

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006429.D
 Acq On : 20 Jun 2019 14:24
 Operator : JU/SJ
 Sample : K3335-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41S1

Quant Time: Jun 20 15:02:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 07:11:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	215846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1007540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	616599	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1411151	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1360298	20.00	ng/ul	0.02
85) Perylene-d12	23.52	264	1542944	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	25974	4.70	ng/uL	0.00
5) Phenol-d5	6.81	99	595808	25.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	368475	25.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	434120	25.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	450070	24.69	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	215121	26.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	236093	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	450692	26.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	565178	29.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1585519	29.34	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1895435	28.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	272563	29.52	ng/ul	0.00
57) Fluorene-d10	15.29	176	1342766	29.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	230869	25.85	ng/ul	0.00
70) Anthracene-d10	17.15	188	2110368	29.70	ng/ul	0.00
78) Pyrene-d10	19.46	212	2426999	30.54	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.38	264	2619268	30.05	ng/ul	0.04

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.17	88	128994	23.042	ng/uL 94
4) Benzaldehyde	6.78	77	444315	47.861	ng/ul 99
6) Phenol	6.83	94	805892	36.370	ng/ul 100
10) 2-Chlorophenol	7.19	128	377212	23.231	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	368183	25.059	ng/ul 99
20) Nitrobenzene	8.83	77	401122	20.604	ng/ul 98
23) 2-Nitrophenol	9.53	139	210397	23.788	ng/ul 99
27) 2,4-Dichlorophenol	10.06	162	387681	25.116	ng/ul 99
28) Naphthalene	10.46	128	892360	16.824	ng/ul 100
31) Hexachlorobutadiene	10.75	225	216845	24.181	ng/ul 100
33) 4-Chloro-3-methylphenol	11.71	107	783113	42.177	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	354890	19.405	ng/ul 97
38) 2,4,6-Trichlorophenol	12.71	196	470261	39.566	ng/ul 98
40) 1,1'-Biphenyl	13.11	154	1288745	26.416	ng/ul 99
41) 2-Chloronaphthalene	13.15	162	610448	16.135	ng/ul 99
44) Dimethylphthalate	13.75	163	1281488	25.722	ng/ul 99
45) 2,6-Dinitrotoluene	13.88	165	251682	25.922	ng/ul 99
49) Acenaphthene	14.35	153	927521	22.174	ng/ul 100
52) 4-Nitrophenol	14.52	109	178720	27.668	ng/ul 99
53) Dibenzofuran	14.69	168	1070389	18.467	ng/ul 99
55) 2,3,4,6-Tetrachlorophenol	14.92	232	272099	24.721	ng/ul 100
59) 4-Chlorophenyl-phenylether	15.33	204	397764	17.327	ng/ul 97
63) 4,6-Dinitro-2-methylphenol	15.44	198	391920	44.855	ng/ul 99

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

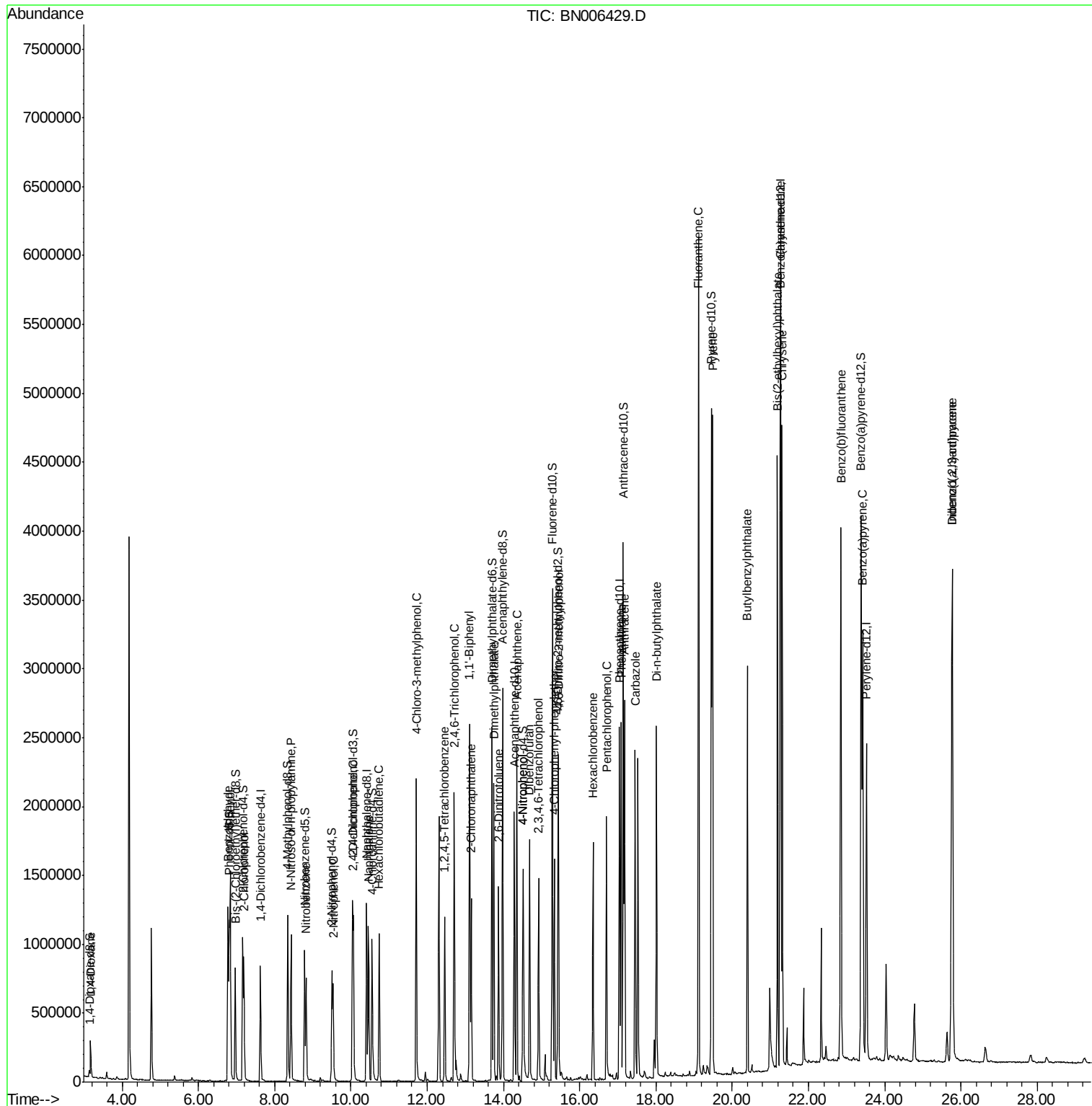
66) Hexachlorobenzene	16.35	284	318900	19.679	ng/ul	98
68) Pentachlorophenol	16.70	266	313955	39.753	ng/ul	96
69) Phenanthrene	17.09	178	1443886	18.551	ng/ul	100
71) Anthracene	17.18	178	1679482	21.257	ng/ul	100
74) Carbazole	17.45	167	1444731	21.187	ng/ul	100
75) Di-n-butylphthalate	18.02	149	1754913	20.161	ng/ul	100
76) Fluoranthene	19.12	202	3653664	43.557	ng/ul	98
79) Pyrene	19.49	202	2692523	29.072	ng/ul	100
80) Butylbenzylphthalate	20.40	149	780942	18.806	ng/ul	98
82) Benzo(a)anthracene	21.26	228	3197113	34.386	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1442696	24.227	ng/ul	100
84) Chrysene	21.31	228	2223177	25.124	ng/ul	99
87) Benzo(b)fluoranthene	22.85	252	2380243	25.704	ng/ul	100
90) Benzo(a)pyrene	23.42	252	2112027	23.786	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.77	276	2581175	24.563	ng/ul	99
92) Dibenzo(a,h)anthracene	25.77	278	1678672	19.291	ng/ul	99

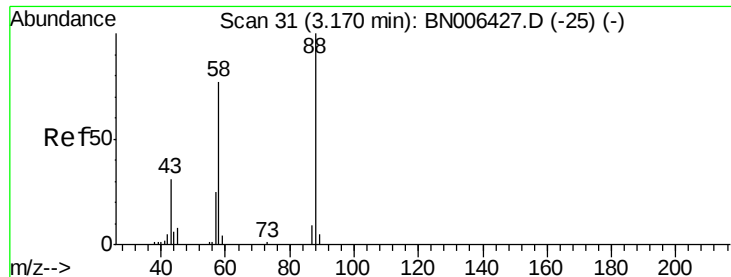
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 23.042 ng/uL

RT: 3.17 min Scan# 31

Delta R.T. 0.00 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A41S1

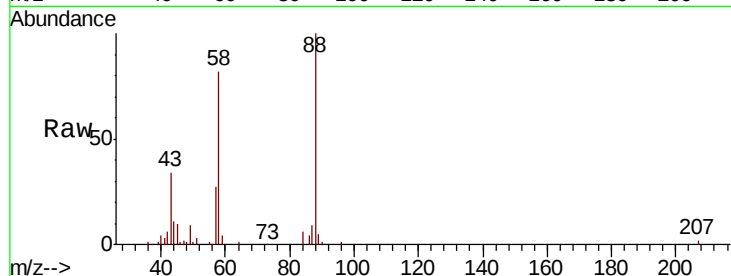
Tot Ion: 88 Resp: 128994

Ion Ratio Lower Upper

88 100

43 34.4 27.8 41.6

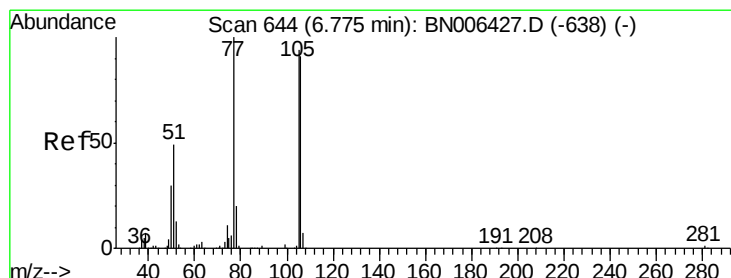
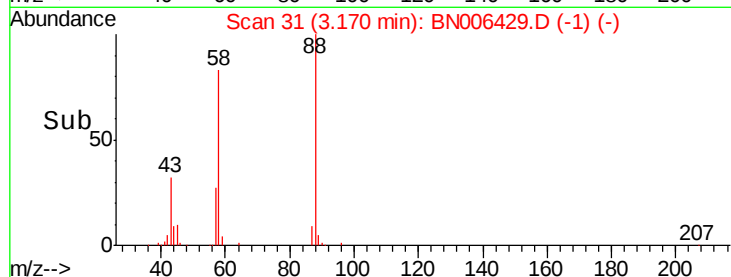
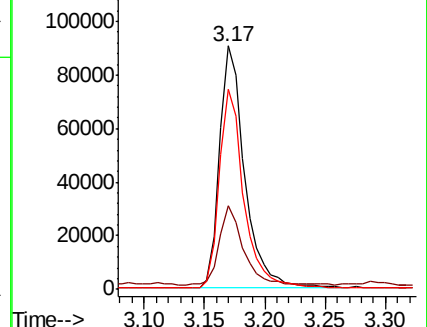
58 82.4 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): BN006429.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN006429.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN006429.D (-1) (-)



#4

Benzaldehyde

Concen: 47.861 ng/uL

RT: 6.78 min Scan# 644

Delta R.T. 0.00 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

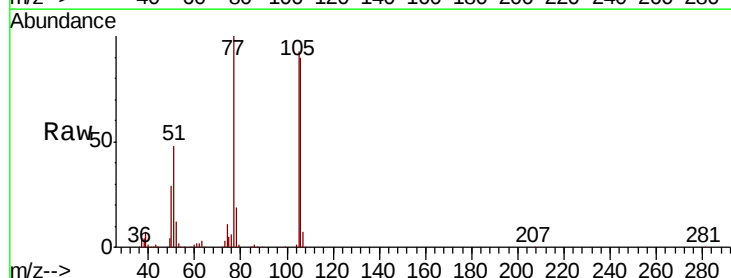
Tgt Ion: 77 Resp: 444315

Ion Ratio Lower Upper

77 100

105 93.4 74.1 111.1

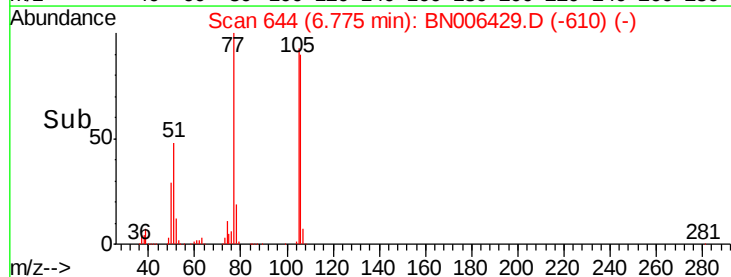
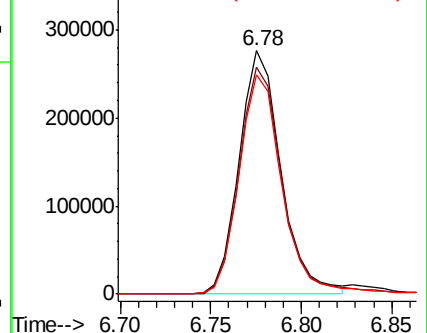
106 90.1 72.7 109.1

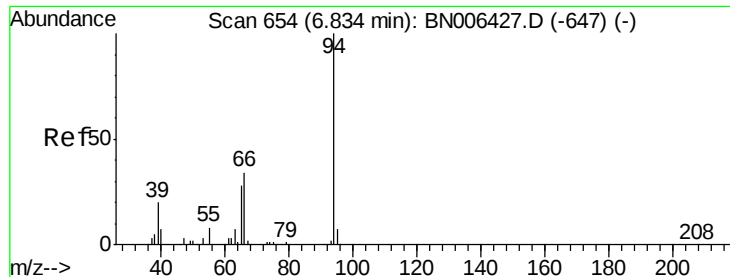


Abundance Ion 77.00 (76.70 to 77.70): BN006429.D (-610) (-)

Ion 105.00 (104.70 to 105.70): BN006429.D (-610) (-)

Ion 106.00 (105.70 to 106.70): BN006429.D (-610) (-)





