

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002585.D
 Acq On : 05 Sep 2018 18:15
 Operator : JU/SJ
 Sample : J4688-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YW0

Quant Time: Sep 06 11:12:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 05:13:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	136323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	622956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	391762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	936341	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	987488	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	888865	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12147	4.21	ng/uL	0.00
5) Phenol-d5	6.85	99	352253	28.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	218412	27.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	283528	29.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	287256	28.75	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	140094	28.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	157439	30.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	310041	32.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	337359	32.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1087881	33.50	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1262545	31.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	171572	27.95	ng/ul	0.00
57) Fluorene-d10	15.29	176	931232	33.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	154212	25.87	ng/ul	0.00
70) Anthracene-d10	17.15	188	1537836	34.38	ng/ul	0.00
78) Pyrene-d10	19.45	212	1719305	36.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1631138	35.09	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	54889	17.764	ng/uL	94
8) Bis(2-Chloroethyl)ether	7.10	93	384736	39.757	ng/ul#	86
10) 2-Chlorophenol	7.23	128	348875	36.396	ng/ul#	90
12) 2,2'-oxybis(1-Chloropropan	8.19	45	479556	29.922	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.46	70	166019	19.694	ng/ul#	83
17) Hexachloroethane	8.72	117	119974	29.880	ng/ul	95
20) Nitrobenzene	8.86	77	381971	32.188	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	381812	28.329	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	327010	35.245	ng/ul	99
28) Naphthalene	10.48	128	809911	25.269	ng/ul	100
31) Hexachlorobutadiene	10.77	225	131815	22.568	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	162670	13.708	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	149614	20.755	ng/ul	100
38) 2,4,6-Trichlorophenol	12.72	196	374772	49.047	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	247288	30.245	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	676640	27.677	ng/ul	98
44) Dimethylphthalate	13.76	163	1305124	40.976	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	129012	20.048	ng/ul	92
47) Acenaphthylene	14.02	152	900155	23.731	ng/ul	100
49) Acenaphthene	14.36	153	558844	20.886	ng/ul	98
53) Dibenzofuran	14.70	168	890608	23.593	ng/ul	96
54) 2,4-Dinitrotoluene	14.67	165	158437	16.330	ng/ul#	82
56) Diethylphthalate	15.13	149	898567	27.651	ng/ul	100

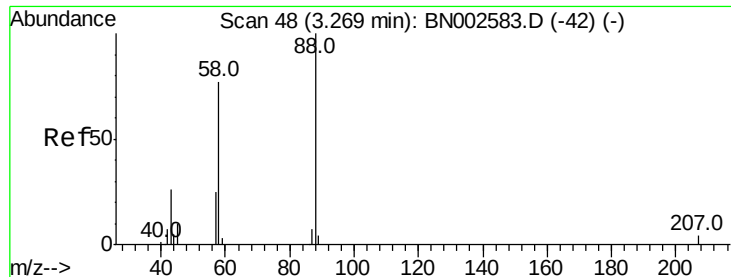
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
 Data File : BN002585.D
 Acq On : 05 Sep 2018 18:15
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.35	166	775529	25.111	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	223192	14.642	ng/ul	95
65) 4-Bromophenyl-phenylether	16.24	248	214339	22.438	ng/ul	92
66) Hexachlorobenzene	16.36	284	171849	16.120	ng/ul	94
68) Pentachlorophenol	16.70	266	206435	34.594	ng/ul	98
71) Anthracene	17.18	178	1984912	37.915	ng/ul	99
74) Carbazole	17.46	167	1671426	36.001	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1867865	33.095	ng/ul	100
80) Butylbenzylphthalate	20.39	149	967159	38.336	ng/ul	97
82) Benzo(a)anthracene	21.23	228	1716628	28.375	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	877722	23.195	ng/ul	98
86) Di-n-octyl phthalate	22.04	149	2953370	52.284	ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	860380	16.148	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	2173955	43.310	ng/ul	99
93) Benzo(a,h,i)perylene	26.36	276	1029856	20.441	ng/ul	96

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



#2

1,4-Dioxane

Concen: 17.764 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

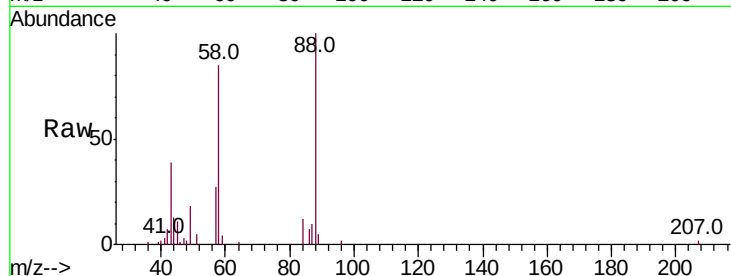
Tot Ion: 88 Resp: 54889

Ion Ratio Lower Upper

88 100

43 34.2 32.0 48.0

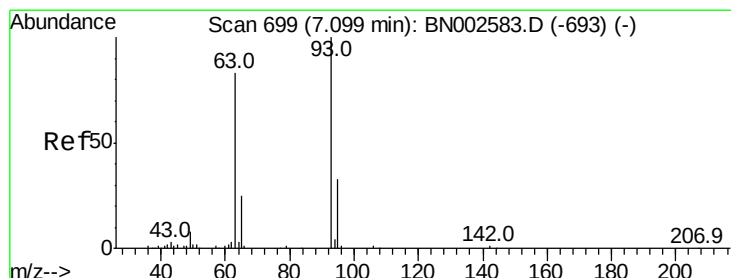
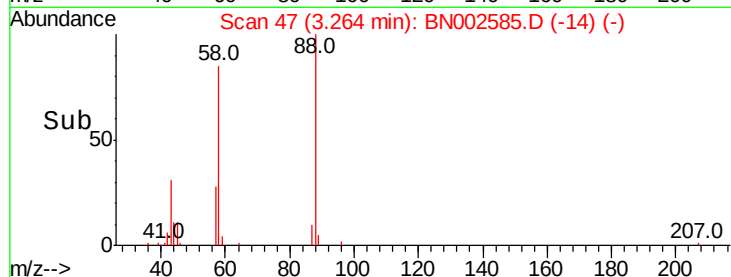
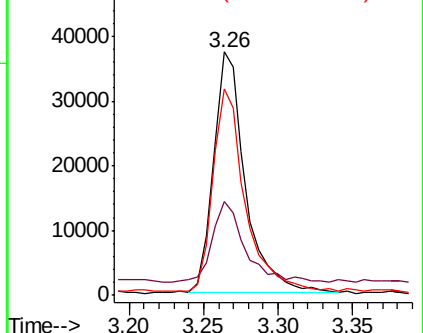
58 85.6 72.0 108.0



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: 39.757 ng/uL

RT: 7.10 min Scan# 699

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

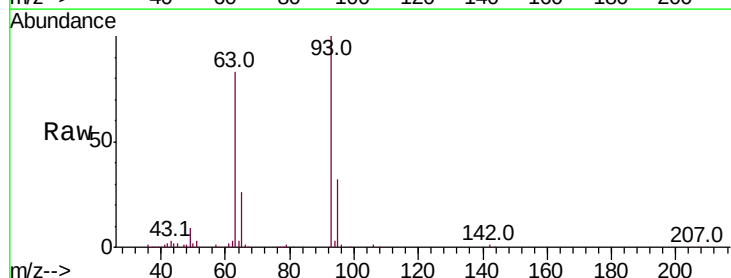
Tgt Ion: 93 Resp: 384736

Ion Ratio Lower Upper

93 100

63 83.3 53.5 80.3#

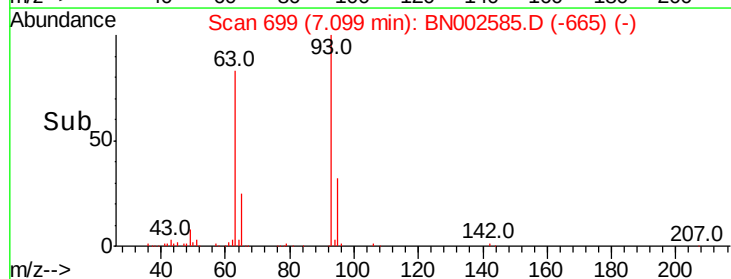
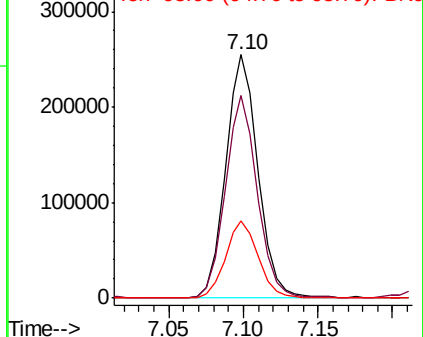
95 31.6 26.2 39.2

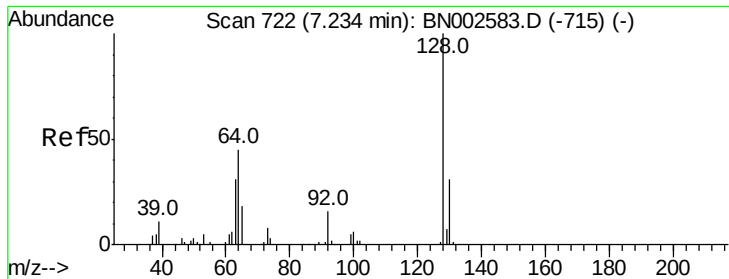


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

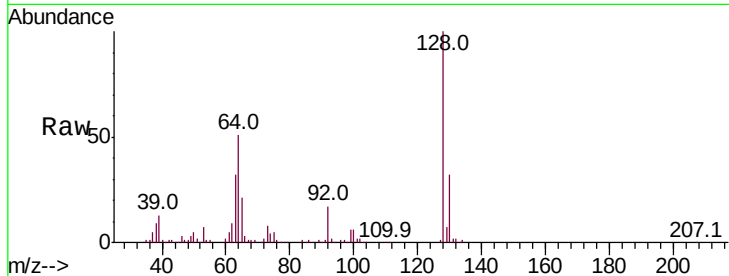




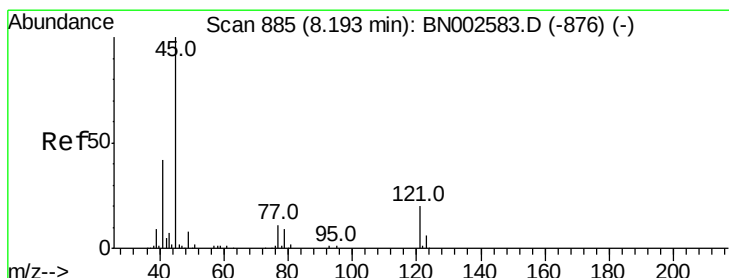
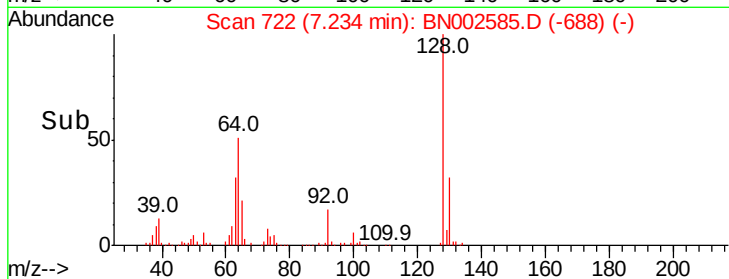
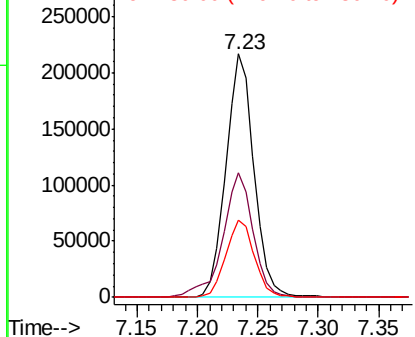
#10
2-Chlorophenol
Concen: 36.396 ng/ul
RT: 7.23 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Instrument :
BNA_N
ClientSampled :
A3YW0

Tot Ion	Ratio	Lower	Upper
128	100		
64	51.2	31.9	47.9#
130	31.6	25.6	38.4

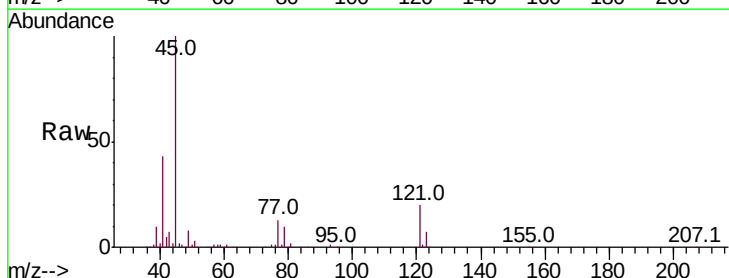


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 130.00 (129.70 to 130.70): E

