

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006043.D
 Acq On : 03 Jun 2019 18:55
 Operator : JU/SJ
 Sample : K2925-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42E9

Quant Time: Jun 04 02:11:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	352383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1611772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	939989	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1966286	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1307057	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1400410	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32804	4.33	ng/uL	0.00
5) Phenol-d5	6.89	99	783454	26.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	441289	26.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	609624	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	583570	25.05	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	306503	26.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	340506	26.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	632395	27.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	763458	26.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1938012	29.14	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2428603	28.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	328886	26.76	ng/ul	0.00
57) Fluorene-d10	15.38	176	1624440	28.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	230372	24.18	ng/ul	0.00
70) Anthracene-d10	17.24	188	2393979	29.05	ng/ul	0.00
78) Pyrene-d10	19.54	212	2258588	30.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1837897	29.54	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	166883	21.095	ng/uL 98
4) Benzaldehyde	6.87	77	669486	33.786	ng/ul 99
6) Phenol	6.92	94	1064855	35.809	ng/ul 99
10) 2-Chlorophenol	7.29	128	552641	23.670	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.52	70	497753	27.866	ng/ul 99
20) Nitrobenzene	8.92	77	573722	21.039	ng/ul 99
23) 2-Nitrophenol	9.63	139	312127	23.066	ng/ul 97
27) 2,4-Dichlorophenol	10.16	162	559394	24.481	ng/ul 98
28) Naphthalene	10.57	128	1283131	16.922	ng/ul 100
31) Hexachlorobutadiene	10.85	225	336343	24.876	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	1069343	41.177	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	533302	19.215	ng/ul 99
38) 2,4,6-Trichlorophenol	12.80	196	650998	35.694	ng/ul 100
40) 1,1'-Biphenyl	13.21	154	1825022	25.764	ng/ul 100
41) 2-Chloronaphthalene	13.25	162	882473	16.118	ng/ul 99
44) Dimethylphthalate	13.84	163	1817063	27.606	ng/ul 100
45) 2,6-Dinitrotoluene	13.96	165	342129	24.683	ng/ul 97
49) Acenaphthene	14.45	153	1236638	21.835	ng/ul 99
52) 4-Nitrophenol	14.60	109	230761	24.851	ng/ul 98
53) Dibenzofuran	14.78	168	1466101	18.229	ng/ul 99
55) 2,3,4,6-Tetrachlorophenol	15.01	232	338434	21.431	ng/ul 98
59) 4-Chlorophenyl-phenylether	15.43	204	541404	17.628	ng/ul 97
63) 4,6-Dinitro-2-methylphenol	15.52	198	394319	40.499	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

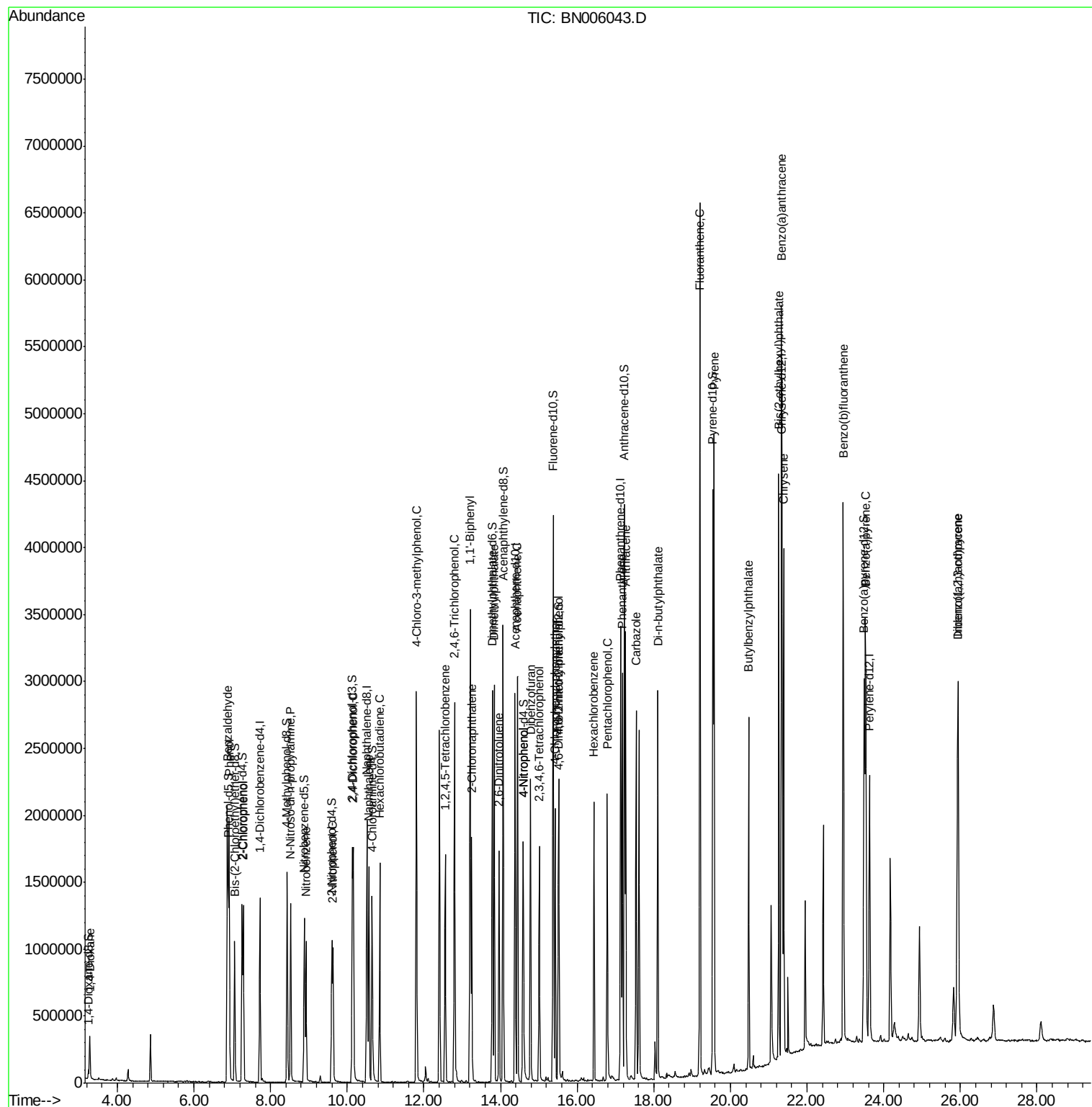
66) Hexachlorobenzene	16.44	284	415890	19.816	ng/ul	98
68) Pentachlorophenol	16.79	266	366543	31.733	ng/ul	99
69) Phenanthrene	17.18	178	1746047	18.299	ng/ul	99
71) Anthracene	17.27	178	1998896	20.629	ng/ul	99
74) Carbazole	17.54	167	1830920	21.967	ng/ul	100
75) Di-n-butylphthalate	18.11	149	2000485	18.738	ng/ul	100
76) Fluoranthene	19.21	202	3770609	40.606	ng/ul	100
79) Pyrene	19.57	202	2667139	28.312	ng/ul	100
80) Butylbenzylphthalate	20.48	149	760446	17.839	ng/ul	98
82) Benzo(a)anthracene	21.34	228	2672144	33.086	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	1370686	23.396	ng/ul	99
84) Chrysene	21.39	228	1883366	24.647	ng/ul	99
87) Benzo(b)fluoranthene	22.95	252	1863189	24.122	ng/ul	98
90) Benzo(a)pyrene	23.54	252	1666789	22.696	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.93	276	2186564	25.862	ng/ul	98
92) Dibenzo(a,h)anthracene	25.95	278	1432115	20.090	ng/ul	99

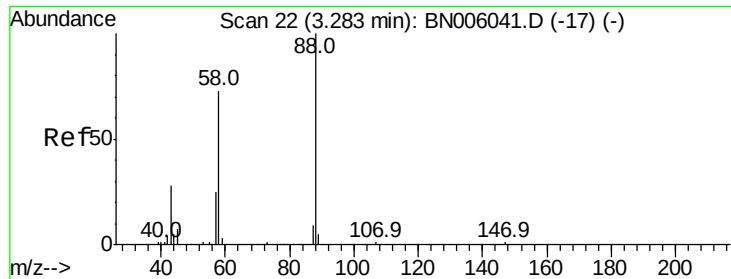
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 21.095 ng/uL

RT: 3.28 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

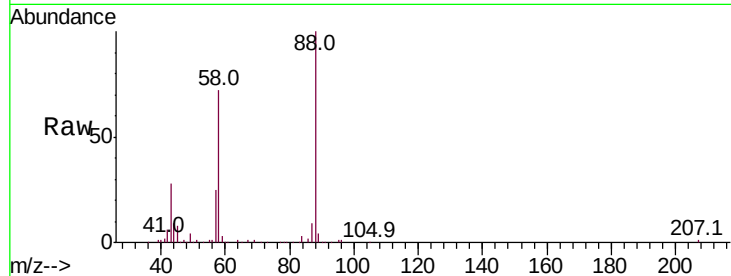
Tot Ion: 88 Resp: 166883

Ion Ratio Lower Upper

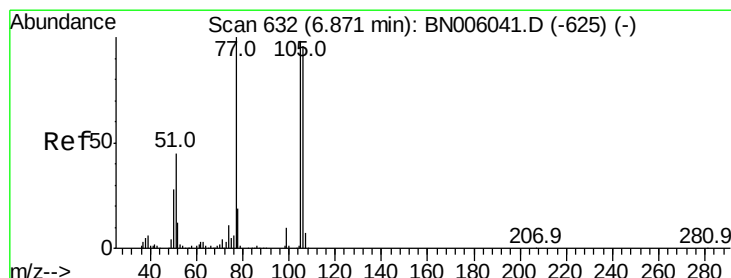
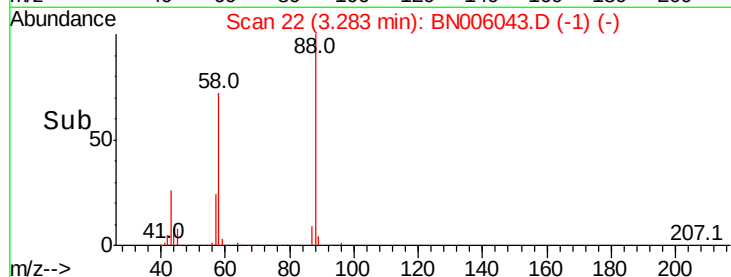
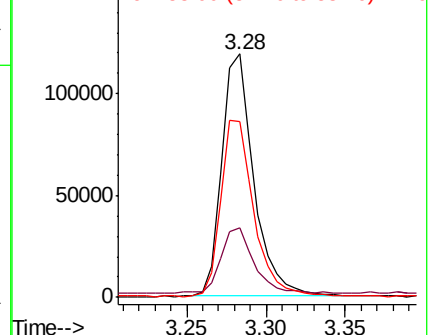
88 100

43 28.4 23.3 34.9

58 71.9 59.0 88.4



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



#4

Benzaldehyde

Concen: 33.786 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

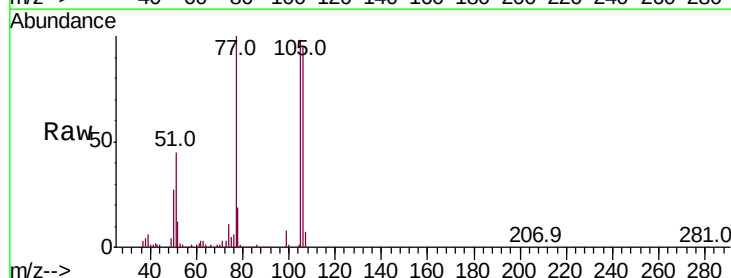
Tgt Ion: 77 Resp: 669486

Ion Ratio Lower Upper

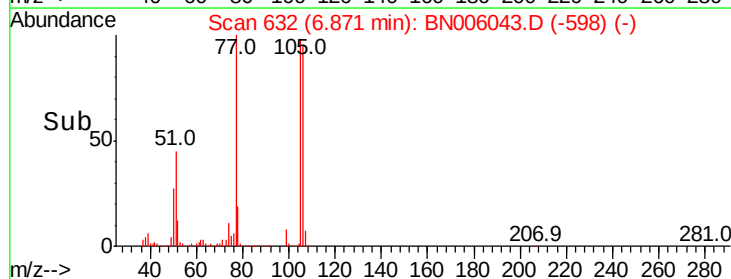
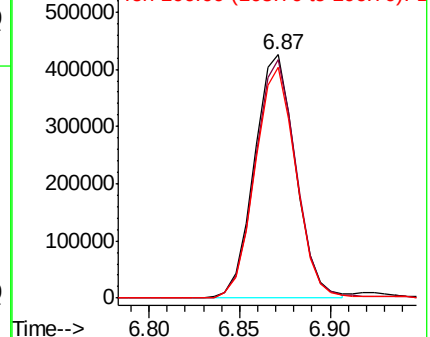
77 100

