

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082918\
 Data File : BN002539.D
 Acq On : 29 Aug 2018 11:29
 Operator : JU/SJ
 Sample : J4596-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YT4

Quant Time: Aug 29 17:21:08 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 04:34:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	301105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1341709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	813723	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1893429	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	2008725	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1990760	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18403	2.89	ng/uL	0.00
5) Phenol-d5	6.85	99	493499	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	313302	18.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	387344	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	384806	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	186860	17.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	201796	17.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	425310	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	604320	27.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1406616	20.85	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1718243	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	213976	16.78	ng/ul	0.00
57) Fluorene-d10	15.30	176	1227626	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	171528	14.23	ng/ul	0.00
70) Anthracene-d10	17.15	188	1982257	21.91	ng/ul	0.00
78) Pyrene-d10	19.45	212	2198302	22.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	2356983	22.64	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	77742	11.391	ng/uL	93
8) Bis(2-Chloroethyl)ether	7.10	93	542095	25.362	ng/ul#	86
10) 2-Chlorophenol	7.23	128	486758	22.991	ng/ul#	89
12) 2,2'-oxybis(1-Chloropropan	8.19	45	681110	19.241	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.47	70	232903	12.509	ng/ul#	83
17) Hexachloroethane	8.73	117	164435	18.541	ng/ul	100
20) Nitrobenzene	8.86	77	529007	20.697	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.86	93	530351	18.270	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	438879	21.962	ng/ul	98
28) Naphthalene	10.49	128	1126034	16.312	ng/ul	100
31) Hexachlorobutadiene	10.77	225	180010	14.310	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	222362	9.021	ng/ul	97
37) Hexachlorocyclopentadiene	12.45	237	185617	12.397	ng/ul	99
38) 2,4,6-Trichlorophenol	12.72	196	497973	31.376	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	334534	19.699	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	908328	17.888	ng/ul	97
44) Dimethylphthalate	13.76	163	1756566	26.551	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	144558	10.815	ng/ul	91
47) Acenaphthylene	14.02	152	1244491	15.796	ng/ul	99
49) Acenaphthene	14.36	153	744647	13.399	ng/ul	99
53) Dibenzofuran	14.70	168	1174093	14.974	ng/ul	96
54) 2,4-Dinitrotoluene	14.67	165	191700	9.512	ng/ul#	84
56) Diethylphthalate	15.13	149	1146220	16.981	ng/ul	100

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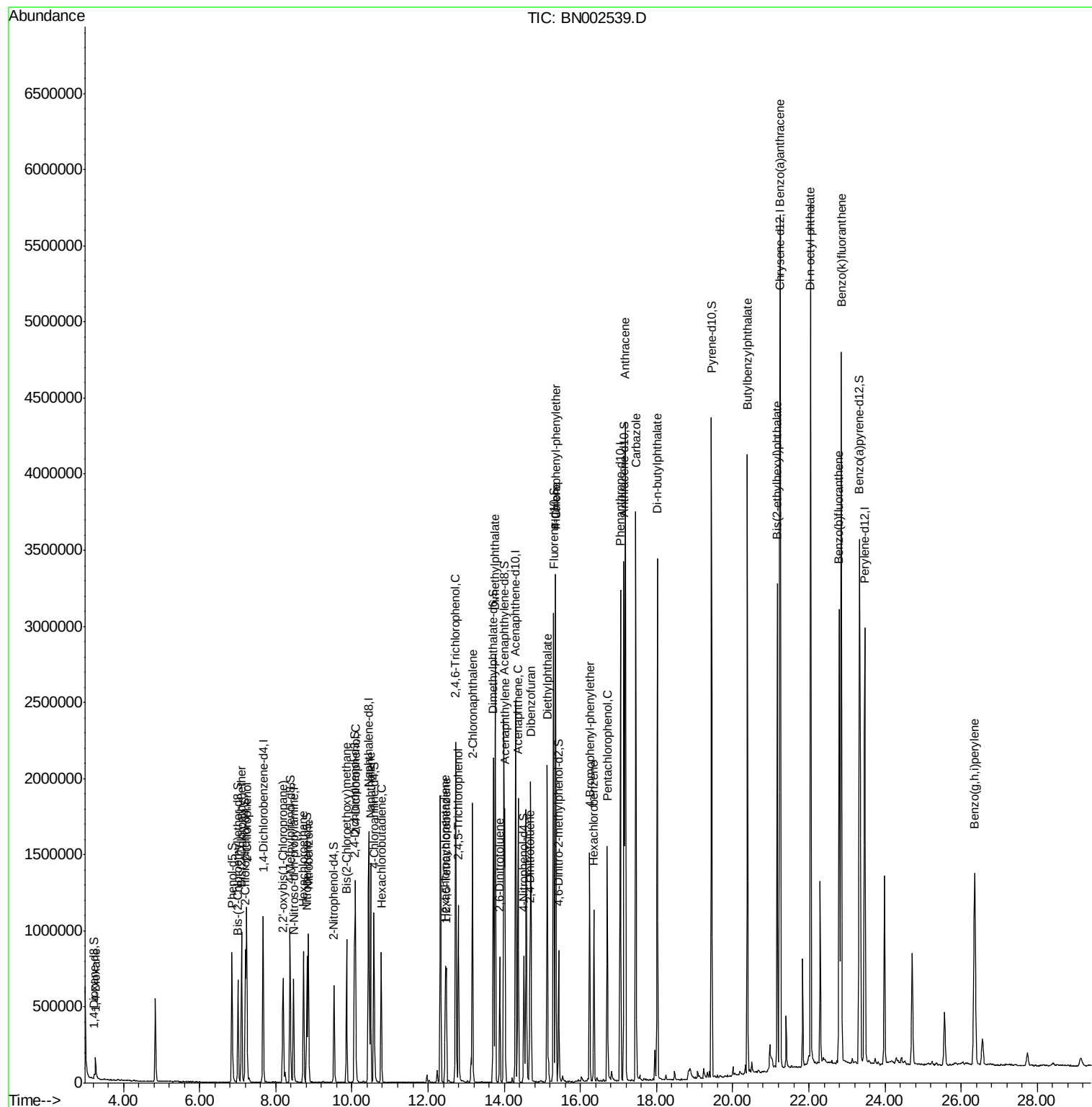
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.35	166	1009908	15.743	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	291435	9.205	ng/ul	96
65) 4-Bromophenyl-phenylether	16.25	248	277592	14.371	ng/ul	91
66) Hexachlorobenzene	16.36	284	220366	10.222	ng/ul	95
68) Pentachlorophenol	16.70	266	263153	21.808	ng/ul	99
71) Anthracene	17.18	178	2622400	24.771	ng/ul	99
74) Carbazole	17.46	167	2295823	24.454	ng/ul	99
75) Di-n-butylphthalate	18.02	149	2325150	20.373	ng/ul	99
80) Butylbenzylphthalate	20.39	149	1151906	22.446	ng/ul	96
82) Benzo(a)anthracene	21.23	228	2245650	18.248	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1043577	13.557	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	3574806	28.256	ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	1147401	9.615	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	3065067	27.264	ng/ul	100
93) Benzo(a,h,i)perylene	26.36	276	1573538	13.945	ng/ul	99

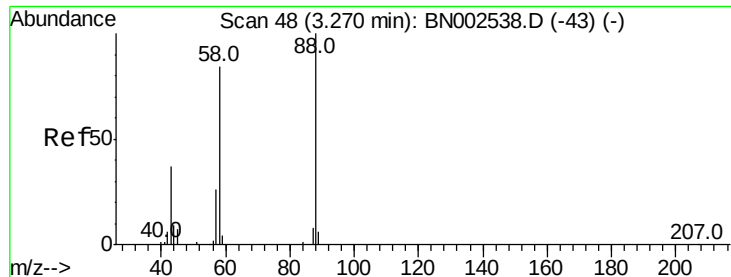
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 11.391 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

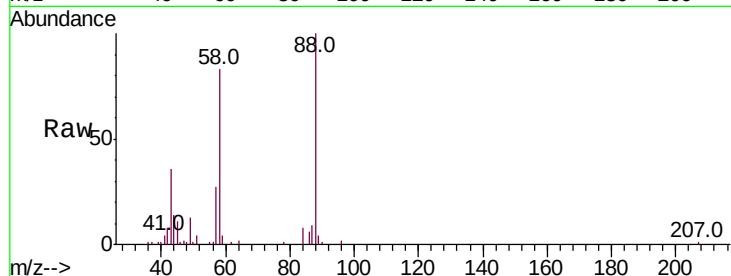
Tot Ion: 88 Resp: 77742

Ion Ratio Lower Upper

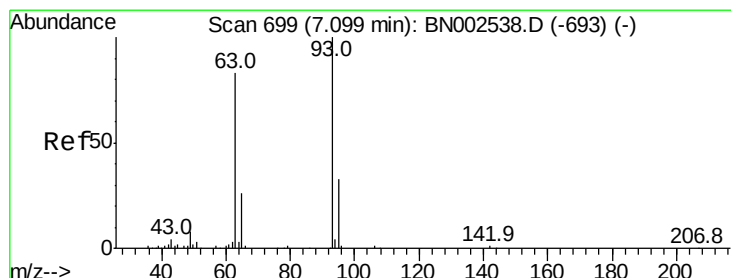
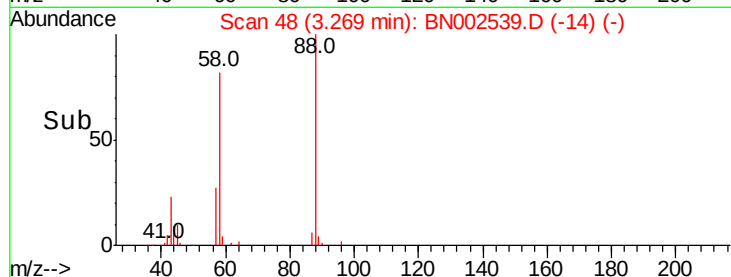
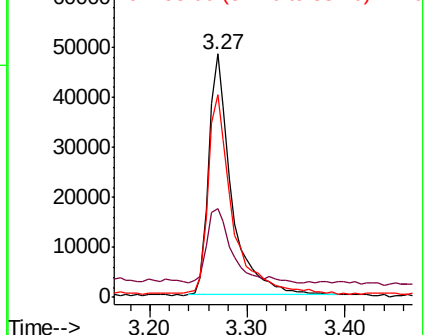
88 100

43 33.1 32.0 48.0

58 85.7 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 25.362 ng/uL

RT: 7.10 min Scan# 700

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

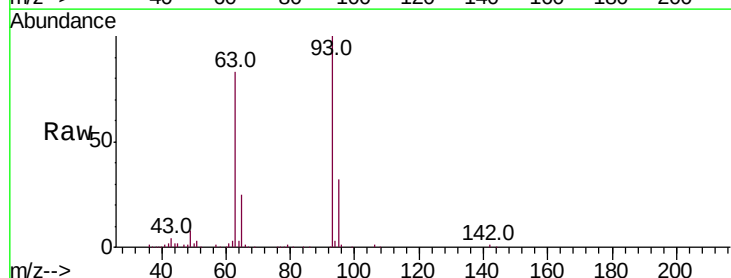
Tgt Ion: 93 Resp: 542095

Ion Ratio Lower Upper

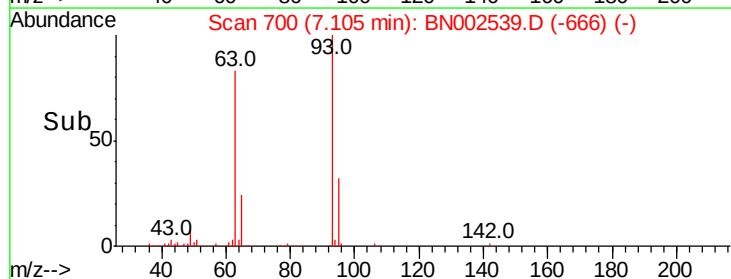
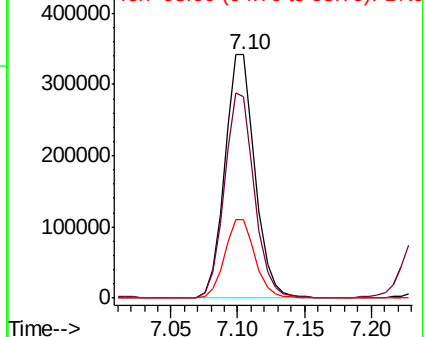
93 100