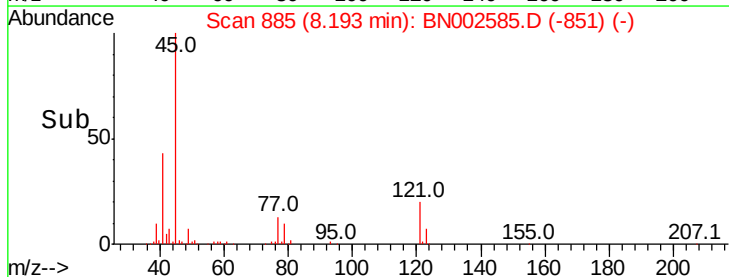
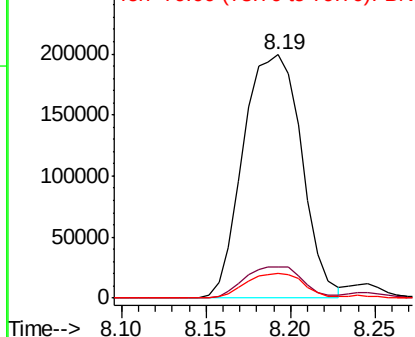


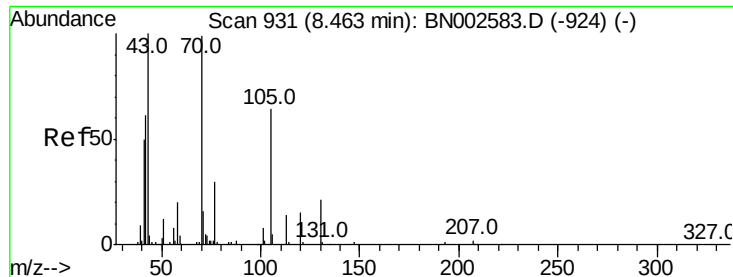
#12
2,2'-oxybis(1-Chloropropane)
Concen: 29.922 ng/ul
RT: 8.19 min Scan# 885
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	15.9	23.9#
79	10.0	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: 19.694 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

Tot Ion: 70 Resp: 166019

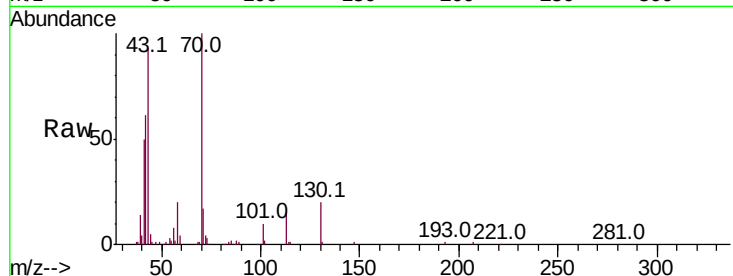
Ion Ratio Lower Upper

70 100

42 61.3 35.4 53.0#

101 10.1 8.4 12.6

130 20.4 18.2 27.4

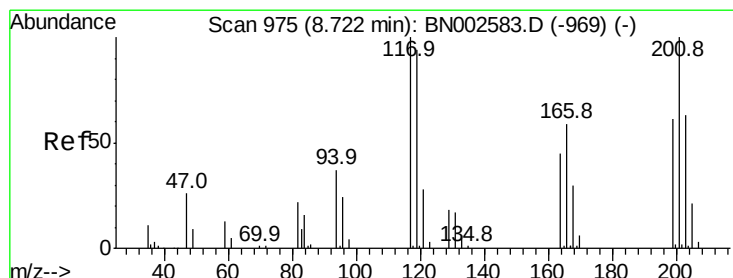
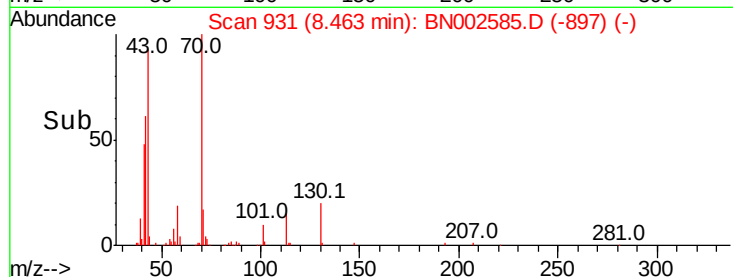
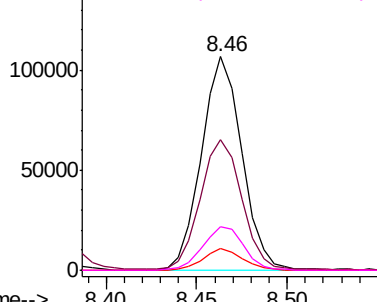


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 29.880 ng/ul

RT: 8.72 min Scan# 975

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

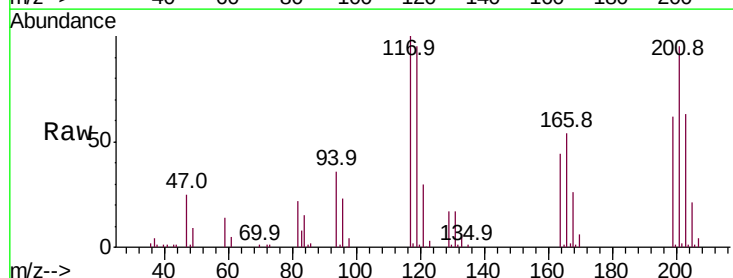
Tgt Ion: 117 Resp: 119974

Ion Ratio Lower Upper

117 100

201 94.8 81.5 122.3

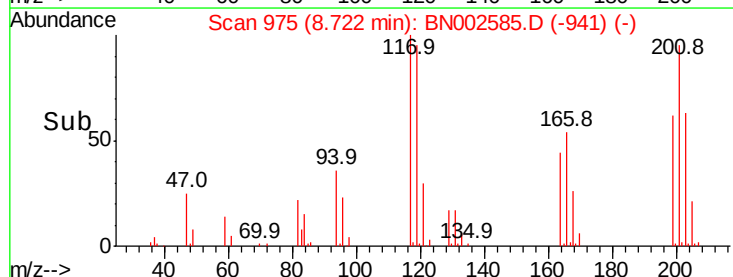
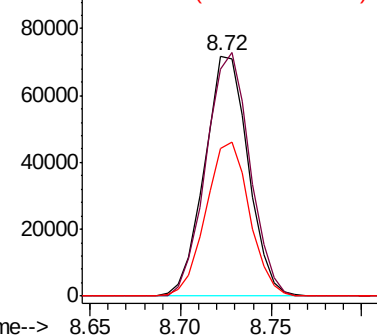
199 61.6 50.6 76.0

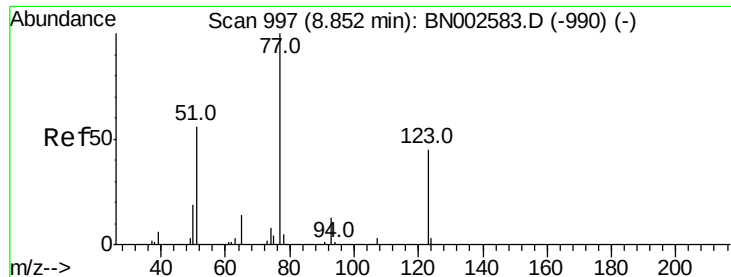


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

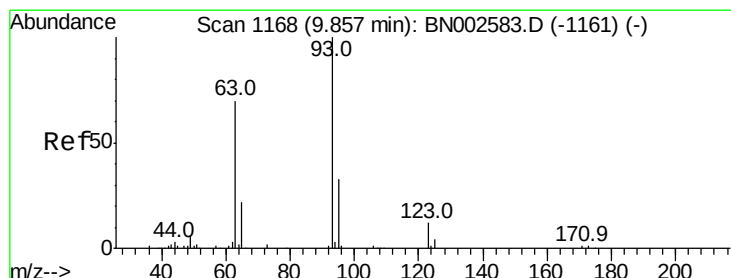
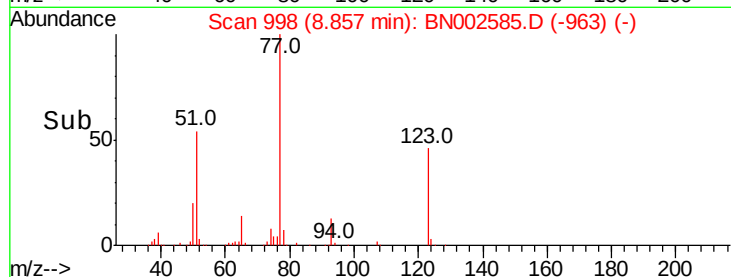
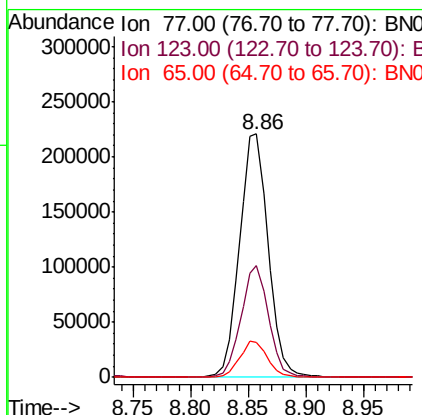
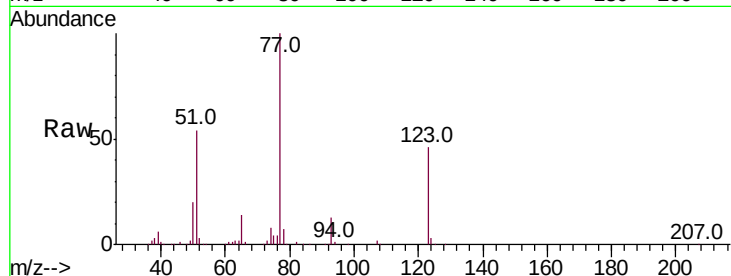




#20
 Nitrobenzene
 Concen: 32.188 ng/ul
 RT: 8.86 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BN002585.D
 Acq: 05 Sep 2018 18:15

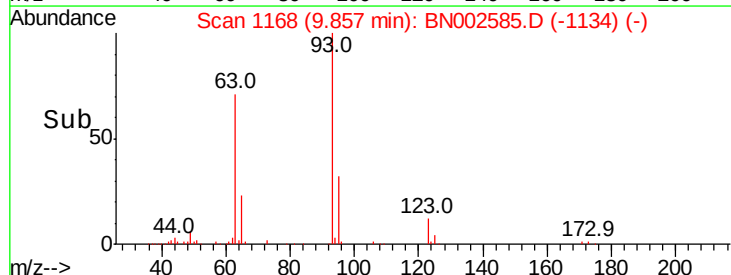
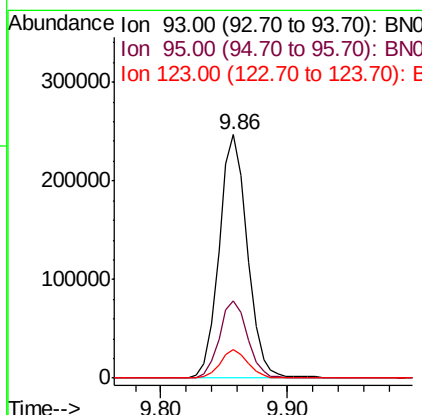
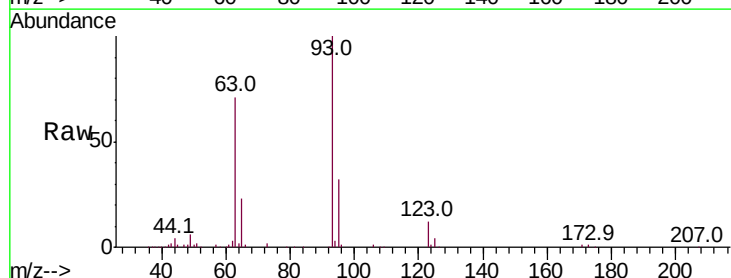
Instrument :
 BNA_N
 ClientSampleId :
 A3YW0

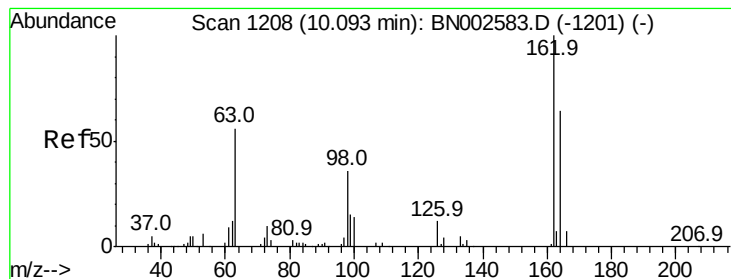
Tot Ion: 77 Resp: 381971
 Ion Ratio Lower Upper
 77 100
 123 46.2 39.0 58.4
 65 14.2 10.4 15.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 28.329 ng/ul
 RT: 9.86 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BN002585.D
 Acq: 05 Sep 2018 18:15

Tgt Ion: 93 Resp: 381812
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.8
 123 11.8 9.8 14.8





