

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005167.D
 Acq On : 22 Apr 2019 11:03
 Operator : JU/SJ
 Sample : K2365-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2G57

Quant Time: Apr 23 06:41:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	410502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1825320	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1117362	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2539394	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	2296886	20.00	ng/ul	0.02
85) Perylene-d12	23.45	264	2210570	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	38147	4.49	ng/uL	0.00
5) Phenol-d5	6.78	99	985371	30.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	590015	29.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	743013	30.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	792439	31.44	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	370023	32.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	399205	35.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	794669	30.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	903915	33.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	2848803	35.12	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3276286	32.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	454784	35.51	ng/ul	0.00
57) Fluorene-d10	15.23	176	2329346	34.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	368158	32.23	ng/ul	0.00
70) Anthracene-d10	17.09	188	3804233	35.74	ng/ul	0.00
78) Pyrene-d10	19.40	212	4222253	35.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	3683500	38.13	ng/ul	0.04

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	122562	13.403	ng/uL 88
4) Benzaldehyde	6.75	77	600441	26.280	ng/ul 95
6) Phenol	6.80	94	1616462	48.743	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.04	93	906194	34.127	ng/ul 97
17) Hexachloroethane	8.66	117	505947	45.675	ng/ul 99
20) Nitrobenzene	8.78	77	601901	19.467	ng/ul 99
23) 2-Nitrophenol	9.49	139	529870	41.056	ng/ul 96
28) Naphthalene	10.41	128	3230573	38.071	ng/ul 99
34) 2-Methylnaphthalene	12.03	142	3234437	52.057	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	656573	18.987	ng/ul 97
39) 2,4,5-Trichlorophenol	12.72	196	1335836	59.619	ng/ul 98
40) 1,1'-Biphenyl	13.06	154	3126851	37.558	ng/ul 100
41) 2-Chloronaphthalene	13.10	162	2362824	36.902	ng/ul 99
47) Acenaphthylene	13.95	152	3525030	36.005	ng/ul 99
49) Acenaphthene	14.30	153	2099687	31.415	ng/ul 100
52) 4-Nitrophenol	14.45	109	331499	28.516	ng/ul 94
53) Dibenzofuran	14.63	168	1593019	16.554	ng/ul 99
54) 2,4-Dinitrotoluene	14.60	165	607815	30.213	ng/ul 95
56) Diethylphthalate	15.08	149	1780987	21.977	ng/ul 100
58) Fluorene	15.29	166	2873313	38.265	ng/ul 98
66) Hexachlorobenzene	16.29	284	450563	16.540	ng/ul 97
69) Phenanthrene	17.03	178	4007541	32.404	ng/ul 99
71) Anthracene	17.13	178	6696551	53.154	ng/ul 99

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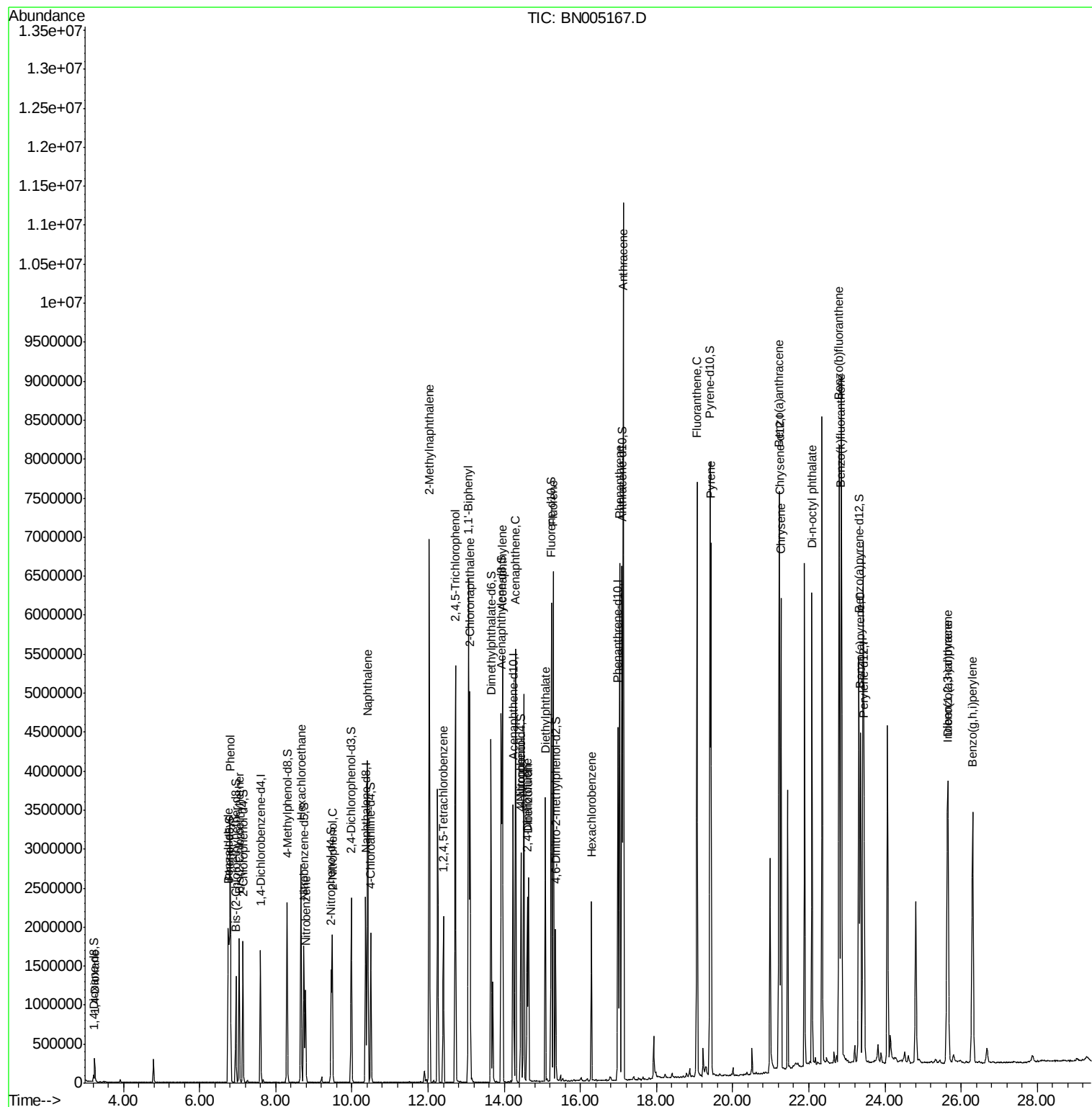
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Fluoranthene	19.06	202	4532063	33.038	ng/ul	100
79) Pyrene	19.43	202	4066868	27.499	ng/ul	98
82) Benzo(a)anthracene	21.22	228	3512999	24.585	ng/ul	100
84) Chrysene	21.27	228	2859494	21.562	ng/ul	99
86) Di-n-octyl phthalate	22.08	149	3613083	26.686	ng/ul	100
87) Benzo(b)fluoranthene	22.80	252	5468542	44.008	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	2721809	22.934	ng/ul	100
90) Benzo(a)pyrene	23.36	252	3032271	25.961	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	2844206	22.025	ng/ul	98
92) Dibenzo(a,h)anthracene	25.65	278	1636479	14.932	ng/ul	99
93) Benzo(a,h,i)perylene	26.30	276	3727016	34.904	ng/ul	98

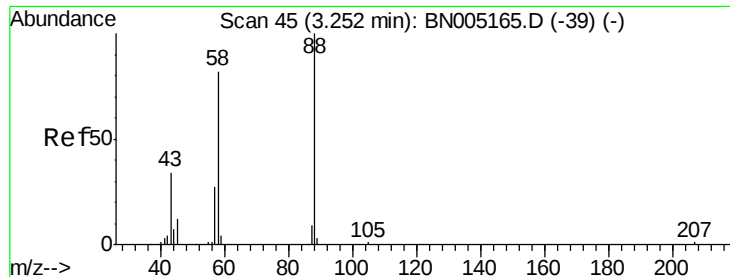
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 13.403 ng/uL

RT: 3.25 min Scan# 44

Delta R.T. -0.01 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

X2G57

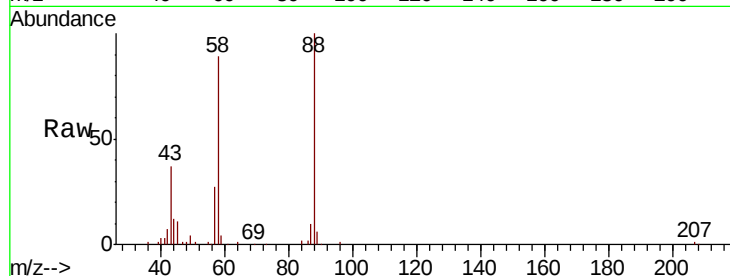
Tot Ion: 88 Resp: 122562

Ion Ratio Lower Upper

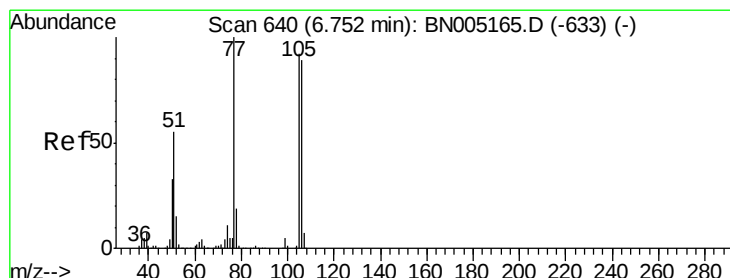
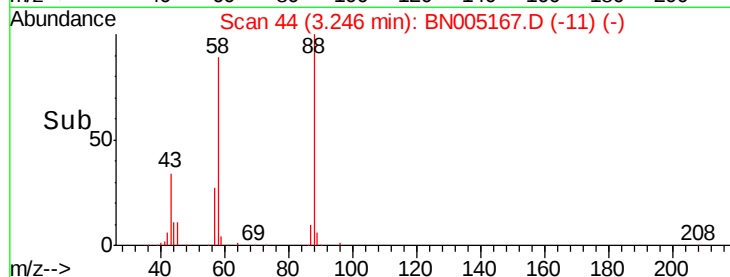
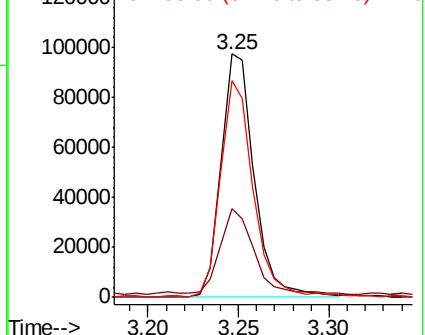
88 100

43 36.7 25.3 37.9

58 89.1 62.3 93.5



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: 26.280 ng/uL

RT: 6.75 min Scan# 640

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

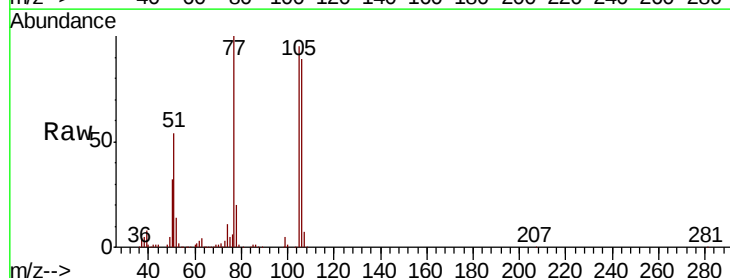
Tgt Ion: 77 Resp: 600441

Ion Ratio Lower Upper

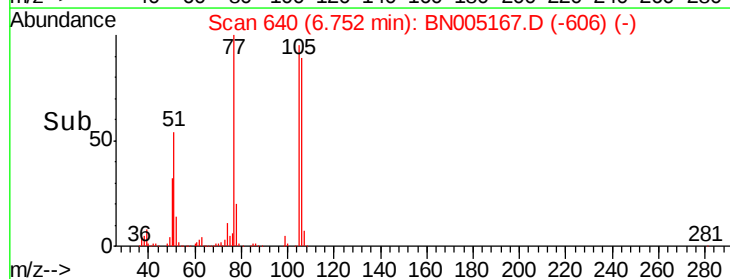
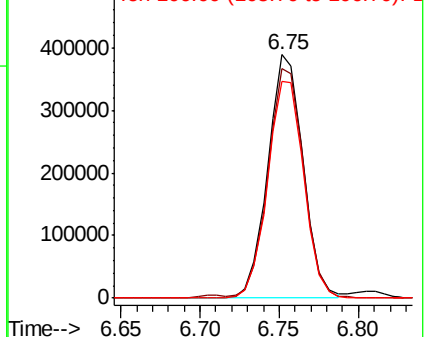
77 100

