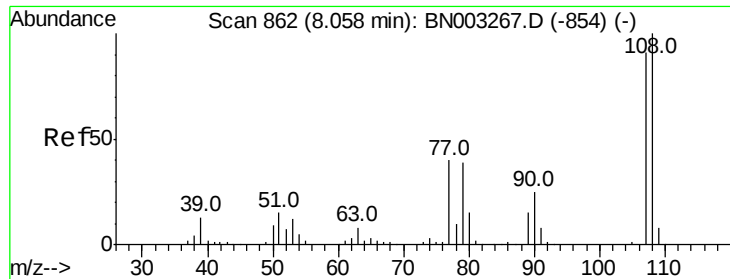


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

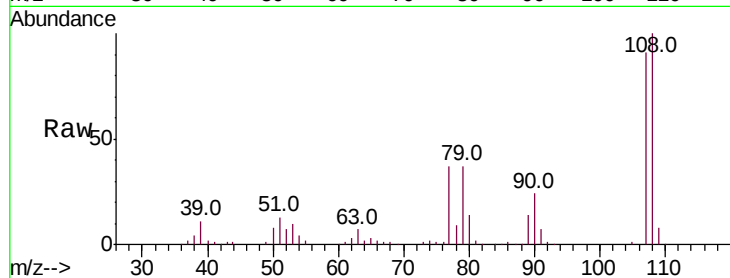




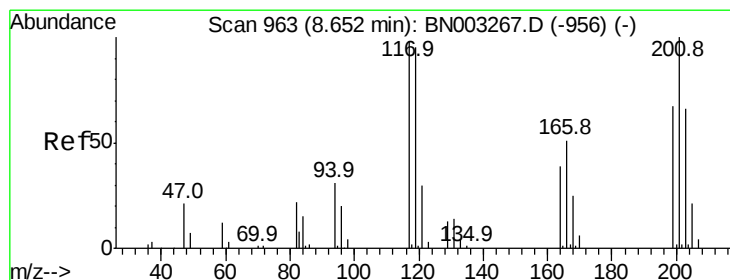
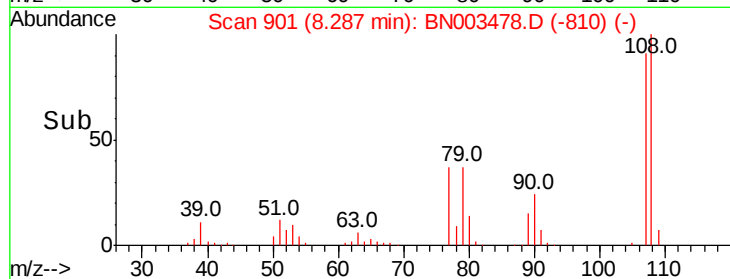
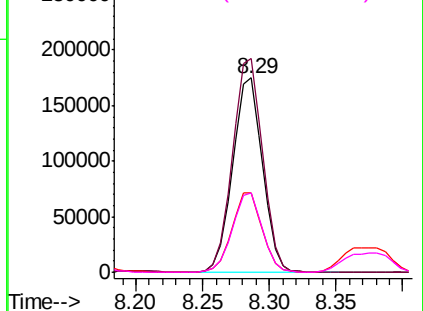
#17
2-Methylphenol
Concen: 47.069 ng
RT: 8.29 min Scan# 901
Delta R.T. 0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:	107	Resp:	273083
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.6	131.4
77	40.7	35.3	52.9
79	40.6	34.2	51.4

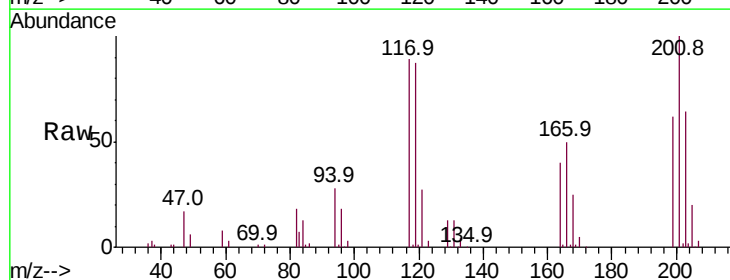


Abundance Ion 107.00 (106.70 to 107.70): E
300000 Ion 108.00 (107.70 to 108.70): E
250000 Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

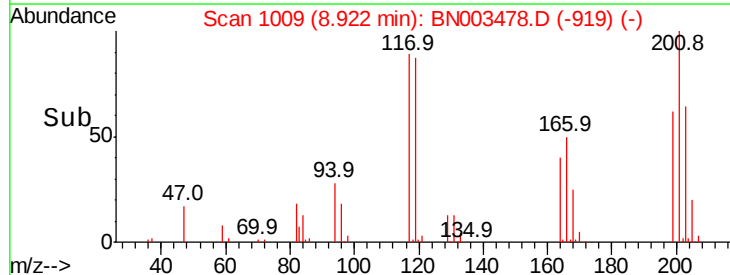
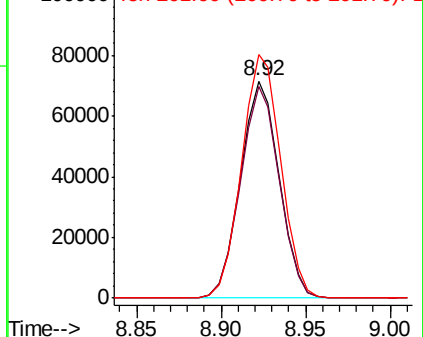


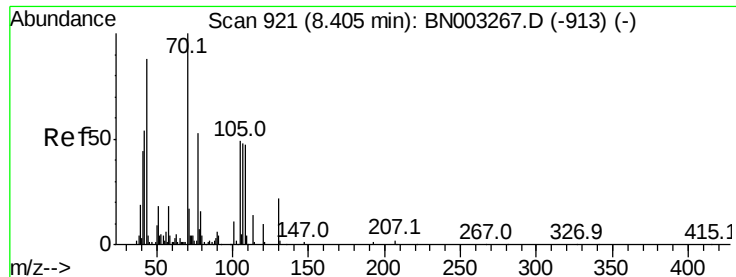
#18
Hexachloroethane
Concen: 40.822 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:	117	Resp:	114083
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.6
201	112.3	81.4	122.2



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.387 ng

RT: 8.66 min Scan# 964

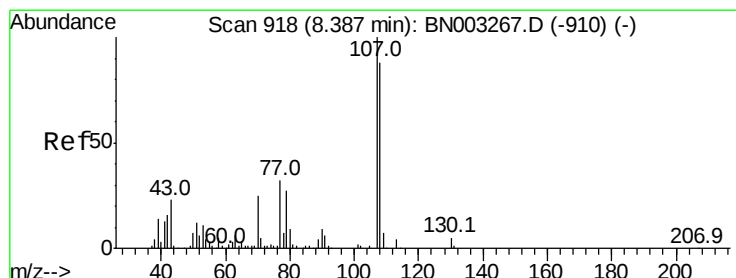
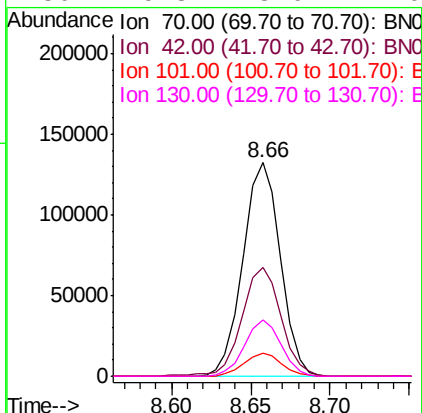
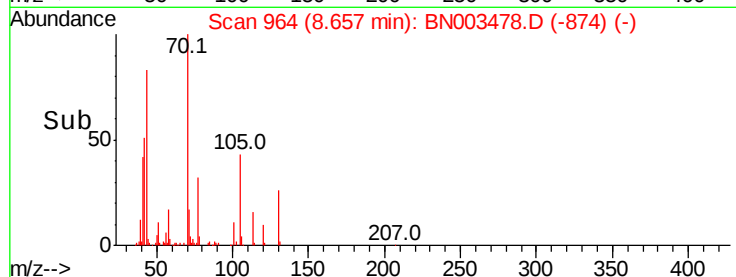
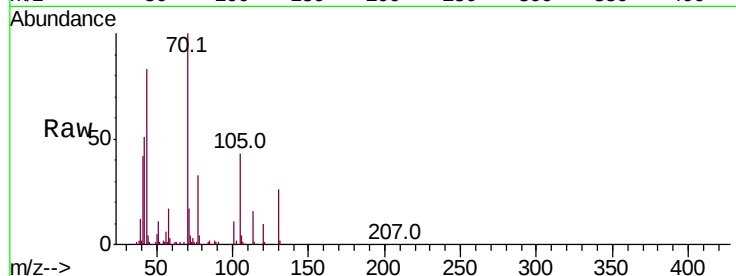
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:	70	Resp:	216876
Ion	Ratio	Lower	Upper
70	100		
42	51.0	43.5	65.3
101	11.1	8.6	12.8
130	26.3	18.0	27.0



#20

3+4-Methylphenols

Concen: 44.779 ng

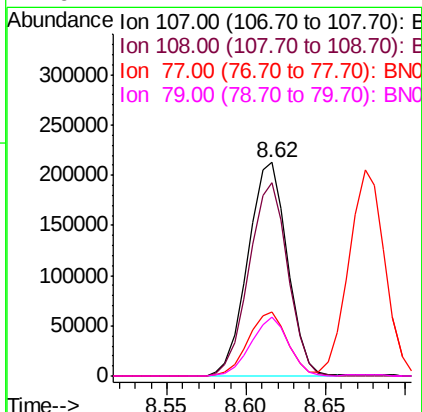
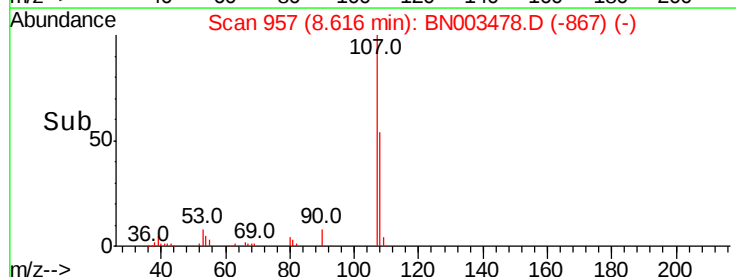
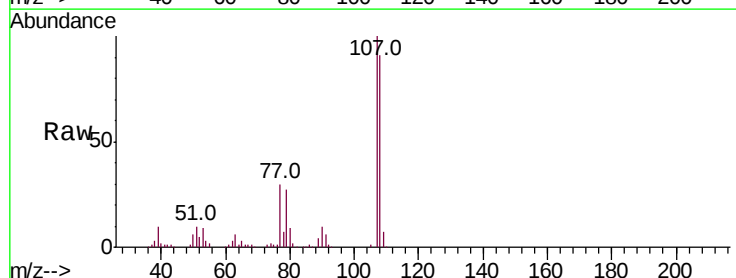
RT: 8.62 min Scan# 957

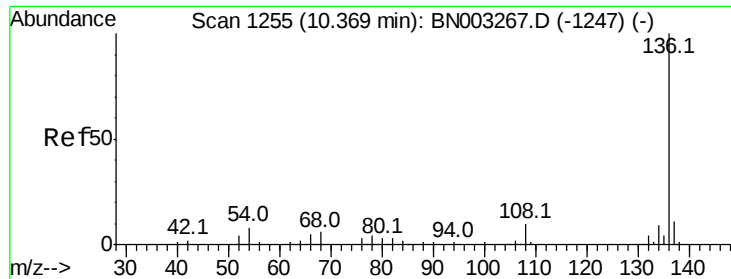
Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:	107	Resp:	369042
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.8	107.8
77	30.1	12.1	52.1
79	27.4	7.2	47.2

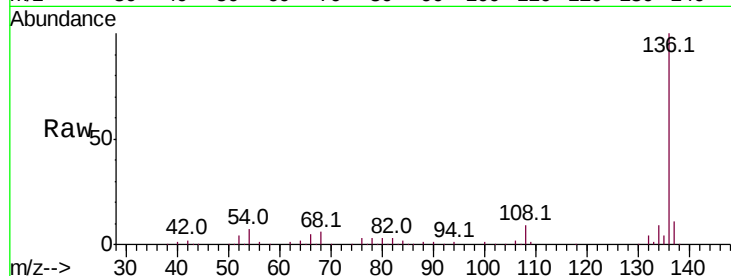




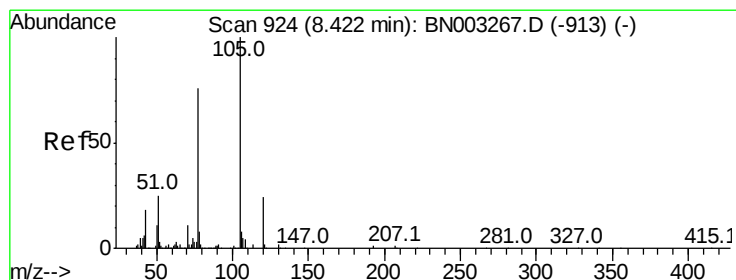
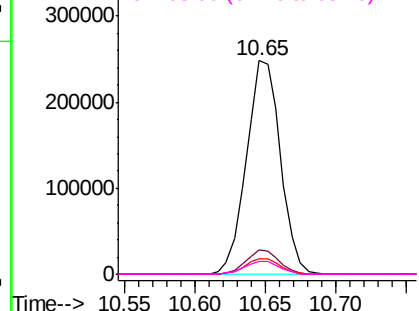
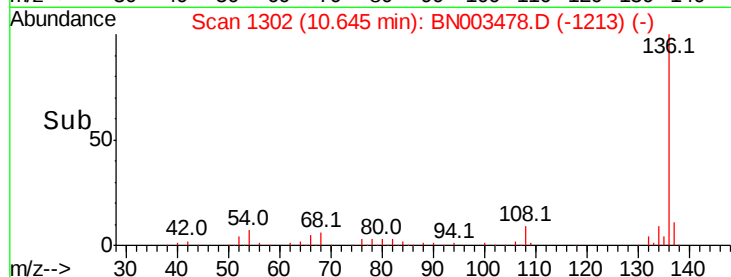
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:136	Resp:	419575
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	7.3	6.6 10.0
68	6.3	4.6 7.0

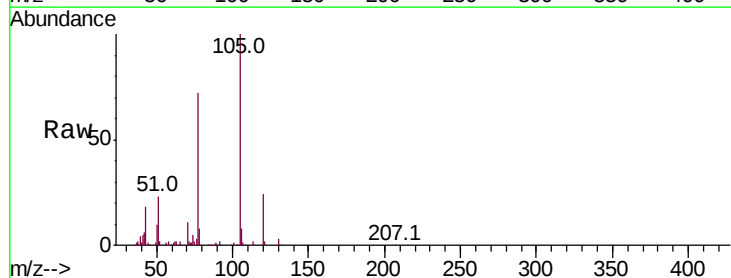


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

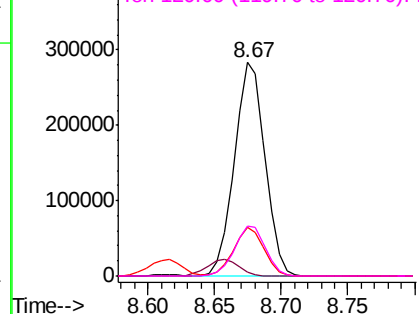
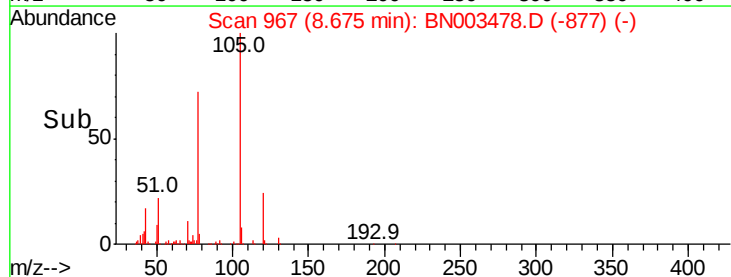


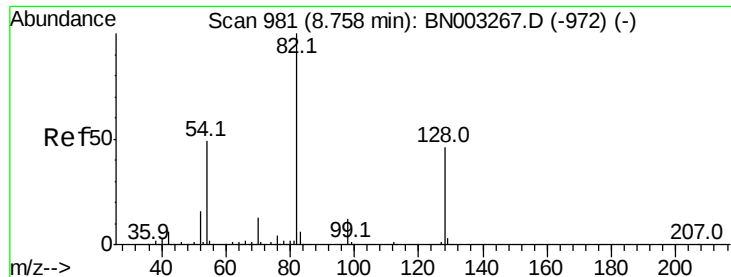
#22
Acetophenone
Concen: 44.588 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:105	Resp:	453476
Ion Ratio	Lower	Upper
105	100	
71	1.9	1.3 1.9
51	22.5	20.5 30.7
120	23.7	19.0 28.6



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





#23

Nitrobenzene-d5

Concen: 83.589 ng

RT: 9.02 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

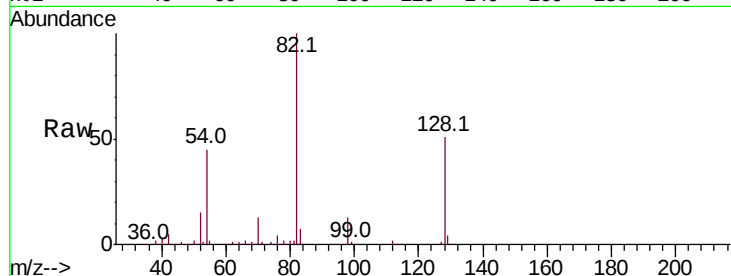
Tot Ion: 82 Resp: 611547

Ion Ratio Lower Upper

82 100

128 50.7 37.1 55.7

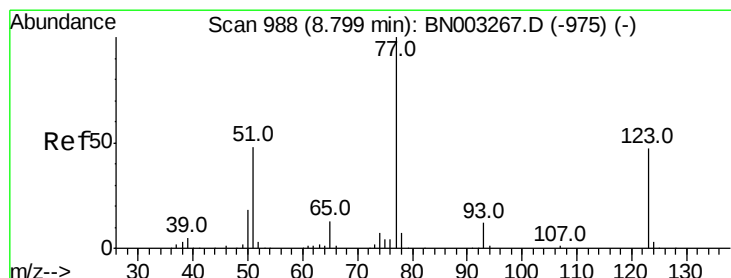
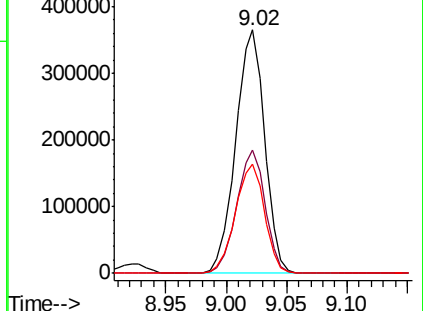
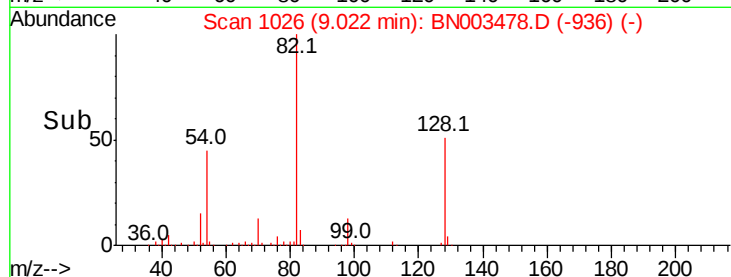
54 44.7 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 42.596 ng

RT: 9.06 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

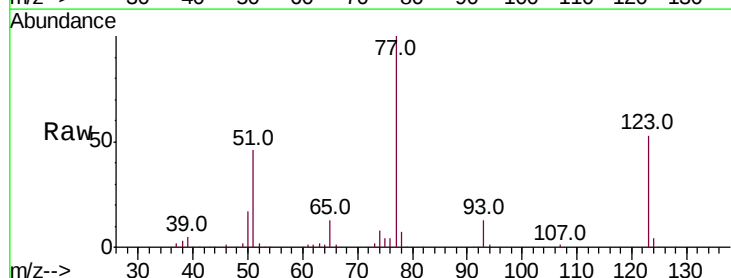
Tgt Ion: 77 Resp: 318005

Ion Ratio Lower Upper

77 100

123 52.8 37.8 56.6

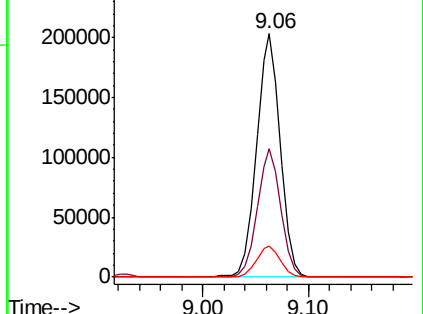
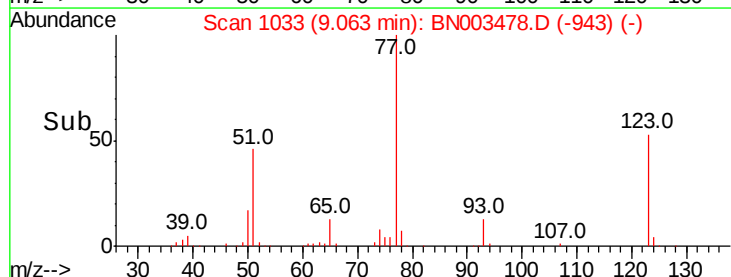
65 12.8 10.7 16.1

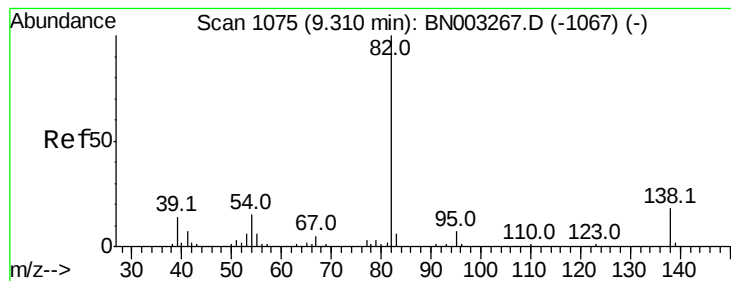


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 47.575 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

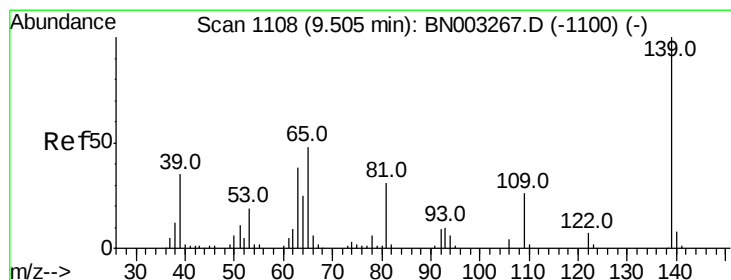
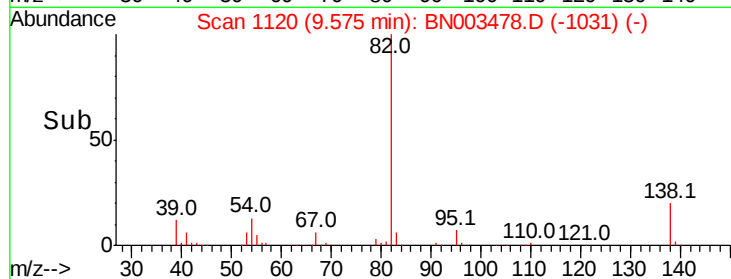
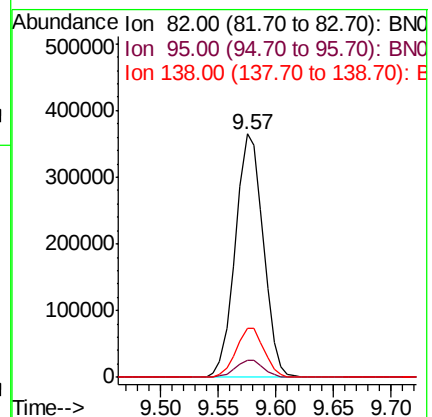
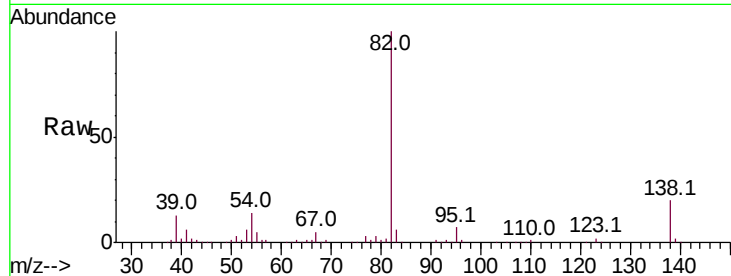
Tot Ion: 82 Resp: 610544

