

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006472.D
 Acq On : 21 Jun 2019 18:40
 Operator : HP/JU
 Sample : K3362-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41R5

Quant Time: Jun 21 19:12:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	201948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	926896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	531819	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1174692	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1029975	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1009231	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	28186	5.45	ng/uL	0.00
5) Phenol-d5	6.80	99	687437	31.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	421595	31.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	507007	31.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	511844	30.01	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	255111	34.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	272522	33.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	518356	33.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	679729	38.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1610866	34.56	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2038434	35.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	284536	35.73	ng/ul	0.00
57) Fluorene-d10	15.28	176	1420107	35.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	95631	12.86	ng/ul	0.00
70) Anthracene-d10	17.14	188	2209497	37.36	ng/ul	0.00
78) Pyrene-d10	19.45	212	2421467	40.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	2167851	38.03	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.17	88	138261	26.397	ng/uL 95
4) Benzaldehyde	6.77	77	543281	62.549	ng/ul 99
6) Phenol	6.83	94	902658	43.541	ng/ul 99
10) 2-Chlorophenol	7.19	128	441096	29.034	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	422832	30.759	ng/ul 98
20) Nitrobenzene	8.82	77	475030	26.523	ng/ul 99
23) 2-Nitrophenol	9.53	139	235271	28.914	ng/ul 98
27) 2,4-Dichlorophenol	10.06	162	443506	31.233	ng/ul 100
28) Naphthalene	10.46	128	1004363	20.583	ng/ul 100
31) Hexachlorobutadiene	10.73	225	246920	29.930	ng/ul 97
33) 4-Chloro-3-methylphenol	11.71	107	863235	50.537	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	395852	25.096	ng/ul 96
38) 2,4,6-Trichlorophenol	12.70	196	524717	51.185	ng/ul 100
40) 1,1'-Biphenyl	13.10	154	1383339	32.875	ng/ul 99
41) 2-Chloronaphthalene	13.15	162	667873	20.467	ng/ul 99
44) Dimethylphthalate	13.74	163	1194021	27.787	ng/ul 99
45) 2,6-Dinitrotoluene	13.87	165	263406	31.455	ng/ul 99
49) Acenaphthene	14.35	153	995106	27.582	ng/ul 100
52) 4-Nitrophenol	14.52	109	180744	32.442	ng/ul 98
53) Dibenzofuran	14.69	168	1133302	22.669	ng/ul 100
55) 2,3,4,6-Tetrachlorophenol	14.92	232	289094	30.452	ng/ul 98
59) 4-Chlorophenyl-phenylether	15.33	204	417717	21.097	ng/ul 99
63) 4,6-Dinitro-2-methylphenol	15.44	198	160150	22.019	ng/ul 99

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

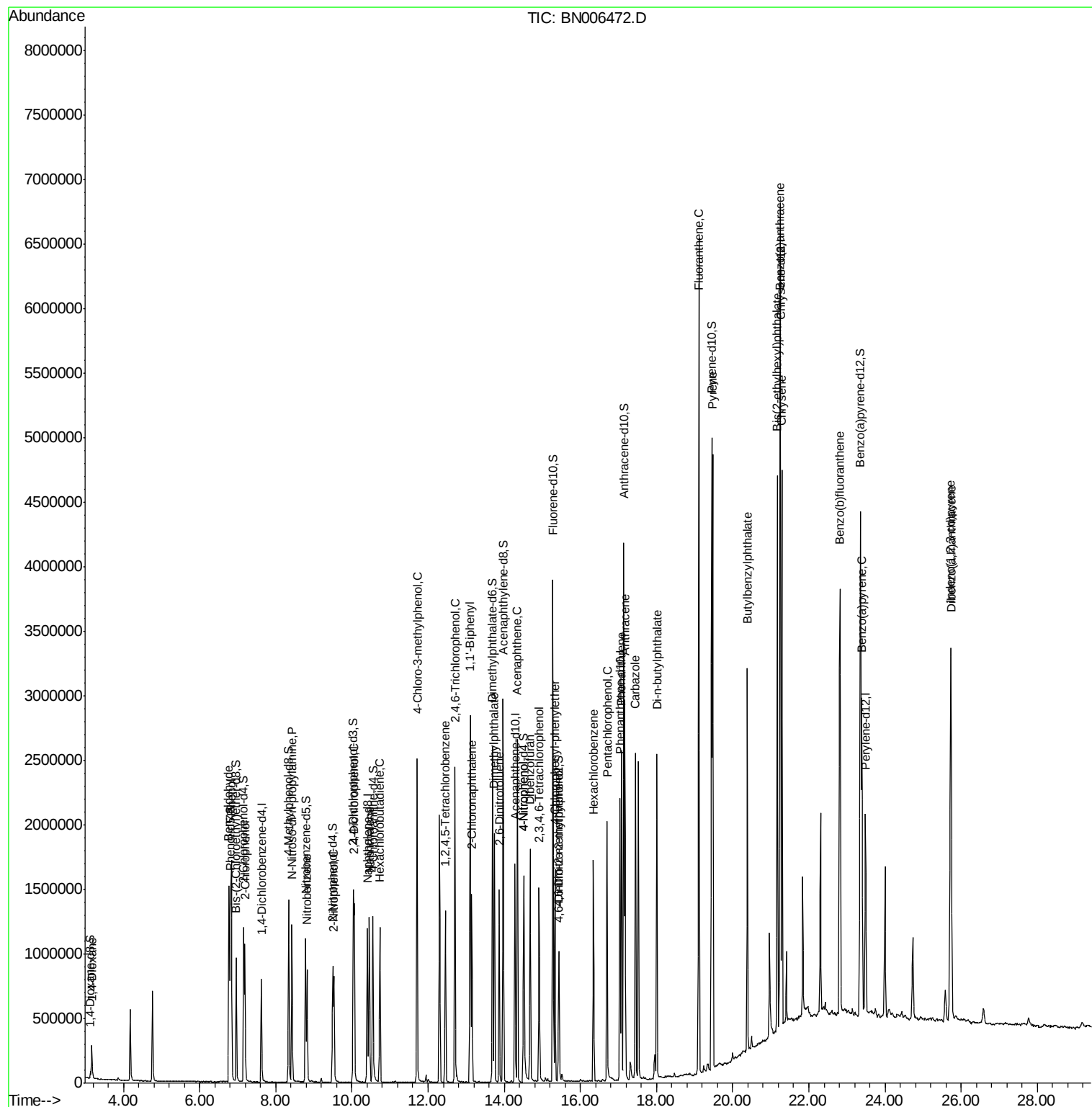
66) Hexachlorobenzene	16.35	284	332884	24.677	ng/ul	99
68) Pentachlorophenol	16.70	266	362648	55.161	ng/ul	97
69) Phenanthrene	17.08	178	1468626	22.667	ng/ul	100
71) Anthracene	17.17	178	1751307	26.627	ng/ul	100
74) Carbazole	17.45	167	1536200	27.064	ng/ul	100
75) Di-n-butylphthalate	18.01	149	1692887	23.363	ng/ul	99
76) Fluoranthene	19.11	202	3670285	52.562	ng/ul	99
79) Pyrene	19.48	202	2689033	38.346	ng/ul	99
80) Butylbenzylphthalate	20.39	149	783452	24.916	ng/ul	98
82) Benzo(a)anthracene	21.25	228	3003917	42.670	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1423842	31.578	ng/ul	100
84) Chrysene	21.30	228	2086606	31.143	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	1982815	32.736	ng/ul	100
90) Benzo(a)pyrene	23.39	252	1748588	30.107	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	2098351	30.528	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	1368667	24.046	ng/ul	99

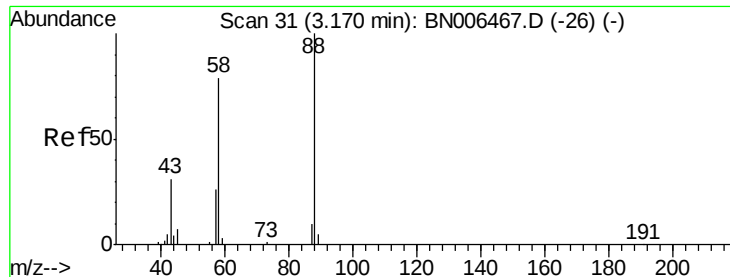
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 26.397 ng/uL

RT: 3.17 min Scan# 31

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

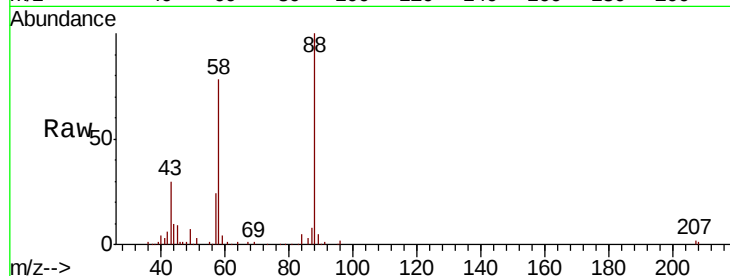
Tgt Ion: 88 Resp: 138261

Ion Ratio Lower Upper

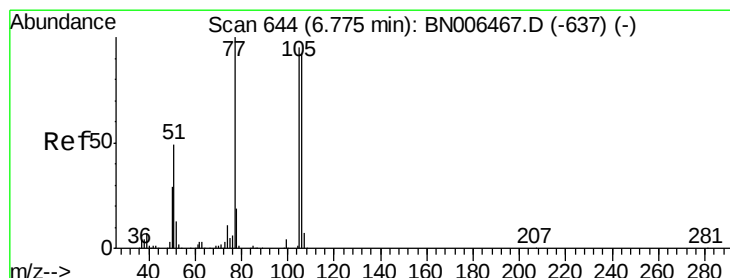
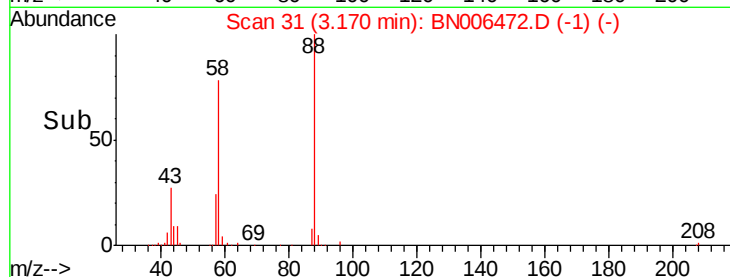
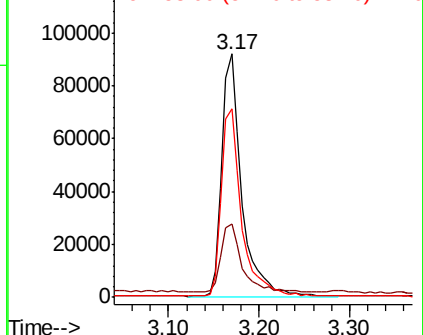
88 100

43 30.1 27.8 41.6

58 77.7 60.2 90.2



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: 62.549 ng/uL

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

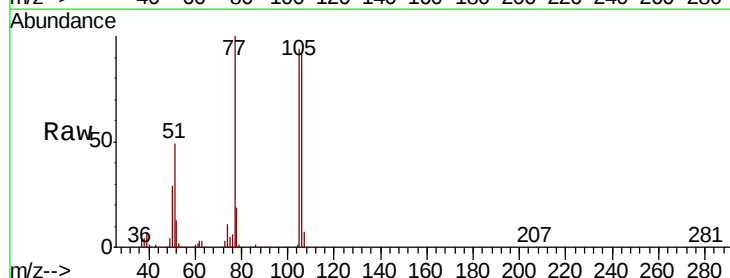
Tgt Ion: 77 Resp: 543281

Ion Ratio Lower Upper

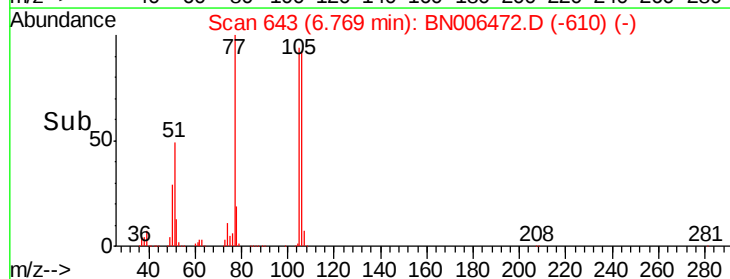
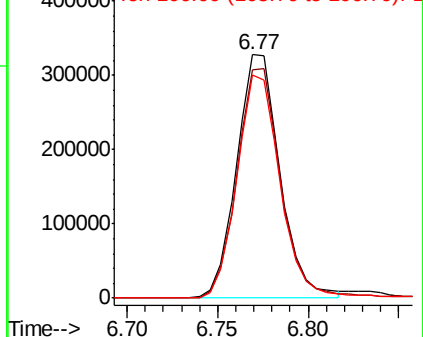
77 100

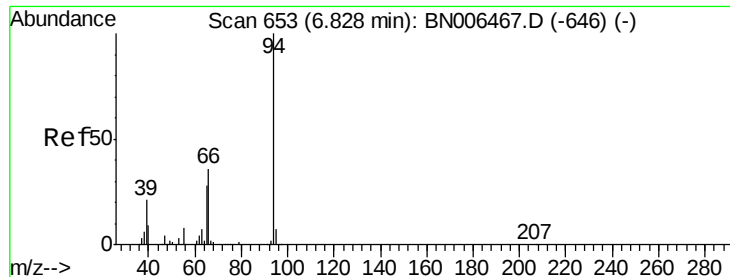
105 93.8 74.1 111.1

106 91.6 72.7 109.1



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: 43.541 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