#27

2,4-Dichlorophenol

Concen: 35.245 ng/ul

RT: 10.09 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

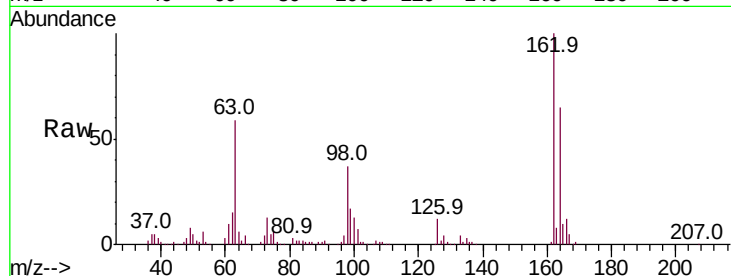
Tot Ion:162 Resp: 327010

Ion Ratio Lower Upper

162 100

164 64.9 52.1 78.1

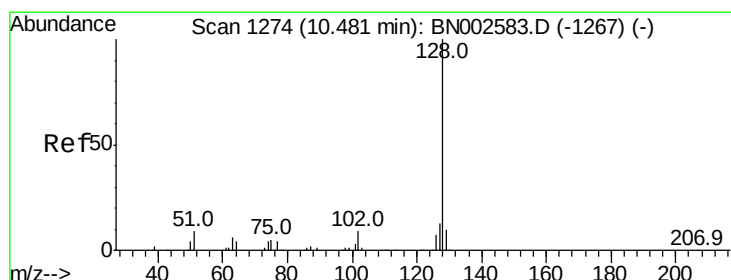
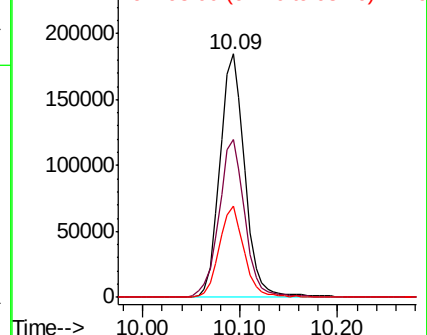
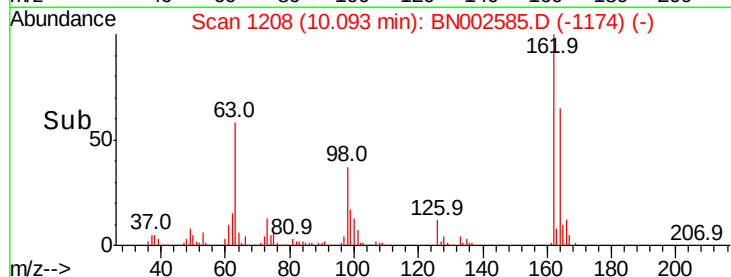
98 37.2 28.4 42.6



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): BNC



#28

Naphthalene

Concen: 25.269 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

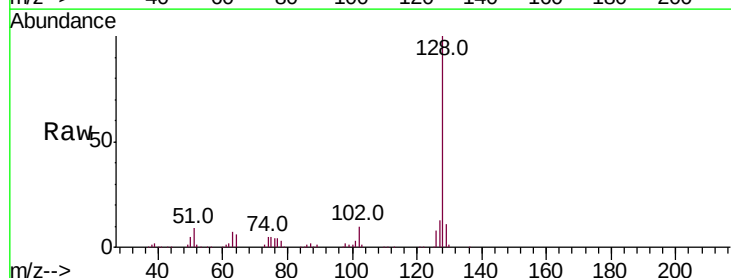
Tgt Ion:128 Resp: 809911

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

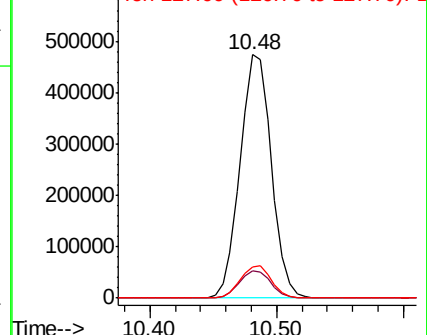
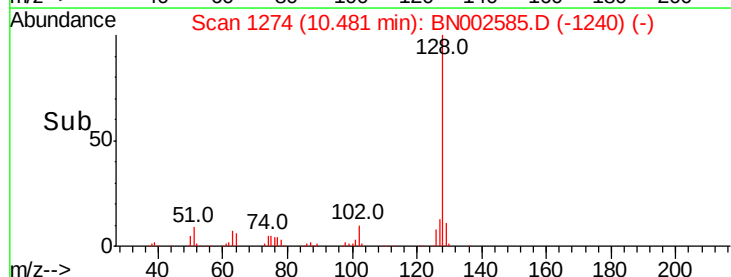
127 12.9 10.5 15.7

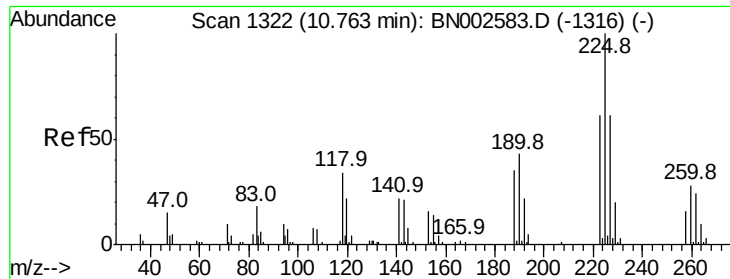


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#31

Hexachlorobutadiene

Concen: 22.568 ng/ul

RT: 10.77 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

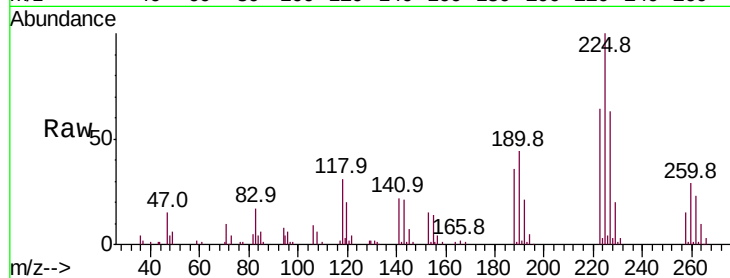
Tot Ion:225 Resp: 131815

Ion Ratio Lower Upper

225 100

223 64.3 51.4 77.2

227 63.4 50.7 76.1

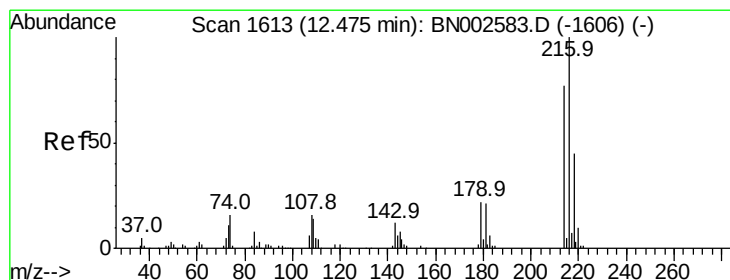
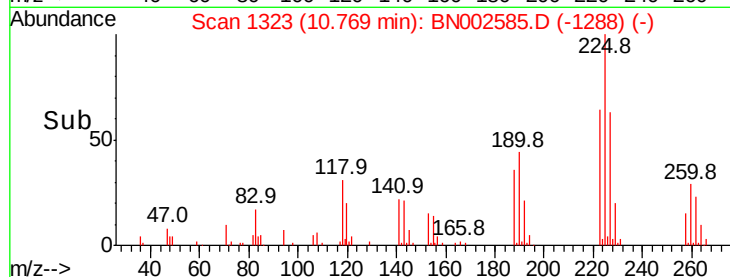
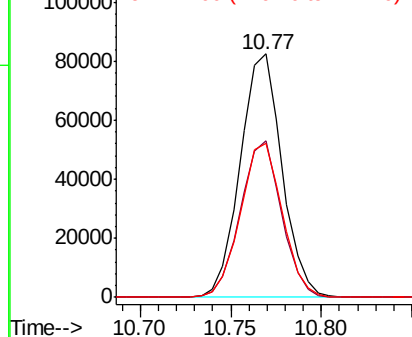


Abundance

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: 13.708 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Tgt Ion:216 Resp: 162670

Ion Ratio Lower Upper

216 100

214 78.7 62.5 93.7

179 22.7 18.2 27.2

108 17.4 14.2 21.2

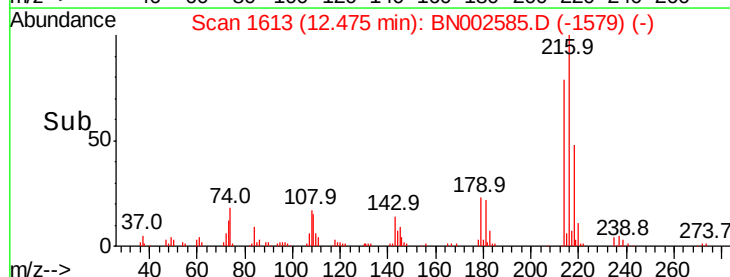
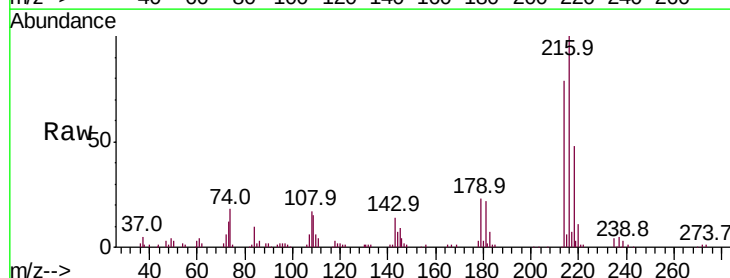
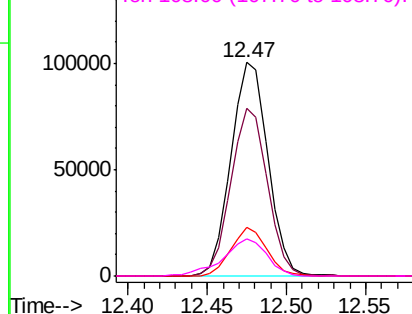
Abundance

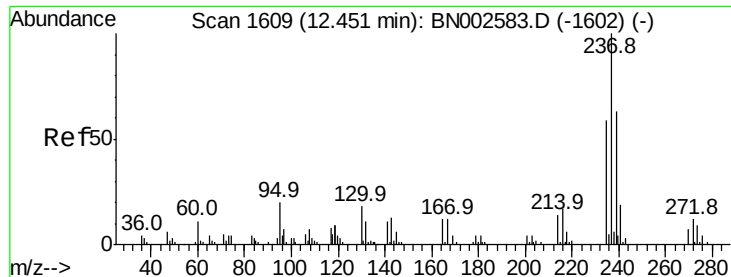
Ion 216.00 (215.70 to 216.70): E

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: 20.755 ng/ul

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

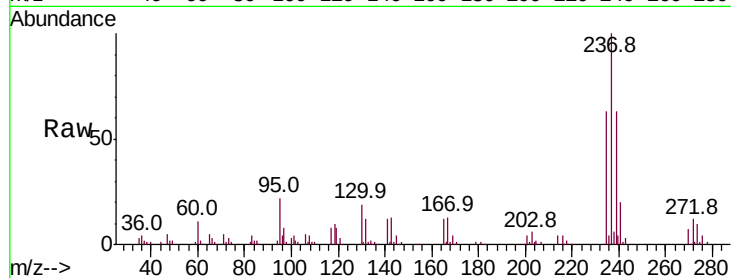
Tot Ion:237 Resp: 149614

Ion Ratio Lower Upper

237 100

235 63.2 50.4 75.6

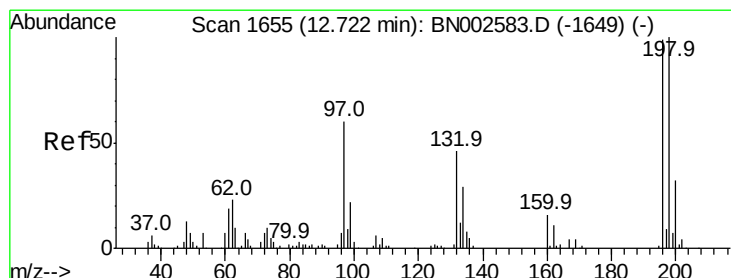
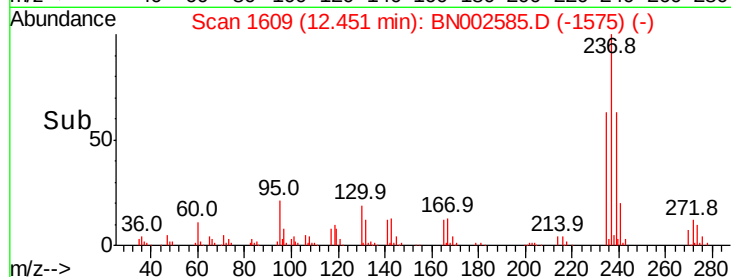
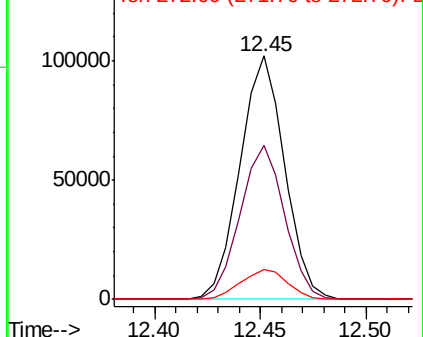
272 12.6 9.6 14.4