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 19.9 14.5 21.7



#26

2-Nitrophenol

Concen: 45.886 ng

RT: 9.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

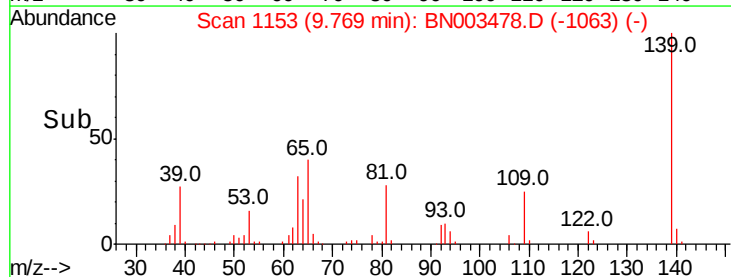
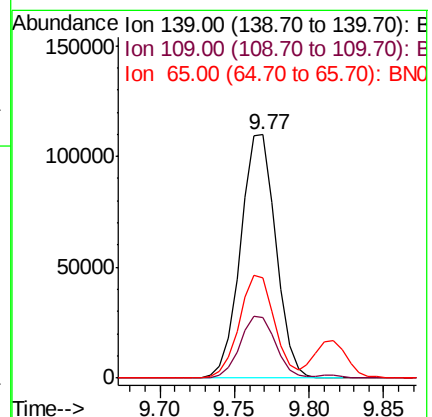
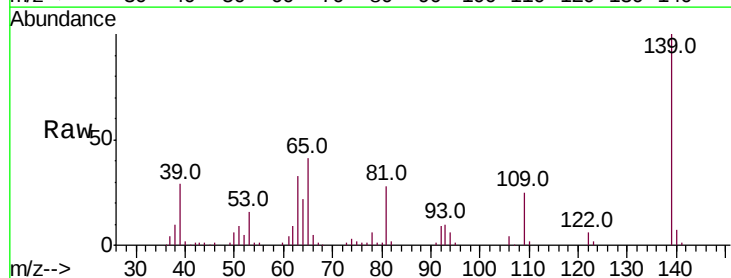
Tgt Ion: 139 Resp: 180306

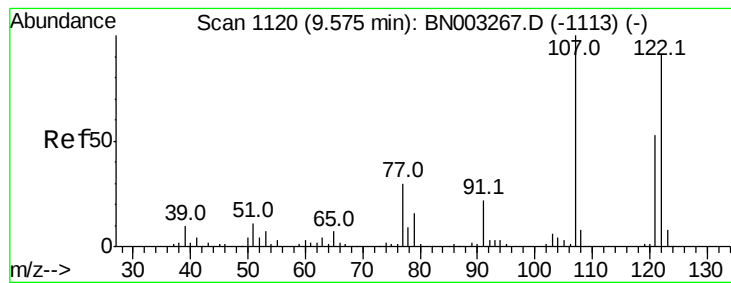
Ion Ratio Lower Upper

139 100

109 24.9 20.5 30.7

65 41.2 38.4 57.6





#27

2,4-Dimethylphenol

Concen: 55.708 ng

RT: 9.82 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

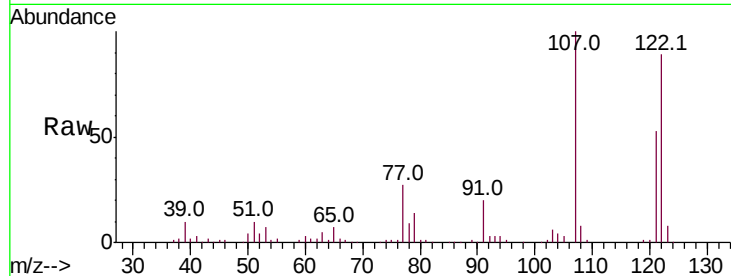
Tot Ion:122 Resp: 307784

Ion Ratio Lower Upper

122 100

107 112.0 87.8 131.6

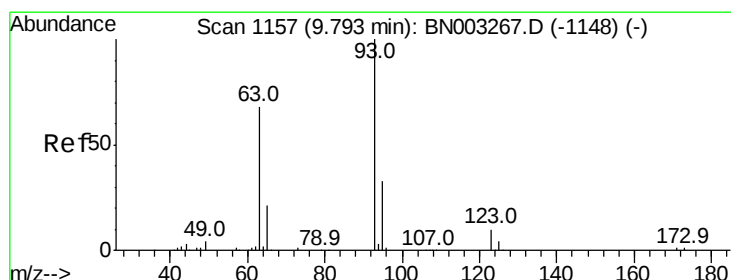
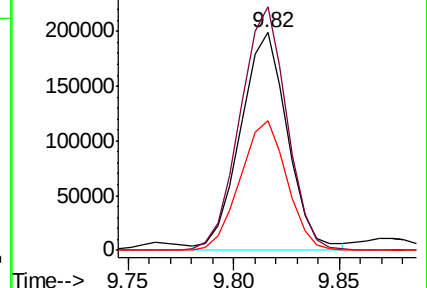
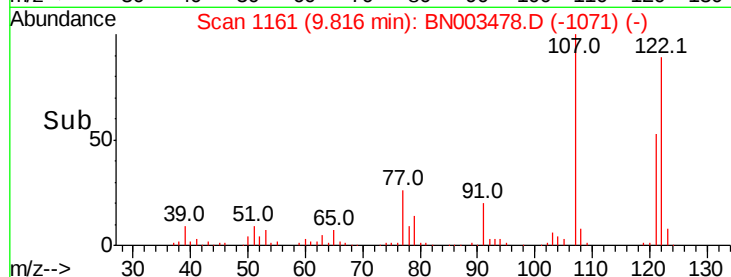
121 59.4 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.821 ng

RT: 10.06 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

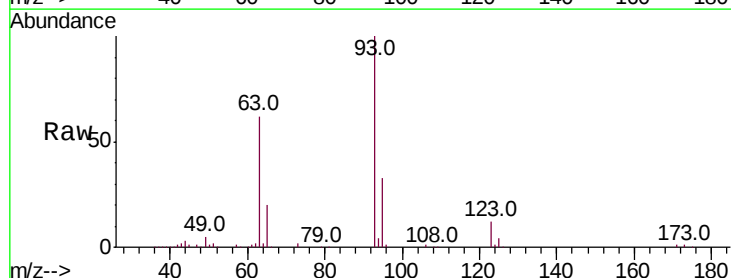
Tgt Ion: 93 Resp: 396156

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

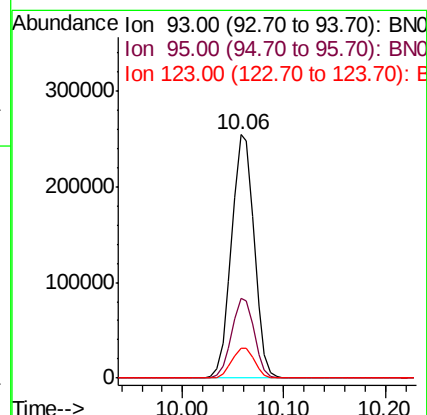
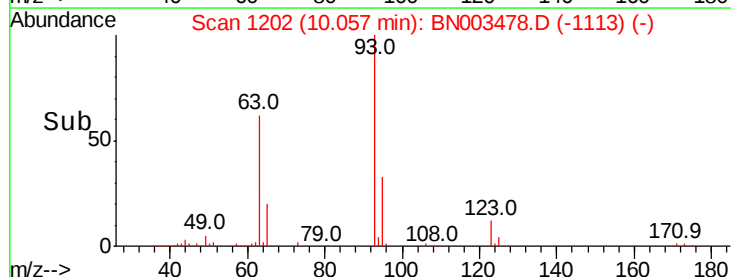
123 12.3 9.1 13.7

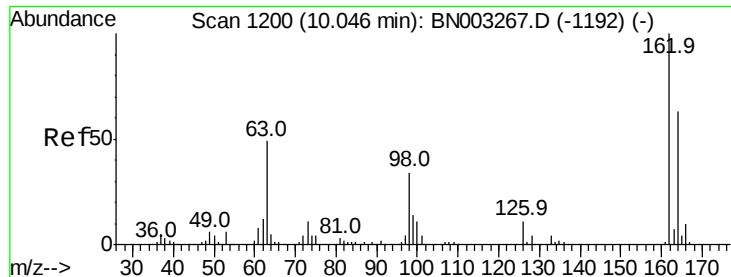


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

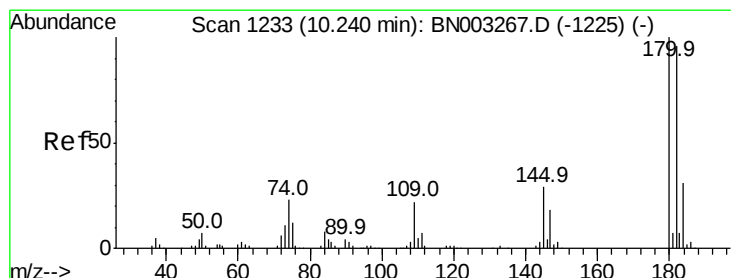
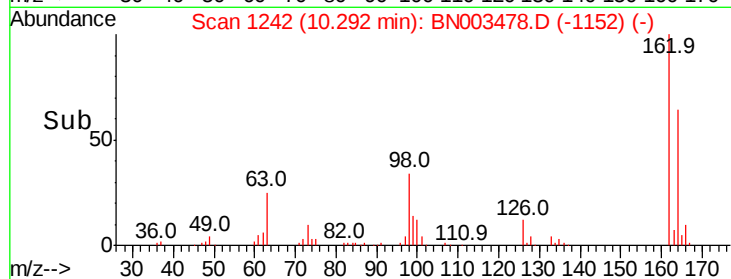
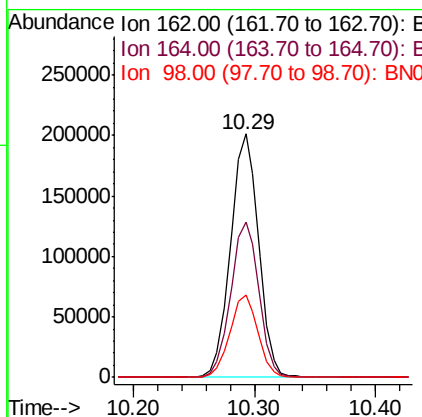
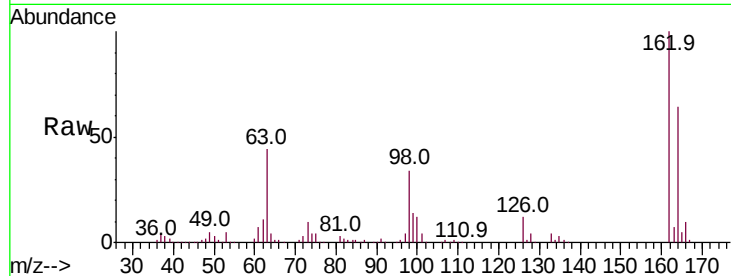




#29
 2,4-Dichlorophenol
 Concen: 51.540 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

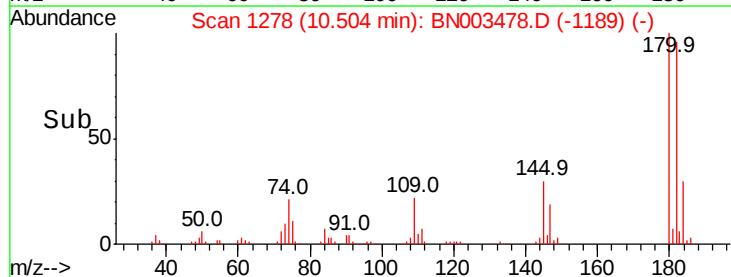
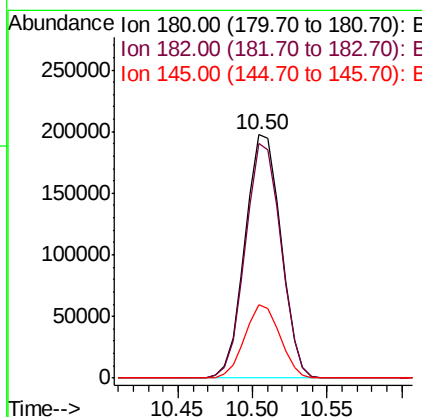
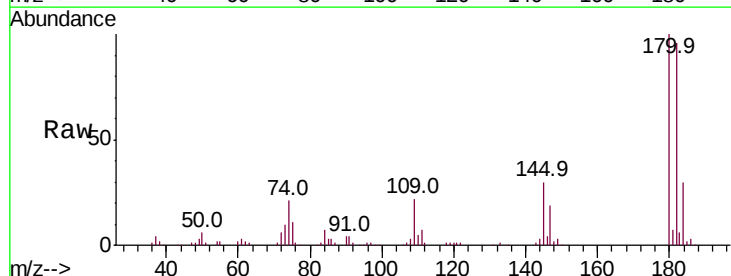
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

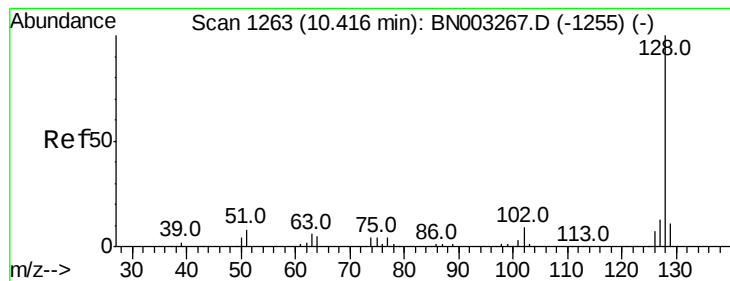
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.5	82.5
98	33.7	14.0	54.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.917 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	30.3	23.6	35.4





#31

Naphthalene

Concen: 48.625 ng

RT: 10.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

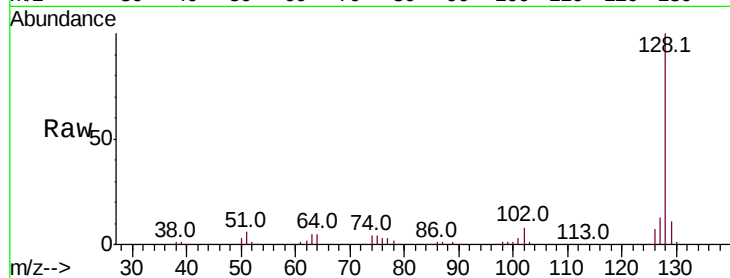
Tot Ion:128 Resp: 996980

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

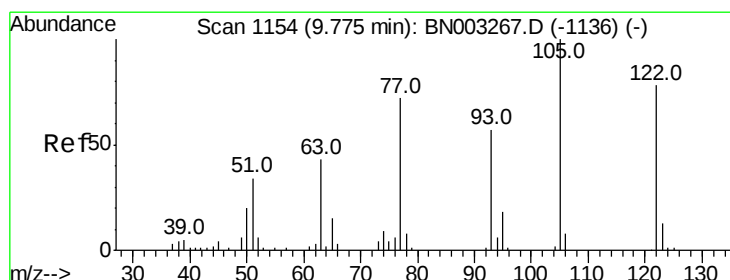
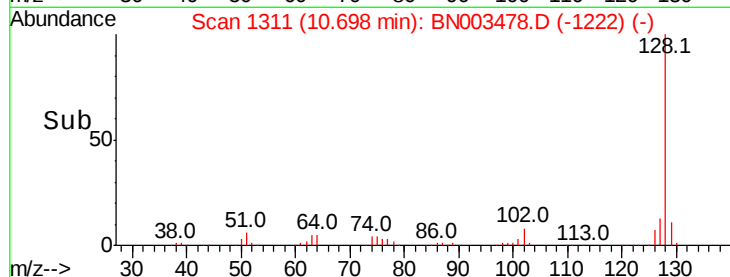
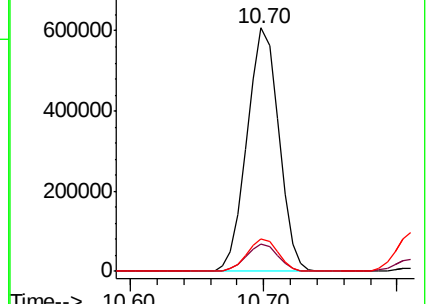
127 13.1 10.4 15.6



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: 9.189 ng

RT: 9.87 min Scan# 1171

Delta R.T. -0.09 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

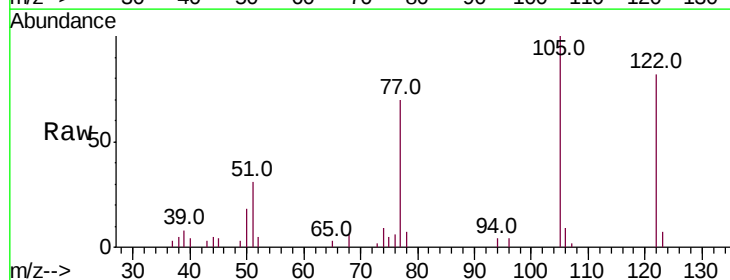
Tgt Ion:122 Resp: 22075

Ion Ratio Lower Upper

122 100

105 122.0 106.8 146.8

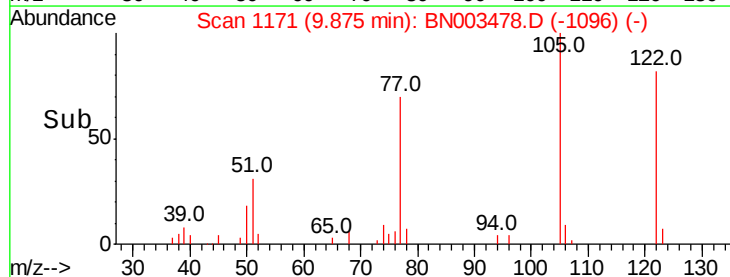
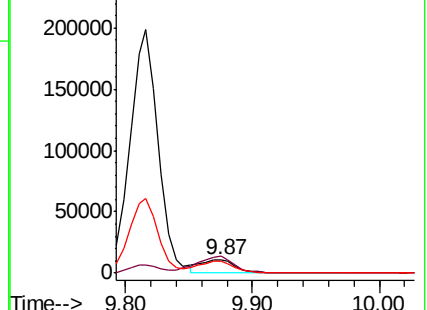
77 85.9 71.9 111.9

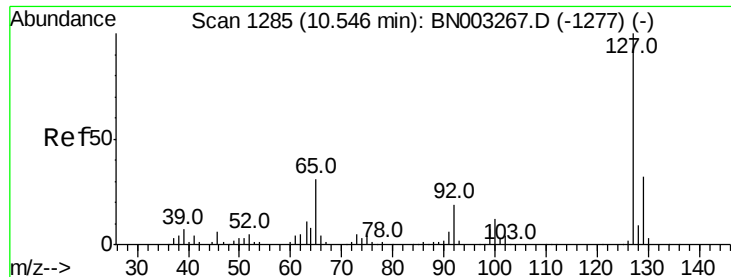


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

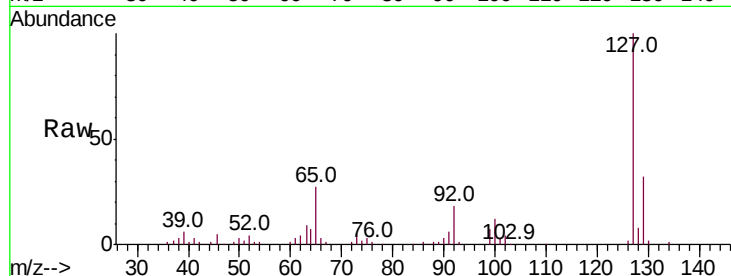




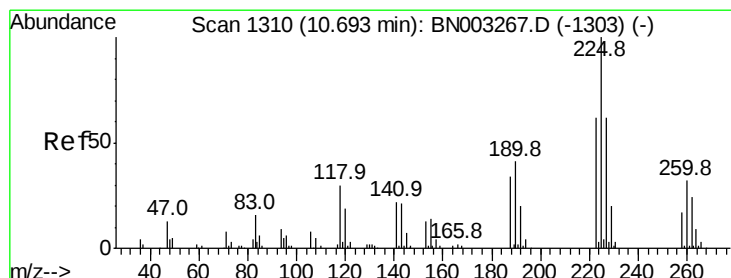
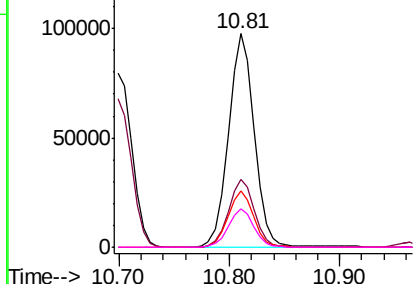
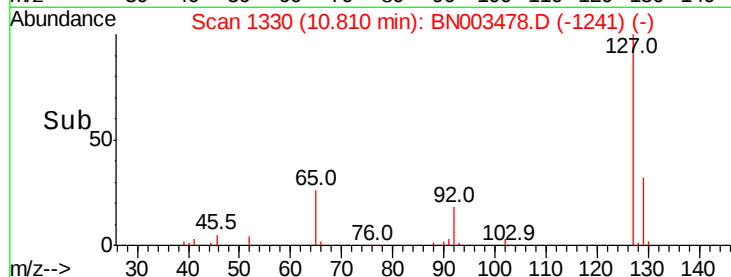
#33
4-Chloroaniline
Concen: 17.660 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:127	Resp:	159996
Ion Ratio	Lower	Upper
127	100	
129	32.0	25.8 38.6
65	26.6	24.6 36.8
92	17.9	15.3 22.9

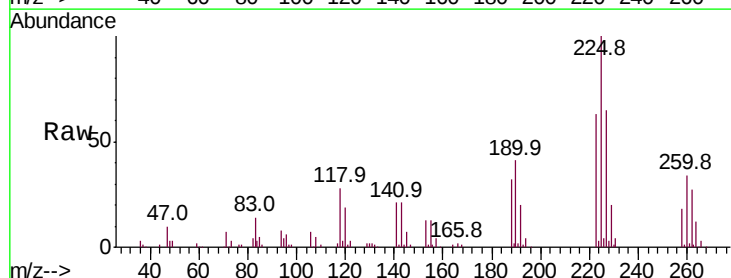


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

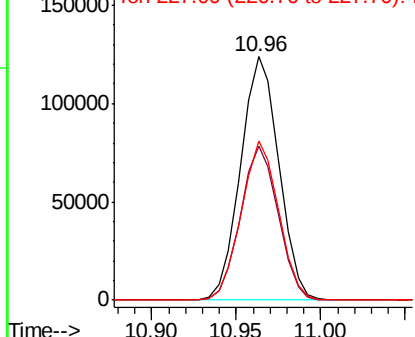
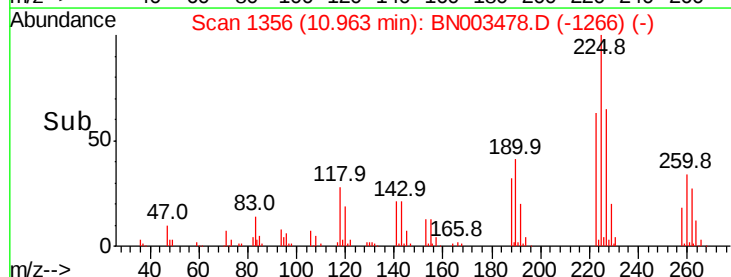


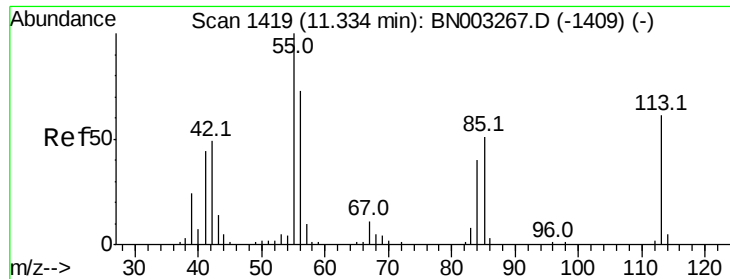
#34
Hexachlorobutadiene
Concen: 45.609 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:225	Resp:	195079
Ion Ratio	Lower	Upper
225	100	
223	63.2	49.8 74.8
227	65.1	49.6 74.4



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.799 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