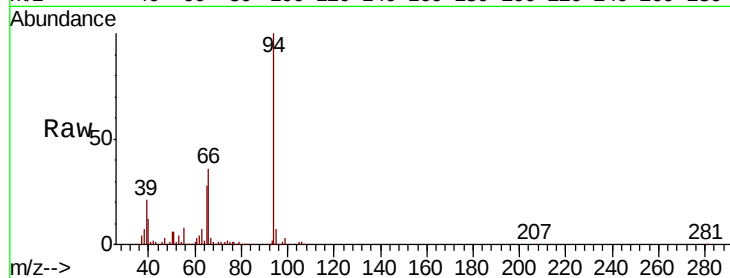
Tgt Ion: 94 Resp: 902658

Ion Ratio Lower Upper

94 100

65 27.8 22.5 33.7

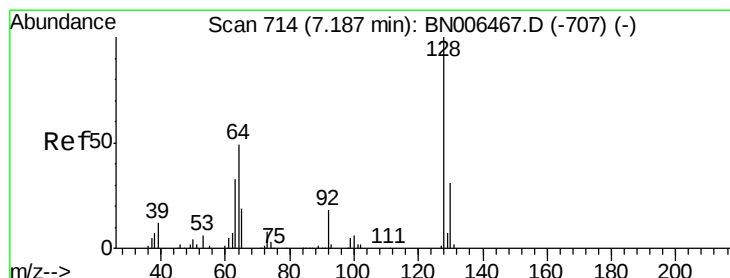
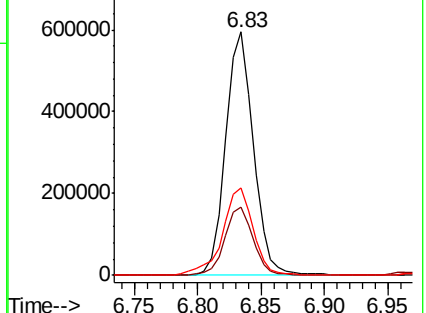
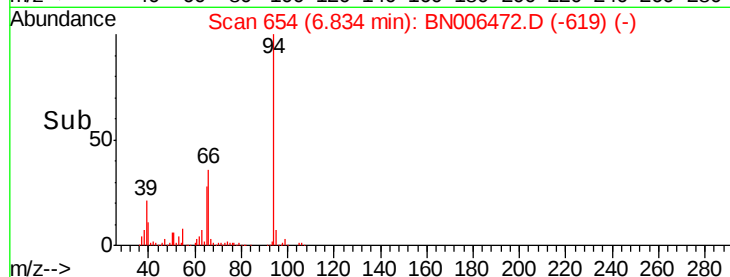
66 35.8 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BN006472.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BN006472.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BN006472.D (-619) (-)



#10

2-Chlorophenol

Concen: 29.034 ng/ul

RT: 7.19 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

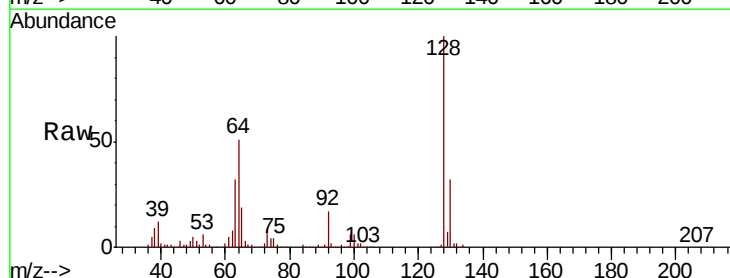
Tgt Ion: 128 Resp: 441096

Ion Ratio Lower Upper

128 100

64 51.3 42.4 63.6

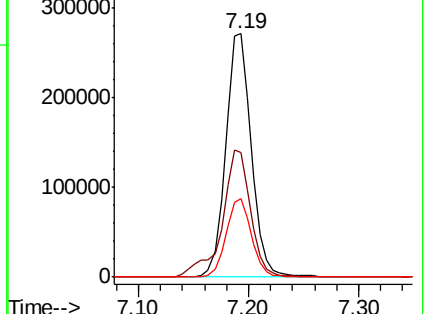
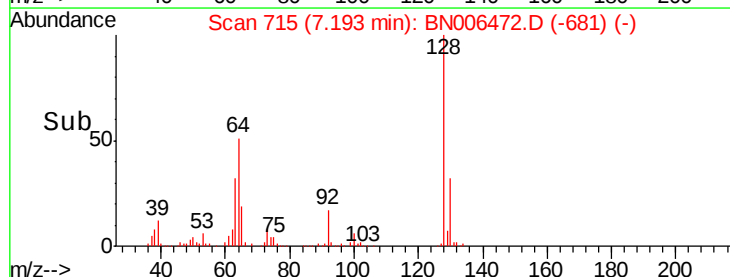
130 32.4 26.6 39.8

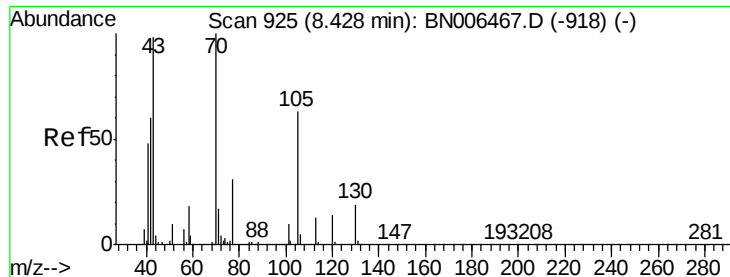


Abundance Ion 128.00 (127.70 to 128.70): BN006472.D (-681) (-)

Ion 64.00 (63.70 to 64.70): BN006472.D (-681) (-)

Ion 130.00 (129.70 to 130.70): BN006472.D (-681) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.759 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

Tgt Ion: 70 Resp: 422832

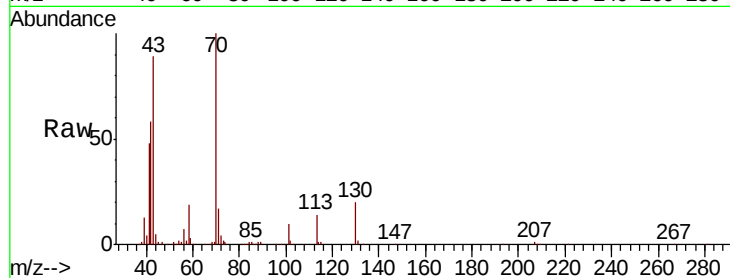
Ion Ratio Lower Upper

70 100

42 58.1 48.0 72.0

101 9.5 7.4 11.0

130 19.7 16.1 24.1

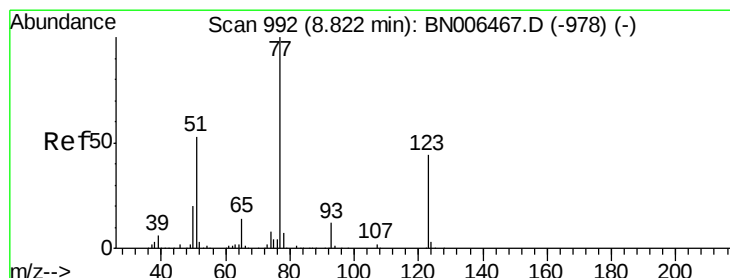
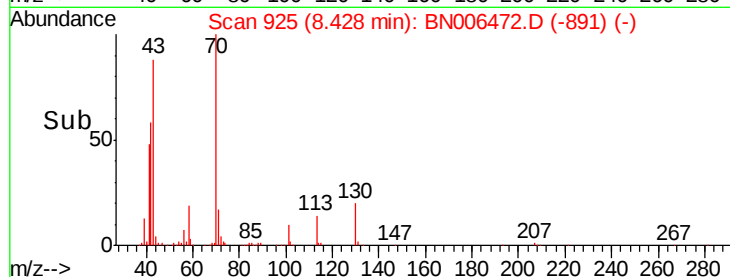
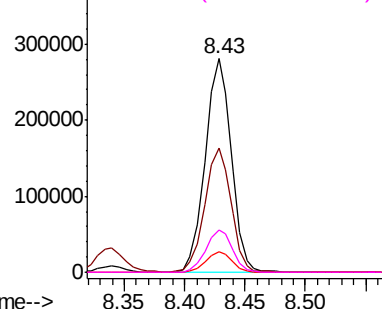


Abundance Ion 70.00 (69.70 to 70.70): BN0

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



#20

Nitrobenzene

Concen: 26.523 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

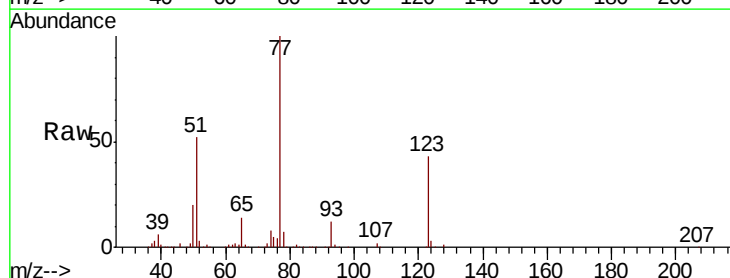
Tgt Ion: 77 Resp: 475030

Ion Ratio Lower Upper

77 100

123 42.8 33.7 50.5

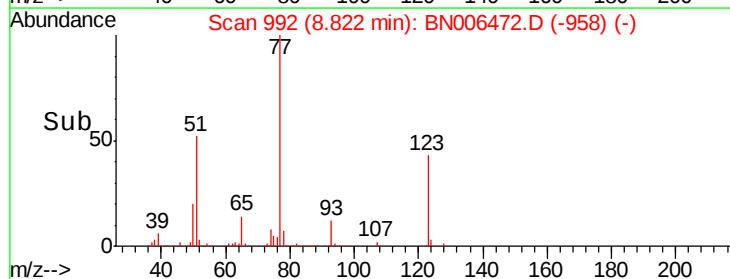
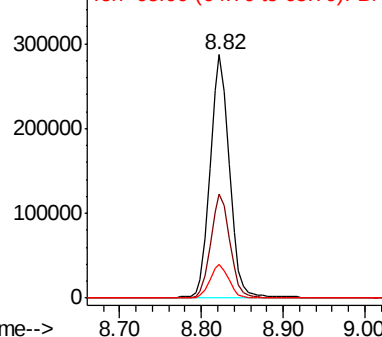
65 13.7 10.6 15.8

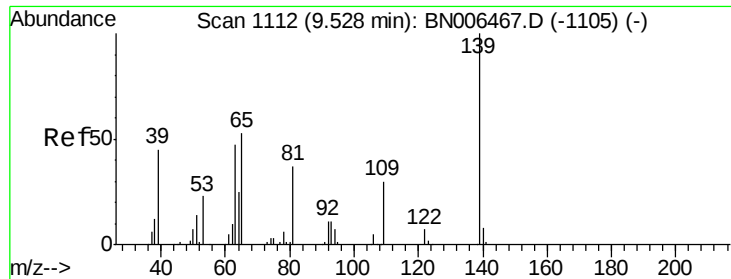


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0

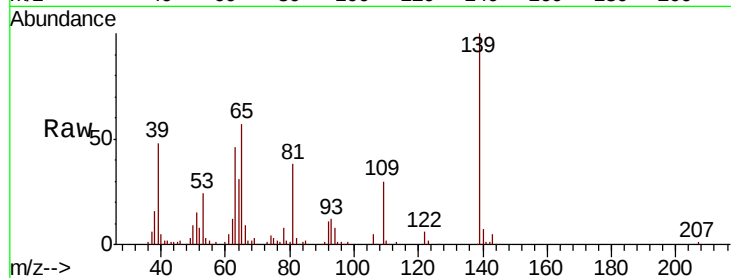




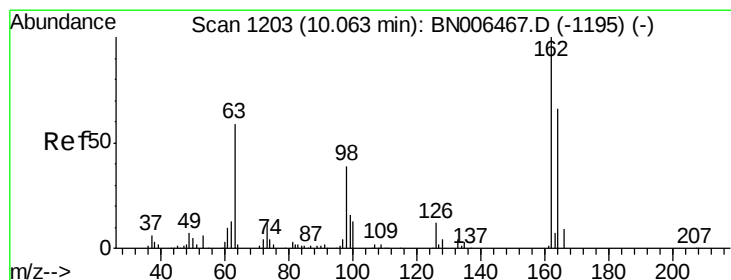
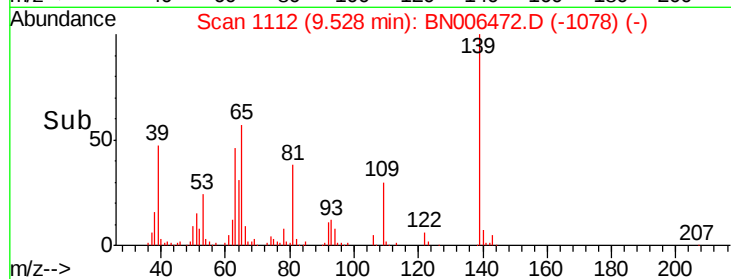
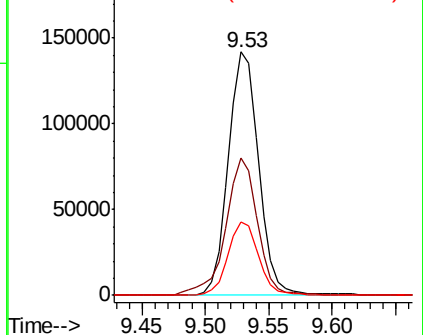
#23
 2-Nitrophenol
 Concen: 28.914 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Instrument :
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Tgt Ion	Ratio	Lower	Upper
139	100		
65	56.7	44.1	66.1
109	30.3	23.8	35.6

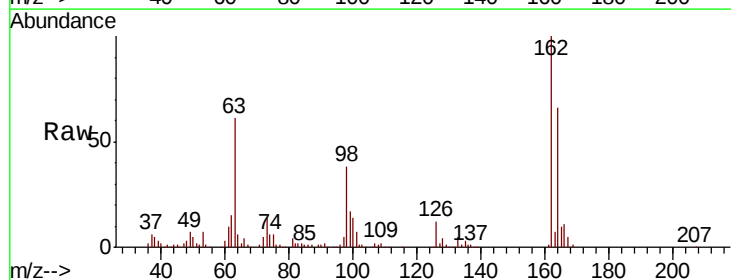


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BNO
 Ion 109.00 (108.70 to 109.70): E