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: 49.047 ng/ul

RT: 12.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

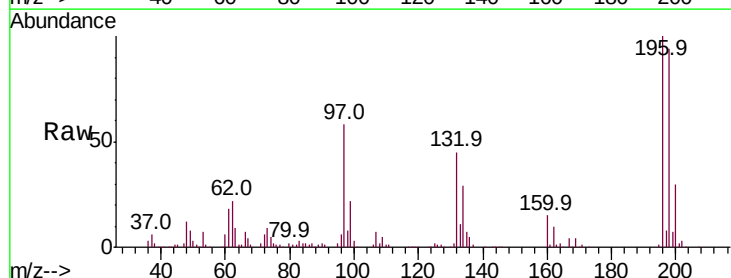
Tgt Ion:196 Resp: 374772

Ion Ratio Lower Upper

196 100

198 94.3 76.6 114.8

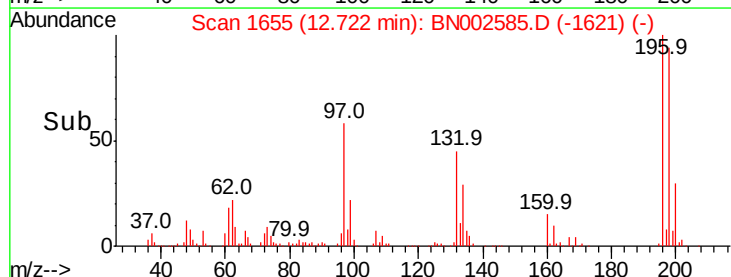
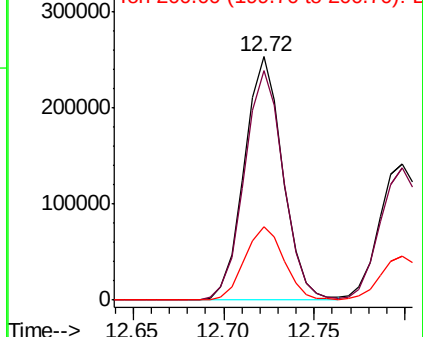
200 30.3 24.7 37.1

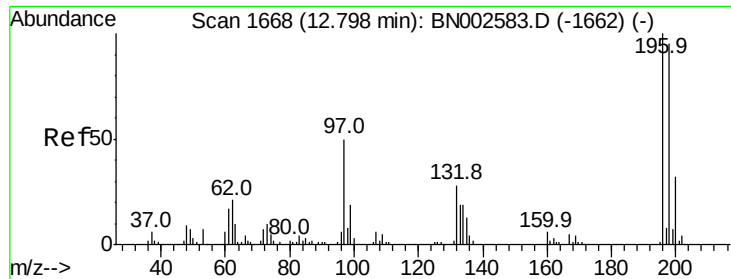


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

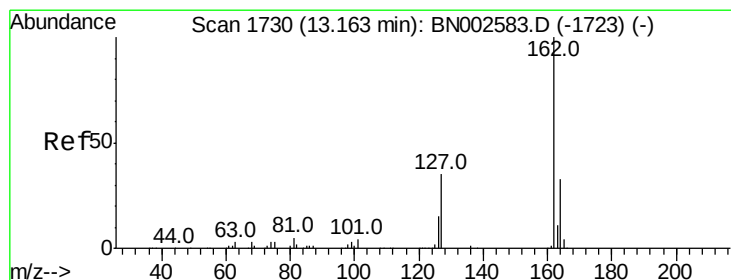
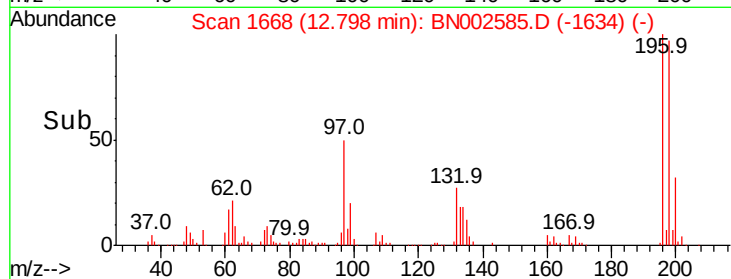
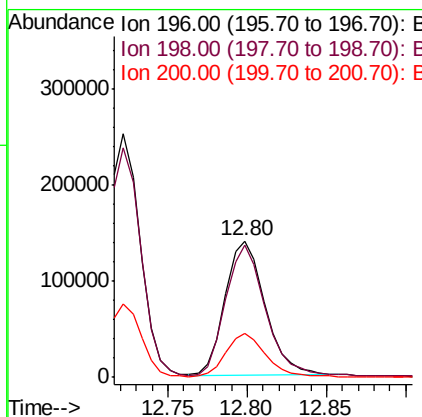
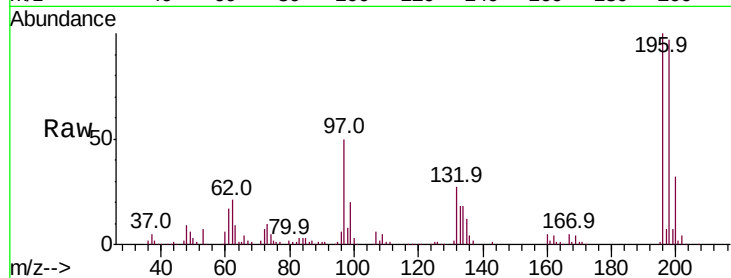




#39
 2,4,5-Trichlorophenol
 Concen: 30.245 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BN002585.D
 Acq: 05 Sep 2018 18:15

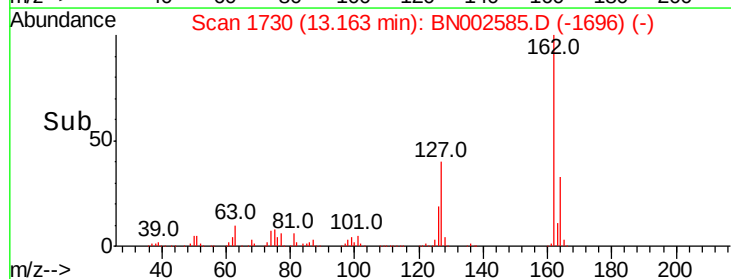
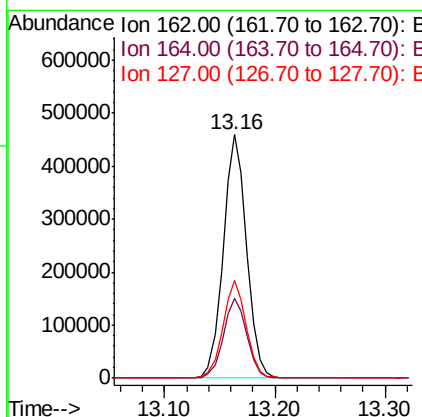
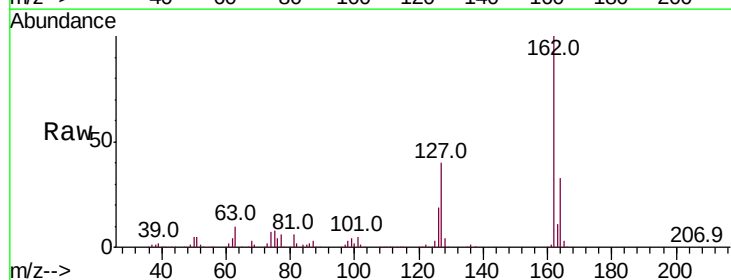
Instrument :
 BNA_N
 ClientSampleId :
 A3YW0

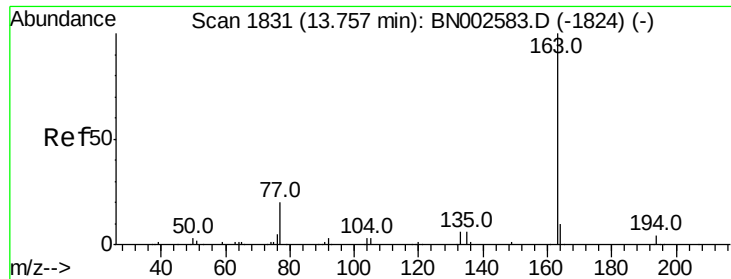
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.9	115.3
200	32.3	25.0	37.4



#41
 2-Chloronaphthalene
 Concen: 27.677 ng/ul
 RT: 13.16 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BN002585.D
 Acq: 05 Sep 2018 18:15

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.9	25.9	38.9
127	40.3	34.1	51.1





#44

Dimethylphthalate

Concen: 40.976 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

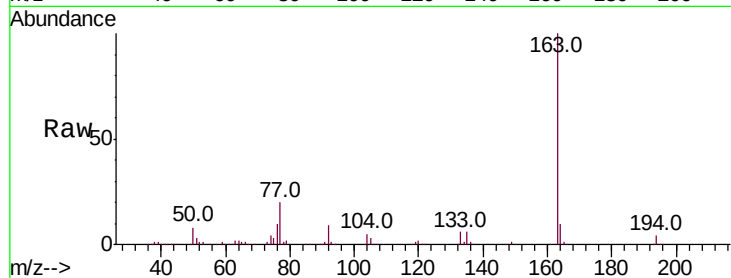
Tot Ion:163 Resp: 1305124

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

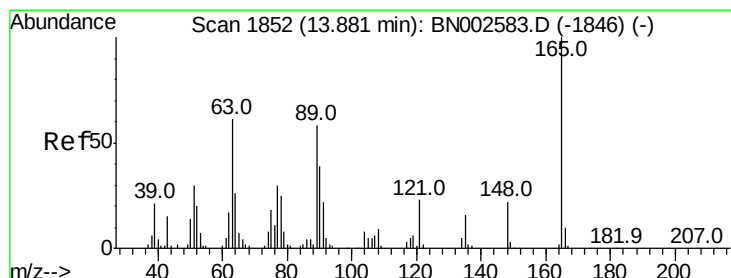
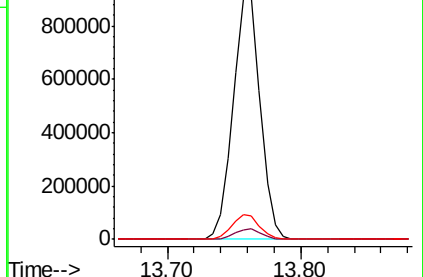
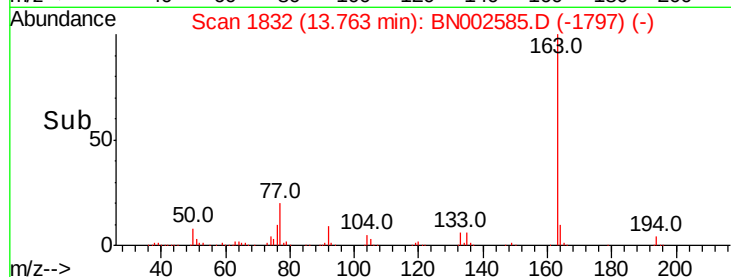
164 9.9 7.8 11.8



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: 20.048 ng/ul

RT: 13.88 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

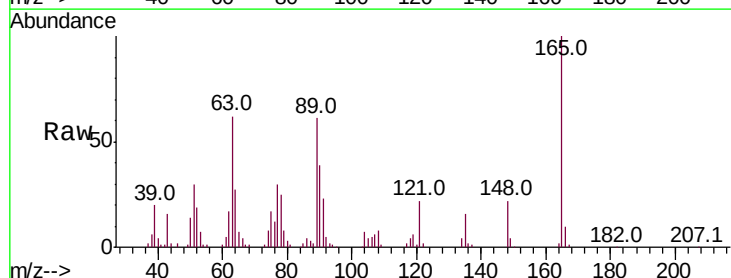
Tgt Ion:165 Resp: 129012

Ion Ratio Lower Upper

165 100

89 60.6 42.4 63.6

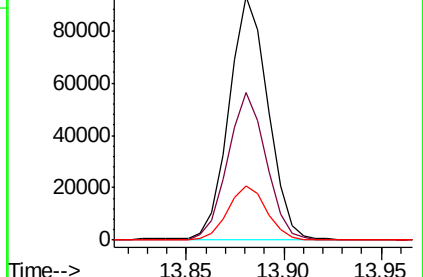
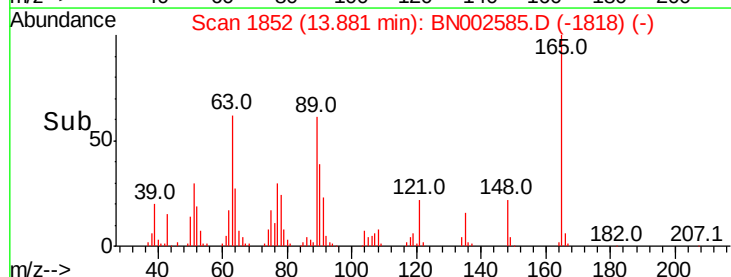
121 22.0 16.6 24.8

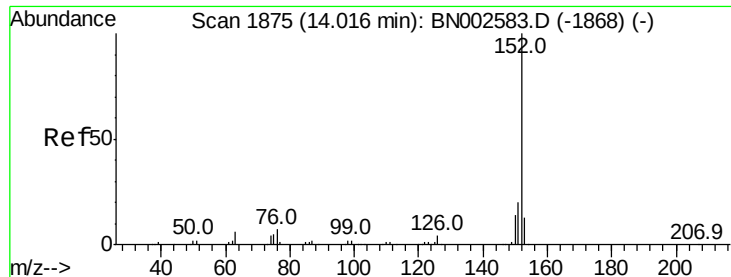


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 23.731 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

