

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020899.D
 Acq On : 12 Jun 2019 11:47
 Operator : HP/JU
 Sample : K3083-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51H3

Quant Time: Jun 12 12:47:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	258572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1009474	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.45	164	555796	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1205433	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1192196	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1395484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	24431	4.50	ng/uL	0.00
5) Phenol-d5	6.97	99	536950	27.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	311746	26.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	452371	28.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	421992	26.51	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	211568	30.71	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	233145	32.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	452732	30.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	552925	31.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1428459	34.75	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1681029	32.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	206176	29.22	ng/ul	0.00
57) Fluorene-d10	15.43	176	1155313	33.07	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	119655	19.41	ng/ul	0.00
70) Anthracene-d10	17.29	188	1852261	35.18	ng/ul	0.00
78) Pyrene-d10	19.58	212	2084342	36.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2373348	37.42	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	76413	13.415	ng/uL 93
4) Benzaldehyde	6.96	77	286860	19.244	ng/ul 98
6) Phenol	7.00	94	855390	42.001	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.23	93	478078	30.256	ng/ul 97
17) Hexachloroethane	8.87	117	321881	47.229	ng/ul 94
20) Nitrobenzene	9.01	77	306622	17.676	ng/ul 98
23) 2-Nitrophenol	9.72	139	293506	36.906	ng/ul 95
28) Naphthalene	10.65	128	1796359	37.889	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	1760294	50.548	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	350901	19.482	ng/ul 97
39) 2,4,5-Trichlorophenol	12.93	196	702773	59.819	ng/ul 98
40) 1,1'-Biphenyl	13.27	154	1618231	37.518	ng/ul 100
41) 2-Chloronaphthalene	13.32	162	1241261	37.394	ng/ul 100
47) Acenaphthylene	14.16	152	1680633	33.323	ng/ul 100
49) Acenaphthene	14.51	153	1072958	30.476	ng/ul 99
52) 4-Nitrophenol	14.66	109	140867	24.355	ng/ul 97
53) Dibenzofuran	14.84	168	786121	15.785	ng/ul 98
54) 2,4-Dinitrotoluene	14.82	165	290598	26.031	ng/ul 97
56) Diethylphthalate	15.26	149	854146	20.774	ng/ul 98
58) Fluorene	15.49	166	1431811	35.812	ng/ul 99
66) Hexachlorobenzene	16.49	284	243861	16.684	ng/ul 97
69) Phenanthrene	17.23	178	1959021	32.292	ng/ul 100
71) Anthracene	17.32	178	3199780	51.456	ng/ul 99

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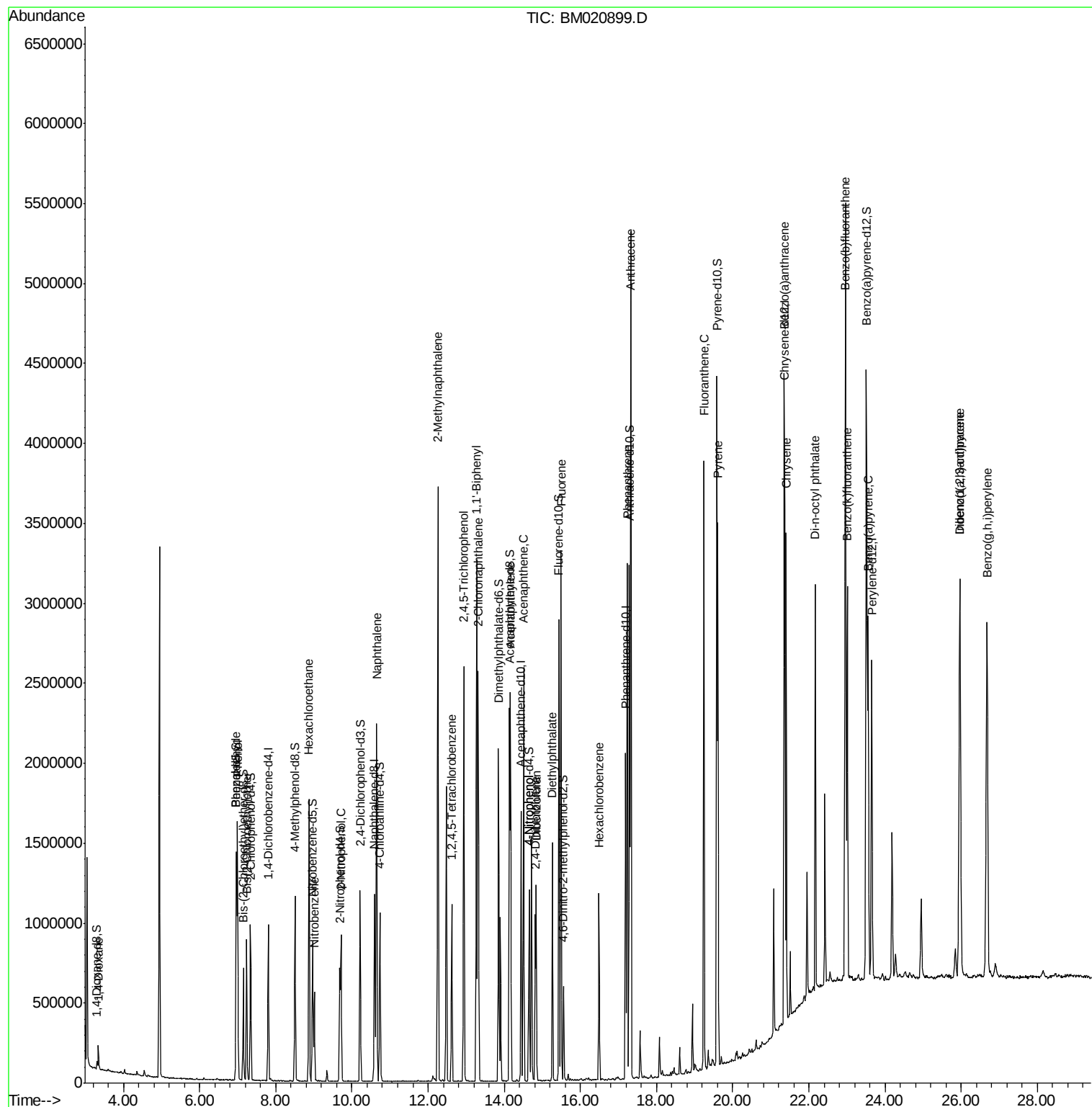
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Fluoranthene	19.24	202	2239431	32.212	ng/ul	98
79) Pyrene	19.61	202	2014508	27.374	ng/ul	98
82) Benzo(a)anthracene	21.35	228	1799328	24.194	ng/ul	99
84) Chrysene	21.40	228	1449835	21.009	ng/ul	100
86) Di-n-octyl phthalate	22.17	149	1707834	20.645	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	3306983	40.737	ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	1683898	21.702	ng/ul	99
90) Benzo(a)pyrene	23.55	252	1750251	22.662	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.96	276	2102405	23.048	ng/ul	96
92) Dibenzo(a,h)anthracene	25.97	278	1212494	15.687	ng/ul	98
93) Benzo(a,h,i)perylene	26.68	276	2816091	38.053	ng/ul	96

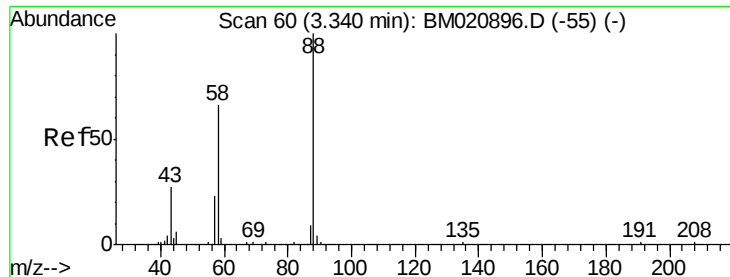
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 13.415 ng/uL

RT: 3.34 min Scan# 60

Delta R.T. 0.00 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampleId :