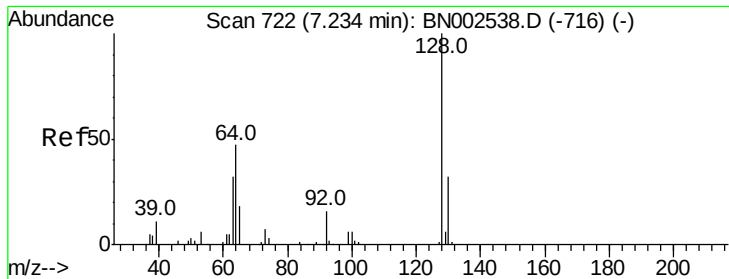
63 82.9 53.5 80.3#

95 32.4 26.2 39.2



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

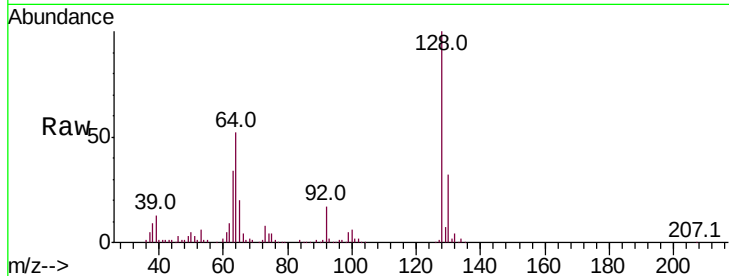




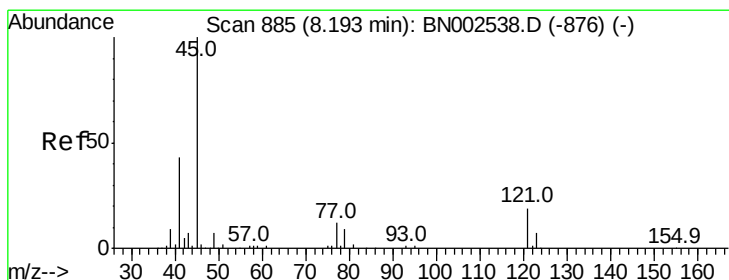
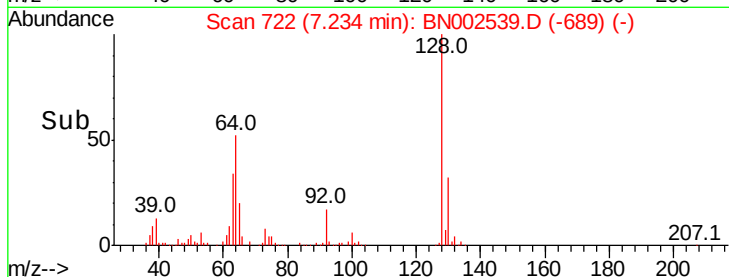
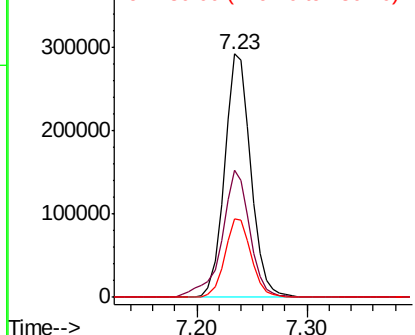
#10
 2-Chlorophenol
 Concen: 22.991 ng/ul
 RT: 7.23 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Instrument :
 BNA_N
 ClientSampleId :
 A3YT4

Tot Ion	Ratio	Lower	Upper
128	100		
64	52.4	31.9	47.9#
130	32.2	25.6	38.4

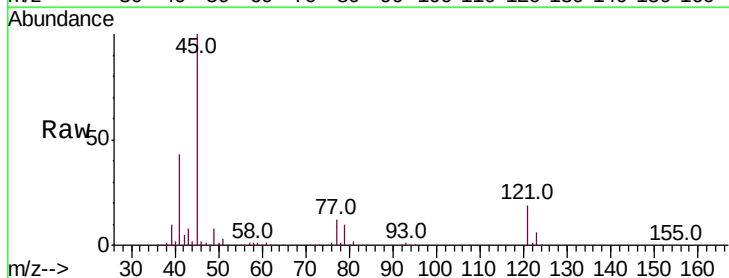


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 130.00 (129.70 to 130.70): E

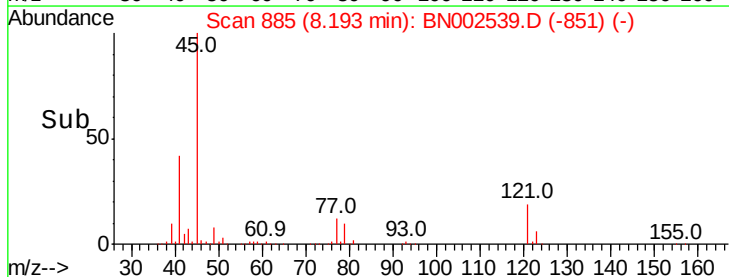
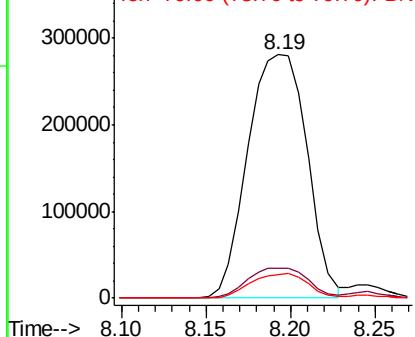


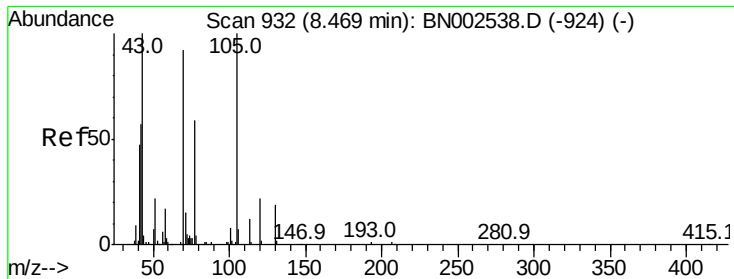
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 19.241 ng/ul
 RT: 8.19 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	15.9	23.9#
79	9.8	12.5	18.7#



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





#15

N-Nitroso-di-n-propylamine

Concen: 12.509 ng/ul

RT: 8.47 min Scan# 932

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

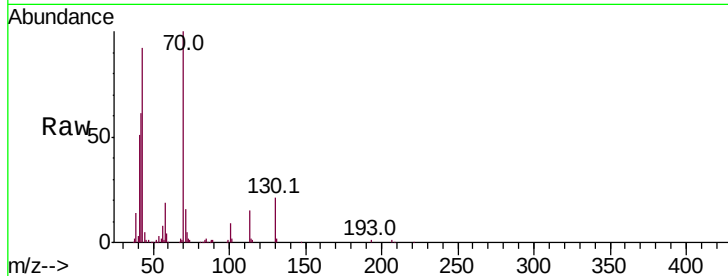
ClientSampleId :

A3YT4

Tot Ion: 70 Resp: 232903

Ion Ratio Lower Upper

70	100		
42	61.1	35.4	53.0#
101	9.3	8.4	12.6
130	20.5	18.2	27.4

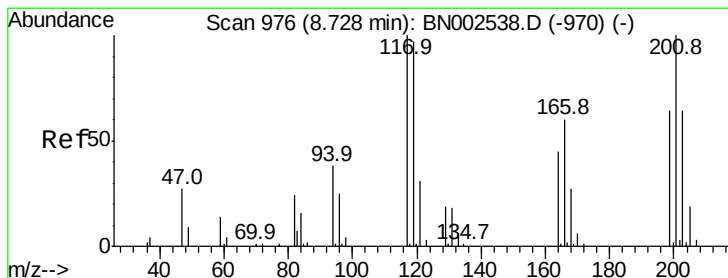
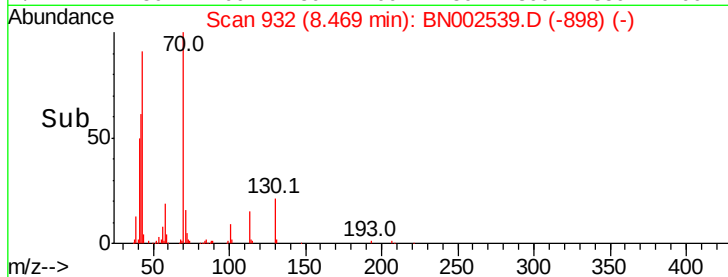
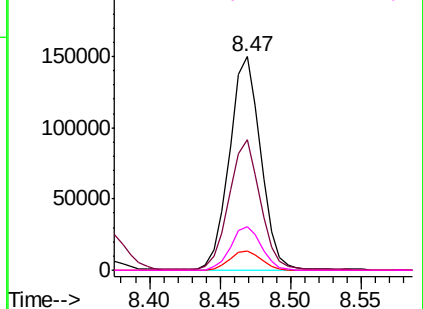


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 18.541 ng/ul

RT: 8.73 min Scan# 976

Delta R.T. -0.01 min

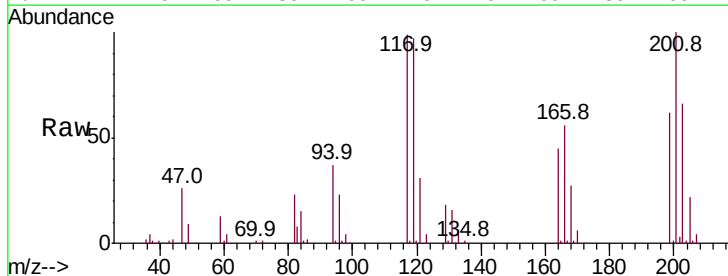
Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Tgt Ion: 117 Resp: 164435

Ion Ratio Lower Upper

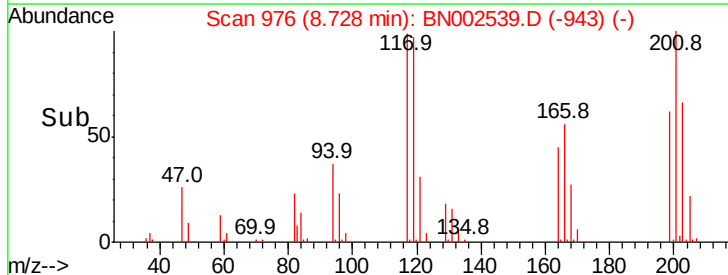
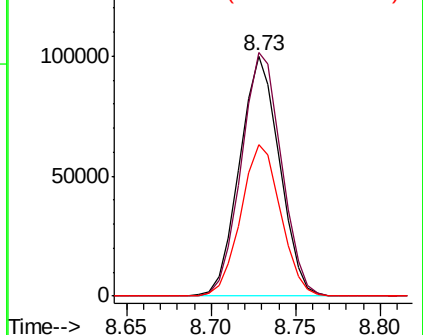
117	100		
201	101.5	81.5	122.3
199	63.2	50.6	76.0

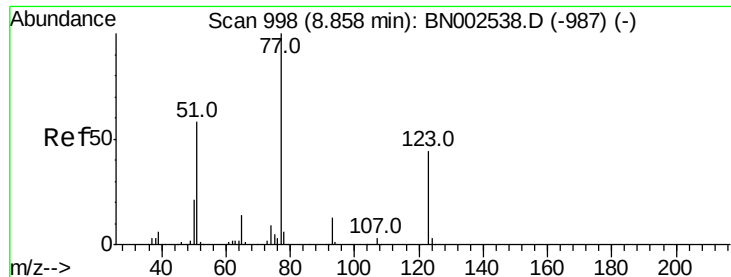


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

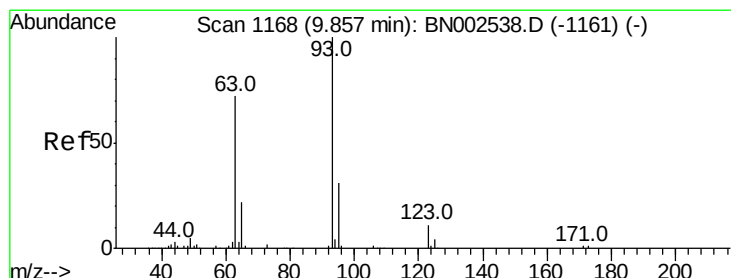
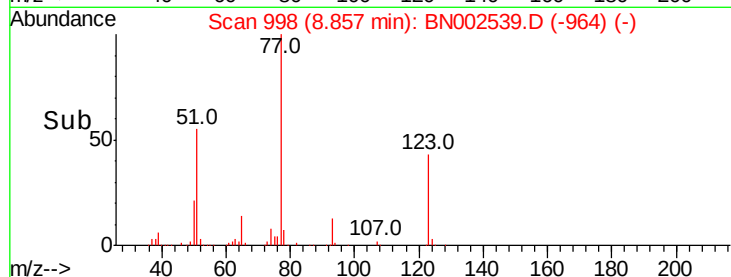
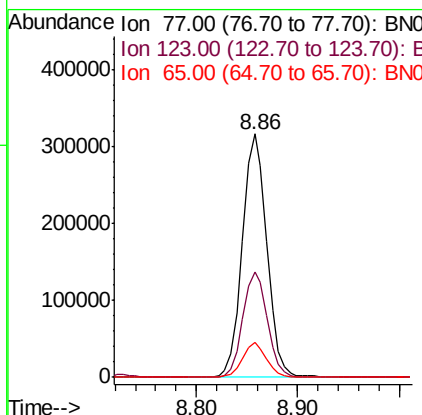
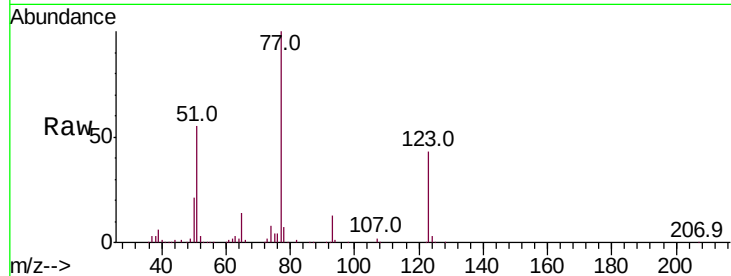




#20
Nitrobenzene
Concen: 20.697 ng/ul
RT: 8.86 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