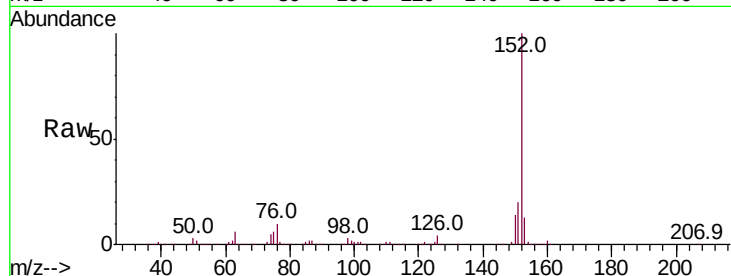
Tot Ion:152 Resp: 900155

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

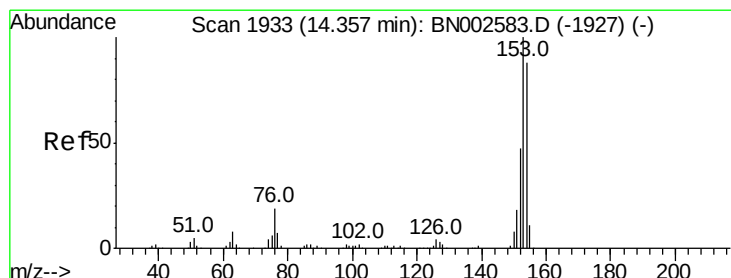
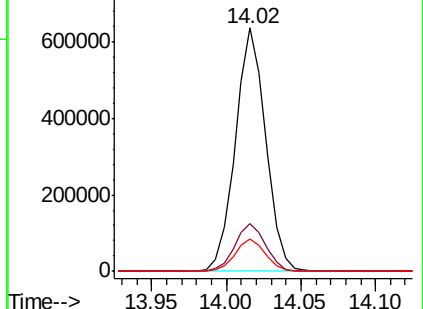
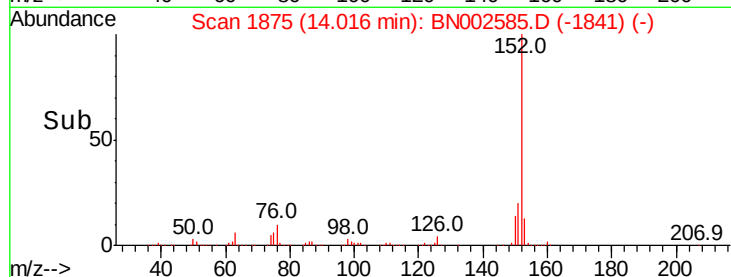
153 13.3 10.5 15.7



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



#49

Acenaphthene

Concen: 20.886 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

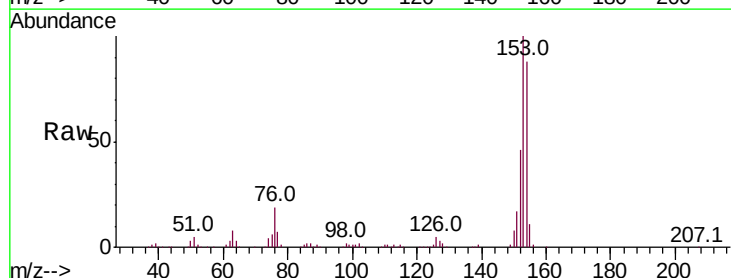
Tgt Ion:153 Resp: 558844

Ion Ratio Lower Upper

153 100

152 46.1 38.3 57.5

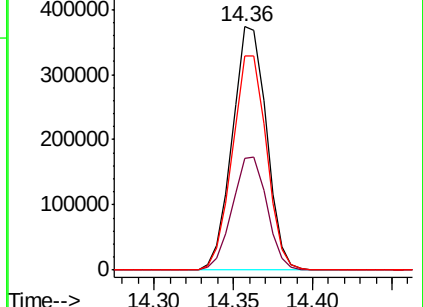
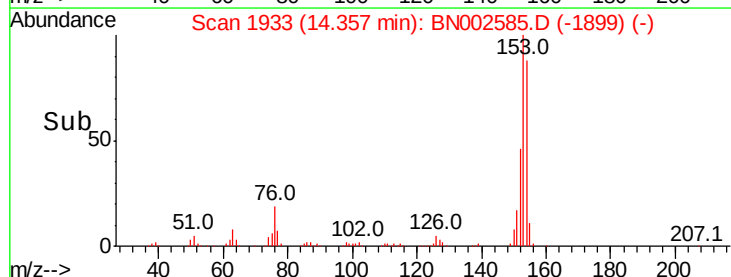
154 87.9 71.8 107.8

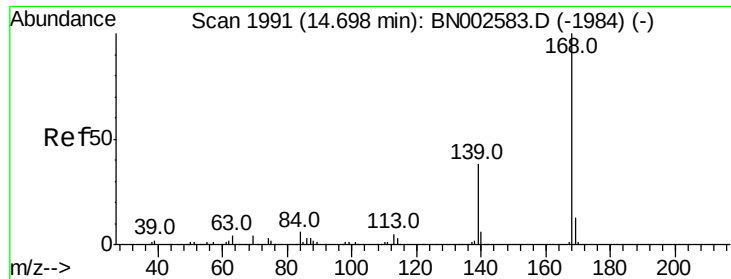


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 23.593 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

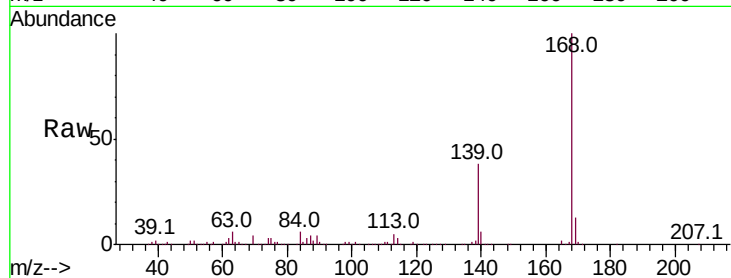
A3YW0

Tot Ion:168 Resp: 890608

Ion Ratio Lower Upper

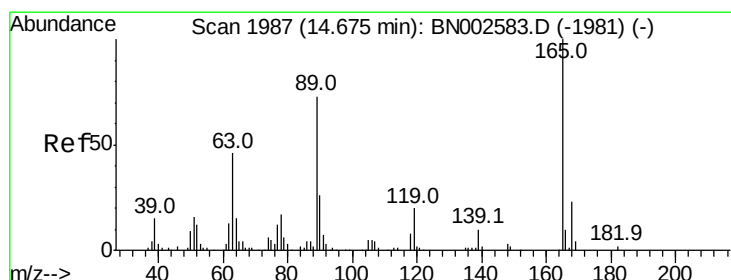
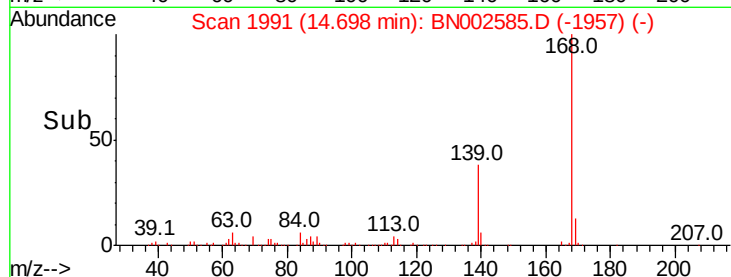
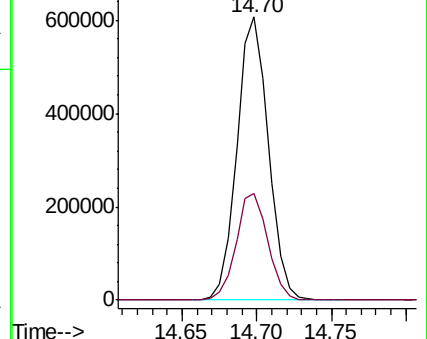
168 100

139 37.9 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: 16.330 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

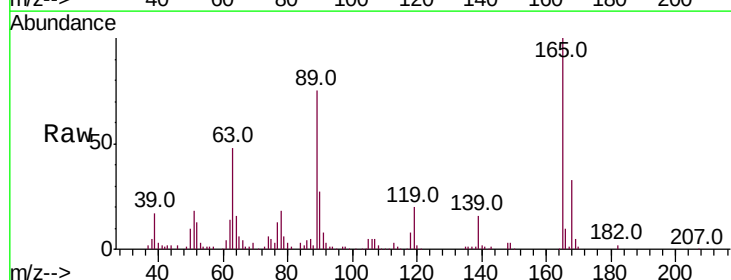
Tgt Ion:165 Resp: 158437

Ion Ratio Lower Upper

165 100

63 48.4 29.8 44.6#

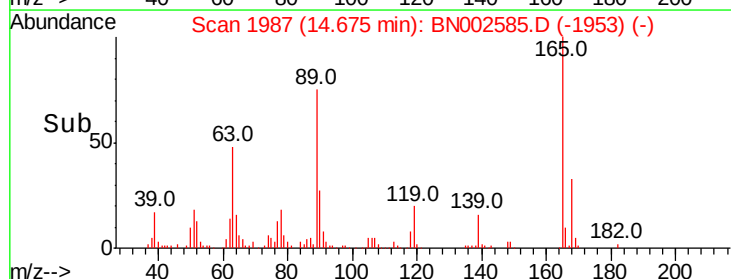
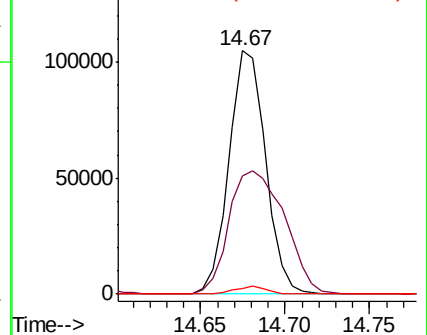
182 2.4 2.2 3.4

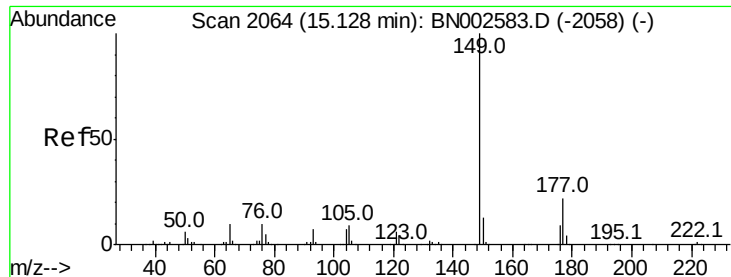


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

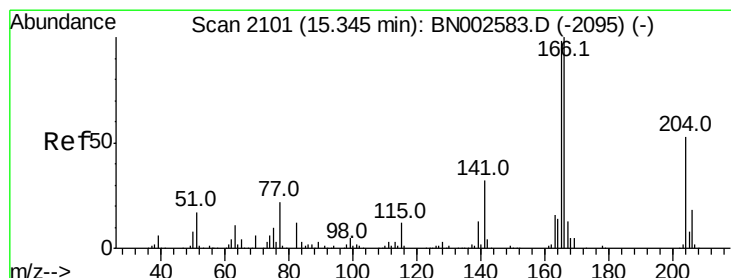
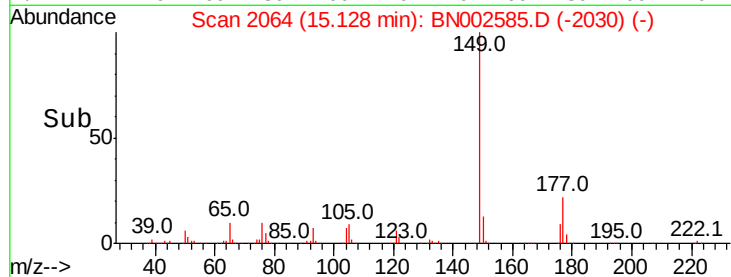
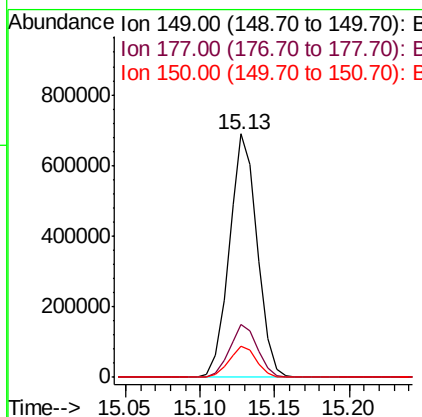
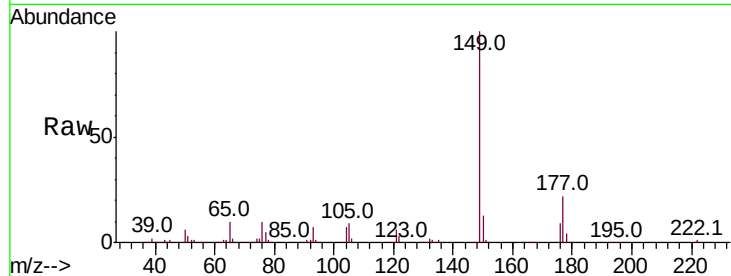