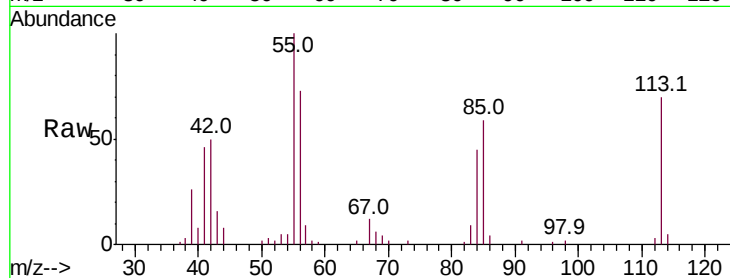
Tot Ion:113 Resp: 41473

Ion Ratio Lower Upper

113 100

55 143.1 144.2 184.2#

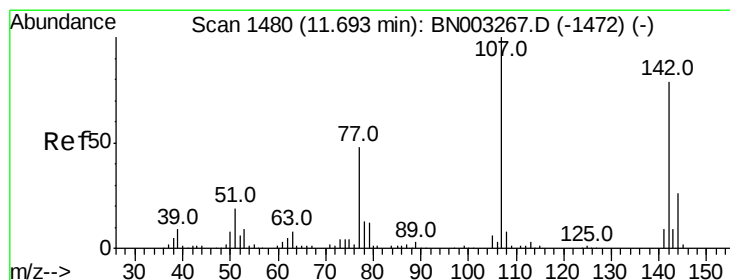
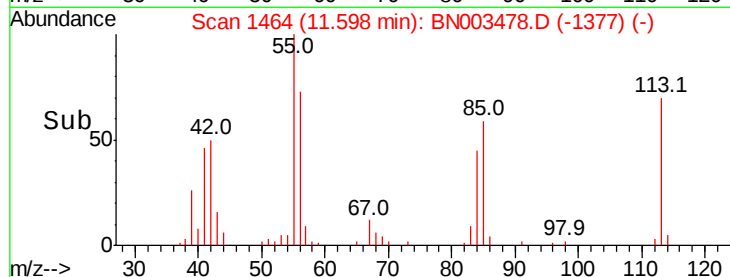
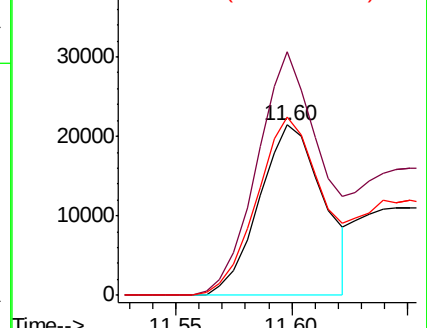
56 105.0 100.6 140.6



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: 46.405 ng

RT: 11.93 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

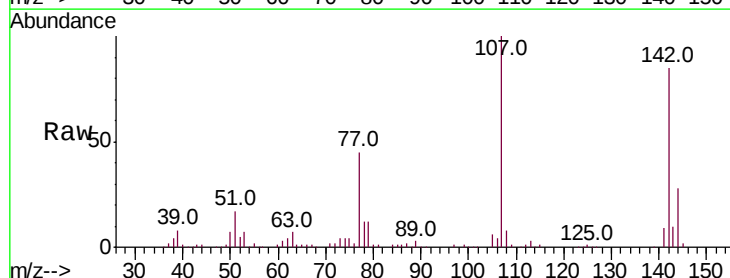
Tgt Ion:107 Resp: 326314

Ion Ratio Lower Upper

107 100

144 27.8 20.8 31.2

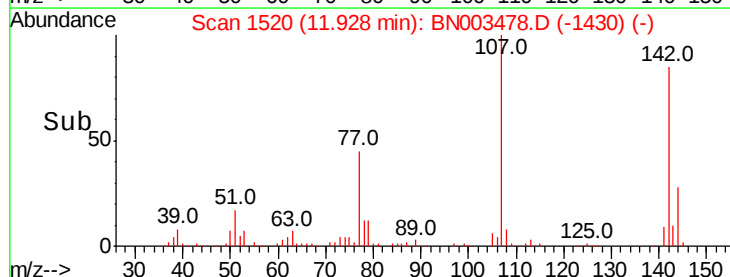
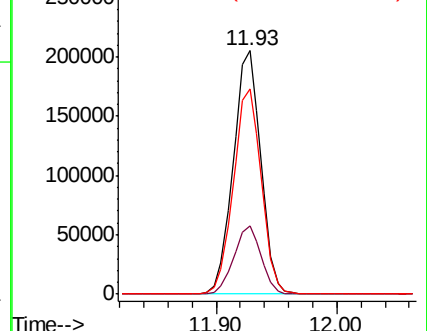
142 84.5 63.5 95.3

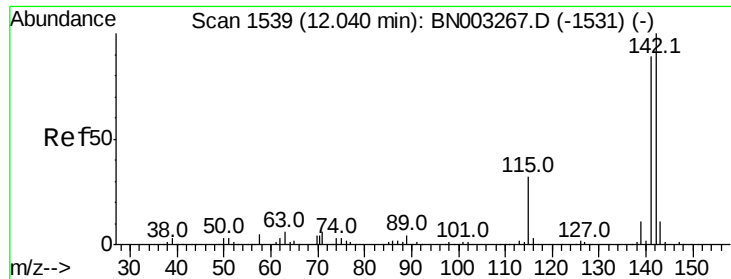


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

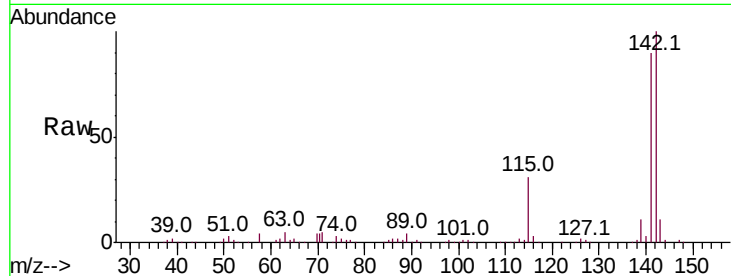




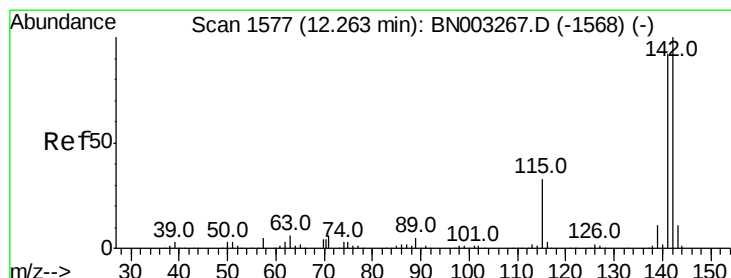
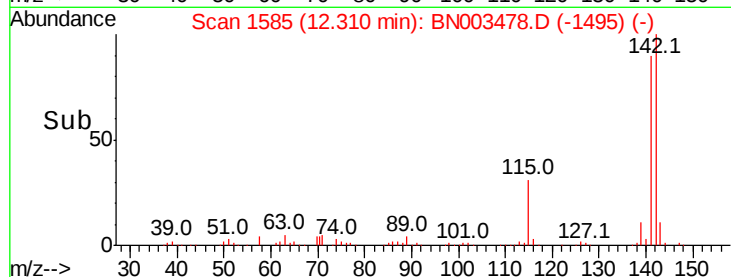
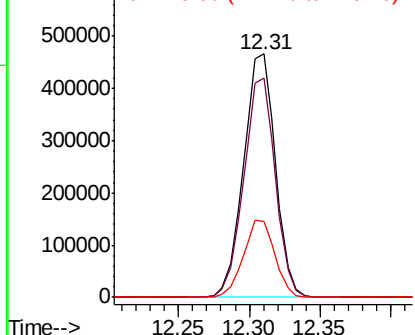
#37
2-Methylnaphthalene
Concen: 50.316 ng
RT: 12.31 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:142 Resp: 737245
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4
115 31.3 25.5 38.3

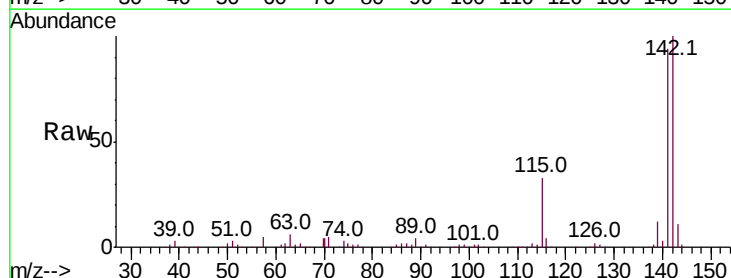


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

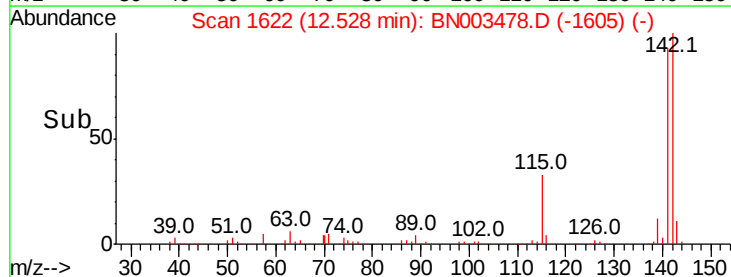
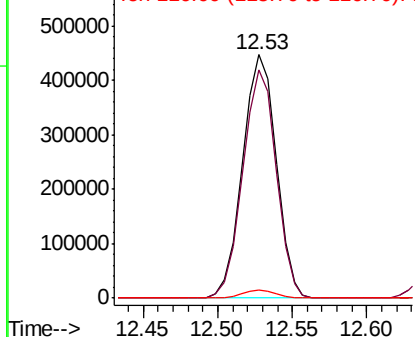


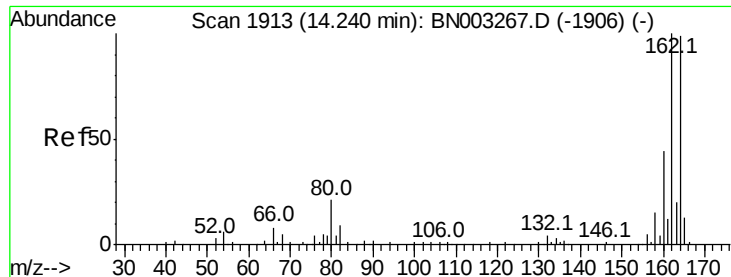
#38
1-Methylnaphthalene
Concen: 48.729 ng
RT: 12.53 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:142 Resp: 697352
Ion Ratio Lower Upper
142 100
141 93.8 73.6 110.4
116 3.6 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

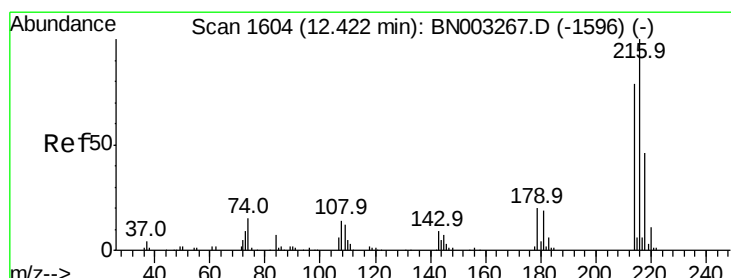
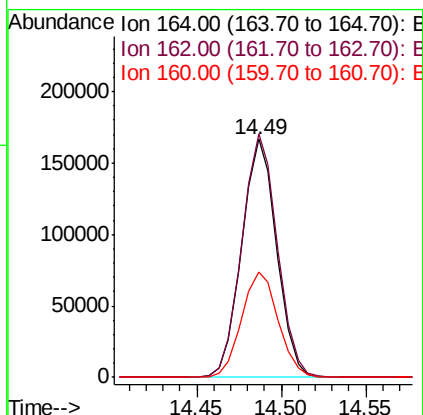
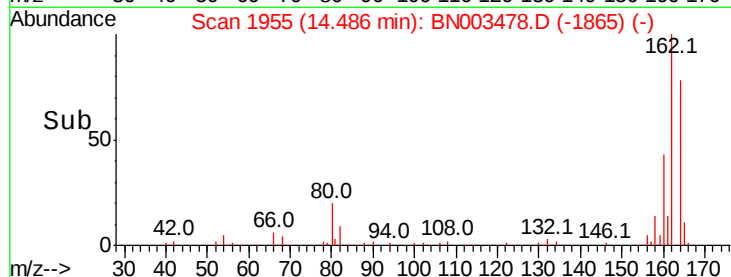
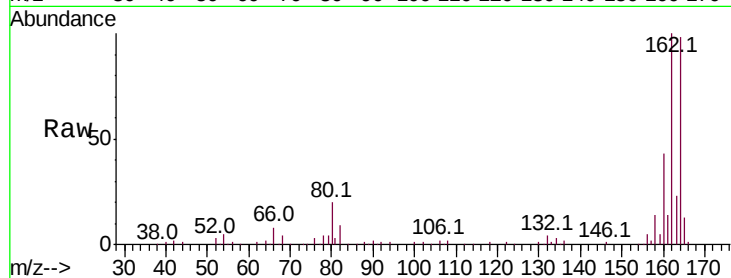
Tot Ion:164 Resp: 239515

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 44.5 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.683 ng

RT: 12.67 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:216 Resp: 385742

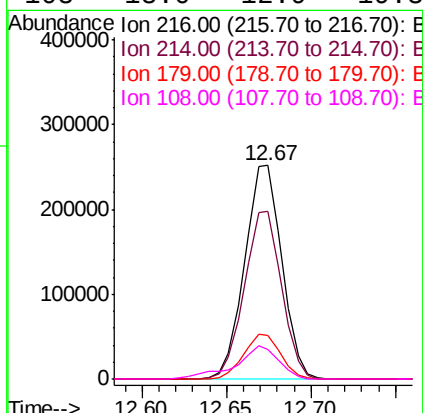
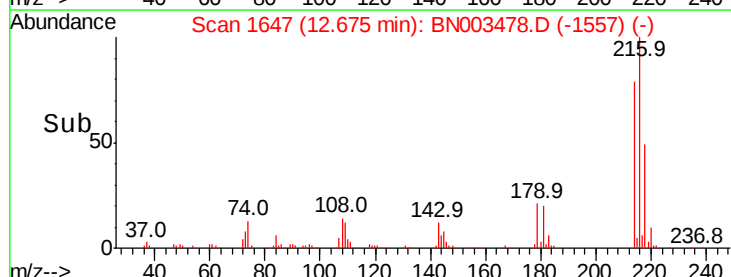
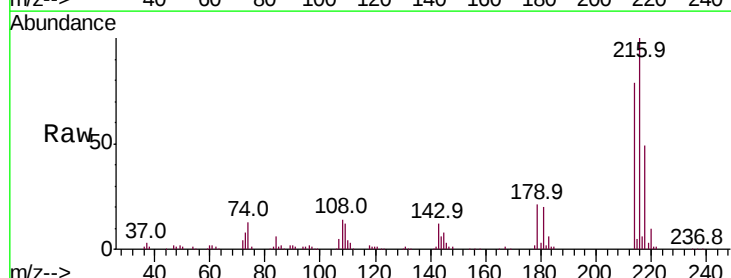
Ion Ratio Lower Upper

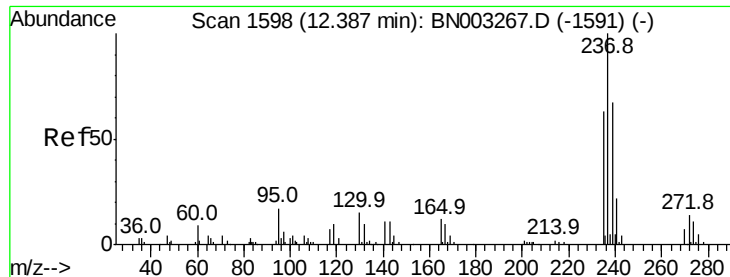
216 100

214 78.5 62.8 94.2

179 20.7 16.0 24.0

108 18.0 12.9 19.3





#41

Hexachlorocyclopentadiene

Concen: 136.563 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

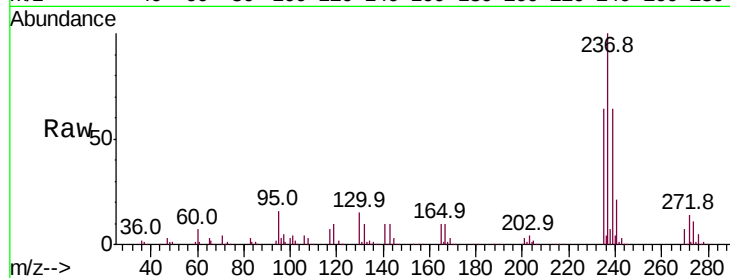
Tot Ion:237 Resp: 493606

Ion Ratio Lower Upper

237 100

235 63.5 42.8 82.8

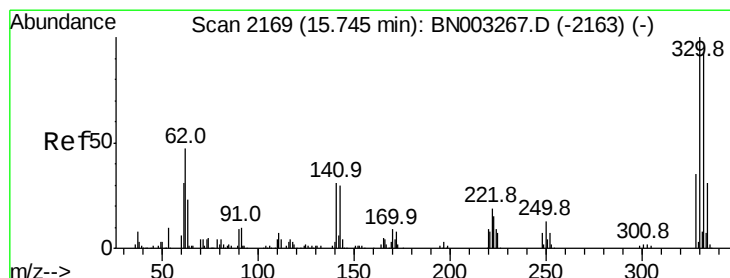
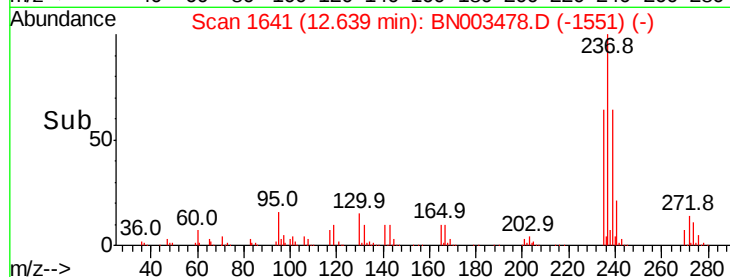
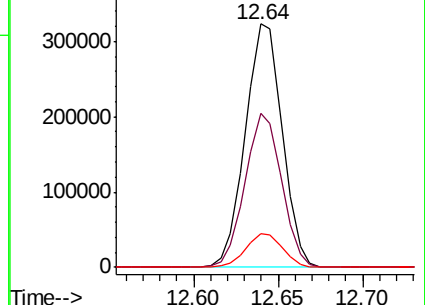
272 13.9 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 150.869 ng

RT: 15.98 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

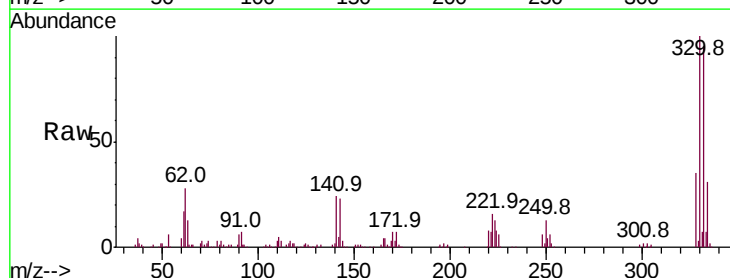
Tgt Ion:330 Resp: 486574

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

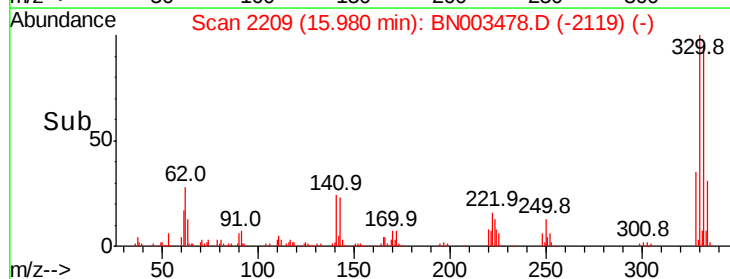
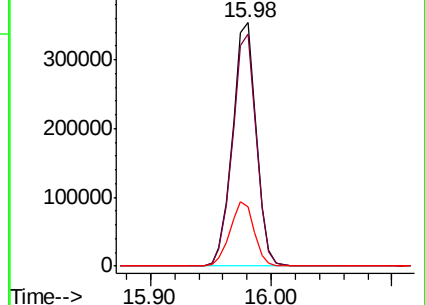
141 26.8 24.5 36.7

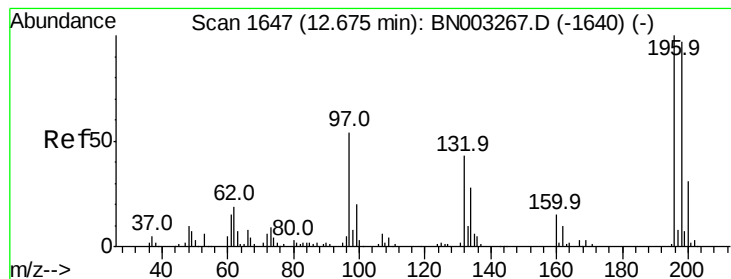


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

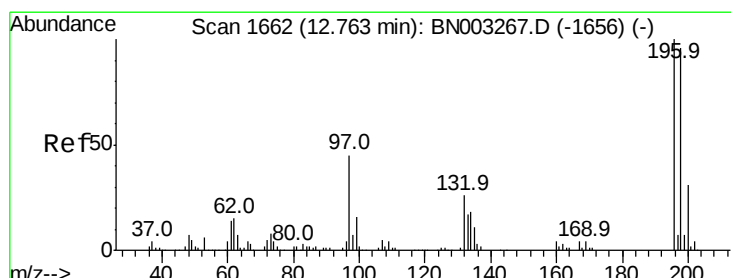
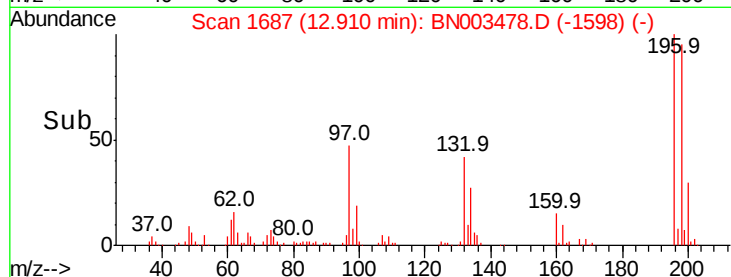
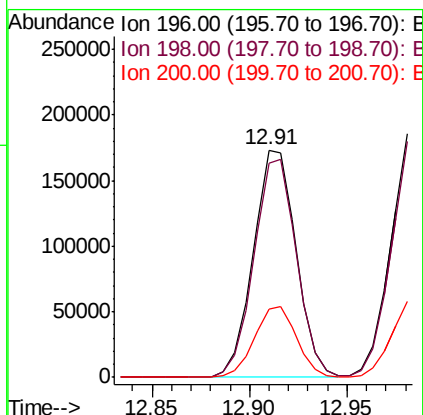
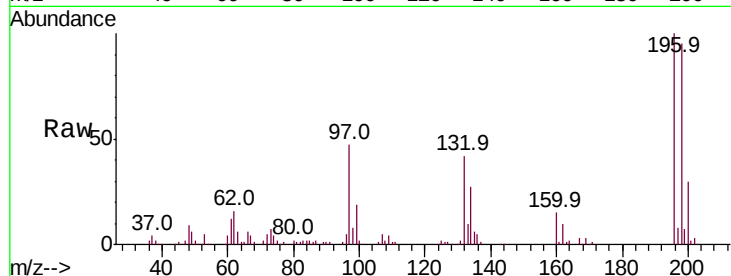




#43
 2,4,6-Trichlorophenol
 Concen: 52.569 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

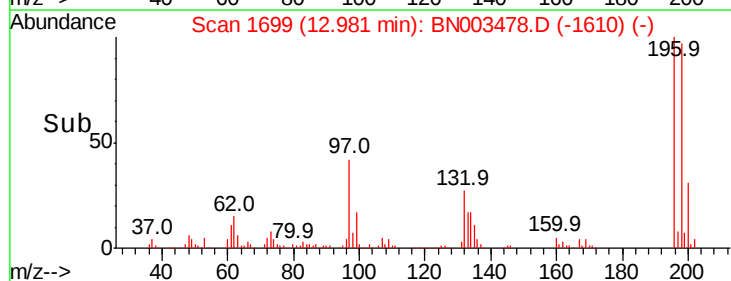
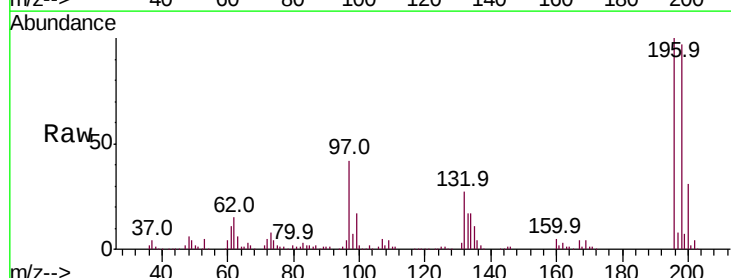
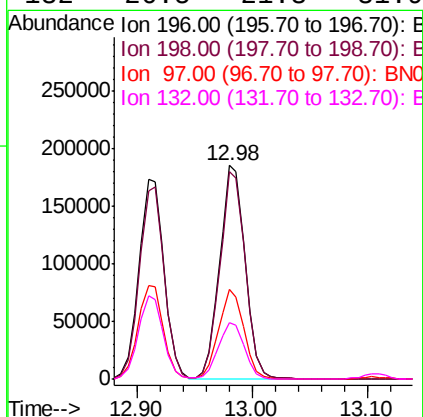
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

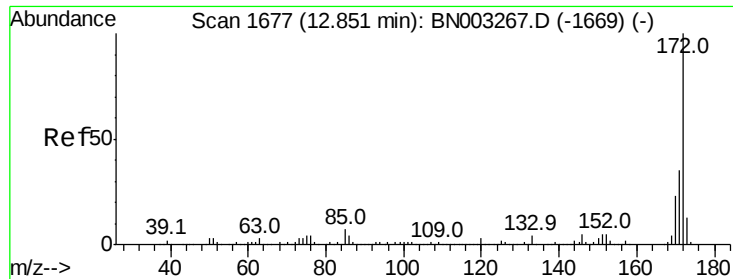
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.4	116.0
200	30.3	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 54.210 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.8	115.2
97	41.9	35.8	53.8
132	26.5	21.3	31.9