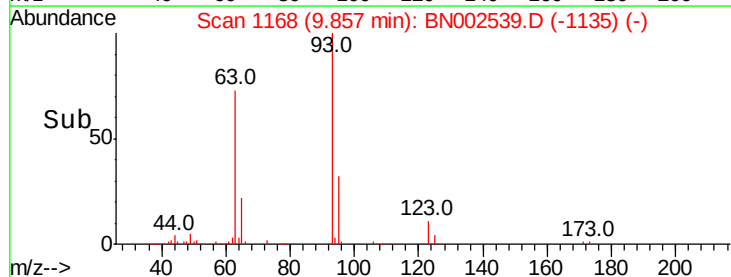
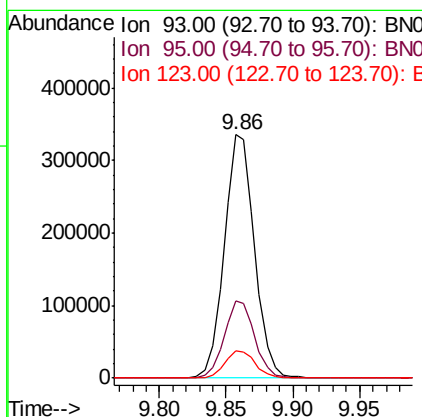
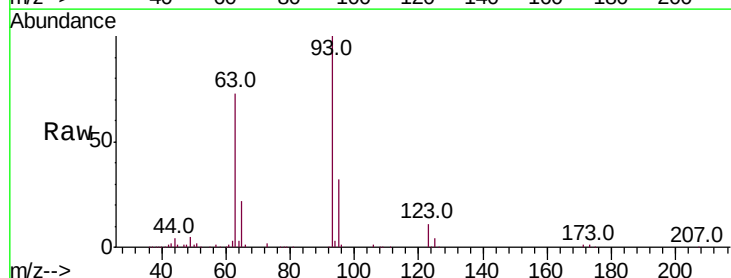
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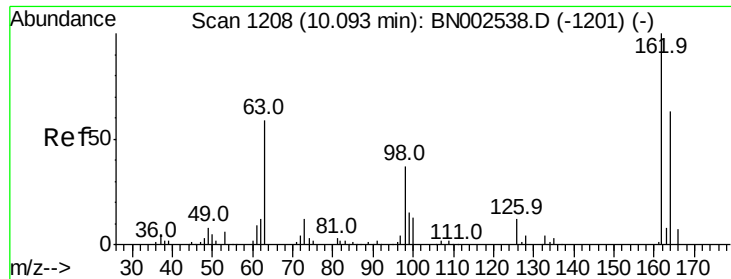
Tot Ion: 77 Resp: 529007
Ion Ratio Lower Upper
77 100
123 43.1 39.0 58.4
65 14.3 10.4 15.6



#25
Bis(2-Chloroethoxy)methane
Concen: 18.270 ng/ul
RT: 9.86 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

Tgt Ion: 93 Resp: 530351
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.8
123 11.2 9.8 14.8

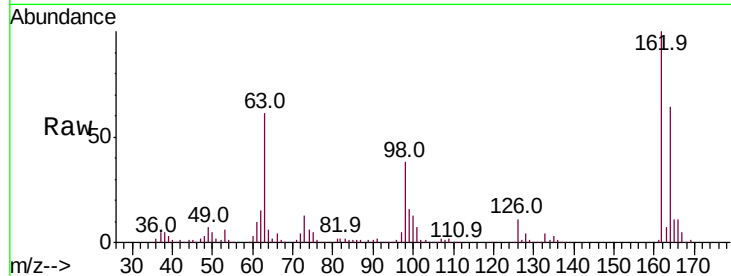




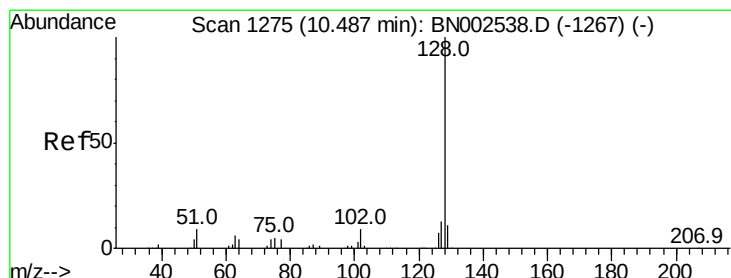
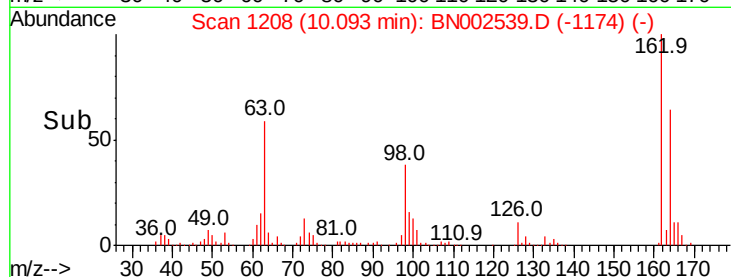
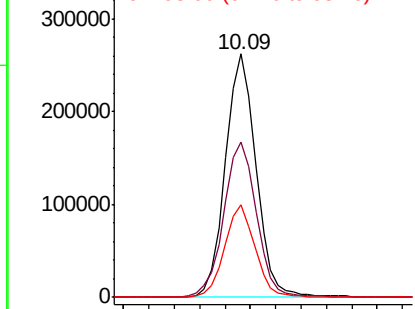
#27
 2,4-Dichlorophenol
 Concen: 21.962 ng/ul
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

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 BNA_N
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 A3YT4

Tot Ion:162 Resp: 438879
 Ion Ratio Lower Upper
 162 100
 164 64.0 52.1 78.1
 98 37.8 28.4 42.6

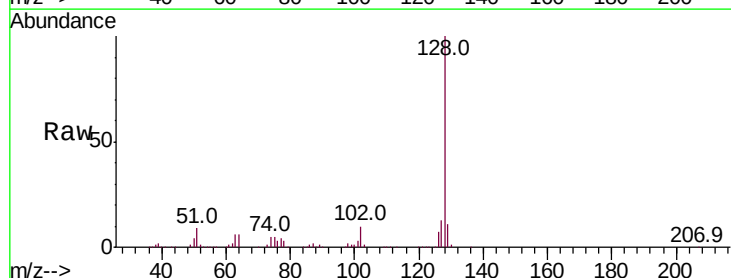


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

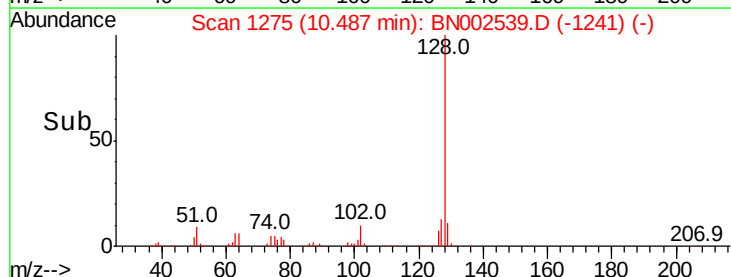
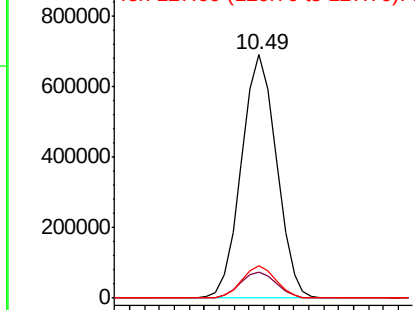


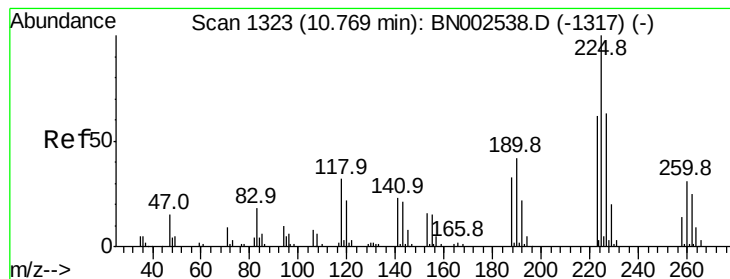
#28
 Naphthalene
 Concen: 16.312 ng/ul
 RT: 10.49 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Tgt Ion:128 Resp: 1126034
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.2 10.5 15.7



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





#31

Hexachlorobutadiene

Concen: 14.310 ng/ul

RT: 10.77 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

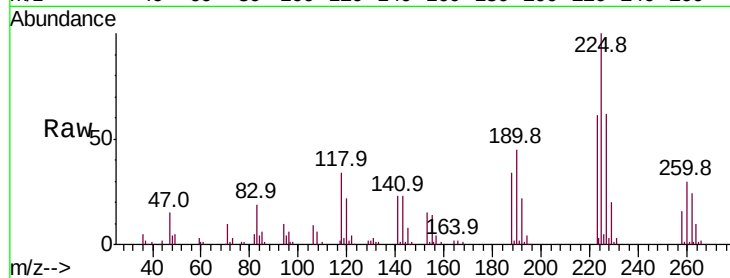
Tot Ion:225 Resp: 180010

Ion Ratio Lower Upper

225 100

223 61.0 51.4 77.2

227 62.2 50.7 76.1

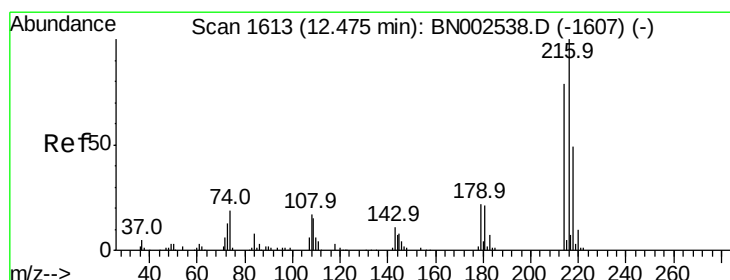
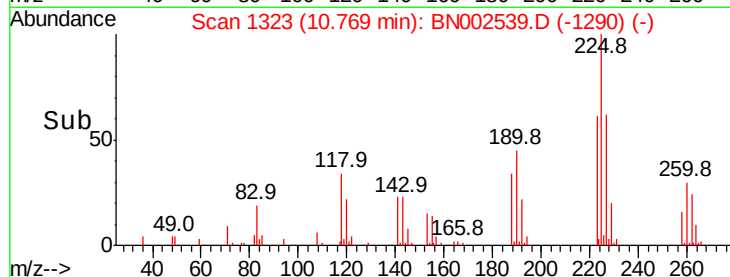
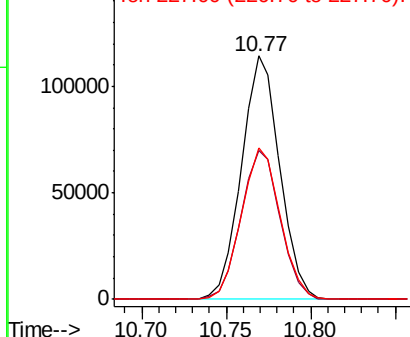


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 9.021 ng/ul

RT: 12.48 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Tgt Ion:216 Resp: 222362

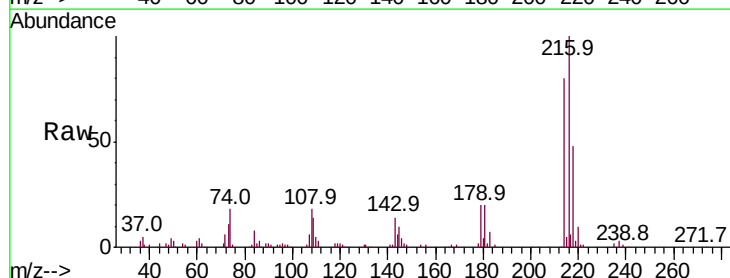
Ion Ratio Lower Upper

216 100

214 80.2 62.5 93.7

179 20.5 18.2 27.2

108 17.5 14.2 21.2



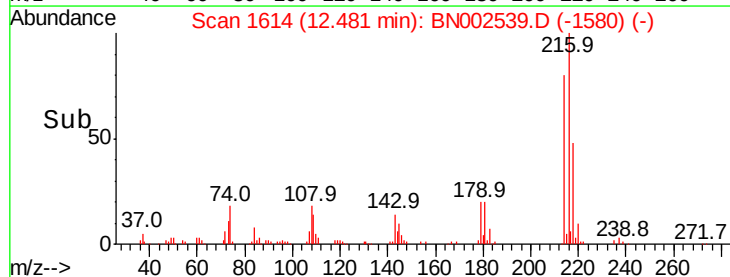
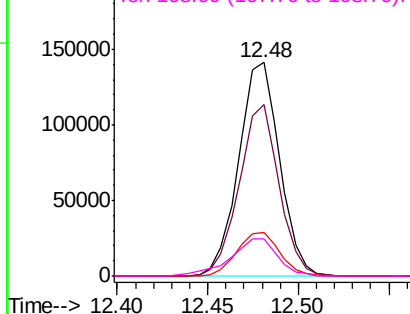
Abundance

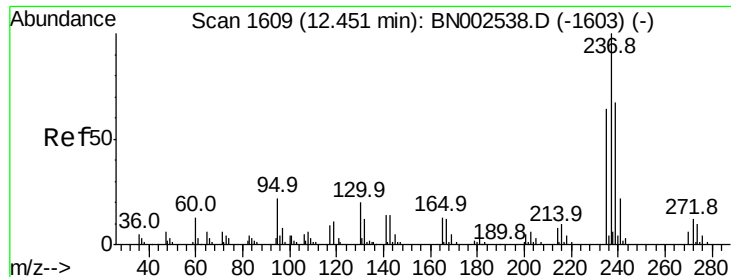
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 12.397 ng/ul