#56
Diethylphthalate
Concen: 27.651 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

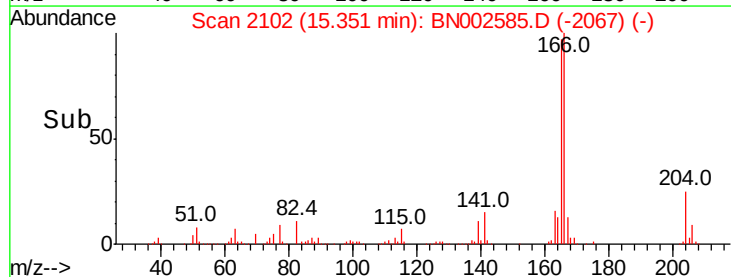
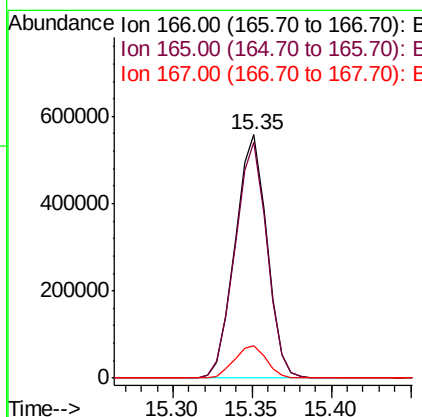
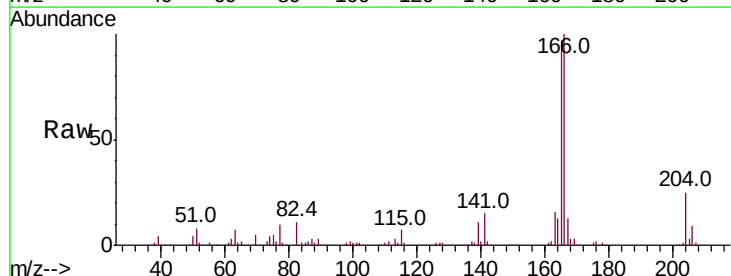
Instrument :
BNA_N
ClientSampleId :
A3YW0

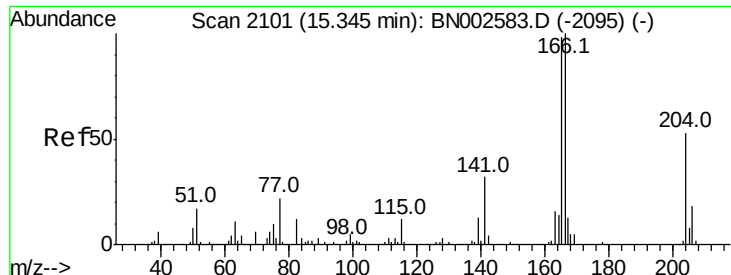
Tot Ion:149 Resp: 898567
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.7 10.0 15.0



#58
Fluorene
Concen: 25.111 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Tgt Ion:166 Resp: 775529
Ion Ratio Lower Upper
166 100
165 96.8 78.5 117.7
167 13.1 10.7 16.1

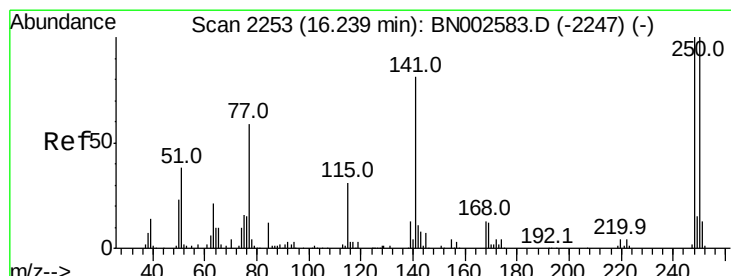
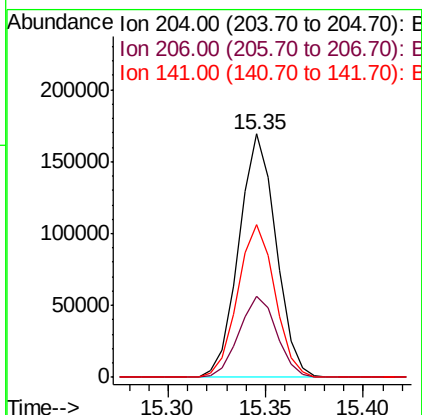
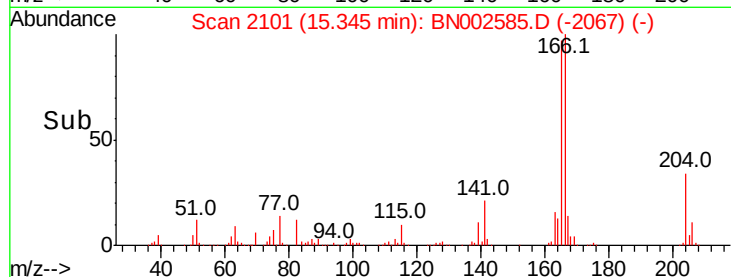
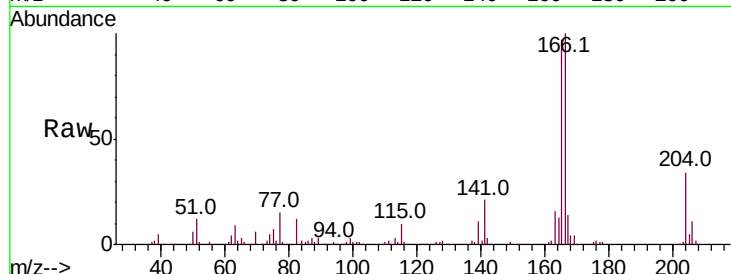




#59
4-Chlorophenyl-phenylether
Concen: 14.642 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

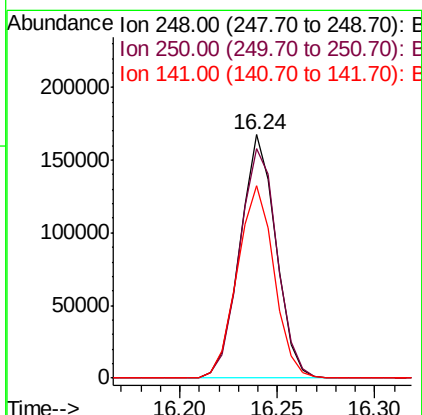
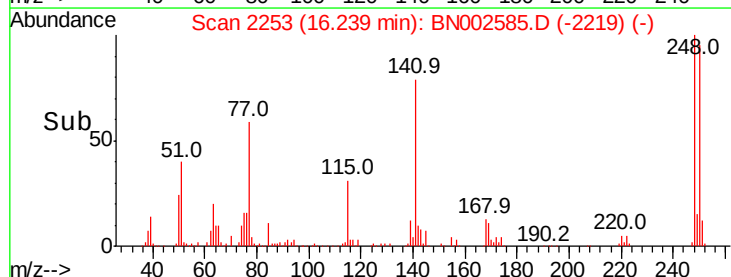
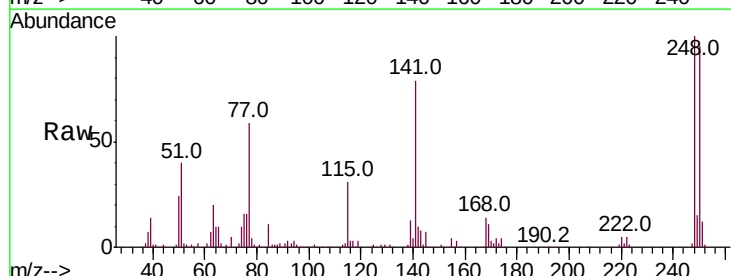
Instrument :
BNA_N
ClientSampleId :
A3YW0

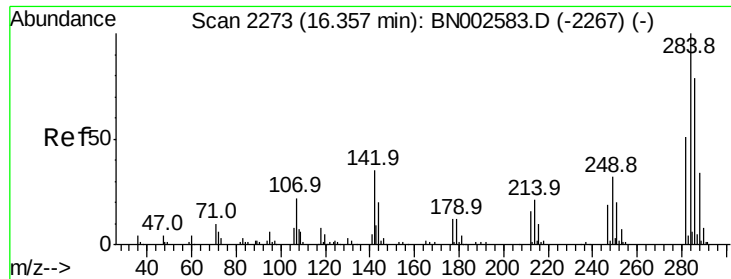
Tot Ion:204 Resp: 223192
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 62.7 54.6 81.8



#65
4-Bromophenyl-phenylether
Concen: 22.438 ng/ul
RT: 16.24 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Tgt Ion:248 Resp: 214339
Ion Ratio Lower Upper
248 100
250 94.5 78.7 118.1
141 79.2 72.2 108.2

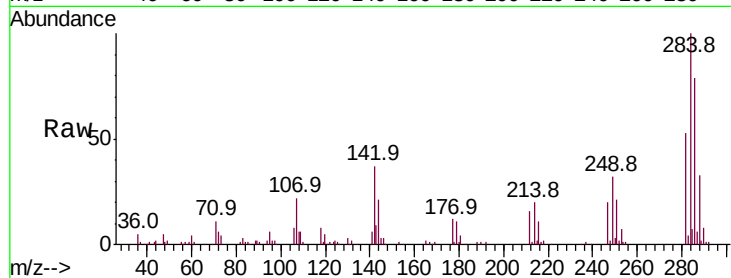




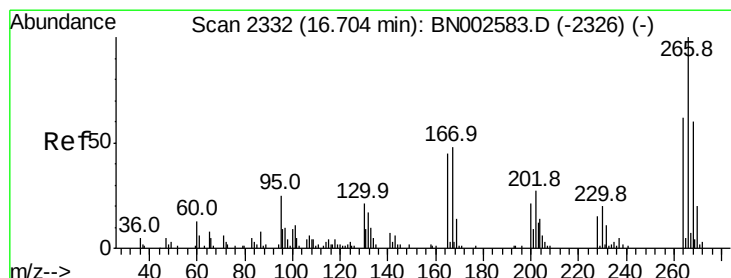
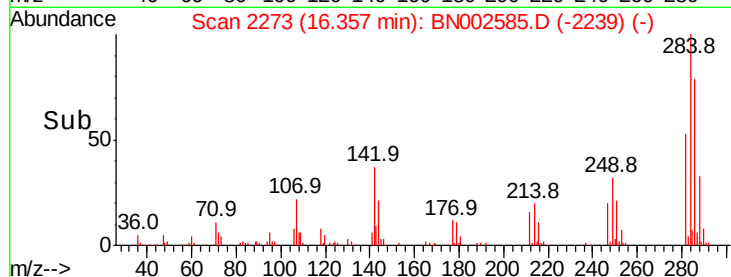
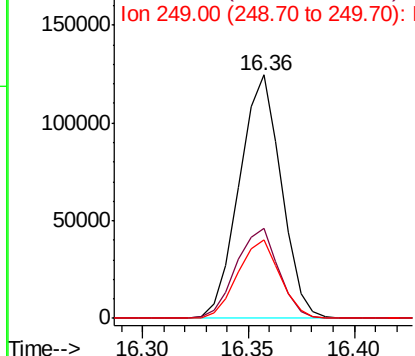
#66
Hexachlorobenzene
Concen: 16.120 ng/ul
RT: 16.36 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Instrument :
BNA_N
ClientSampleId :
A3YW0

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.7	33.1	49.7
249	32.0	27.1	40.7

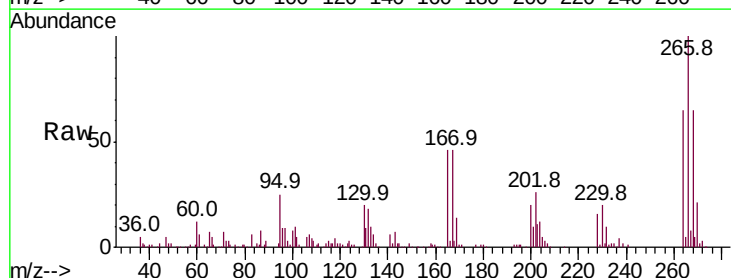


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

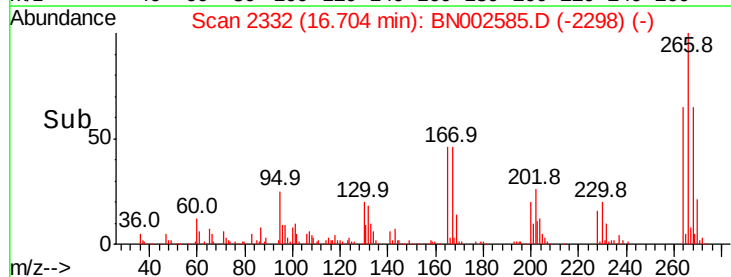
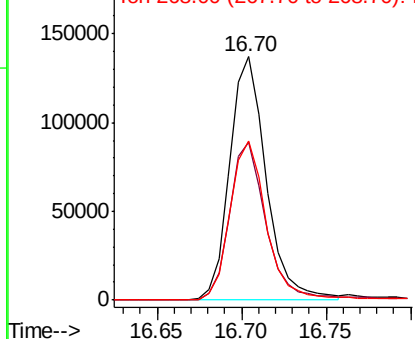