A51H3

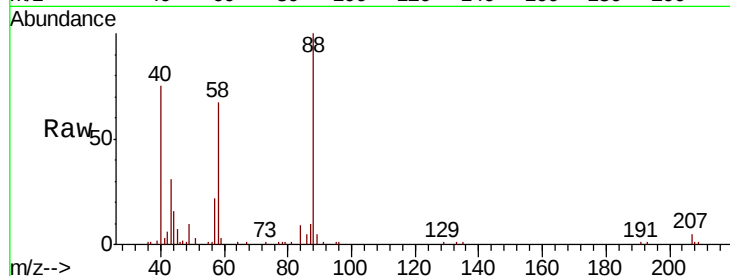
Tot Ion: 88 Resp: 76413

Ion Ratio Lower Upper

88 100

43 31.3 29.8 44.8

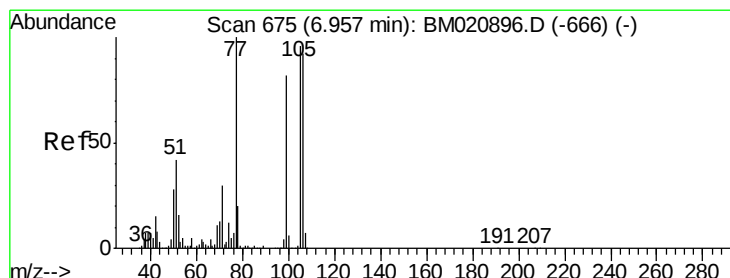
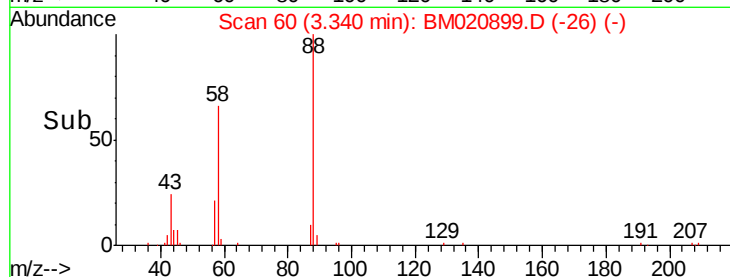
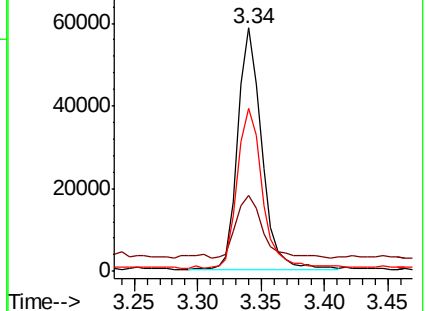
58 67.0 57.2 85.8



Abundance Ion 88.00 (87.70 to 88.70): BM020899.D (-55) (-)

Ion 43.00 (42.70 to 43.70): BM020899.D (-55) (-)

Ion 58.00 (57.70 to 58.70): BM020899.D (-55) (-)



#4

Benzaldehyde

Concen: 19.244 ng/uL

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

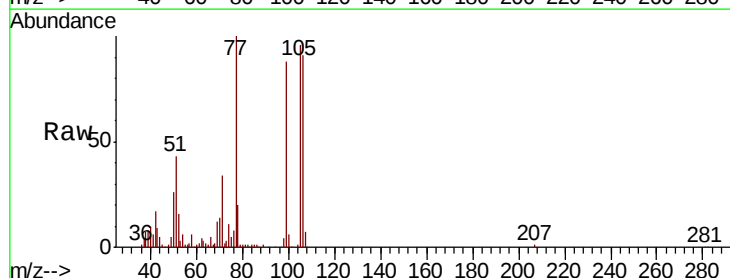
Tgt Ion: 77 Resp: 286860

Ion Ratio Lower Upper

77 100

105 96.4 74.7 112.1

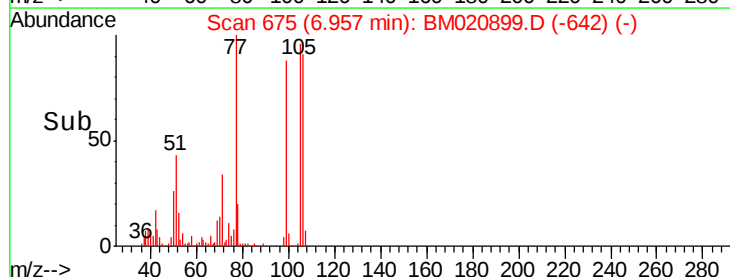
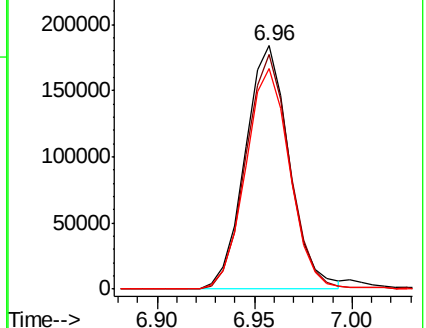
106 90.7 72.3 108.5

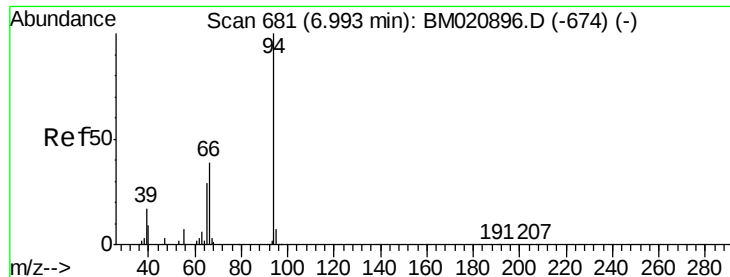


Abundance Ion 77.00 (76.70 to 77.70): BM020899.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM020899.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM020899.D (-642) (-)





#6

Phenol

Concen: 42.001 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampleId :

A51H3

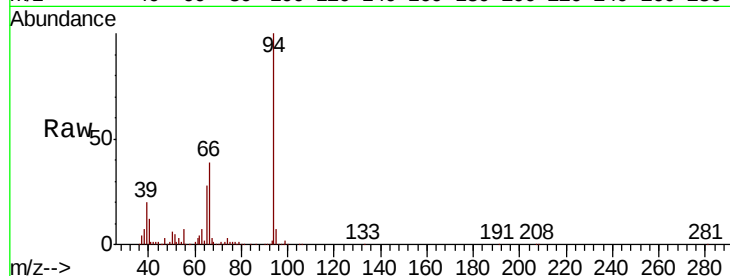
Tot Ion: 94 Resp: 855390

Ion Ratio Lower Upper

94 100

65 27.7 23.3 34.9

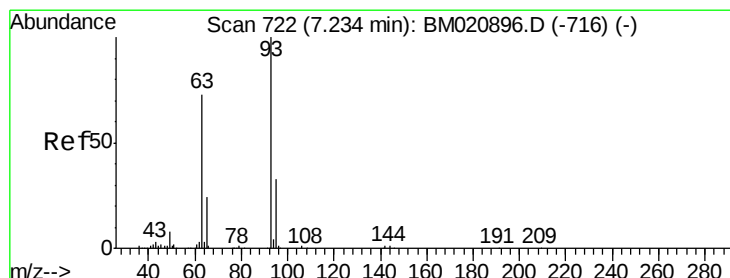
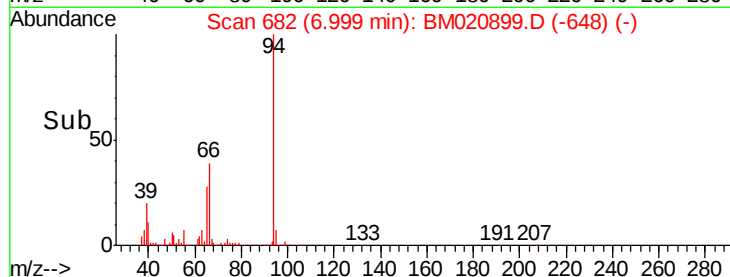
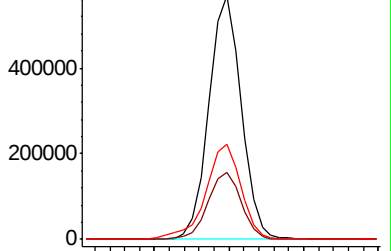
66 39.1 32.1 48.1



Abundance Ion 94.00 (93.70 to 94.70): BM020899.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM020899.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM020899.D (-674) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 30.256 ng/ul

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

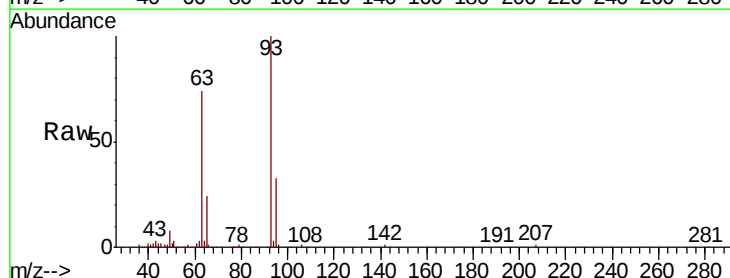
Tgt Ion: 93 Resp: 478078

Ion Ratio Lower Upper

93 100

63 74.2 61.8 92.6

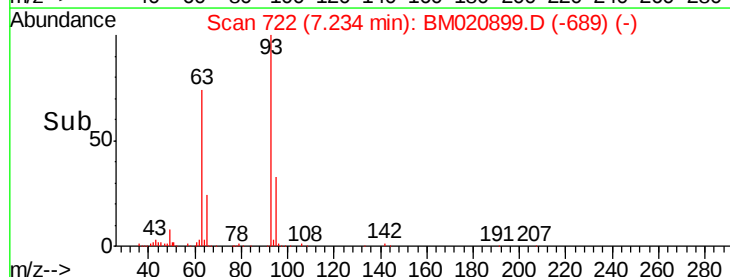
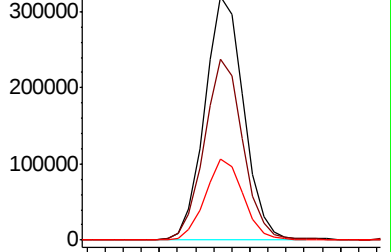
95 33.4 25.4 38.2