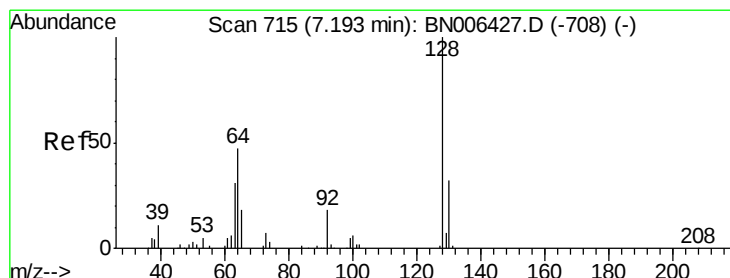
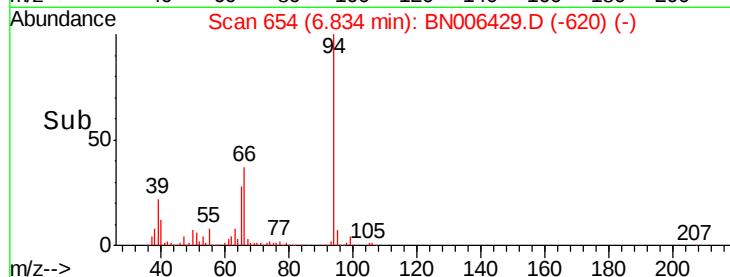
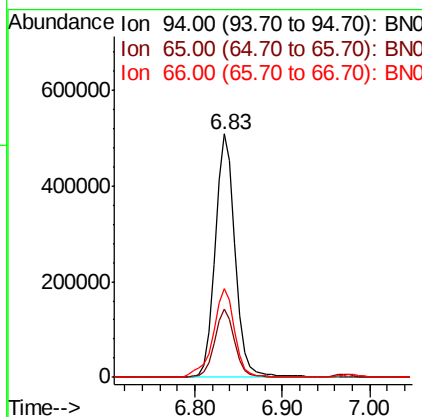
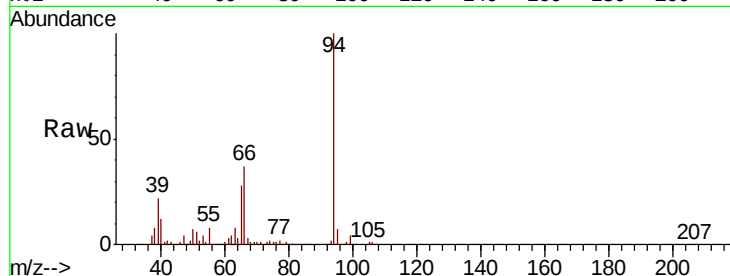
#6

Phenol

Concen: 36.370 ng/ul
 RT: 6.83 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
94	100		
65	28.1	22.5	33.7
66	36.6	29.5	44.3

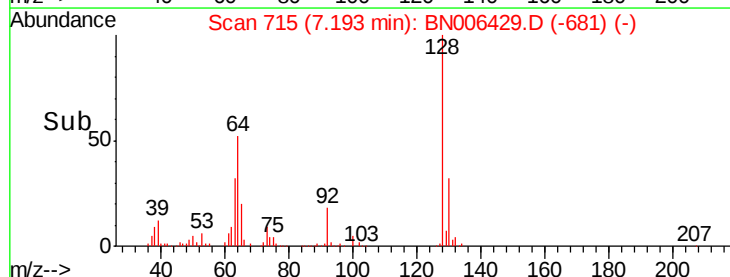
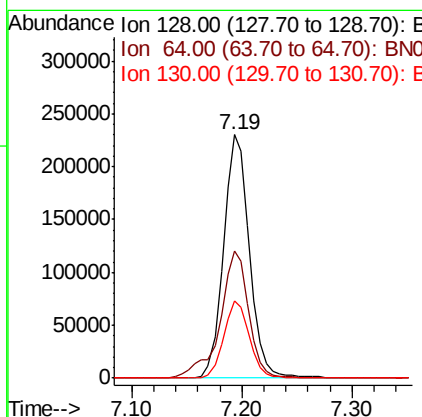
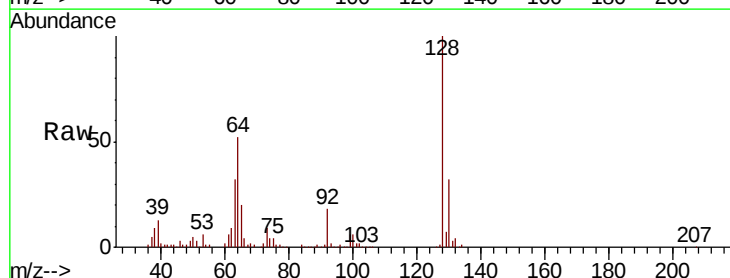


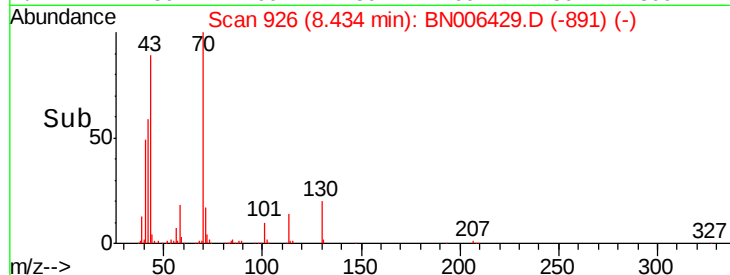
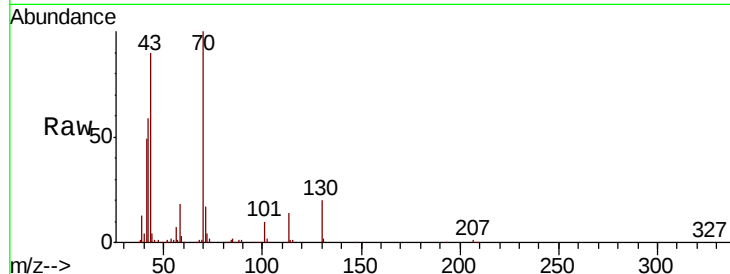
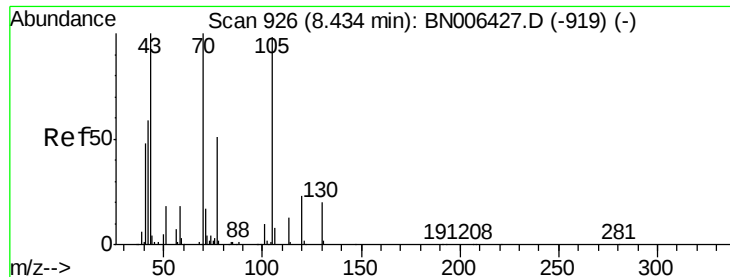
#10

2-Chlorophenol

Concen: 23.231 ng/ul
 RT: 7.19 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion	Ratio	Lower	Upper
128	100		
64	52.4	42.4	63.6
130	31.6	26.6	39.8

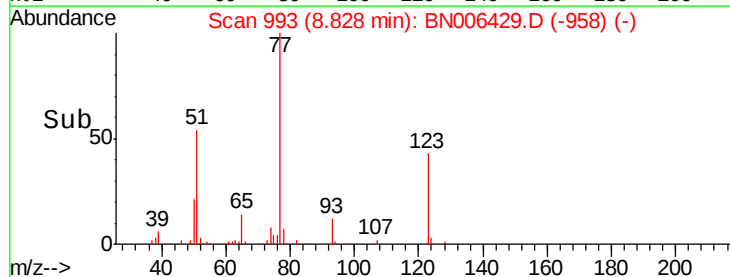
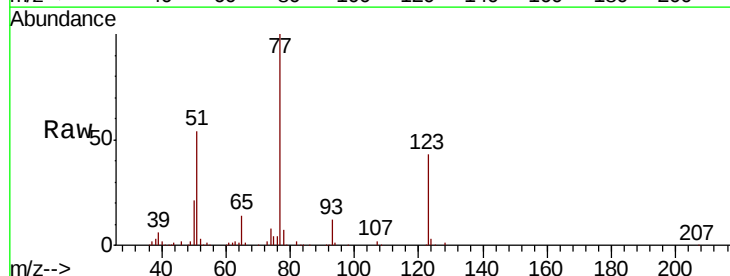
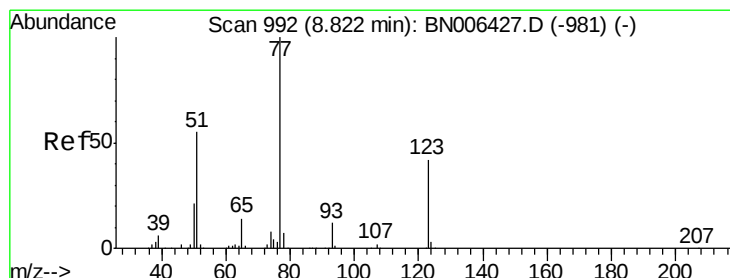
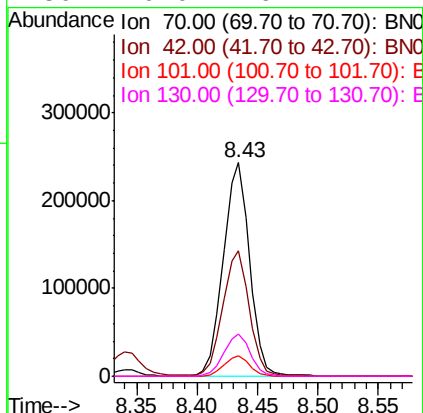




#15
N-Nitroso-di-n-propylamine
Concen: 25.059 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BN006429.D
Acq: 20 Jun 2019 14:24

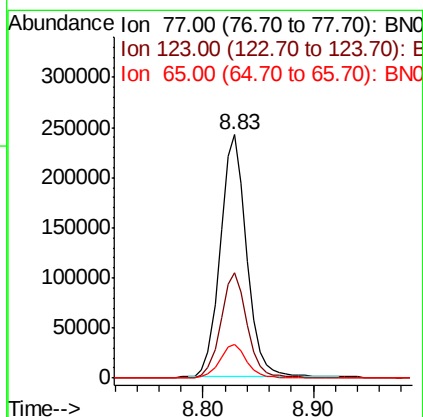
Instrument :
BNA_N
ClientSampleId :
A41S1

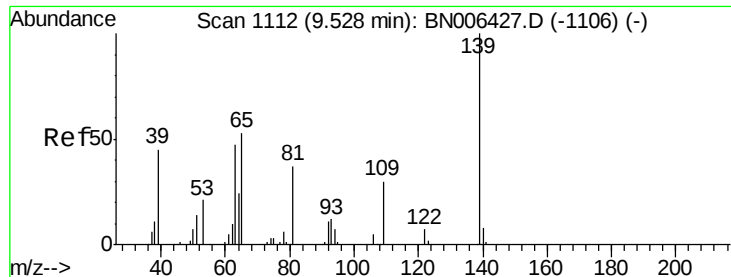
Tot Ion: 70 Resp: 368183
Ion Ratio Lower Upper
70 100
42 58.6 48.0 72.0
101 9.6 7.4 11.0
130 20.0 16.1 24.1



#20
Nitrobenzene
Concen: 20.604 ng/ul
RT: 8.83 min Scan# 993
Delta R.T. 0.01 min
Lab File: BN006429.D
Acq: 20 Jun 2019 14:24

Tgt Ion: 77 Resp: 401122
Ion Ratio Lower Upper
77 100
123 43.4 33.7 50.5
65 13.8 10.6 15.8





#23

2-Nitrophenol

Concen: 23.788 ng/ul

RT: 9.53 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A41S1

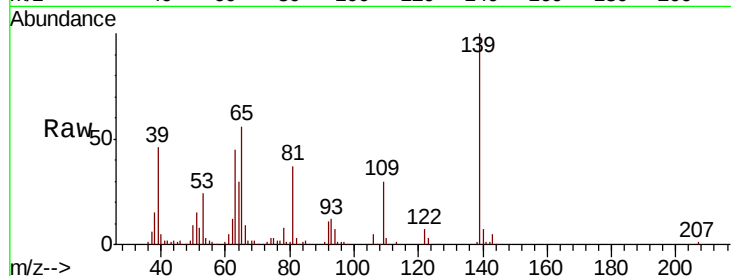
Tot Ion:139 Resp: 210397

Ion Ratio Lower Upper

139 100

65 55.6 44.1 66.1

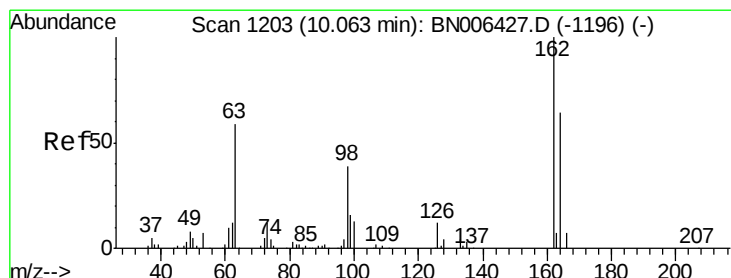
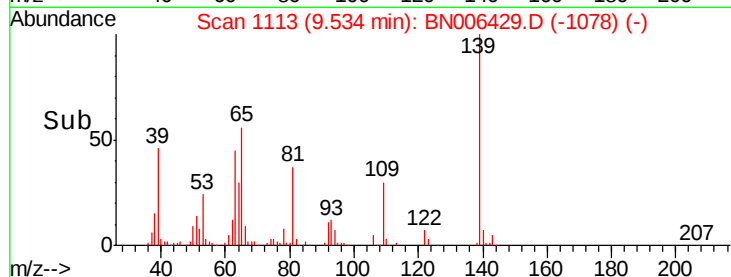
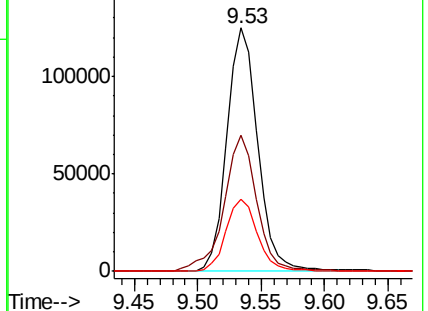
109 29.8 23.8 35.6