RT: 12.45 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

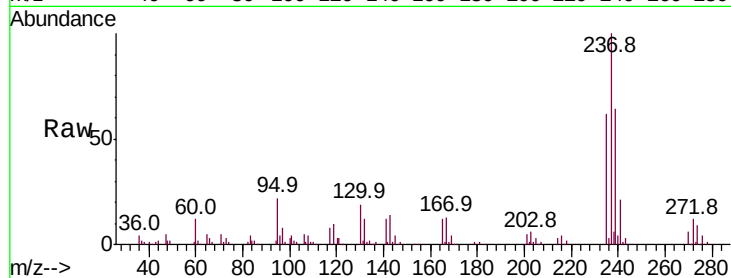
Tot Ion:237 Resp: 185617

Ion Ratio Lower Upper

237 100

235 61.8 50.4 75.6

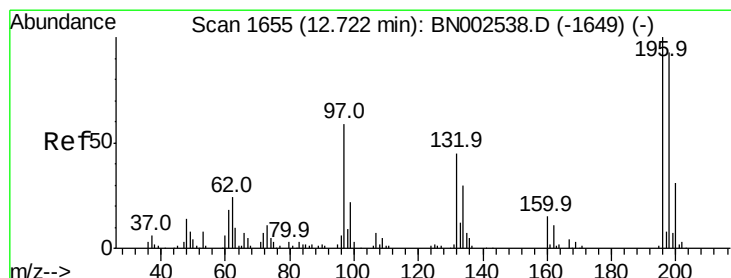
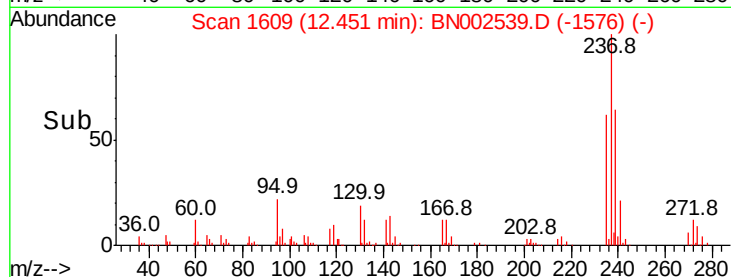
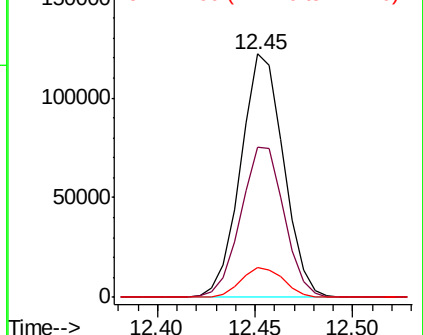
272 12.2 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 31.376 ng/ul

RT: 12.72 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

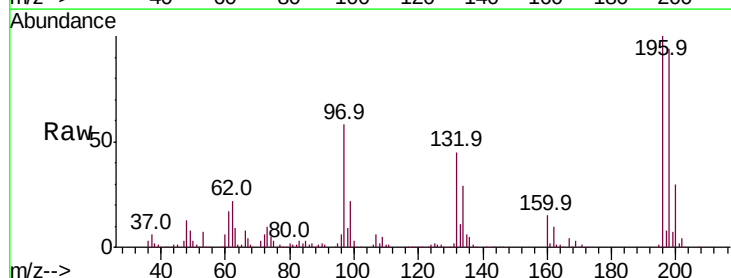
Tgt Ion:196 Resp: 497973

Ion Ratio Lower Upper

196 100

198 94.1 76.6 114.8

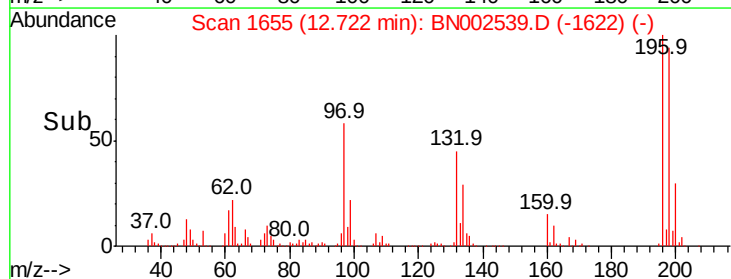
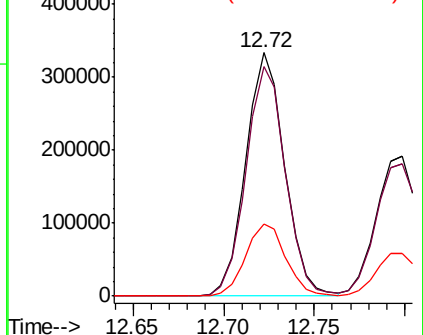
200 29.8 24.7 37.1

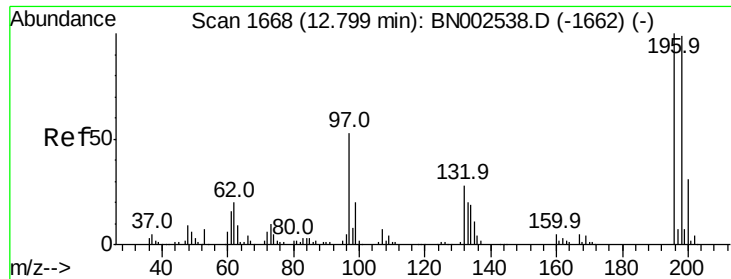


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

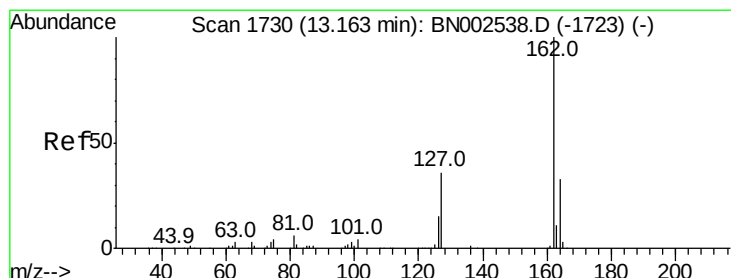
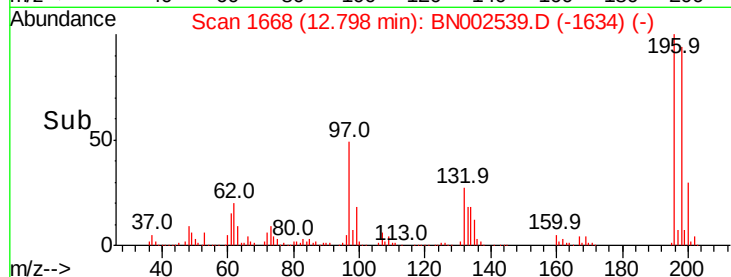
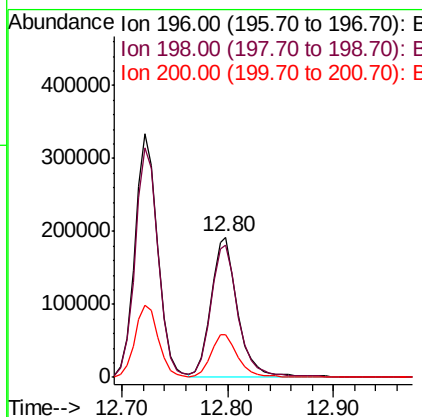
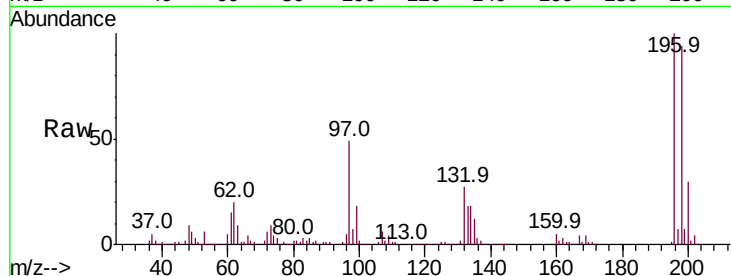




#39
 2,4,5-Trichlorophenol
 Concen: 19.699 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

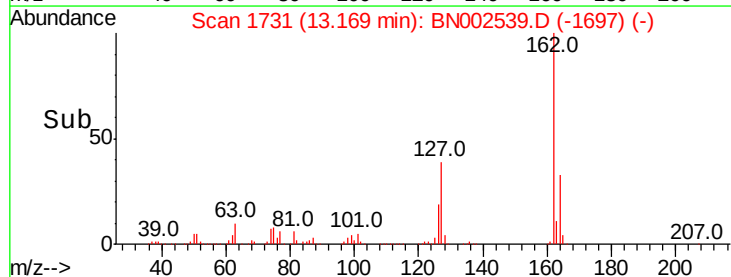
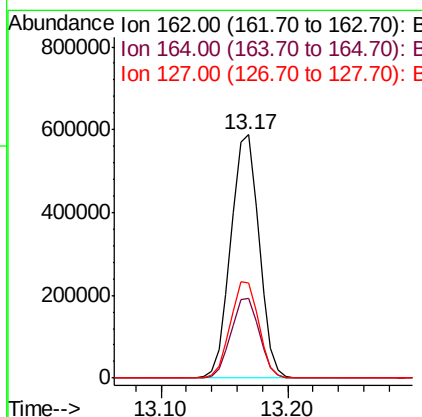
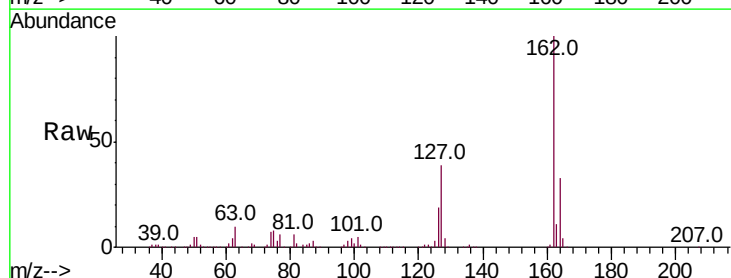
Instrument :
 BNA_N
 ClientSampled :
 A3YT4

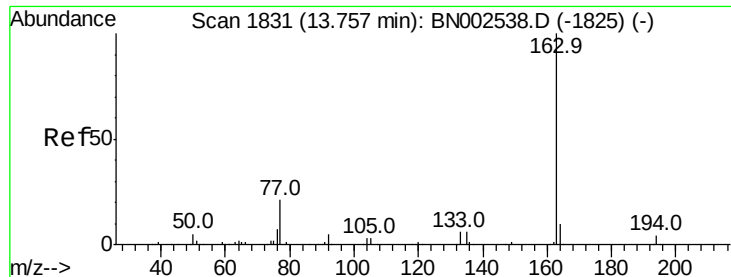
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.9	115.3
200	30.3	25.0	37.4



#41
 2-Chloronaphthalene
 Concen: 17.888 ng/ul
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.9	25.9	38.9
127	39.1	34.1	51.1





#44

Dimethylphthalate

Concen: 26.551 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

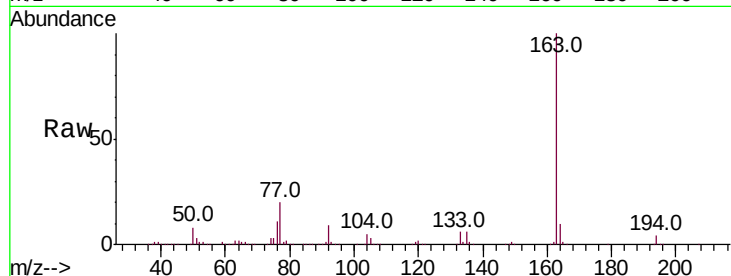
Tot Ion:163 Resp: 1756566

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

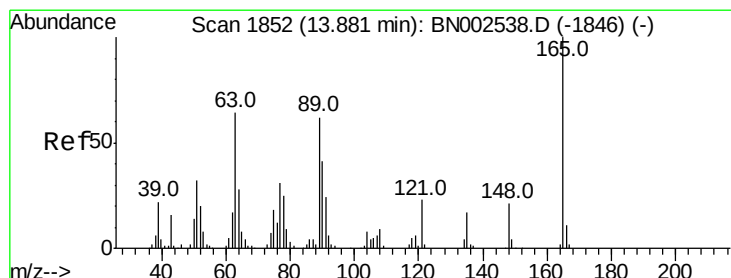
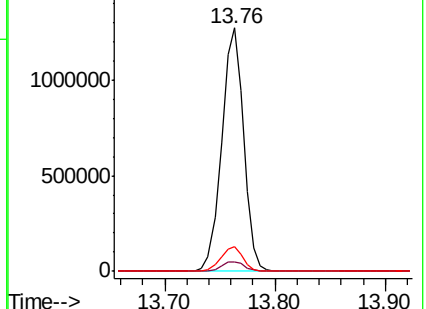
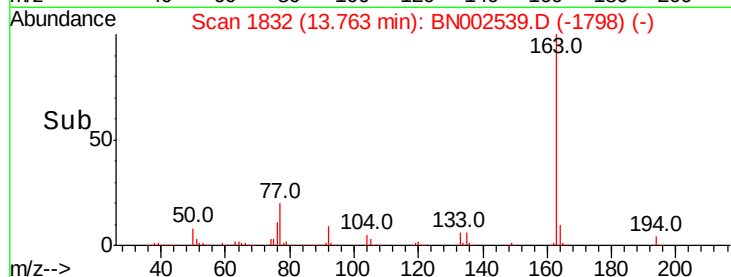
164 10.0 7.8 11.8