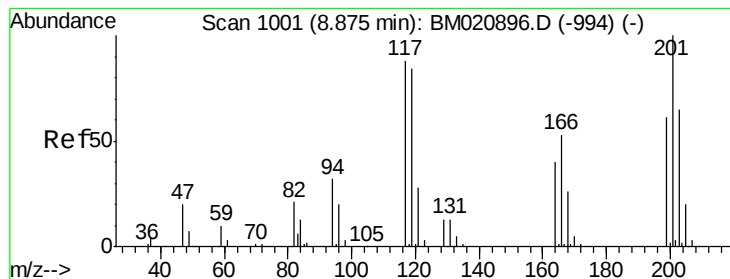


Abundance Ion 93.00 (92.70 to 93.70): BM020899.D (-689) (-)

Ion 63.00 (62.70 to 63.70): BM020899.D (-689) (-)

Ion 95.00 (94.70 to 95.70): BM020899.D (-689) (-)





#17

Hexachloroethane

Concen: 47.229 ng/ul

RT: 8.87 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

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A51H3

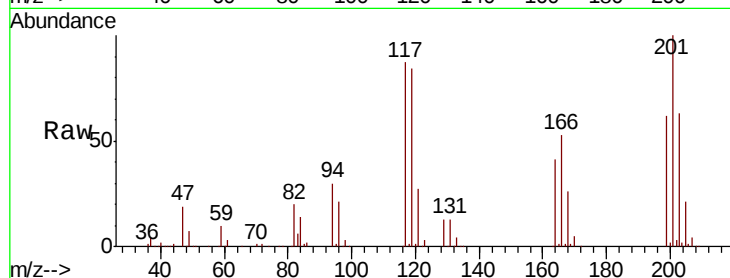
Tot Ion:117 Resp: 321881

Ion Ratio Lower Upper

117 100

201 114.6 85.9 128.9

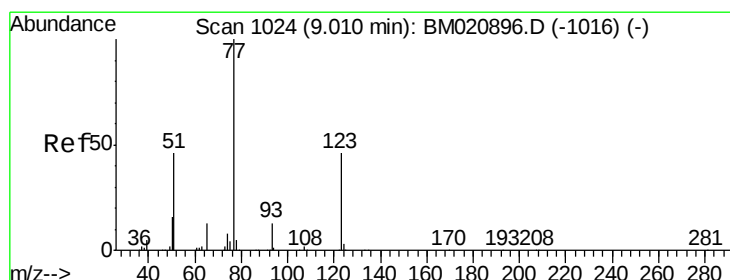
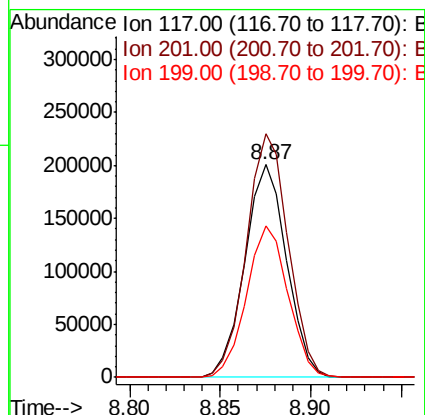
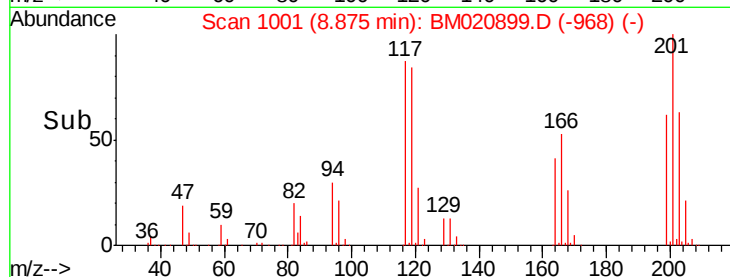
199 71.1 53.5 80.3



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: 17.676 ng/ul

RT: 9.01 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

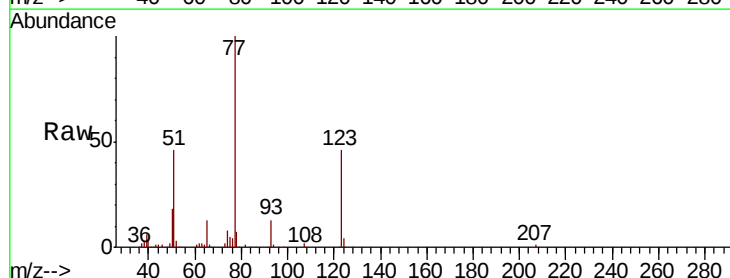
Tgt Ion: 77 Resp: 306622

Ion Ratio Lower Upper

77 100

123 45.5 35.0 52.4

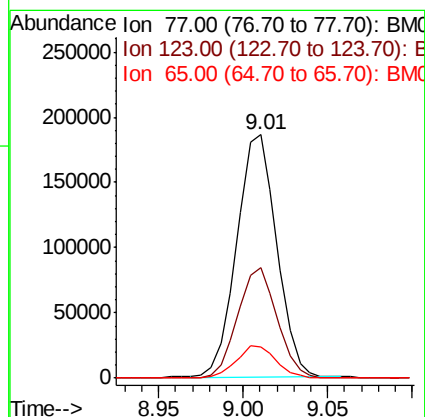
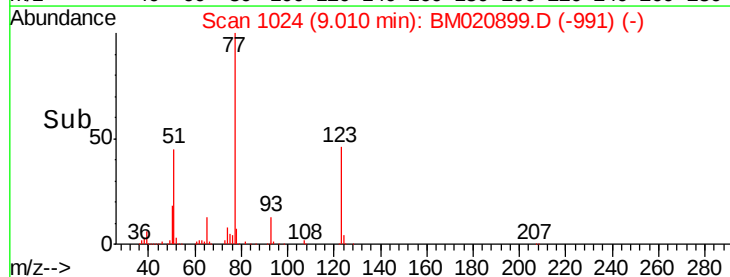
65 12.8 10.6 16.0

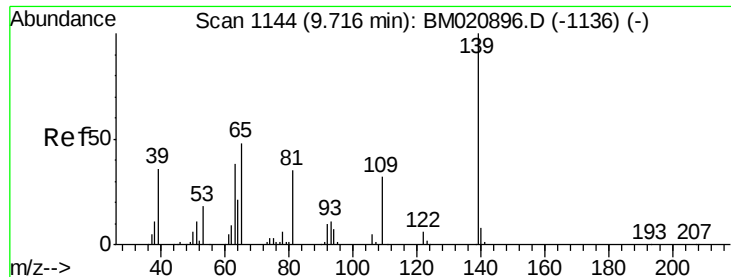


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

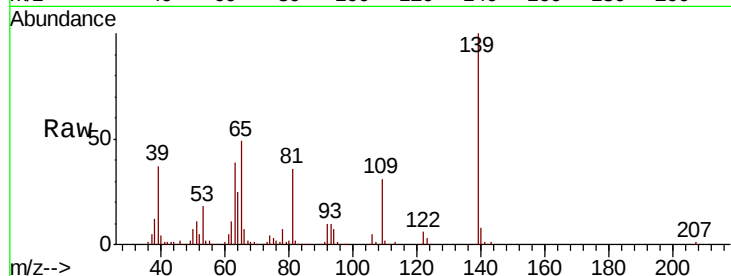




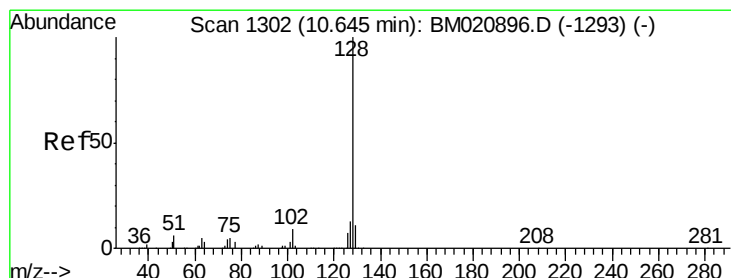
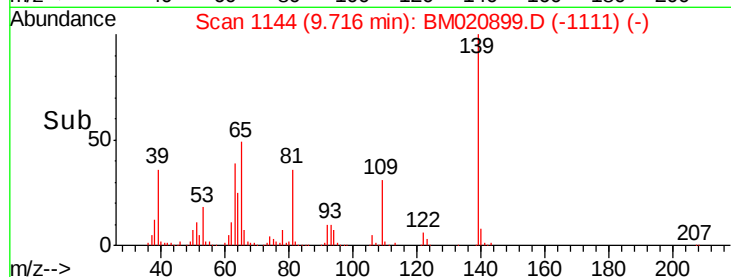
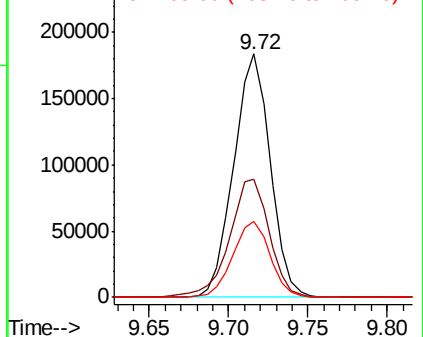
#23
2-Nitrophenol
Concen: 36.906 ng/ul
RT: 9.72 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Instrument :
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Tot Ion	Ratio	Lower	Upper
139	100		
65	48.5	42.2	63.2
109	31.0	26.6	39.8