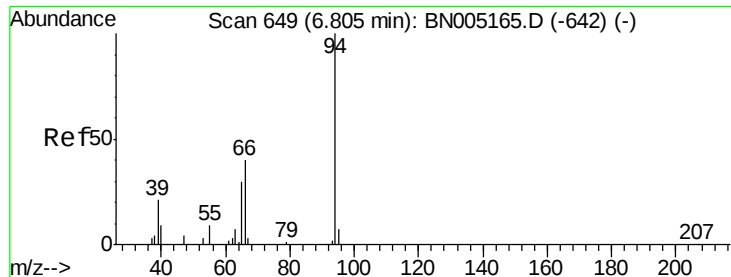
105 94.5 77.4 116.2

106 88.8 76.3 114.5



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: 48.743 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

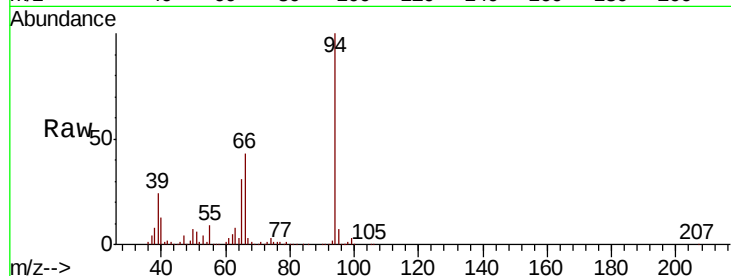
BNA_N

ClientSampled :

X2G57

Tot Ion: 94 Resp: 1616462

Ion	Ratio	Lower	Upper
94	100		
65	30.9	24.2	36.4
66	43.2	33.8	50.6

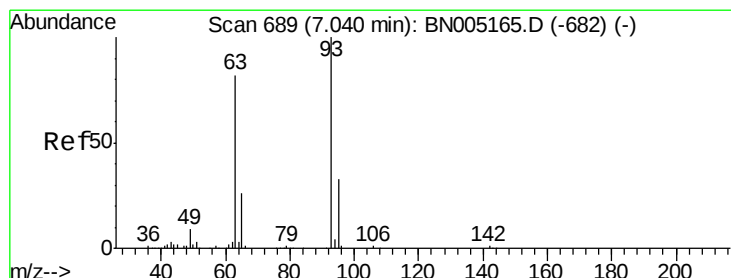
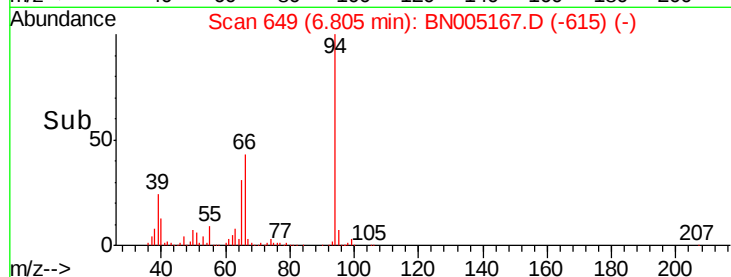
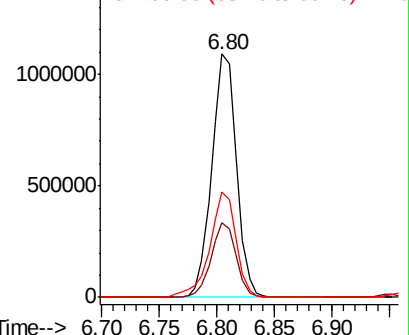


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 34.127 ng/ul

RT: 7.04 min Scan# 689

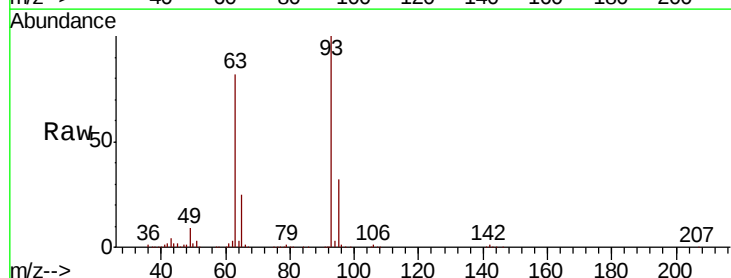
Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Tgt Ion: 93 Resp: 906194

Ion	Ratio	Lower	Upper
93	100		
63	81.6	67.1	100.7
95	32.2	26.9	40.3

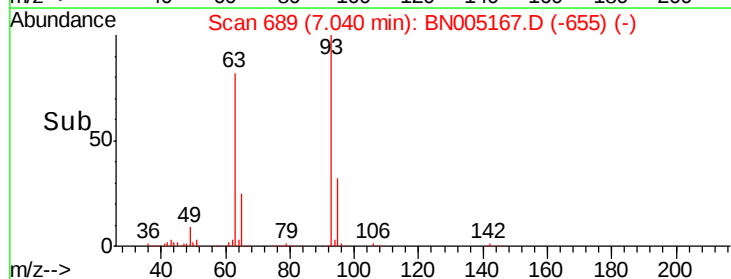
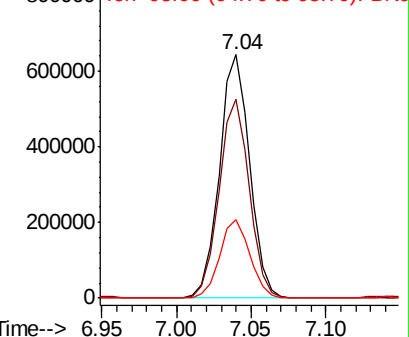


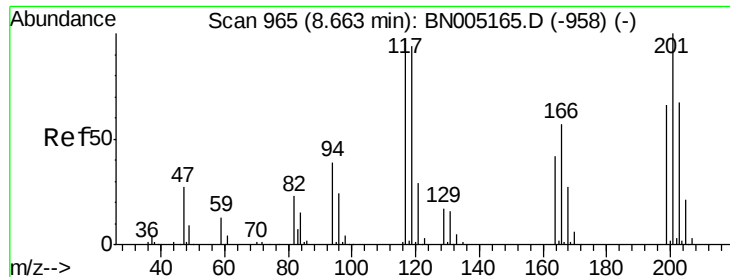
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

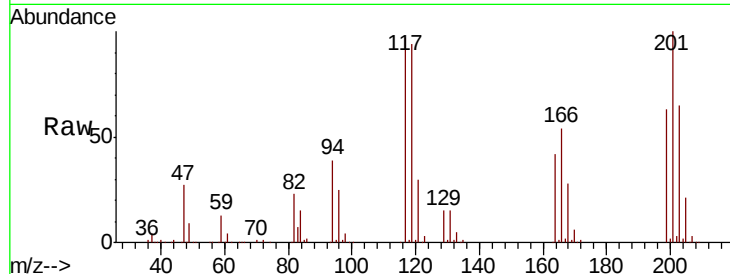




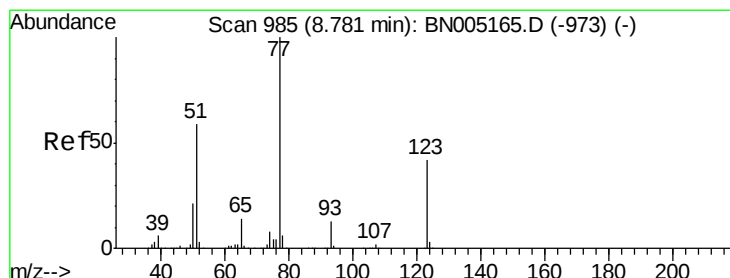
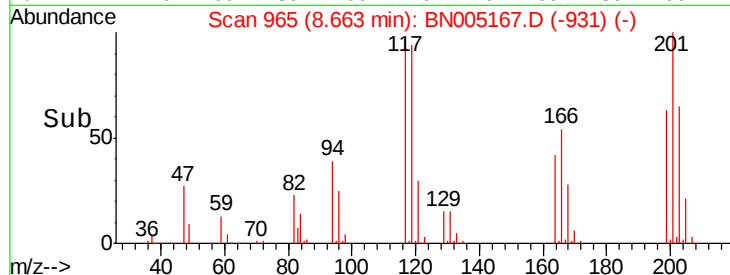
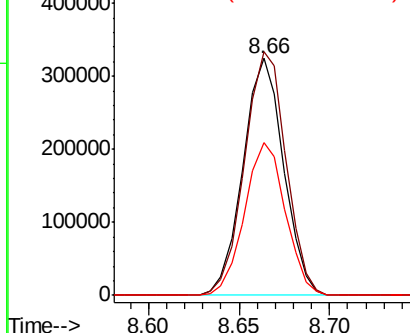
#17
Hexachloroethane
Concen: 45.675 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. 0.00 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Instrument :
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Tot Ion:117 Resp: 505947
Ion Ratio Lower Upper
117 100
201 102.9 84.1 126.1
199 64.3 51.2 76.8

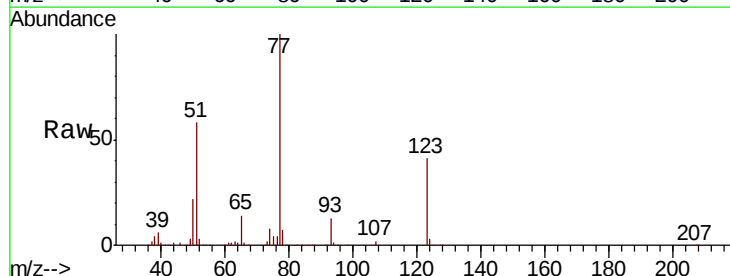


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

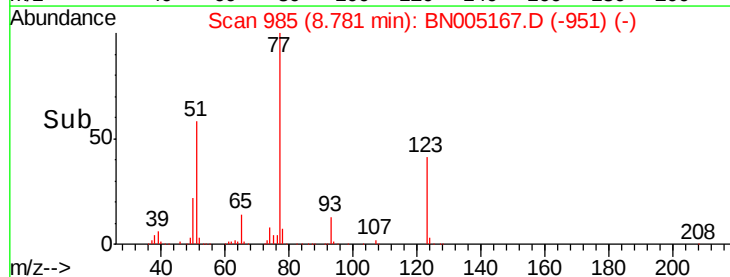
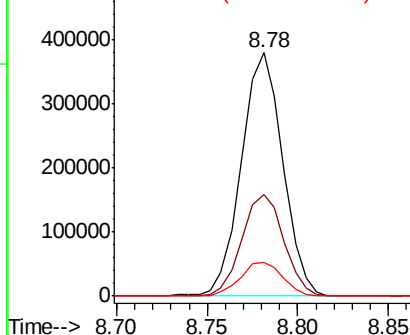


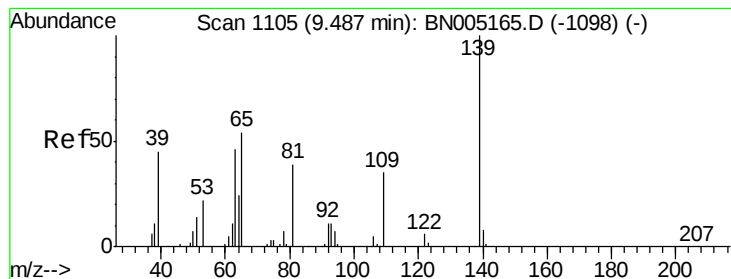
#20
Nitrobenzene
Concen: 19.467 ng/ul
RT: 8.78 min Scan# 985
Delta R.T. 0.00 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Tgt Ion: 77 Resp: 601901
Ion Ratio Lower Upper
77 100
123 41.4 32.6 49.0
65 13.8 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#23