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: 25.116 ng/ul

RT: 10.06 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

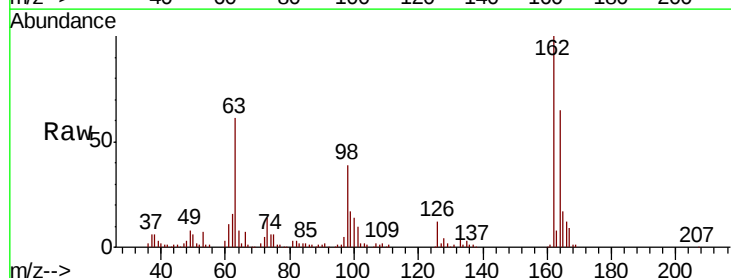
Tgt Ion:162 Resp: 387681

Ion Ratio Lower Upper

162 100

164 65.1 52.6 79.0

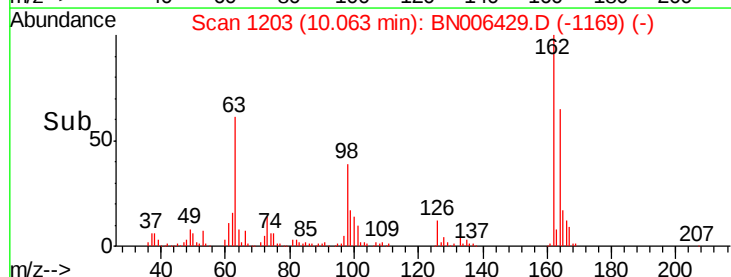
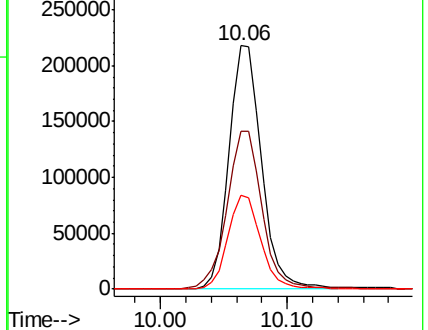
98 38.8 30.9 46.3

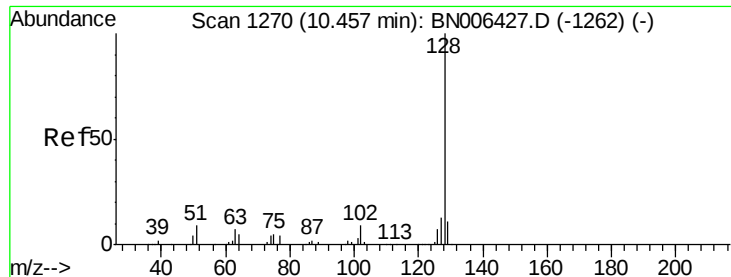


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO





#28

Naphthalene

Concen: 16.824 ng/ul

RT: 10.46 min Scan# 1271

Delta R.T. 0.01 min

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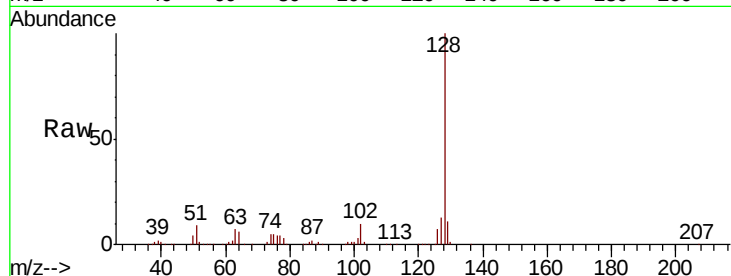
Tot Ion:128 Resp: 892360

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

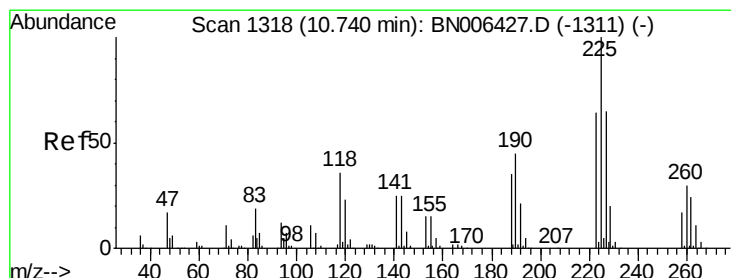
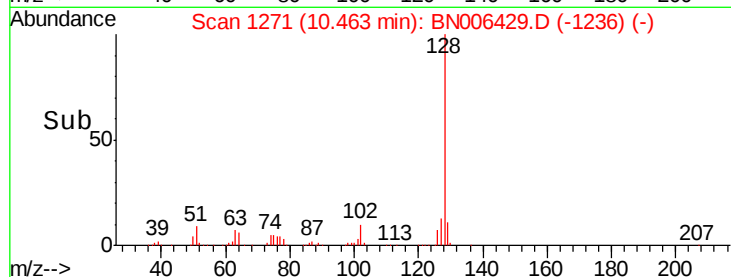
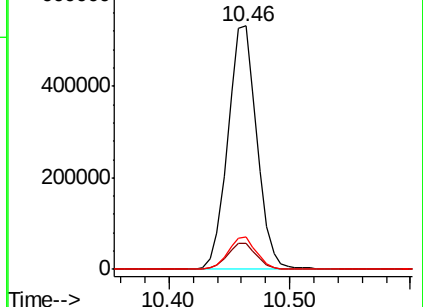
127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#31

Hexachlorobutadiene

Concen: 24.181 ng/ul

RT: 10.75 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

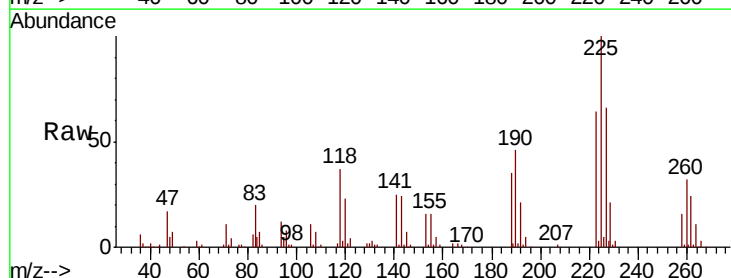
Tgt Ion:225 Resp: 216845

Ion Ratio Lower Upper

225 100

223 63.8 51.3 76.9

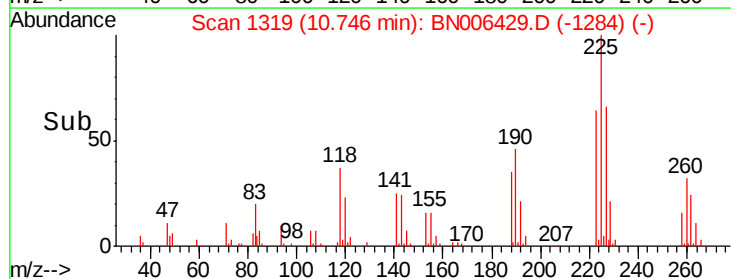
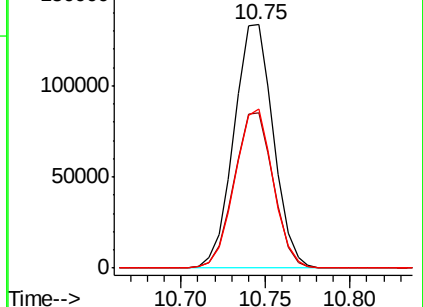
227 65.6 52.1 78.1

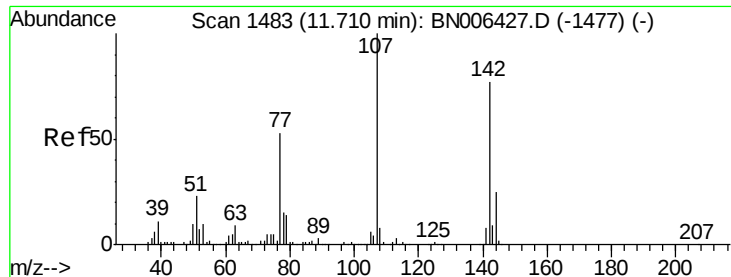


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

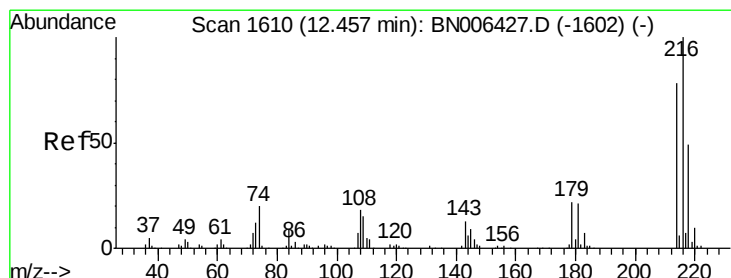
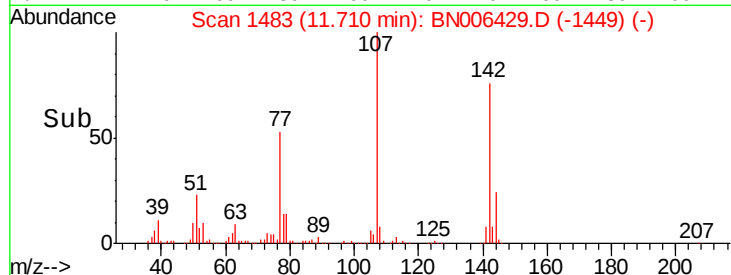
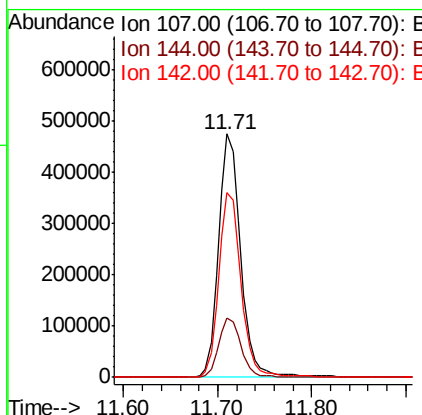
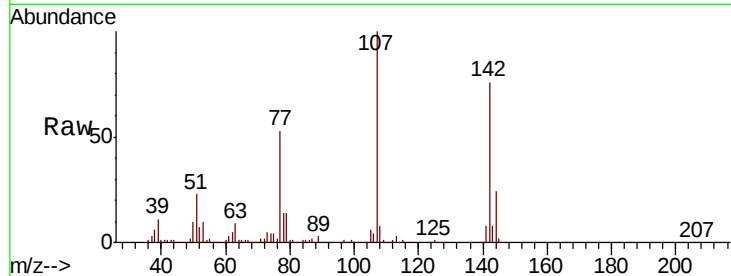




#33
 4-Chloro-3-methylphenol
 Concen: 42.177 ng/ul
 RT: 11.71 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

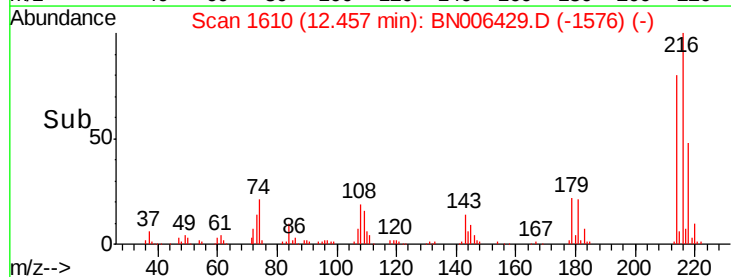
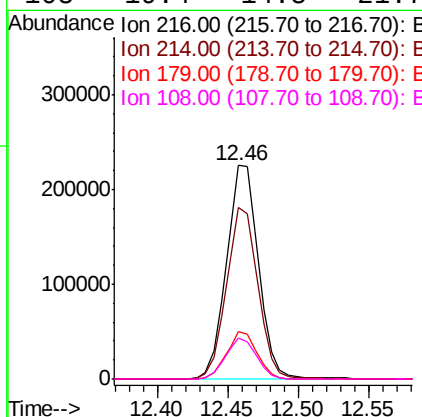
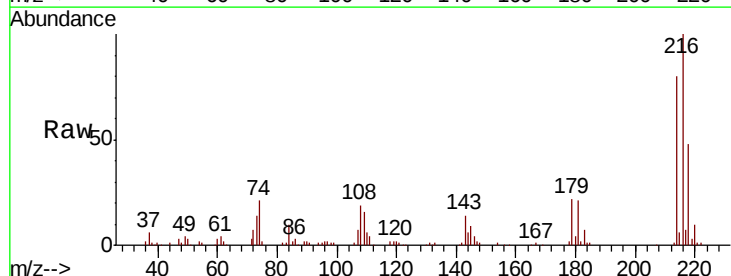
Instrument :
 BNA_N
 ClientSampleId :
 A41S1

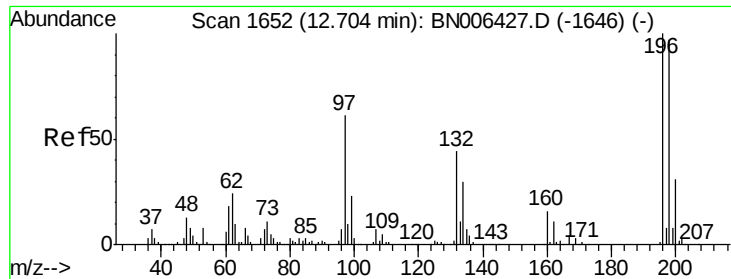
Tot Ion:107 Resp: 783113
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.7 31.1
 142 76.1 60.8 91.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.405 ng/ul
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion:216 Resp: 354890
 Ion Ratio Lower Upper
 216 100
 214 80.0 61.4 92.0
 179 22.0 16.9 25.3
 108 19.4 14.5 21.7