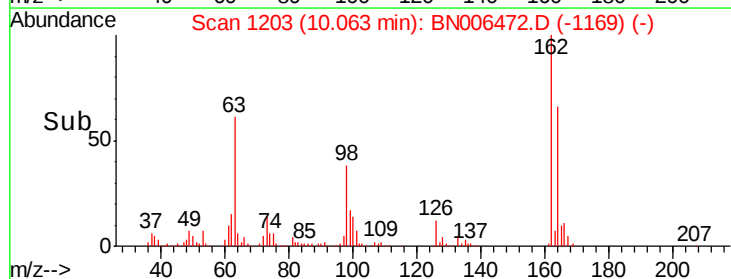
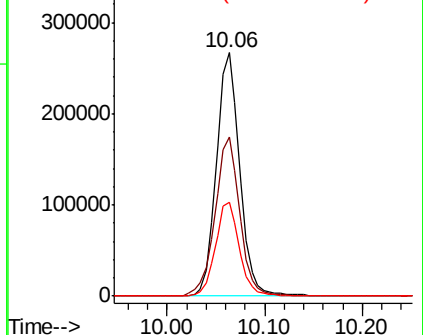


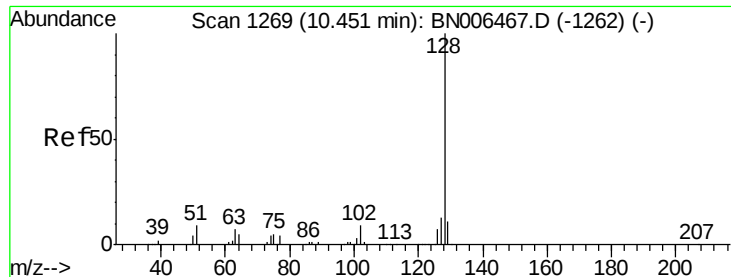
#27
 2,4-Dichlorophenol
 Concen: 31.233 ng/ul
 RT: 10.06 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	52.6	79.0
98	38.4	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

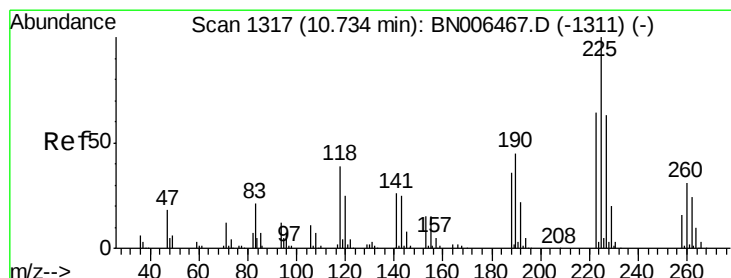
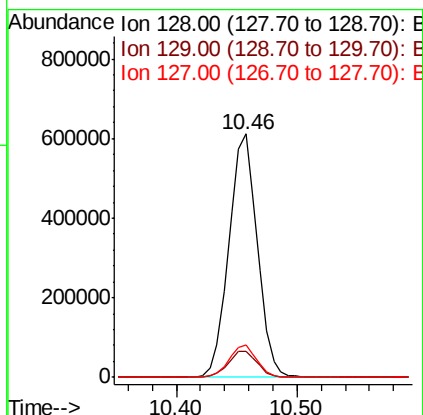
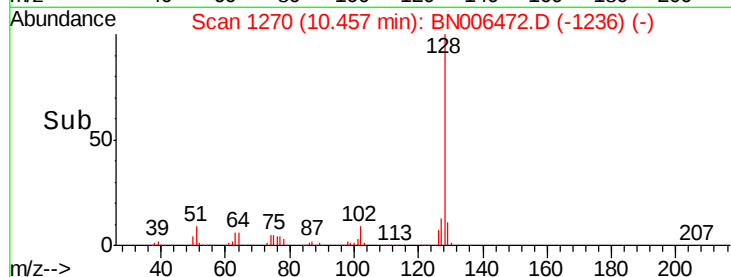
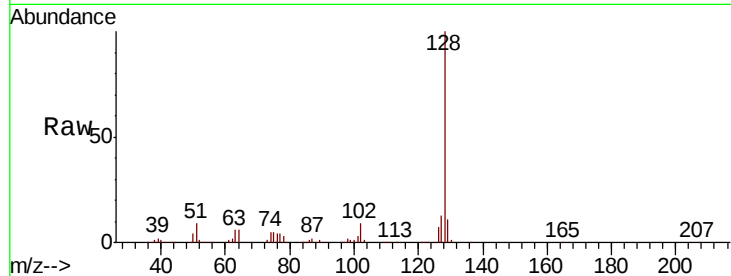




#28
Naphthalene
Concen: 20.583 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN006472.D
Acq: 21 Jun 2019 18:40

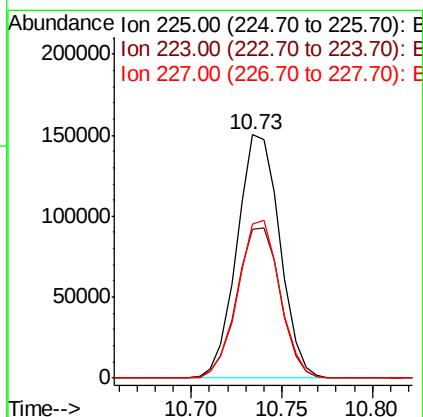
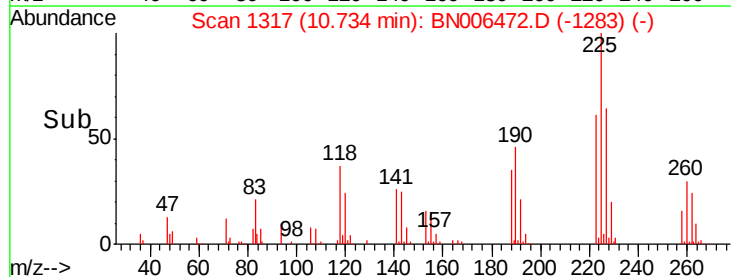
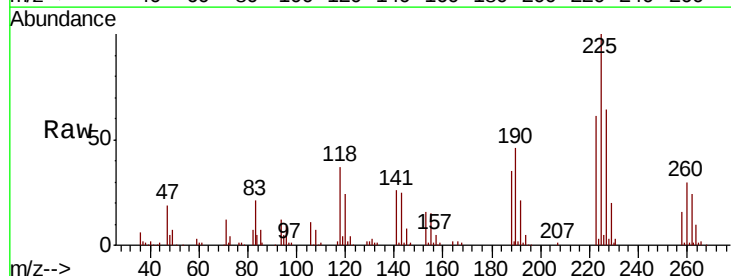
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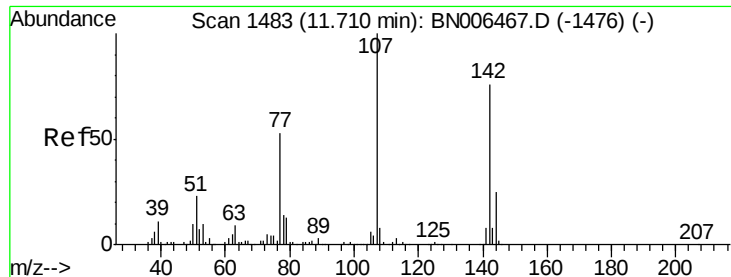
Tgt Ion:128 Resp: 1004363
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.4 15.6



#31
Hexachlorobutadiene
Concen: 29.930 ng/ul
RT: 10.73 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN006472.D
Acq: 21 Jun 2019 18:40

Tgt Ion:225 Resp: 246920
Ion Ratio Lower Upper
225 100
223 60.9 51.3 76.9
227 63.5 52.1 78.1

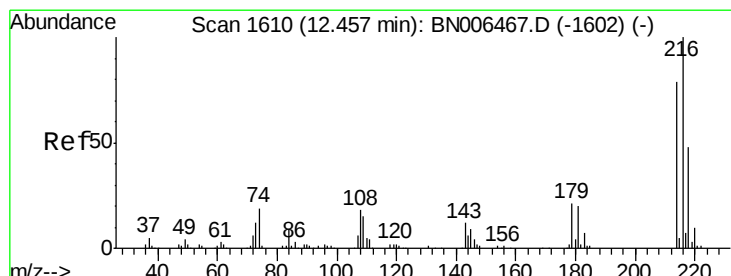
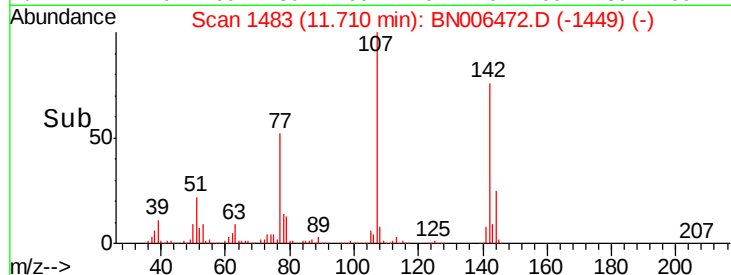
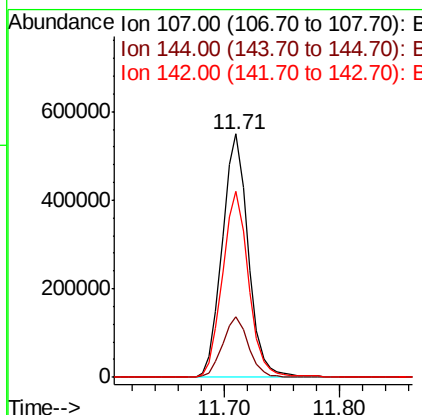
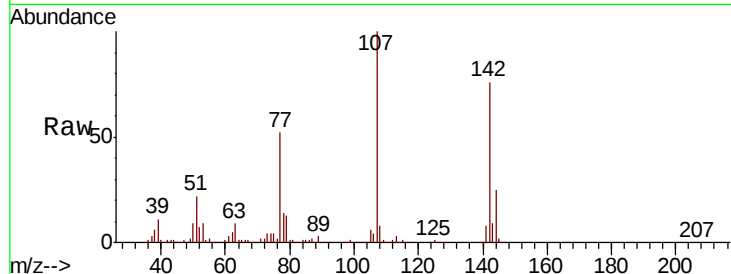




#33
 4-Chloro-3-methylphenol
 Concen: 50.537 ng/ul
 RT: 11.71 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

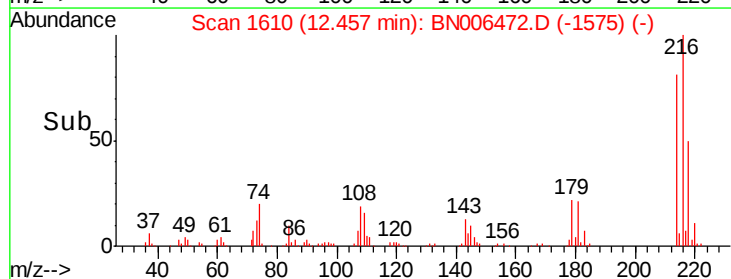
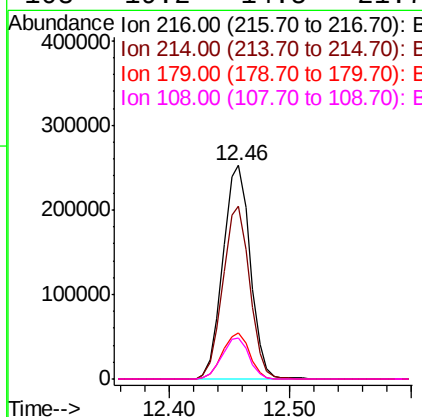
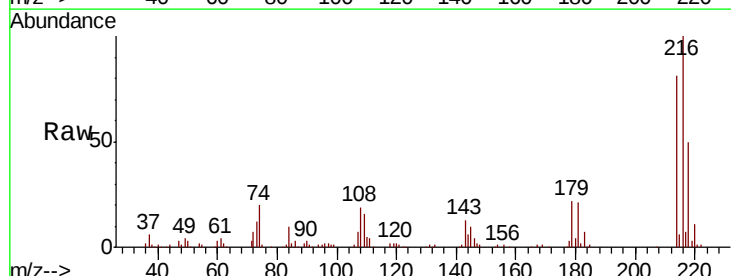
Instrument :
 BNA_N
 ClientSampleId :
 A41R5

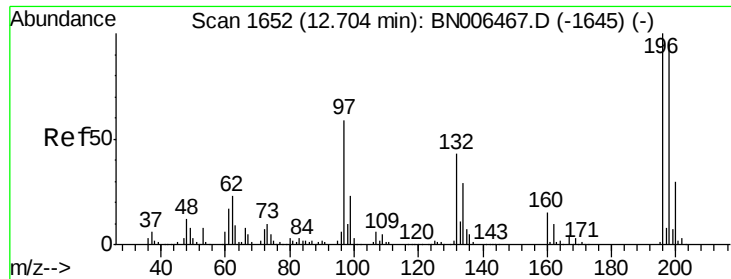
Tgt Ion:107 Resp: 863235
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 76.2 60.8 91.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.096 ng/ul
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion:216 Resp: 395852
 Ion Ratio Lower Upper
 216 100
 214 81.0 61.4 92.0
 179 21.7 16.9 25.3
 108 19.2 14.5 21.7