2-Nitrophenol

Concen: 41.056 ng/ul

RT: 9.49 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

X2G57

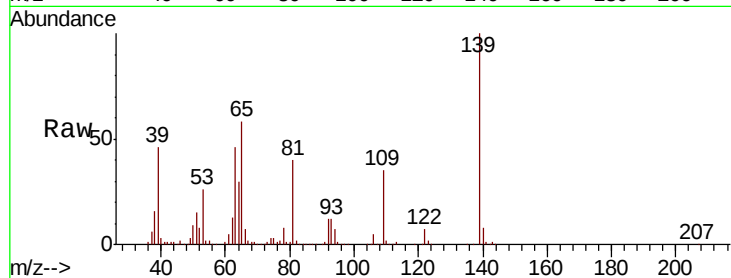
Tot Ion:139 Resp: 529870

Ion Ratio Lower Upper

139 100

65 58.2 44.2 66.4

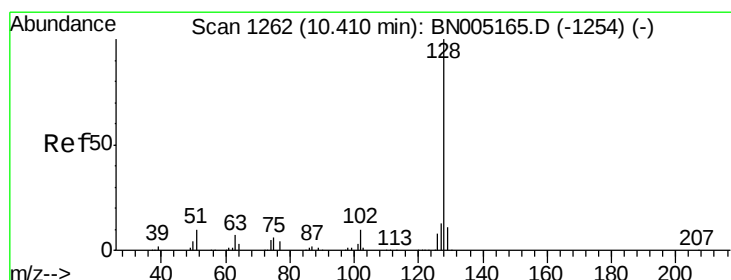
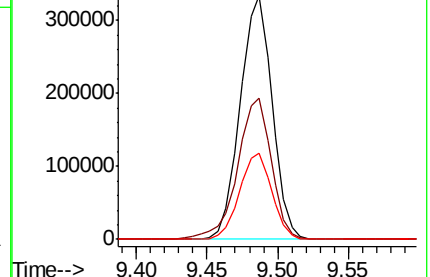
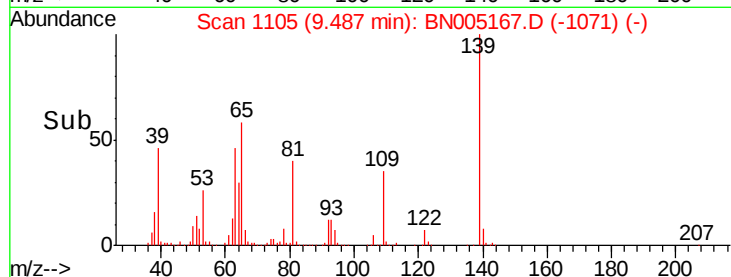
109 35.3 26.8 40.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B

Ion 109.00 (108.70 to 109.70): E



#28

Naphthalene

Concen: 38.071 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

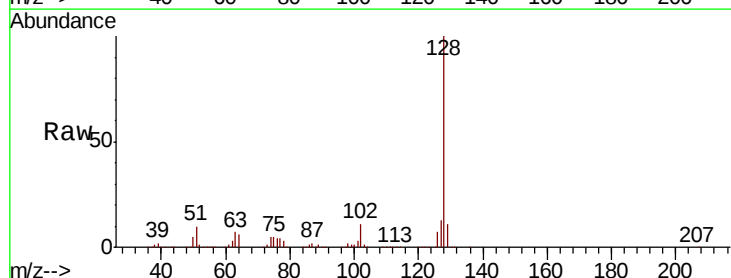
Tgt Ion:128 Resp: 3230573

Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

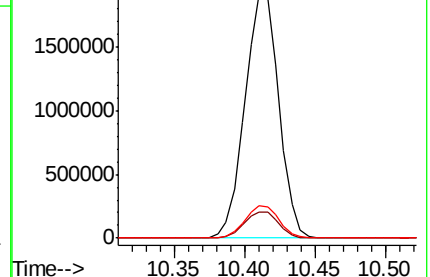
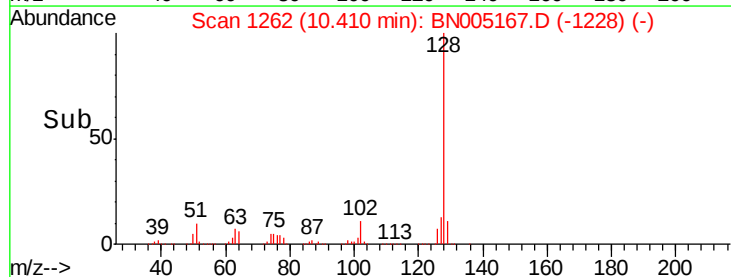
127 13.2 10.7 16.1

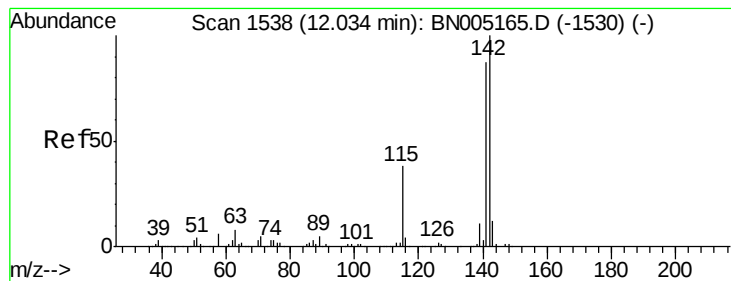


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 52.057 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

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BNA_N

ClientSampled :

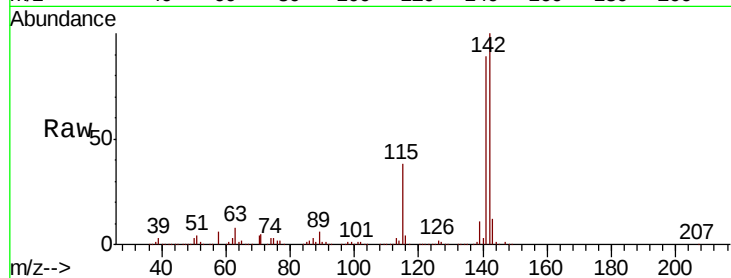
X2G57

Tot Ion:142 Resp: 3234437

Ion Ratio Lower Upper

142 100

141 89.1 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

2000000

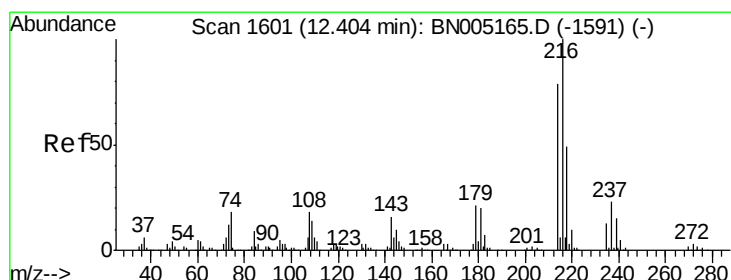
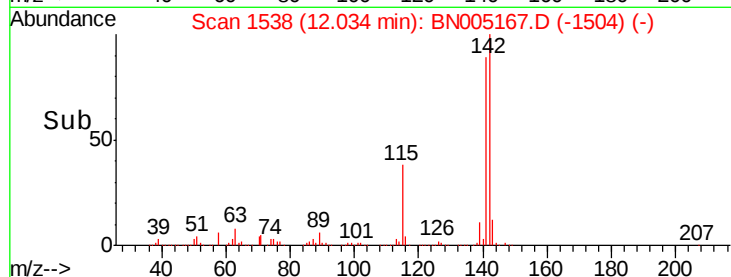
1500000

1000000

500000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.987 ng/ul

RT: 12.40 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Tgt Ion:216 Resp: 656573

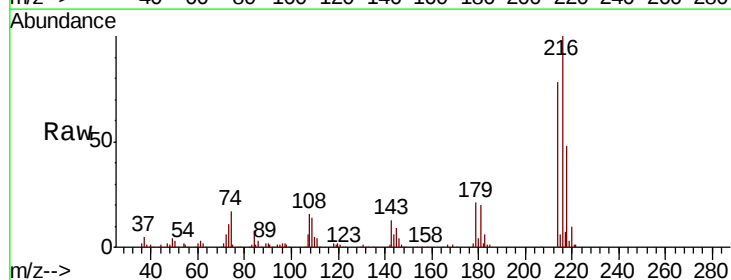
Ion Ratio Lower Upper

216 100

214 77.7 64.1 96.1

179 20.9 17.4 26.0

108 15.9 13.7 20.5



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

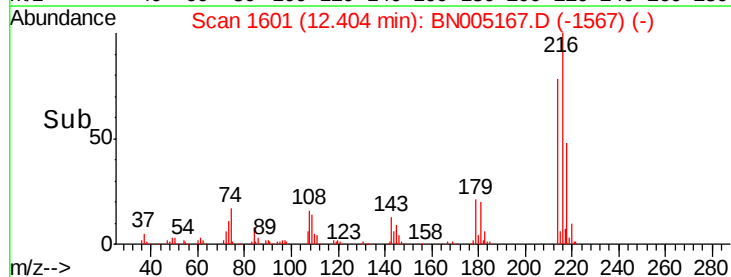
600000

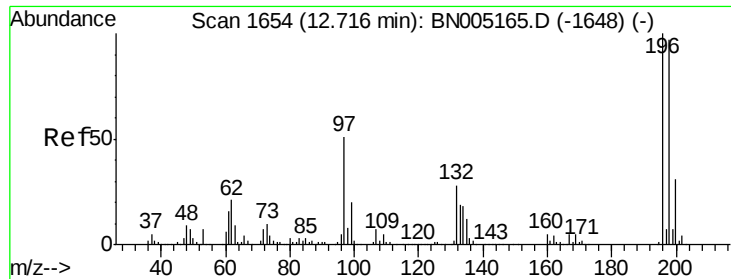
400000

200000

0

Time-->

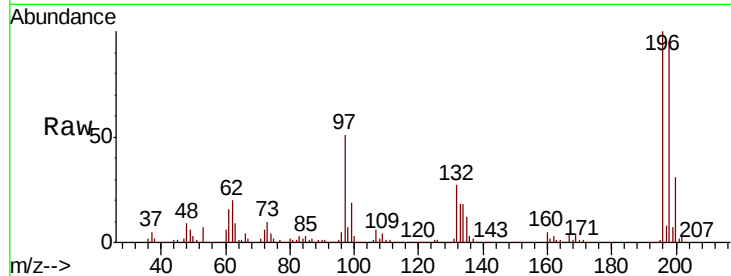




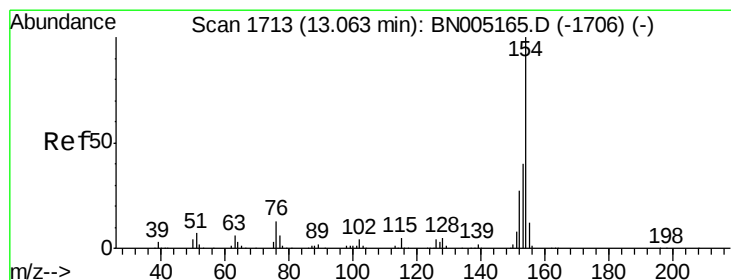
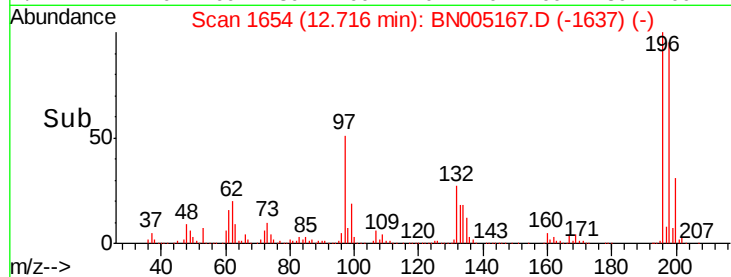
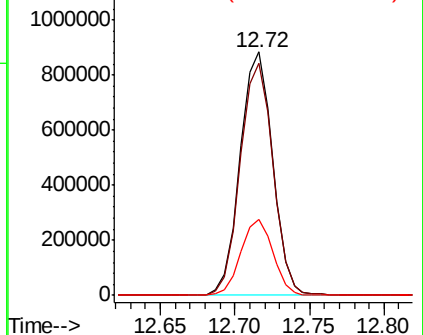
#39
 2,4,5-Trichlorophenol
 Concen: 59.619 ng/ul
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BN005167.D
 Acq: 22 Apr 2019 11:03