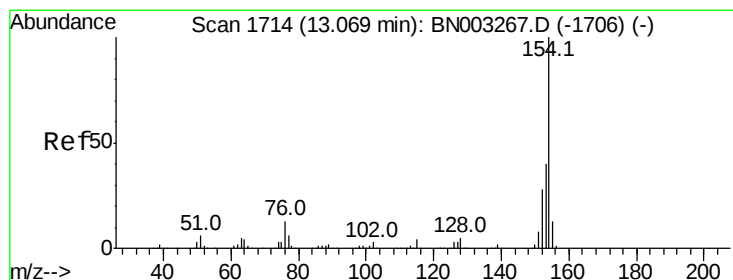
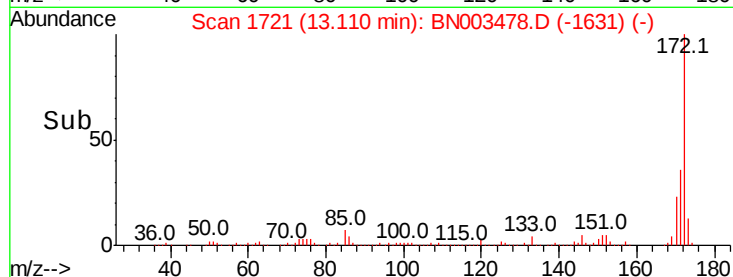
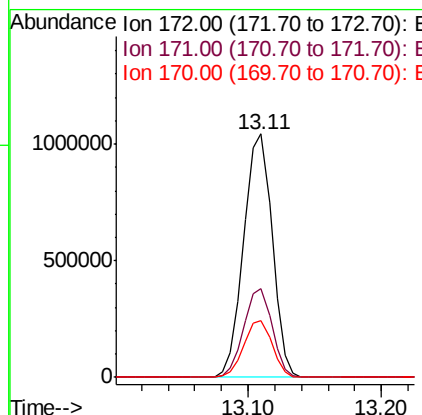
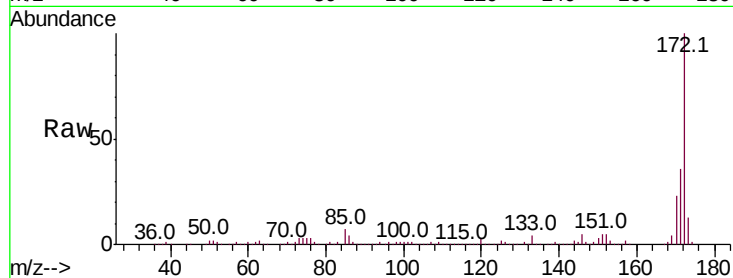


#45
 2-Fluorobiphenyl
 Concen: 87.252 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tot Ion:172 Resp: 1540676

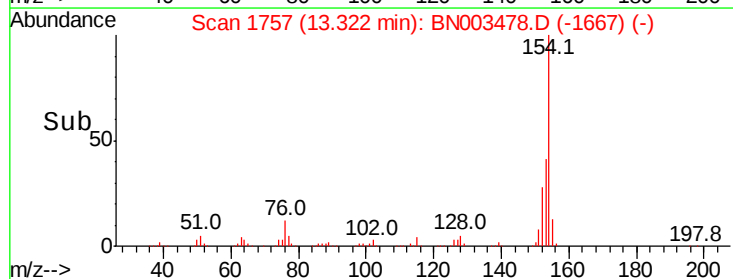
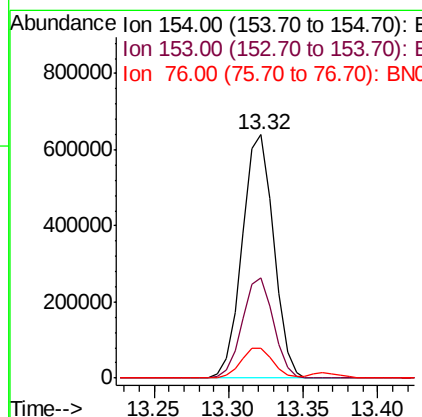
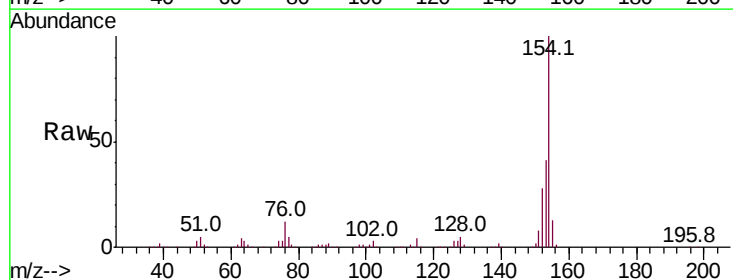
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	23.4	18.4	27.6

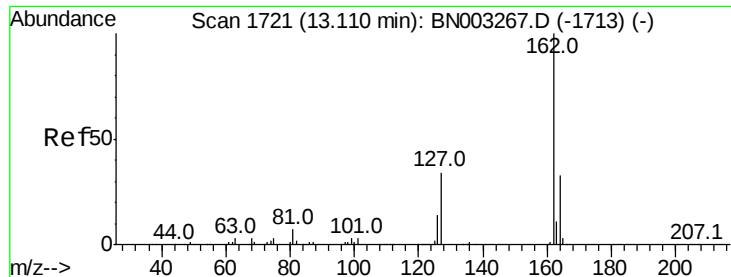


#46
 1,1'-Biphenyl
 Concen: 44.393 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion:154 Resp: 933213

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	12.3	0.0	33.3

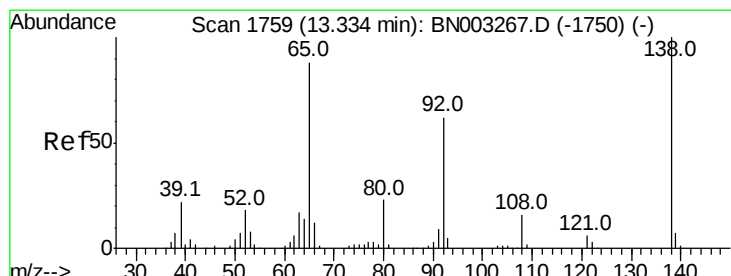
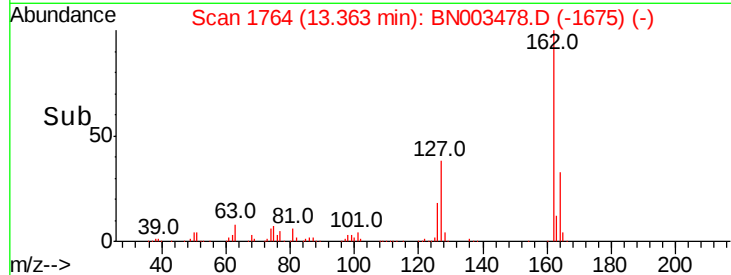
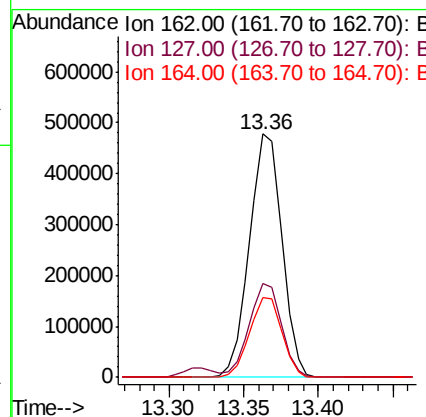
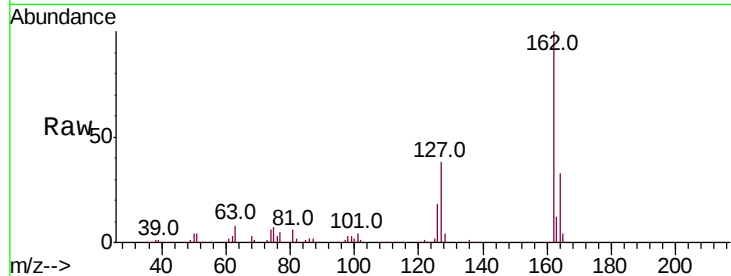




#47
 2-Chloronaphthalene
 Concen: 46.485 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

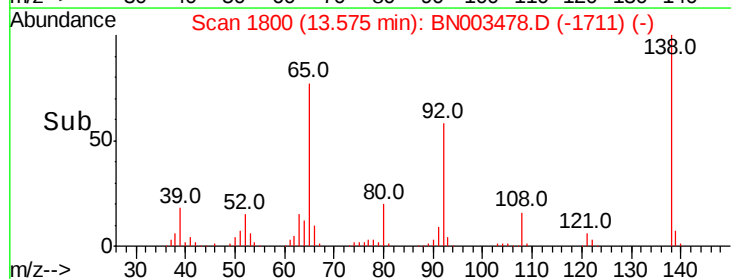
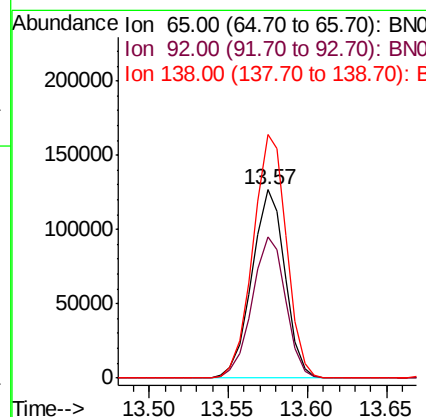
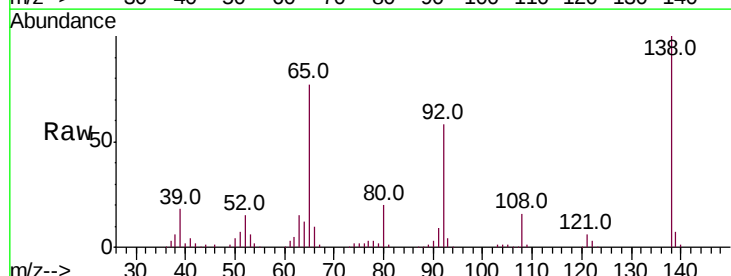
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

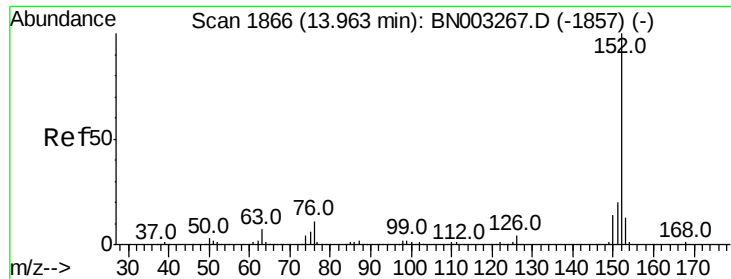
Tot Ion:	162	Resp:	720802
Ion	Ratio	Lower	Upper
162	100		
127	38.3	29.8	44.6
164	33.0	26.3	39.5



#48
 2-Nitroaniline
 Concen: 40.524 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion:	65	Resp:	184628
Ion	Ratio	Lower	Upper
65	100		
92	74.9	56.1	84.1
138	129.5	90.6	136.0





#49

Acenaphthylene

Concen: 48.935 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

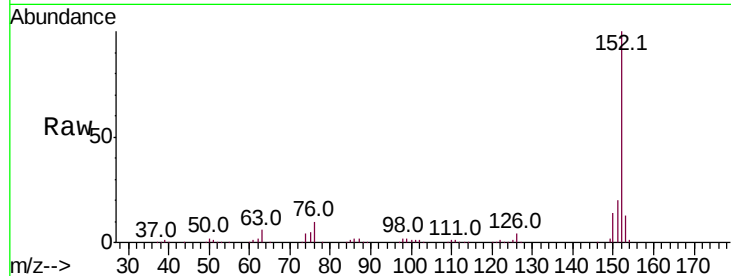
Tot Ion:152 Resp: 1161424

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

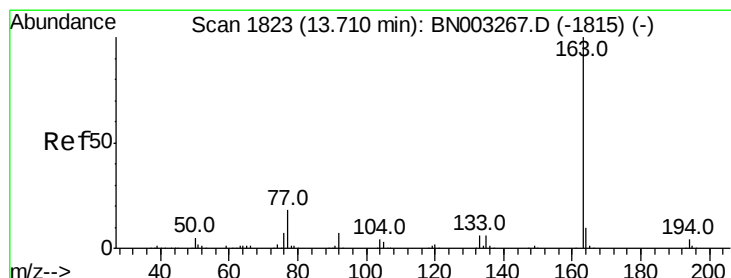
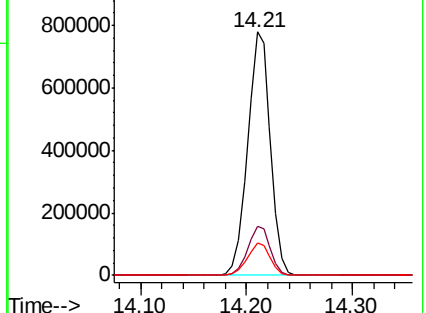
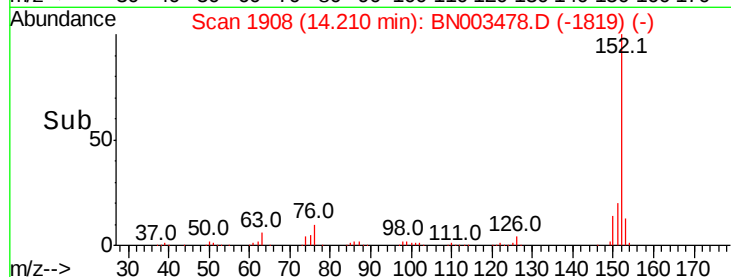
153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.148 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

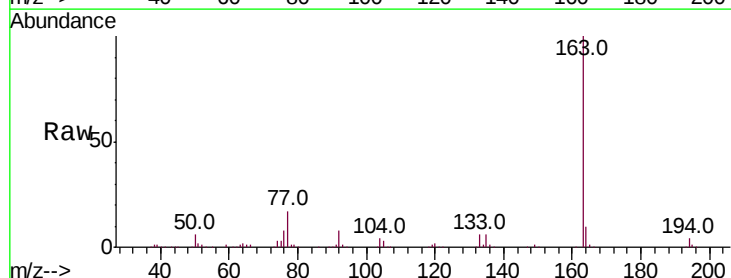
Tgt Ion:163 Resp: 1087366

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

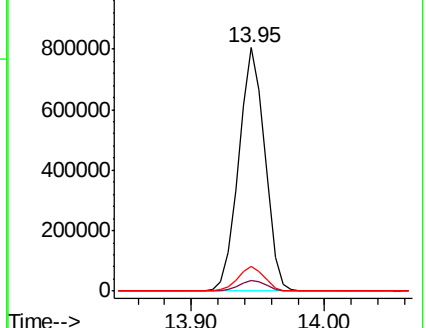
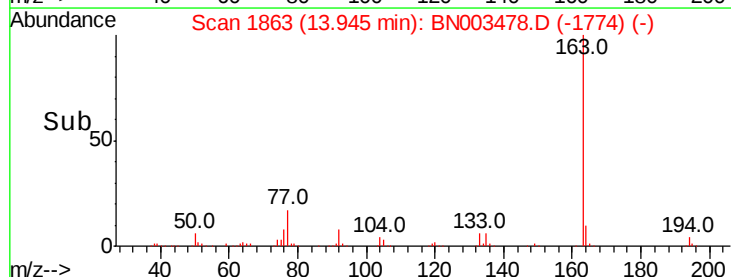
164 10.2 7.9 11.9

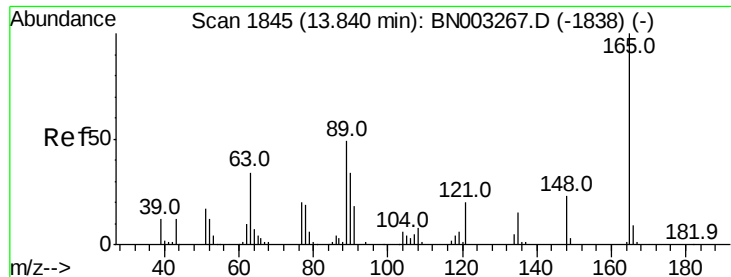


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

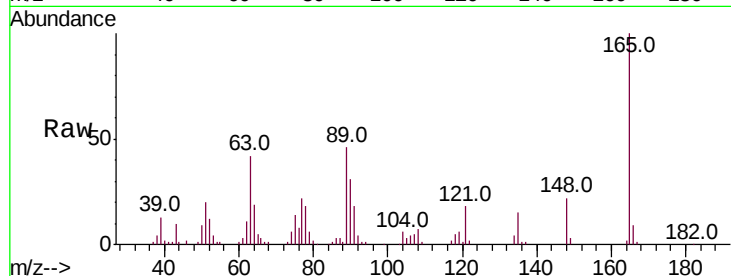




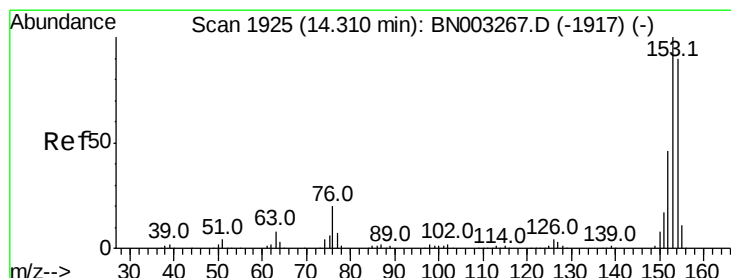
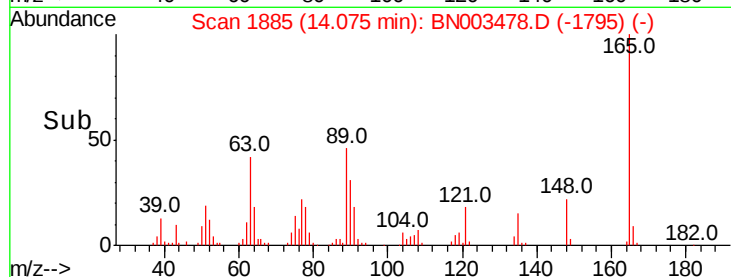
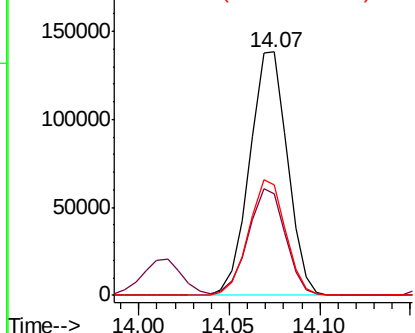
#51
2,6-Dinitrotoluene
Concen: 45.690 ng
RT: 14.07 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:165 Resp: 200832
Ion Ratio Lower Upper
165 100
63 41.9 39.2 58.8
89 45.5 38.9 58.3

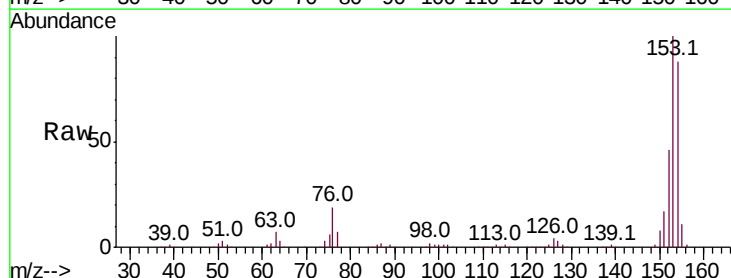


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 89.00 (88.70 to 89.70): BNO

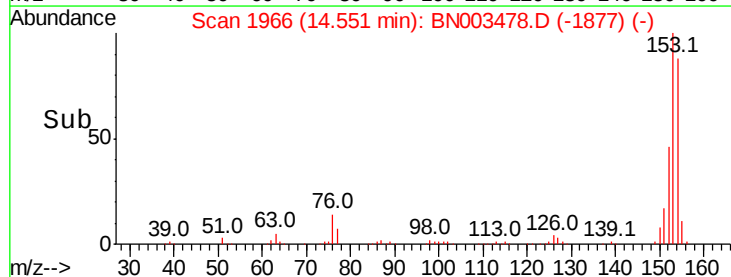
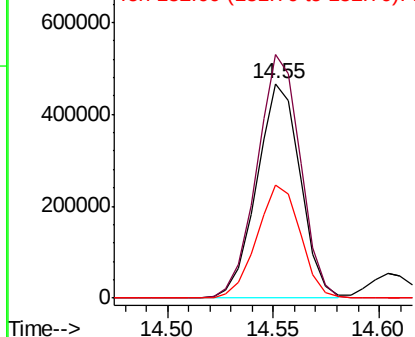


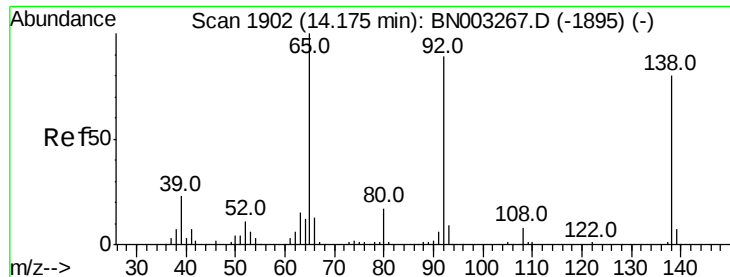
#52
Acenaphthene
Concen: 46.498 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:154 Resp: 668666
Ion Ratio Lower Upper
154 100
153 113.6 89.3 133.9
152 52.7 41.2 61.8



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: 28.493 ng

RT: 14.40 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

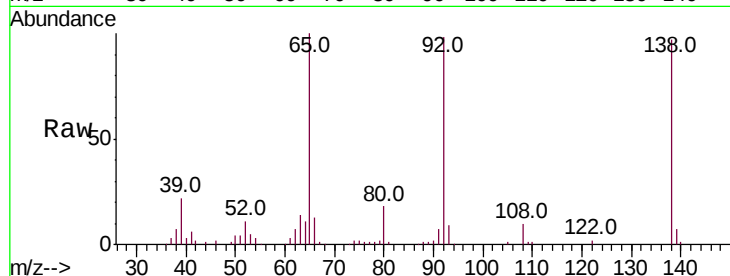
Tot Ion:138 Resp: 133880

Ion Ratio Lower Upper

138 100

108 10.0 8.4 12.6

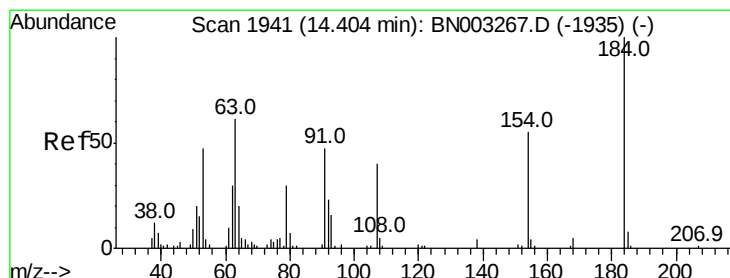
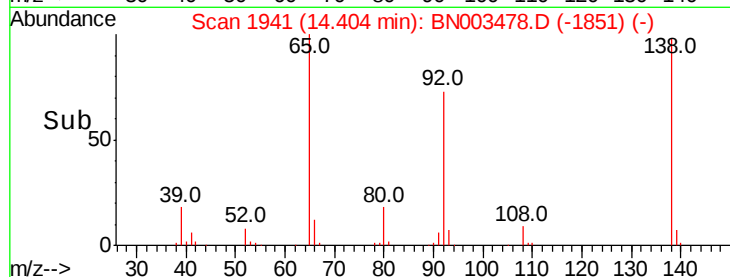
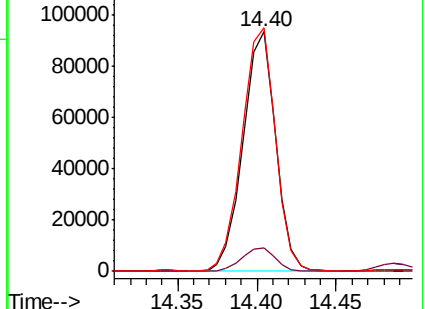
92 101.7 89.6 134.4



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: 57.704 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

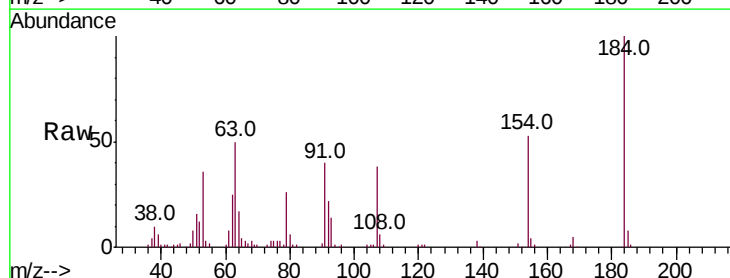
Tgt Ion:184 Resp: 140975

Ion Ratio Lower Upper

184 100

63 50.0 49.0 73.4

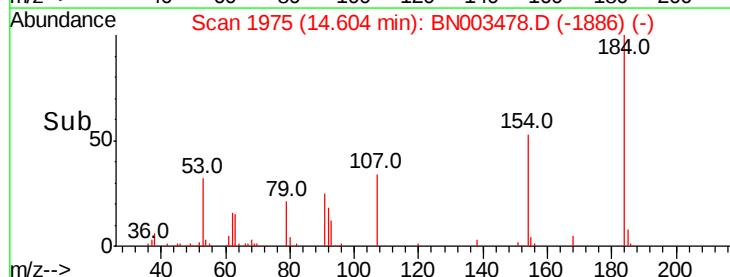
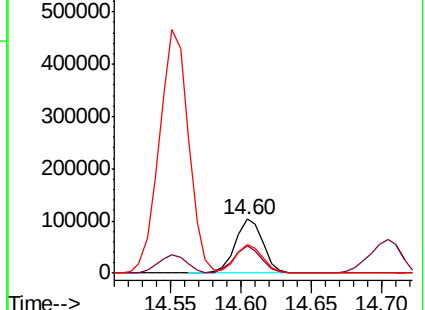
154 53.2 44.2 66.2