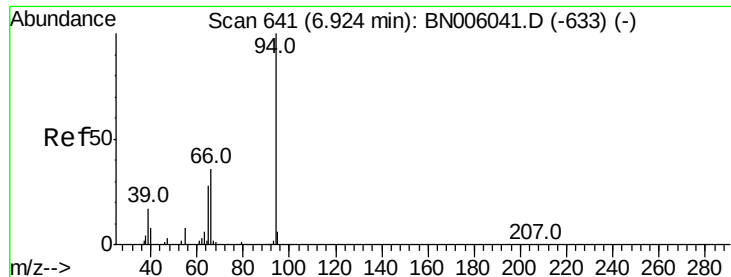
105 97.7 79.4 119.2

106 94.8 76.7 115.1



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#6

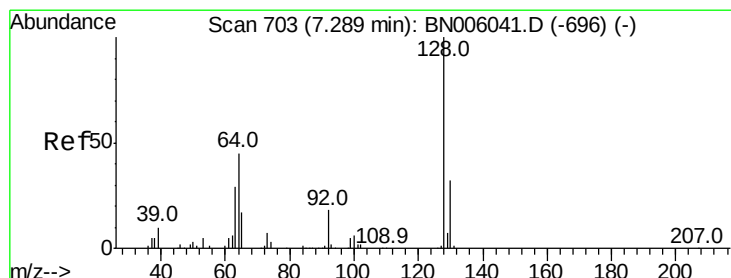
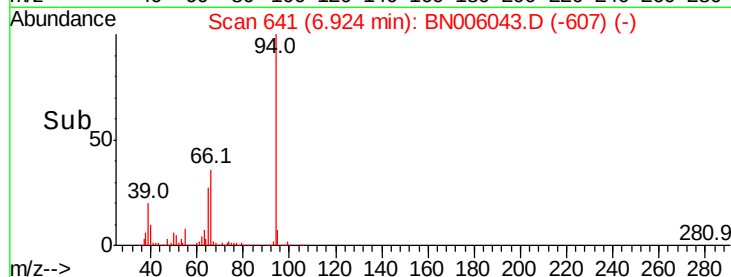
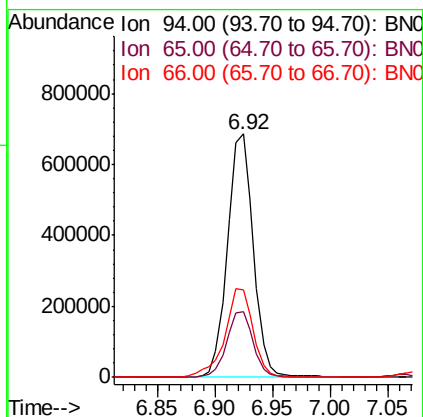
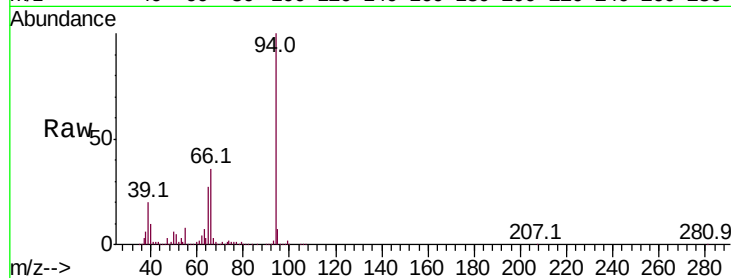
Phenol

Concen: 35.809 ng/ul
 RT: 6.92 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Instrument :
 BNA_N
 ClientSampled :
 A42E9

Tot Ion: 94 Resp: 1064855

Ion	Ratio	Lower	Upper
94	100		
65	26.8	21.1	31.7
66	35.9	28.2	42.2



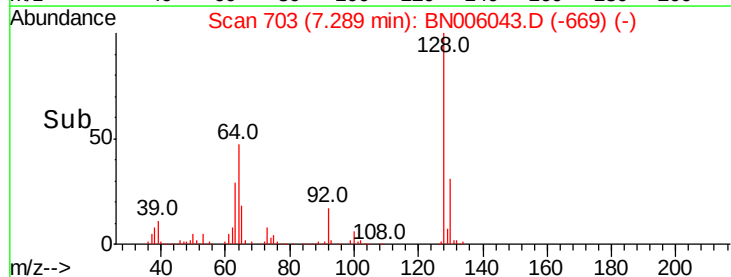
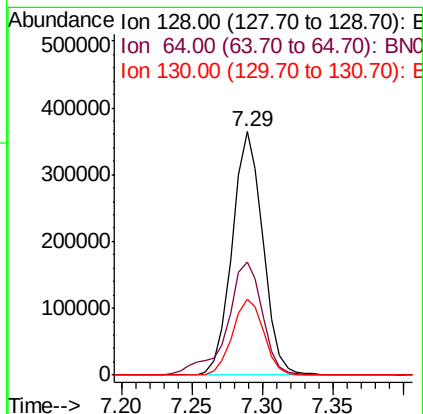
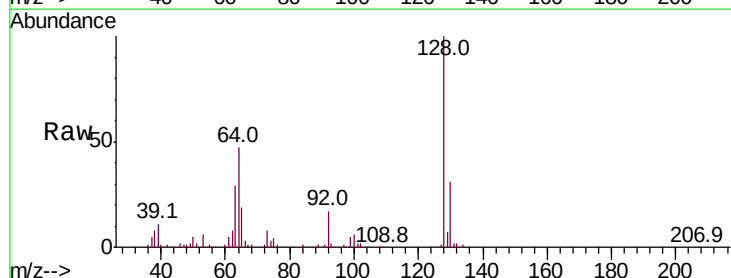
#10

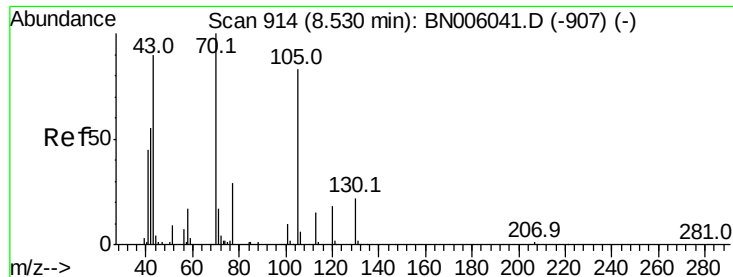
2-Chlorophenol

Concen: 23.670 ng/ul
 RT: 7.29 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Tgt Ion: 128 Resp: 552641

Ion	Ratio	Lower	Upper
128	100		
64	46.5	38.7	58.1
130	31.2	26.0	39.0

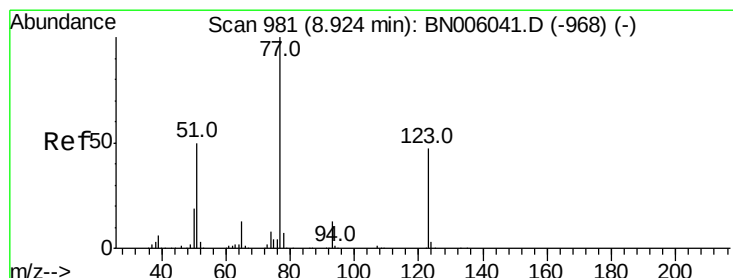
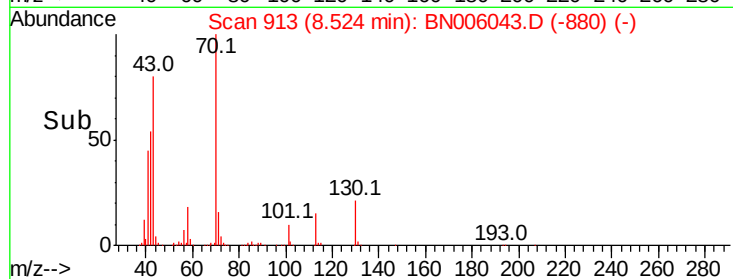
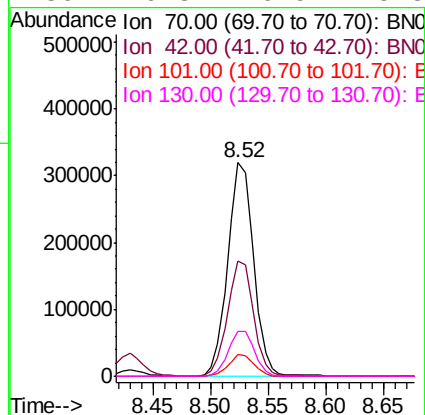
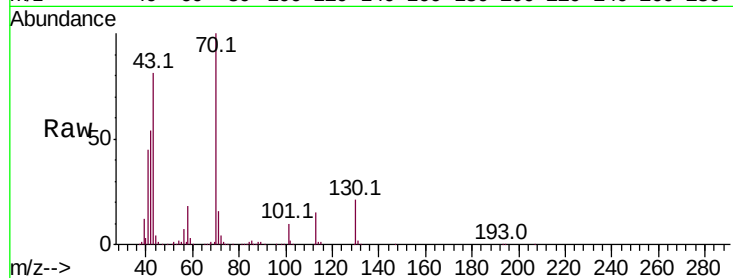




#15
N-Nitroso-di-n-propylamine
Concen: 27.866 ng/ul
RT: 8.52 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN006043.D
Acq: 03 Jun 2019 18:55

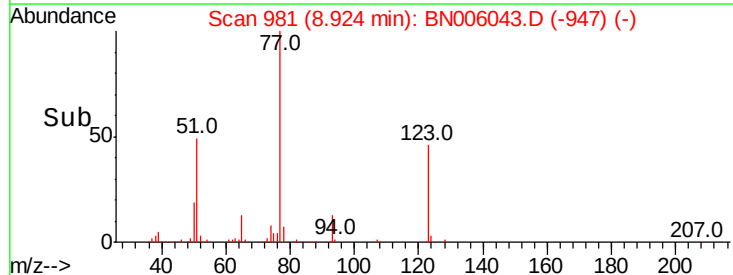
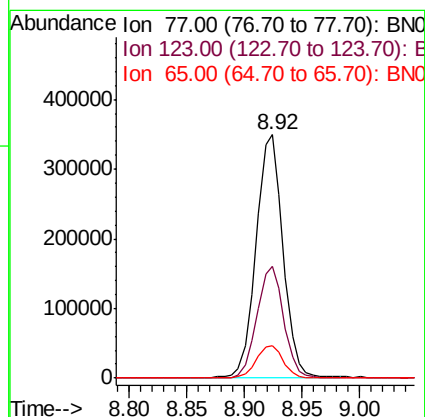
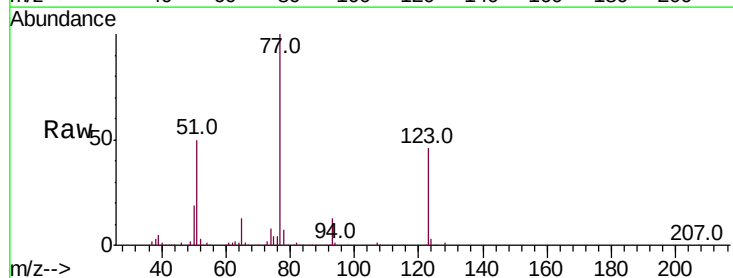
Instrument :
BNA_N
ClientSampled :
A42E9

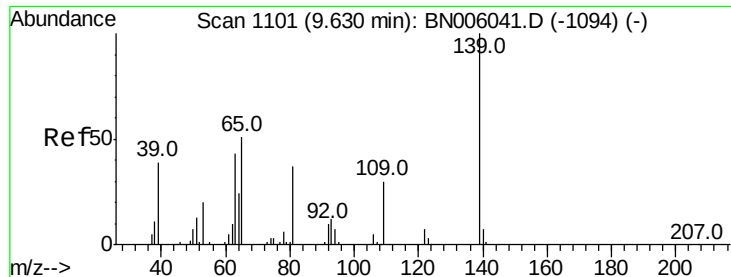
Tot Ion:	70	Resp:	497753
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.3	64.9
101	10.3	7.8	11.8
130	20.8	16.9	25.3



#20
Nitrobenzene
Concen: 21.039 ng/ul
RT: 8.92 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN006043.D
Acq: 03 Jun 2019 18:55

Tgt Ion:	77	Resp:	573722
Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.8	53.8
65	13.5	10.7	16.1





#23

2-Nitrophenol

Concen: 23.066 ng/ul

RT: 9.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

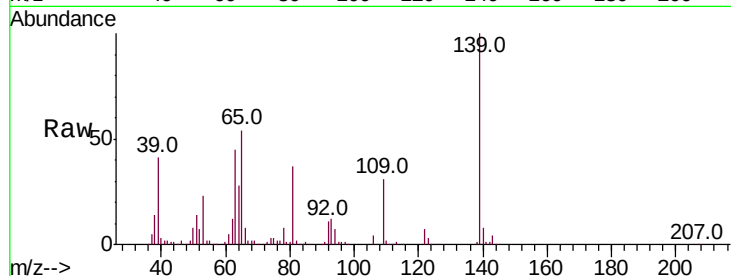
Tot Ion:139 Resp: 312127

Ion Ratio Lower Upper

139 100

65 54.5 40.9 61.3

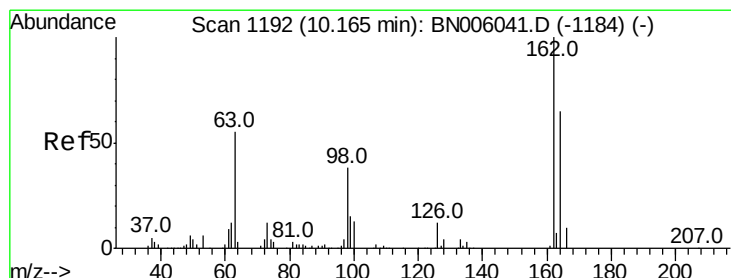
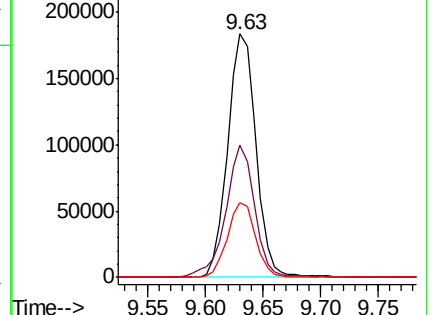
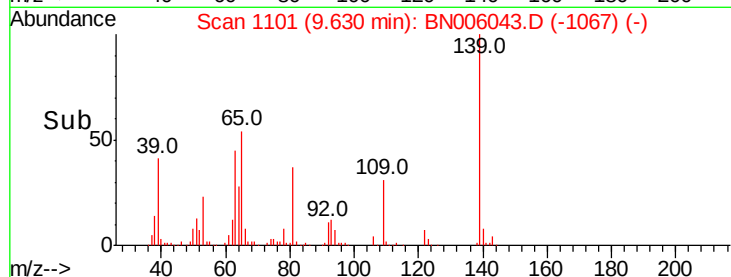
109 30.8 24.6 36.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 24.481 ng/ul