Instrument :
 BNA_N
 ClientSampleId :
 X2G57

Tot Ion:196 Resp: 1335836
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.0 112.4
 200 31.1 24.2 36.4

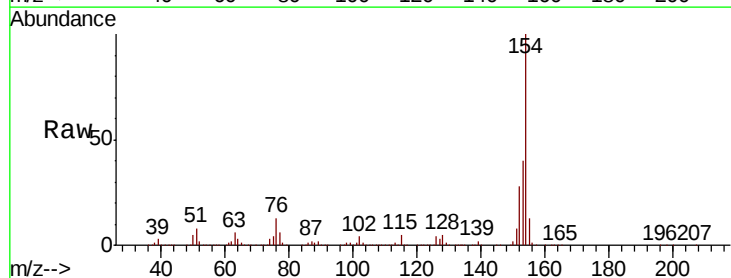


Abundance Ion 196.00 (195.70 to 196.70): E
 1200000 Ion 198.00 (197.70 to 198.70): E
 1000000 Ion 200.00 (199.70 to 200.70): E

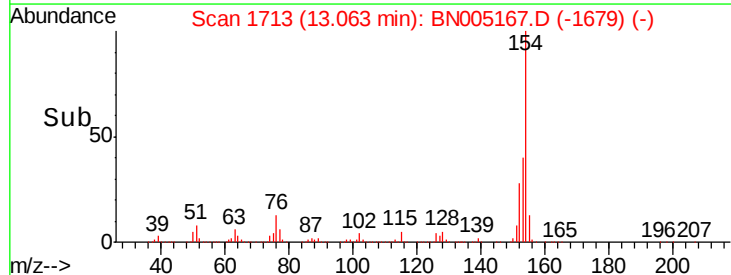
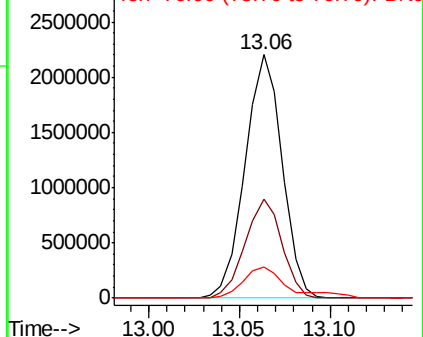


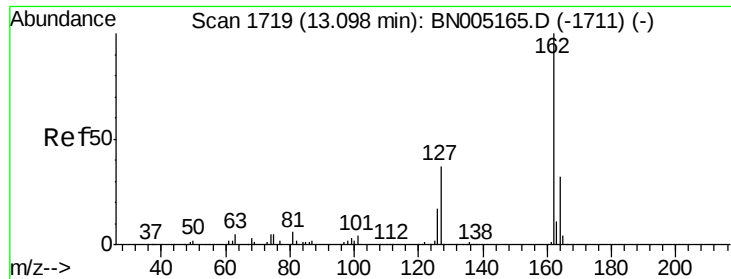
#40
 1,1'-Biphenyl
 Concen: 37.558 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BN005167.D
 Acq: 22 Apr 2019 11:03

Tgt Ion:154 Resp: 3126851
 Ion Ratio Lower Upper
 154 100
 153 40.5 32.6 49.0
 76 12.8 10.4 15.6



Abundance Ion 154.00 (153.70 to 154.70): E
 3000000 Ion 153.00 (152.70 to 153.70): E
 2500000 Ion 76.00 (75.70 to 76.70): BNO

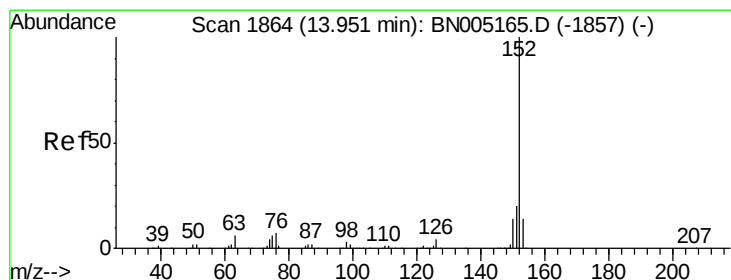
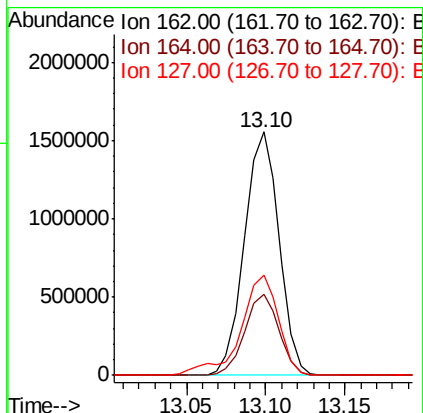
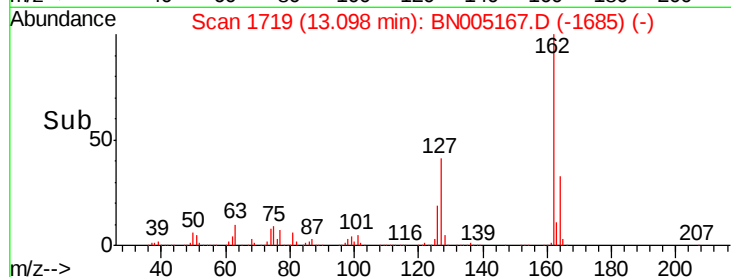
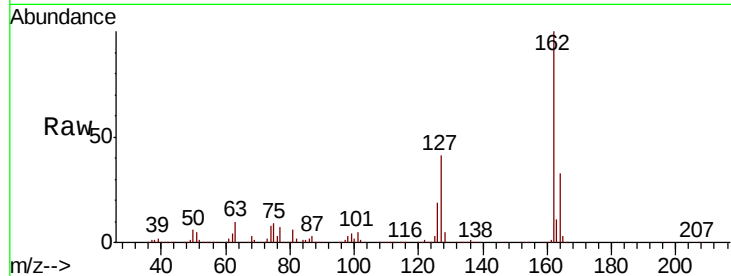




#41
2-Chloronaphthalene
Concen: 36.902 ng/ul
RT: 13.10 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

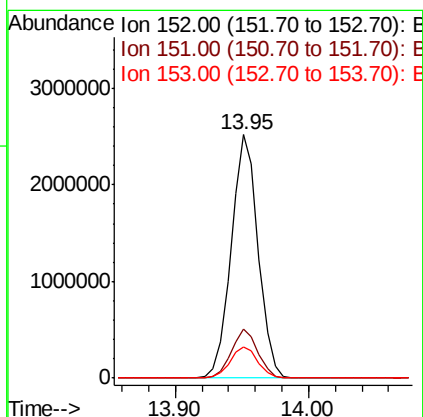
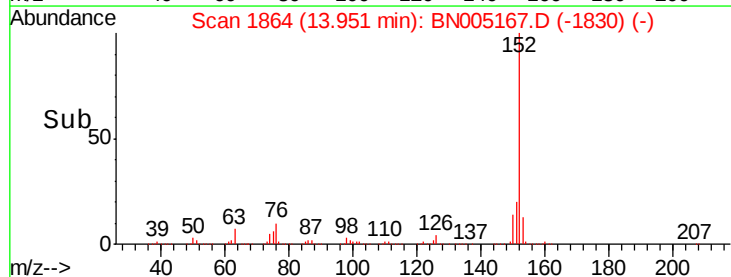
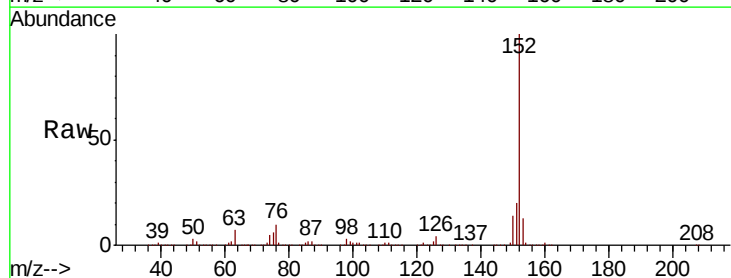
Instrument :
BNA_N
ClientSampleId :
X2G57

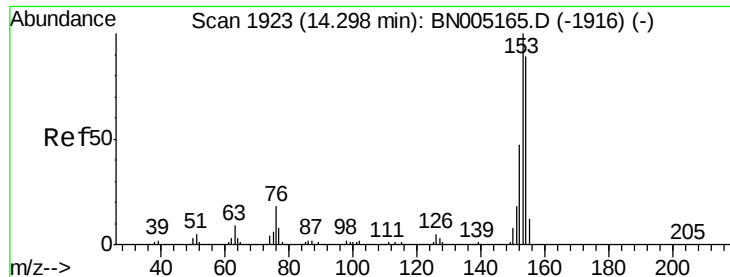
Tot Ion:162 Resp: 2362824
Ion Ratio Lower Upper
162 100
164 33.5 26.8 40.2
127 41.3 33.5 50.3



#47
Acenaphthylene
Concen: 36.005 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Tgt Ion:152 Resp: 3525030
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.0 9.8 14.8





#49

Acenaphthene

Concen: 31.415 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

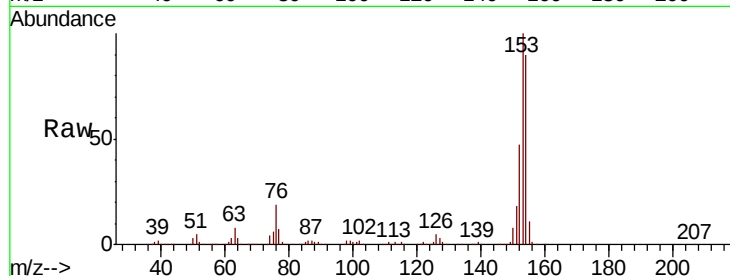
BNA_N

ClientSampleId :

X2G57

Tot Ion:153 Resp: 2099687

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.4	56.0
154	89.6	71.2	106.8

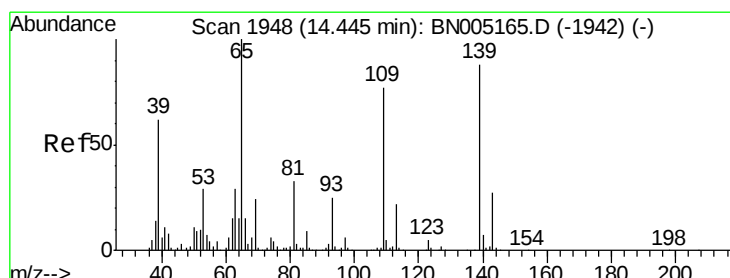
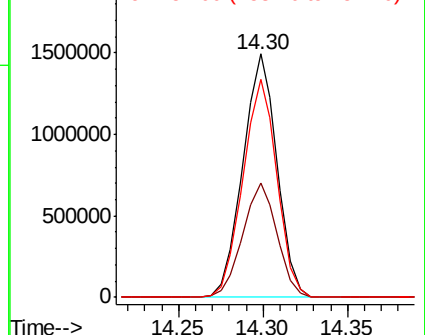
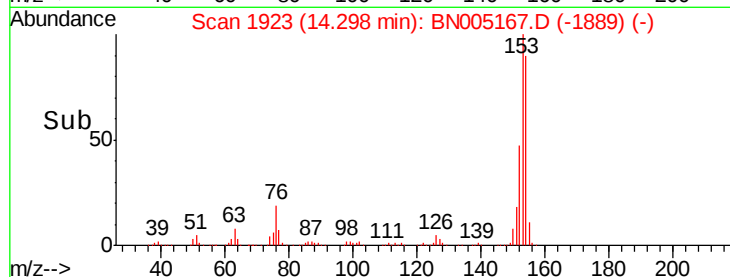


Abundance

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: 28.516 ng/ul

RT: 14.45 min Scan# 1949

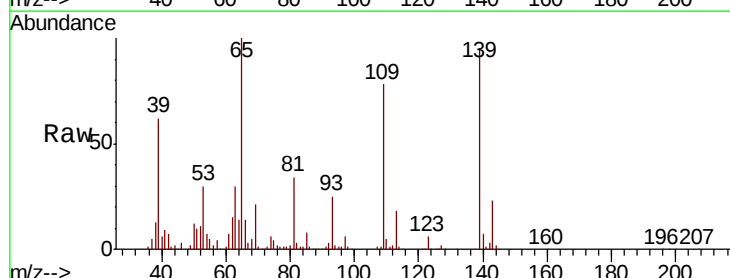
Delta R.T. 0.01 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Tgt Ion:109 Resp: 331499