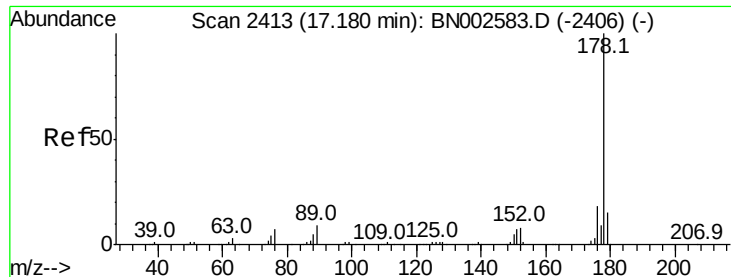
#68
Pentachlorophenol
Concen: 34.594 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.0	50.5	75.7
268	65.2	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



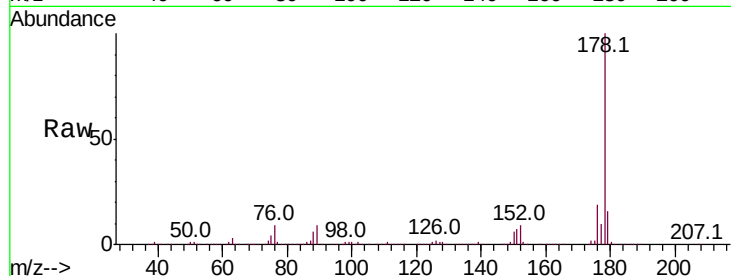


#71
 Anthracene
 Concen: 37.915 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BN002585.D
 Acq: 05 Sep 2018 18:15

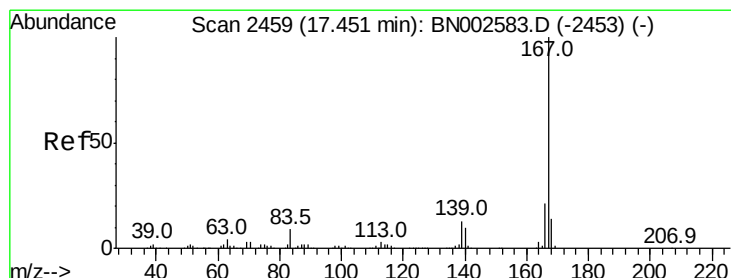
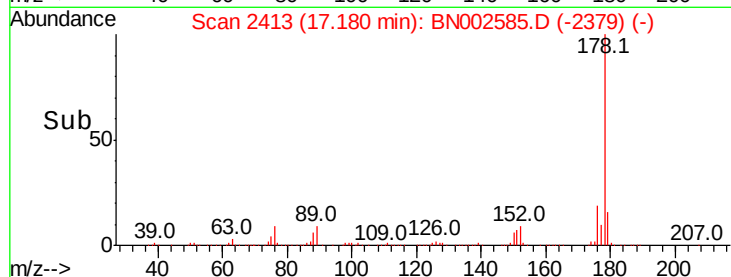
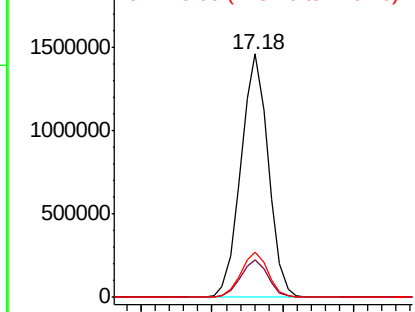
Instrument :
 BNA_N
 ClientSampleId :
 A3YW0

Tot Ion:178 Resp: 1984912

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.8	14.8	22.2



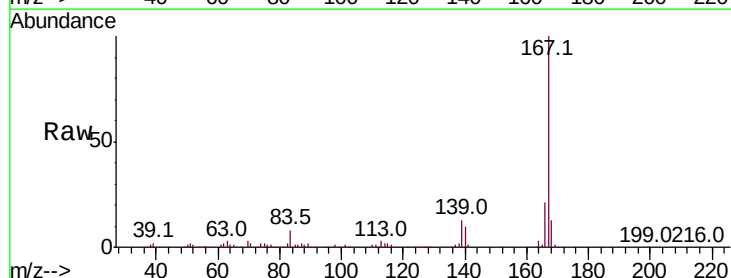
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



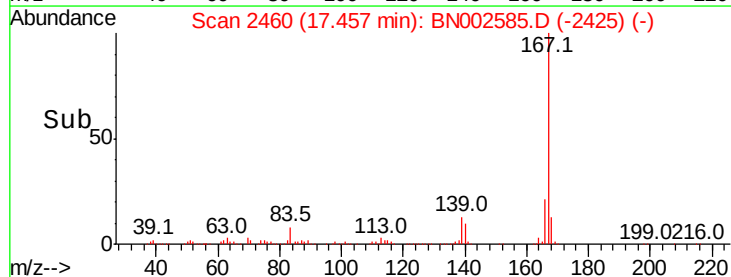
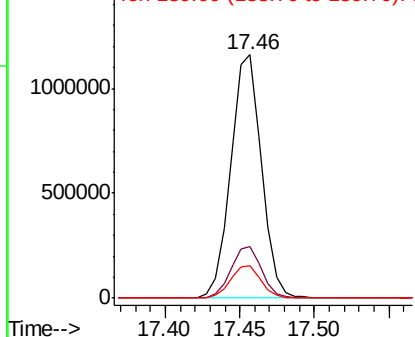
#74
 Carbazole
 Concen: 36.001 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. 0.01 min
 Lab File: BN002585.D
 Acq: 05 Sep 2018 18:15

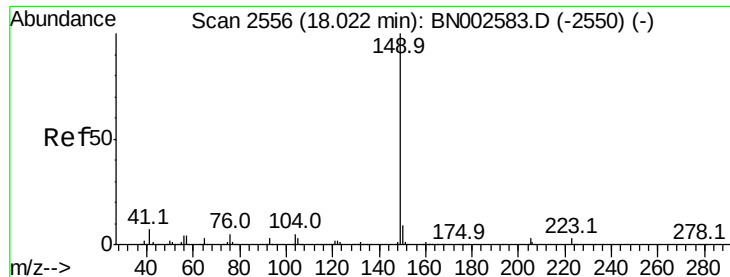
Tgt Ion:167 Resp: 1671426

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	13.2	11.0	16.4



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





#75

Di-n-butylphthalate

Concen: 33.095 ng/ul

RT: 18.02 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

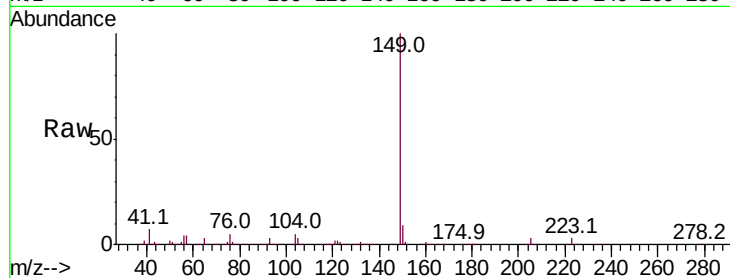
Tot Ion:149 Resp: 1867865

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

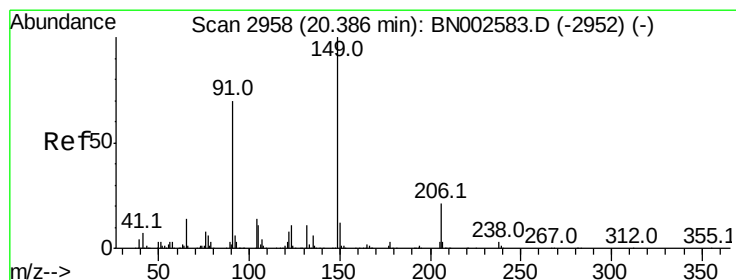
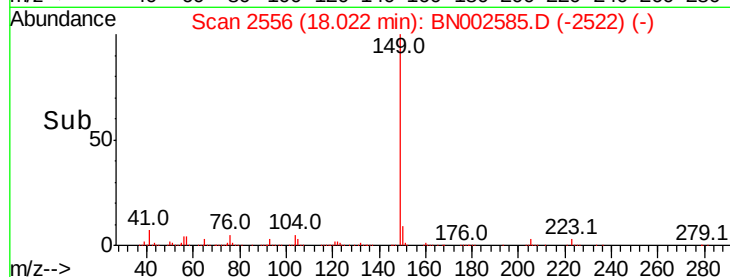
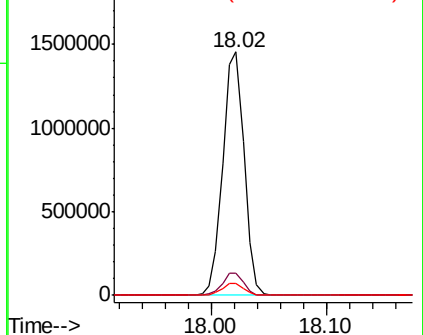
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#80

Butylbenzylphthalate

Concen: 38.336 ng/ul

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

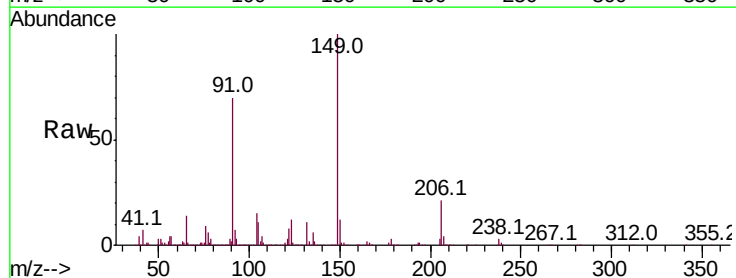
Tgt Ion:149 Resp: 967159

Ion Ratio Lower Upper

149 100

91 70.1 53.4 80.2

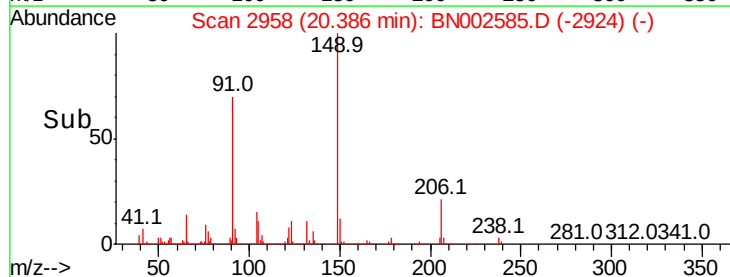
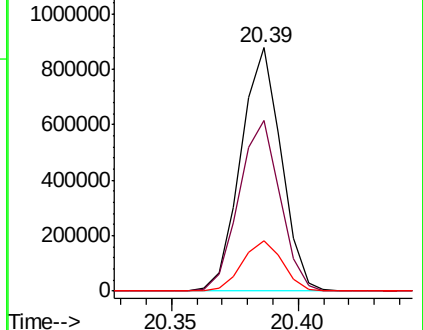
206 20.7 16.6 24.8

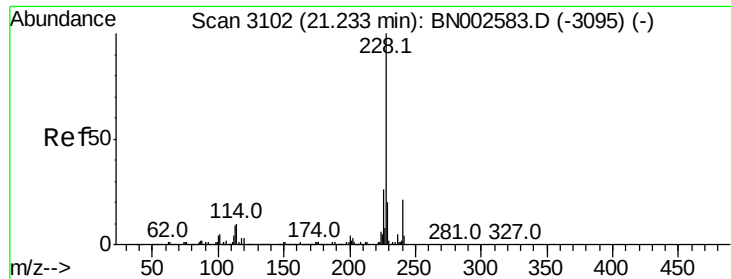


Abundance Ion 149.00 (148.70 to 149.70): E

1200000 Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

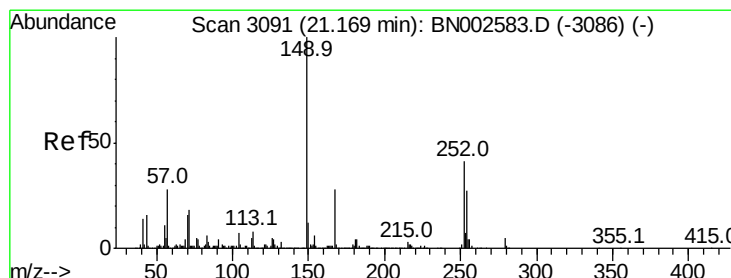
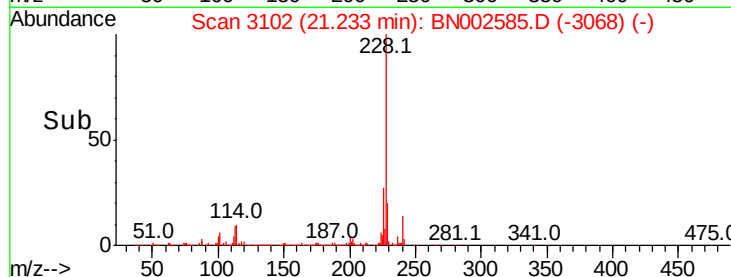
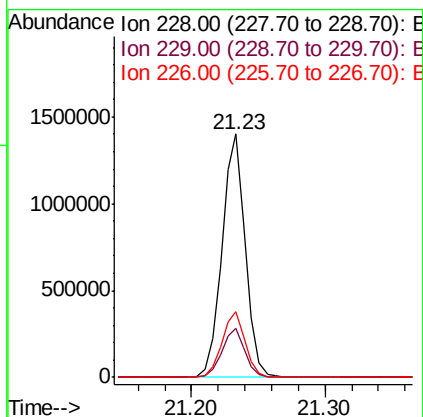
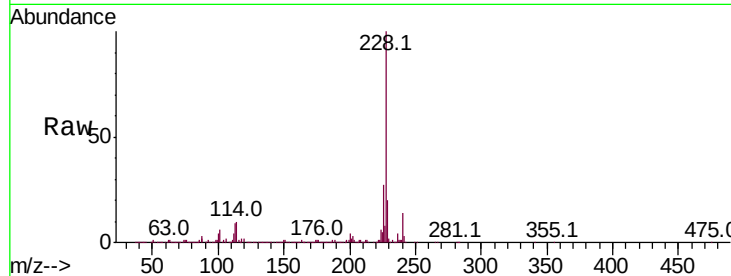