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



#45

2,6-Dinitrotoluene

Concen: 10.815 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

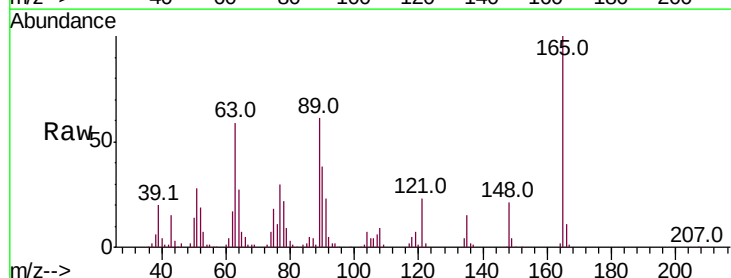
Tgt Ion:165 Resp: 144558

Ion Ratio Lower Upper

165 100

89 60.7 42.4 63.6

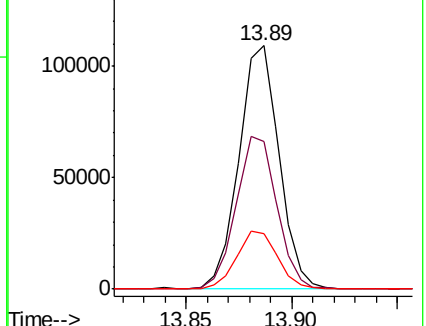
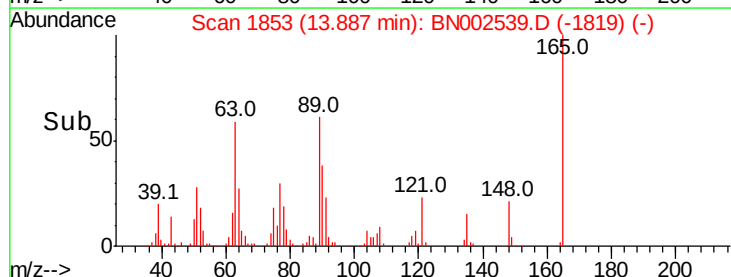
121 22.7 16.6 24.8

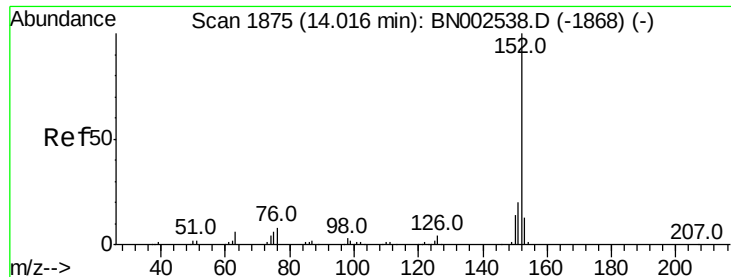


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 15.796 ng/ul

RT: 14.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

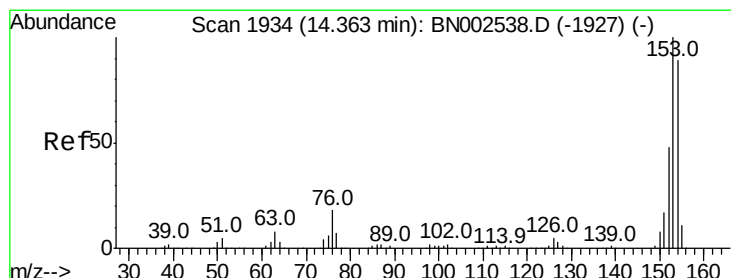
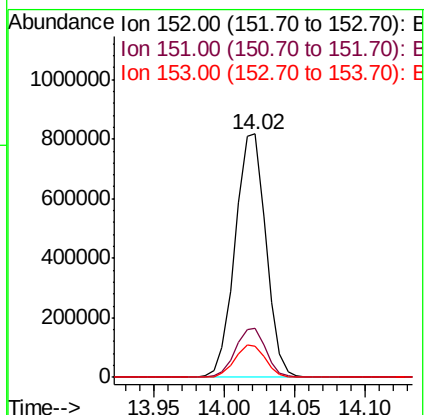
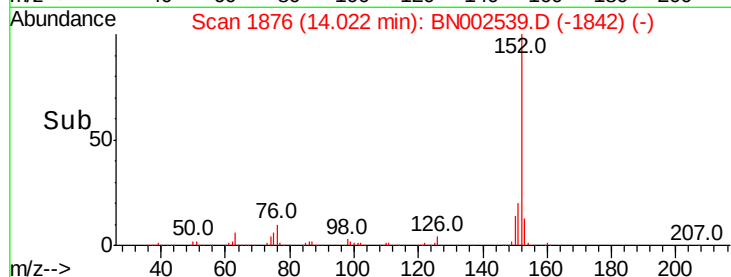
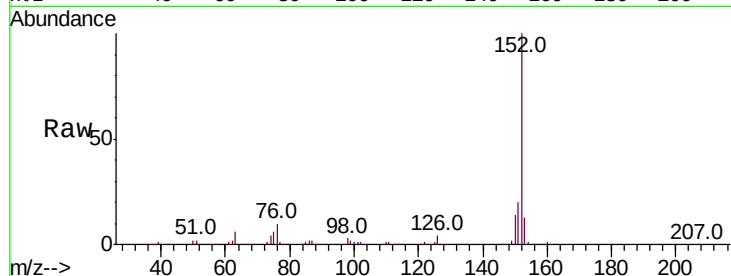
Tot Ion:152 Resp: 1244491

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.0	10.5	15.7

152 100

151 20.3 15.7 23.5

153 13.0 10.5 15.7



#49

Acenaphthene

Concen: 13.399 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

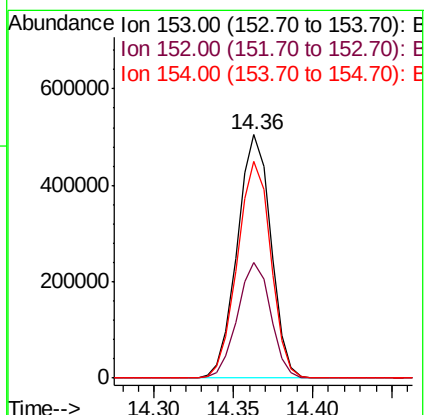
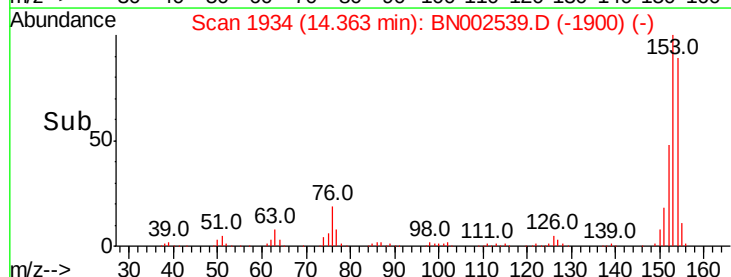
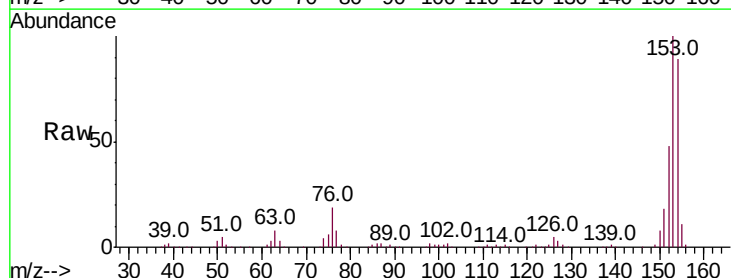
Tgt Ion:153 Resp: 744647

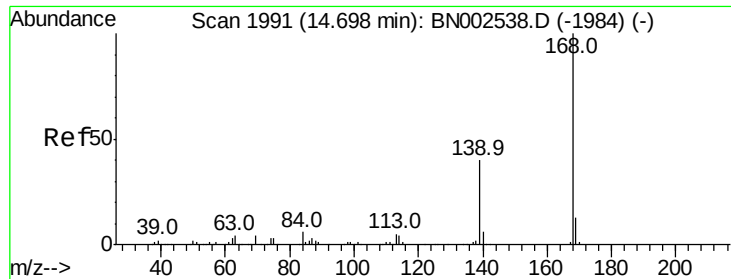
Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.3	57.5
154	89.2	71.8	107.8

153 100

152 47.5 38.3 57.5

154 89.2 71.8 107.8





#53

Dibenzofuran

Concen: 14.974 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

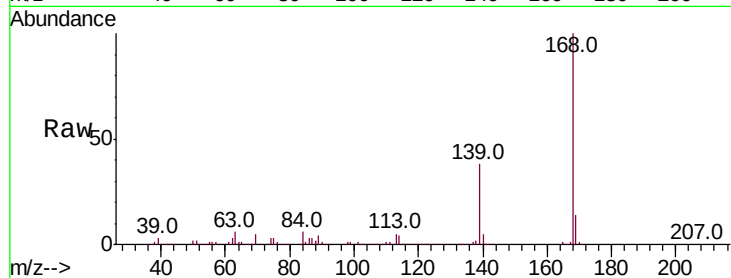
A3YT4

Tot Ion:168 Resp: 1174093

Ion Ratio Lower Upper

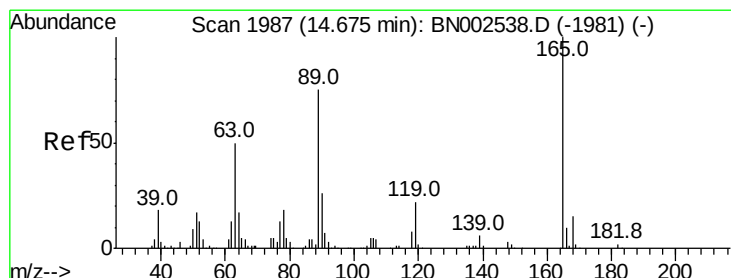
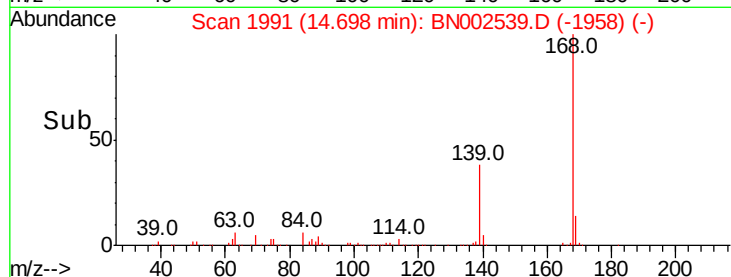
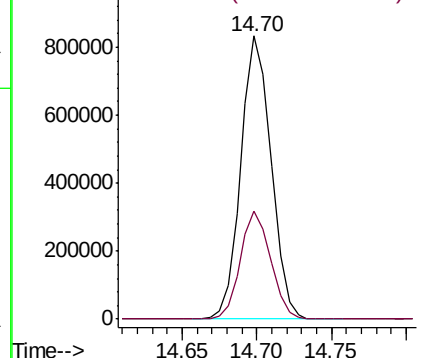
168 100

139 38.0 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 9.512 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

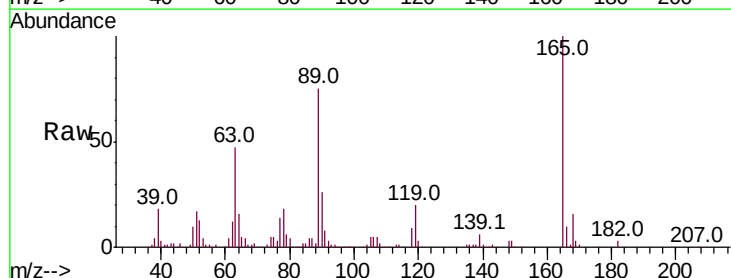
Tgt Ion:165 Resp: 191700

Ion Ratio Lower Upper

165 100

63 47.5 29.8 44.6#

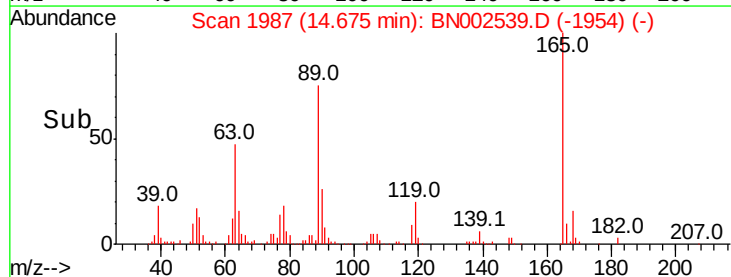
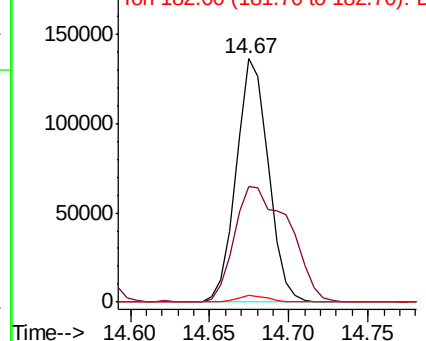
182 3.0 2.2 3.4