Ion	Ratio	Lower	Upper
109	100		
139	122.5	92.3	138.5
65	128.9	97.5	146.3

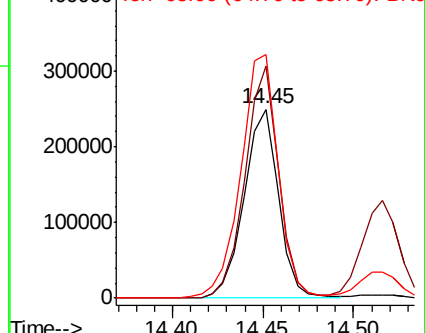
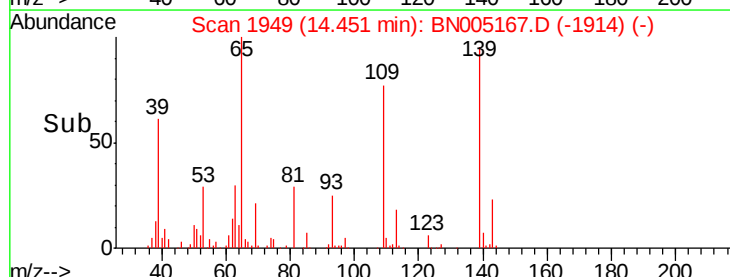


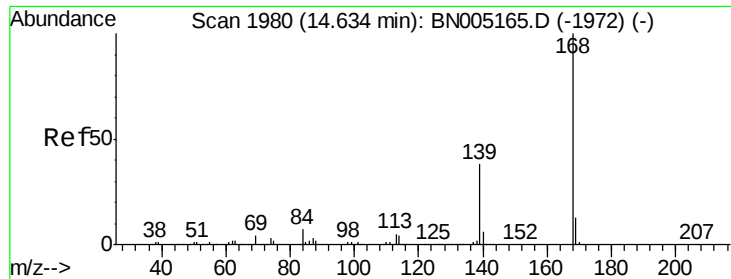
Abundance

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

Dibenzo(furan)

Concen: 16.554 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

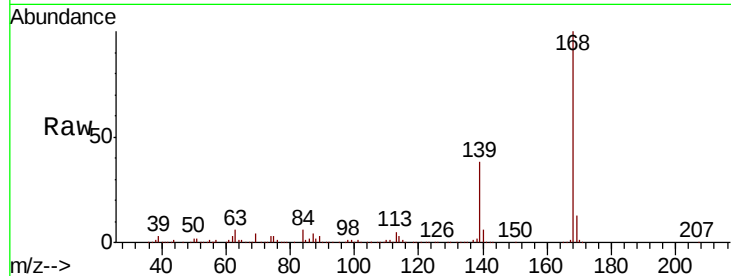
X2G57

Tot Ion:168 Resp: 1593019

Ion Ratio Lower Upper

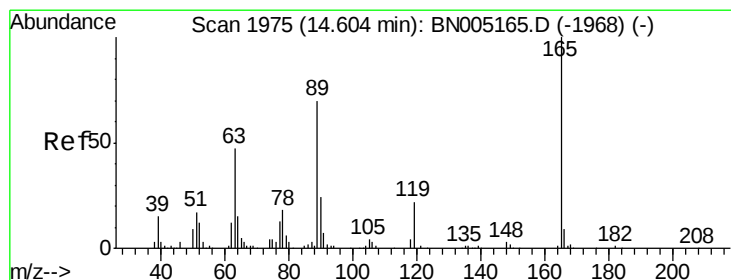
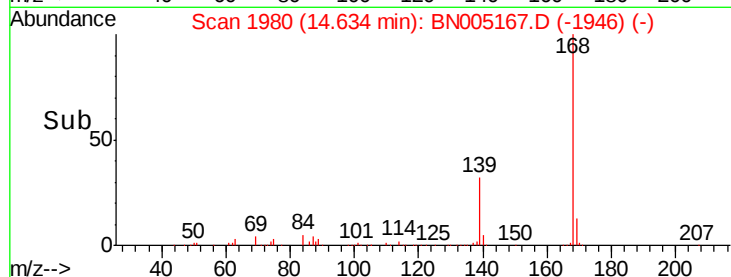
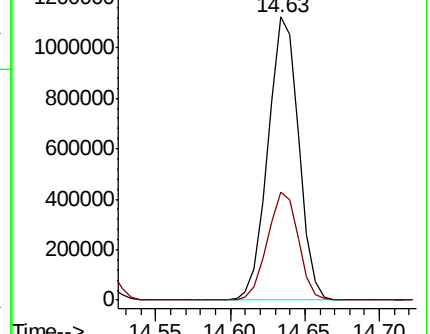
168 100

139 38.2 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 30.213 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

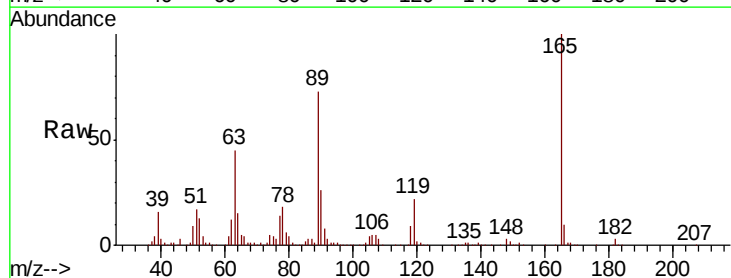
Tgt Ion:165 Resp: 607815

Ion Ratio Lower Upper

165 100

63 45.1 38.9 58.3

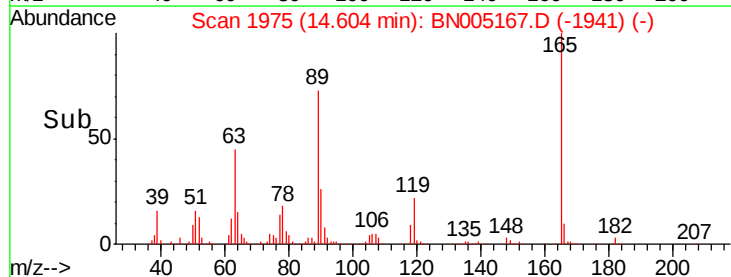
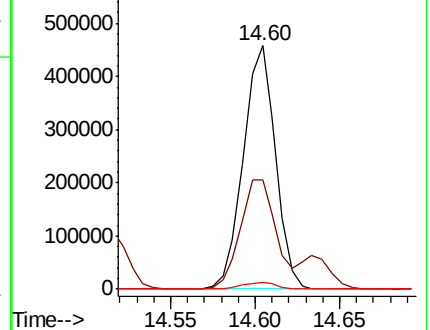
182 2.6 2.6 3.8

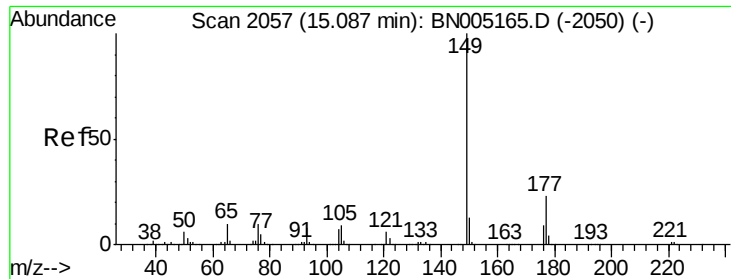


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

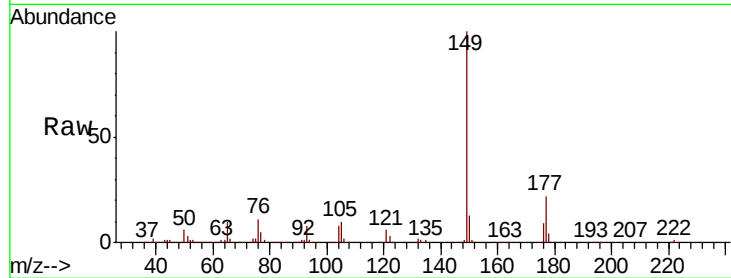




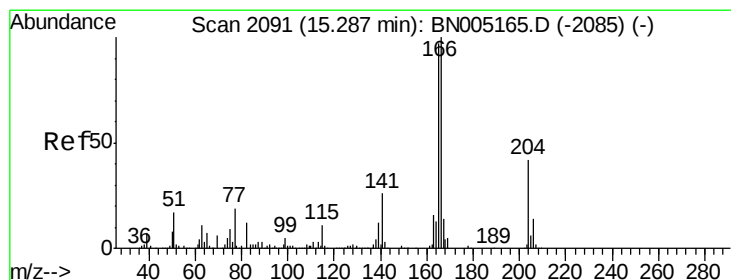
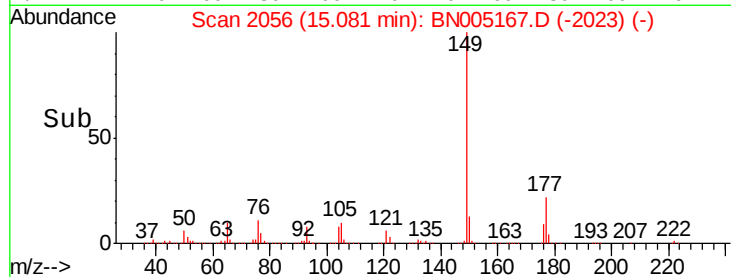
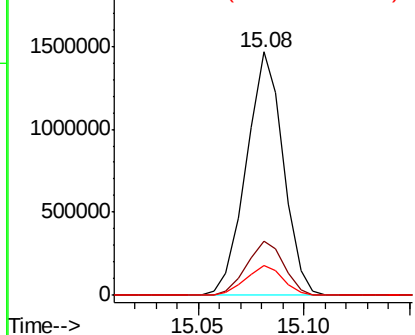
#56
Diethylphthalate
Concen: 21.977 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Instrument :
BNA_N
ClientSampleId :
X2G57

Tot Ion:149 Resp: 1780987
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.5 10.0 15.0

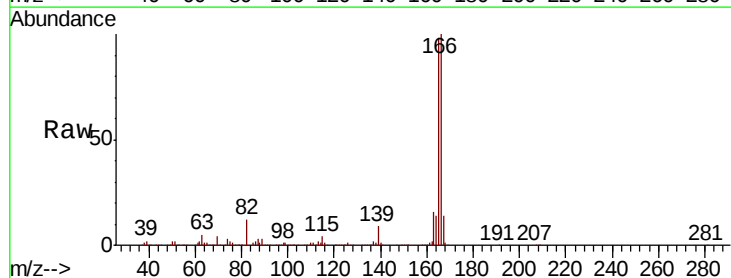


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

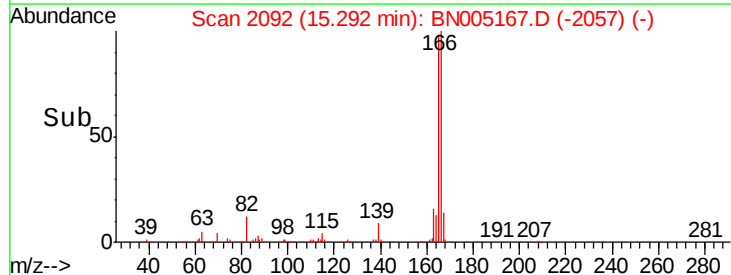
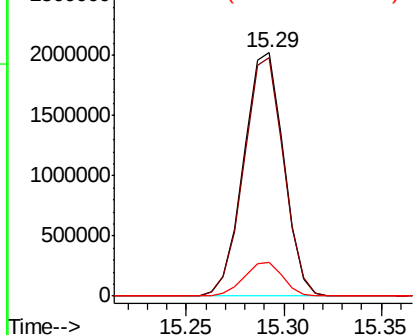