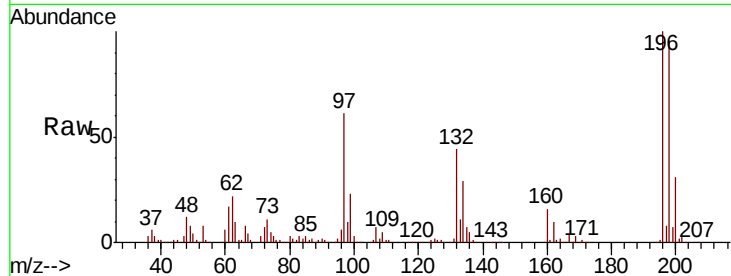




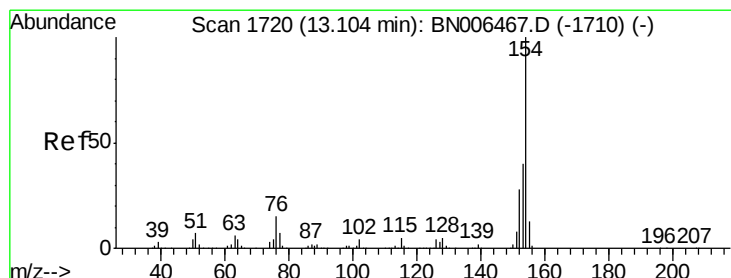
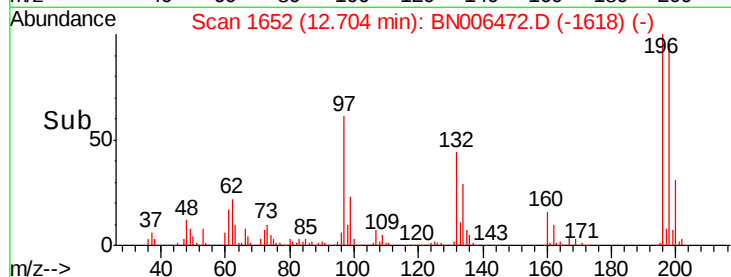
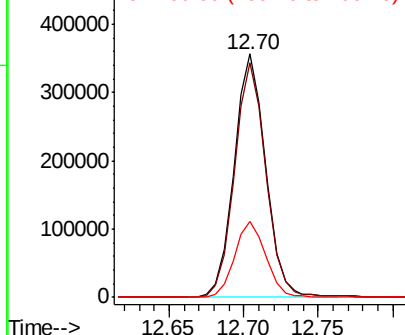
#38
 2,4,6-Trichlorophenol
 Concen: 51.185 ng/ul
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Instrument :
 BNA_N
 ClientSampled :
 A41R5

Tgt Ion:196 Resp: 524717
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.7 115.1
 200 31.2 24.8 37.2

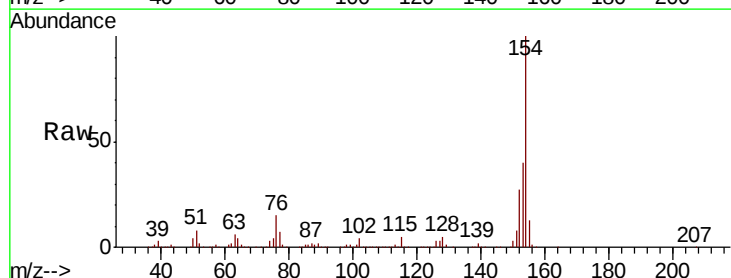


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

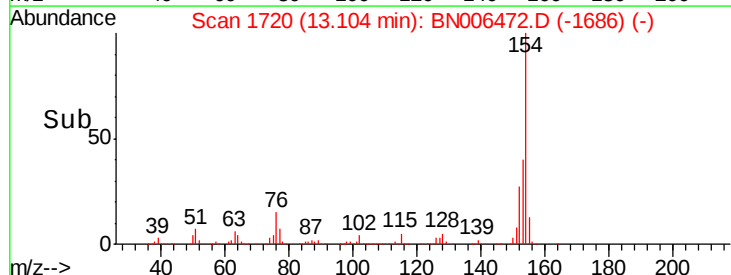
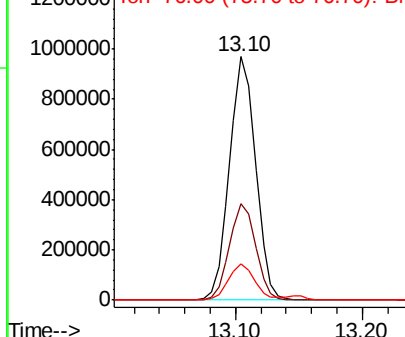


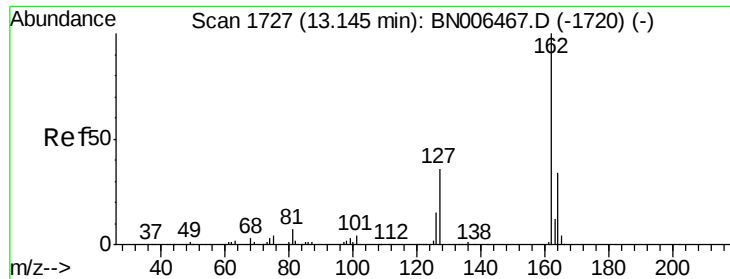
#40
 1,1'-Biphenyl
 Concen: 32.875 ng/ul
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion:154 Resp: 1383339
 Ion Ratio Lower Upper
 154 100
 153 39.8 32.1 48.1
 76 14.9 11.5 17.3



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

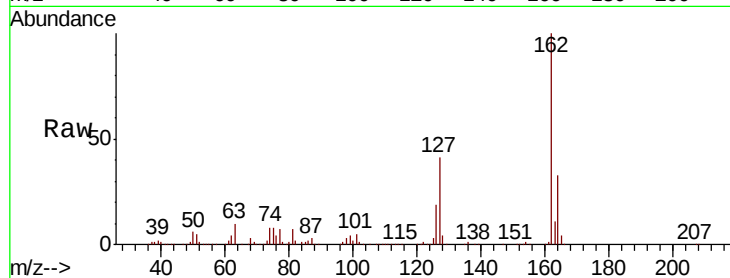




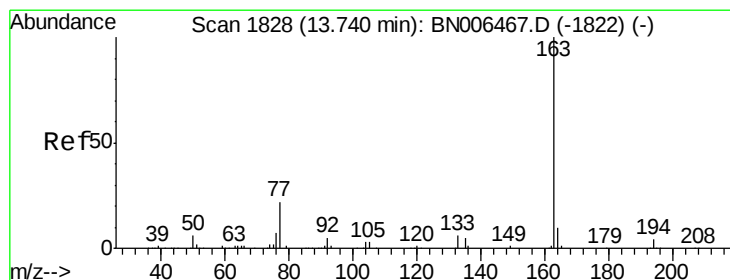
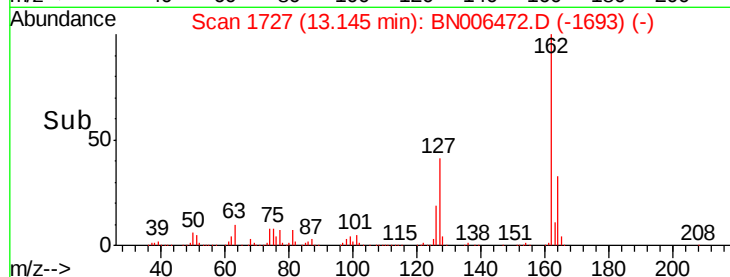
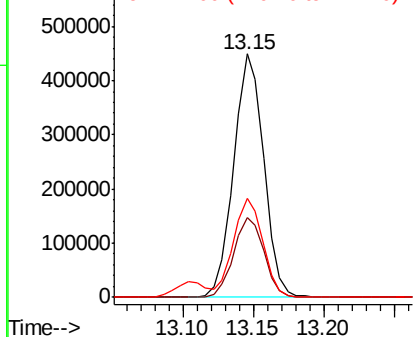
#41
2-Chloronaphthalene
Concen: 20.467 ng/ul
RT: 13.15 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BN006472.D
Acq: 21 Jun 2019 18:40

Instrument :
BNA_N
ClientSampleId :
A41R5

Tgt Ion:162 Resp: 667873
Ion Ratio Lower Upper
162 100
164 33.0 26.2 39.4
127 40.6 31.4 47.0

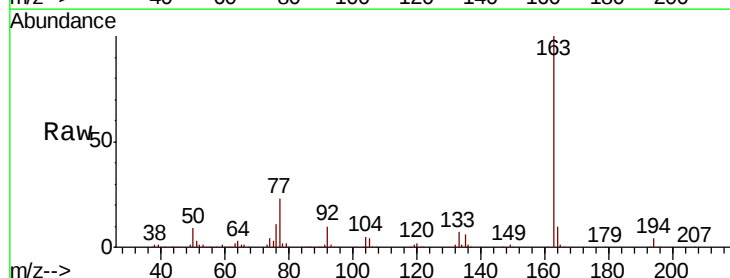


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

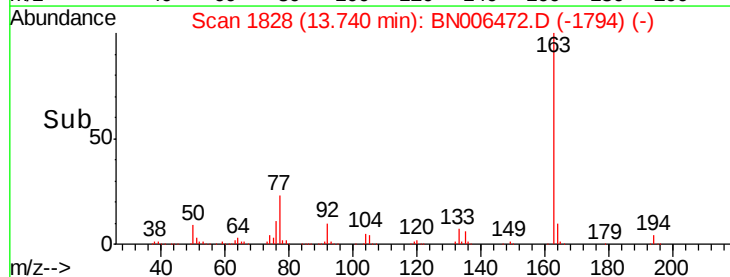
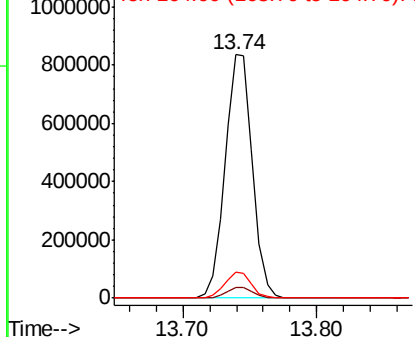


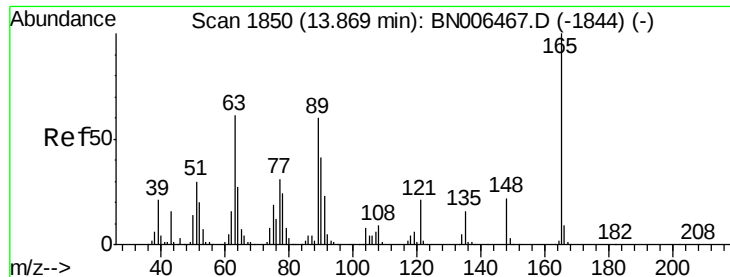
#44
Dimethylphthalate
Concen: 27.787 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006472.D
Acq: 21 Jun 2019 18:40

Tgt Ion:163 Resp: 1194021
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.5 8.0 12.0



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

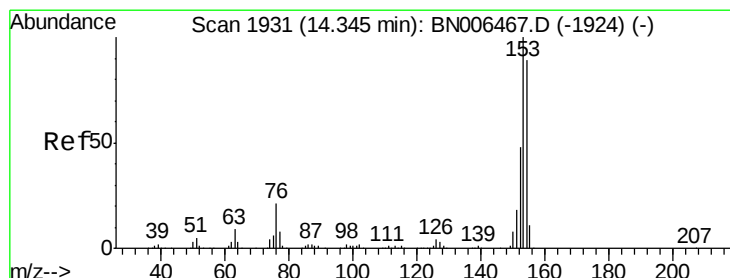
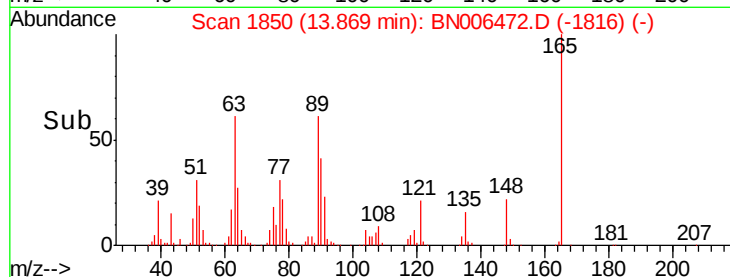
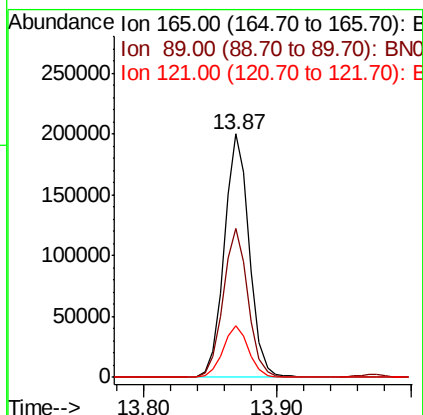
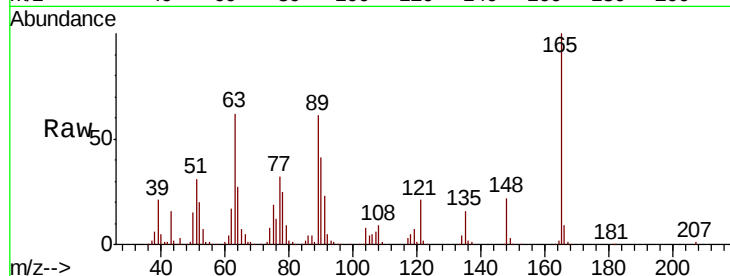




#45
2,6-Dinitrotoluene
Concen: 31.455 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BN006472.D
Acq: 21 Jun 2019 18:40

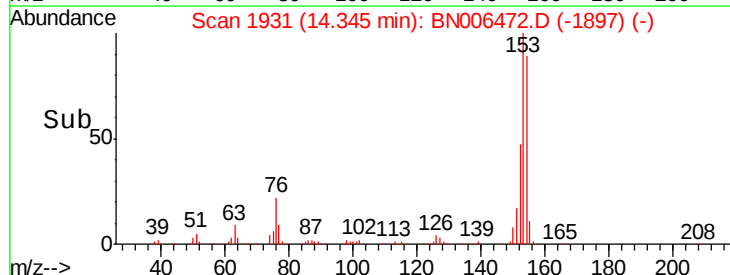
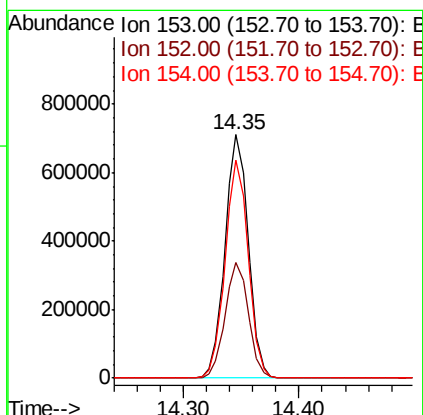
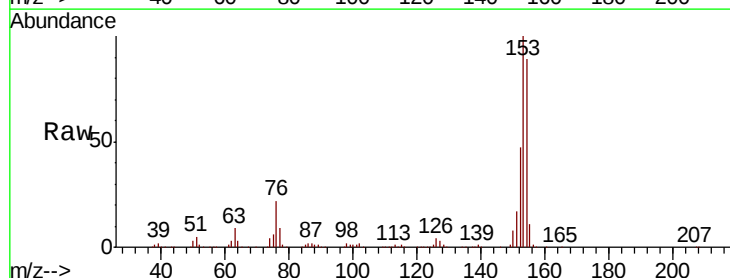
Instrument :
BNA_N
ClientSampled :
A41R5