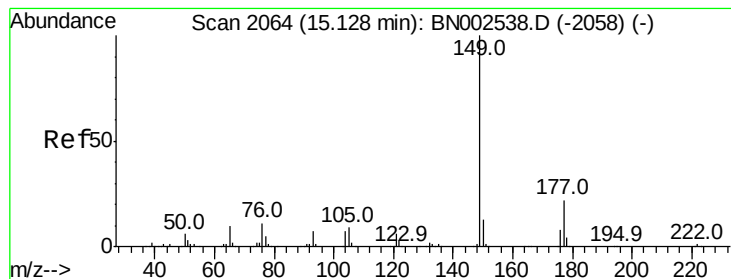


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 16.981 ng/ul

RT: 15.13 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

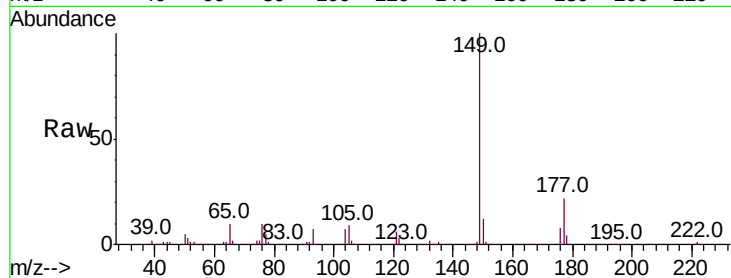
Tot Ion:149 Resp: 1146220

Ion Ratio Lower Upper

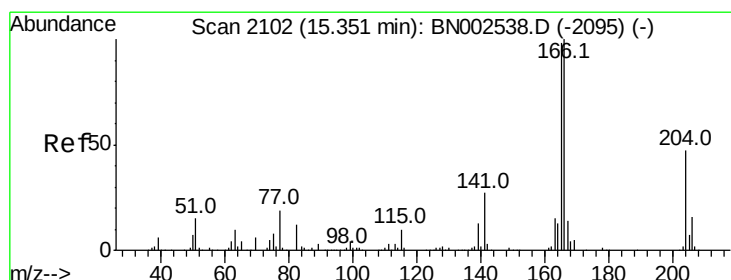
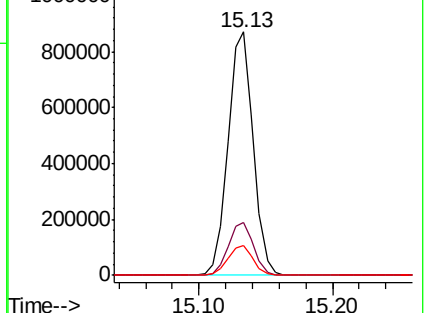
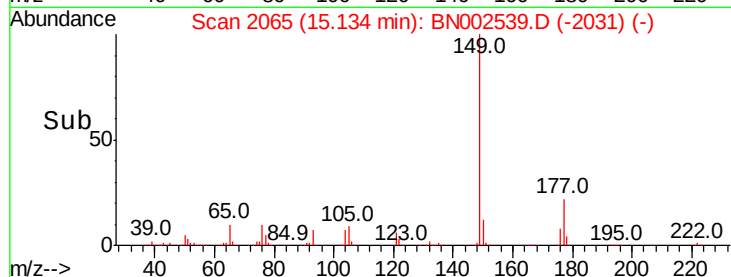
149 100

177 21.8 17.4 26.2

150 12.3 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



#58

Fluorene

Concen: 15.743 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

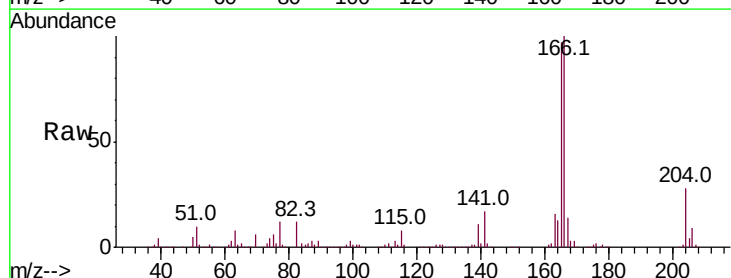
Tgt Ion:166 Resp: 1009908

Ion Ratio Lower Upper

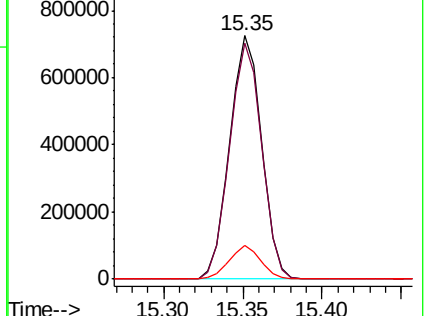
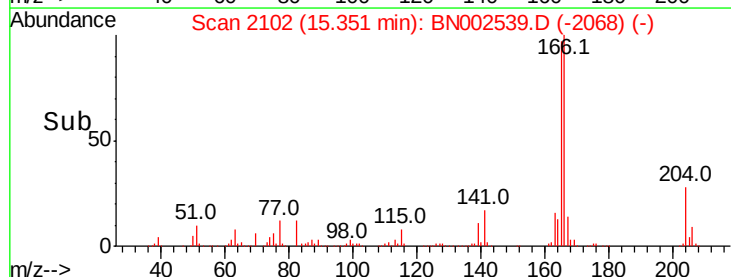
166 100

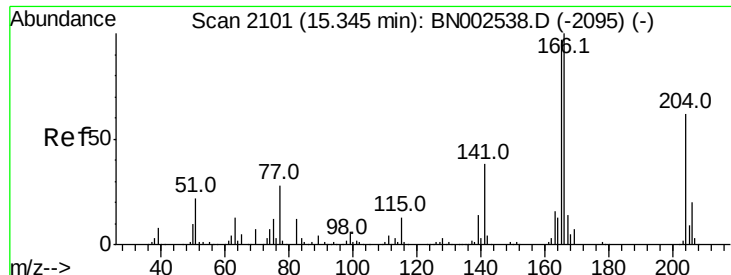
165 96.8 78.5 117.7

167 13.7 10.7 16.1



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

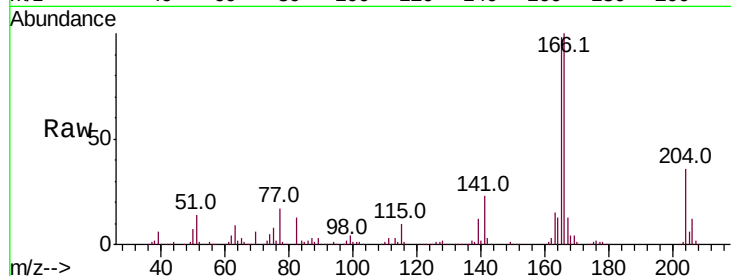




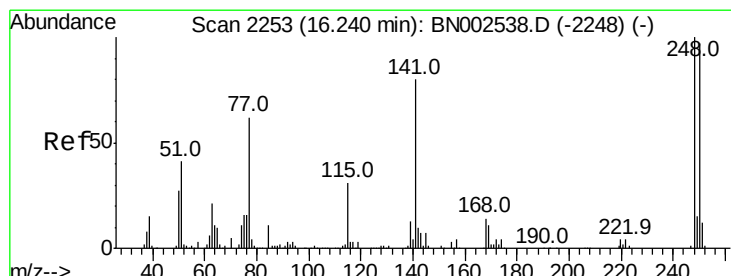
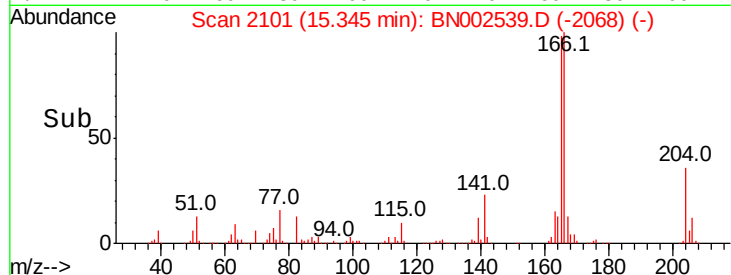
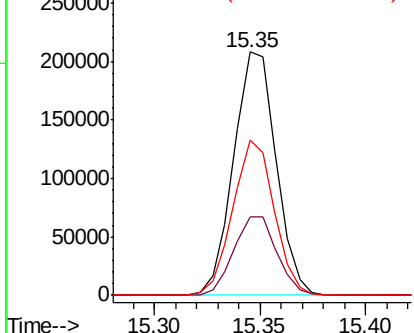
#59
 4-Chlorophenyl-phenylether
 Concen: 9.205 ng/ul
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Instrument :
 BNA_N
 ClientSampled :
 A3YT4

Tot Ion:	204	Resp:	291435
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.4
141	64.0	54.6	81.8

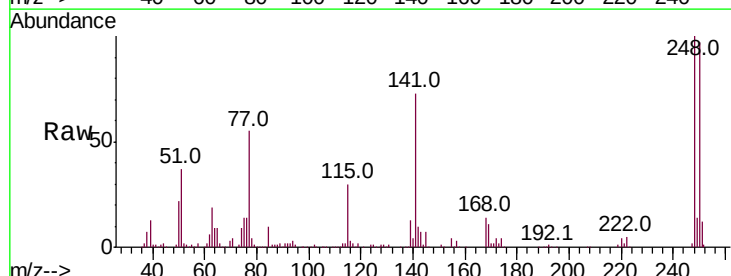


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

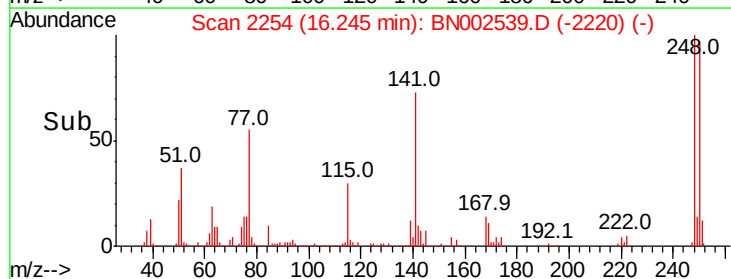
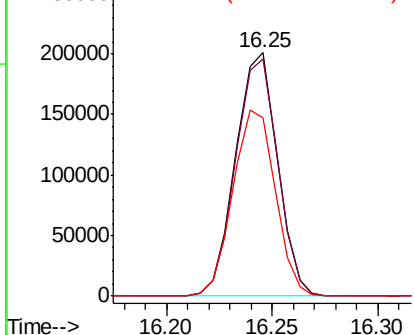


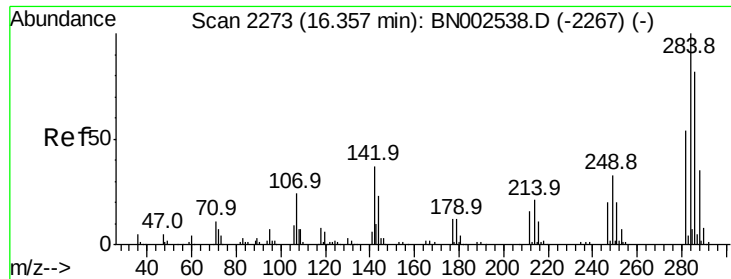
#65
 4-Bromophenyl-phenylether
 Concen: 14.371 ng/ul
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Tgt Ion:	248	Resp:	277592
Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.7	118.1
141	73.4	72.2	108.2



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

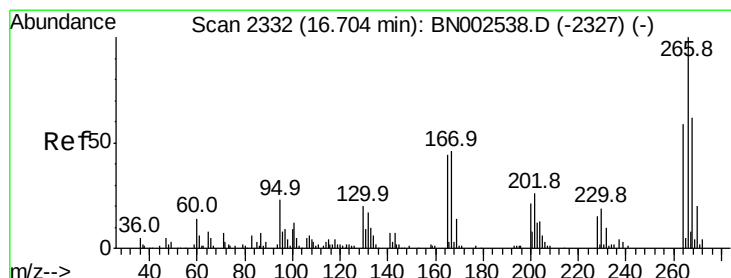
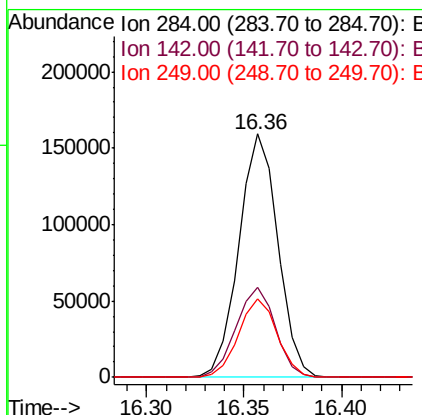
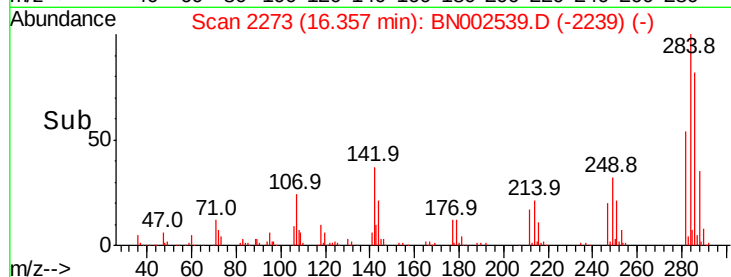
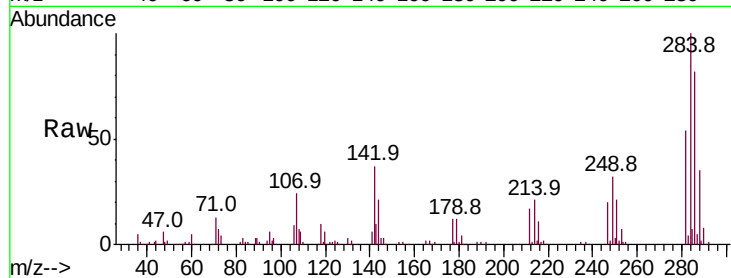




#66
Hexachlorobenzene
Concen: 10.222 ng/ul
RT: 16.36 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