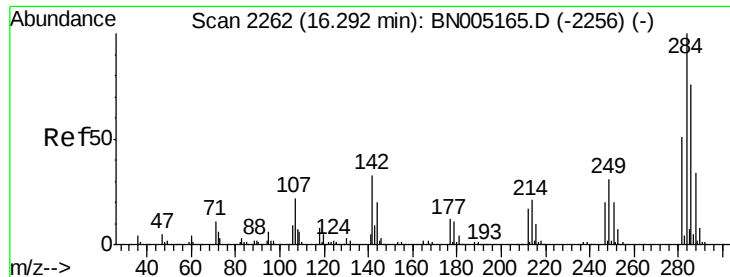
#58
Fluorene
Concen: 38.265 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Tgt Ion:166 Resp: 2873313
Ion Ratio Lower Upper
166 100
165 97.7 80.0 120.0
167 13.6 10.7 16.1



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

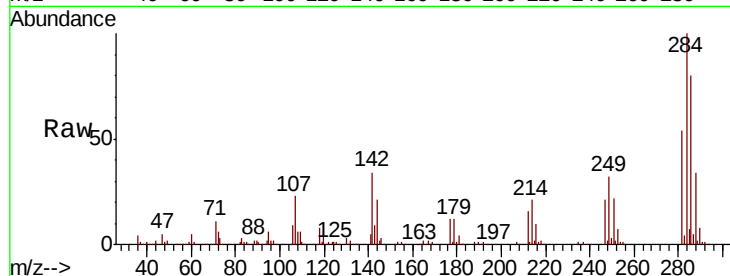




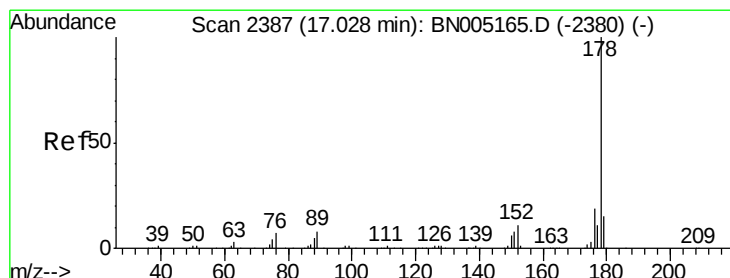
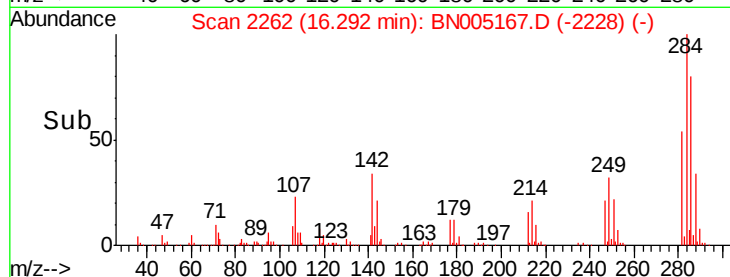
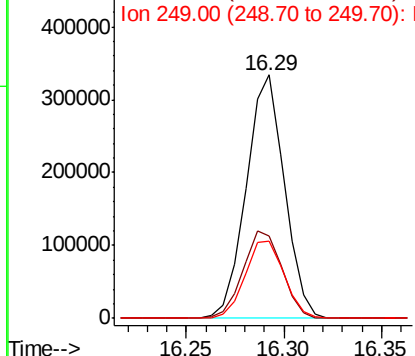
#66
Hexachlorobenzene
Concen: 16.540 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Instrument :
BNA_N
ClientSampleId :
X2G57

Tot Ion:284 Resp: 450563
Ion Ratio Lower Upper
284 100
142 33.8 29.4 44.2
249 31.9 26.1 39.1

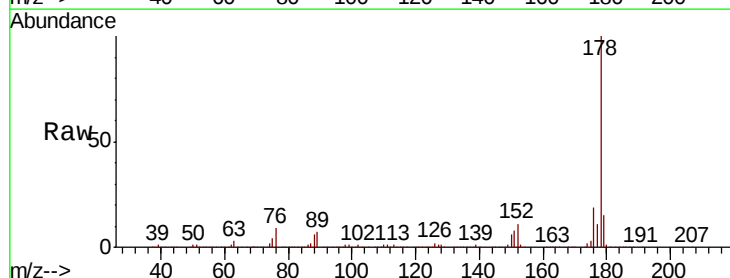


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

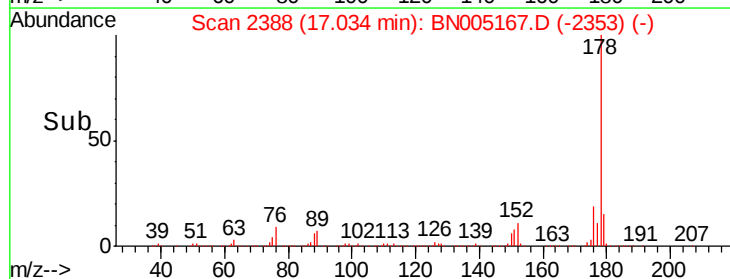
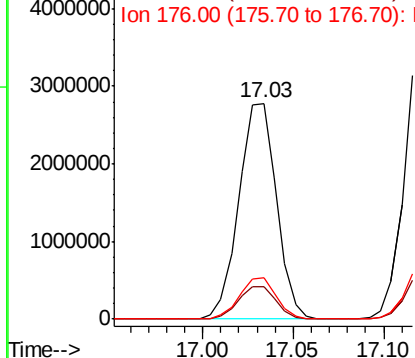


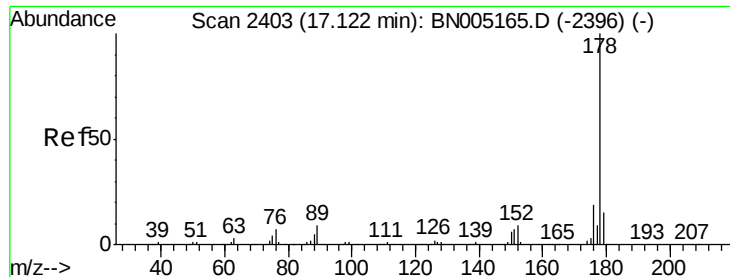
#69
Phenanthrene
Concen: 32.404 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Tgt Ion:178 Resp: 4007541
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.4 15.1 22.7



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

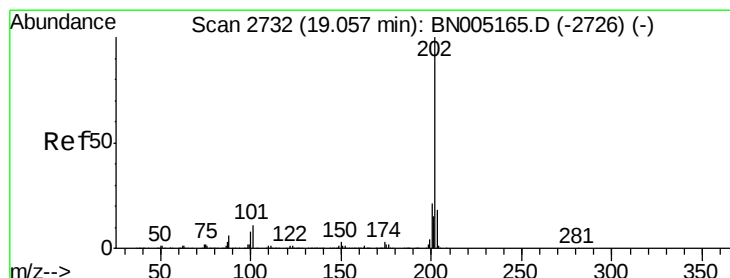
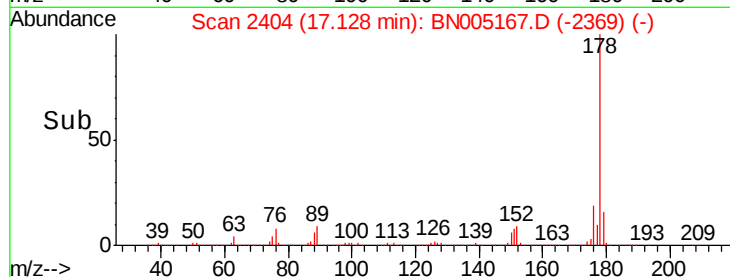
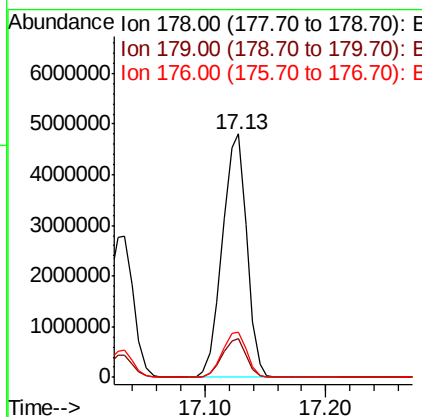
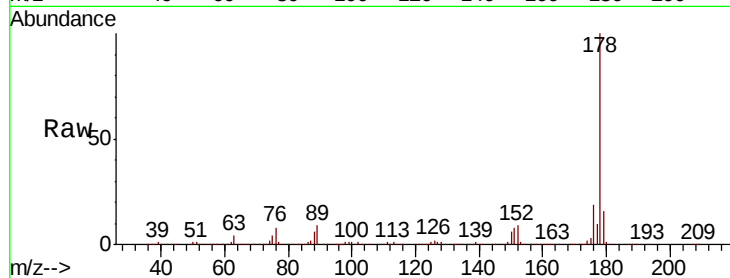




#71
 Anthracene
 Concen: 53.154 ng/ul
 RT: 17.13 min Scan# 2404
 Delta R.T. 0.01 min
 Lab File: BN005167.D
 Acq: 22 Apr 2019 11:03

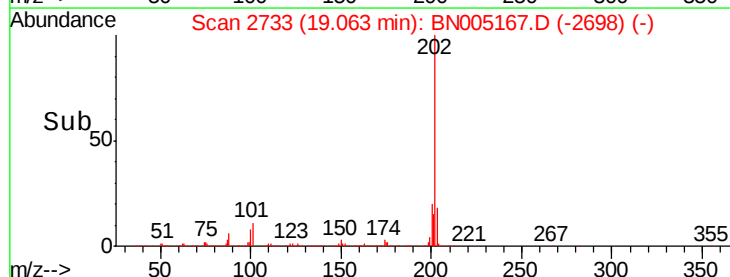
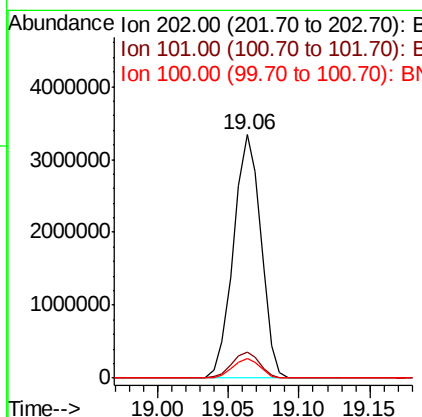
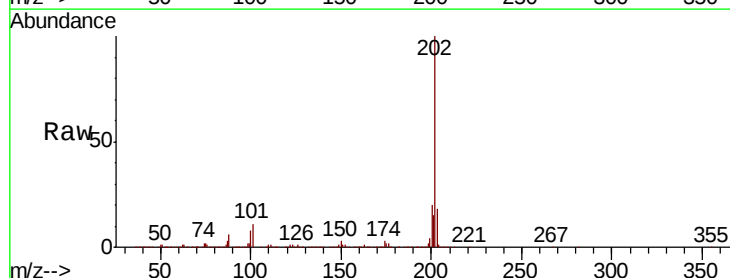
Instrument :
 BNA_N
 ClientSampleId :
 X2G57

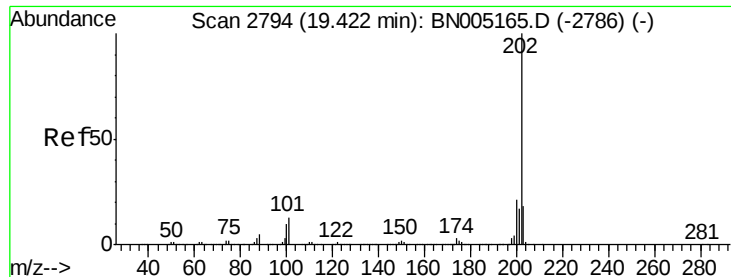
Tot Ion:178 Resp: 6696551
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 18.7 15.1 22.7



#76
 Fluoranthene
 Concen: 33.038 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BN005167.D
 Acq: 22 Apr 2019 11:03

Tgt Ion:202 Resp: 4532063
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.6 12.8
 100 8.1 6.3 9.5