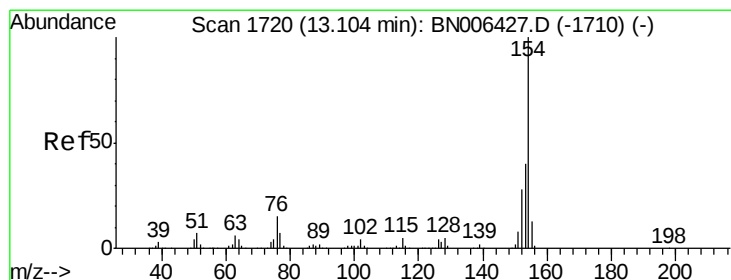
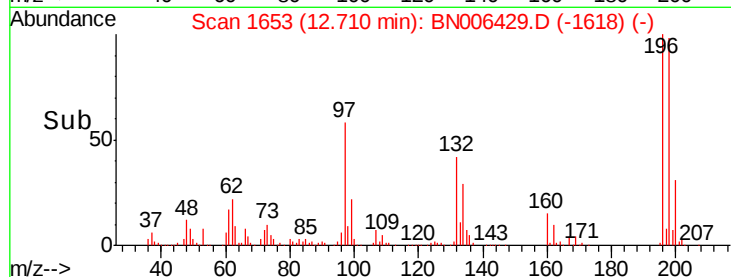
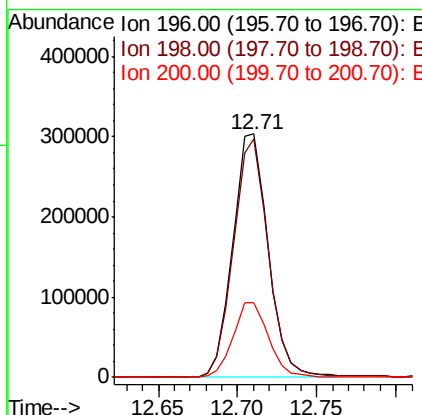
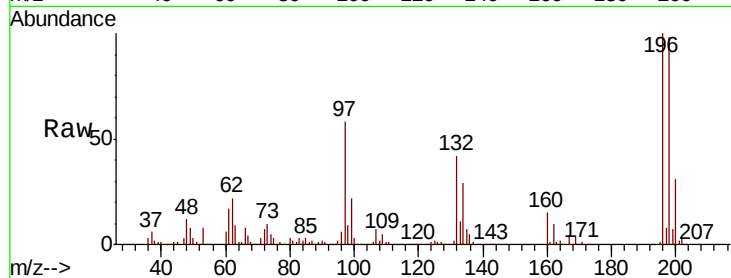




#38
 2,4,6-Trichlorophenol
 Concen: 39.566 ng/ul
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

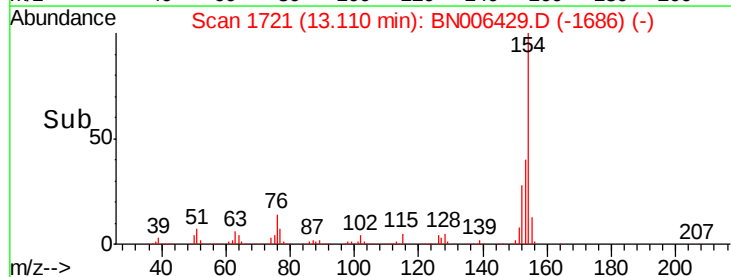
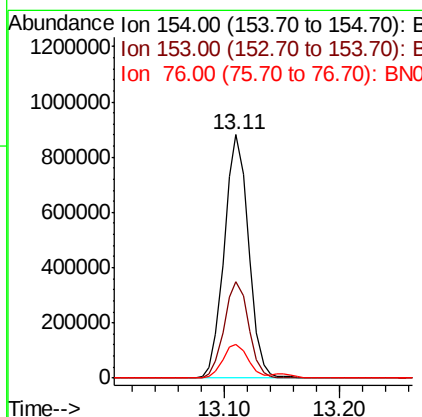
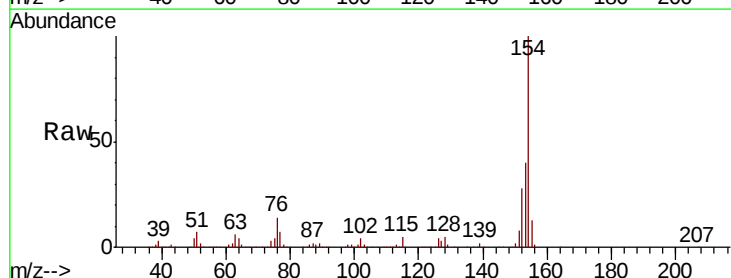
Instrument :
 BNA_N
 ClientSampleId :
 A41S1

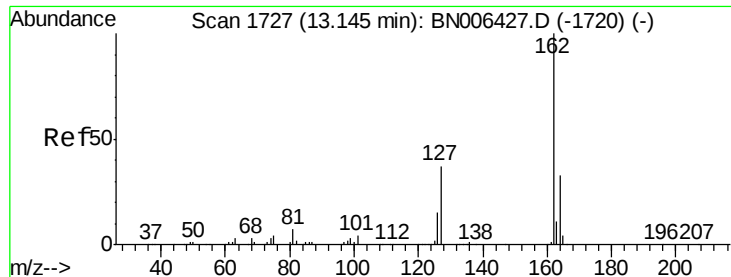
Tot Ion:196 Resp: 470261
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.7 115.1
 200 30.5 24.8 37.2



#40
 1,1'-Biphenyl
 Concen: 26.416 ng/ul
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion:154 Resp: 1288745
 Ion Ratio Lower Upper
 154 100
 153 39.8 32.1 48.1
 76 14.1 11.5 17.3

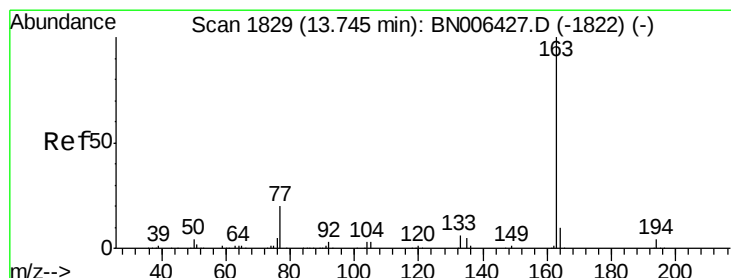
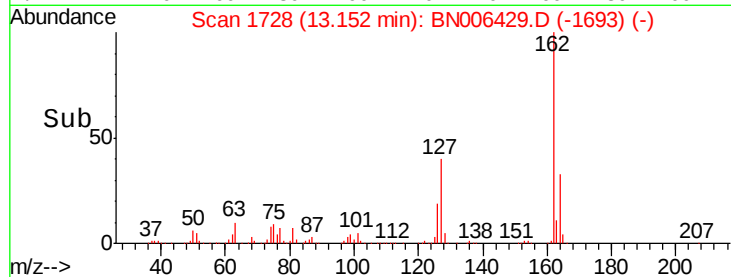
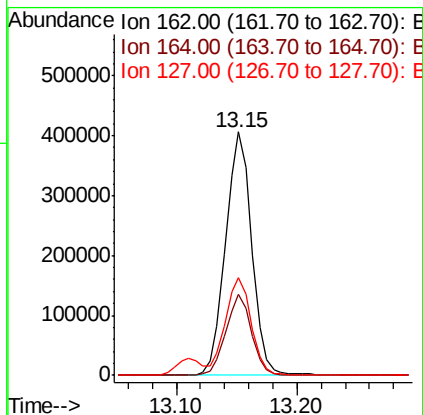
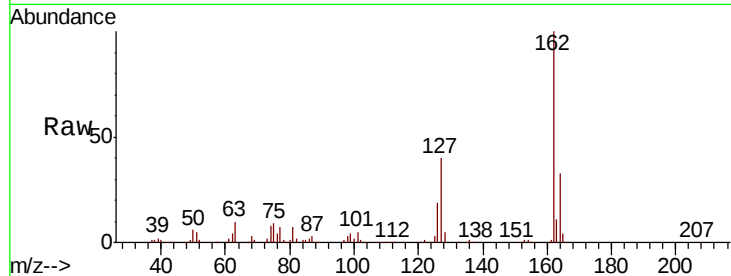




#41
2-Chloronaphthalene
Concen: 16.135 ng/ul
RT: 13.15 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BN006429.D
Acq: 20 Jun 2019 14:24

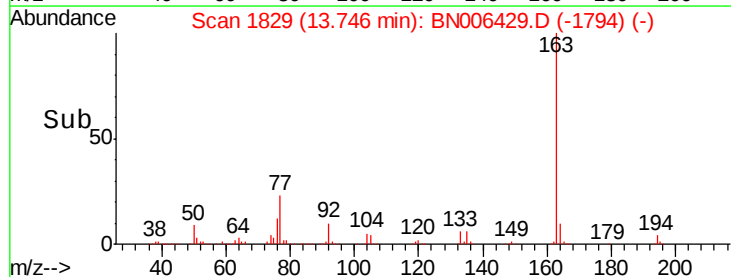
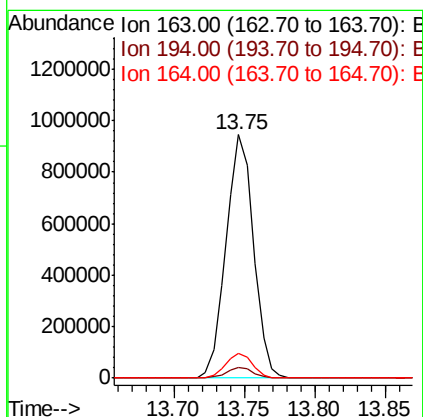
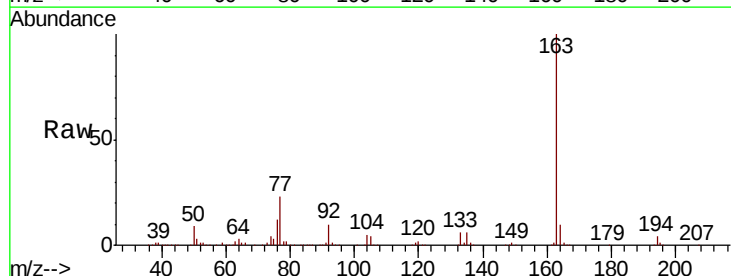
Instrument :
BNA_N
ClientSampled :
A41S1

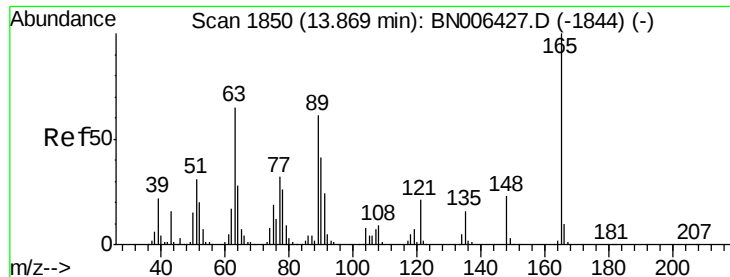
Tot Ion:162 Resp: 610448
Ion Ratio Lower Upper
162 100
164 33.4 26.2 39.4
127 39.9 31.4 47.0



#44
Dimethylphthalate
Concen: 25.722 ng/ul
RT: 13.75 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BN006429.D
Acq: 20 Jun 2019 14:24

Tgt Ion:163 Resp: 1281488
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.0 12.0

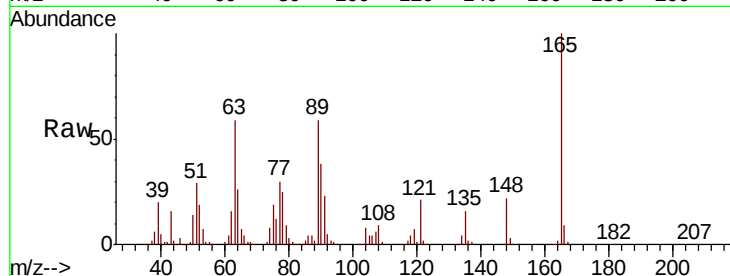




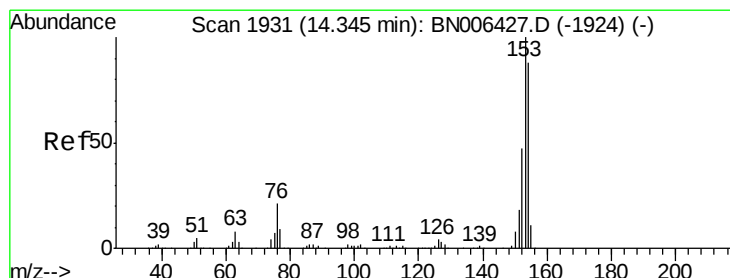
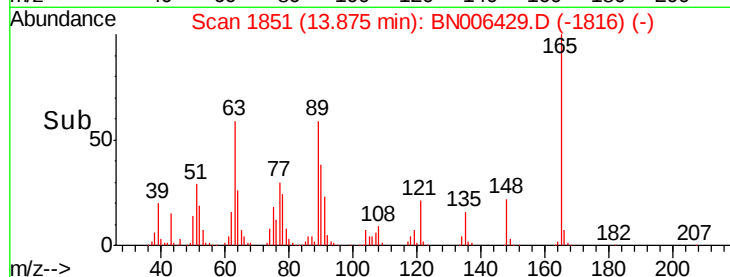
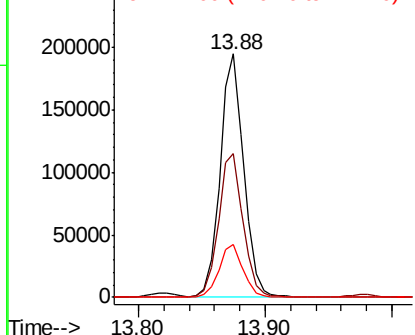
#45
 2,6-Dinitrotoluene
 Concen: 25.922 ng/ul
 RT: 13.88 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Instrument :
 BNA_N
 ClientSampled :
 A41S1

Tot Ion:165 Resp: 251682
 Ion Ratio Lower Upper
 165 100
 89 59.2 48.6 72.8
 121 21.5 17.2 25.8