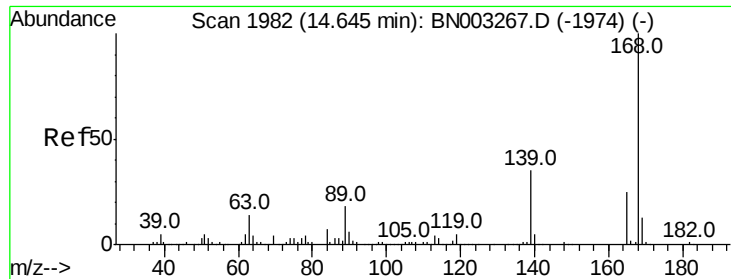


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 45.816 ng

RT: 14.89 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

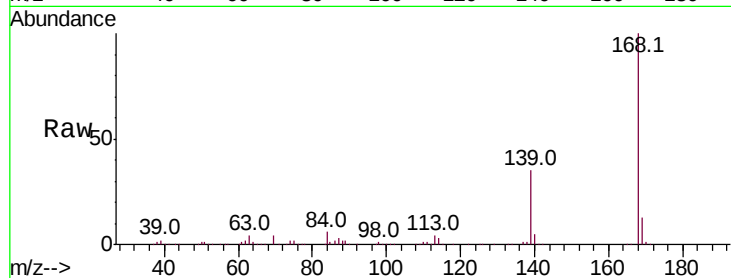
Tot Ion:168 Resp: 1071887

Ion Ratio Lower Upper

168 100

139 35.5 28.5 42.7

169 13.3 10.3 15.5

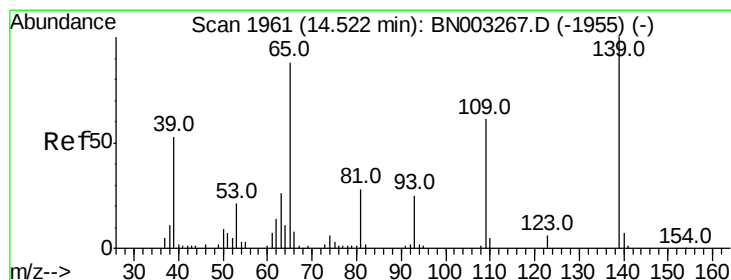
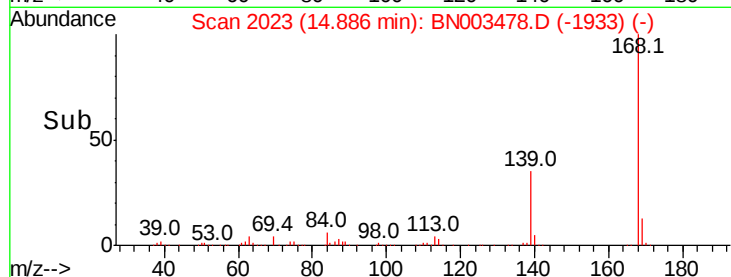
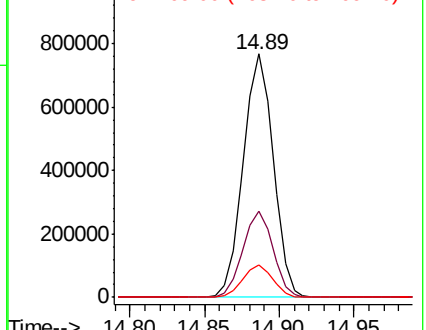


Abundance

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: 129.070 ng

RT: 14.70 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

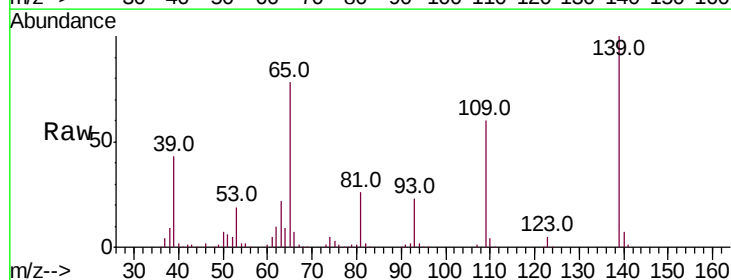
Tgt Ion:139 Resp: 449216

Ion Ratio Lower Upper

139 100

109 60.1 40.7 80.7

65 77.5 68.0 108.0

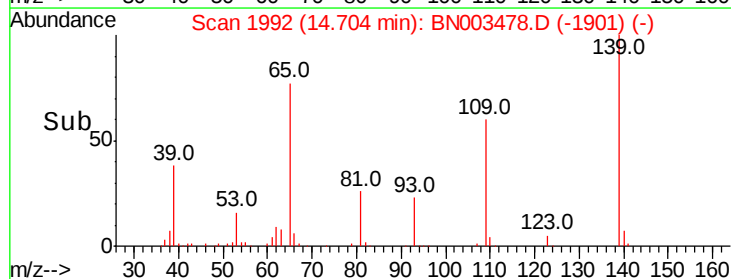
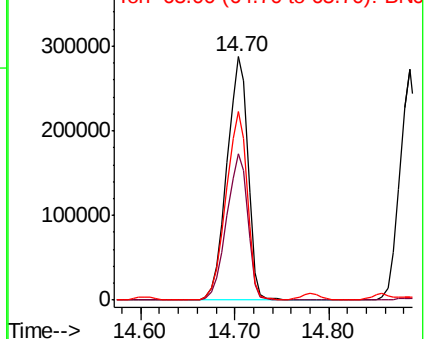


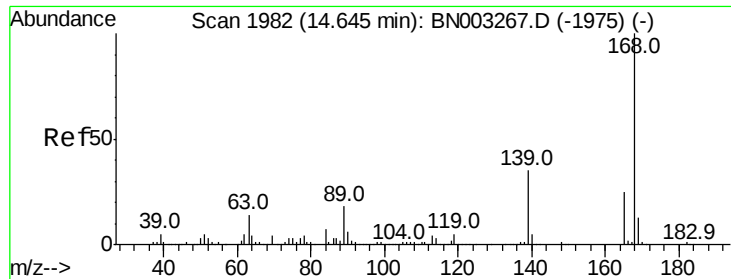
Abundance

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

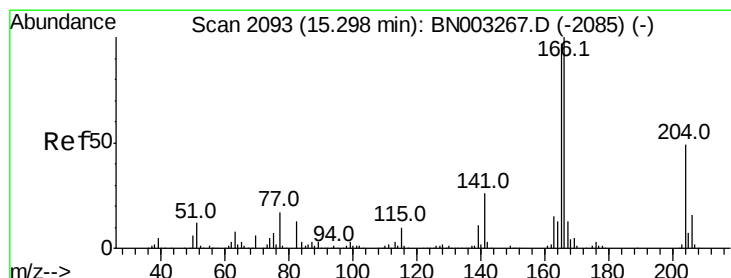
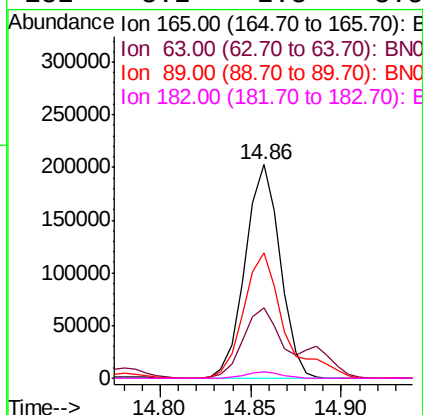
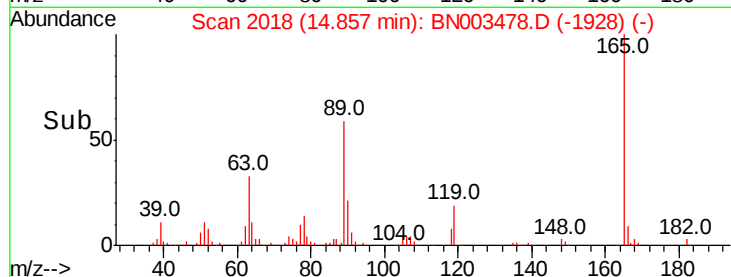
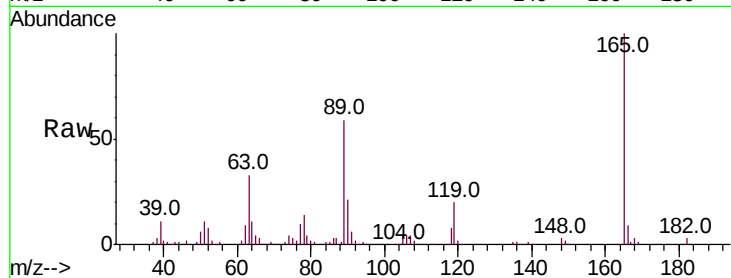




#57
2,4-Dinitrotoluene
Concen: 45.451 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

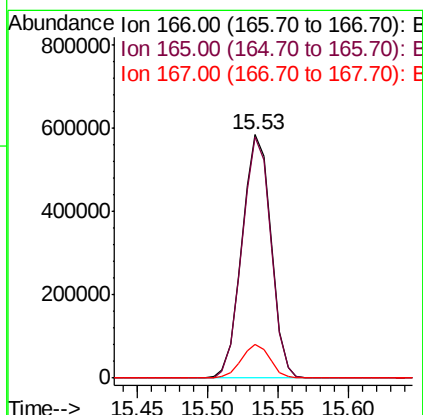
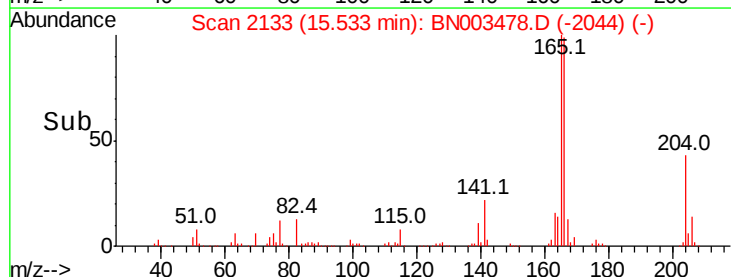
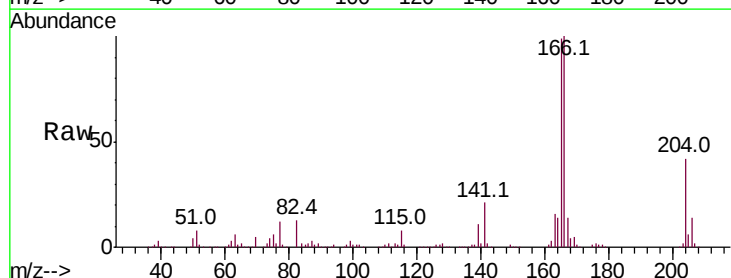
Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

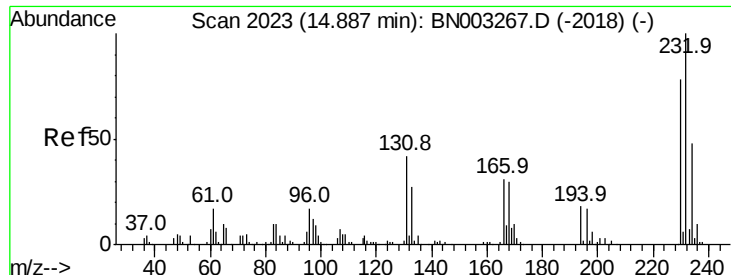
Tot Ion:165 Resp: 270880
Ion Ratio Lower Upper
165 100
63 32.8 45.8 68.6#
89 58.8 58.7 88.1
182 3.2 2.3 3.5



#58
Fluorene
Concen: 46.590 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:166 Resp: 841116
Ion Ratio Lower Upper
166 100
165 98.9 77.6 116.4
167 13.9 10.6 16.0

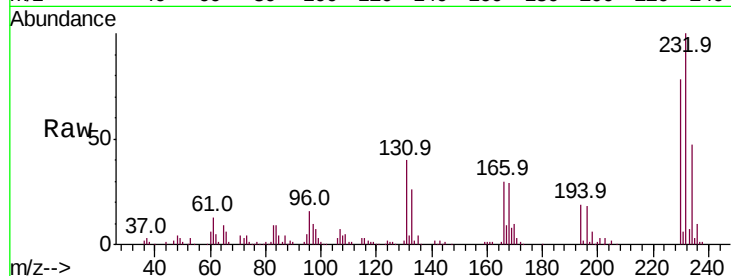




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.819 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:	232	Resp:	251367
Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.7	50.5
130	1.9	1.6	2.4
166	29.3	24.3	36.5



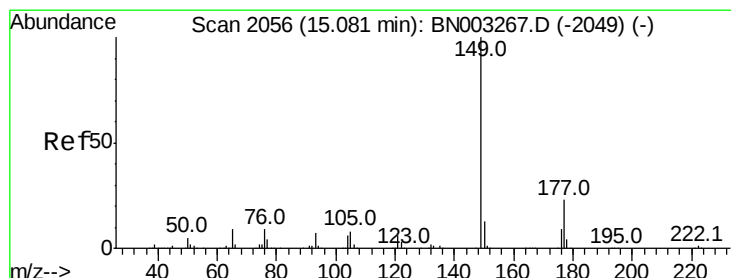
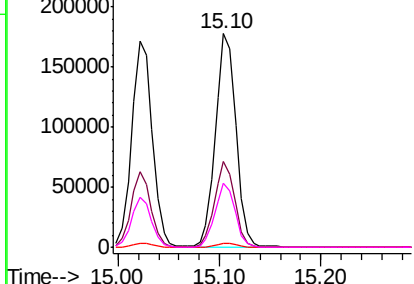
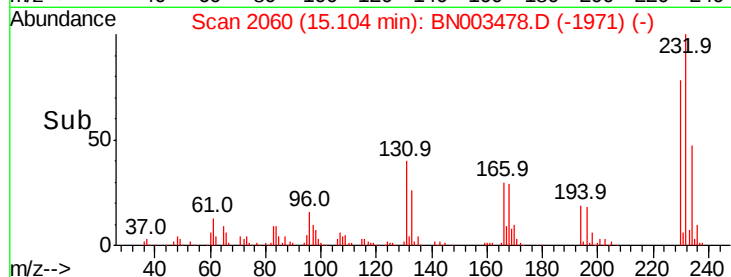
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

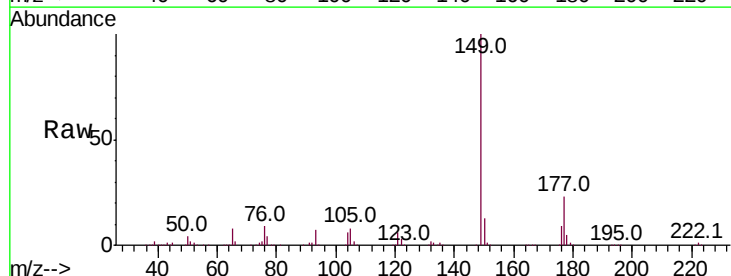
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.165 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:	149	Resp:	867939
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	13.0	10.0	15.0

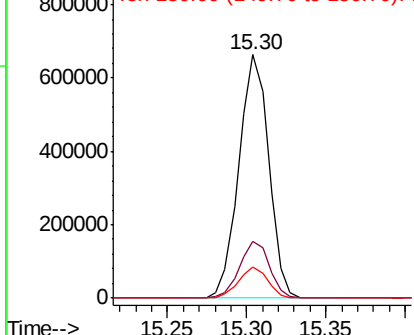
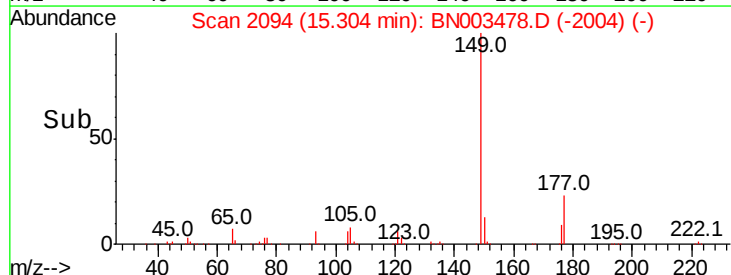


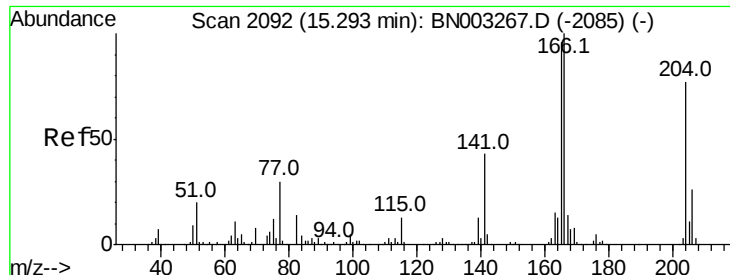
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

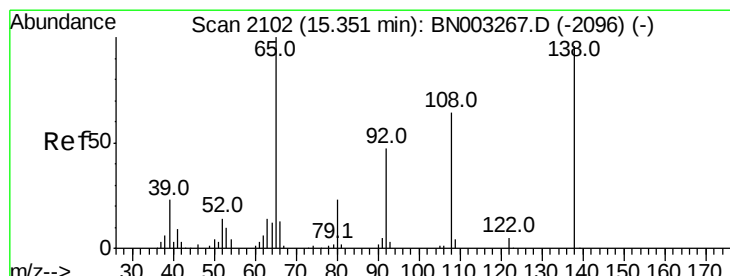
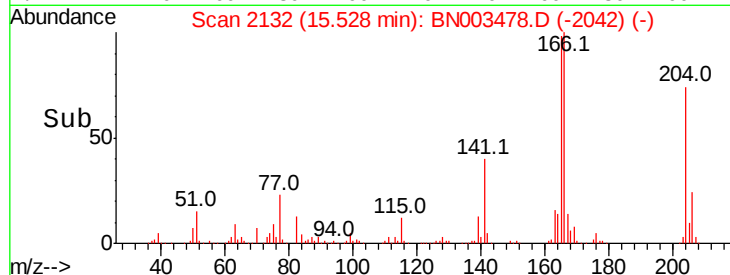
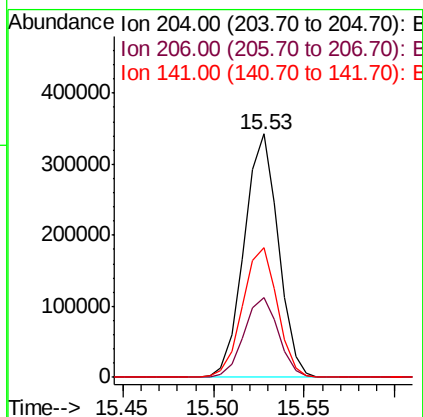
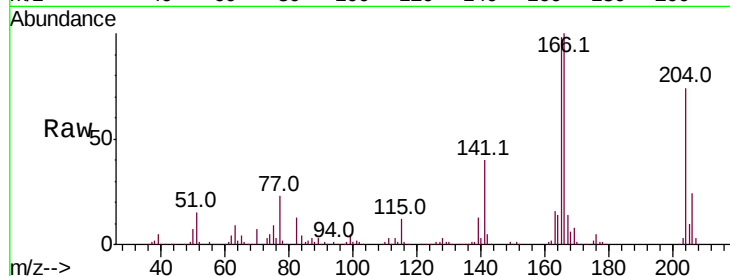




#61
 4-Chlorophenyl-phenylether
 Concen: 44.737 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

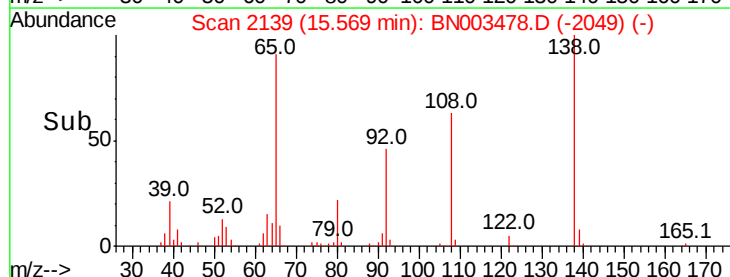
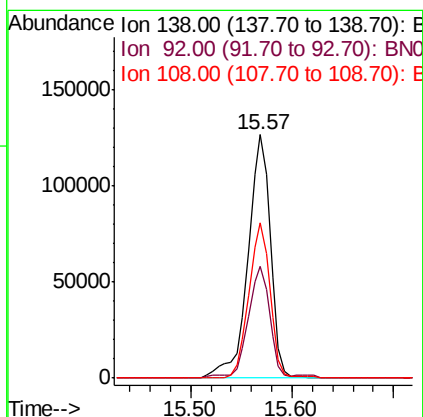
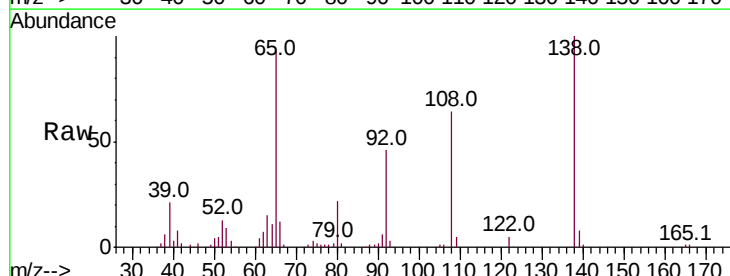
Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

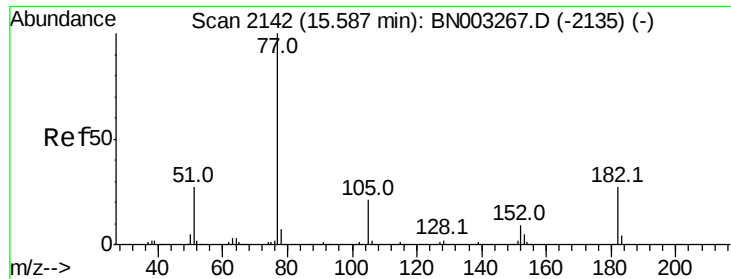
Tot Ion:204 Resp: 448720
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.6 39.8
 141 53.3 44.6 67.0



#62
 4-Nitroaniline
 Concen: 42.510 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion:138 Resp: 195139
 Ion Ratio Lower Upper
 138 100
 92 46.1 27.9 67.9
 108 64.0 46.3 86.3





#63

Azobenzene

Concen: 40.794 ng

RT: 15.82 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion: 77 Resp: 740914

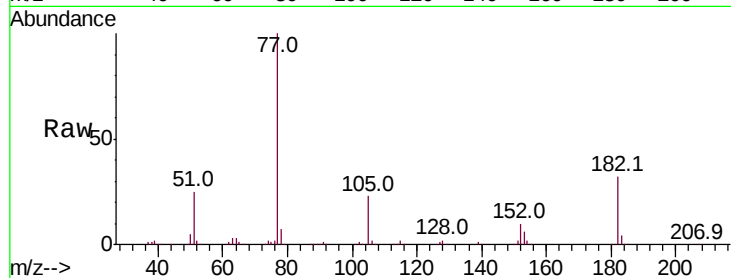
Ion Ratio Lower Upper

77 100

182 31.7 6.5 46.5

105 22.8 1.0 41.0

51 25.3 7.0 47.0

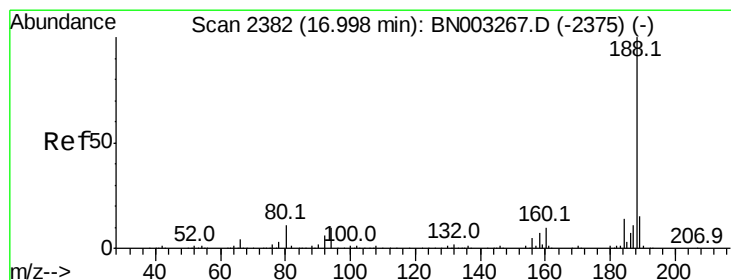
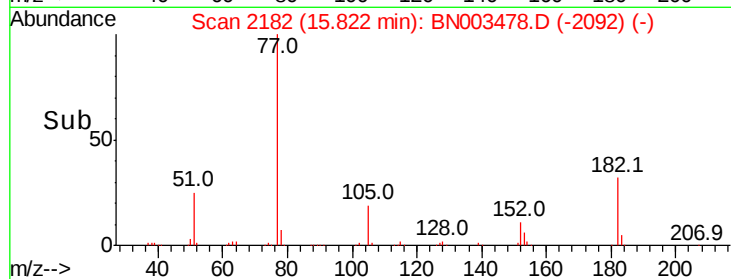
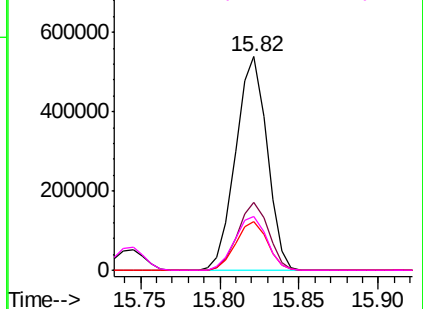