#79

Pvrene

Concen: 27.499 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

X2G57

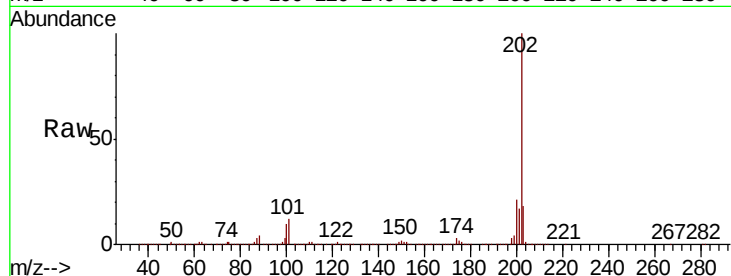
Tot Ion:202 Resp: 4066868

Ion Ratio Lower Upper

202 100

101 11.5 10.3 15.5

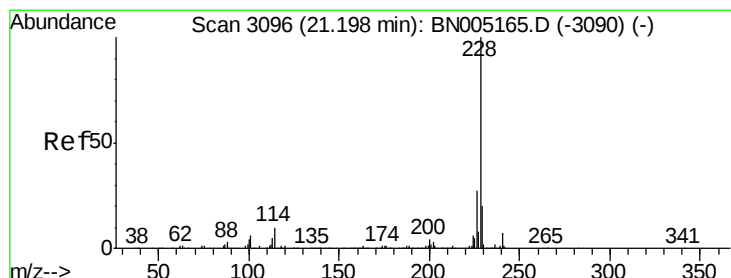
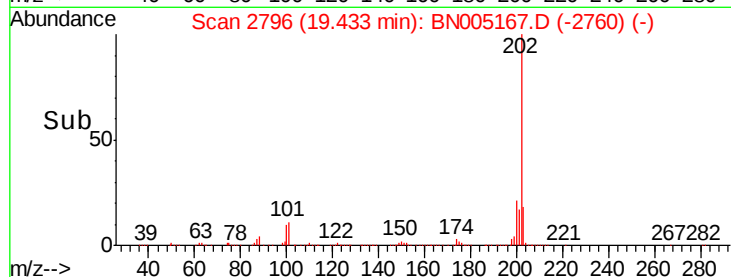
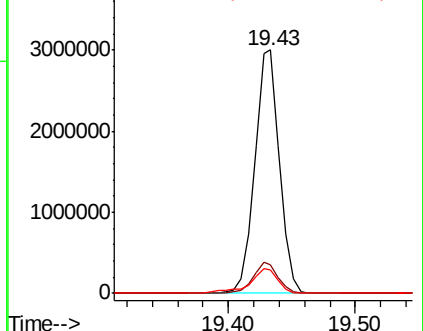
100 9.7 7.9 11.9



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



#82

Benzo(a)anthracene

Concen: 24.585 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.02 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

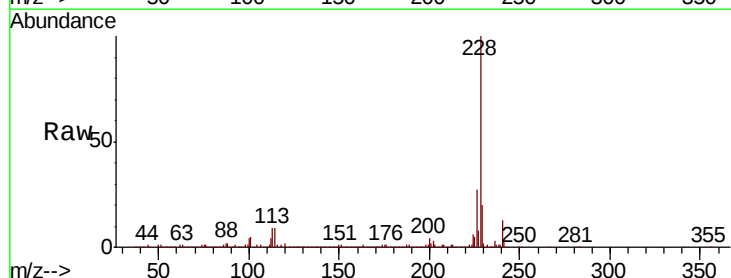
Tgt Ion:228 Resp: 3512999

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

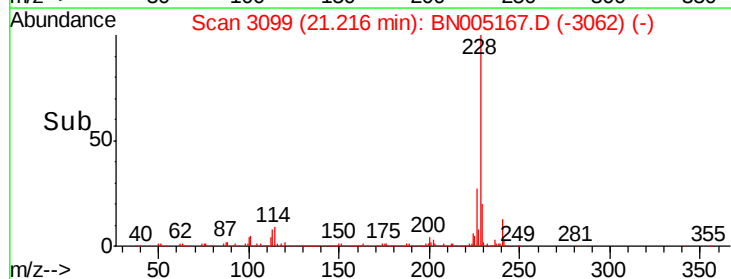
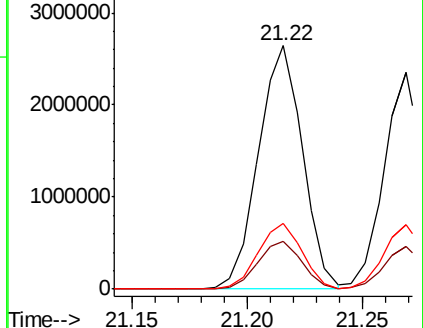
226 27.0 21.4 32.2

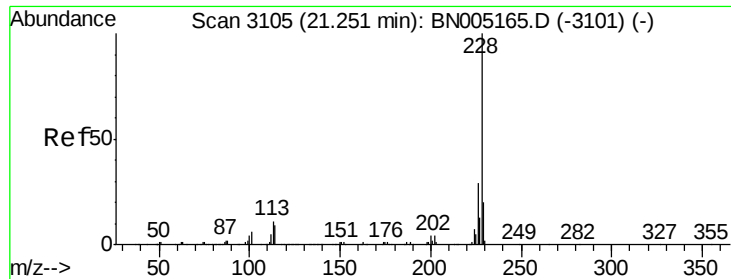


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 21.562 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.02 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

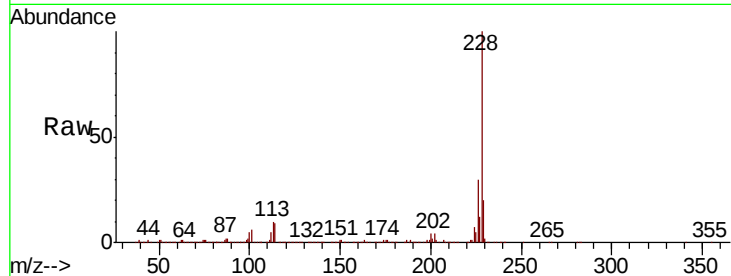
BNA_N

ClientSampleId :

X2G57

Tot Ion:228 Resp: 2859494

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.9	15.4	23.0

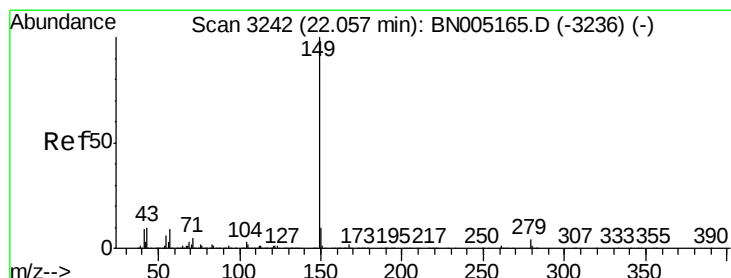
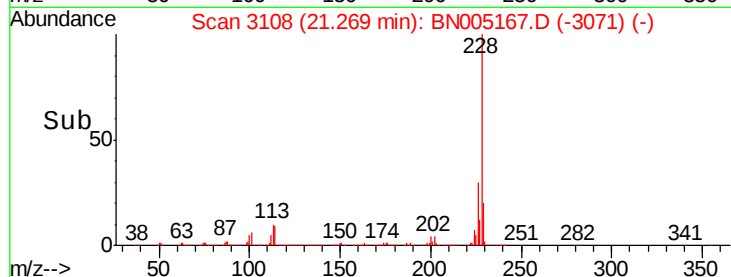
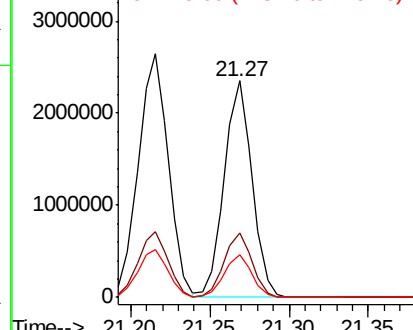


Abundance

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



#86

Di-n-octyl phthalate

Concen: 26.686 ng/ul

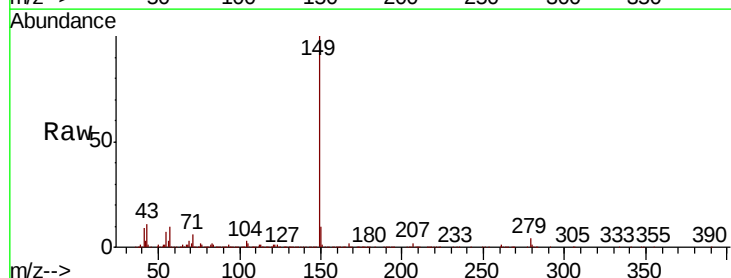
RT: 22.08 min Scan# 3246

Delta R.T. 0.02 min

Lab File: BN005167.D

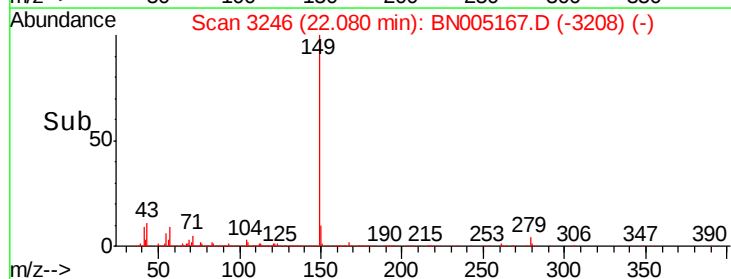
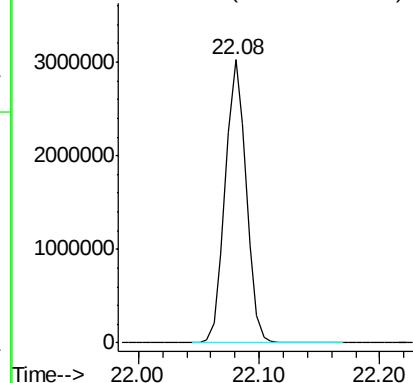
Acq: 22 Apr 2019 11:03

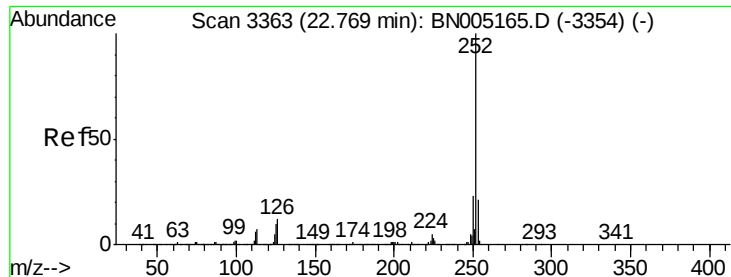
Tgt Ion:149 Resp: 3613083



Abundance

Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 44.008 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.03 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

X2G57

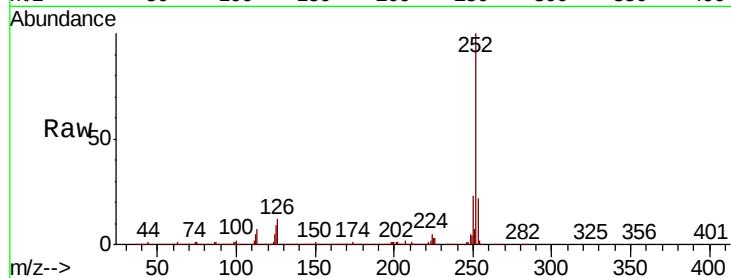
Tot Ion:252 Resp: 5468542

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

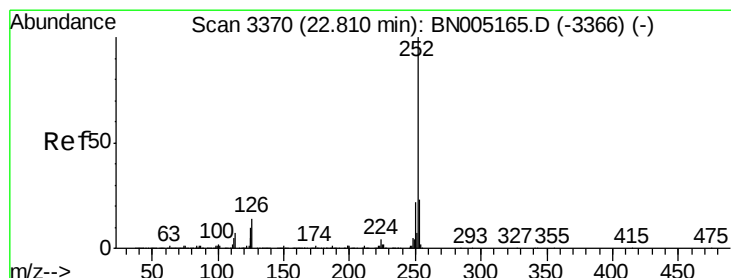
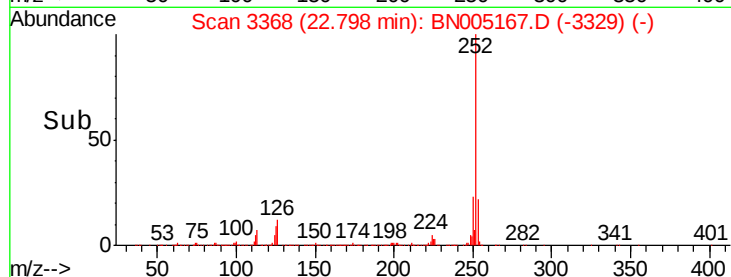
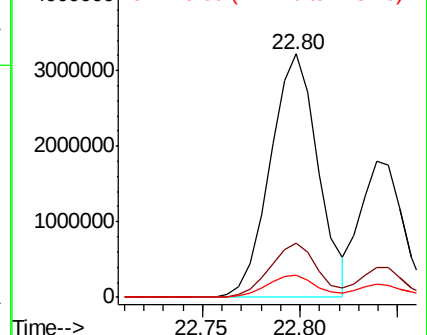
125 9.3 8.4 12.6