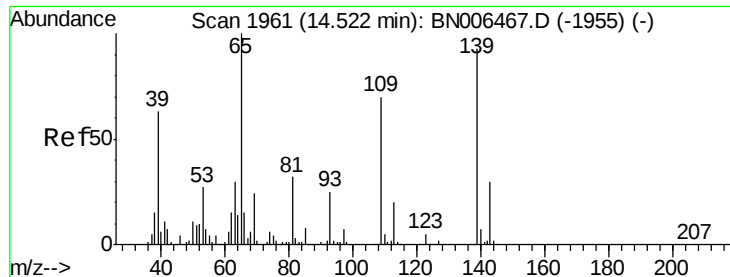
Tgt Ion	Ratio	Lower	Upper
165	100		
89	61.3	48.6	72.8
121	21.2	17.2	25.8



#49
Acenaphthene
Concen: 27.582 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN006472.D
Acq: 21 Jun 2019 18:40

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.8	56.6
154	89.5	71.2	106.8





#52

4-Nitrophenol

Concen: 32.442 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

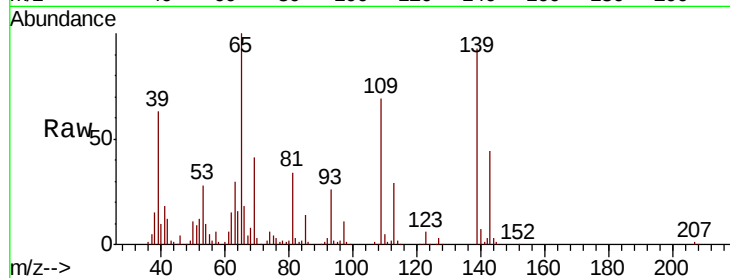
Tgt Ion:109 Resp: 180744

Ion Ratio Lower Upper

109 100

139 134.4 109.0 163.4

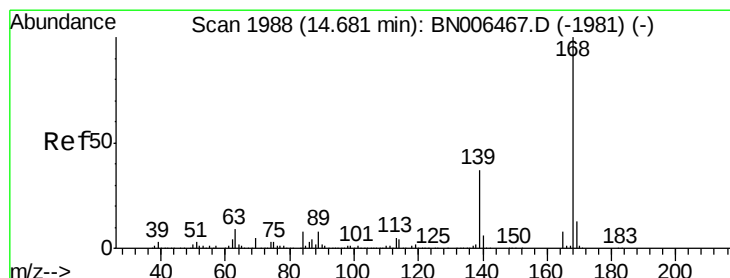
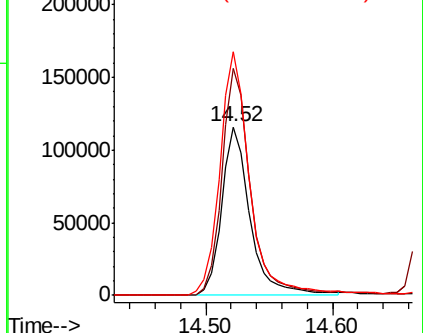
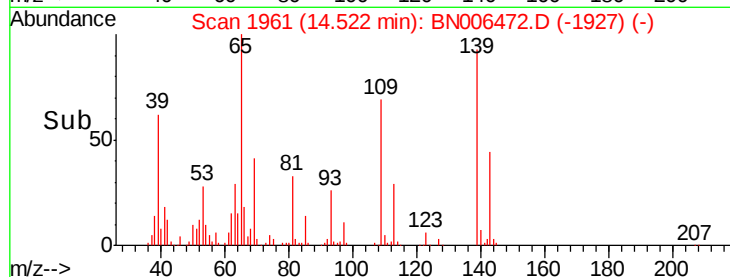
65 144.4 118.1 177.1



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): BNO



#53

Dibenzofuran

Concen: 22.669 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BN006472.D

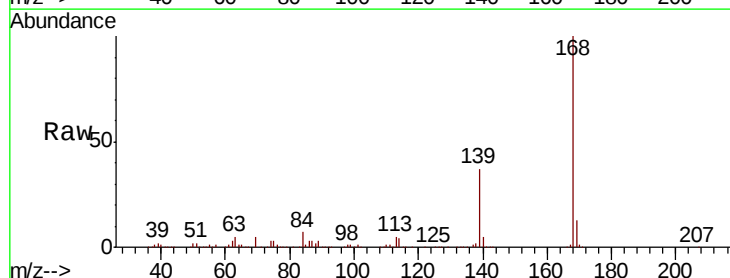
Acq: 21 Jun 2019 18:40

Tgt Ion:168 Resp: 1133302

Ion Ratio Lower Upper

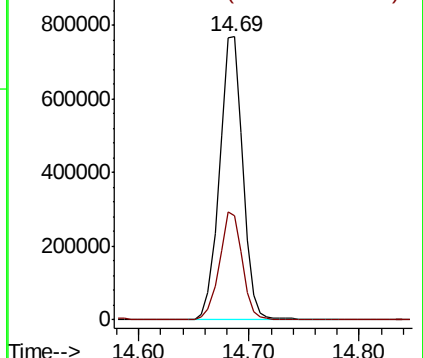
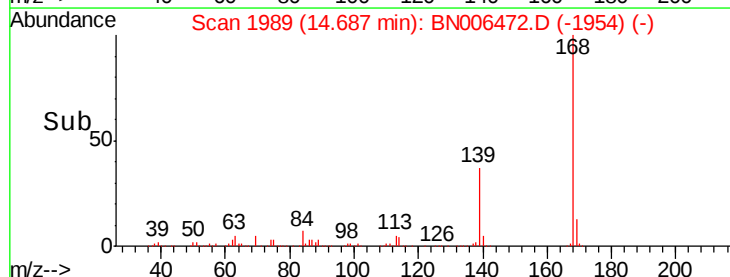
168 100

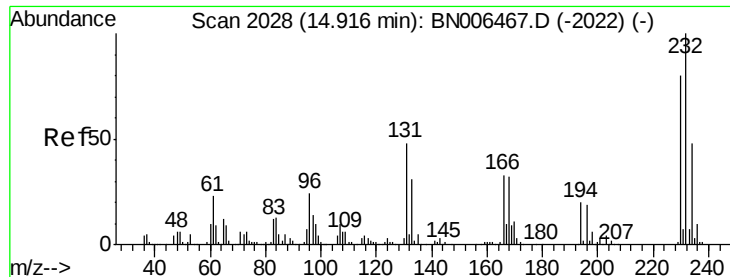
139 36.8 29.4 44.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

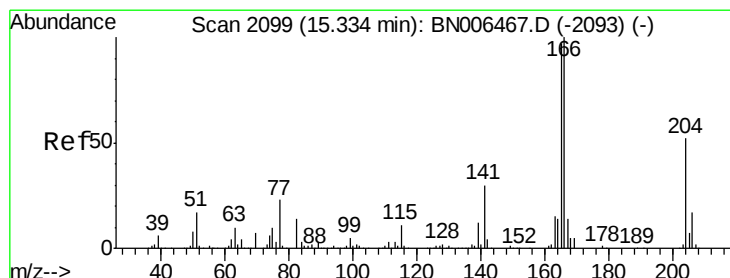
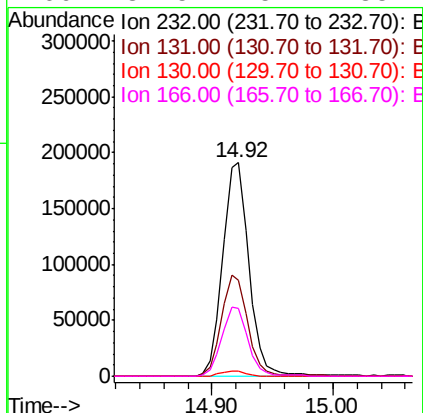
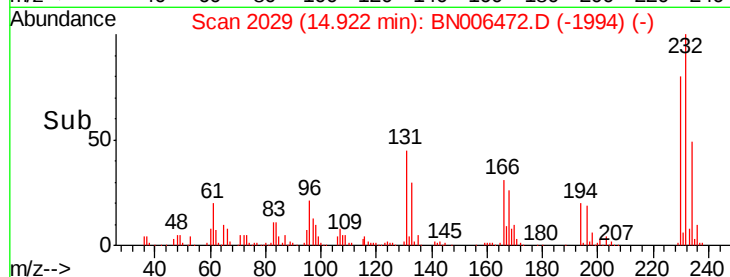
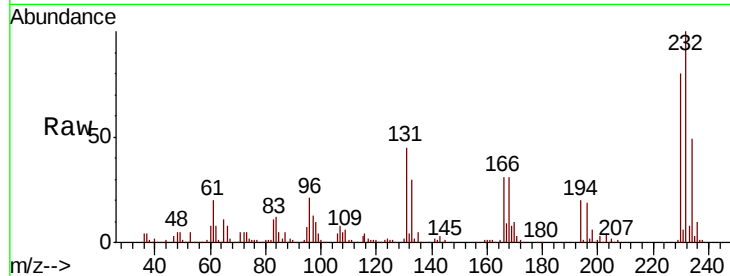




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 30.452 ng/ul
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

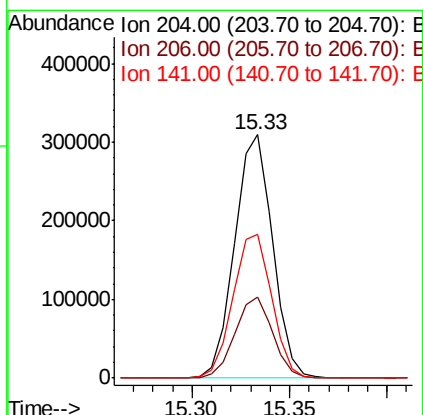
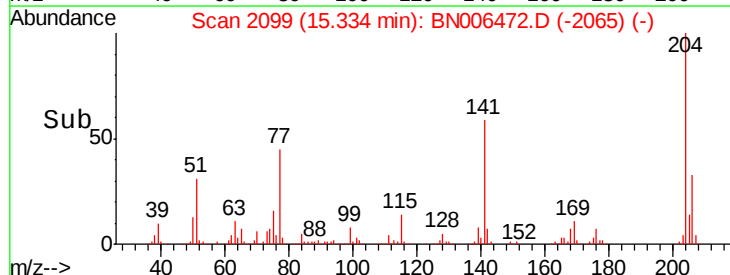
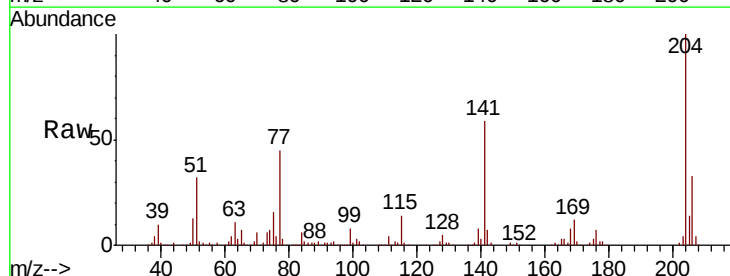
Instrument :
 BNA_N
 ClientSampleId :
 A41R5

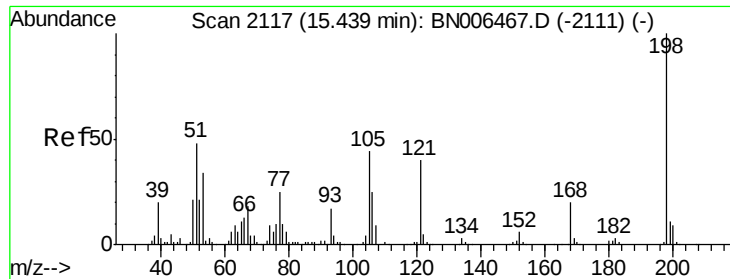
Tgt Ion: 232 Resp: 289094
 Ion Ratio Lower Upper
 232 100
 131 44.9 37.8 56.6
 130 2.4 2.0 3.0
 166 31.5 25.4 38.2



#59
 4-Chlorophenyl-phenylether
 Concen: 21.097 ng/ul
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion: 204 Resp: 417717
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.3 39.5
 141 58.9 47.5 71.3

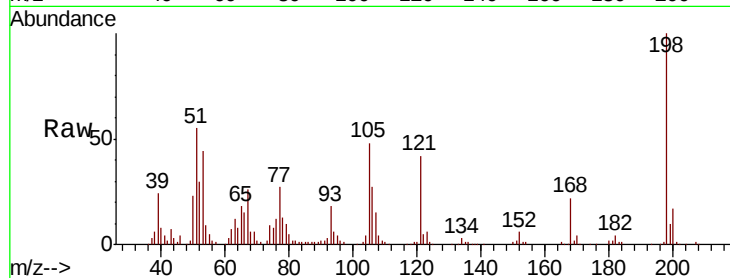




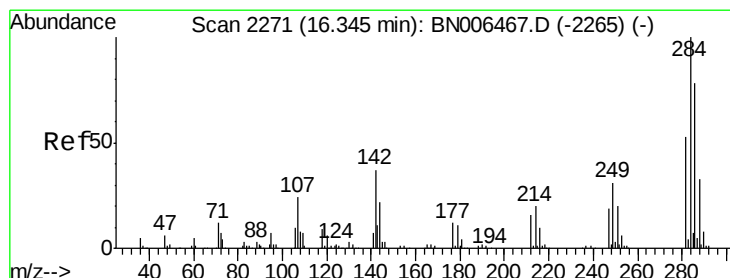
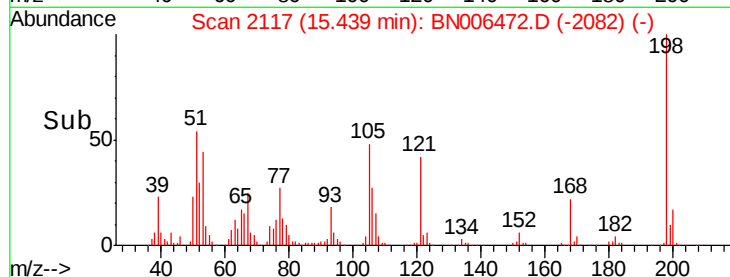
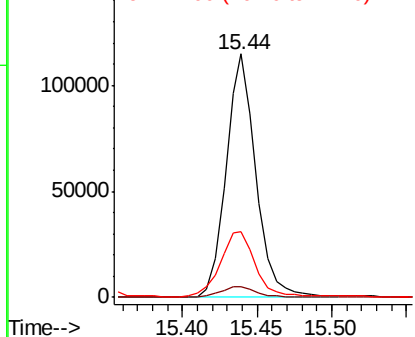
#63
 4,6-Dinitro-2-methylphenol
 Concen: 22.019 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Instrument :
 BNA_N
 ClientSampleId :
 A41R5