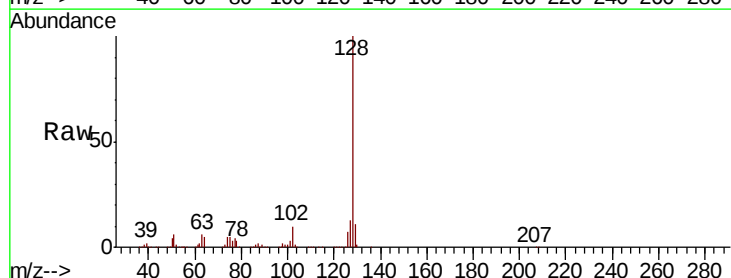


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

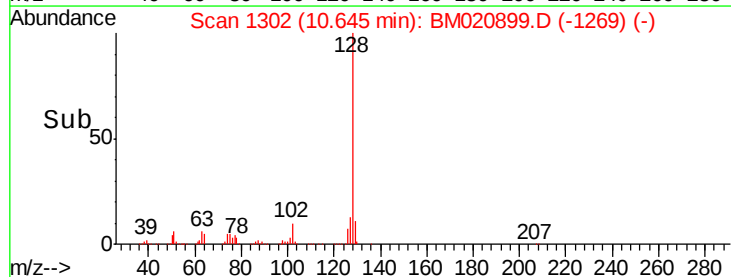
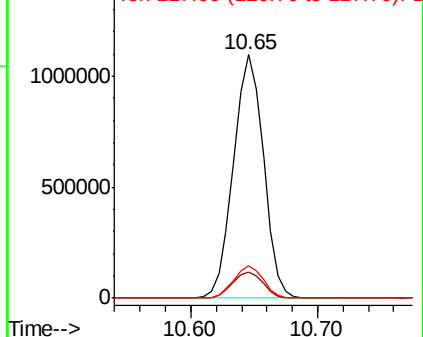


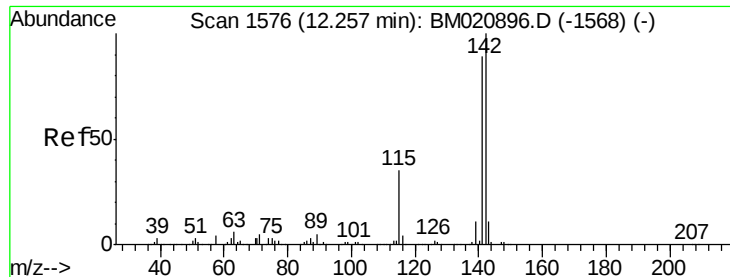
#28
Naphthalene
Concen: 37.889 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.2	15.2



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

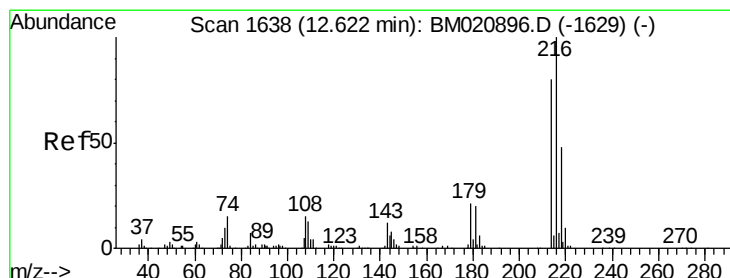
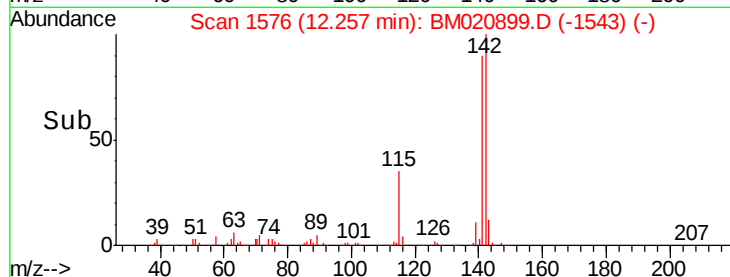
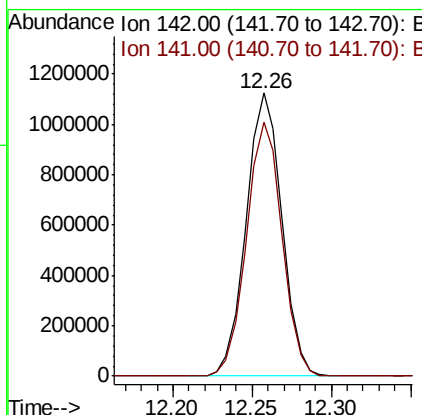
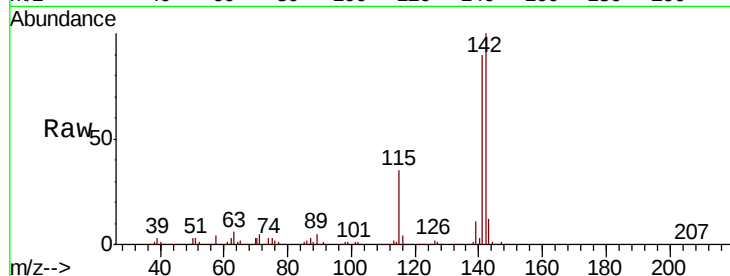




#34
 2-Methylnaphthalene
 Concen: 50.548 ng/ul
 RT: 12.26 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

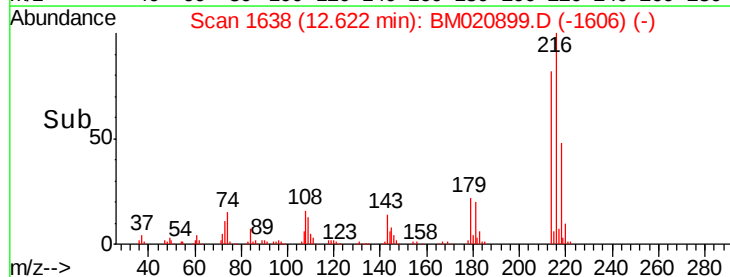
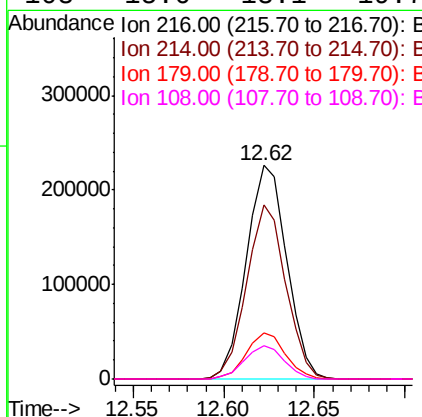
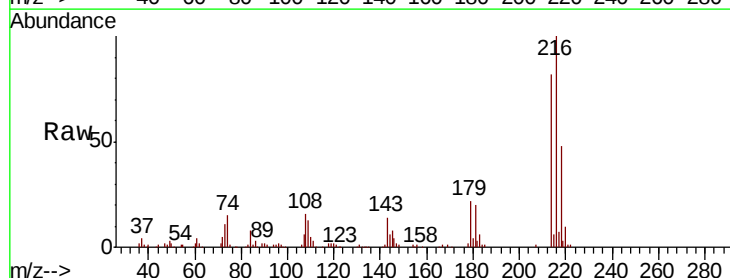
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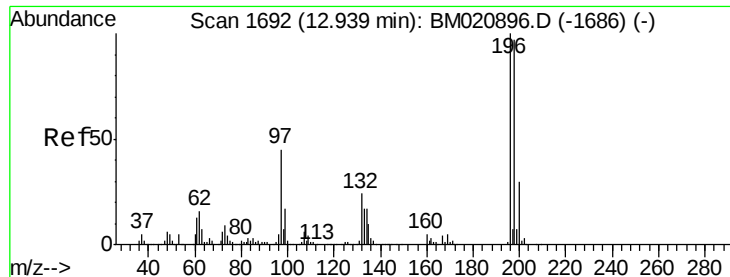
Tot Ion:142 Resp: 1760294
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.0



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.482 ng/ul
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

Tgt Ion:216 Resp: 350901
 Ion Ratio Lower Upper
 216 100
 214 81.6 62.9 94.3
 179 21.8 17.4 26.2
 108 15.6 13.1 19.7