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



#88

Benzo(k)fluoranthene

Concen: 22.934 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. 0.03 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

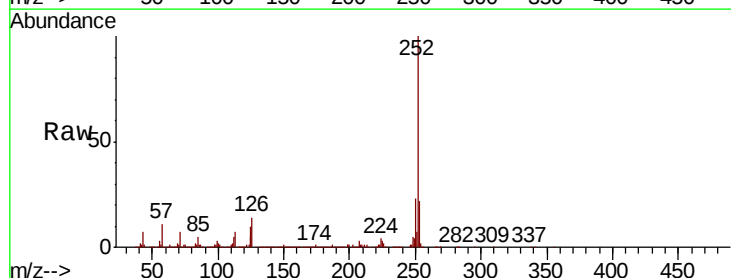
Tgt Ion:252 Resp: 2721809

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

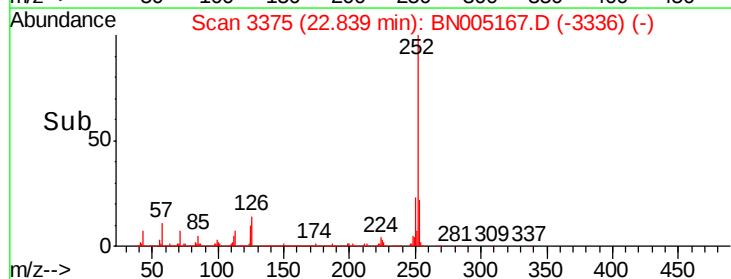
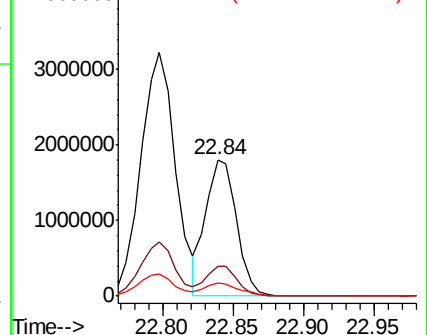
125 9.7 7.5 11.3

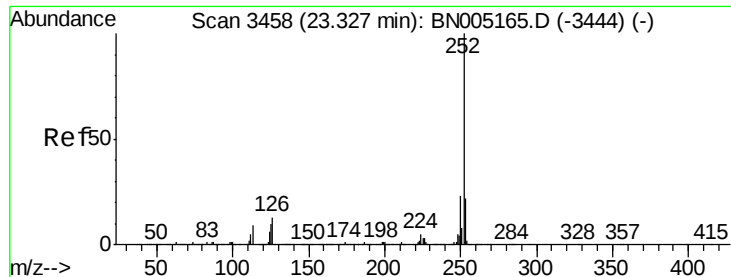


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 25.961 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. 0.03 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

Instrument :

BNA_N

ClientSampleId :

X2G57

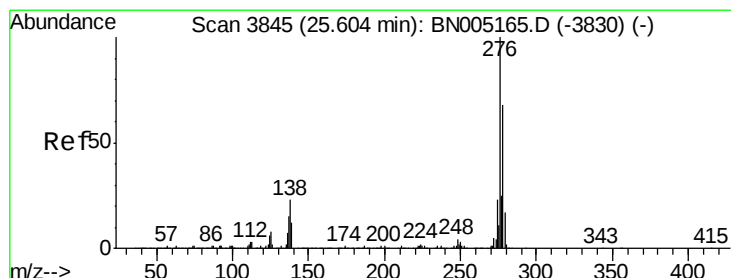
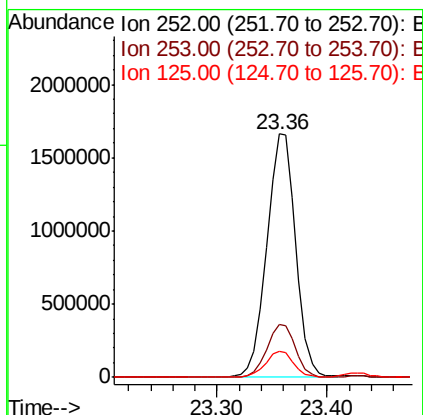
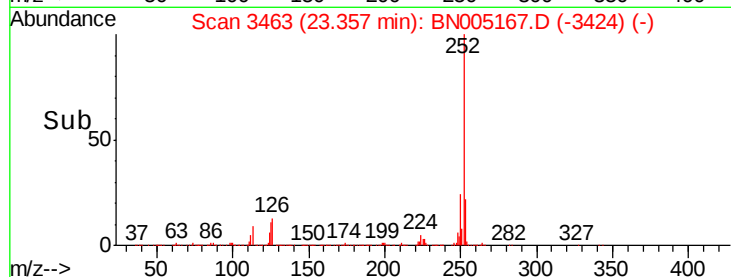
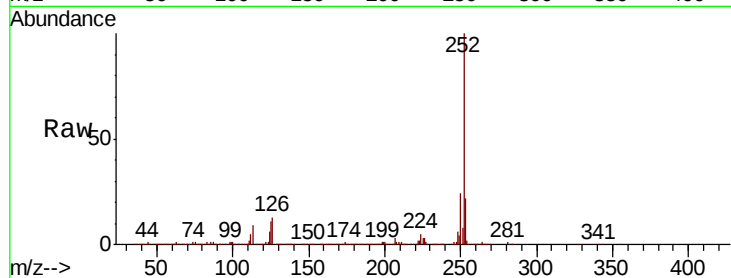
Tot Ion:252 Resp: 3032271

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.8	8.6	13.0

252 100

253 22.0 17.3 25.9

125 10.8 8.6 13.0



#91

Indeno(1,2,3-cd)pyrene

Concen: 22.025 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. 0.03 min

Lab File: BN005167.D

Acq: 22 Apr 2019 11:03

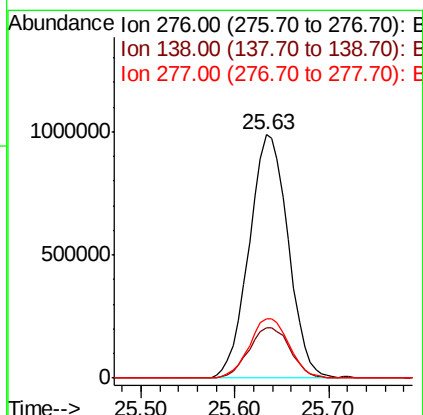
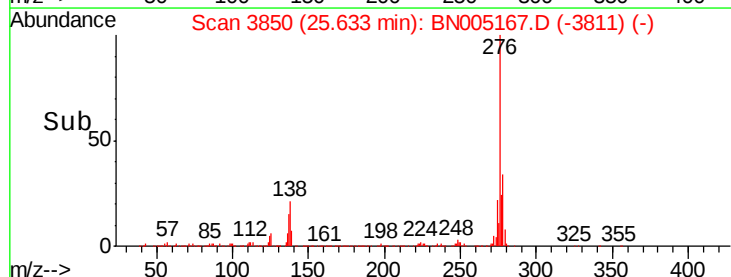
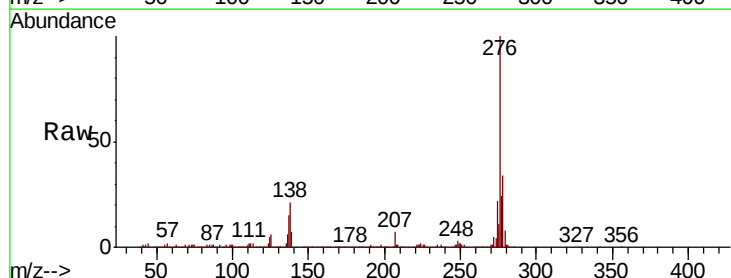
Tgt Ion:276 Resp: 2844206

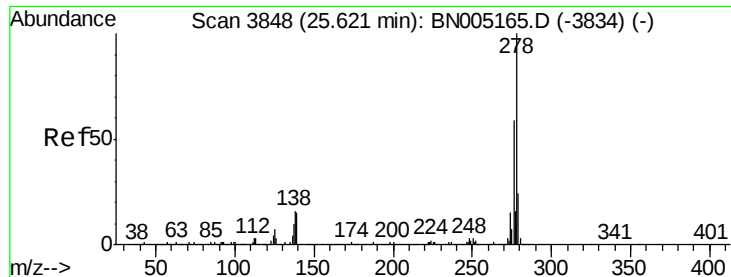
Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.9	26.9
277	24.3	19.7	29.5

276 100

138 20.8 17.9 26.9

277 24.3 19.7 29.5

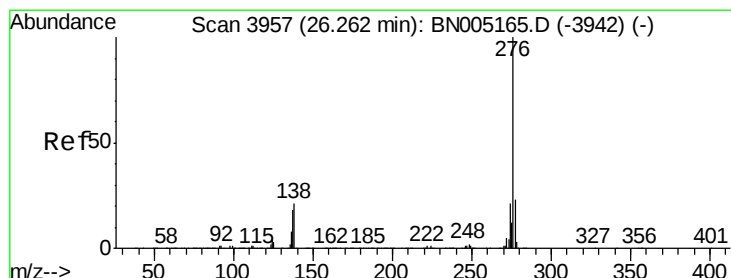
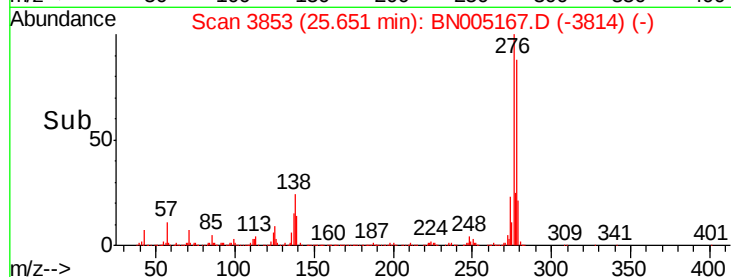
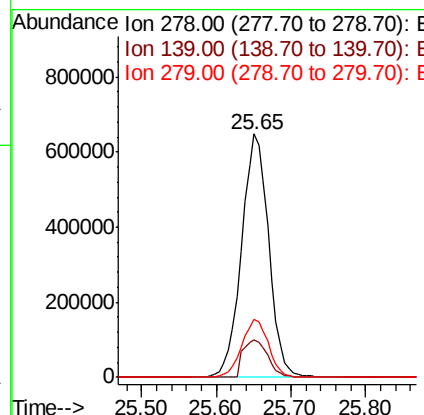
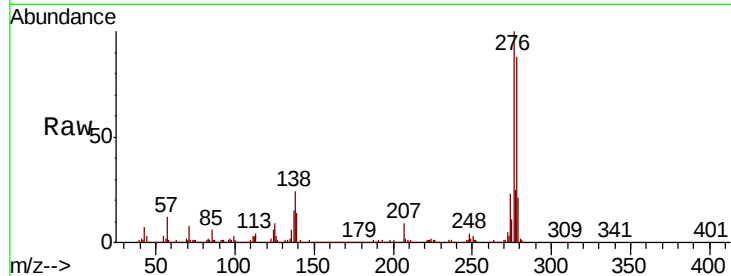




#92
Dibenzo(a,h)anthracene
Concen: 14.932 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.03 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Instrument :
BNA_N
ClientSampleId :
X2G57

Tot Ion:278 Resp: 1636479
Ion Ratio Lower Upper
278 100
139 15.6 13.1 19.7
279 23.7 19.4 29.0



#93
Benzo(g,h,i)perylene
Concen: 34.904 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. 0.04 min
Lab File: BN005167.D
Acq: 22 Apr 2019 11:03

Tgt Ion:276 Resp: 3727016
Ion Ratio Lower Upper
276 100
138 20.1 16.7 25.1
277 23.9 18.2 27.2