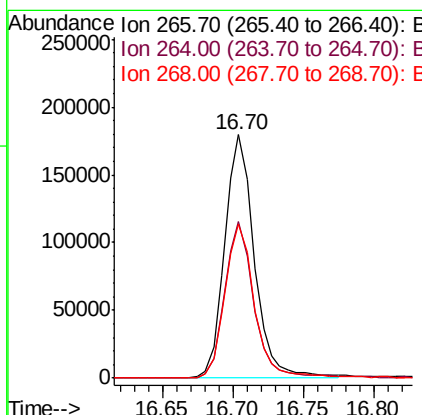
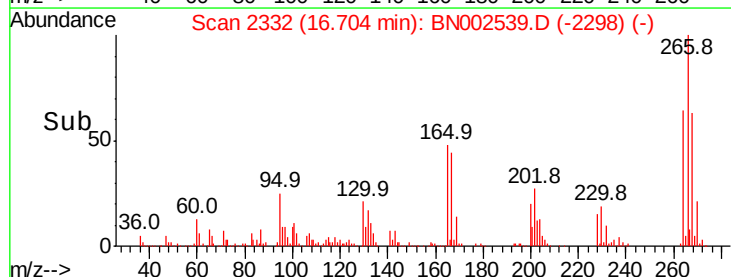
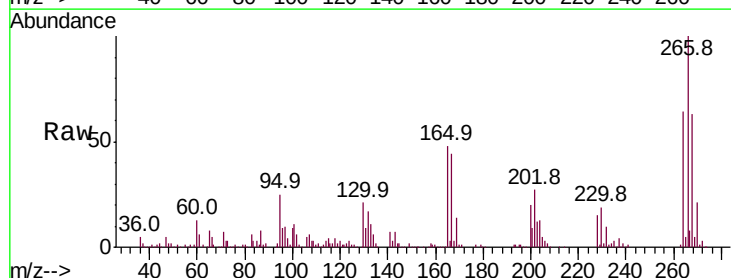
Instrument :
BNA_N
ClientSampled :
A3YT4

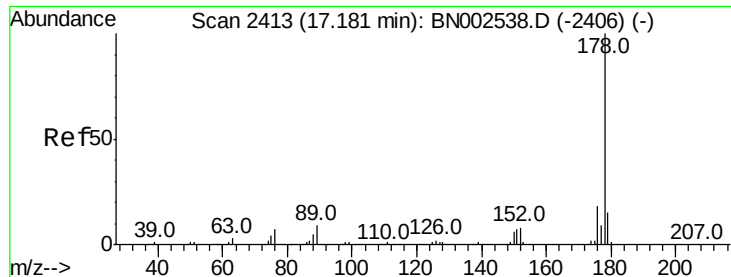
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.8	33.1	49.7
249	32.3	27.1	40.7



#68
Pentachlorophenol
Concen: 21.808 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.5	75.7
268	63.2	50.9	76.3

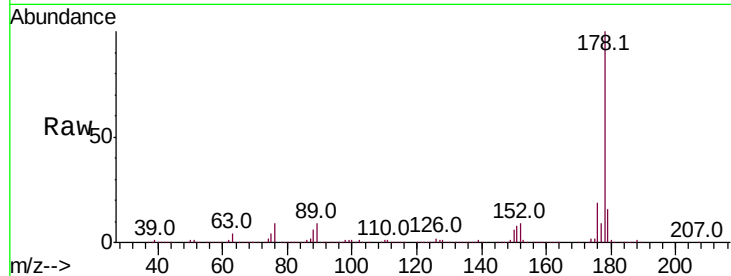




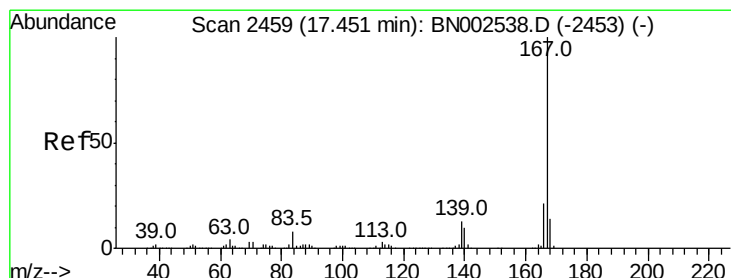
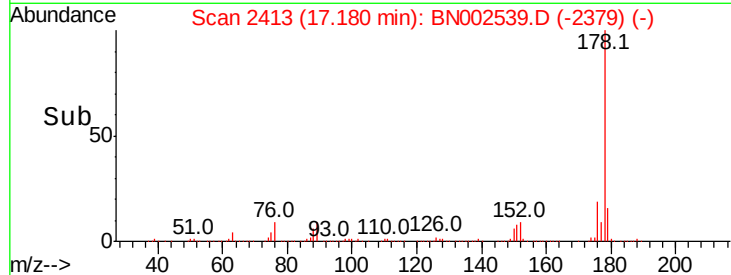
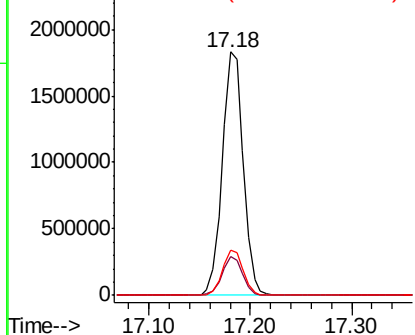
#71
 Anthracene
 Concen: 24.771 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Instrument :
 BNA_N
 ClientSampleId :
 A3YT4

Tot Ion:178 Resp: 2622400
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.1 18.1
 176 18.7 14.8 22.2

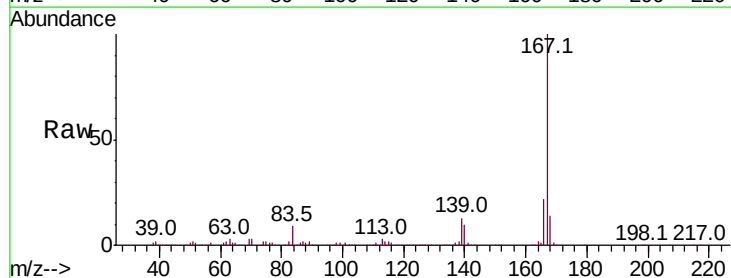


Abundance Ion 178.00 (177.70 to 178.70): E
 2500000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

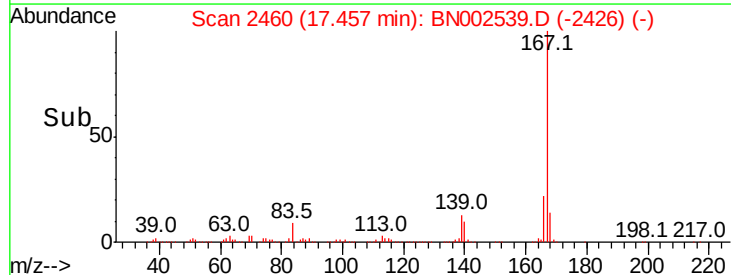
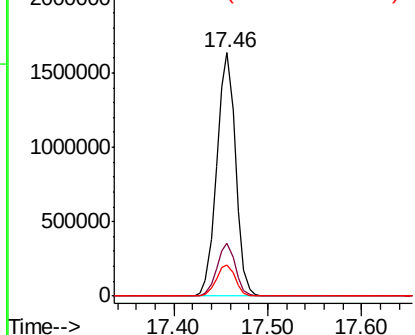


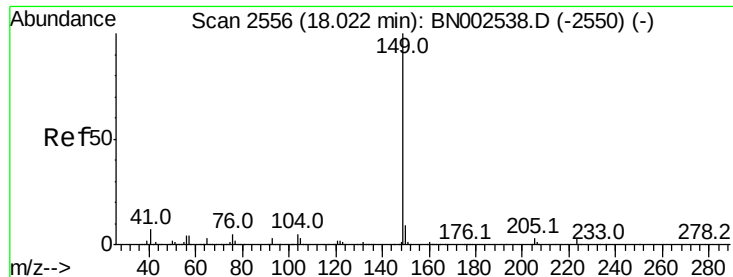
#74
 Carbazole
 Concen: 24.454 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BN002539.D
 Acq: 29 Aug 2018 11:29

Tgt Ion:167 Resp: 2295823
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.0 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

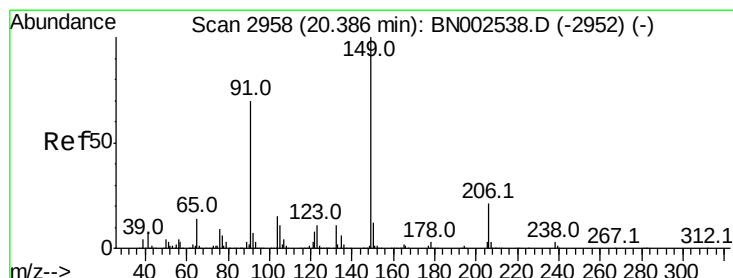
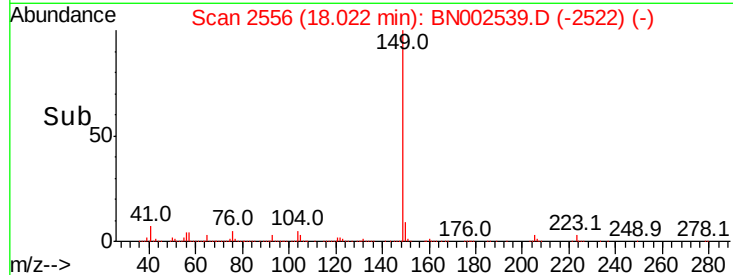
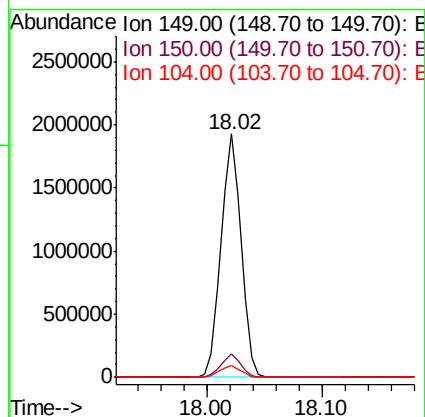
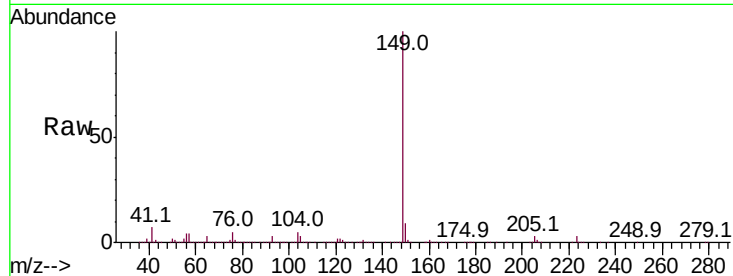




#75
Di-n-butylphthalate
Concen: 20.373 ng/ul
RT: 18.02 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

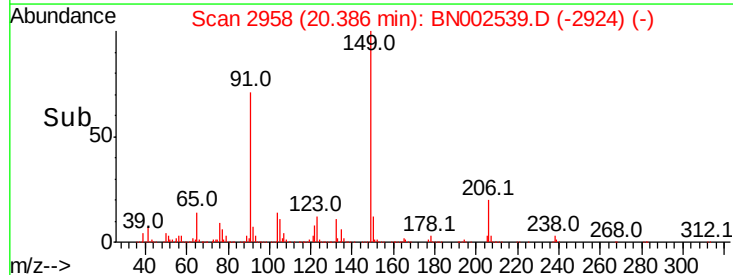
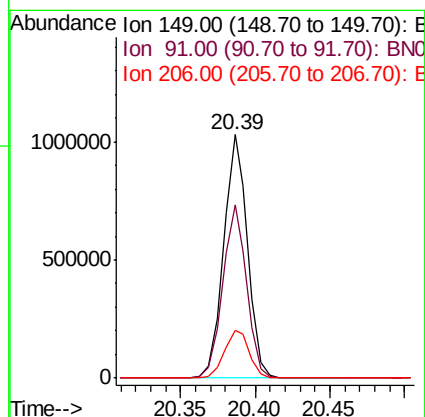
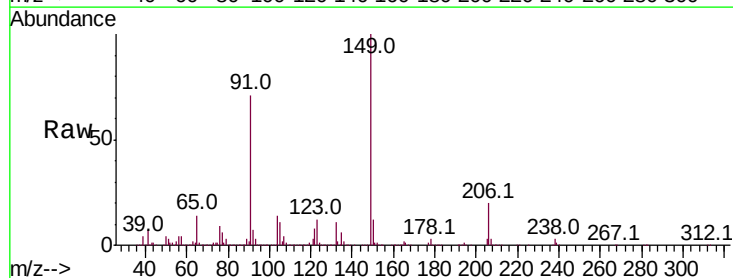
Instrument :
BNA_N
ClientSampleId :
A3YT4

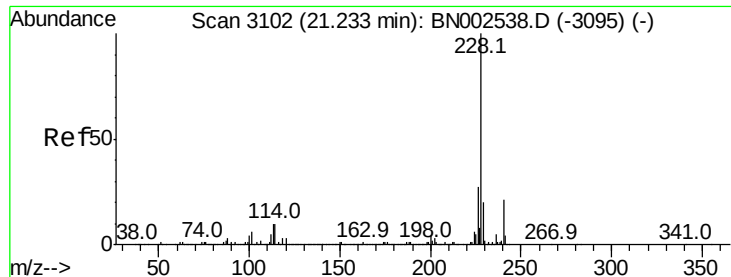
Tot Ion:149 Resp: 2325150
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.1 4.0 6.0



#80
Butylbenzylphthalate
Concen: 22.446 ng/ul
RT: 20.39 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

Tgt Ion:149 Resp: 1151906
Ion Ratio Lower Upper
149 100
91 70.9 53.4 80.2
206 19.9 16.6 24.8