RT: 10.16 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

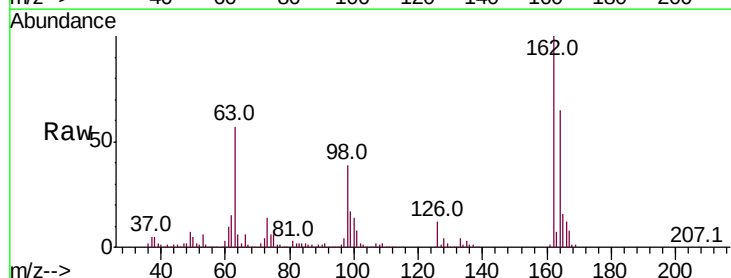
Tgt Ion:162 Resp: 559394

Ion Ratio Lower Upper

162 100

164 65.1 53.9 80.9

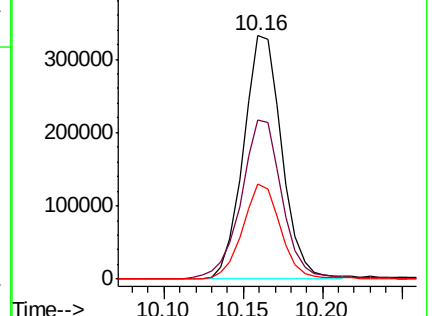
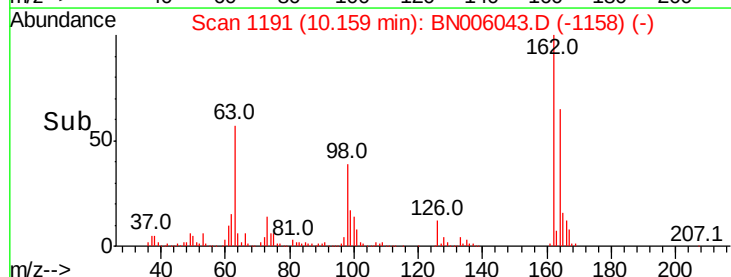
98 38.9 30.7 46.1

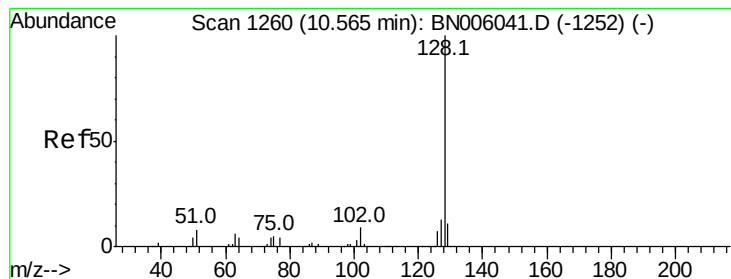


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO





#28

Naphthalene

Concen: 16.922 ng/ul

RT: 10.57 min Scan# 1260

Delta R.T. -0.00 min

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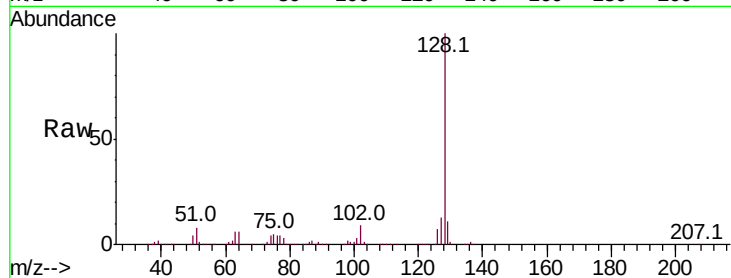
Tot Ion:128 Resp: 1283131

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

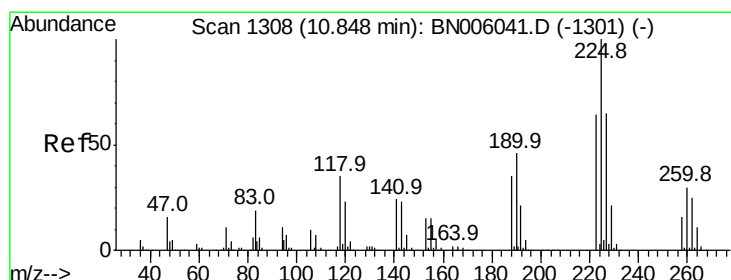
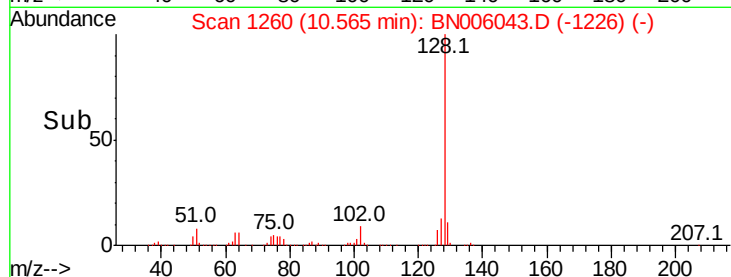
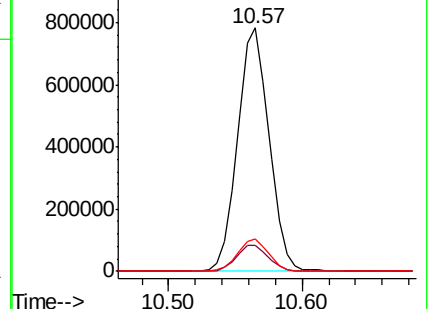
127 13.3 10.6 16.0



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: 24.876 ng/ul

RT: 10.85 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

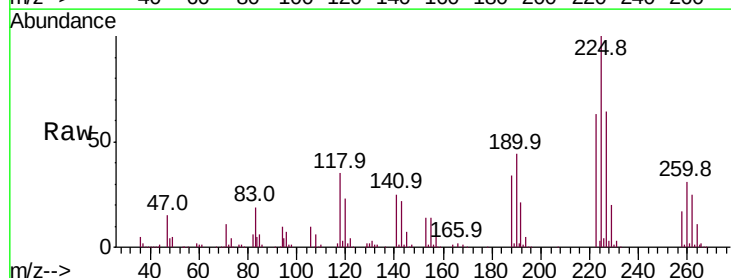
Tgt Ion:225 Resp: 336343

Ion Ratio Lower Upper

225 100

223 63.3 50.1 75.1

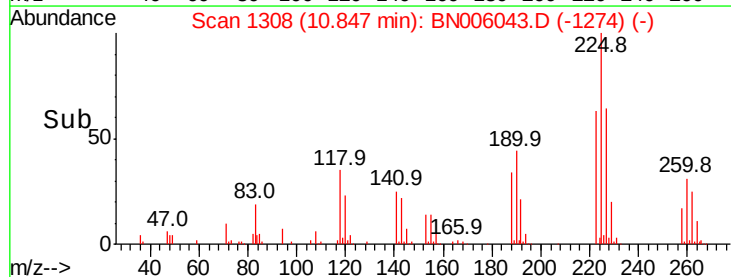
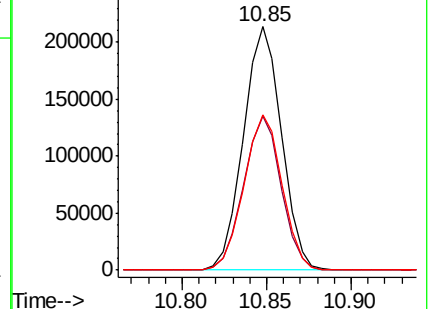
227 63.9 50.0 75.0

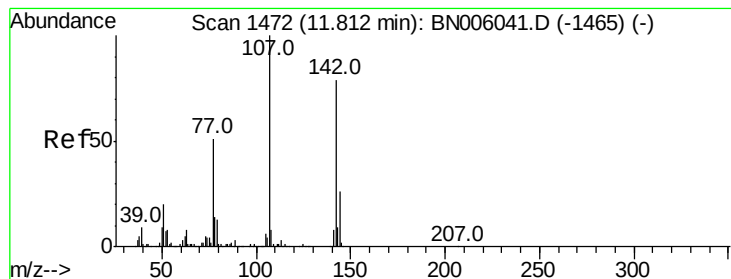


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#33

4-Chloro-3-methylphenol

Concen: 41.177 ng/ul

RT: 11.81 min Scan# 1471

Delta R.T. -0.01 min

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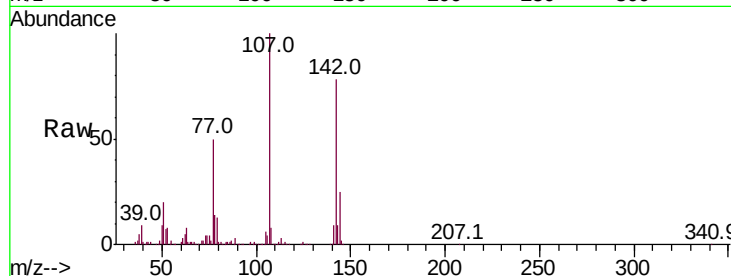
Tot Ion:107 Resp: 1069343

Ion Ratio Lower Upper

107 100

144 25.4 20.0 30.0

142 78.2 63.1 94.7

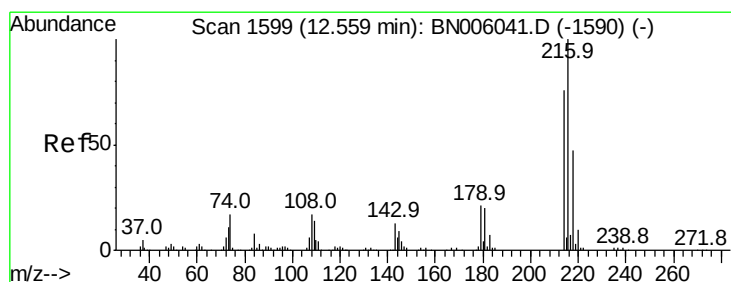
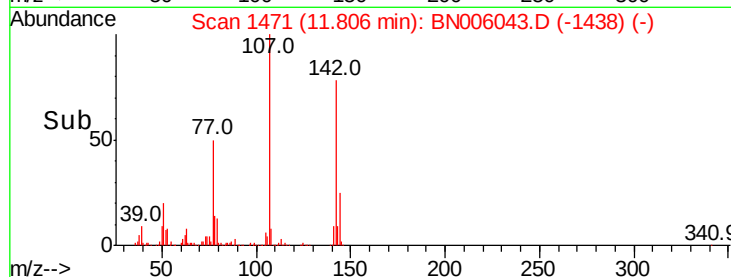
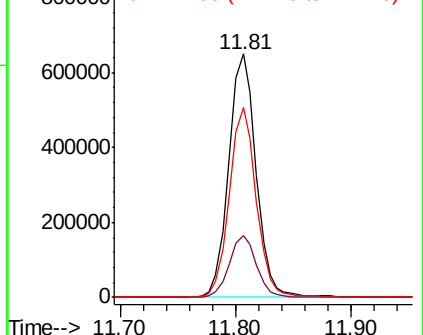


Abundance

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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.215 ng/ul

RT: 12.56 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Tgt Ion:216 Resp: 533302

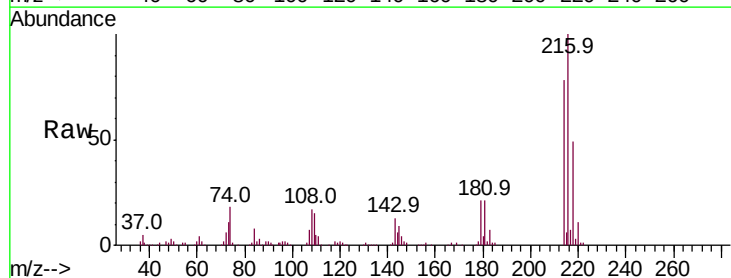
Ion Ratio Lower Upper

216 100

214 78.5 61.8 92.8

179 20.8 16.6 24.8

108 17.5 13.8 20.6



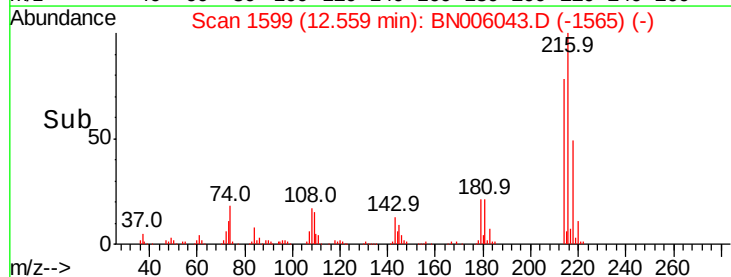
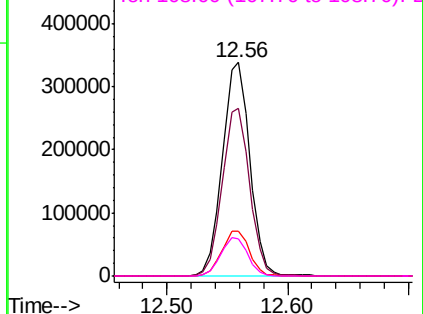
Abundance