#82
Benzo(a)anthracene
Concen: 28.375 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

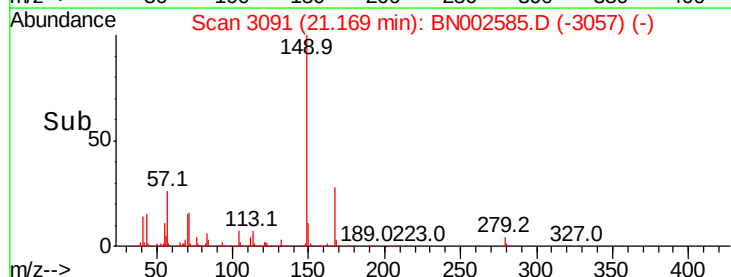
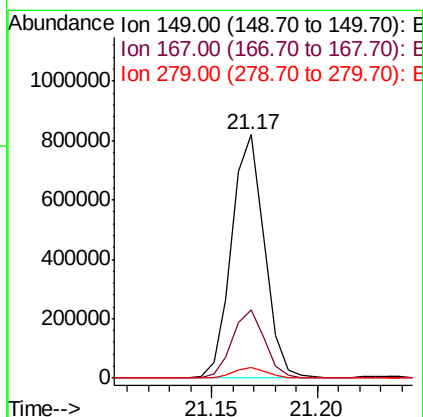
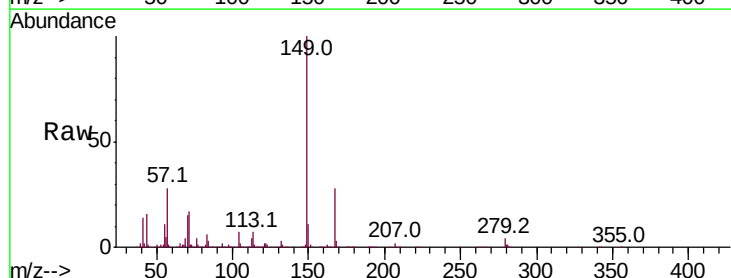
Instrument :
BNA_N
ClientSampleId :
A3YW0

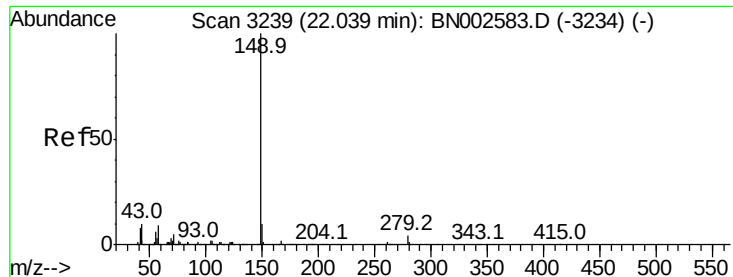
Tot Ion:228 Resp: 1716628
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 26.8 21.8 32.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 23.195 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BN002585.D
Acq: 05 Sep 2018 18:15

Tgt Ion:149 Resp: 877722
Ion Ratio Lower Upper
149 100
167 28.1 21.6 32.4
279 4.3 3.0 4.4





#86

Di-n-octyl phthalate

Concen: 52.284 ng/ul

RT: 22.04 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

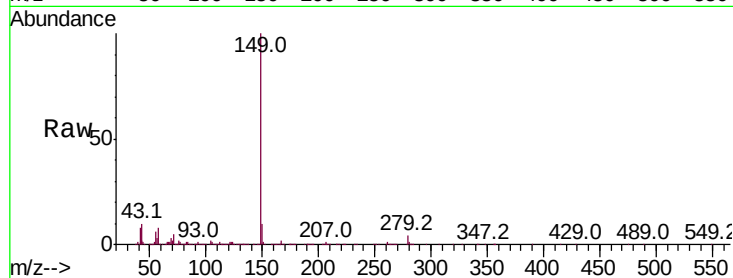
Tot Ion:149 Resp: 2953370

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

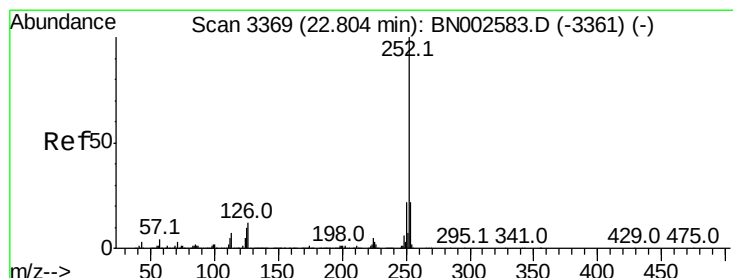
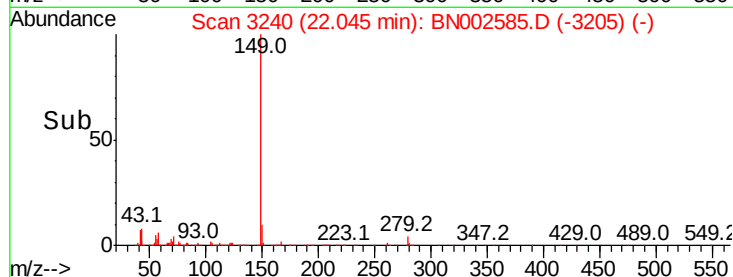
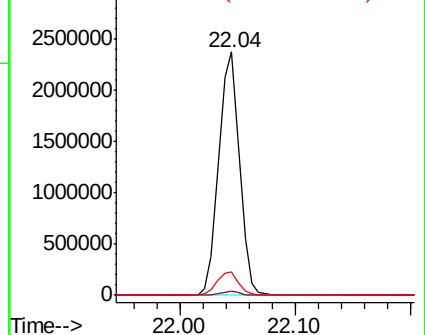
43 9.8 5.6 8.4#



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: 16.148 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

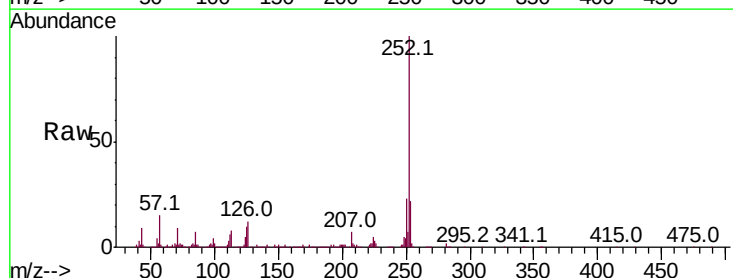
Tgt Ion:252 Resp: 860380

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

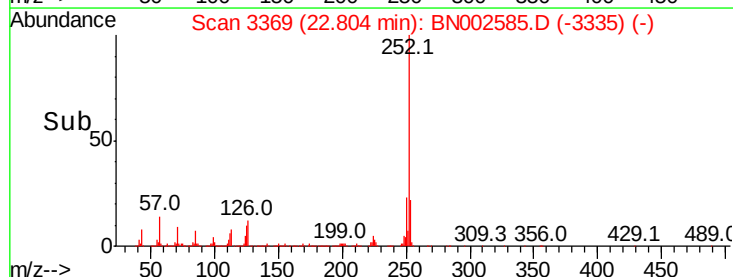
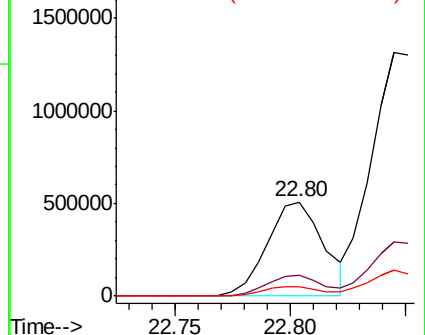
125 9.8 8.5 12.7

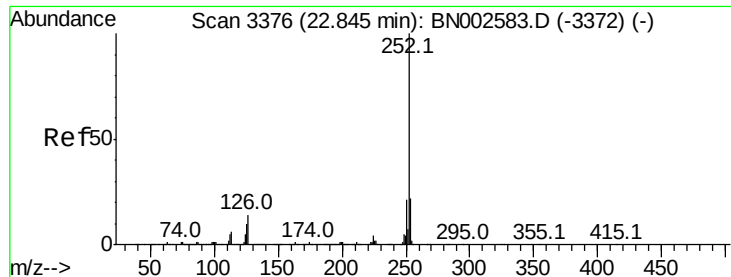


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 43.310 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

Instrument :

BNA_N

ClientSampleId :

A3YW0

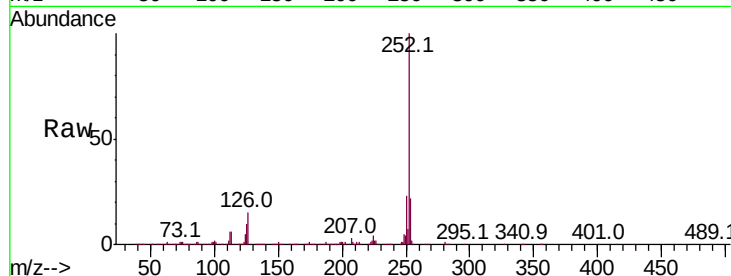
Tot Ion:252 Resp: 2173955

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

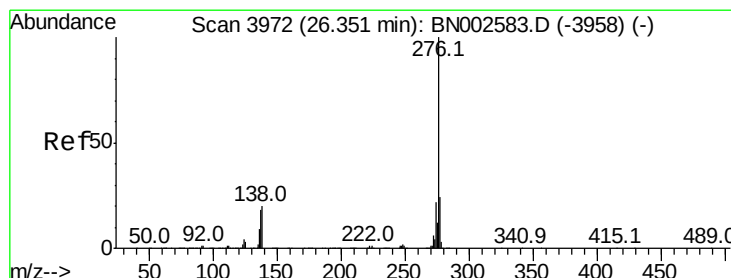
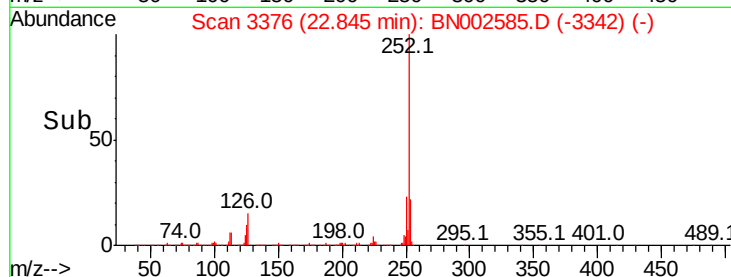
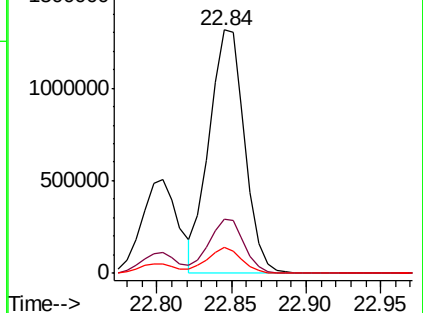
125 10.4 8.2 12.2



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



#93

Benzo(g,h,i)perylene

Concen: 20.441 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002585.D

Acq: 05 Sep 2018 18:15

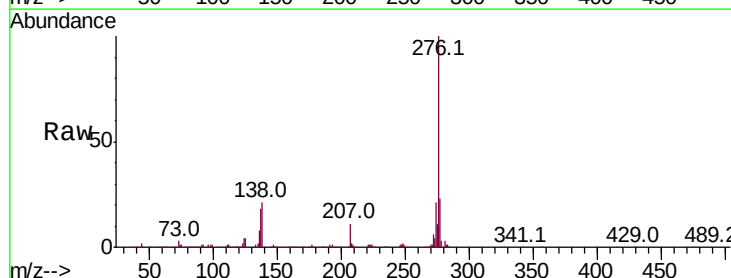
Tgt Ion:276 Resp: 1029856

Ion Ratio Lower Upper

276 100

138 20.7 18.9 28.3

277 23.3 19.2 28.8



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