Tgt Ion:198 Resp: 160150
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.0 4.6
 77 26.8 21.3 31.9

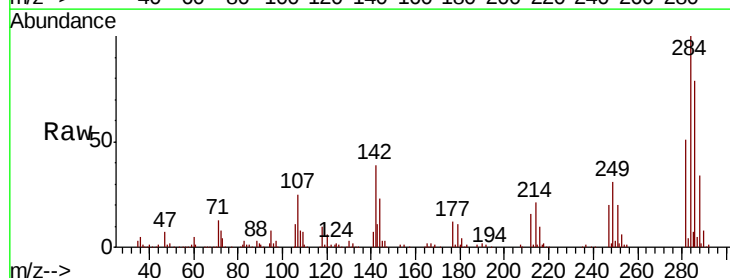


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

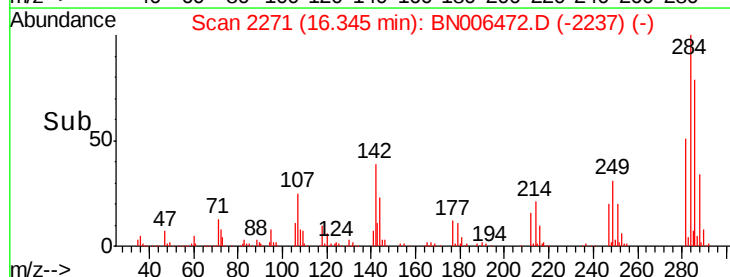
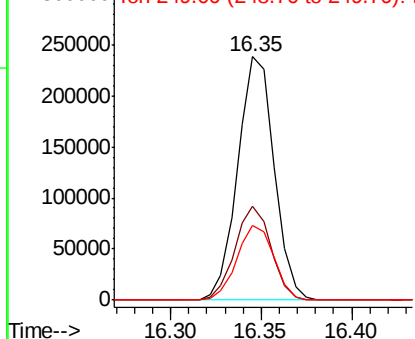


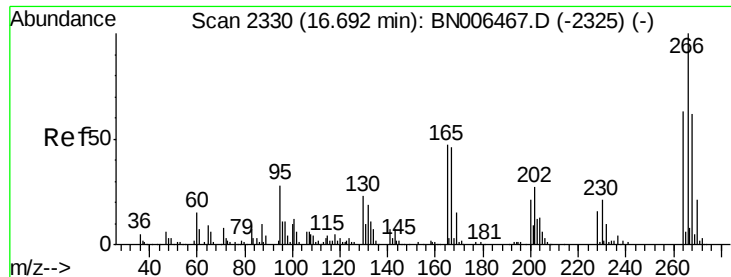
#66
 Hexachlorobenzene
 Concen: 24.677 ng/ul
 RT: 16.35 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion:284 Resp: 332884
 Ion Ratio Lower Upper
 284 100
 142 38.7 30.6 45.8
 249 30.5 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

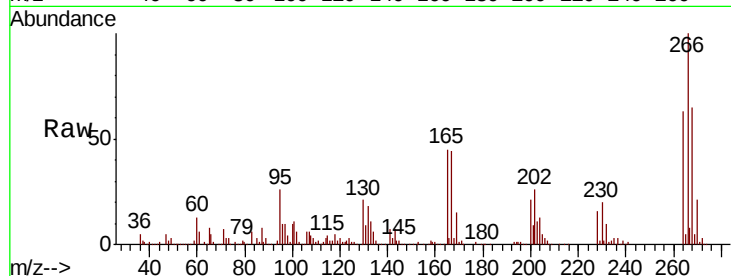




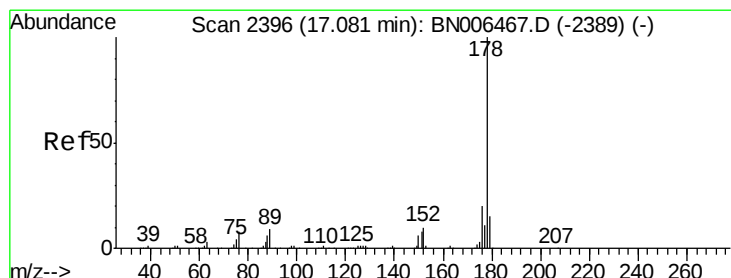
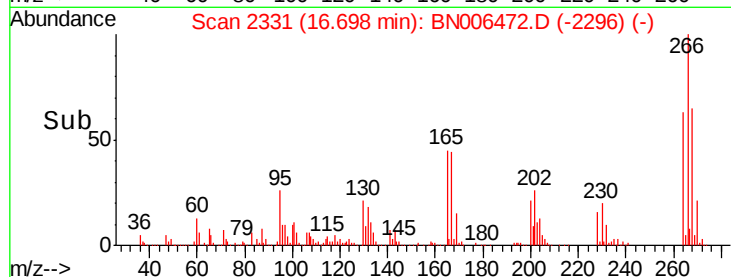
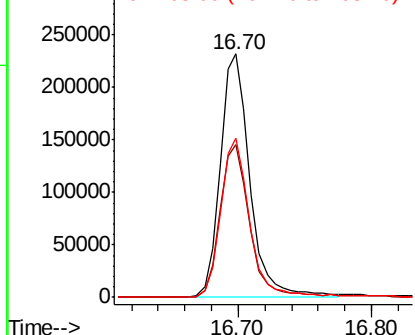
#68
 Pentachlorophenol
 Concen: 55.161 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.01 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Instrument :
 BNA_N
 ClientSampleId :
 A41R5

Tgt Ion:266 Resp: 362648
 Ion Ratio Lower Upper
 266 100
 264 62.7 47.8 71.6
 268 65.3 50.8 76.2

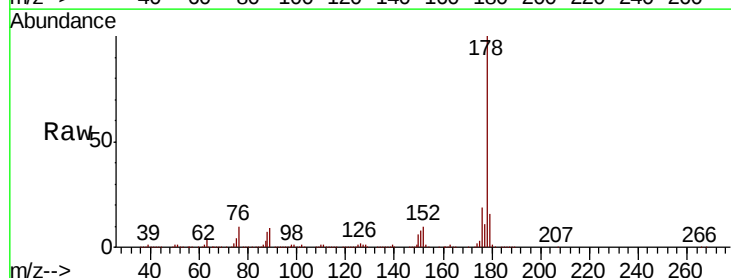


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

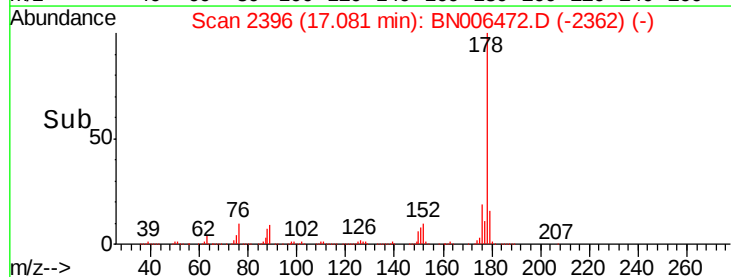
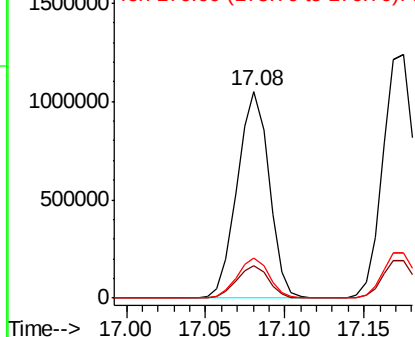


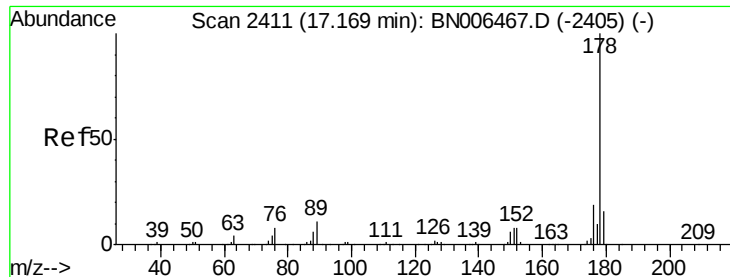
#69
 Phenanthrene
 Concen: 22.667 ng/ul
 RT: 17.08 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion:178 Resp: 1468626
 Ion Ratio Lower Upper
 178 100
 179 15.6 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

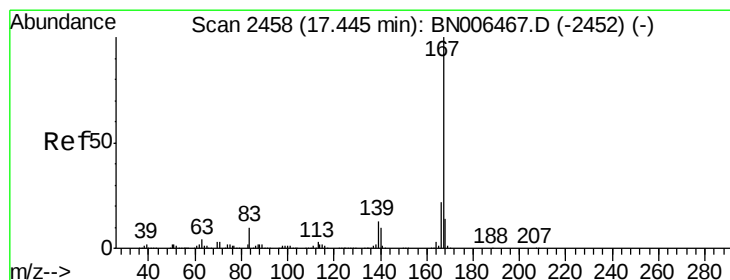
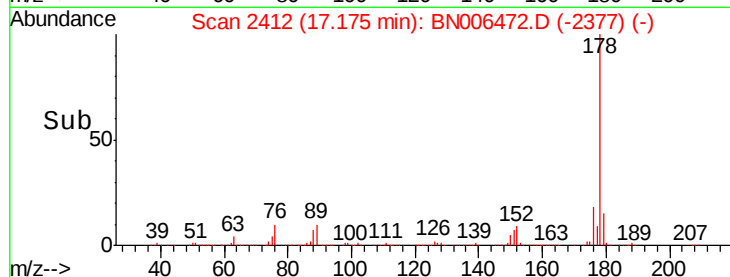
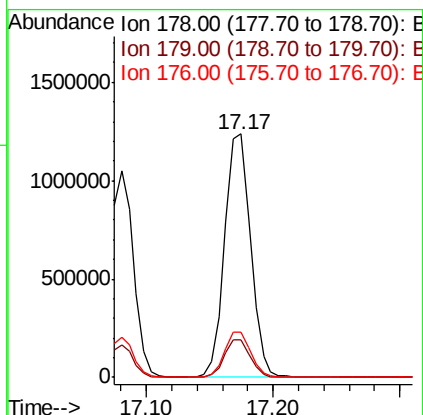
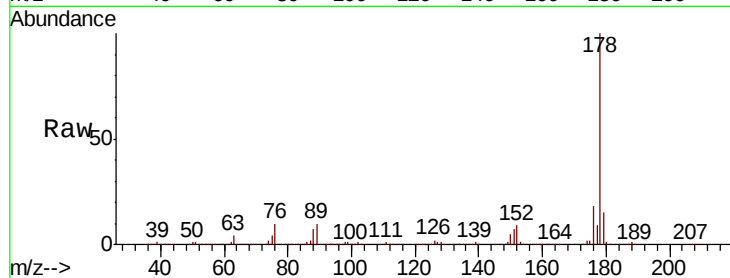




#71
 Anthracene
 Concen: 26.627 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. 0.01 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

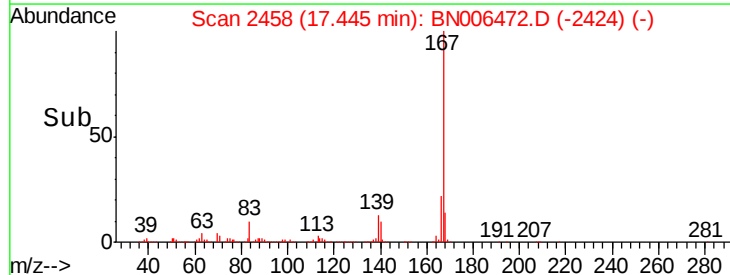
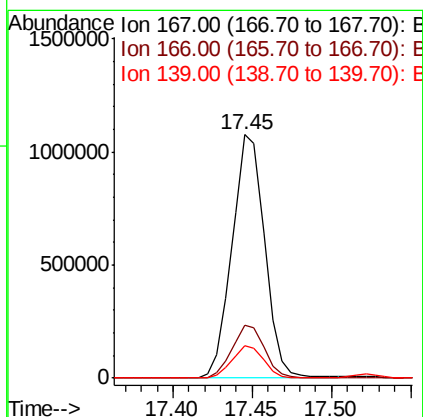
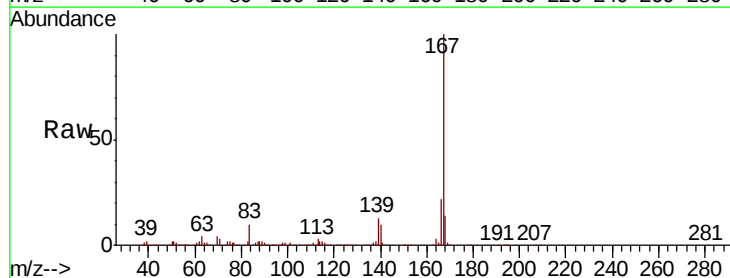
Instrument :
 BNA_N
 ClientSampleId :
 A41R5