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

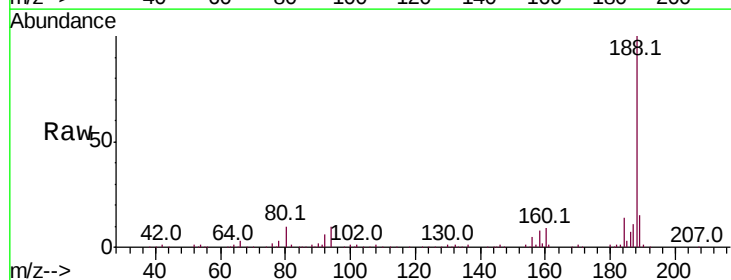
Tgt Ion: 188 Resp: 486131

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

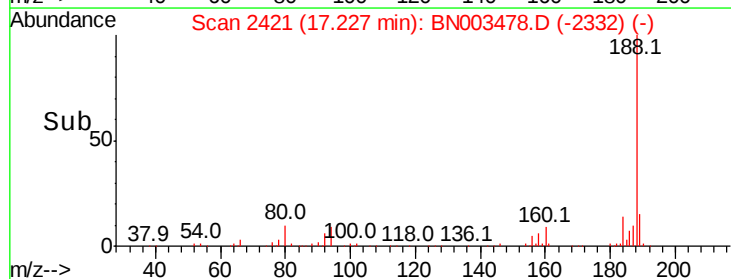
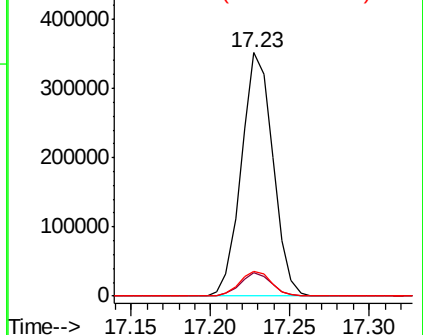
80 10.3 8.6 13.0

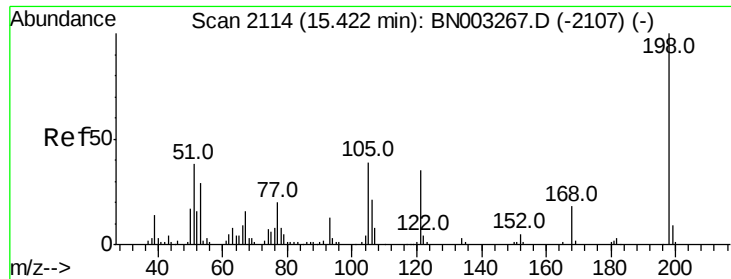


Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

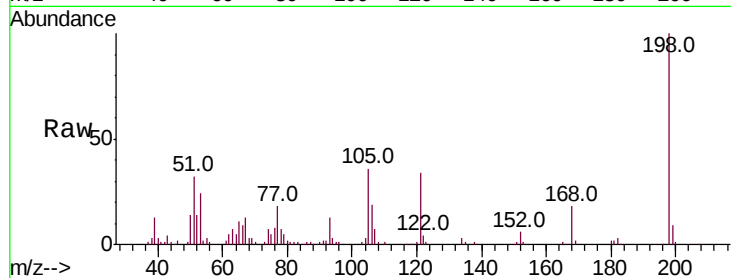




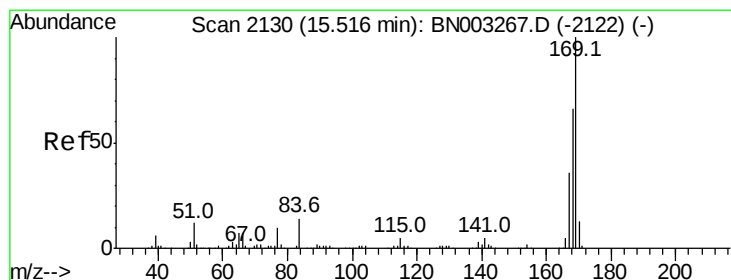
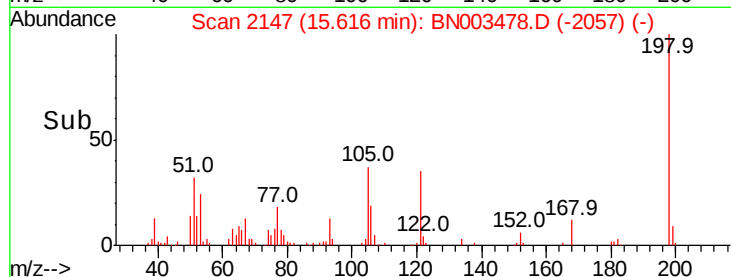
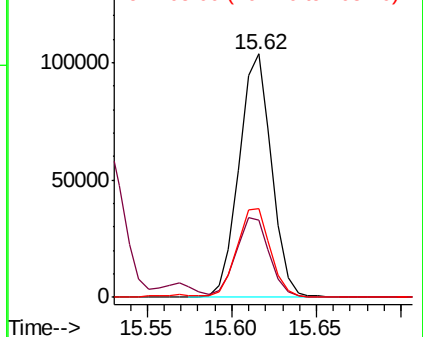
#65
4,6-Dinitro-2-methylphenol
Concen: 40.899 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.9	19.2	59.2
105	36.5	18.9	58.9

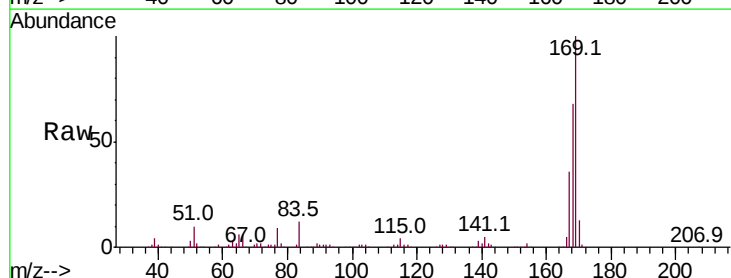


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNO
Ion 105.00 (104.70 to 105.70): E

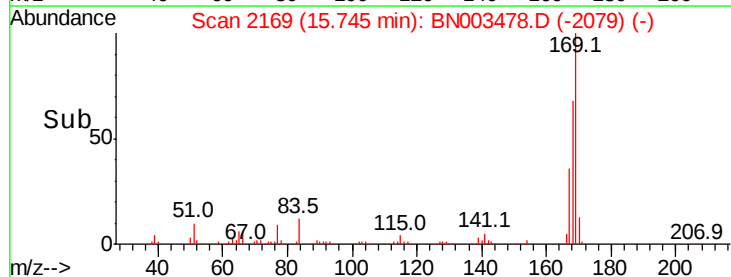
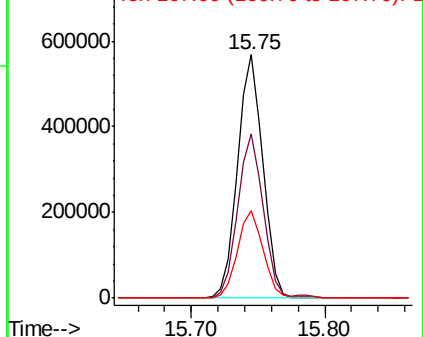


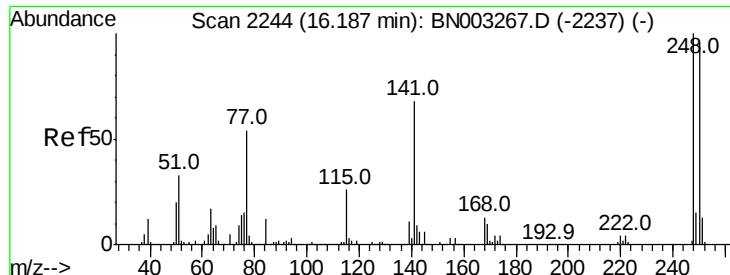
#66
n-Nitrosodiphenylamine
Concen: 49.075 ng
RT: 15.75 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.3	79.9
167	35.8	28.6	43.0



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: 52.641 ng

RT: 16.42 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

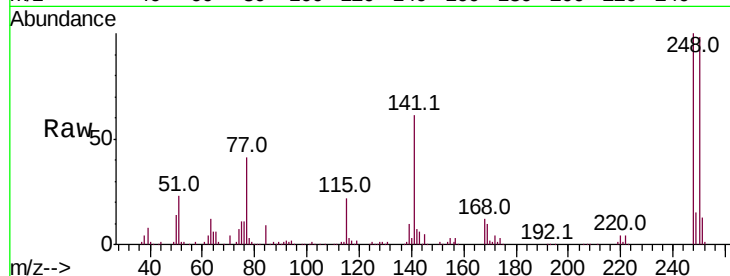
Tot Ion:248 Resp: 288208

Ion Ratio Lower Upper

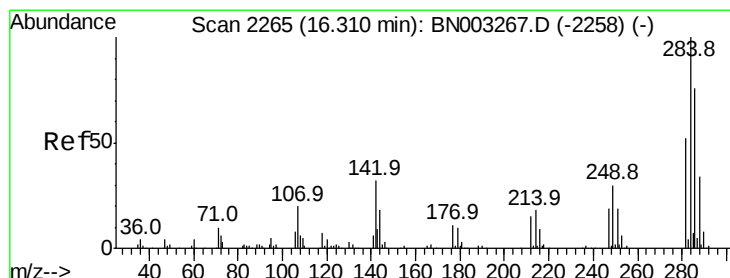
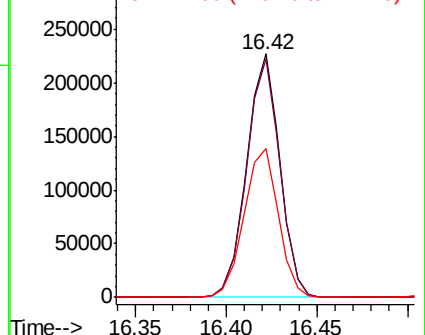
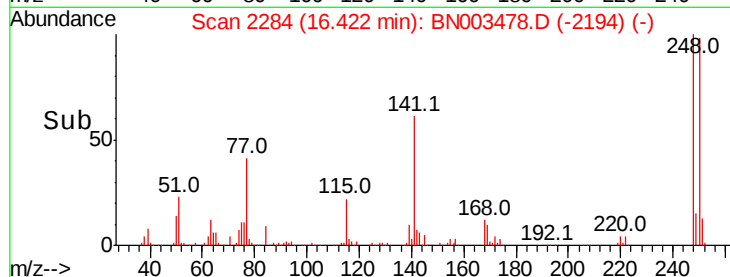
248 100

250 98.2 76.4 114.6

141 61.0 54.2 81.4



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: 51.730 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

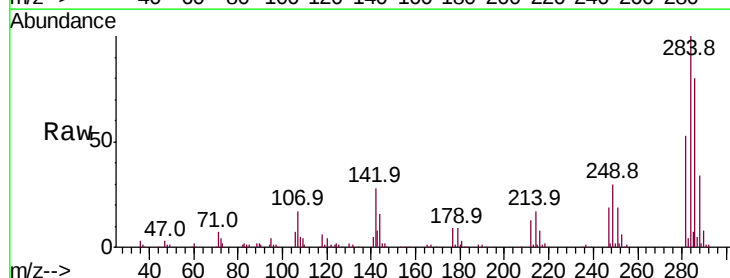
Tgt Ion:284 Resp: 322653

Ion Ratio Lower Upper

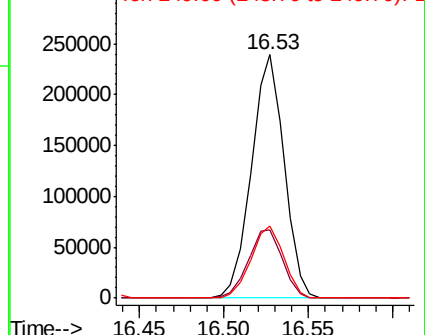
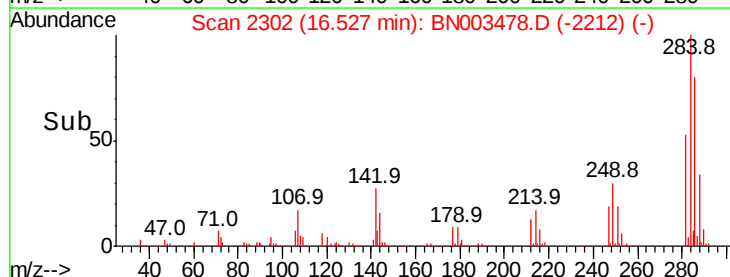
284 100

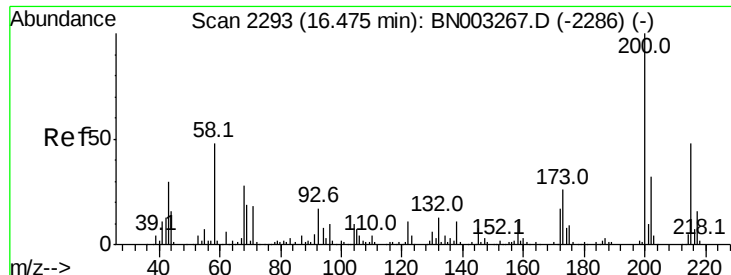
142 27.8 25.6 38.4

249 29.8 23.6 35.4



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: 49.204 ng

RT: 16.69 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

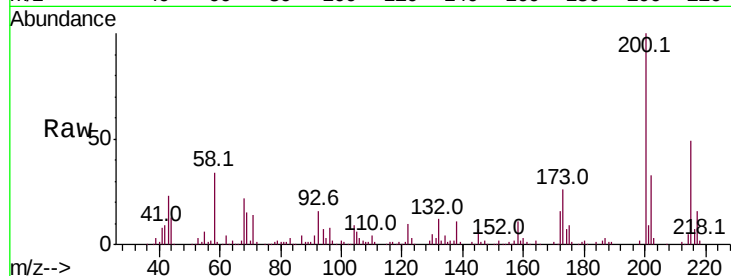
Tot Ion:200 Resp: 265374

Ion Ratio Lower Upper

200 100

173 26.1 6.3 46.3

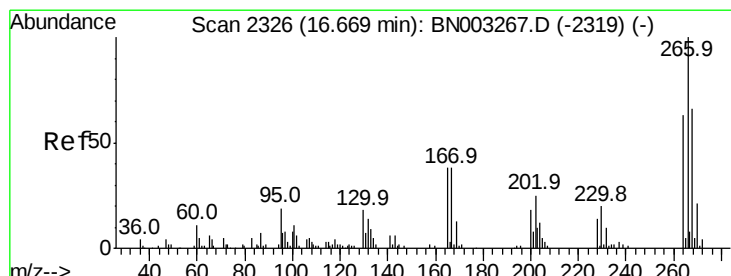
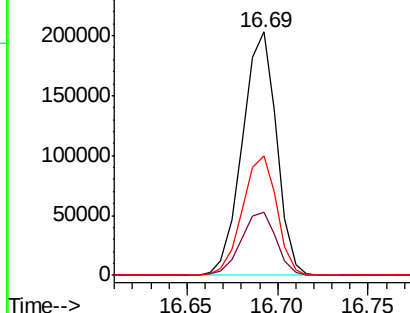
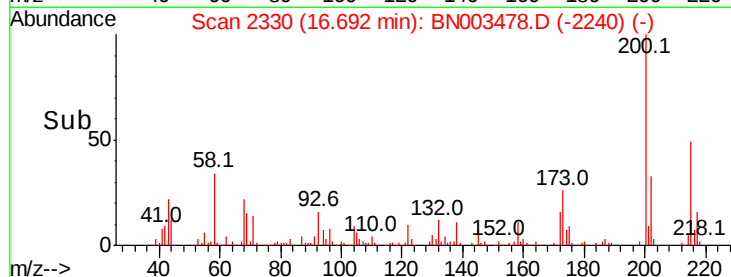
215 49.1 27.6 67.6



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: 114.639 ng

RT: 16.87 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

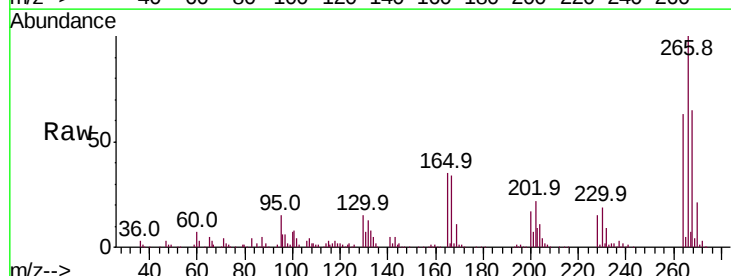
Tgt Ion:266 Resp: 370887

Ion Ratio Lower Upper

266 100

268 64.6 52.5 78.7

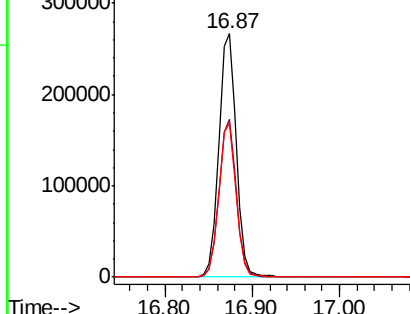
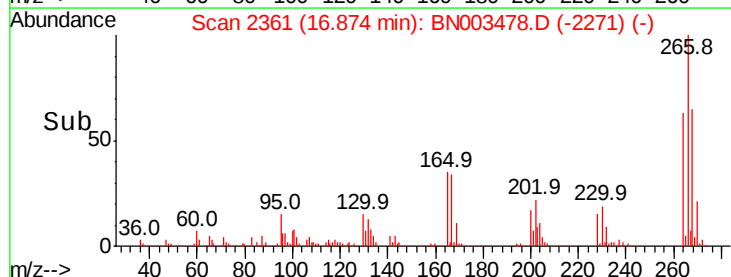
264 63.3 50.3 75.5

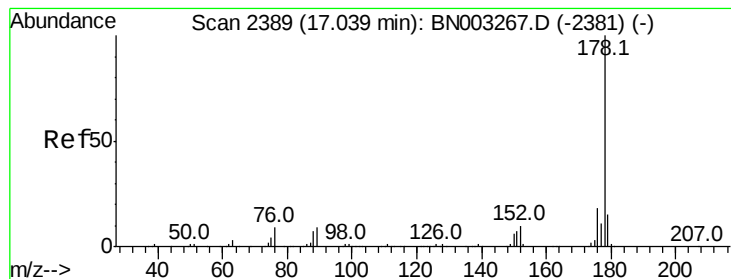


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.815 ng

RT: 17.27 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

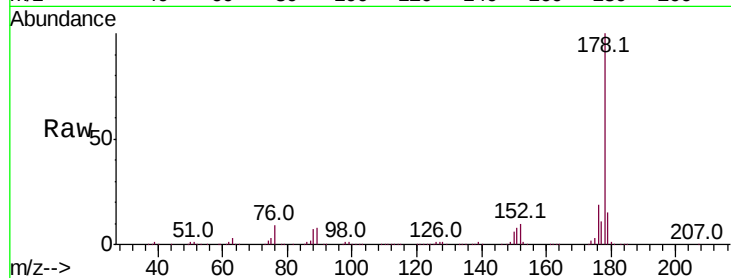
Tot Ion:178 Resp: 1247572

Ion Ratio Lower Upper

178 100

176 19.2 14.4 21.6

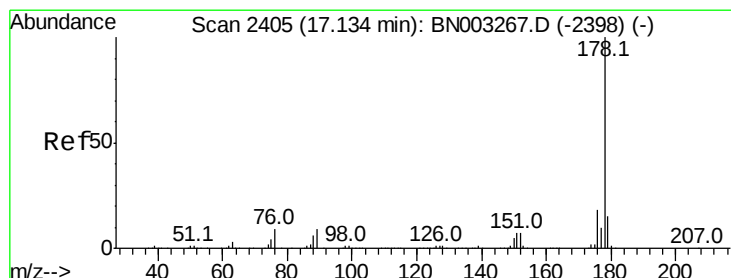
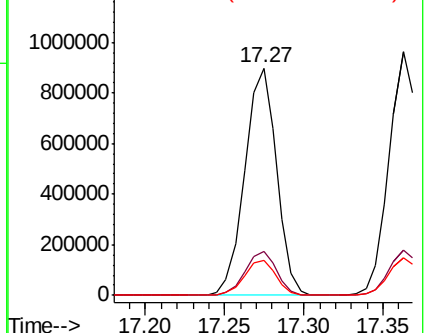
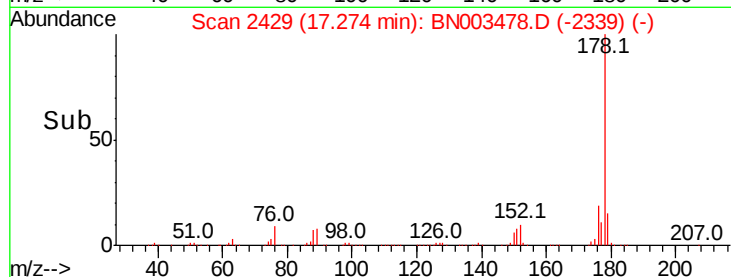
179 15.3 12.2 18.4



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: 50.245 ng

RT: 17.36 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

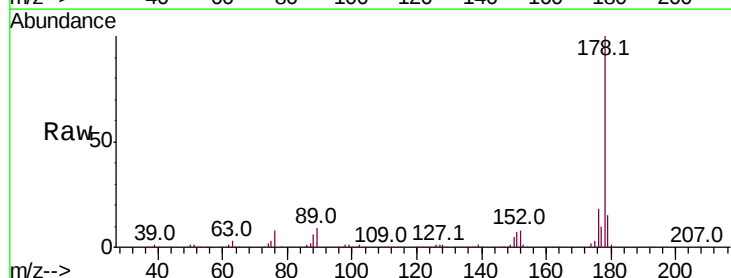
Tgt Ion:178 Resp: 1281362

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

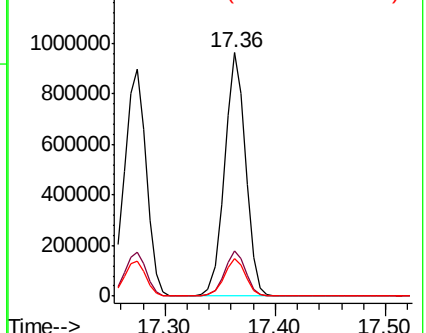
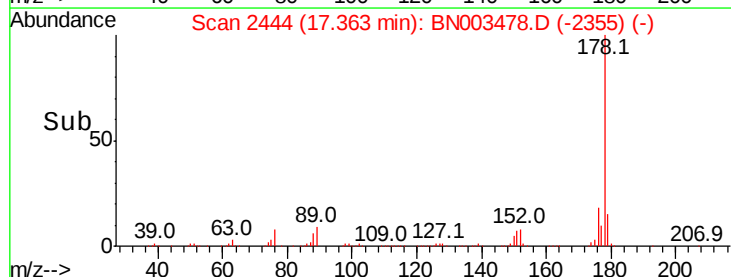
179 15.3 12.1 18.1

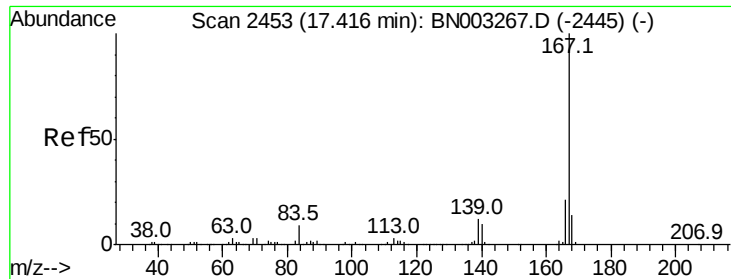


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



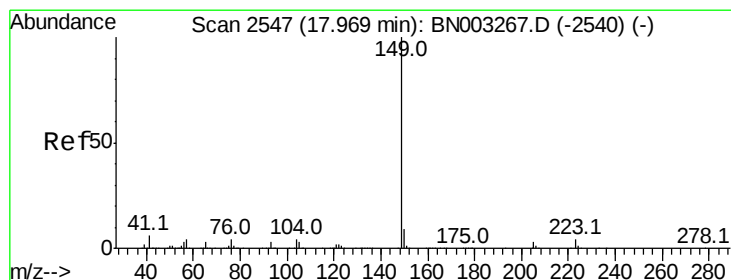
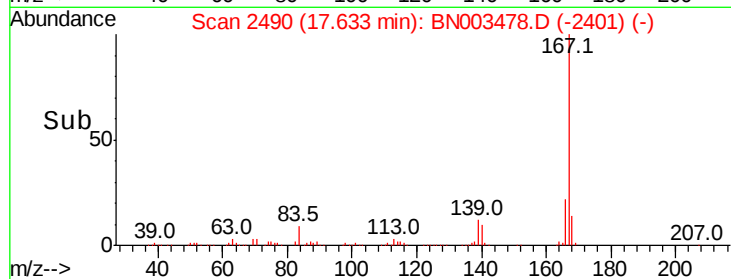
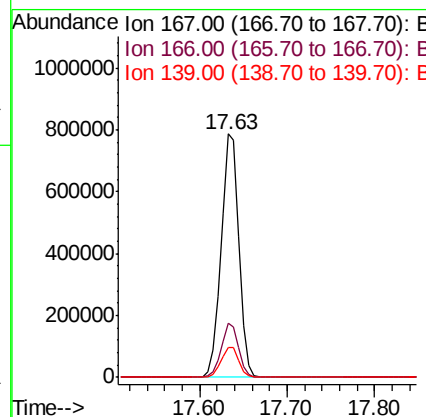
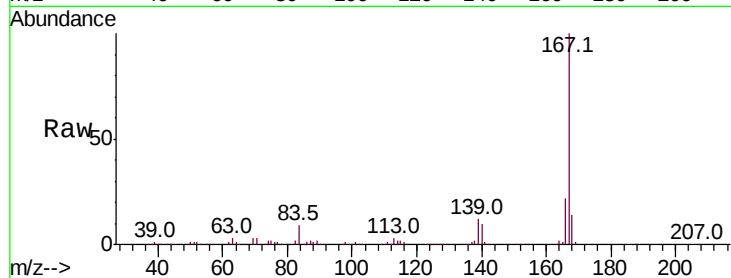