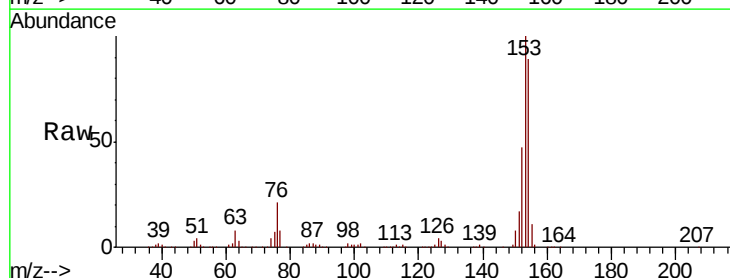


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

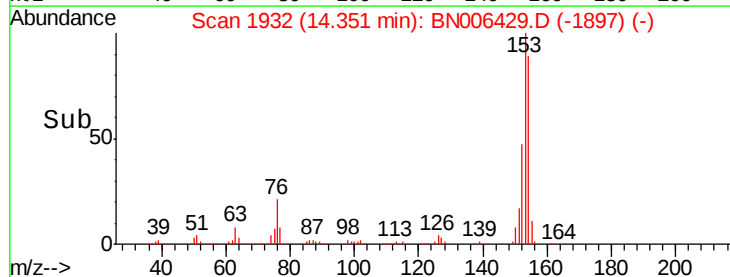
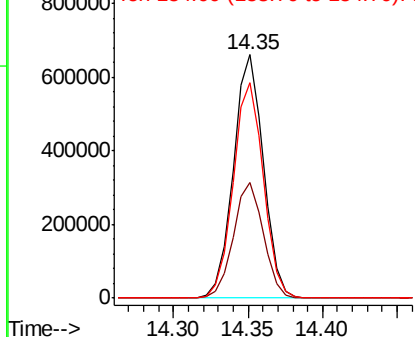


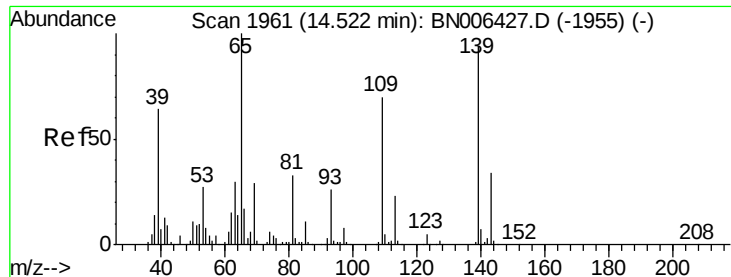
#49
 Acenaphthene
 Concen: 22.174 ng/ul
 RT: 14.35 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion:153 Resp: 927521
 Ion Ratio Lower Upper
 153 100
 152 47.2 37.8 56.6
 154 88.6 71.2 106.8



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





#52

4-Nitrophenol

Concen: 27.668 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampled :

A41S1

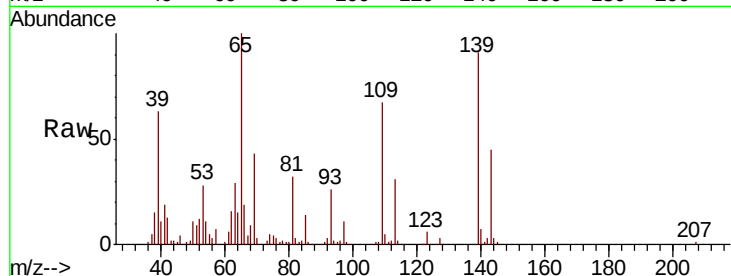
Tot Ion:109 Resp: 178720

Ion Ratio Lower Upper

109 100

139 136.2 109.0 163.4

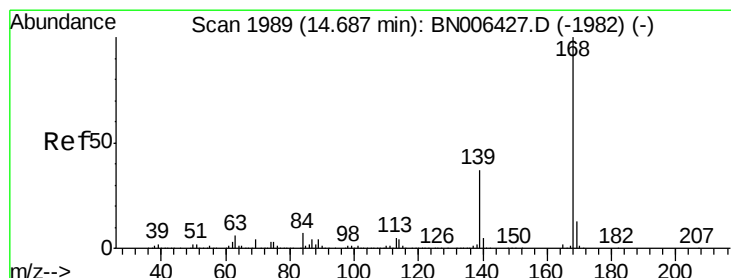
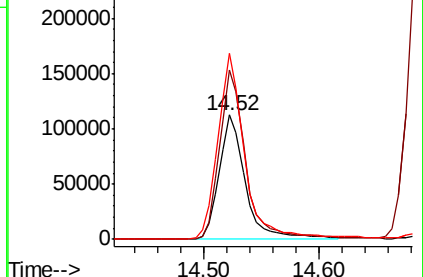
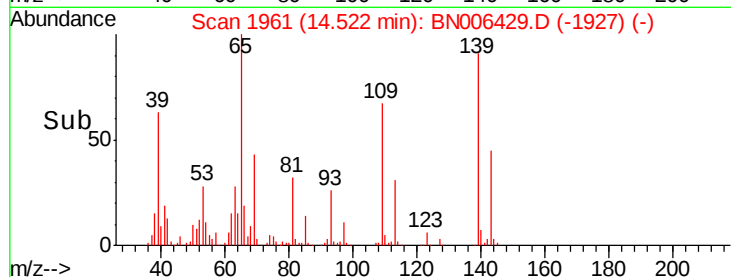
65 149.3 118.1 177.1



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#53

Dibenzofuran

Concen: 18.467 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BN006429.D

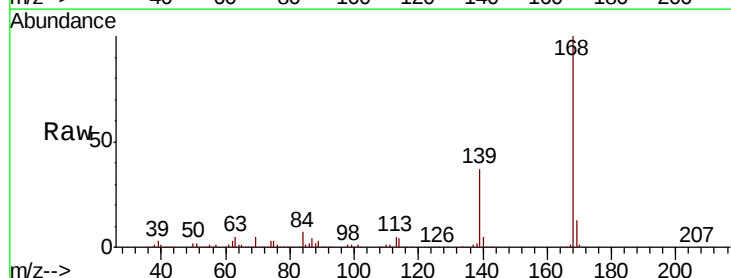
Acq: 20 Jun 2019 14:24

Tgt Ion:168 Resp: 1070389

Ion Ratio Lower Upper

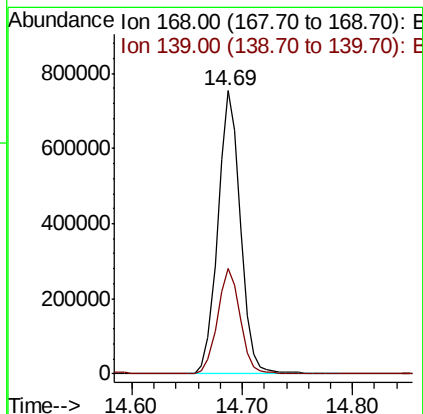
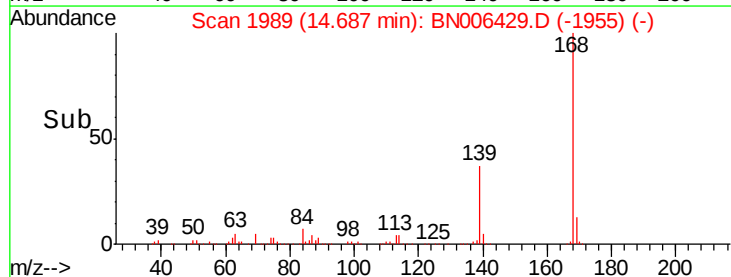
168 100

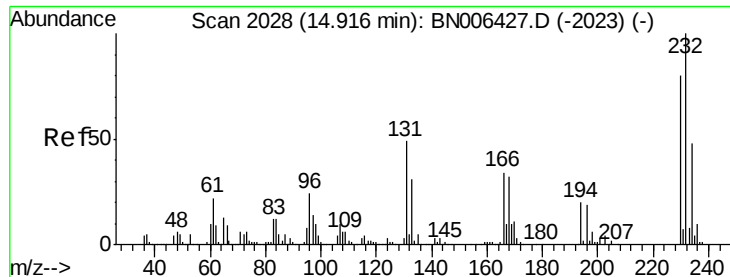
139 37.2 29.4 44.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

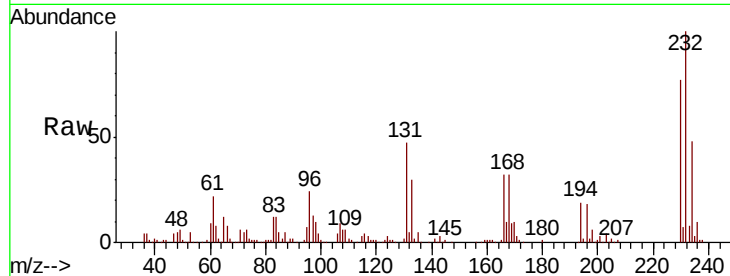




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 24.721 ng/ul
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Instrument :
 BNA_N
 ClientSampleId :
 A41S1

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.8	56.6
130	2.4	2.0	3.0
166	31.6	25.4	38.2



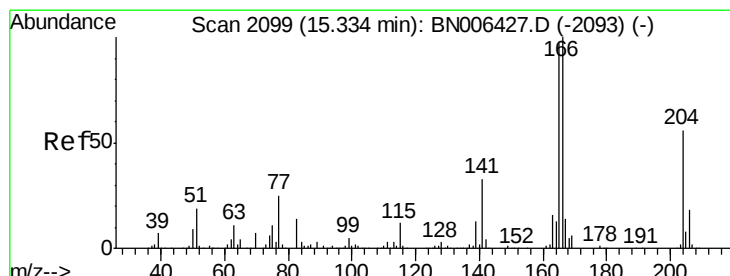
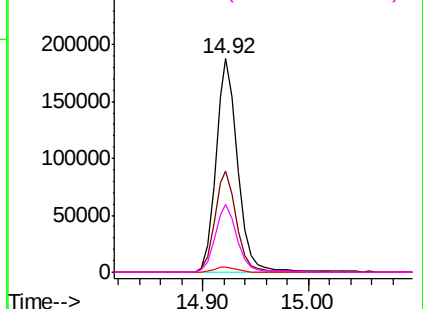
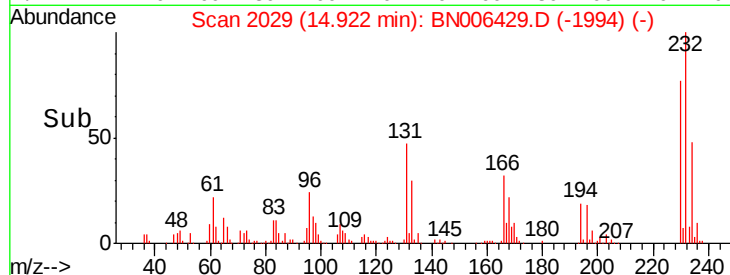
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

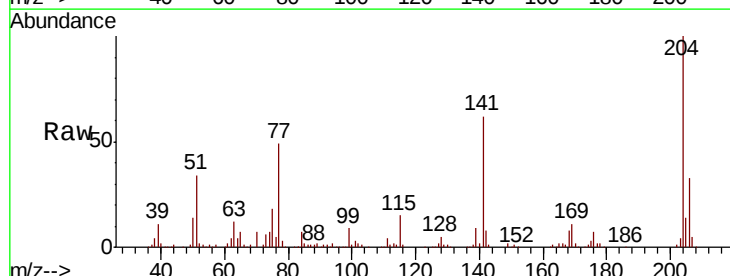
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 4-Chlorophenyl-phenylether
 Concen: 17.327 ng/ul
 RT: 15.33 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	62.5	47.5	71.3

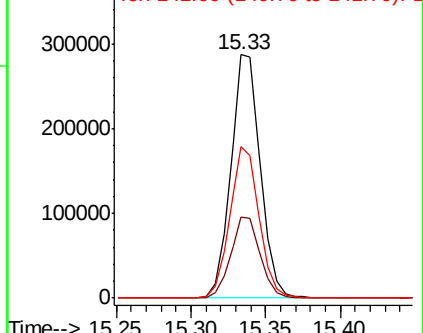
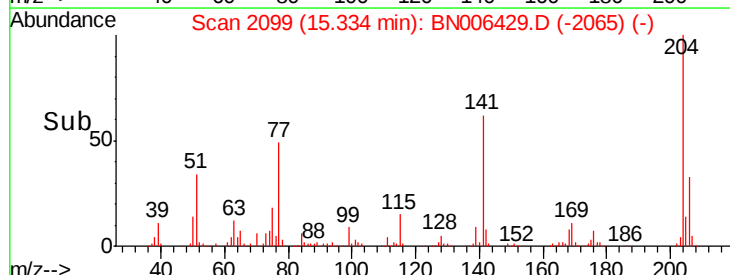


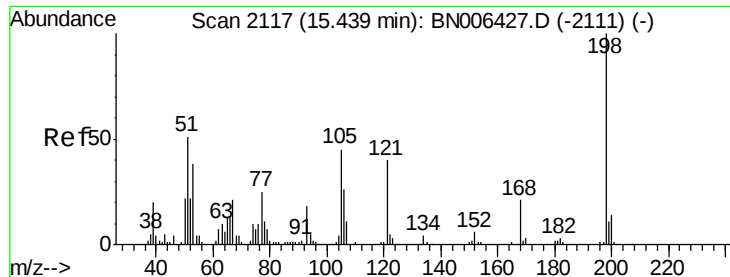
Abundance

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

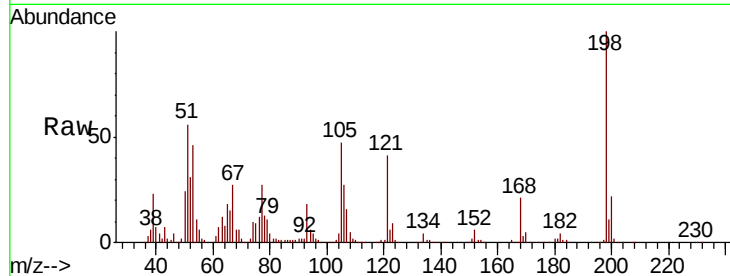




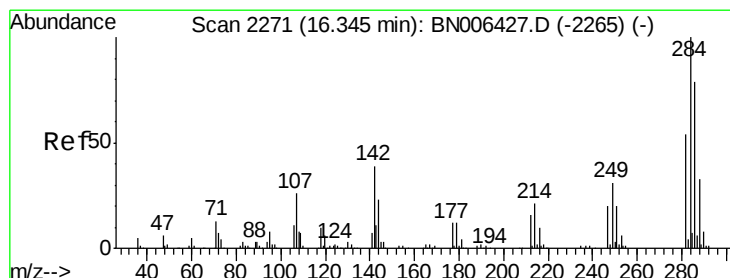
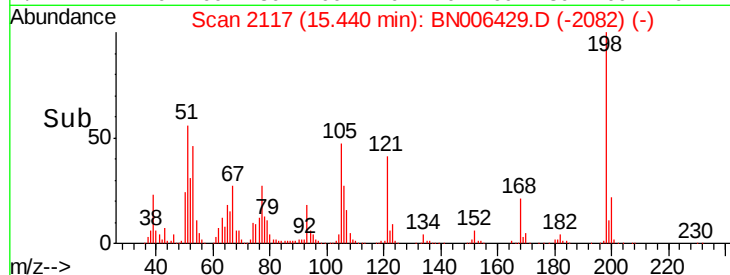
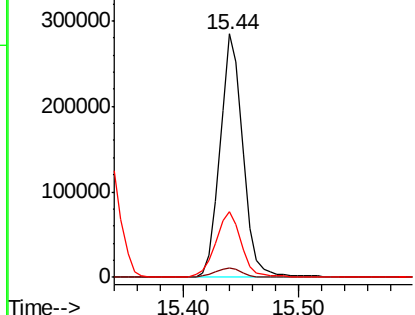
#63
 4,6-Dinitro-2-methylphenol
 Concen: 44.855 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Instrument :
 BNA_N
 ClientSampled :
 A41S1