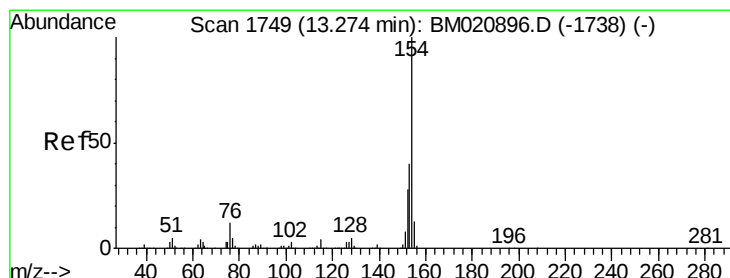
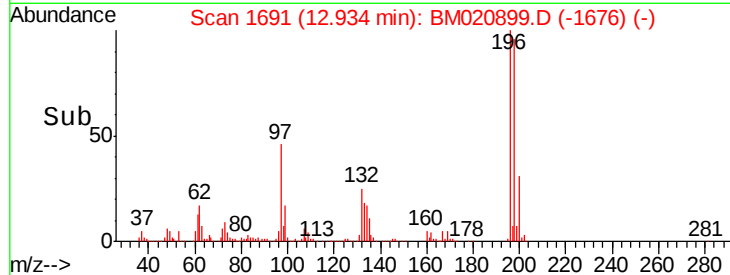
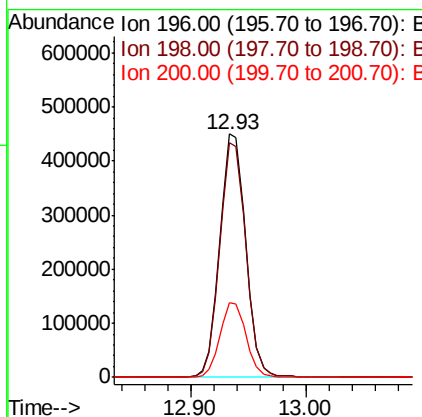
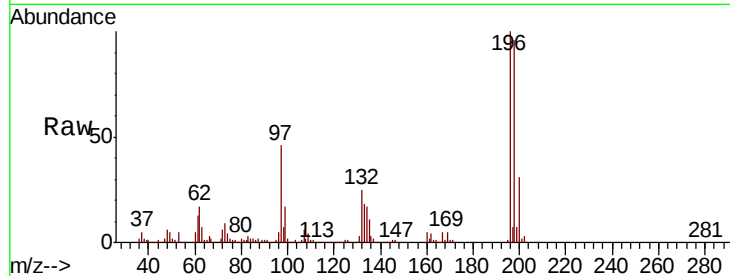




#39
 2,4,5-Trichlorophenol
 Concen: 59.819 ng/ul
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

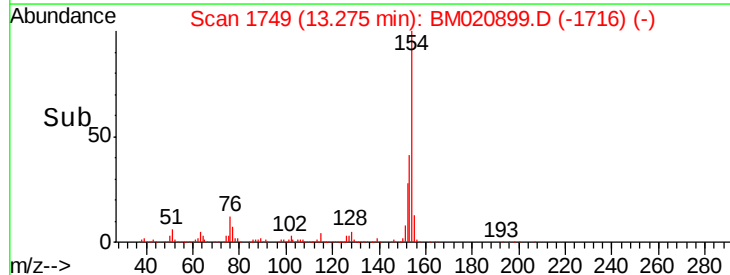
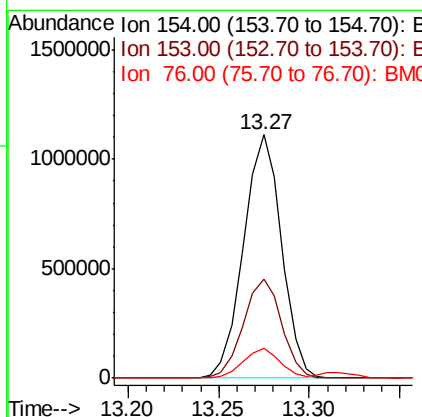
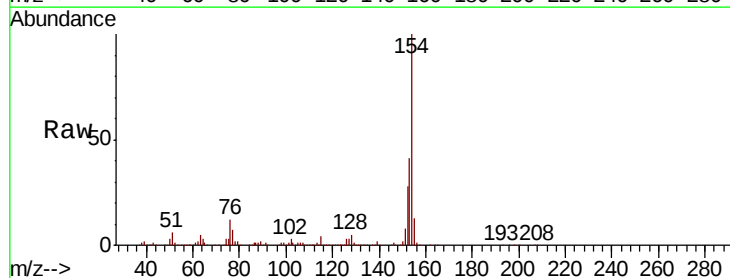
Instrument :
 BNA_M
 ClientSampleId :
 A51H3

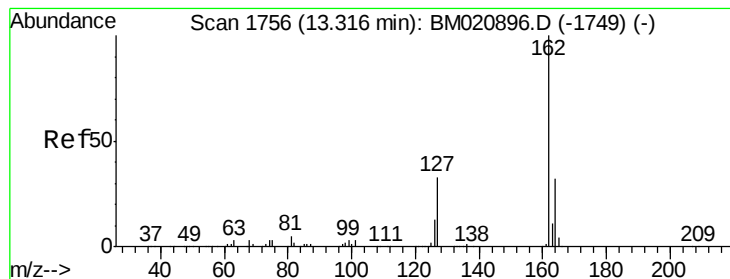
Tot Ion:196 Resp: 702773
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.3 112.9
 200 30.6 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 37.518 ng/ul
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

Tgt Ion:154 Resp: 1618231
 Ion Ratio Lower Upper
 154 100
 153 40.6 32.4 48.6
 76 12.0 9.8 14.6

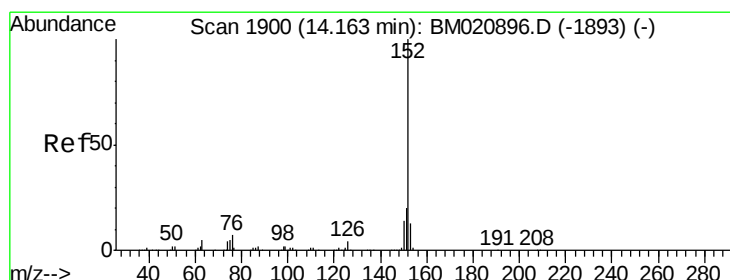
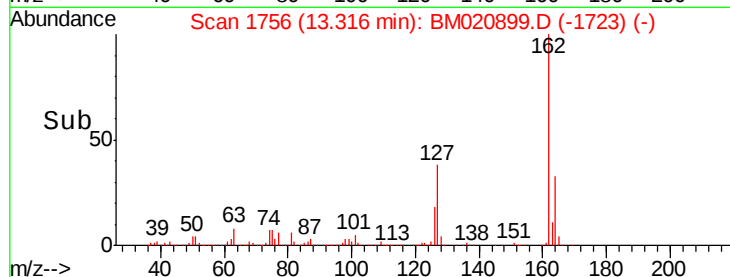
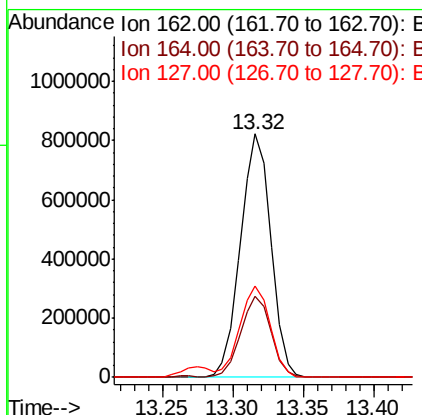
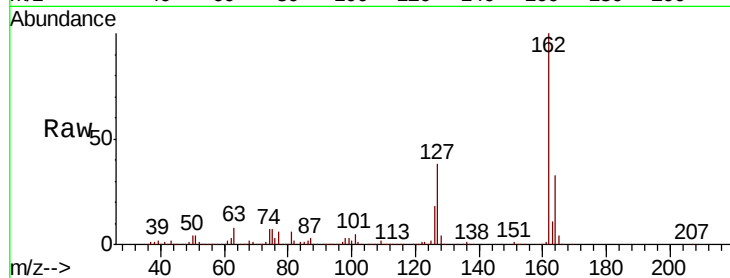




#41
 2-Chloronaphthalene
 Concen: 37.394 ng/ul
 RT: 13.32 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

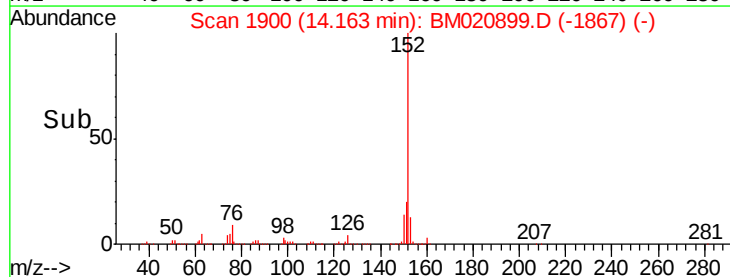
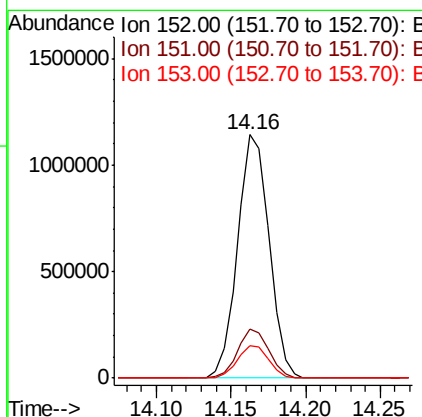
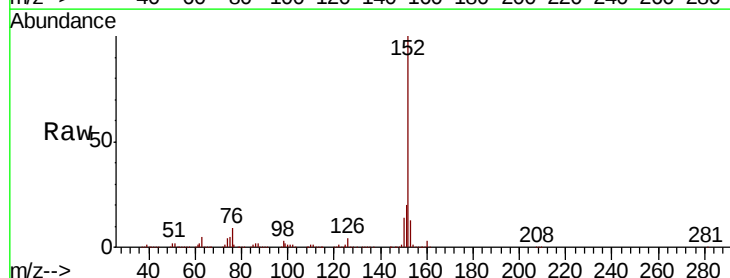
Instrument :
 BNA_M
 ClientSampleId :
 A51H3