#82

Benzo(a)anthracene

Concen: 18.248 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

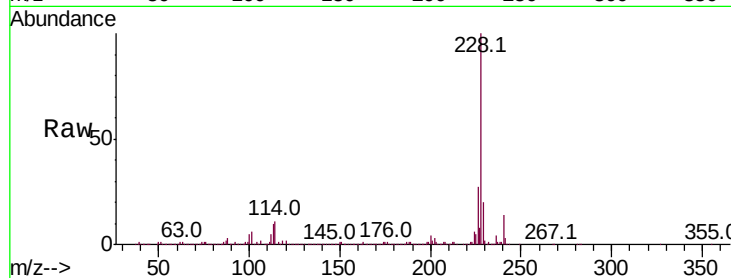
BNA_N

ClientSampleId :

A3YT4

Tot Ion:228 Resp: 2245650

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.1	21.8	32.6

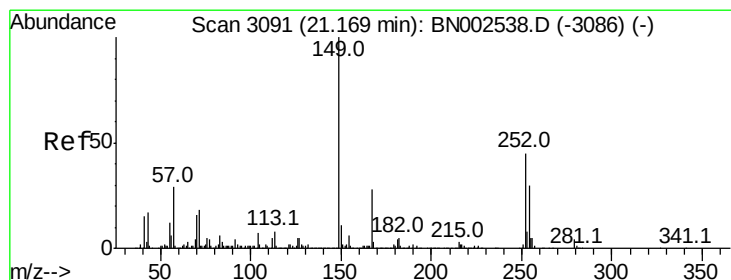
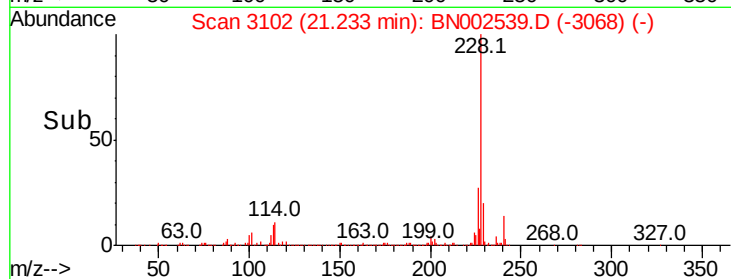
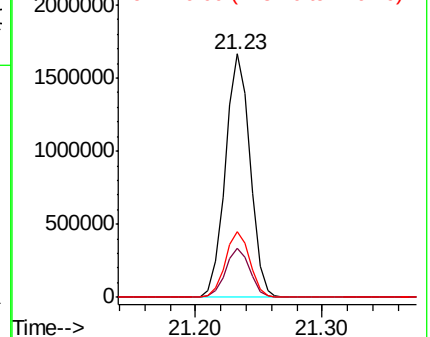


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 13.557 ng/ul

RT: 21.17 min Scan# 3091

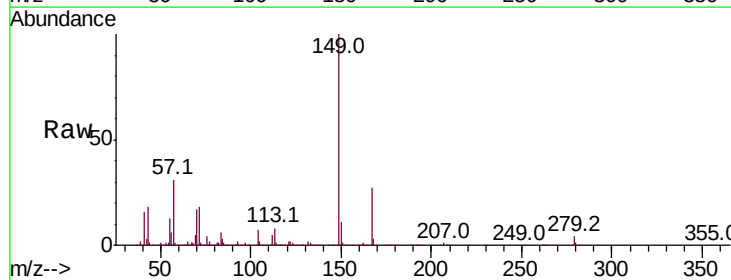
Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Tgt Ion:149 Resp: 1043577

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.1	3.0	4.4

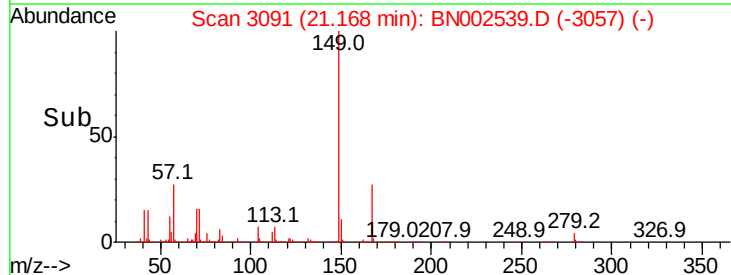
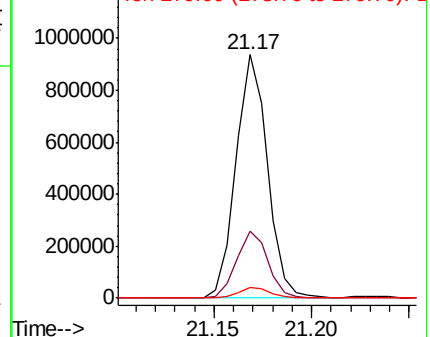


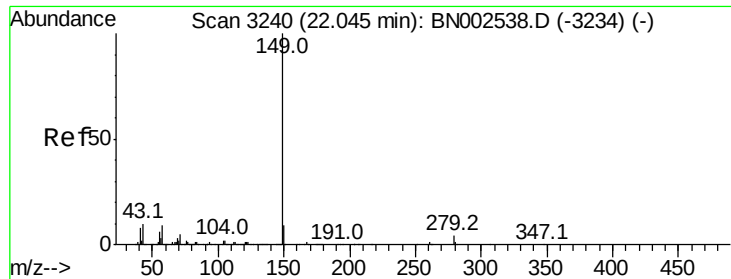
Abundance

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





#86

Di-n-octyl phthalate

Concen: 28.256 ng/ul

RT: 22.04 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

Instrument :

BNA_N

ClientSampleId :

A3YT4

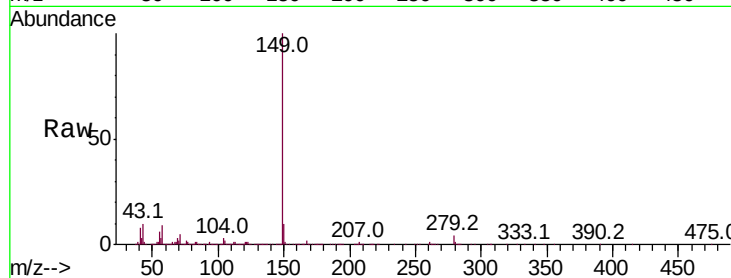
Tot Ion:149 Resp: 3574806

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

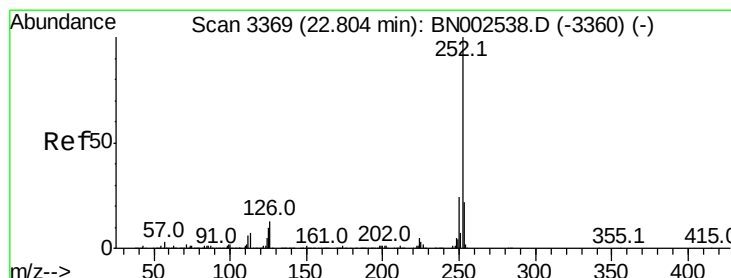
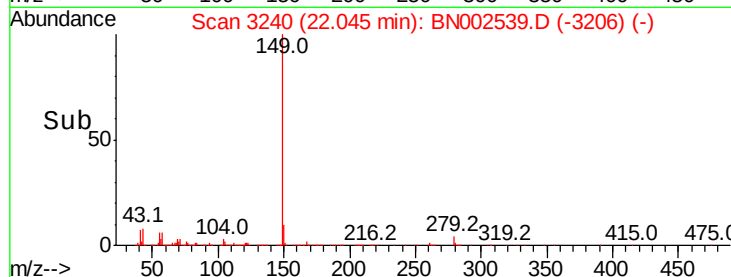
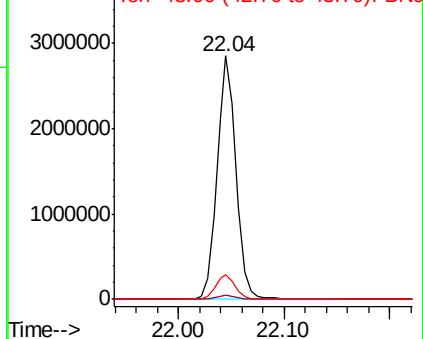
43 10.3 5.6 8.4#



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



#87

Benzo(b)fluoranthene

Concen: 9.615 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BN002539.D

Acq: 29 Aug 2018 11:29

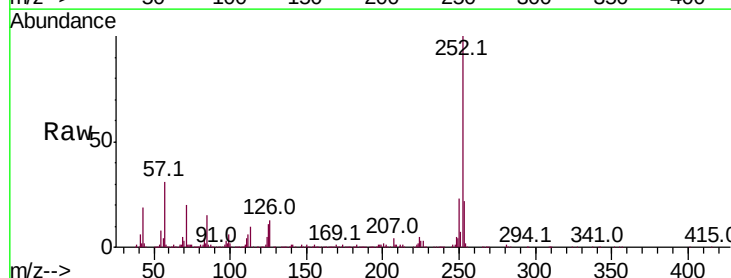
Tgt Ion:252 Resp: 1147401

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

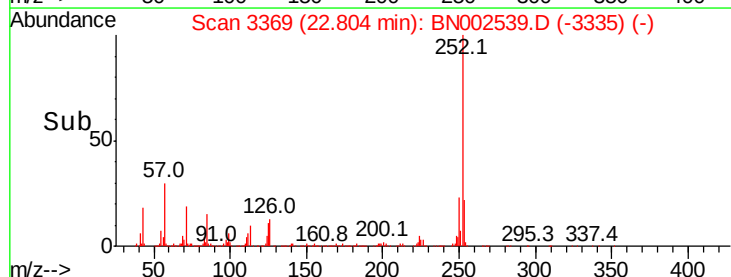
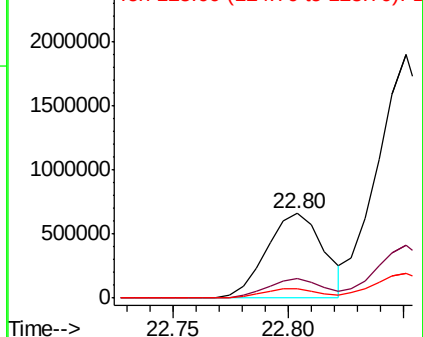
125 10.9 8.5 12.7

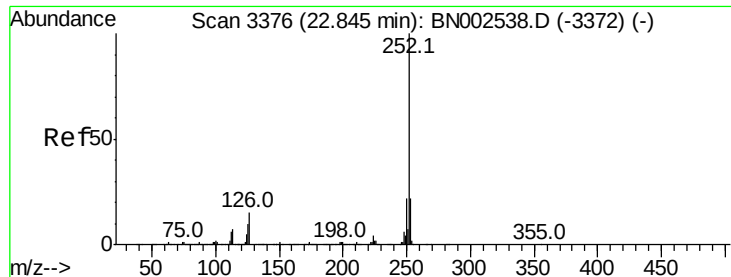


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

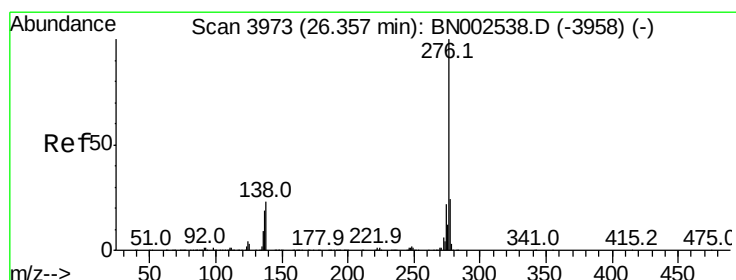
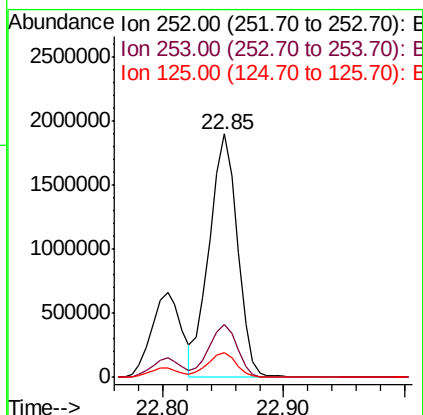
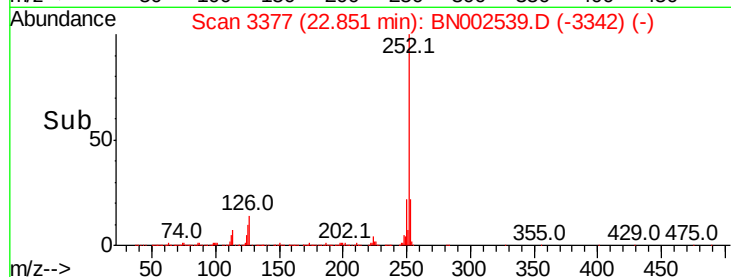
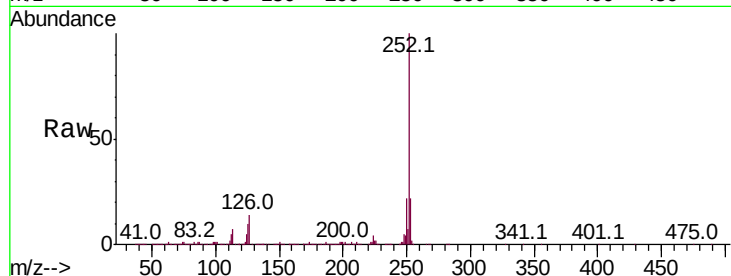




#88
Benzo(k)fluoranthene
Concen: 27.264 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

Instrument :
BNA_N
ClientSampleId :
A3YT4

Tot Ion:252 Resp: 3065067
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.0 8.2 12.2



#93
Benzo(g,h,i)perylene
Concen: 13.945 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BN002539.D
Acq: 29 Aug 2018 11:29

Tgt Ion:276 Resp: 1573538
Ion Ratio Lower Upper
276 100
138 22.9 18.9 28.3
277 23.6 19.2 28.8