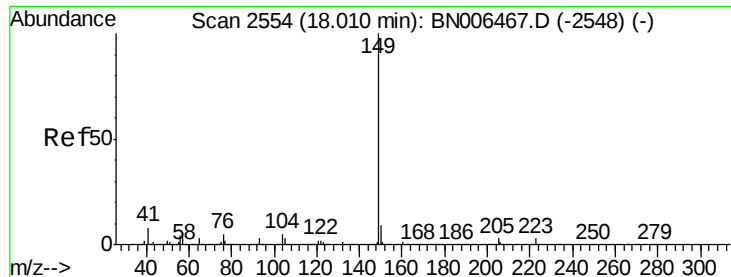
Tgt Ion:178 Resp: 1751307
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 18.4 14.7 22.1



#74
 Carbazole
 Concen: 27.064 ng/ul
 RT: 17.45 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BN006472.D
 Acq: 21 Jun 2019 18:40

Tgt Ion:167 Resp: 1536200
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.1 10.5 15.7





#75

Di-n-butylphthalate

Concen: 23.363 ng/ul

RT: 18.01 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

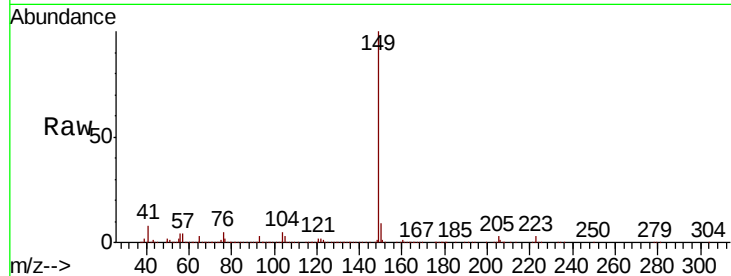
Tgt Ion:149 Resp: 1692887

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

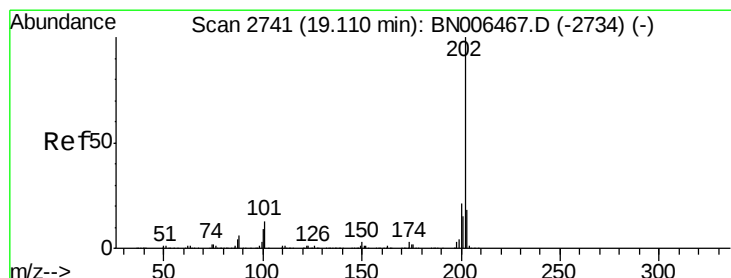
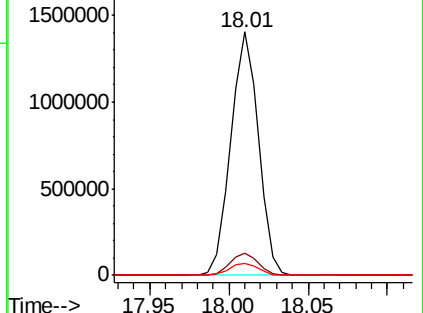
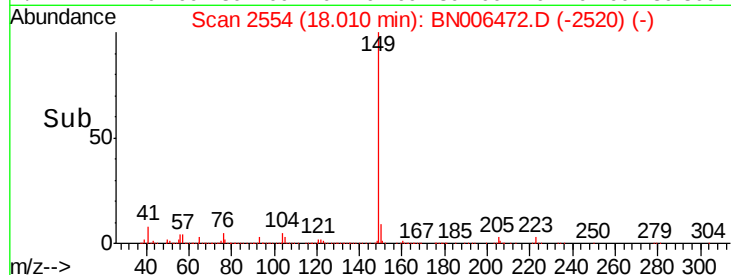
104 5.1 4.2 6.2



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: 52.562 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

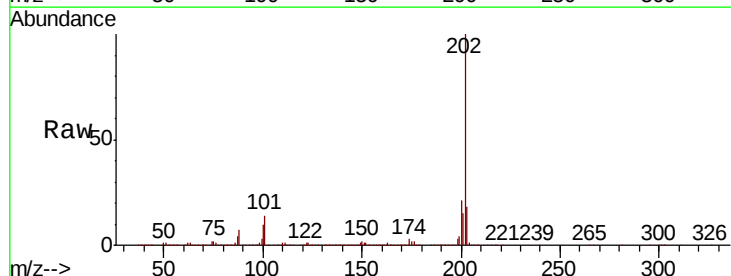
Tgt Ion:202 Resp: 3670285

Ion Ratio Lower Upper

202 100

101 13.6 10.5 15.7

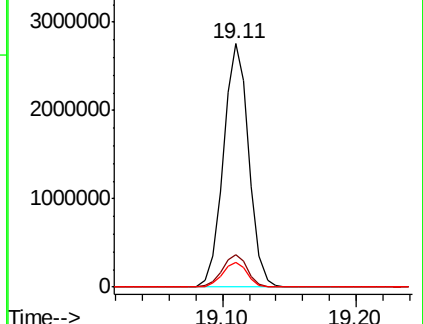
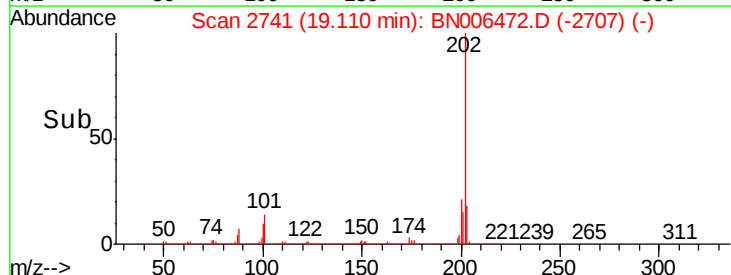
100 10.2 7.6 11.4

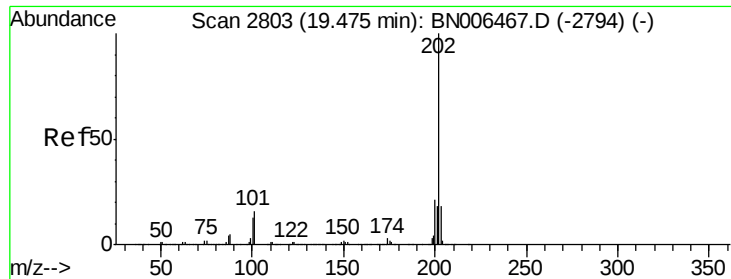


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 38.346 ng/ul

RT: 19.48 min Scan# 2804

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

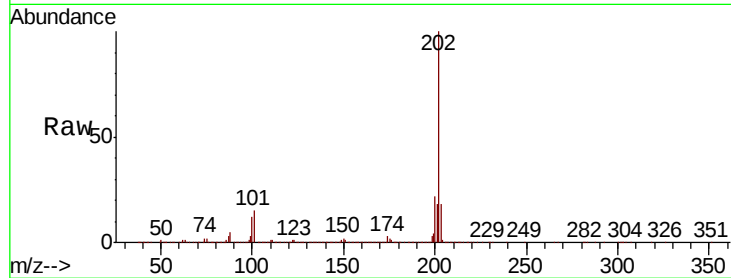
Tgt Ion:202 Resp: 2689033

Ion Ratio Lower Upper

202 100

101 15.0 12.2 18.4

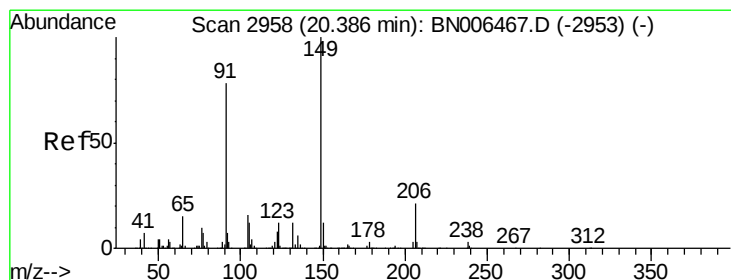
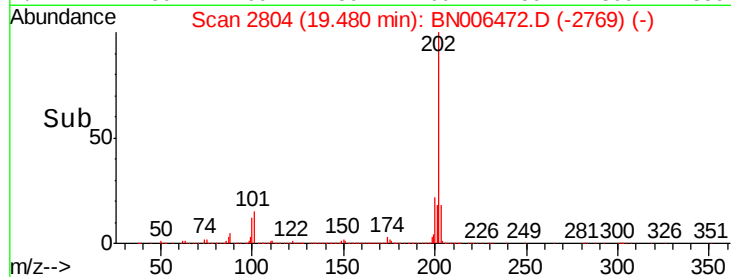
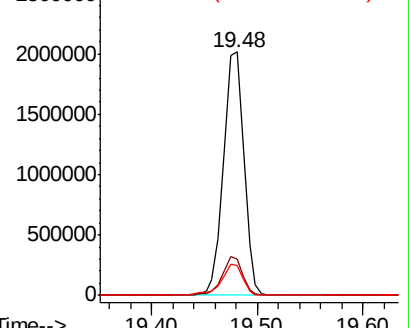
100 12.0 9.8 14.6



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: 24.916 ng/ul

RT: 20.39 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

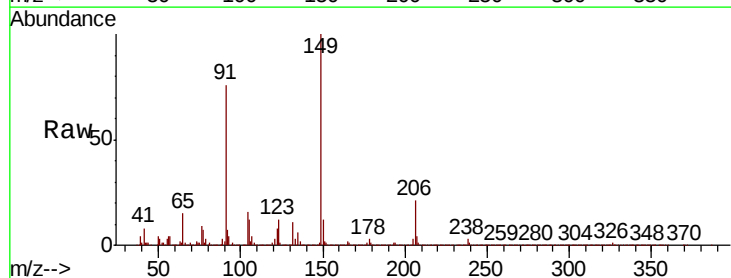
Tgt Ion:149 Resp: 783452

Ion Ratio Lower Upper

149 100

91 76.2 62.7 94.1

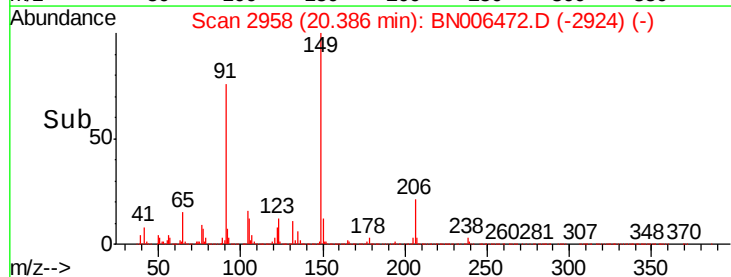
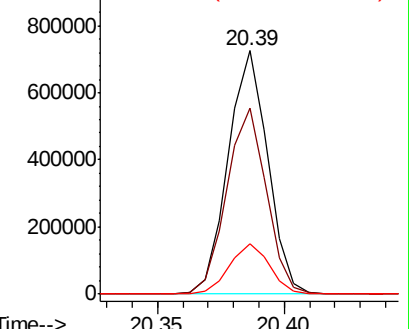
206 20.8 16.3 24.5

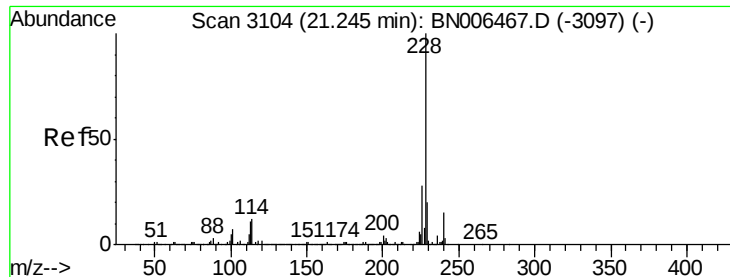


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 42.670 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

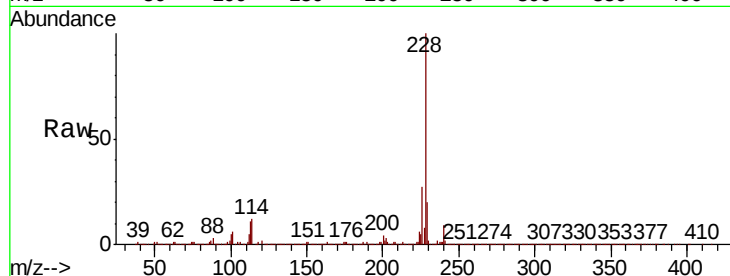
Tgt Ion:228 Resp: 3003917

Ion Ratio Lower Upper

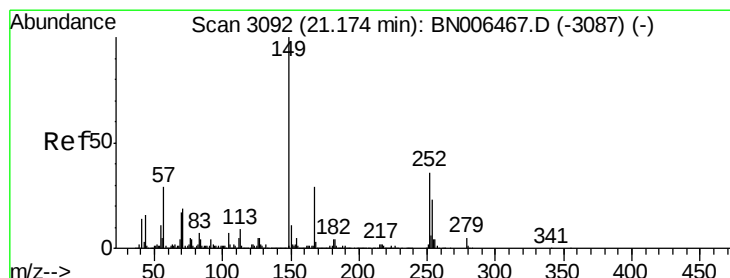
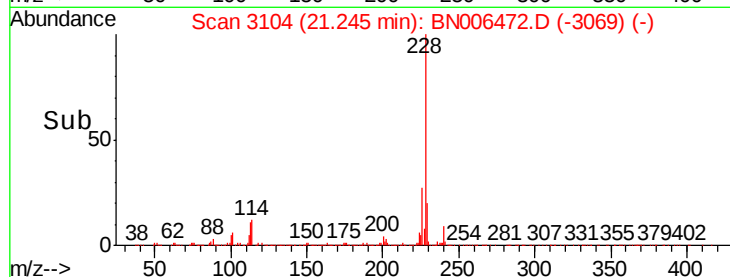
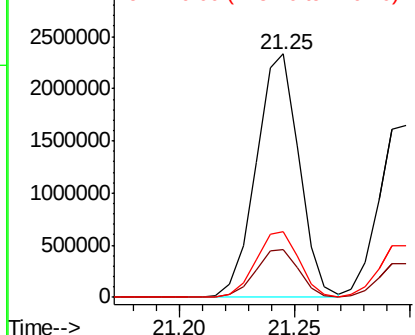
228 100

229 19.7 15.6 23.4

226 27.2 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: 31.578 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