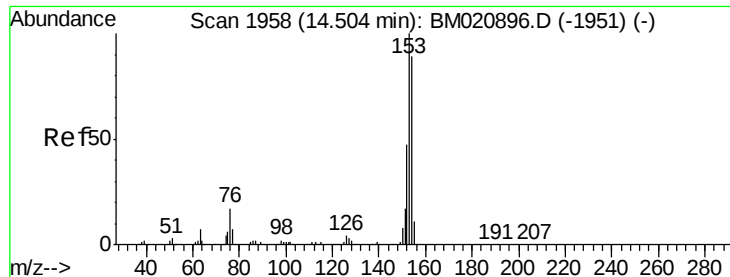
Tot Ion:162 Resp: 1241261
 Ion Ratio Lower Upper
 162 100
 164 33.1 26.4 39.6
 127 37.6 30.2 45.2



#47
 Acenaphthylene
 Concen: 33.323 ng/ul
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

Tgt Ion:152 Resp: 1680633
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.2
 153 13.2 10.6 15.8





#49

Acenaphthene

Concen: 30.476 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampleId :

A51H3

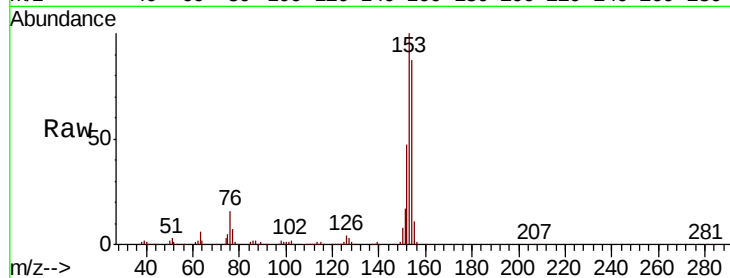
Tot Ion:153 Resp: 1072958

Ion Ratio Lower Upper

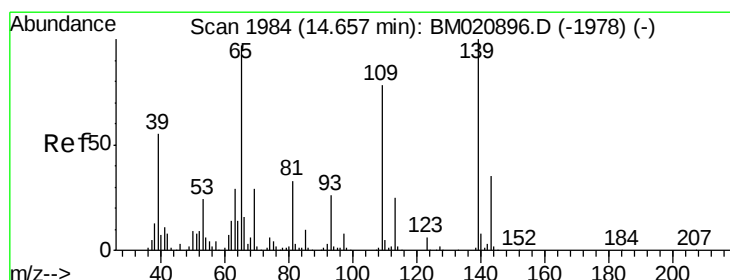
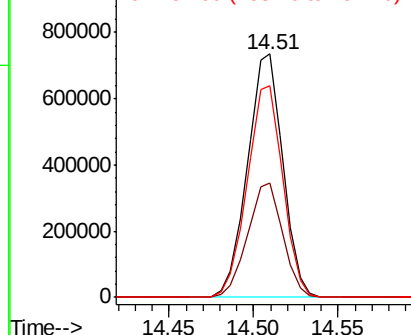
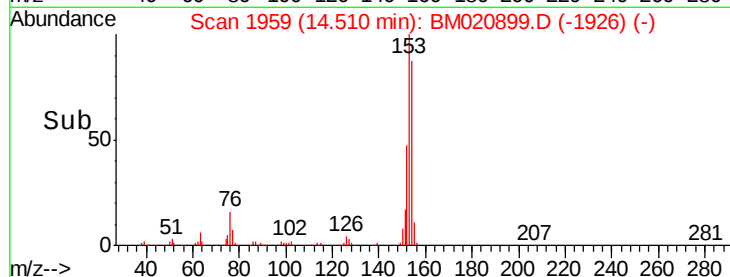
153 100

152 46.8 37.3 55.9

154 87.1 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E
1000000
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 24.355 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

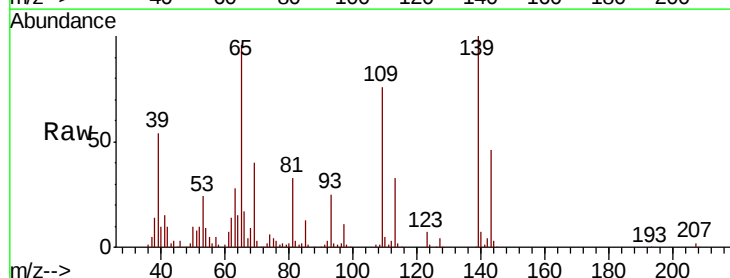
Tgt Ion:109 Resp: 140867

Ion Ratio Lower Upper

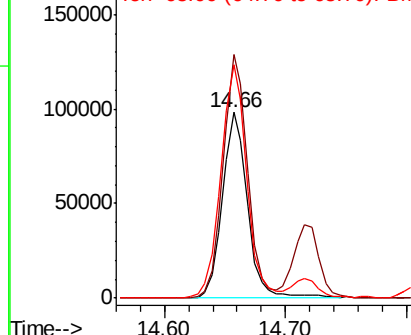
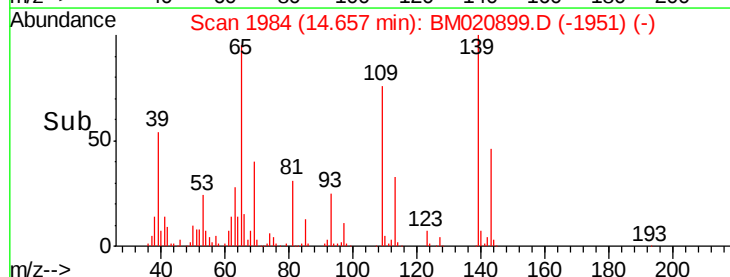
109 100

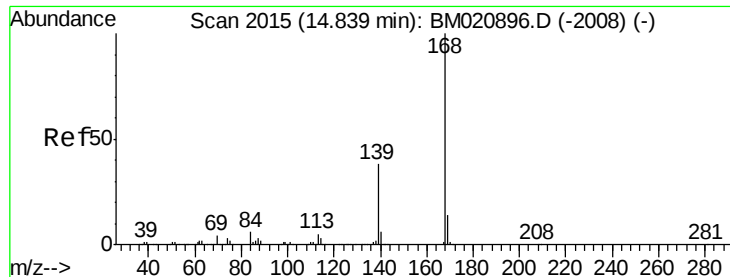
139 131.2 105.9 158.9

65 126.0 106.2 159.4



Abundance Ion 109.00 (108.70 to 109.70): E
150000
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzofuran

Concen: 15.785 ng/ul

RT: 14.84 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampleId :

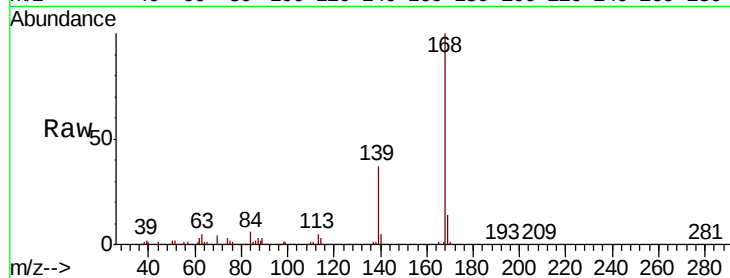
A51H3

Tot Ion:168 Resp: 786121

Ion Ratio Lower Upper

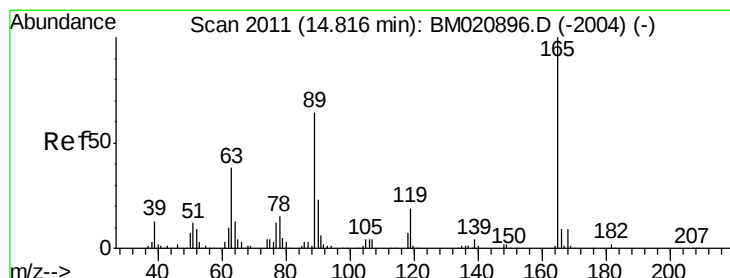
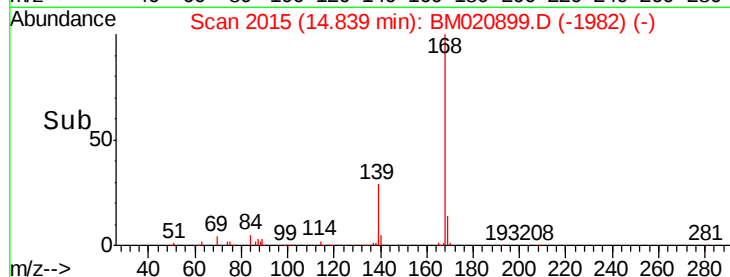
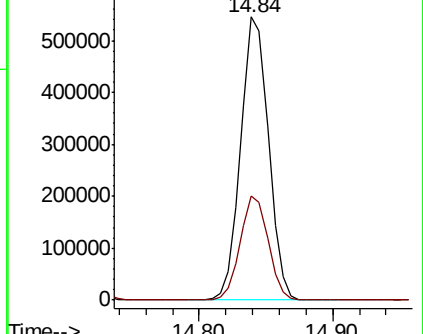
168 100