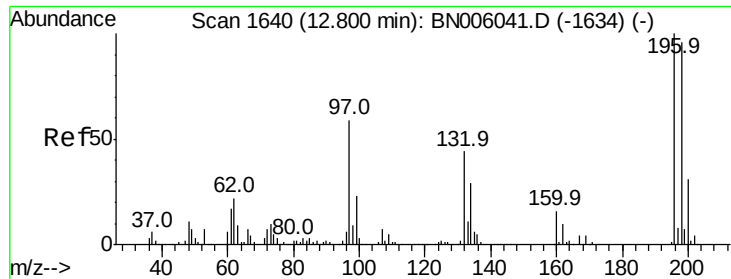
Ion 216.00 (215.70 to 216.70): E

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

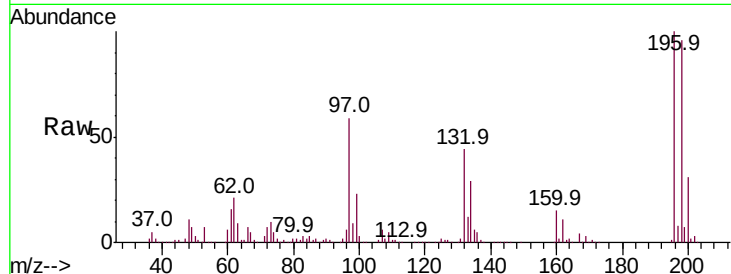




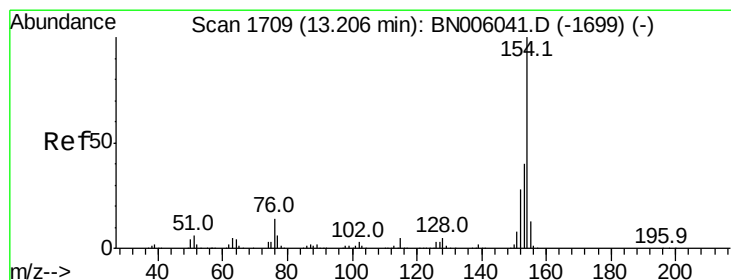
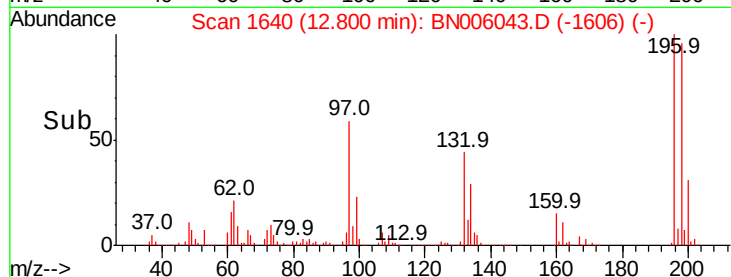
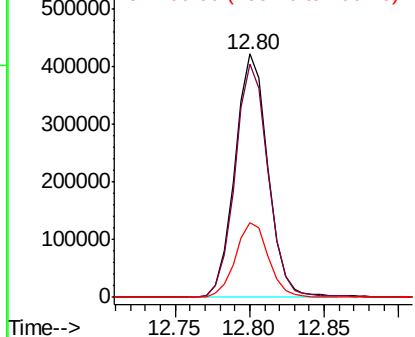
#38
 2,4,6-Trichlorophenol
 Concen: 35.694 ng/ul
 RT: 12.80 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Instrument :
 BNA_N
 ClientSampleId :
 A42E9

Tot Ion:196 Resp: 650998
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.2
 200 30.9 24.9 37.3

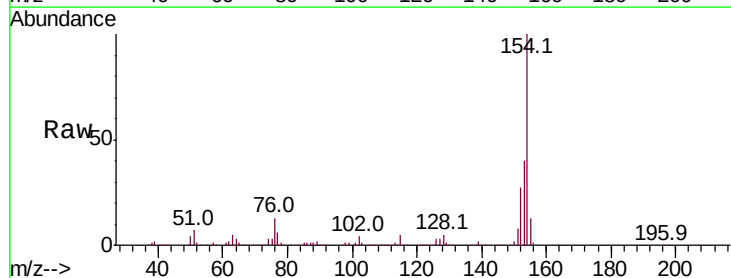


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

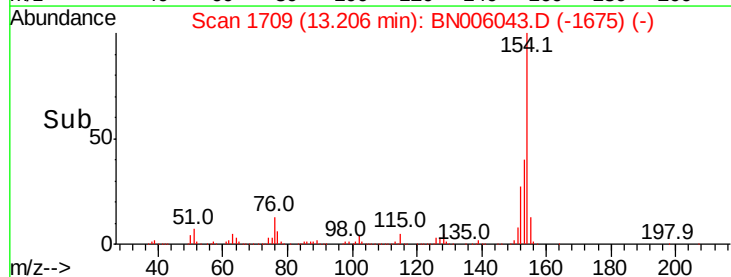
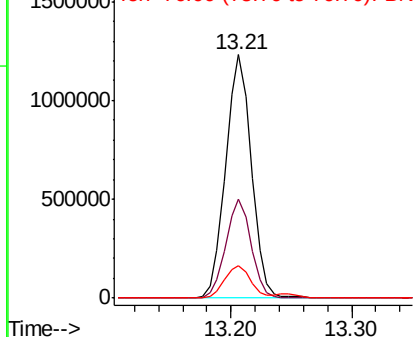


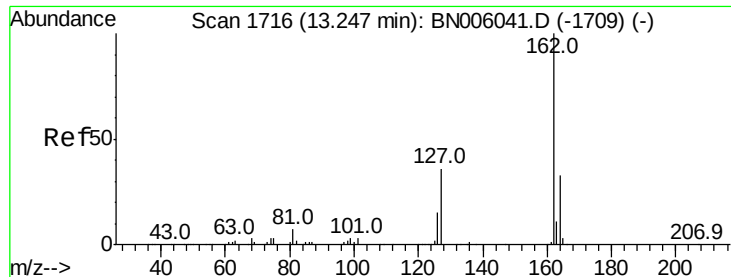
#40
 1,1'-Biphenyl
 Concen: 25.764 ng/ul
 RT: 13.21 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Tgt Ion:154 Resp: 1825022
 Ion Ratio Lower Upper
 154 100
 153 40.4 32.3 48.5
 76 13.2 11.0 16.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

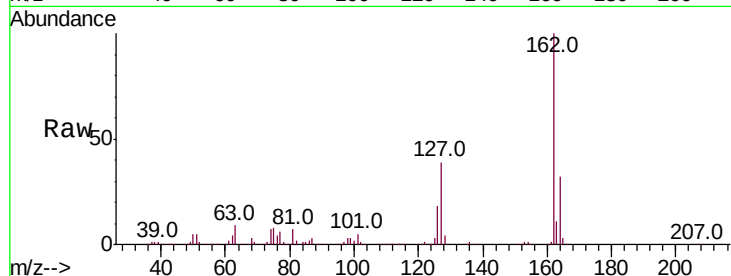




#41
 2-Chloronaphthalene
 Concen: 16.118 ng/ul
 RT: 13.25 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Instrument :
 BNA_N
 ClientSampleId :
 A42E9

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.4	39.6
127	39.5	31.7	47.5

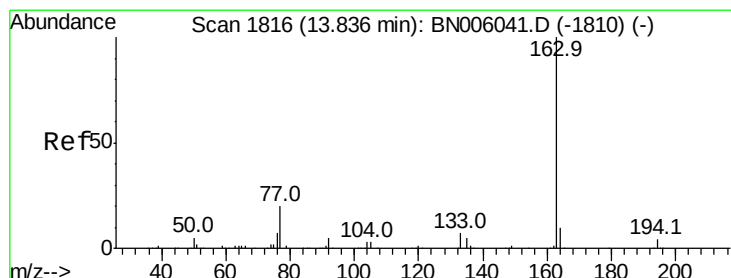
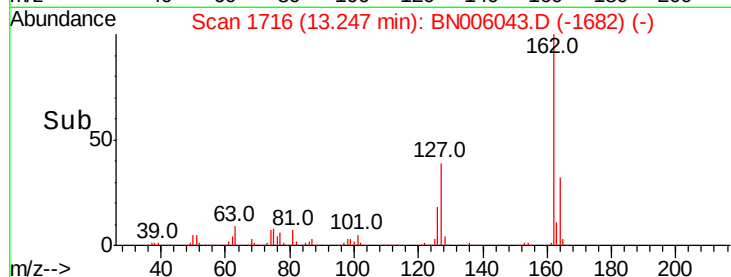
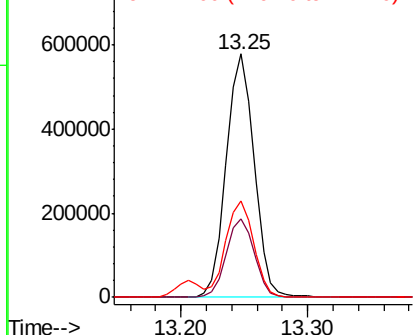


Abundance

Ion 162.00 (161.70 to 162.70): E

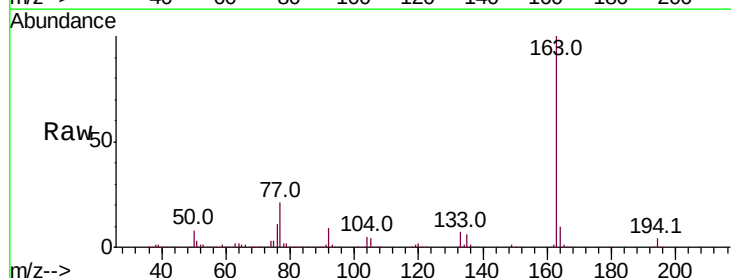
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44
 Dimethylphthalate
 Concen: 27.606 ng/ul
 RT: 13.84 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.2	12.4

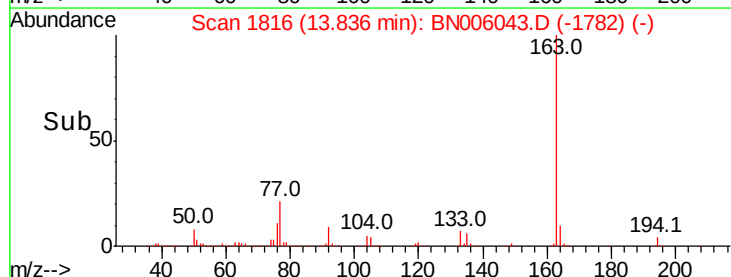
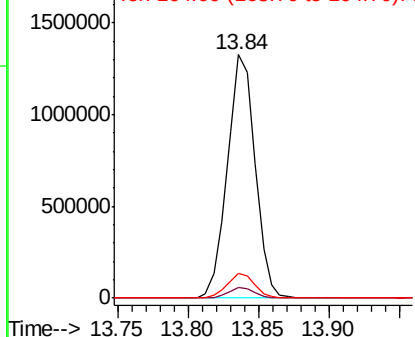


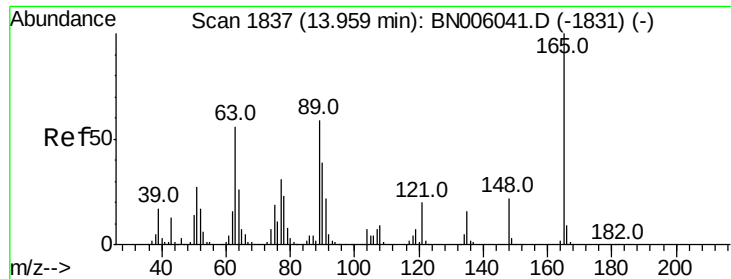
Abundance

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: 24.683 ng/ul

RT: 13.96 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

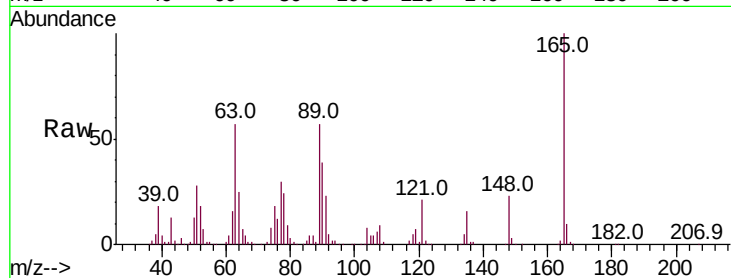
Tot Ion:165 Resp: 342129

Ion Ratio Lower Upper

165 100

89 56.8 44.2 66.2

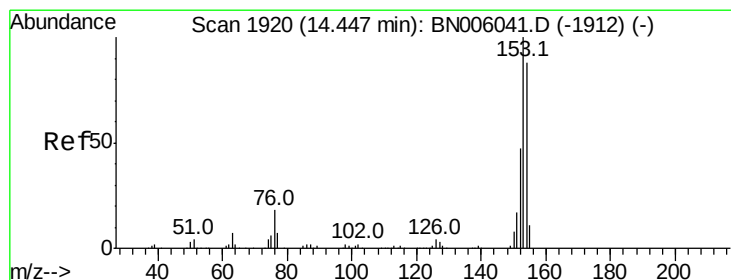
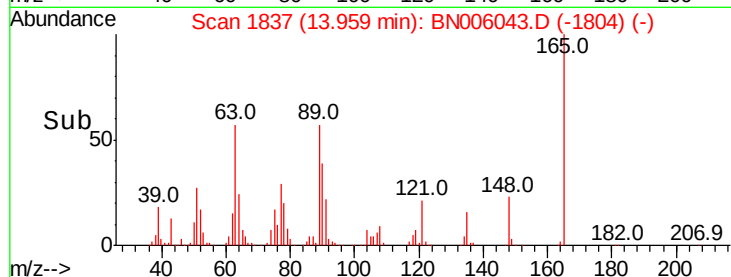
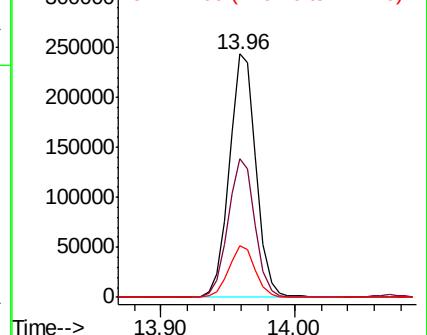
121 21.0 15.6 23.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E



#49

Acenaphthene

Concen: 21.835 ng/ul

RT: 14.45 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

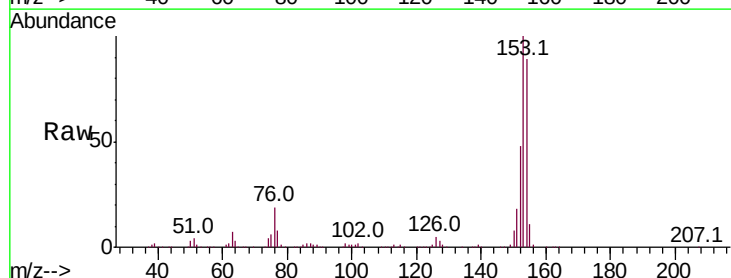
Tgt Ion:153 Resp: 1236638

Ion Ratio Lower Upper

153 100

152 47.8 37.4 56.2

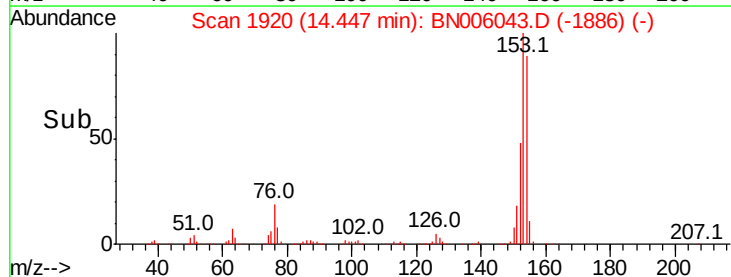
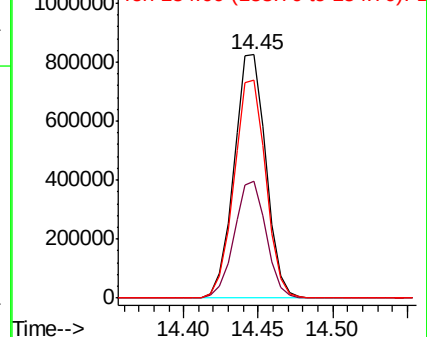
154 89.3 70.7 106.1