#73
 Carbazole
 Concen: 41.907 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Instrument :
 BNA_N
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tot Ion:167 Resp: 1106757

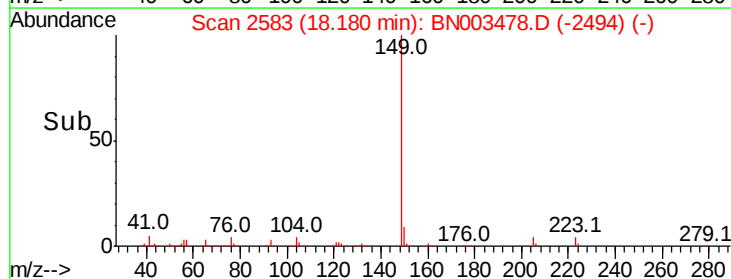
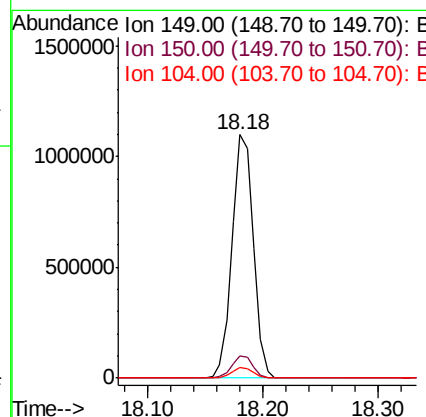
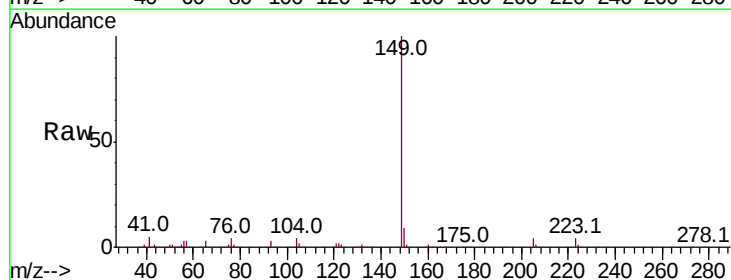
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	12.3	9.9	14.9

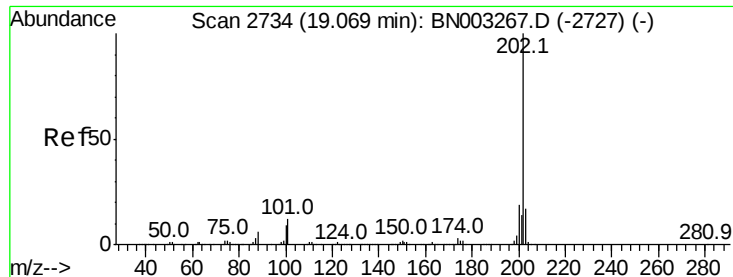


#74
 Di-n-butylphthalate
 Concen: 45.550 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003478.D
 Acq: 09 Nov 2018 18:46

Tgt Ion:149 Resp: 1403269

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 43.297 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

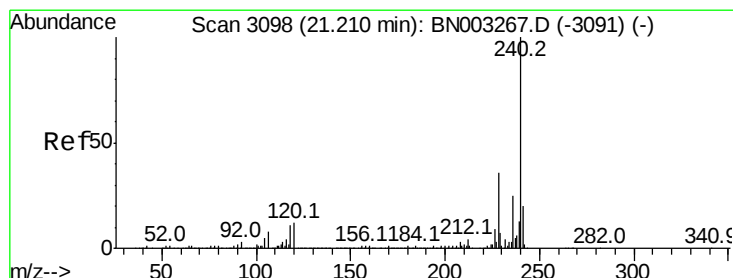
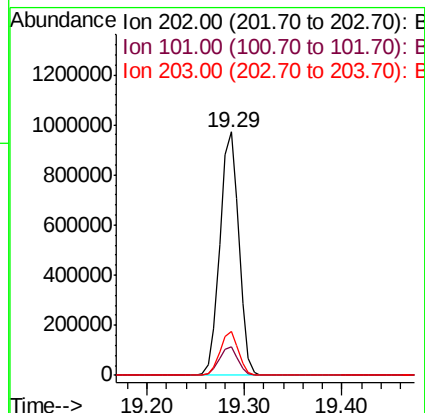
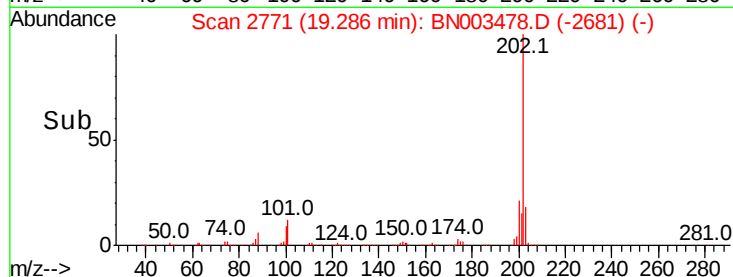
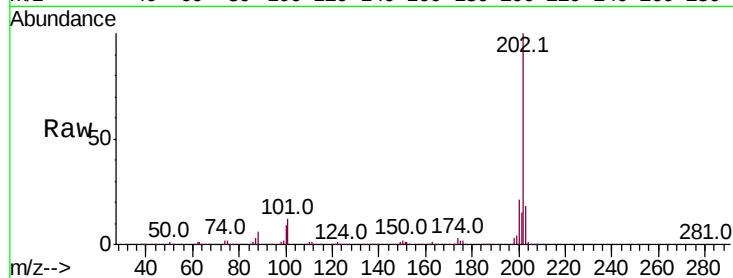
Tot Ion:202 Resp: 1303653

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.3

203 17.9 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

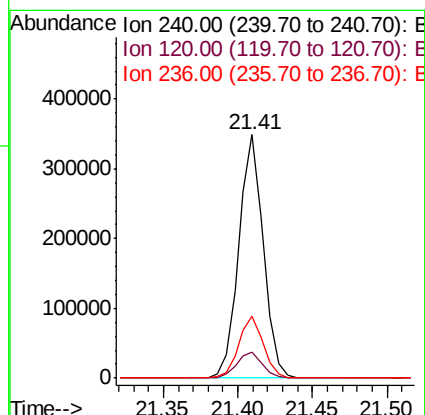
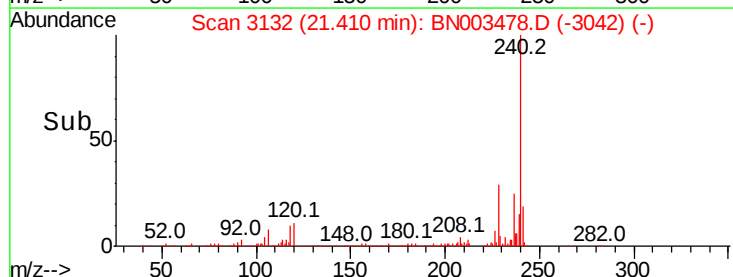
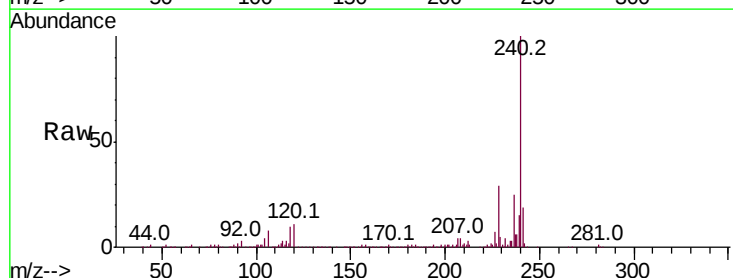
Tgt Ion:240 Resp: 398683

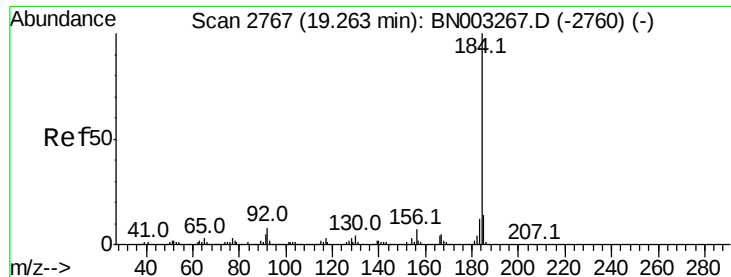
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.0

236 25.3 20.3 30.5





#77

Benzidine

Concen: 44.989 ng

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

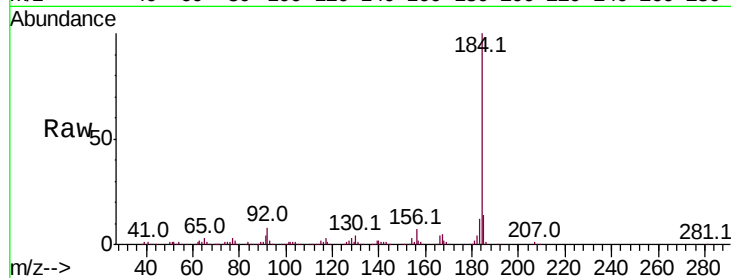
Tot Ion:184 Resp: 525087

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

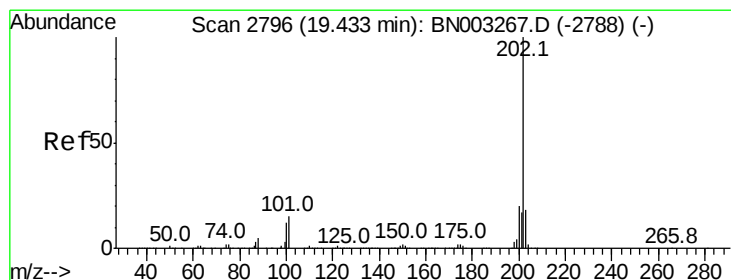
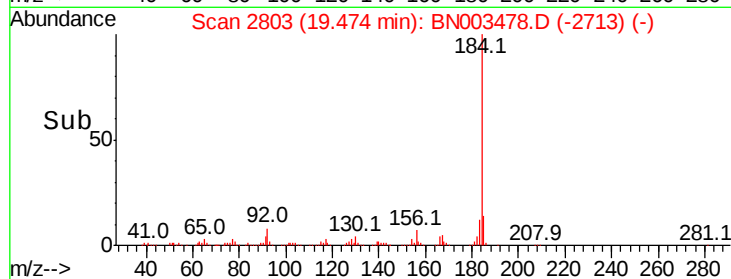
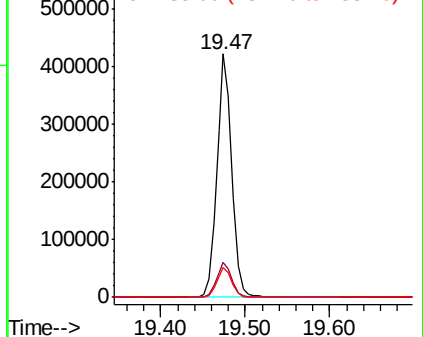
183 12.2 9.4 14.0



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: 54.554 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

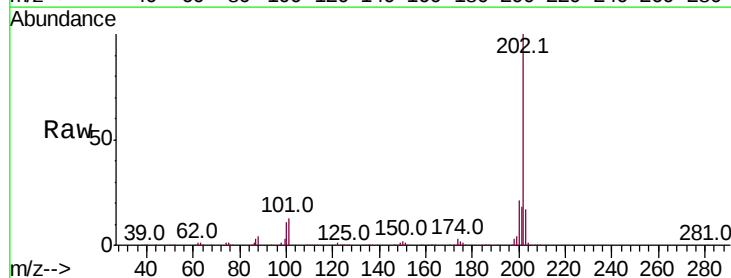
Tgt Ion:202 Resp: 1278312

Ion Ratio Lower Upper

202 100

200 21.2 16.2 24.4

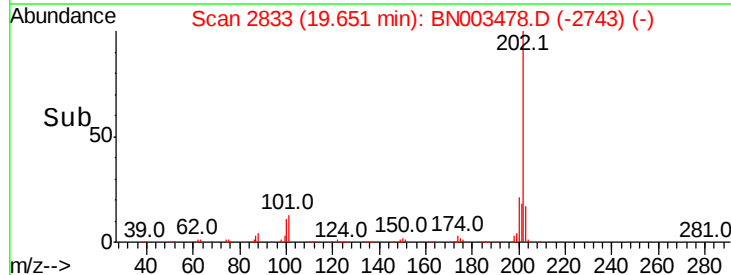
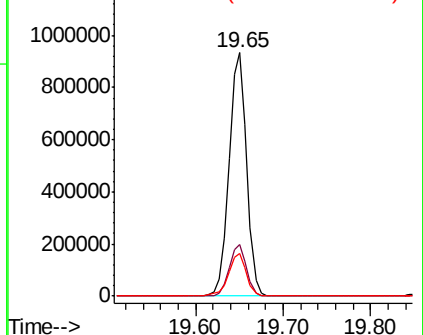
203 17.5 14.3 21.5

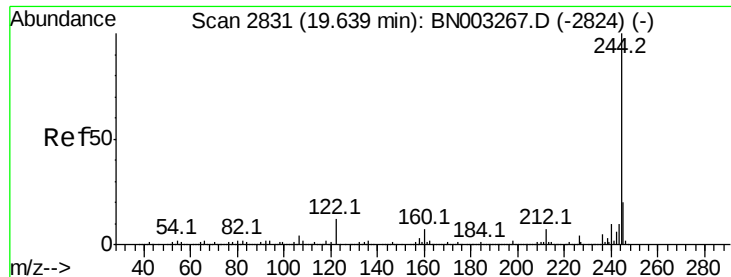


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.716 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

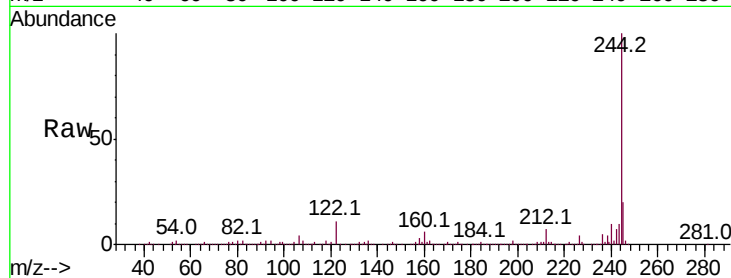
Tot Ion:244 Resp: 1821685

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

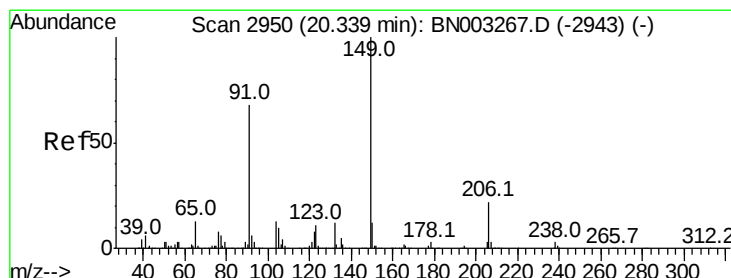
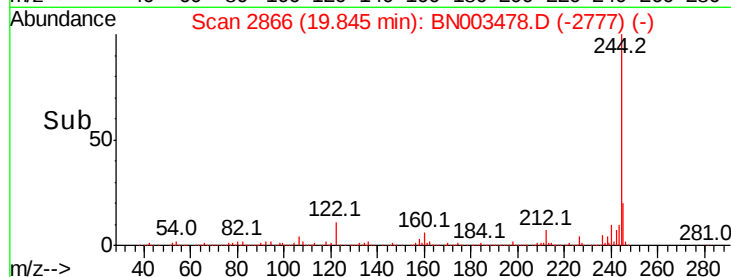
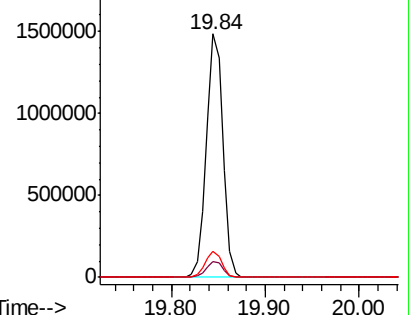
122 10.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.587 ng

RT: 20.54 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

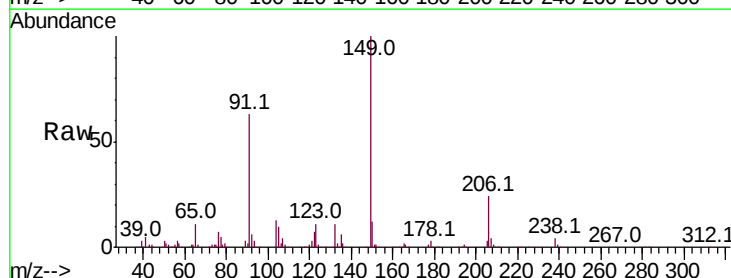
Tgt Ion:149 Resp: 539514

Ion Ratio Lower Upper

149 100

91 62.7 54.6 81.8

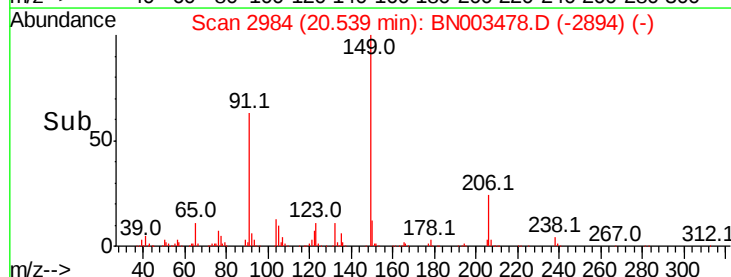
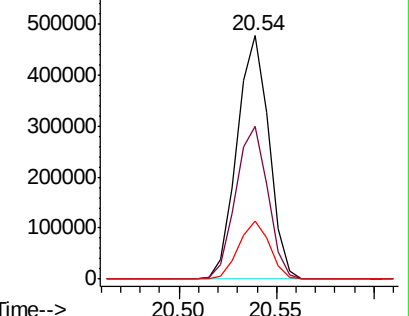
206 23.6 17.8 26.6

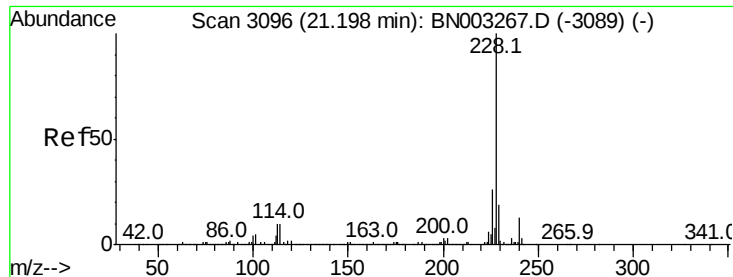


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

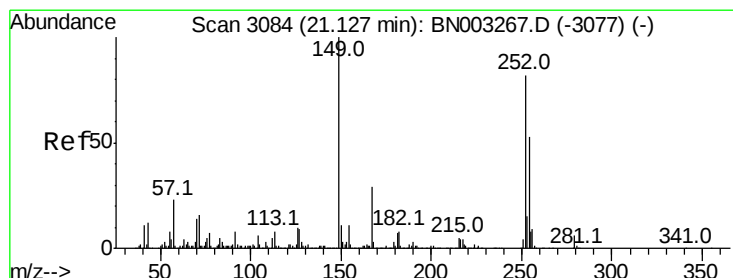
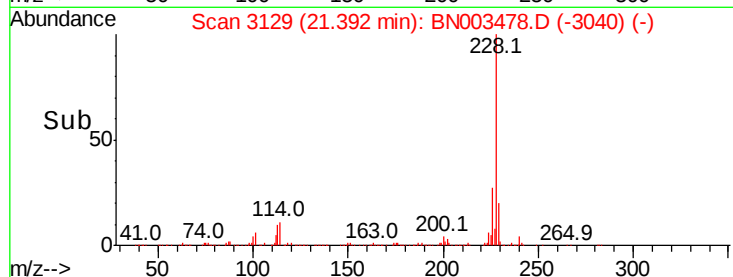
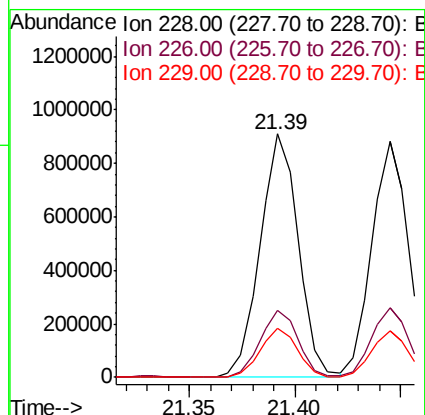
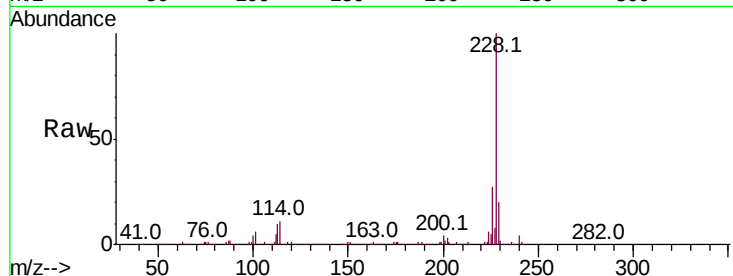




#81
Benzo(a)anthracene
Concen: 49.177 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

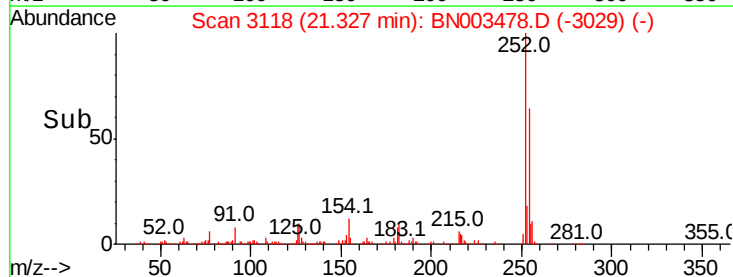
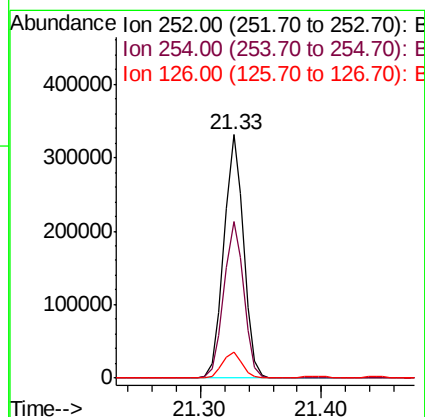
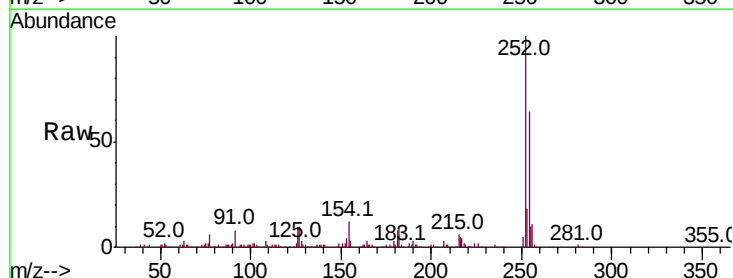
Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

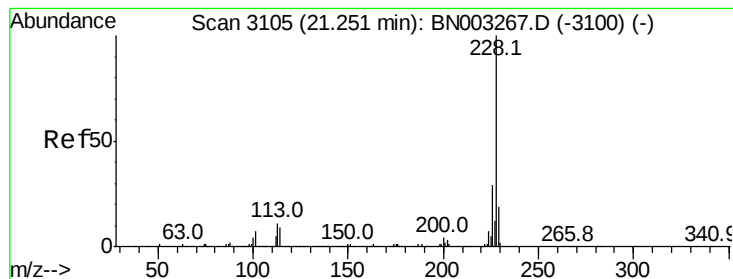
Tot Ion:228 Resp: 1141772
Ion Ratio Lower Upper
228 100
226 27.4 20.8 31.2
229 20.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 38.810 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:252 Resp: 372886
Ion Ratio Lower Upper
252 100
254 64.1 51.1 76.7
126 10.5 9.3 13.9