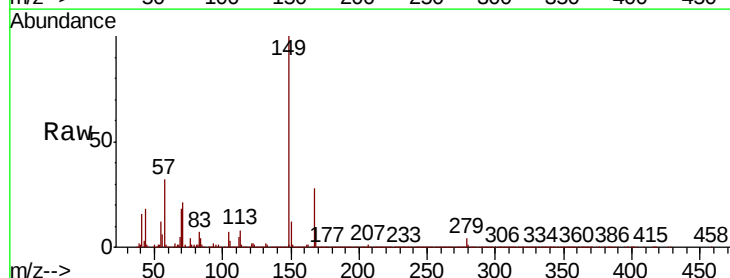
Tgt Ion:149 Resp: 1423842

Ion Ratio Lower Upper

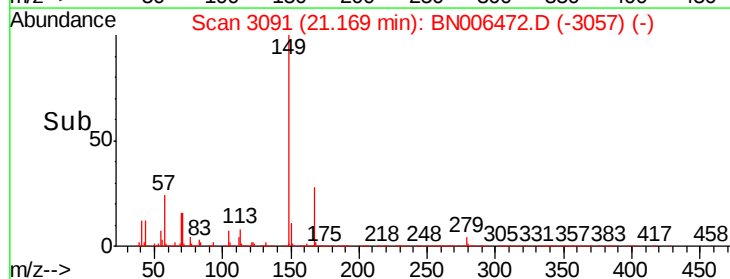
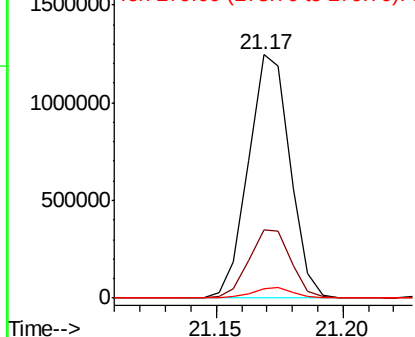
149 100

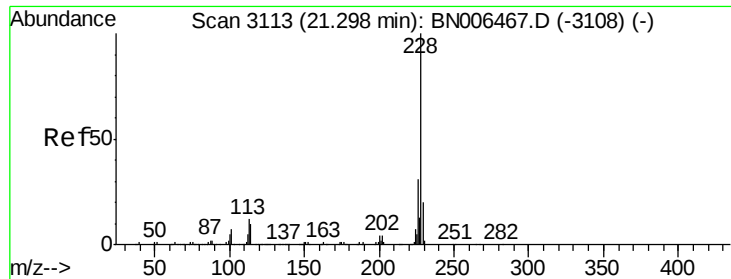
167 28.0 22.2 33.4

279 4.0 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: 31.143 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

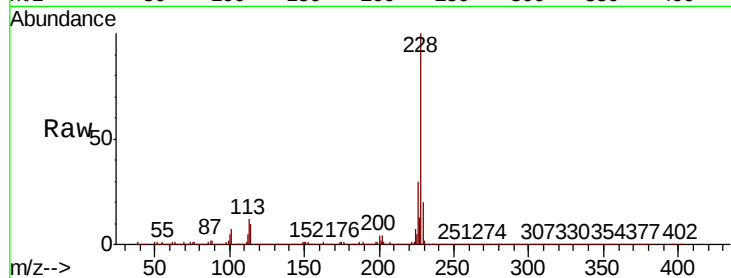
Tgt Ion:228 Resp: 2086606

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.7 15.9 23.9

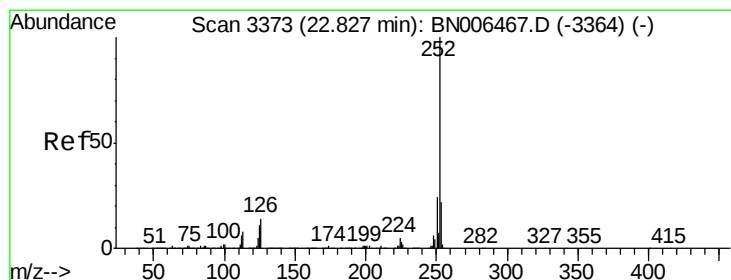
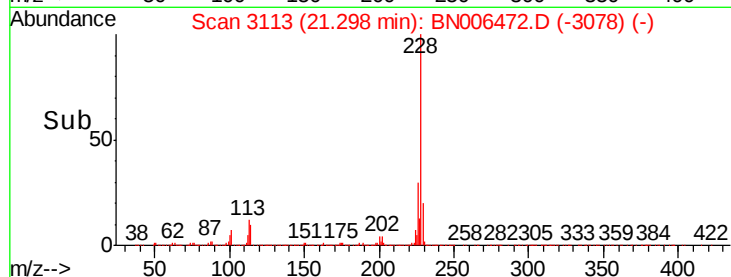
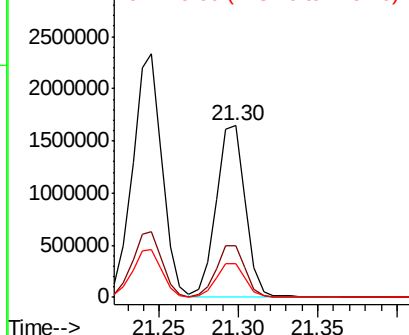


Abundance

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: 32.736 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

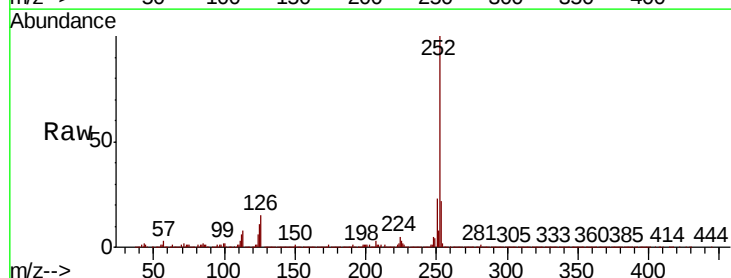
Tgt Ion:252 Resp: 1982815

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.3 9.0 13.6

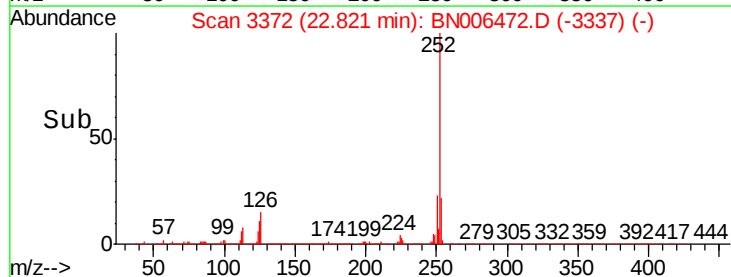
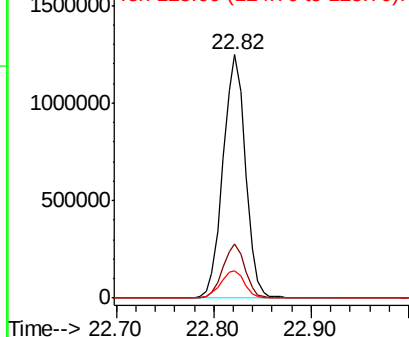


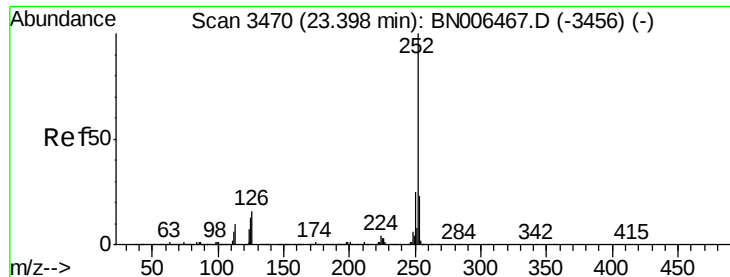
Abundance

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: 30.107 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

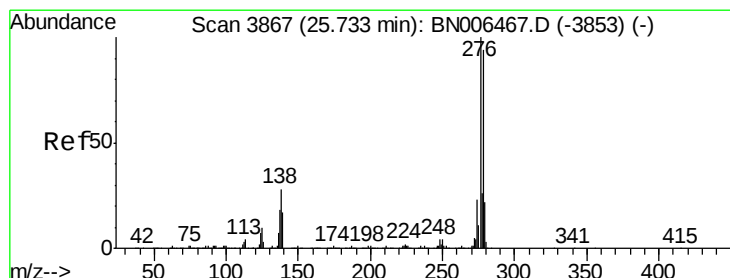
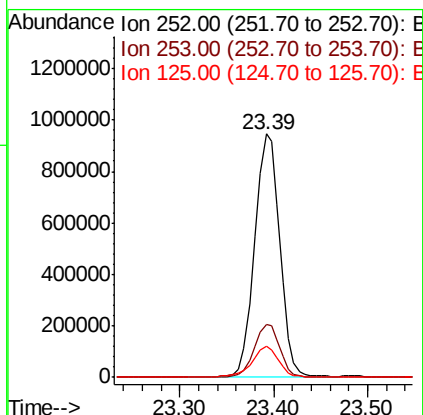
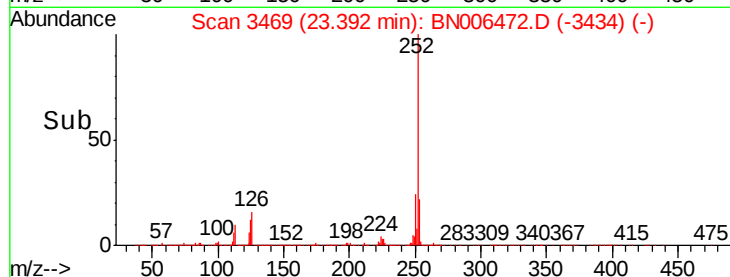
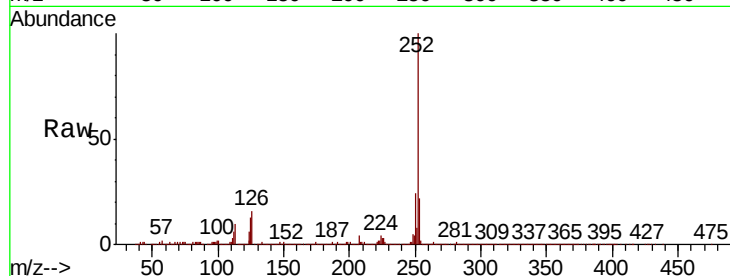
Tgt Ion:252 Resp: 1748588

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.7 10.0 15.0



#91

Indeno(1,2,3-cd)pyrene

Concen: 30.528 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

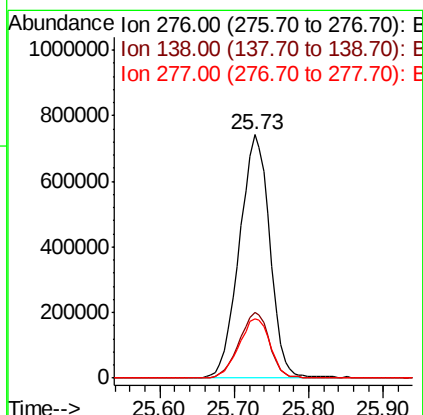
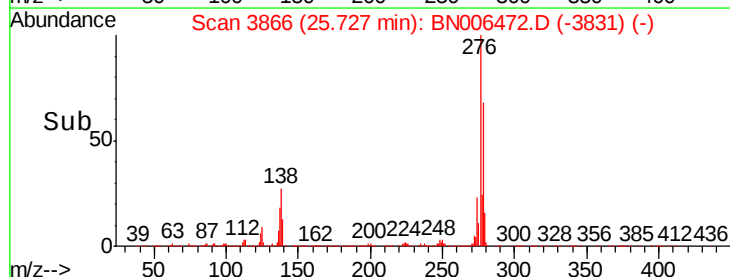
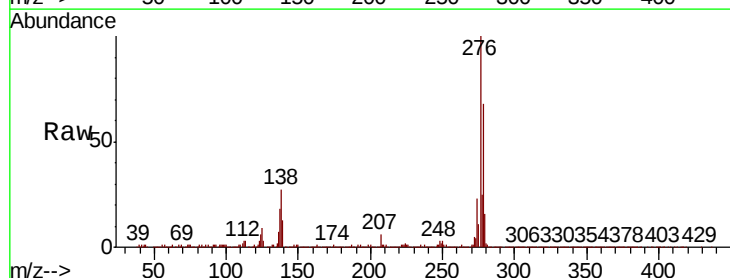
Tgt Ion:276 Resp: 2098351

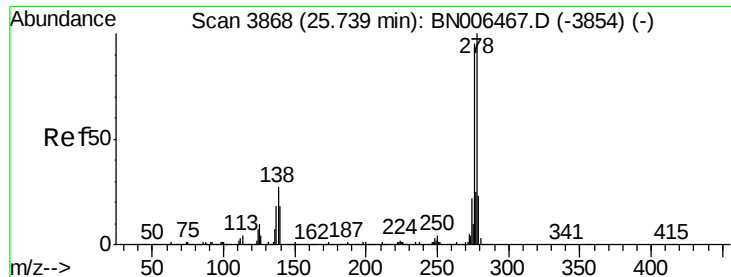
Ion Ratio Lower Upper

276 100

138 27.0 22.2 33.4

277 24.6 20.2 30.4





#92

Dibenzo(a,h)anthracene

Concen: 24.046 ng/ul

RT: 25.74 min Scan# 3868

Delta R.T. 0.01 min

Lab File: BN006472.D

Acq: 21 Jun 2019 18:40

Instrument :

BNA_N

ClientSampleId :

A41R5

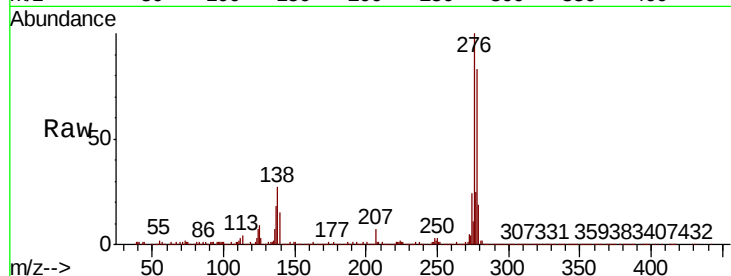
Tgt Ion:278 Resp: 1368667

Ion Ratio Lower Upper

278 100

139 17.8 14.2 21.4

279 23.0 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