Tot Ion:198 Resp: 391920
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.0 4.6
 77 27.0 21.3 31.9

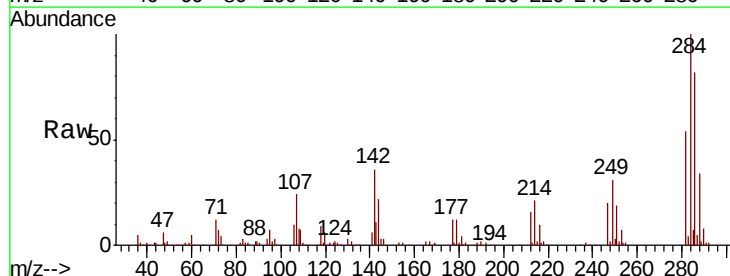


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

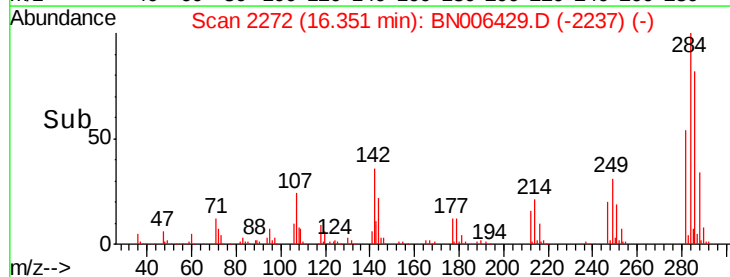
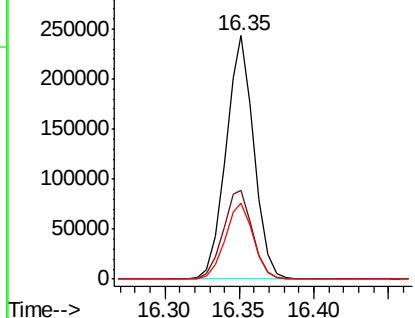


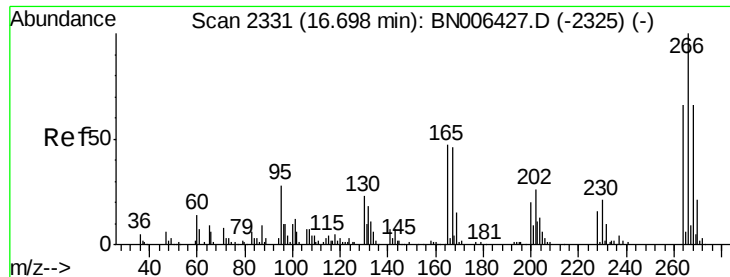
#66
 Hexachlorobenzene
 Concen: 19.679 ng/ul
 RT: 16.35 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion:284 Resp: 318900
 Ion Ratio Lower Upper
 284 100
 142 36.3 30.6 45.8
 249 31.2 24.7 37.1



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

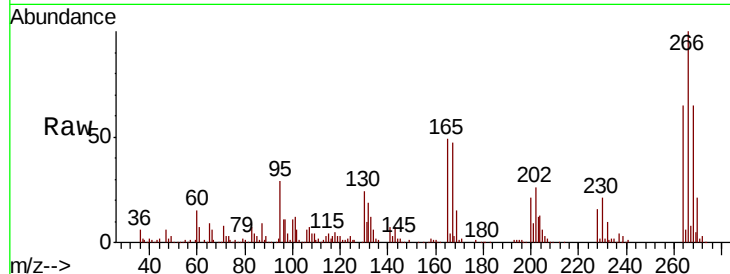




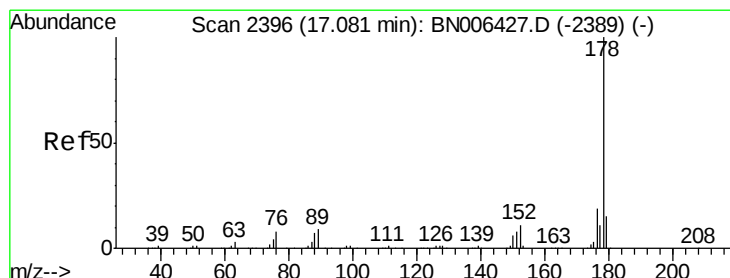
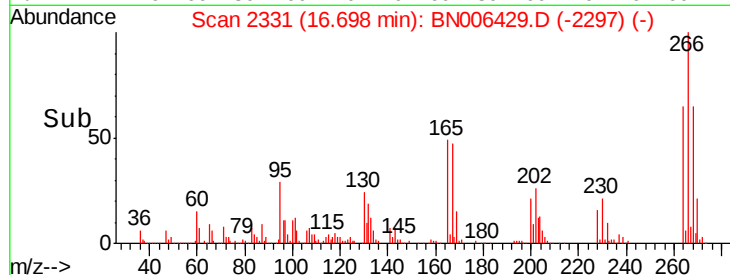
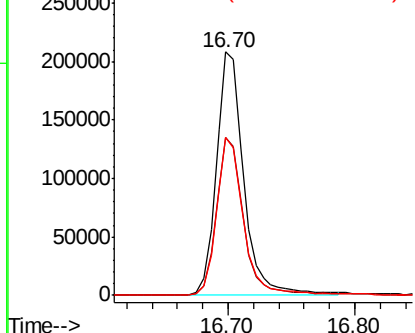
#68
 Pentachlorophenol
 Concen: 39.753 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Instrument :
 BNA_N
 ClientSampled :
 A41S1

Tot Ion:266 Resp: 313955
 Ion Ratio Lower Upper
 266 100
 264 64.8 47.8 71.6
 268 65.1 50.8 76.2

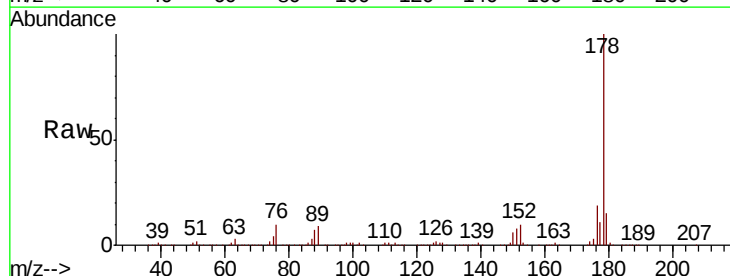


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

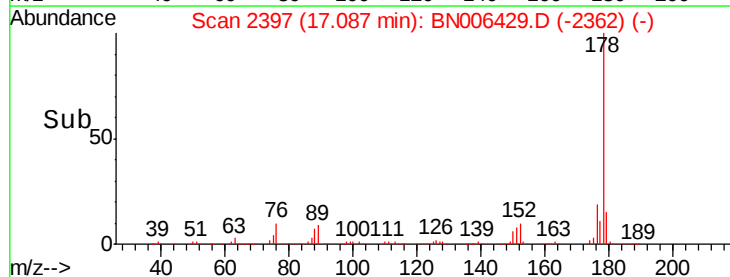
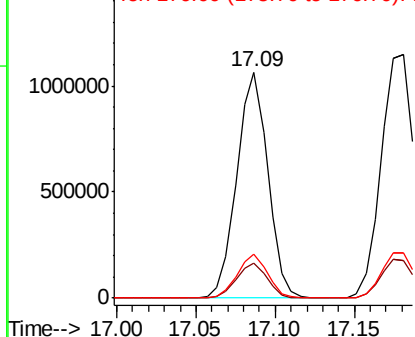


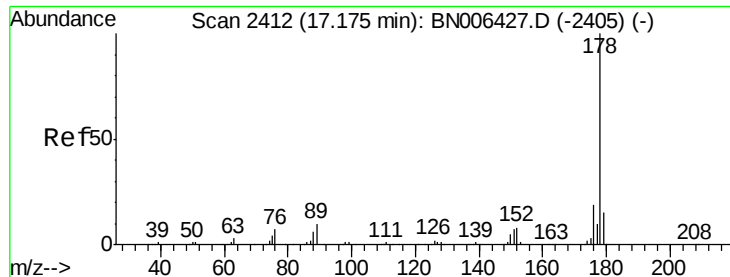
#69
 Phenanthrene
 Concen: 18.551 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion:178 Resp: 1443886
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 19.3 15.3 22.9



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

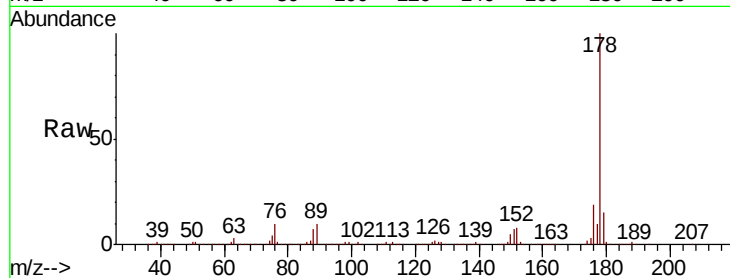




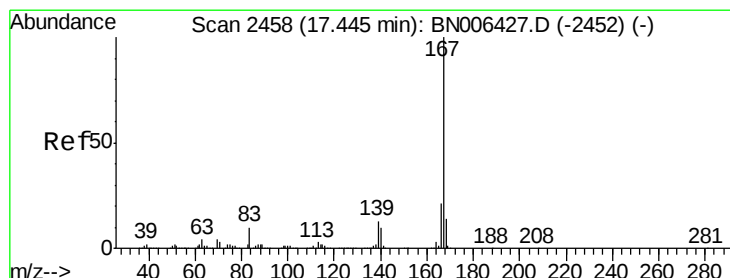
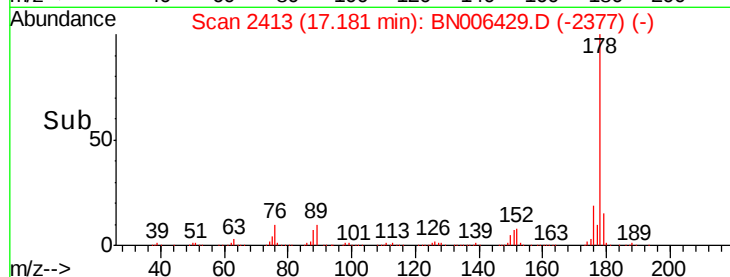
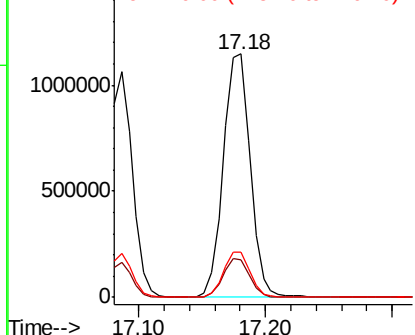
#71
 Anthracene
 Concen: 21.257 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Instrument :
 BNA_N
 ClientSampleId :
 A41S1

Tot Ion:178 Resp: 1679482
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.3 18.5
 176 18.5 14.7 22.1

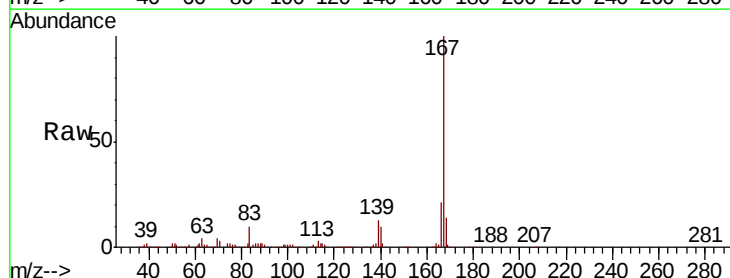


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

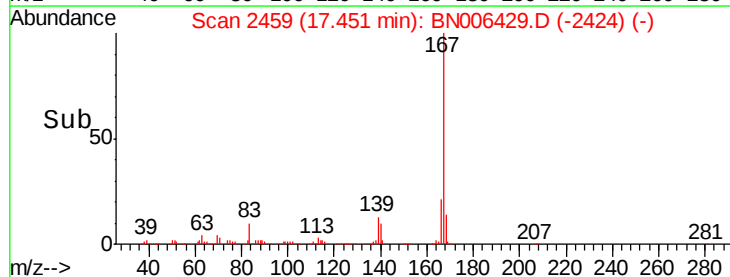
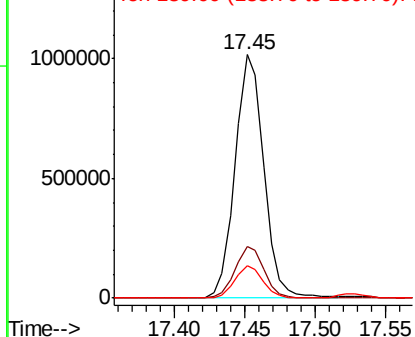