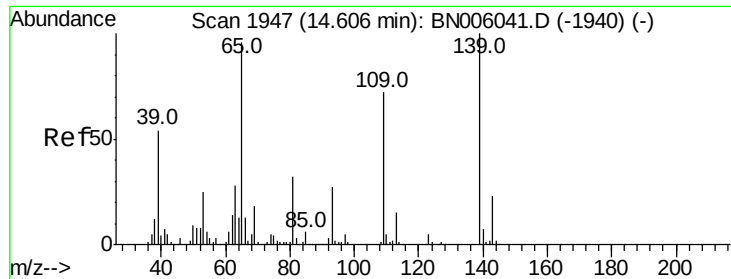


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 24.851 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampled :

A42E9

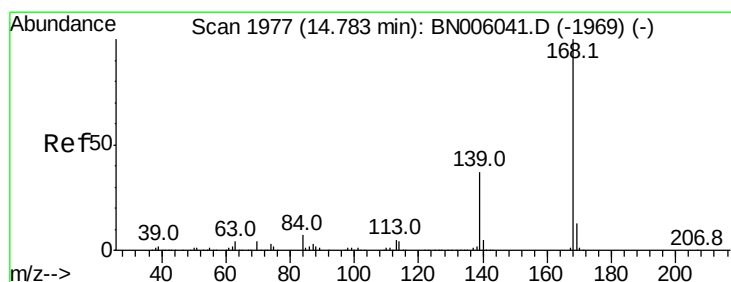
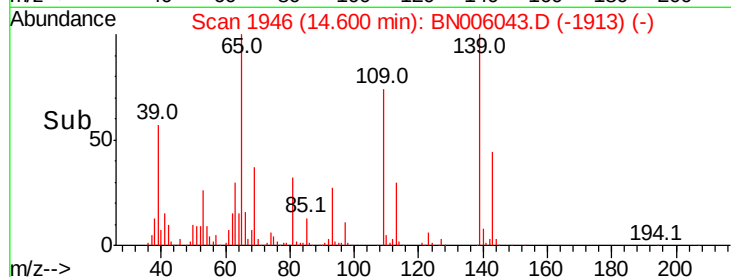
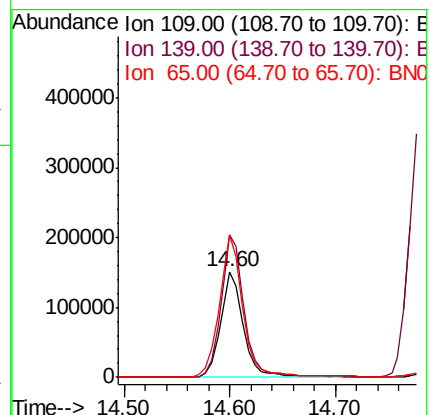
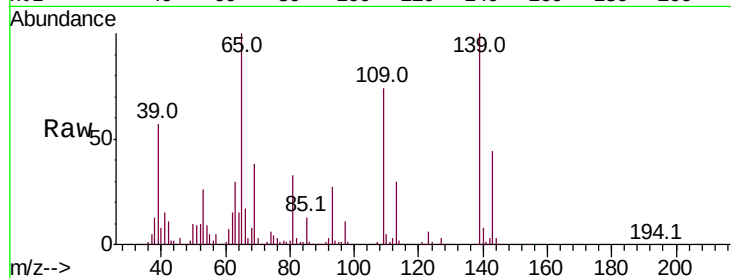
Tot Ion:109 Resp: 230761

Ion Ratio Lower Upper

109 100

139 134.6 111.8 167.6

65 135.1 108.5 162.7



#53

Dibenzofuran

Concen: 18.229 ng/ul

RT: 14.78 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN006043.D

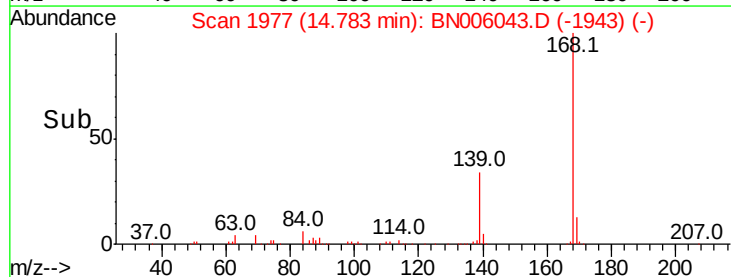
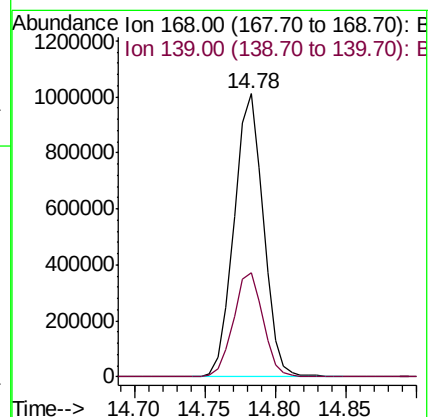
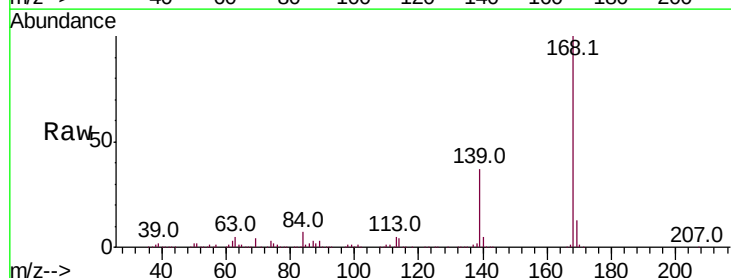
Acq: 03 Jun 2019 18:55

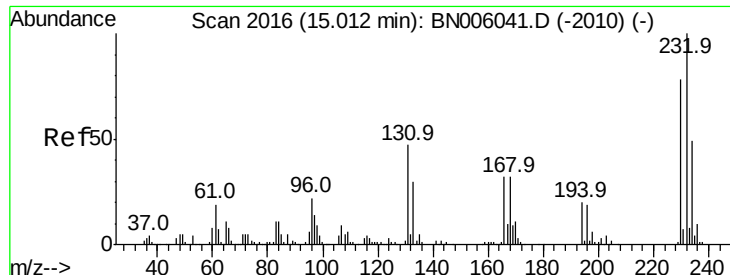
Tgt Ion:168 Resp: 1466101

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

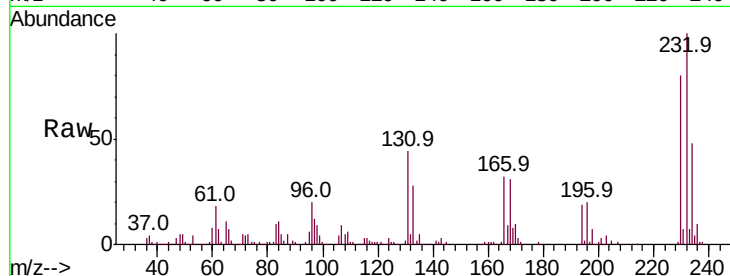




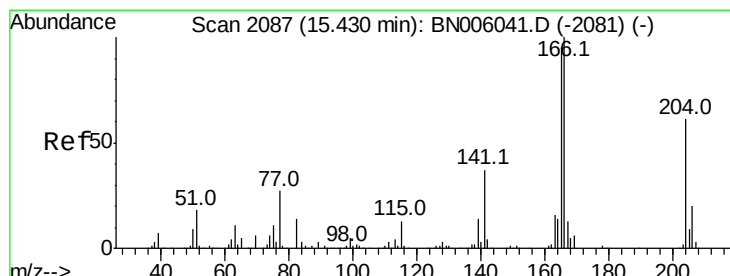
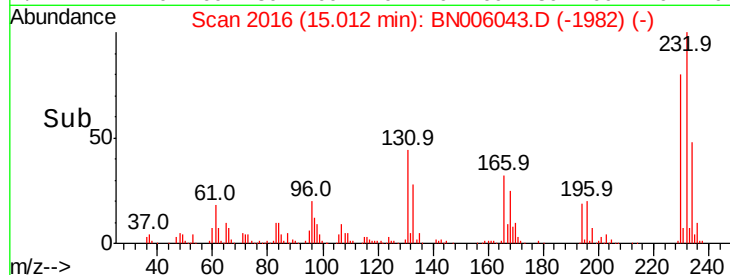
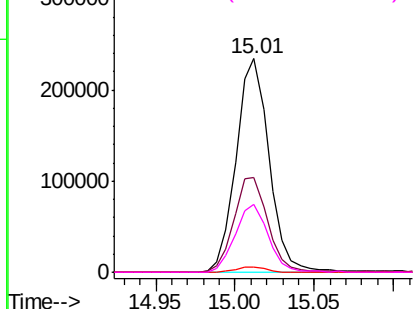
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.431 ng/ul
 RT: 15.01 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Instrument :
 BNA_N
 ClientSampleId :
 A42E9

Tot Ion:232 Resp: 338434
 Ion Ratio Lower Upper
 232 100
 131 44.5 36.9 55.3
 130 2.4 1.8 2.8
 166 31.8 25.9 38.9

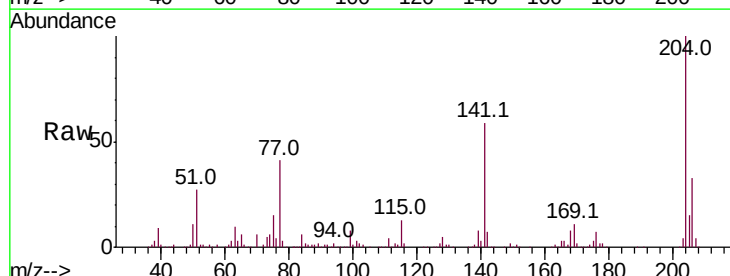


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

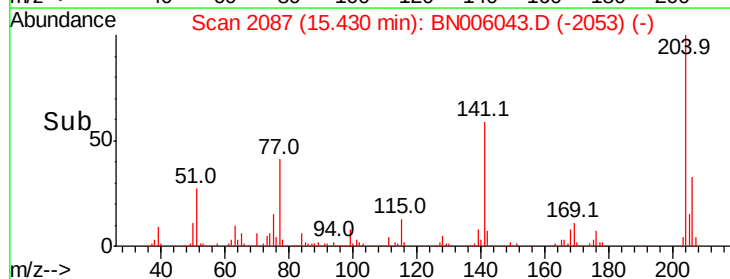
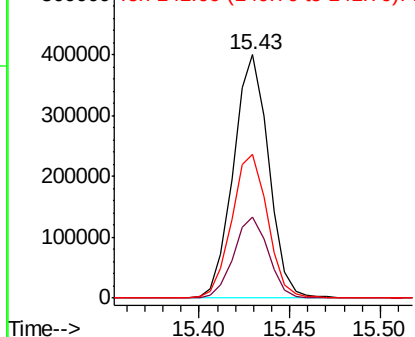


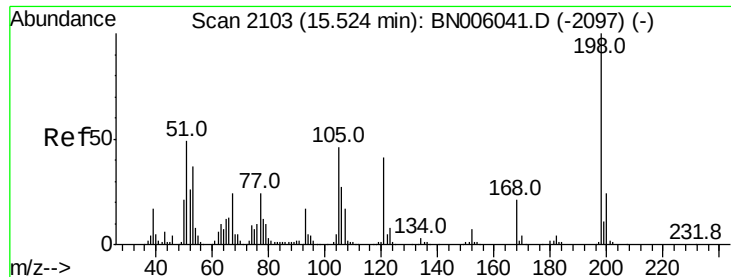
#59
 4-Chlorophenyl-phenylether
 Concen: 17.628 ng/ul
 RT: 15.43 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Tgt Ion:204 Resp: 541404
 Ion Ratio Lower Upper
 204 100
 206 33.2 27.6 41.4
 141 59.2 49.1 73.7