#83

Chrysene

Concen: 47.758 ng

RT: 21.44 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

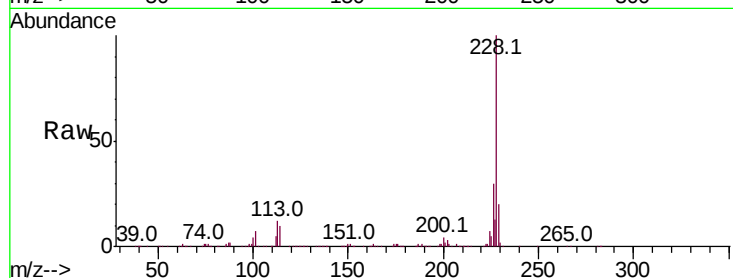
BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

Tot Ion:228 Resp: 1065903

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	19.6	15.3	22.9

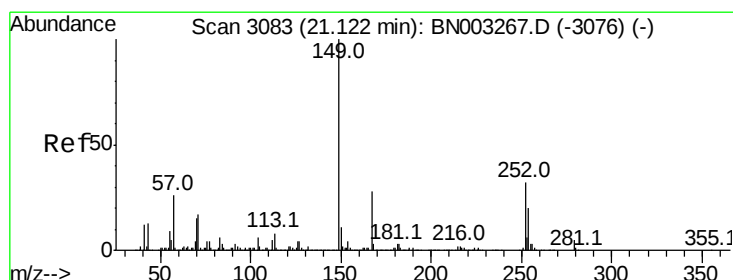
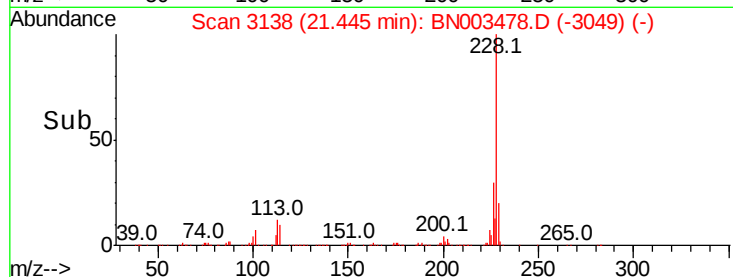
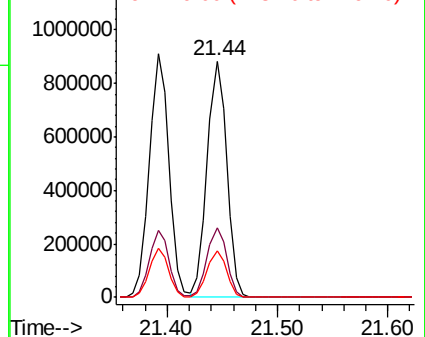


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.508 ng

RT: 21.30 min Scan# 3114

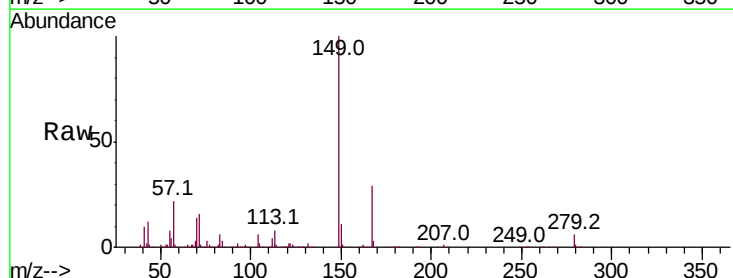
Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:149 Resp: 782688

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	33.8
279	5.6	3.8	5.8

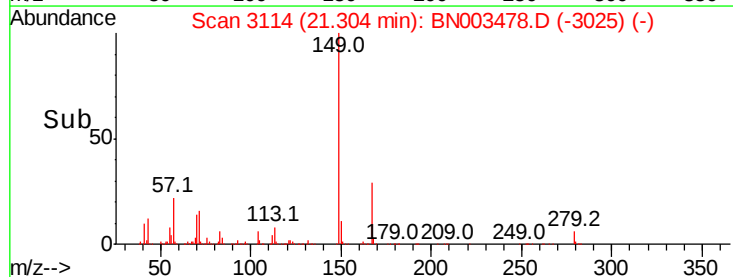
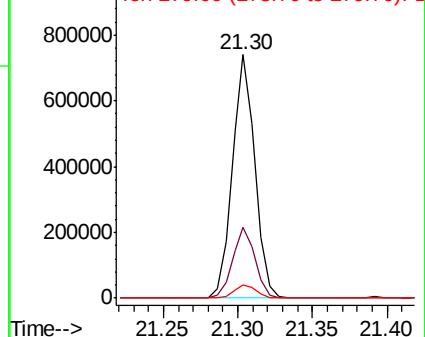


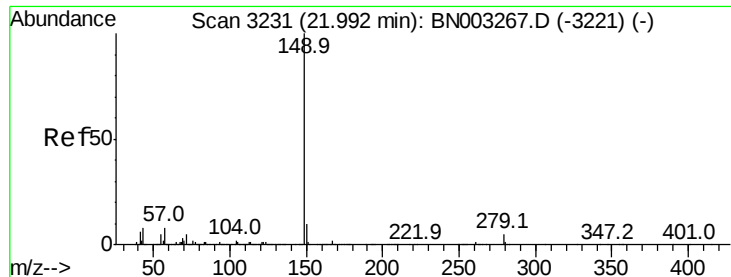
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.579 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

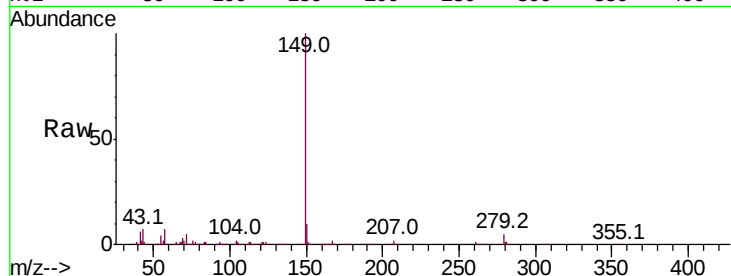
Tot Ion:149 Resp: 1206613

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

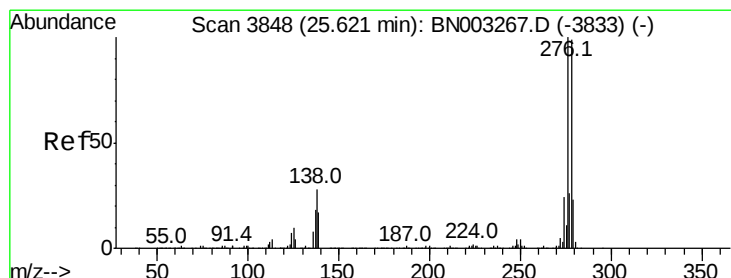
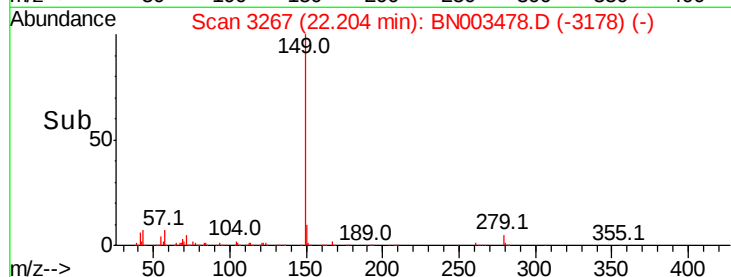
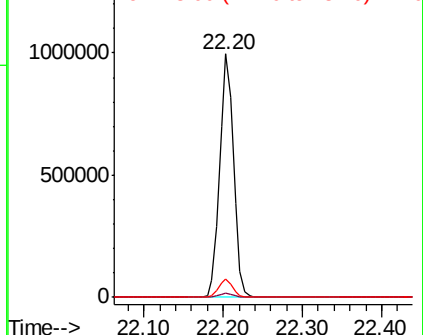
43 7.4 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.048 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

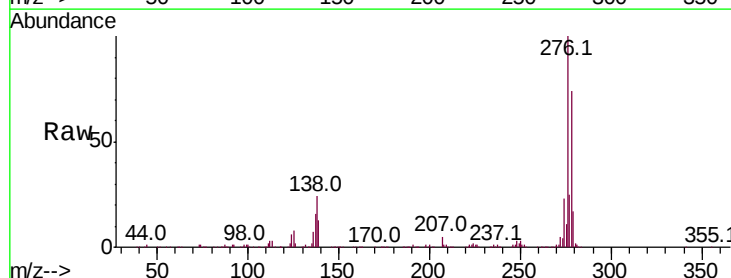
Tgt Ion:276 Resp: 1356915

Ion Ratio Lower Upper

276 100

138 25.1 21.2 31.8

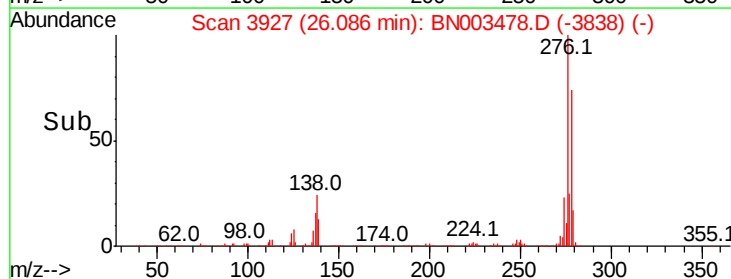
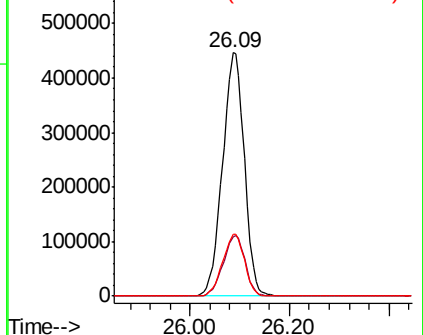
277 25.4 20.2 30.4

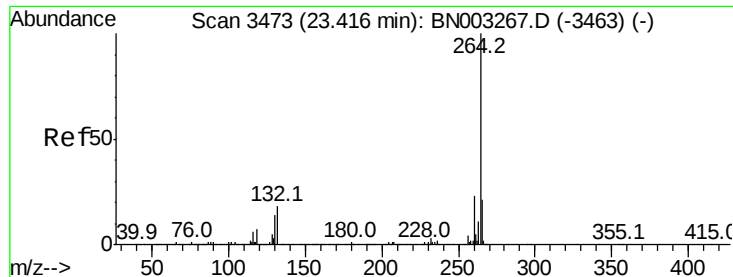


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

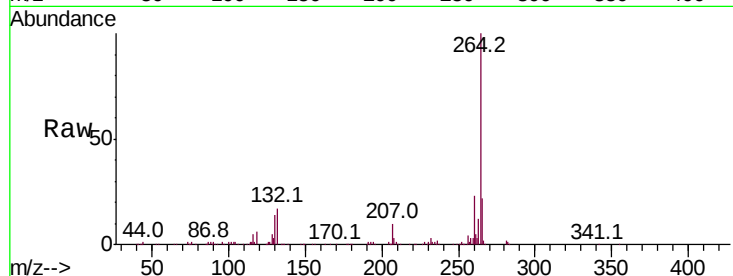




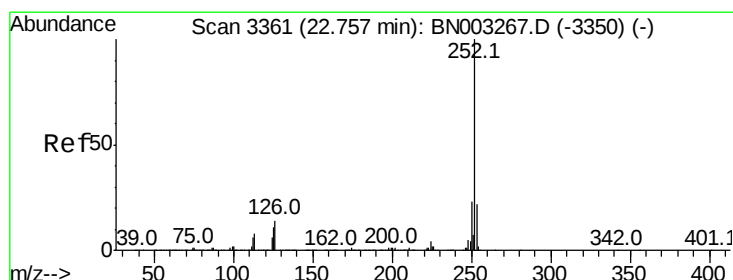
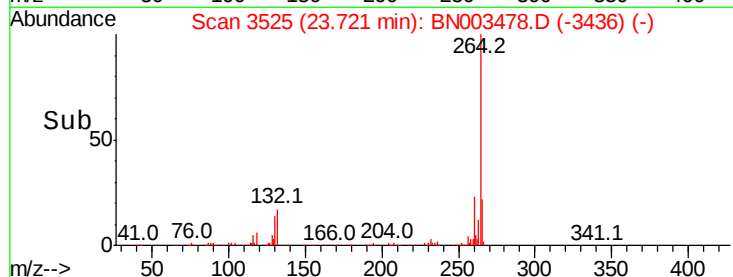
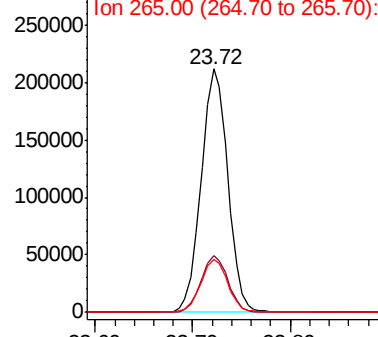
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:264 Resp: 400265
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.7 16.6 25.0

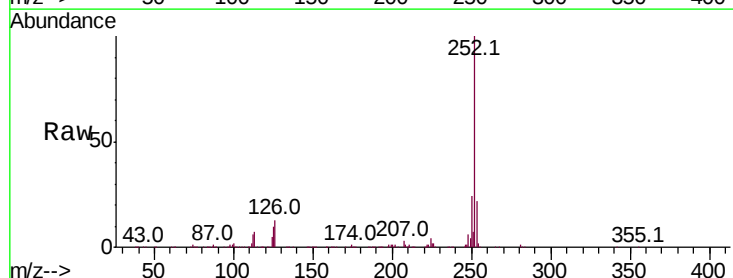


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

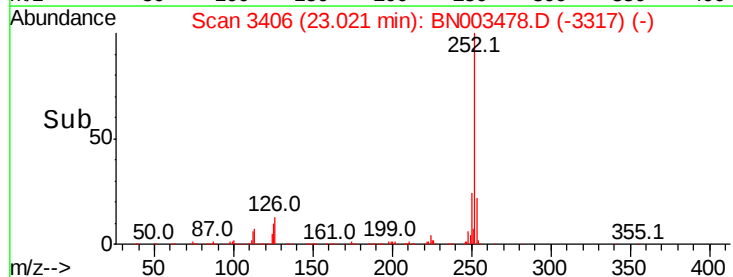
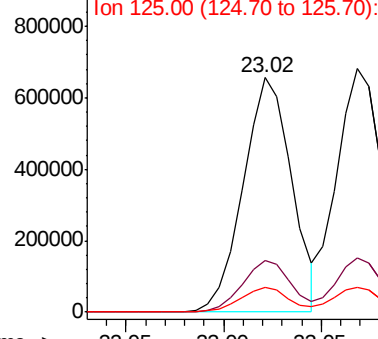


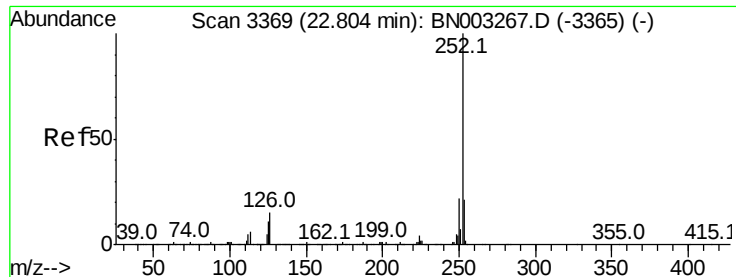
#88
Benzo(b)fluoranthene
Concen: 51.229 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BN003478.D
Acq: 09 Nov 2018 18:46

Tgt Ion:252 Resp: 1129022
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.4 8.6 12.8



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: 51.026 ng

RT: 23.07 min Scan# 3414

Delta R.T. -0.01 min

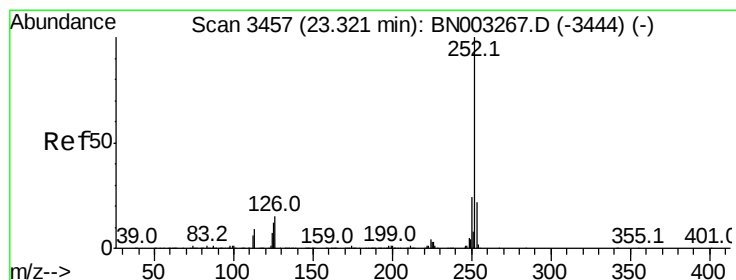
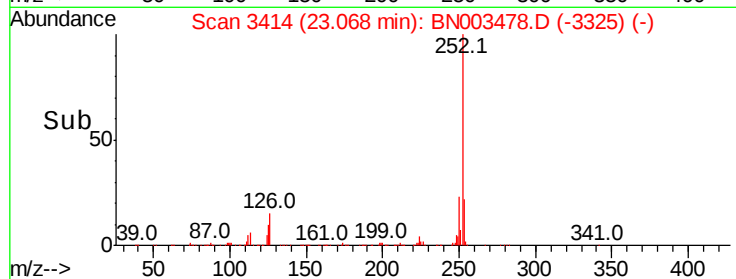
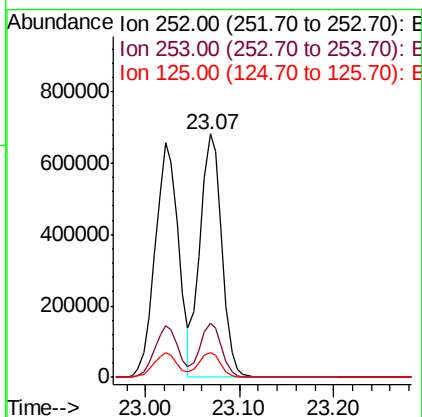
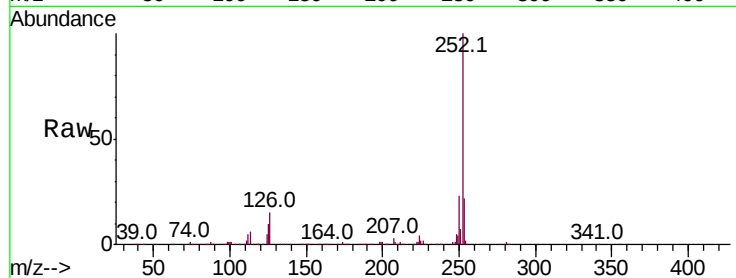
Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Tot Ion:252 Resp: 1102906

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.3	8.7	13.1



#90

Benzo(a)pyrene

Concen: 52.083 ng

RT: 23.63 min Scan# 3509

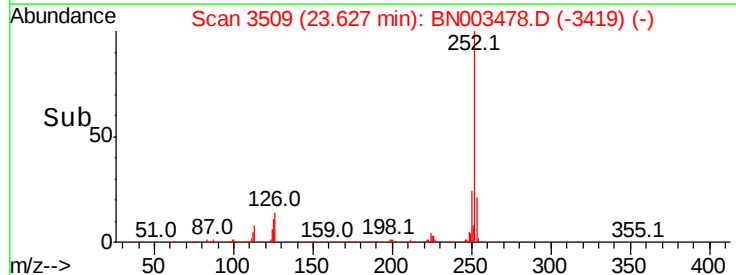
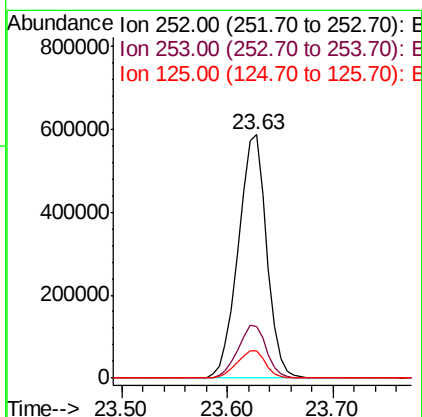
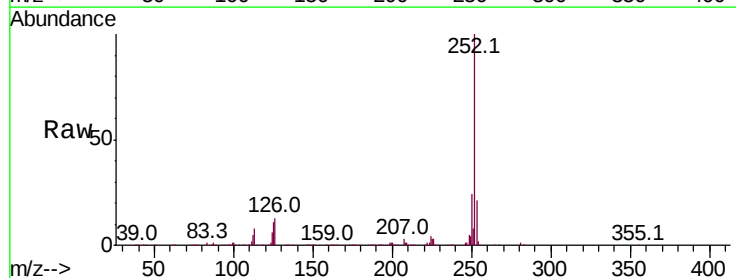
Delta R.T. -0.00 min

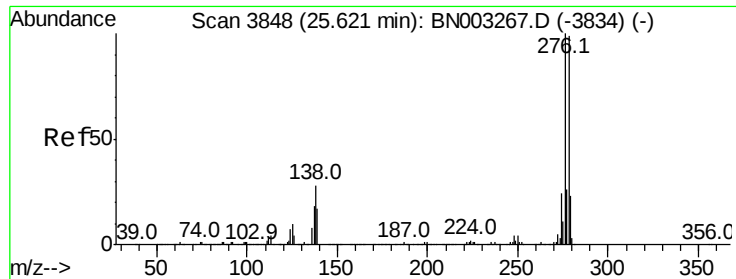
Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Tgt Ion:252 Resp: 1093939

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	11.1	9.6	14.4





#91

Dibenzo(a,h)anthracene

Concen: 54.856 ng

RT: 26.10 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

Instrument :

BNA_N

ClientSampleId :

EP2-SB-104(15-17)MSD

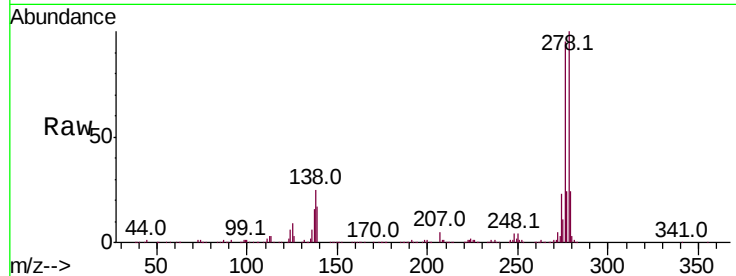
Tot Ion:278 Resp: 1140429

Ion Ratio Lower Upper

278 100

139 16.5 13.9 20.9

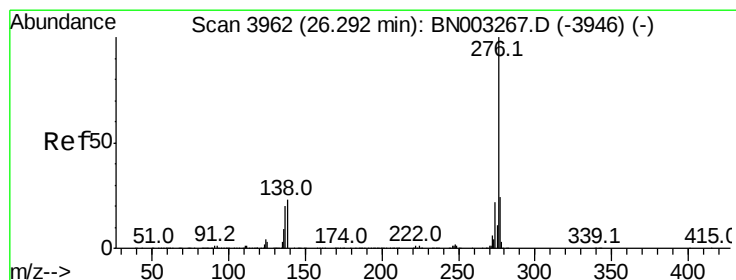
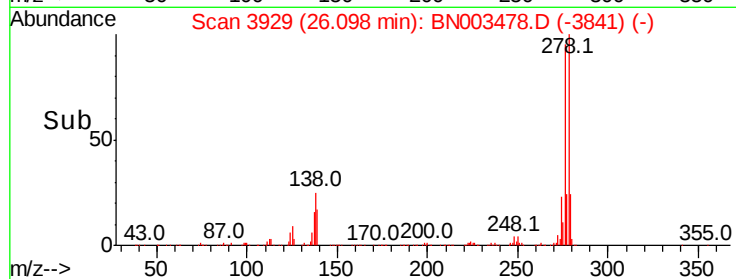
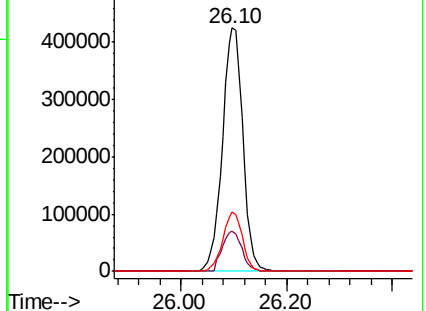
279 24.1 19.0 28.6



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: 56.530 ng

RT: 26.82 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BN003478.D

Acq: 09 Nov 2018 18:46

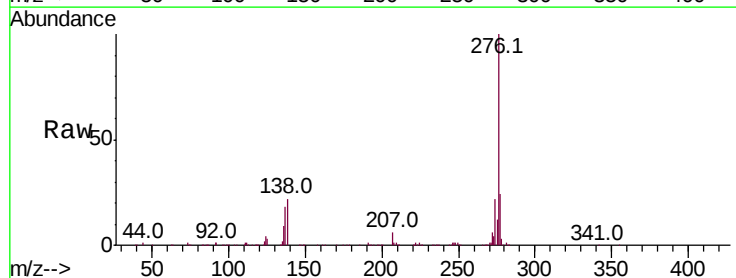
Tgt Ion:276 Resp: 1128239

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.6 18.2 27.4



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