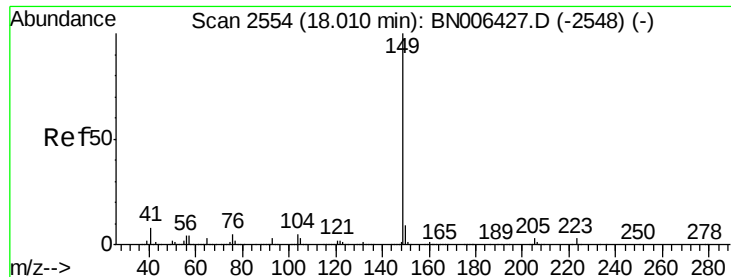
#74
 Carbazole
 Concen: 21.187 ng/ul
 RT: 17.45 min Scan# 2459
 Delta R.T. 0.01 min
 Lab File: BN006429.D
 Acq: 20 Jun 2019 14:24

Tgt Ion:167 Resp: 1444731
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.2 10.5 15.7



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

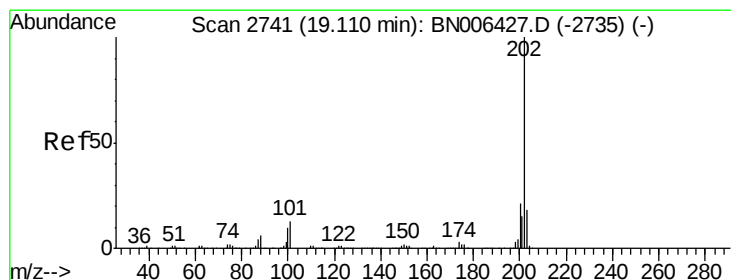
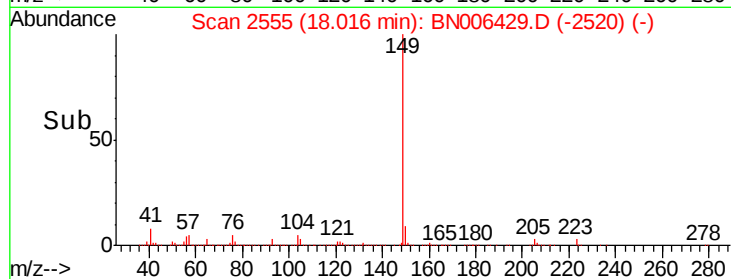
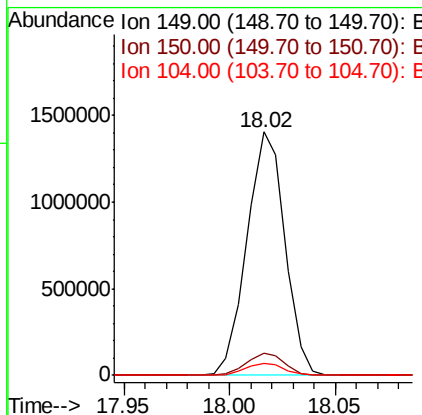
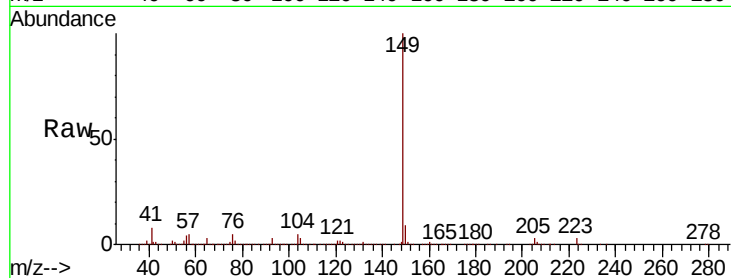




#75
Di-n-butylphthalate
Concen: 20.161 ng/ul
RT: 18.02 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BN006429.D
Acq: 20 Jun 2019 14:24

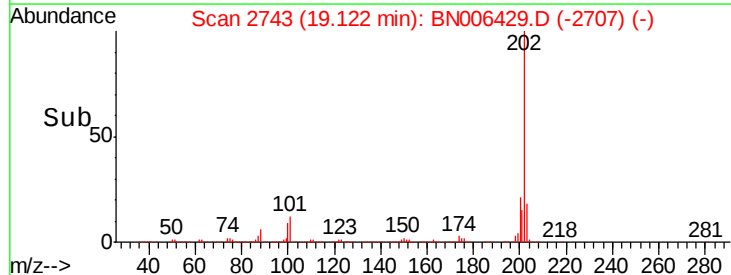
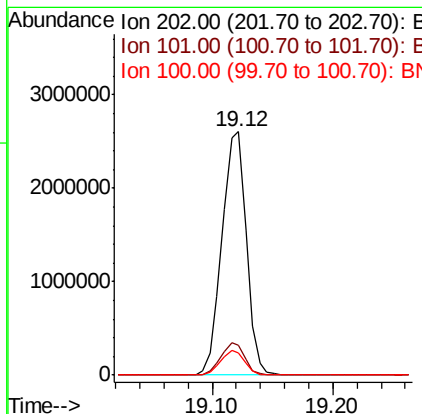
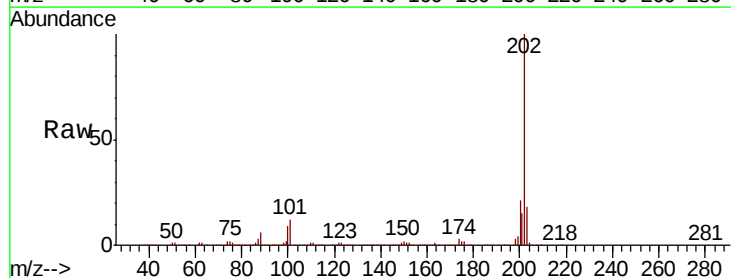
Instrument :
BNA_N
ClientSampleId :
A41S1

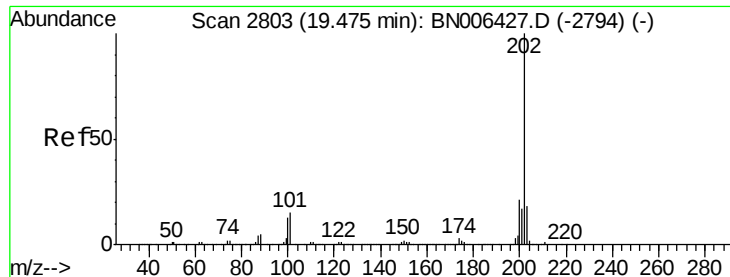
Tot Ion:149 Resp: 1754913
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.1 4.2 6.2



#76
Fluoranthene
Concen: 43.557 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BN006429.D
Acq: 20 Jun 2019 14:24

Tgt Ion:202 Resp: 3653664
Ion Ratio Lower Upper
202 100
101 12.3 10.5 15.7
100 9.2 7.6 11.4





#79

Pvrene

Concen: 29.072 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampled :

A41S1

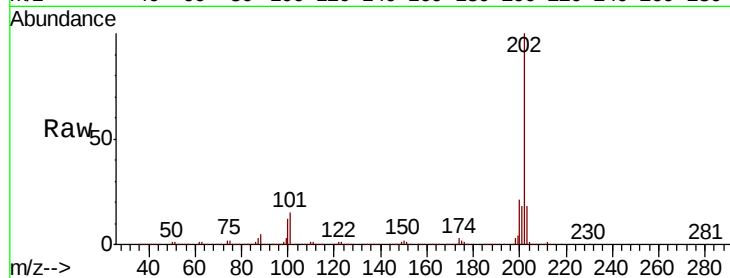
Tot Ion:202 Resp: 2692523

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.4

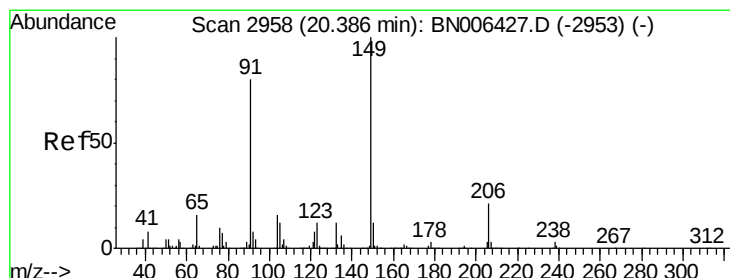
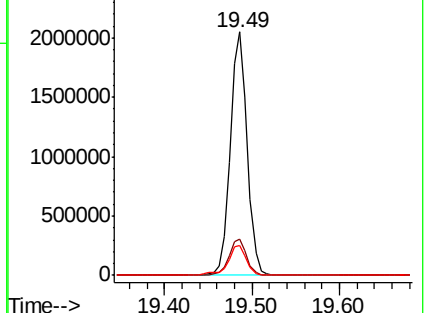
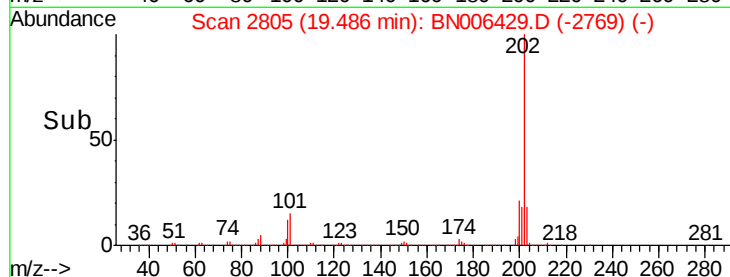
100 12.2 9.8 14.6



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: 18.806 ng/ul

RT: 20.40 min Scan# 2960

Delta R.T. 0.02 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

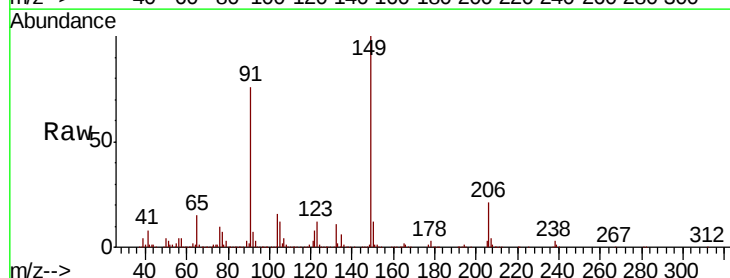
Tgt Ion:149 Resp: 780942

Ion Ratio Lower Upper

149 100

91 76.1 62.7 94.1

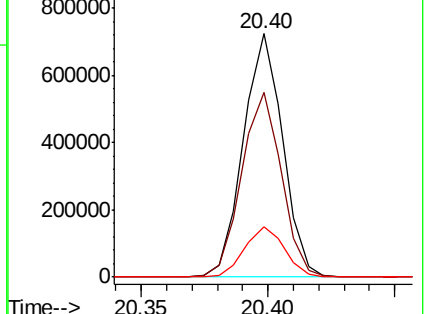
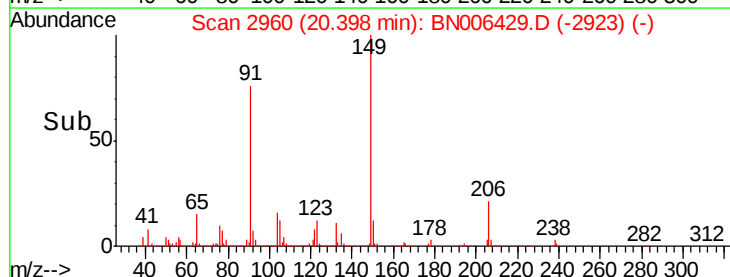
206 20.8 16.3 24.5

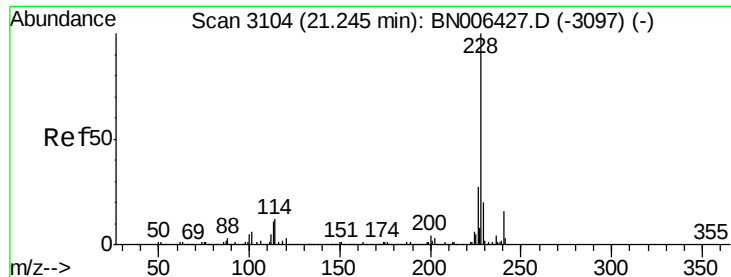


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 34.386 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.02 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A41S1

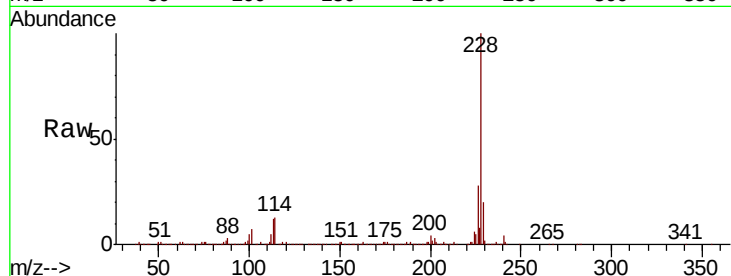
Tot Ion:228 Resp: 3197113

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

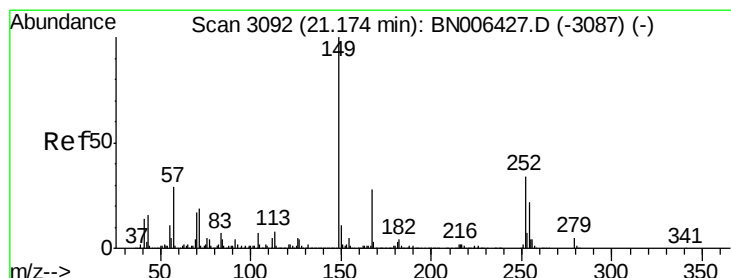
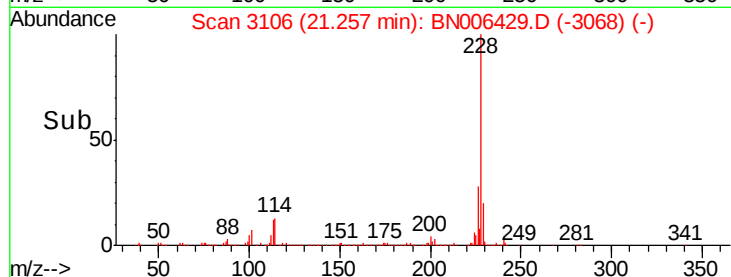
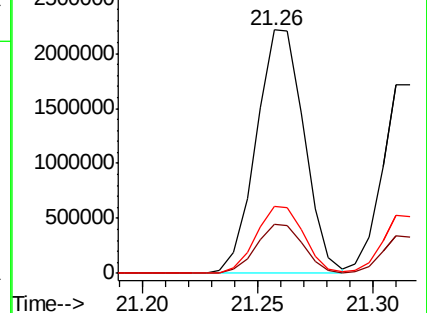
226 27.5 21.5 32.3