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





#63

4,6-Dinitro-2-methylphenol

Concen: 40.499 ng/ul

RT: 15.52 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

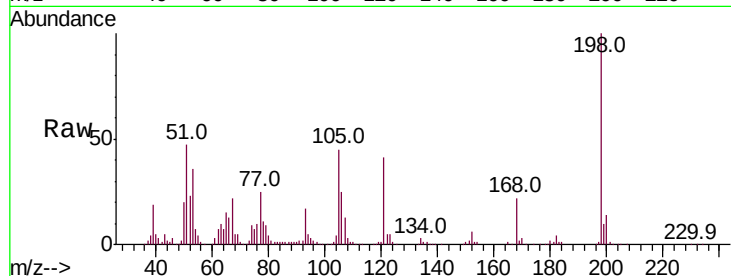
Tot Ion:198 Resp: 394319

Ion Ratio Lower Upper

198 100

182 3.9 3.1 4.7

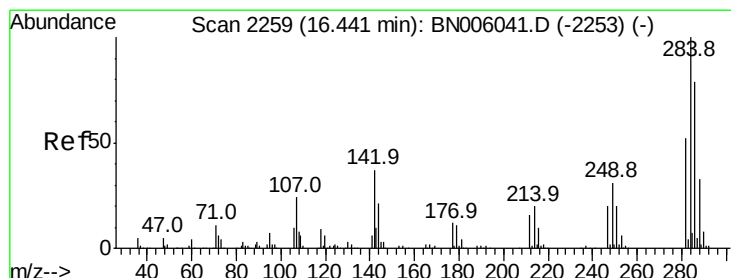
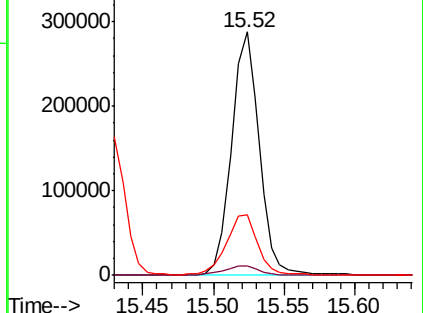
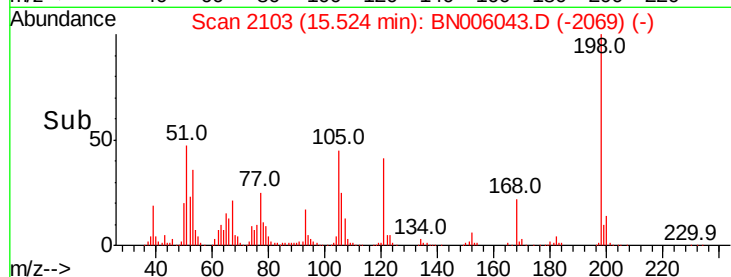
77 25.1 21.5 32.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#66

Hexachlorobenzene

Concen: 19.816 ng/ul

RT: 16.44 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

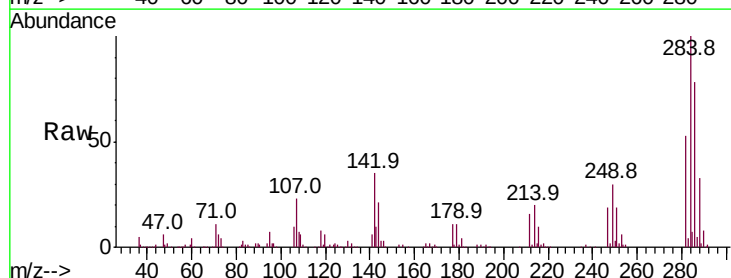
Tgt Ion:284 Resp: 415890

Ion Ratio Lower Upper

284 100

142 34.7 29.0 43.6

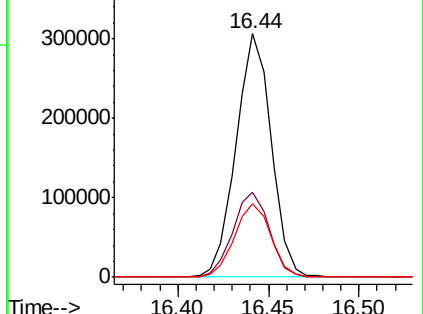
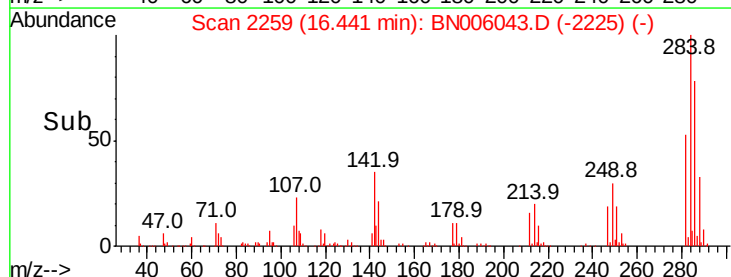
249 30.1 25.0 37.6

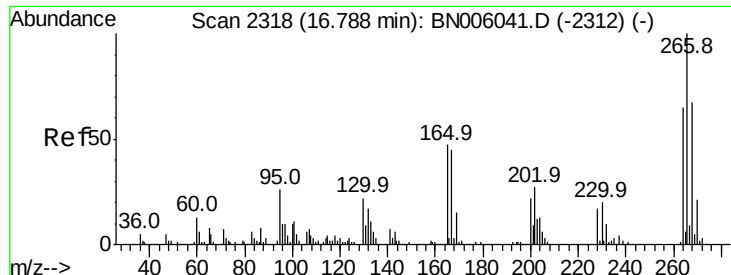


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

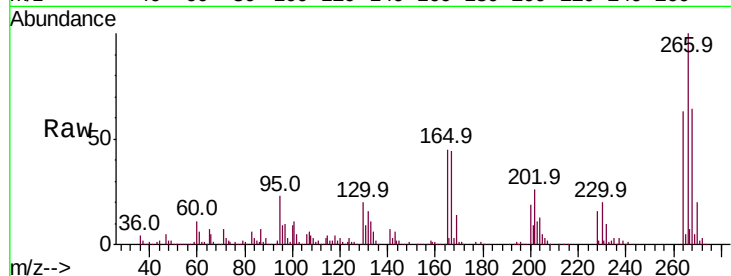




#68
 Pentachlorophenol
 Concen: 31.733 ng/ul
 RT: 16.79 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Instrument :
 BNA_N
 ClientSampleId :
 A42E9

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.8	76.2
268	64.3	50.7	76.1

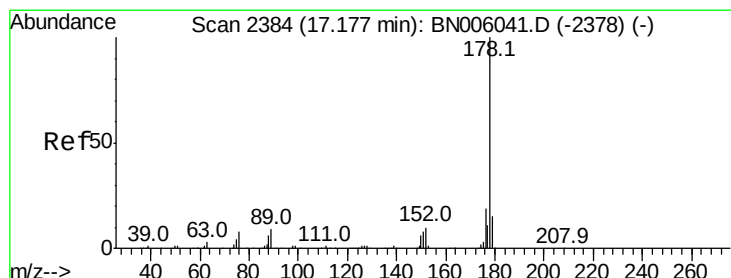
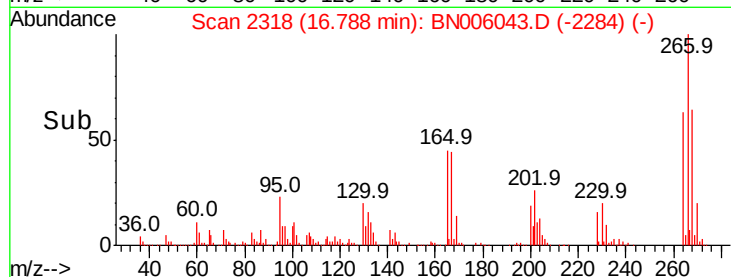
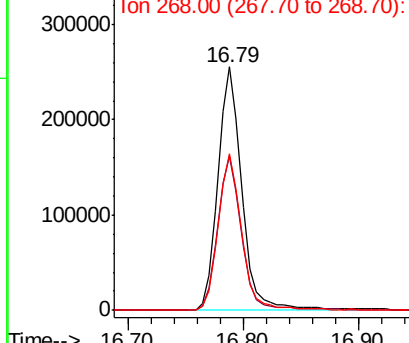


Abundance

Ion 265.70 (265.40 to 266.40): E

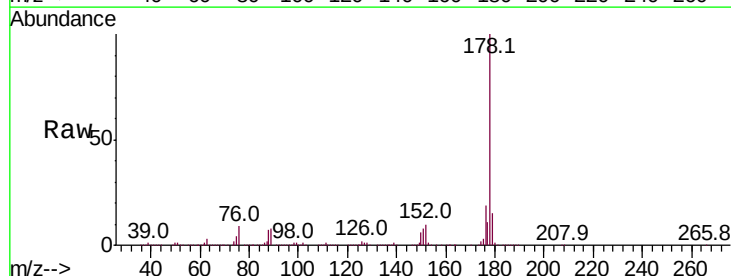
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 18.299 ng/ul
 RT: 17.18 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.1	15.0	22.4

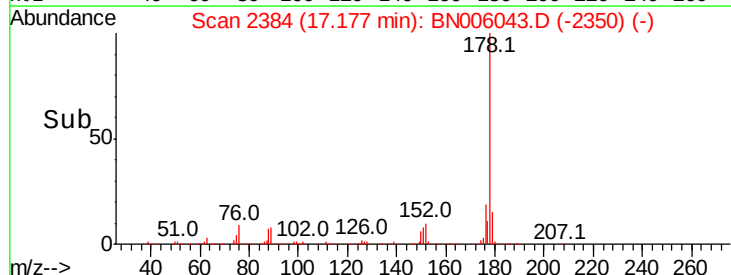
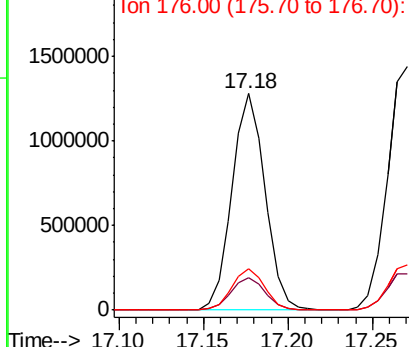


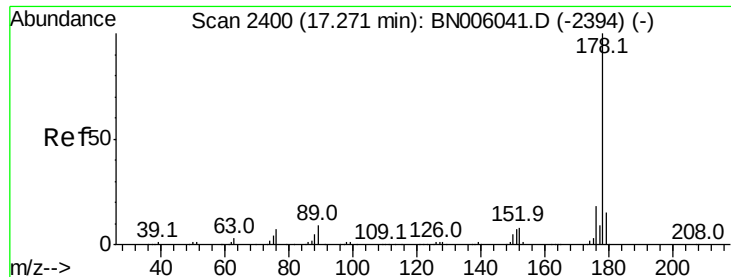
Abundance

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

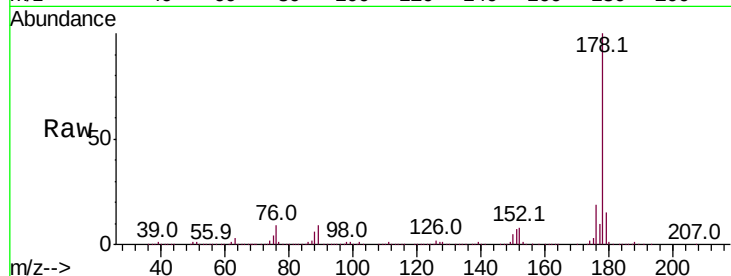




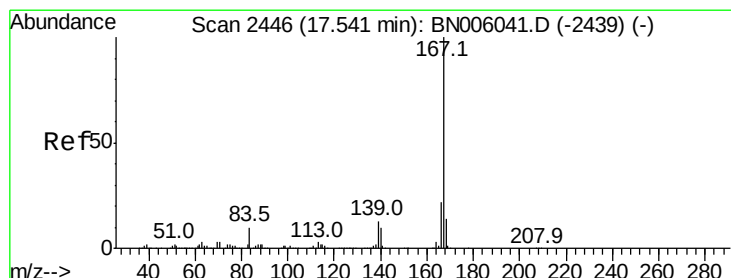
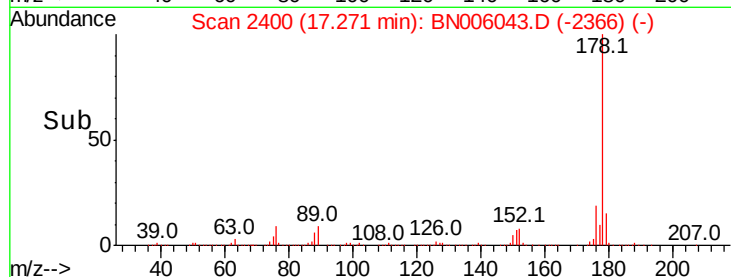
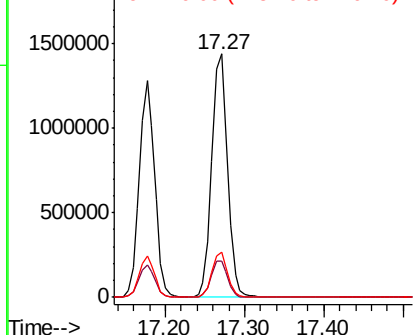
#71
 Anthracene
 Concen: 20.629 ng/ul
 RT: 17.27 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Instrument :
 BNA_N
 ClientSampleId :
 A42E9

Tot Ion:178 Resp: 1998896
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.4 18.6
 176 18.8 14.8 22.2

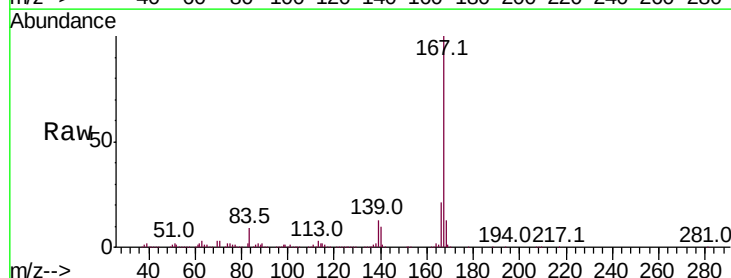


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

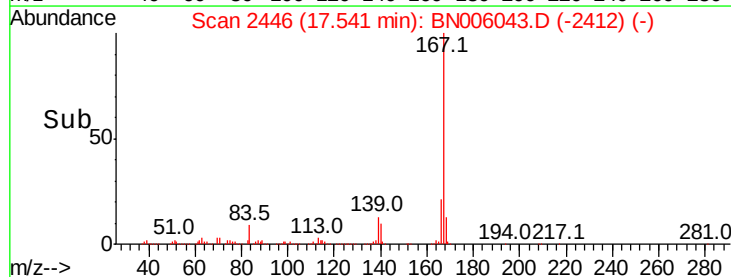
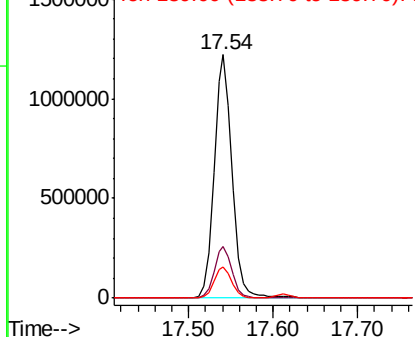


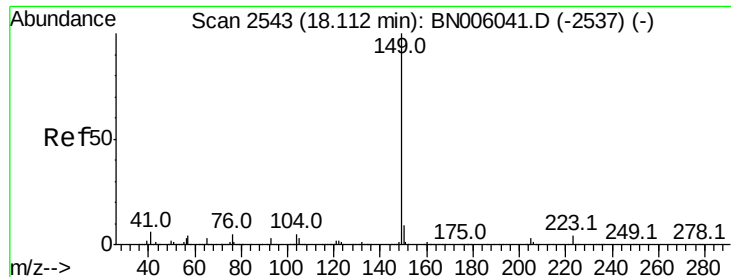
#74
 Carbazole
 Concen: 21.967 ng/ul
 RT: 17.54 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BN006043.D
 Acq: 03 Jun 2019 18:55

Tgt Ion:167 Resp: 1830920
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.7 10.4 15.6



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: 18.738 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

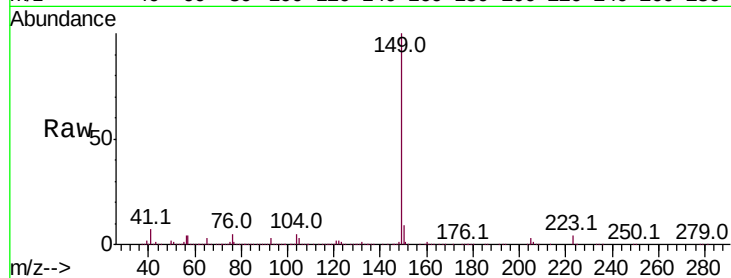
Tot Ion:149 Resp: 2000485

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

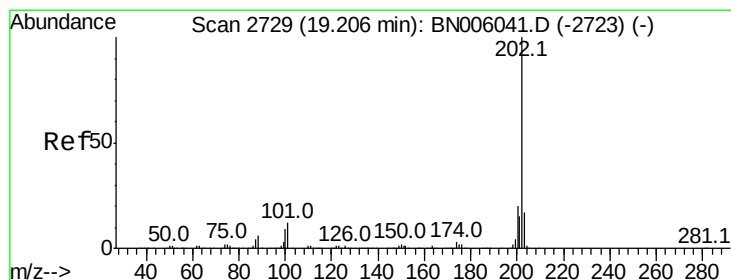
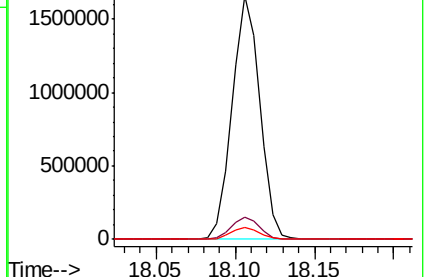
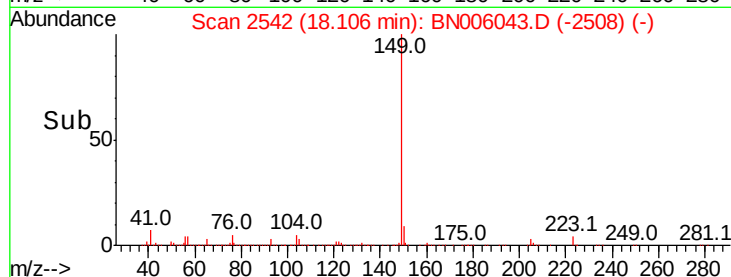
104 5.1 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Fluoranthene

Concen: 40.606 ng/ul

RT: 19.21 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

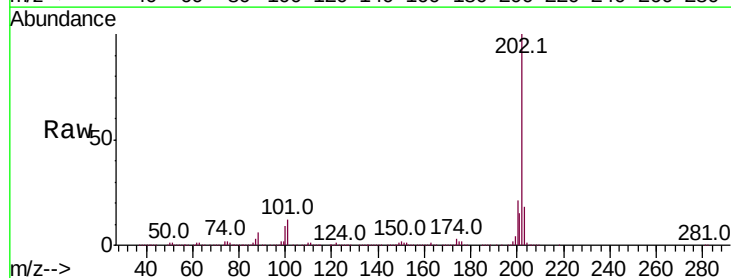
Tgt Ion:202 Resp: 3770609

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

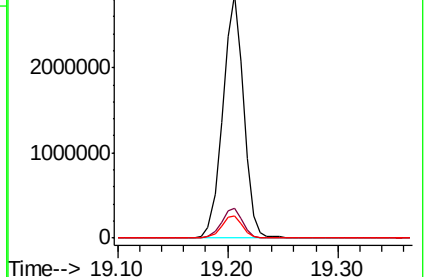
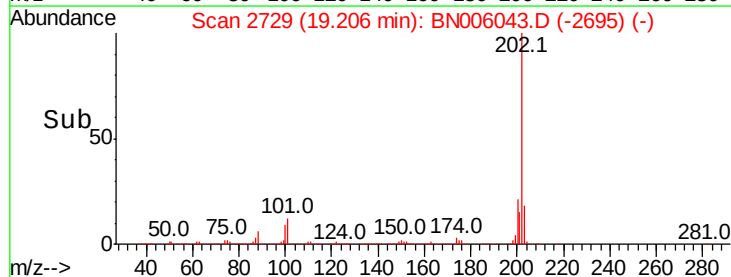
100 9.1 7.1 10.7

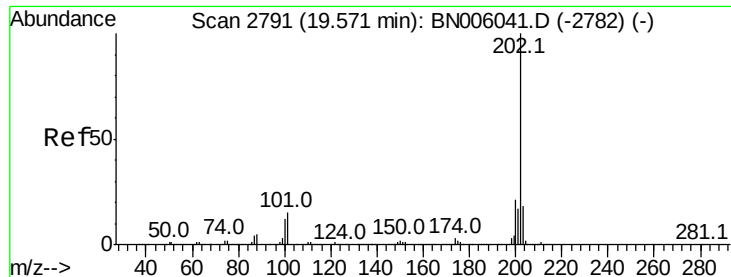


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 28.312 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

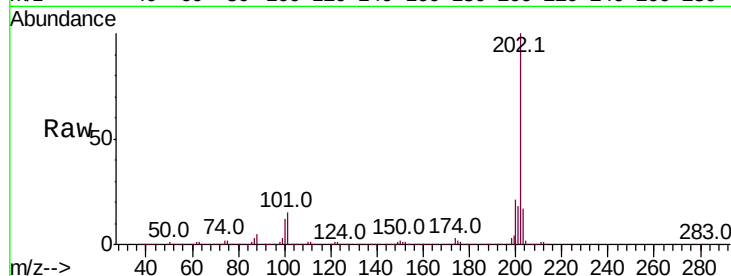
BNA_N

ClientSampleId :

A42E9

Tot Ion:202 Resp: 2667139

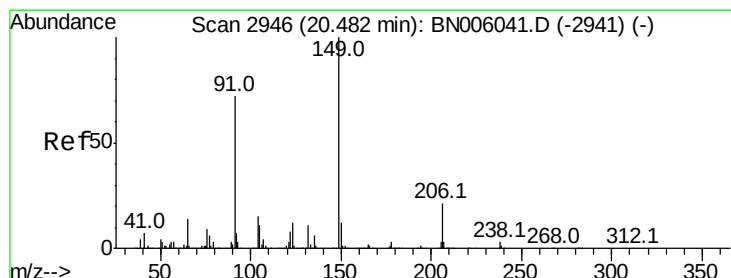
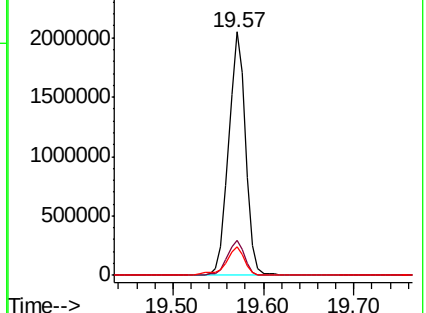
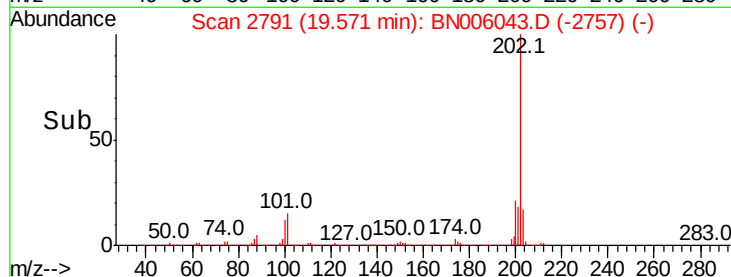
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.6	17.4
100	11.7	9.4	14.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Butylbenzylphthalate

Concen: 17.839 ng/ul

RT: 20.48 min Scan# 2945

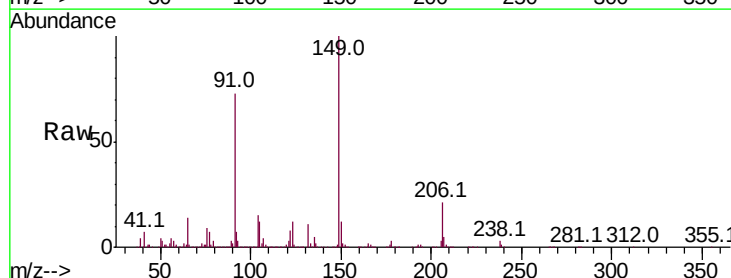
Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Tgt Ion:149 Resp: 760446

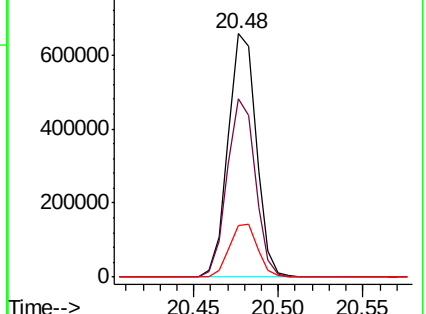
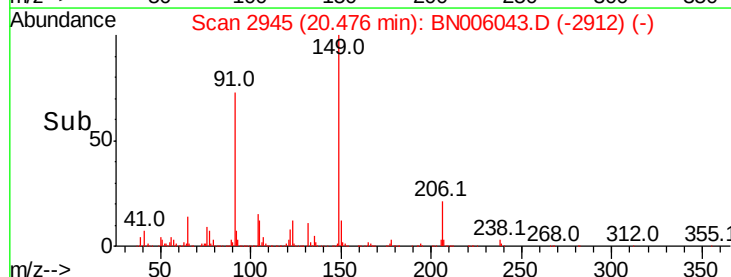
Ion	Ratio	Lower	Upper
149	100		
91	73.1	57.0	85.6
206	21.4	17.4	26.2

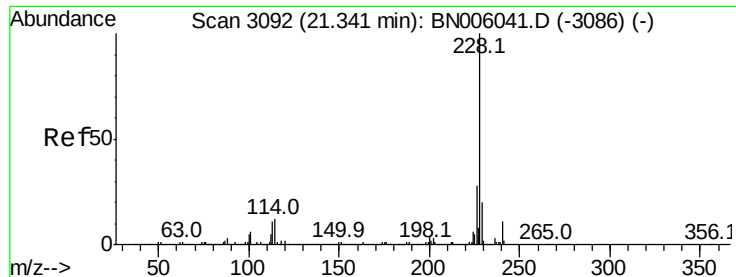


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 33.086 ng/ul

RT: 21.34 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

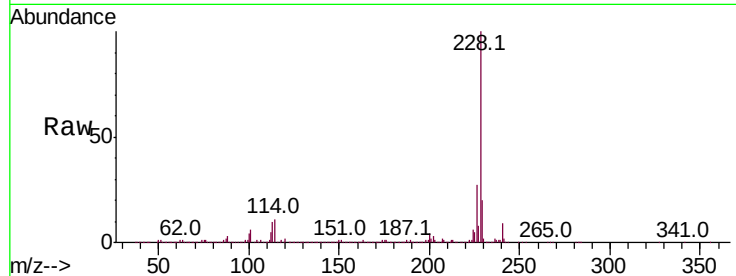
Tot Ion:228 Resp: 2672144

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.8

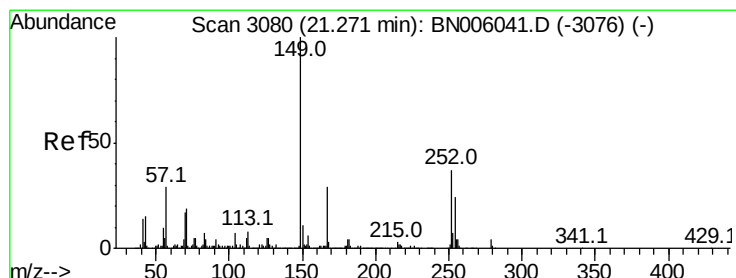
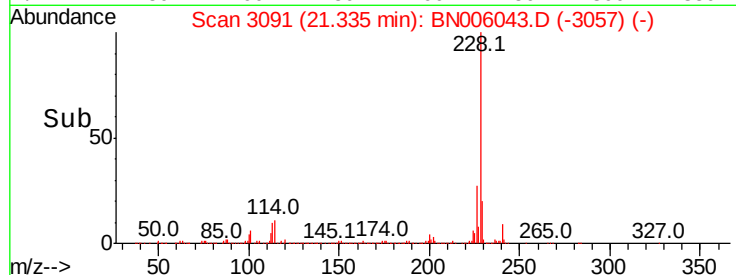
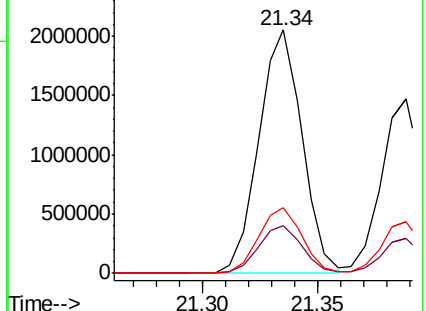
226 26.8 21.6 32.4