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: 24.227 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.02 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

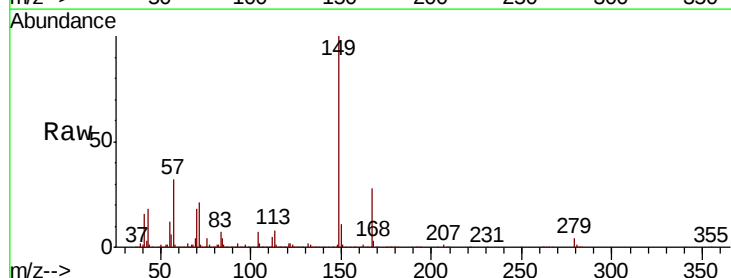
Tgt Ion:149 Resp: 1442696

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

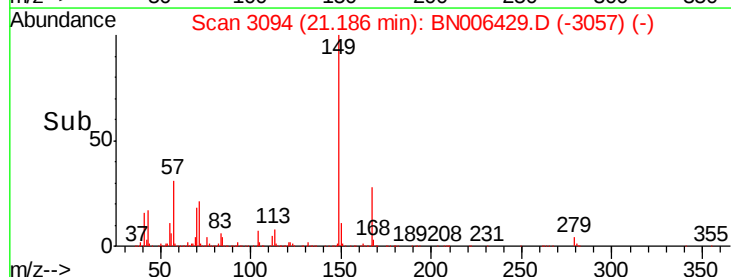
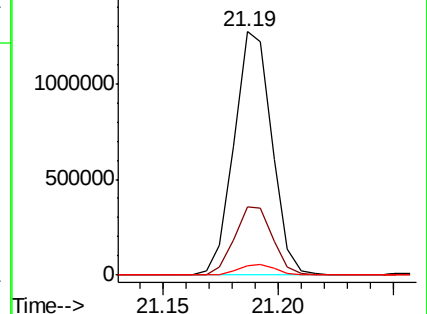
279 3.8 3.3 4.9

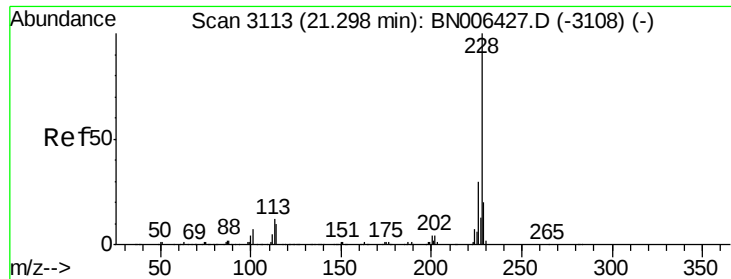


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 25.124 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. 0.02 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A41S1

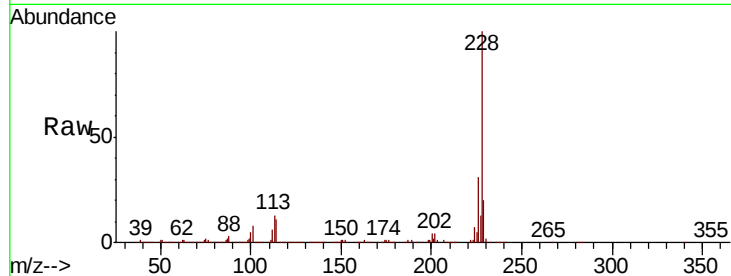
Tot Ion:228 Resp: 2223177

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 20.0 15.9 23.9

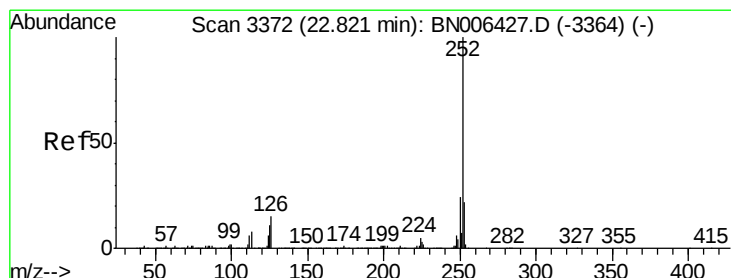
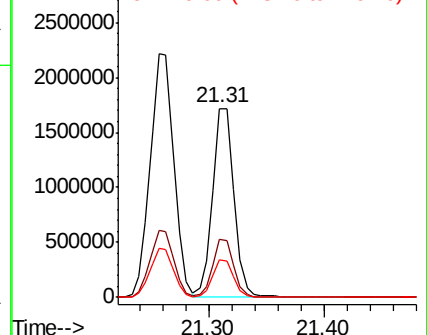
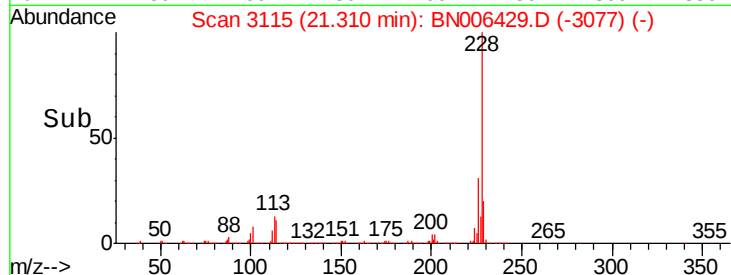


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 25.704 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. 0.04 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

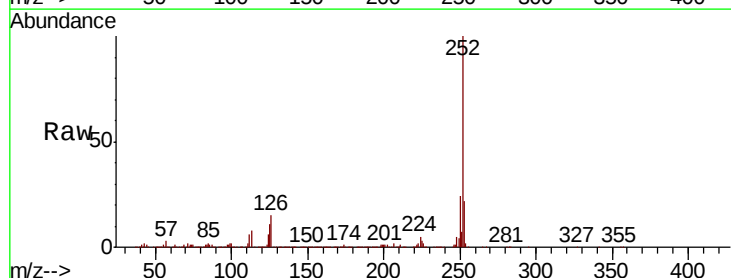
Tgt Ion:252 Resp: 2380243

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.4 9.0 13.6

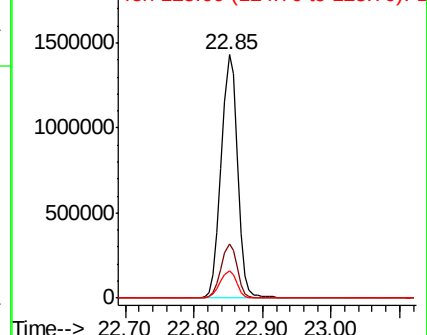
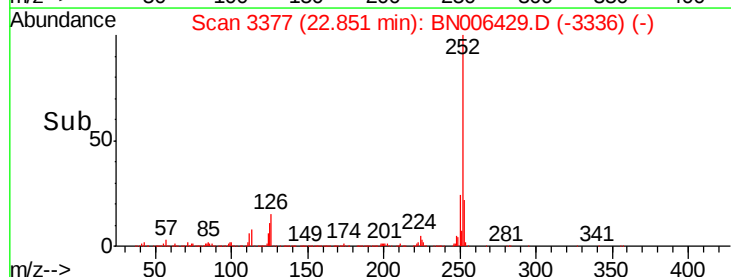


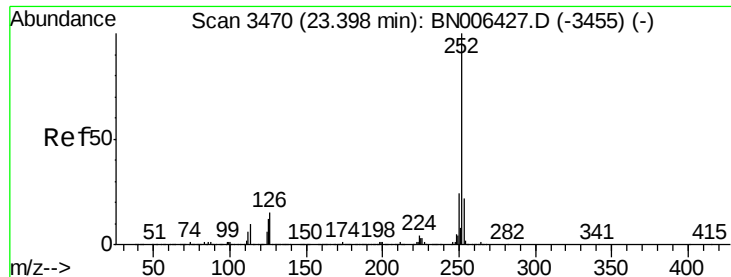
Abundance

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





#90

Benzo(a)pyrene

Concen: 23.786 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. 0.04 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A41S1

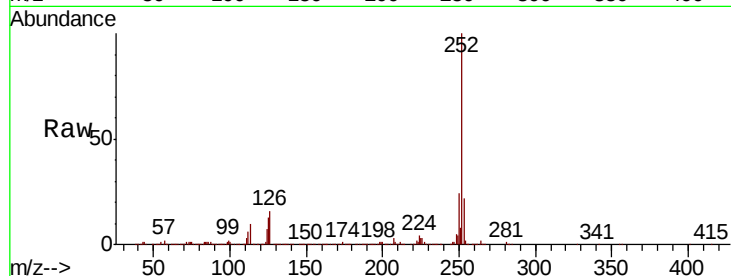
Tot Ion:252 Resp: 2112027

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

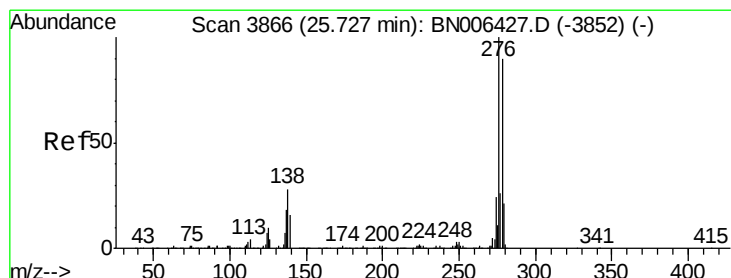
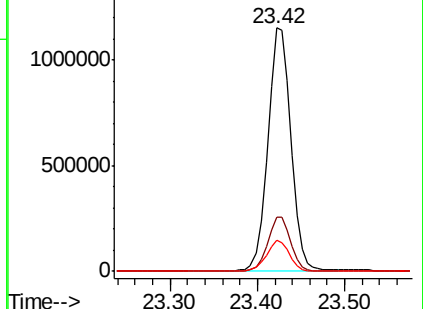
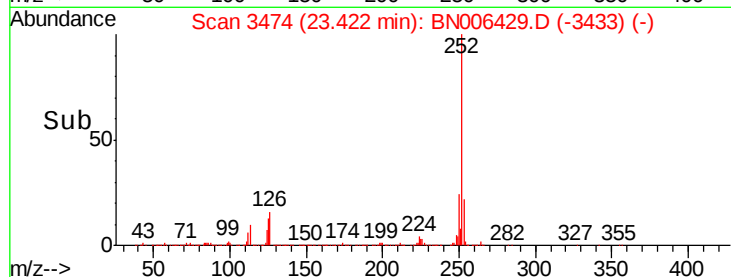
125 12.6 10.0 15.0



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: 24.563 ng/ul

RT: 25.77 min Scan# 3873

Delta R.T. 0.05 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

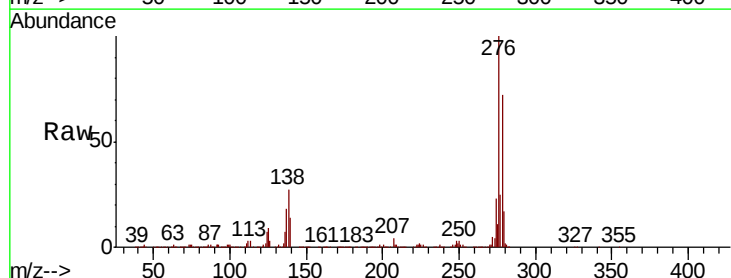
Tgt Ion:276 Resp: 2581175

Ion Ratio Lower Upper

276 100

138 26.8 22.2 33.4

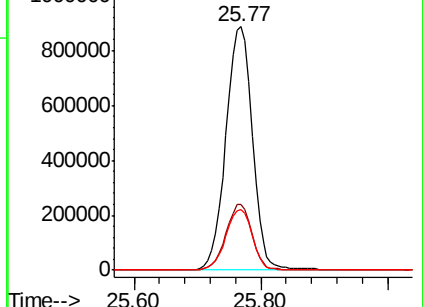
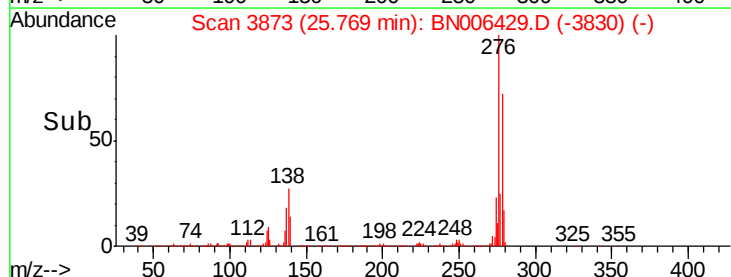
277 25.0 20.2 30.4

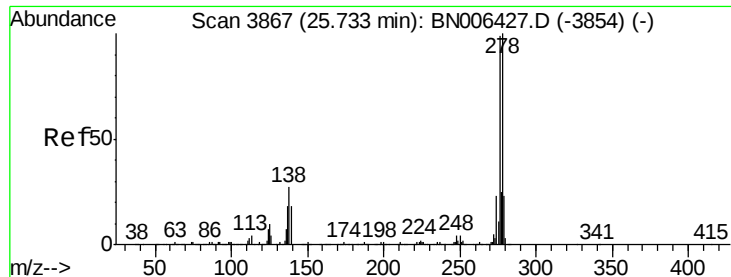


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 19.291 ng/ul

RT: 25.77 min Scan# 3874

Delta R.T. 0.05 min

Lab File: BN006429.D

Acq: 20 Jun 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A41S1

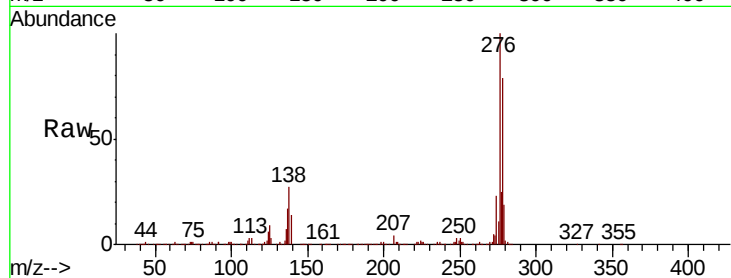
Tot Ion:278 Resp: 1678672

Ion Ratio Lower Upper

278 100

139 18.3 14.2 21.4

279 23.6 18.8 28.2



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