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: 23.396 ng/ul

RT: 21.26 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

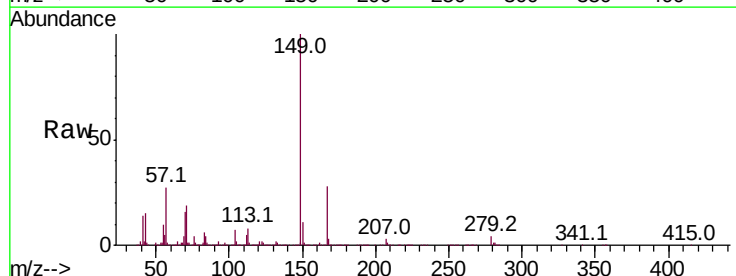
Tgt Ion:149 Resp: 1370686

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

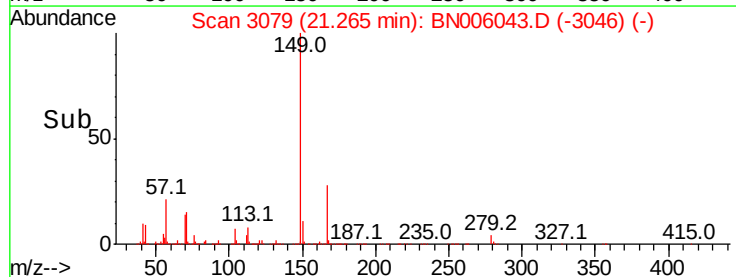
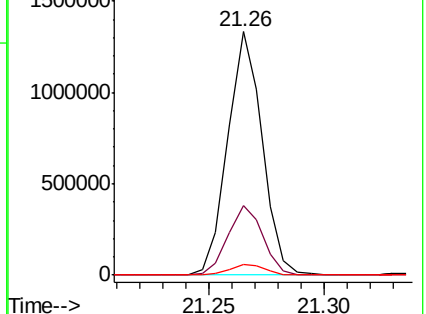
279 4.2 3.6 5.4

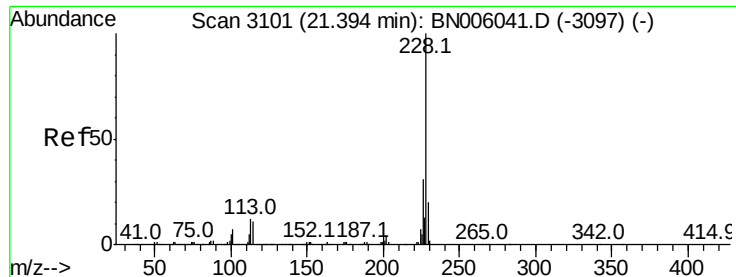


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 24.647 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

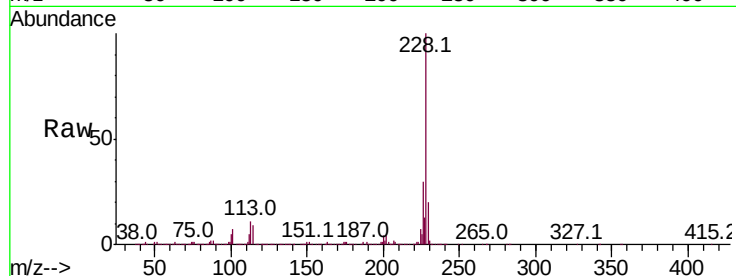
BNA_N

ClientSampleId :

A42E9

Tot Ion:228 Resp: 1883366

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	20.0	16.3	24.5



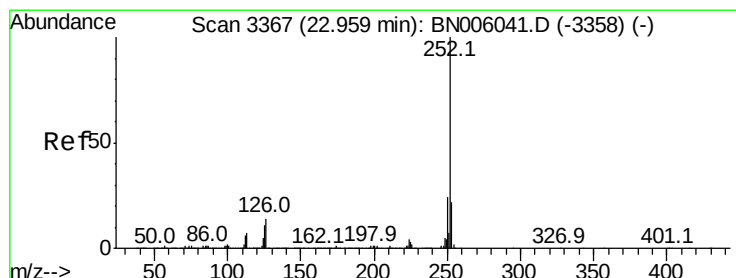
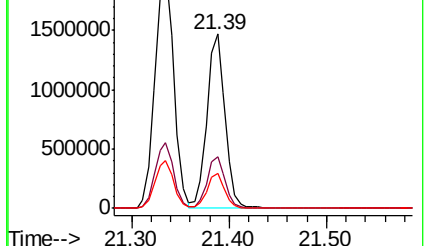
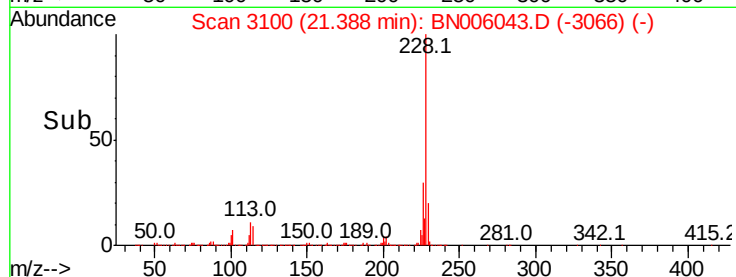
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#87

Benzo(b)fluoranthene

Concen: 24.122 ng/ul

RT: 22.95 min Scan# 3365

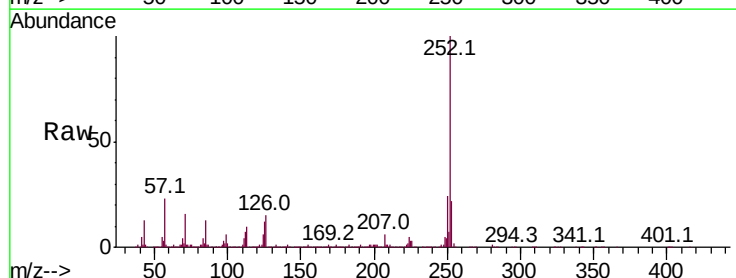
Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Tgt Ion:252 Resp: 1863189

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.7	8.5	12.7



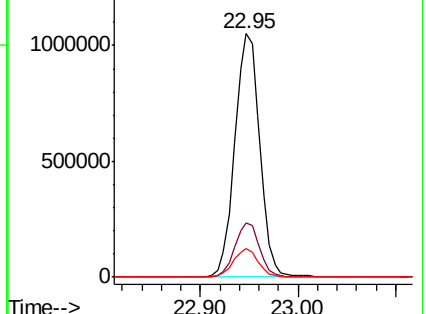
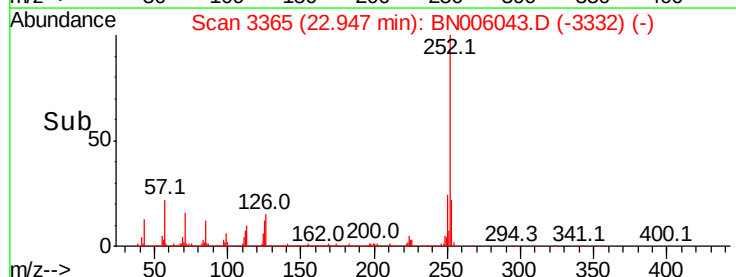
Abundance

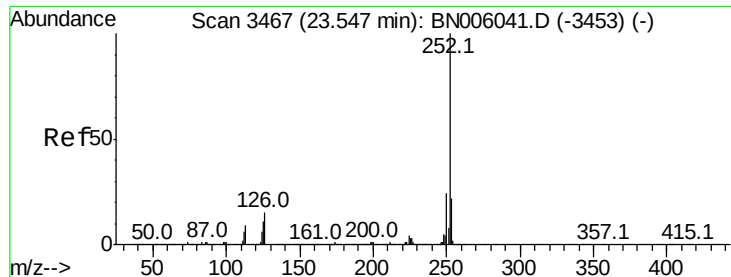
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#90

Benzo(a)pyrene

Concen: 22.696 ng/ul

RT: 23.54 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampled :

A42E9

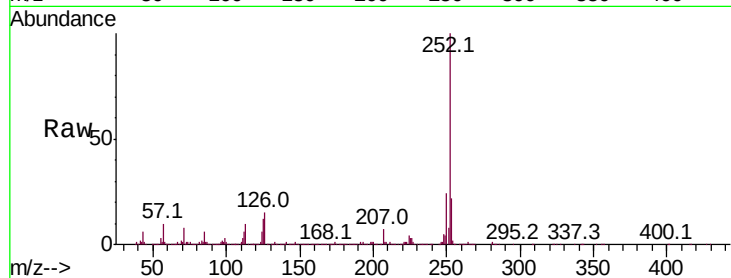
Tot Ion:252 Resp: 1666789

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

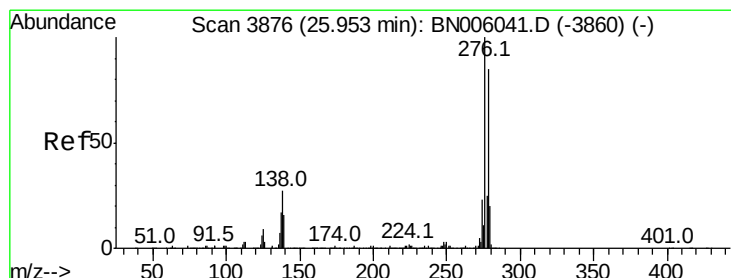
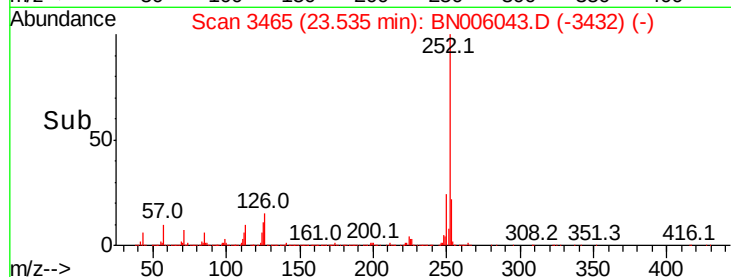
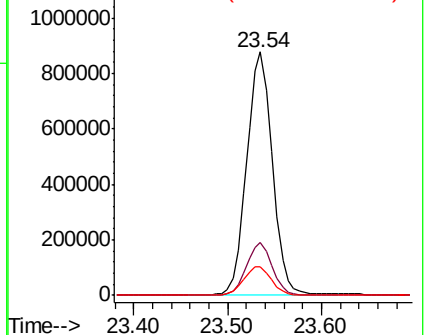
125 11.5 9.2 13.8



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 25.862 ng/ul

RT: 25.93 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

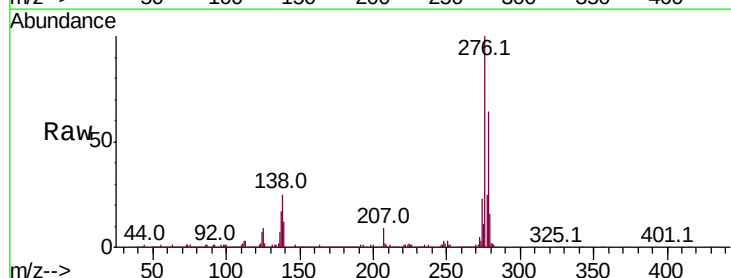
Tgt Ion:276 Resp: 2186564

Ion Ratio Lower Upper

276 100

138 25.4 21.4 32.2

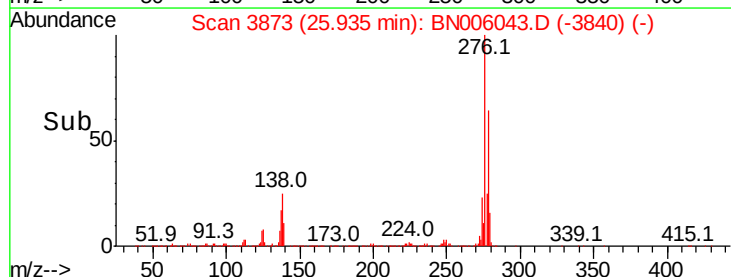
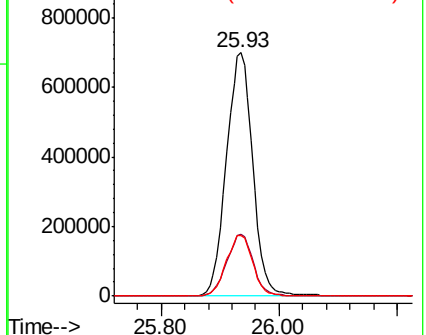
277 24.9 20.2 30.2

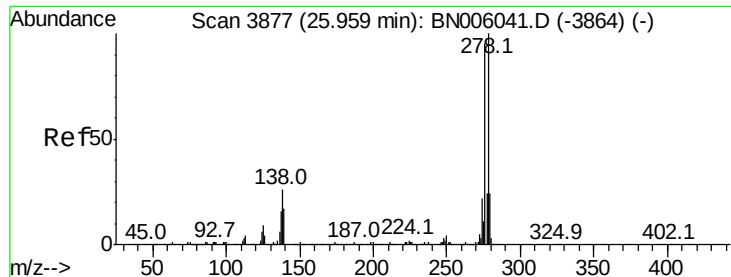


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.090 ng/ul

RT: 25.95 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BN006043.D

Acq: 03 Jun 2019 18:55

Instrument :

BNA_N

ClientSampleId :

A42E9

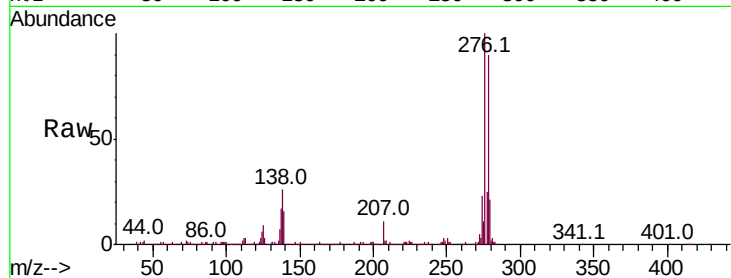
Tot Ion:278 Resp: 1432115

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.2

279 23.3 19.4 29.0



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