139 36.7 30.4 45.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 26.031 ng/ul

RT: 14.82 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

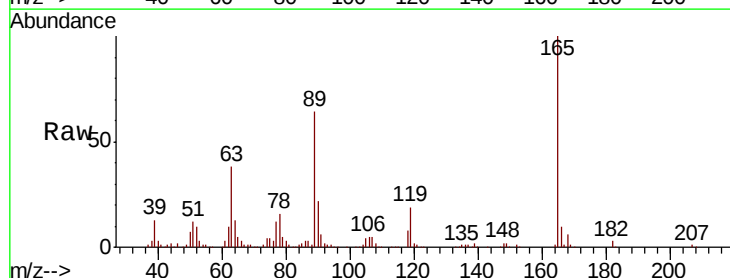
Tgt Ion:165 Resp: 290598

Ion Ratio Lower Upper

165 100

63 37.5 31.7 47.5

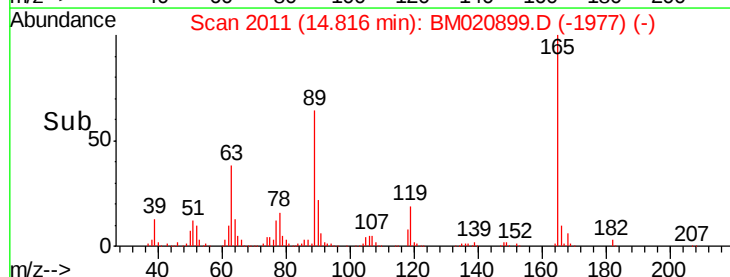
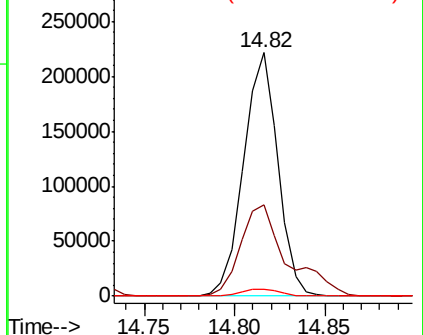
182 2.7 2.2 3.4

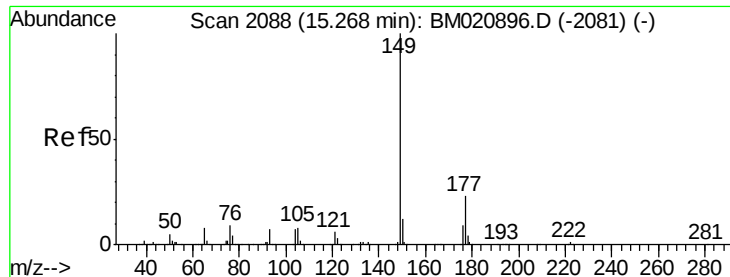


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

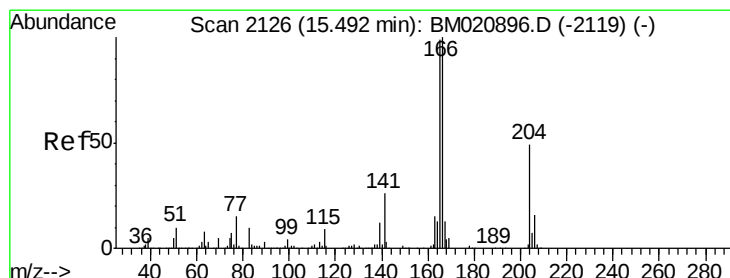
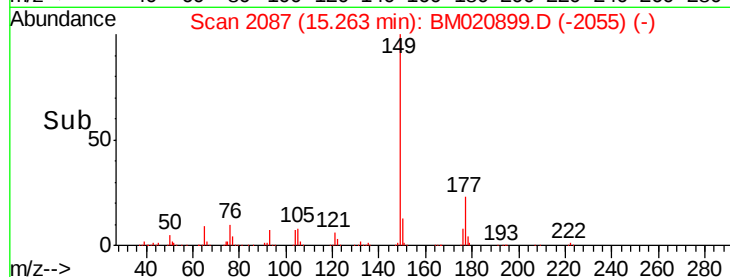
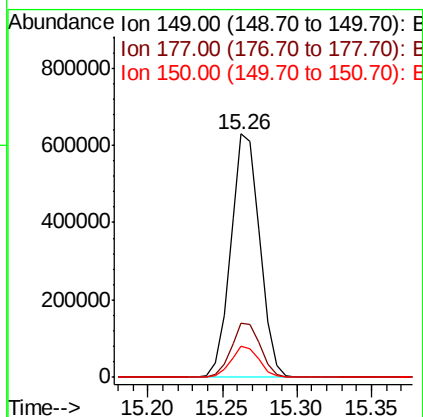
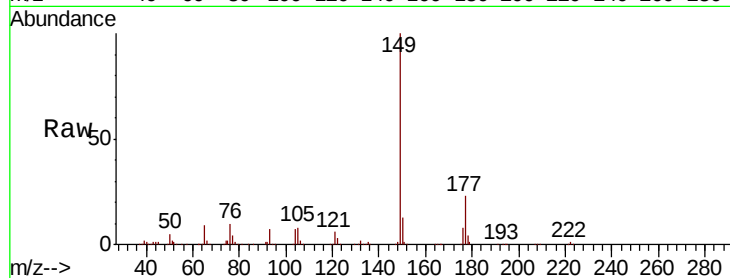




#56
Diethylphthalate
Concen: 20.774 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

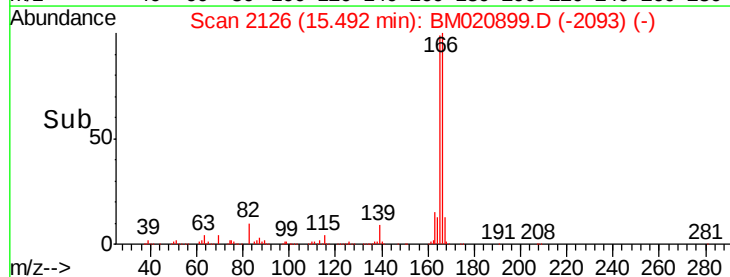
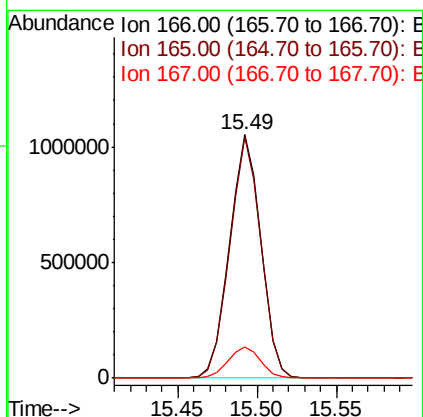
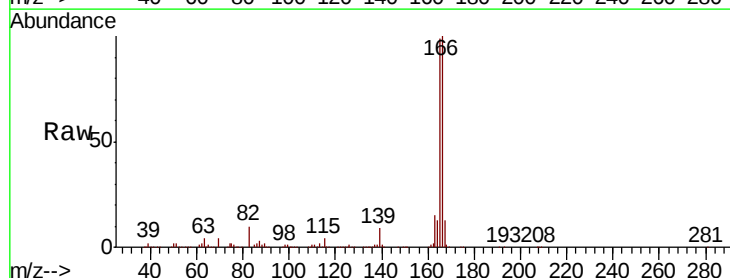
Instrument :
BNA_M
ClientSampleId :
A51H3

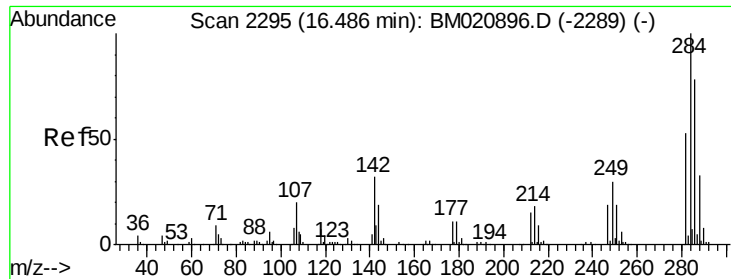
Tot Ion:149 Resp: 854146
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 12.7 9.8 14.8



#58
Fluorene
Concen: 35.812 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Tgt Ion:166 Resp: 1431811
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 13.1 10.8 16.2





#66

Hexachlorobenzene

Concen: 16.684 ng/ul

RT: 16.49 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampleId :

A51H3

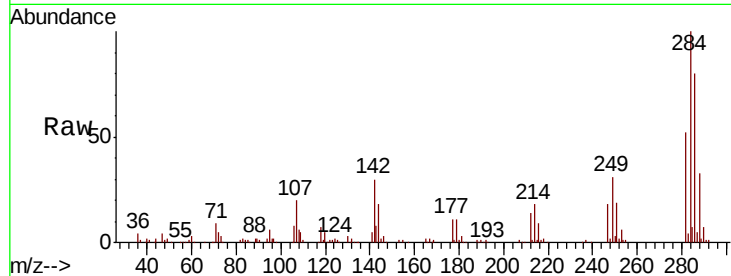
Tot Ion:284 Resp: 243861

Ion Ratio Lower Upper

284 100

142 30.4 26.2 39.2

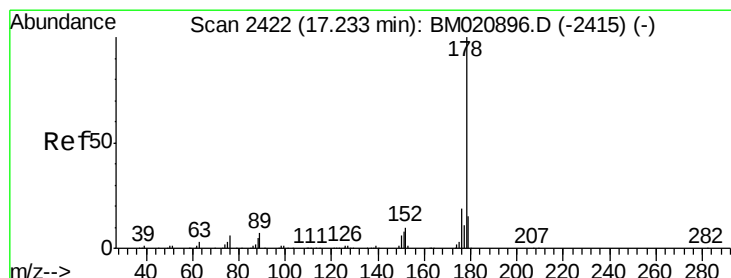
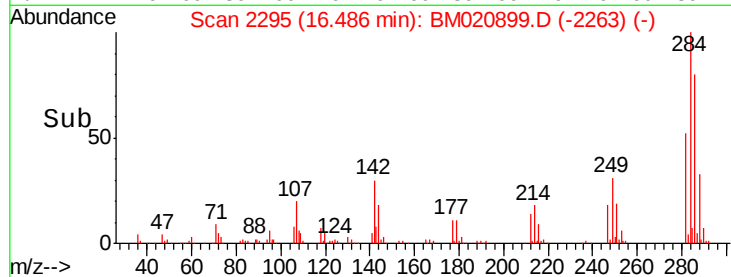
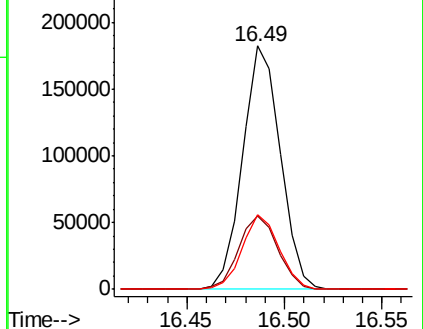
249 30.7 23.8 35.8



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: 32.292 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

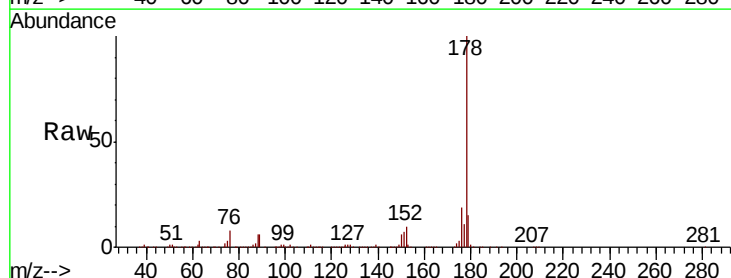
Tgt Ion:178 Resp: 1959021

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

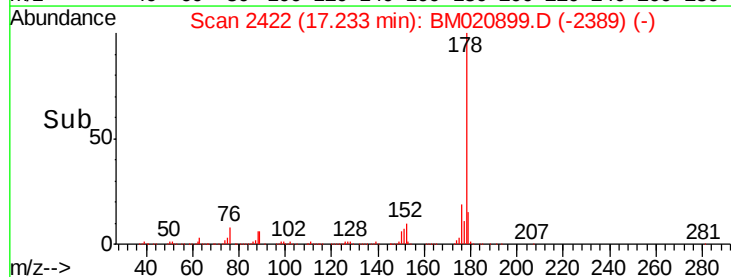
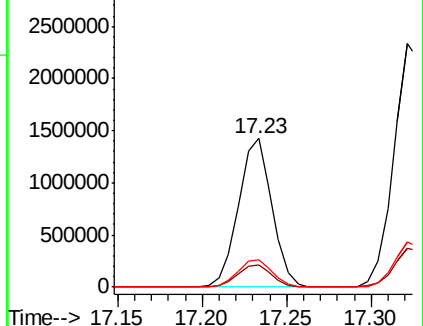
176 18.6 14.8 22.2

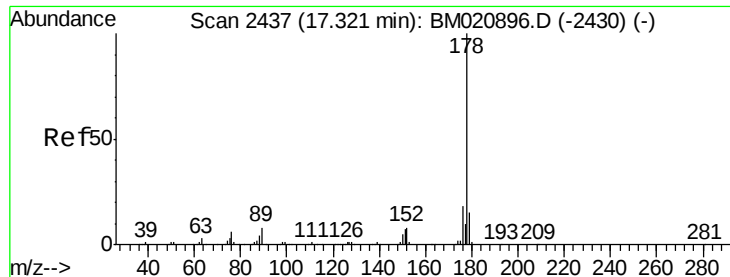


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



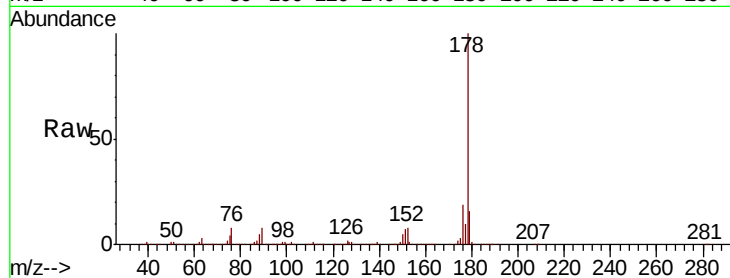


#71
 Anthracene
 Concen: 51.456 ng/ul
 RT: 17.32 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

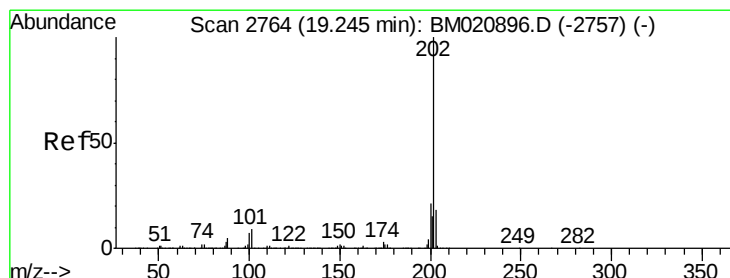
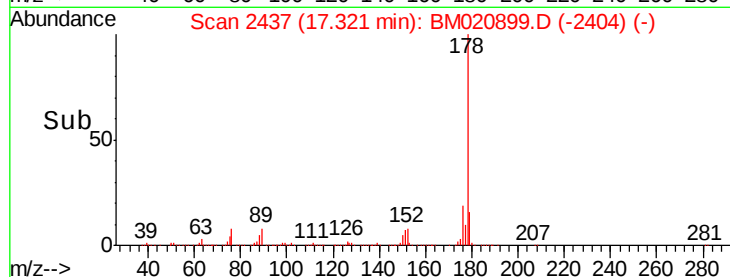
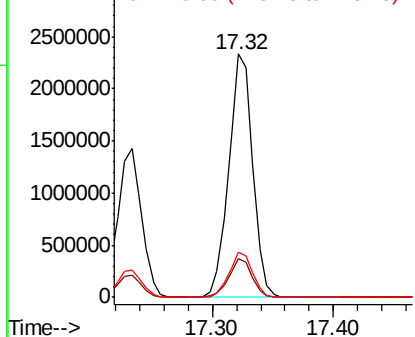
Instrument :
 BNA_M
 ClientSampleId :
 A51H3

Tot Ion:178 Resp: 3199780

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	18.5	14.9	22.3



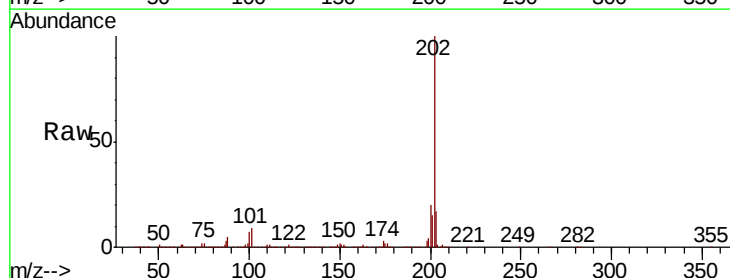
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



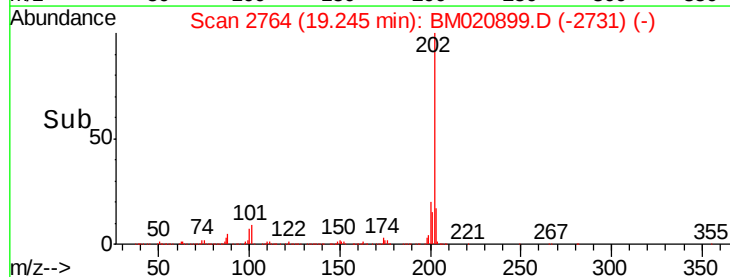
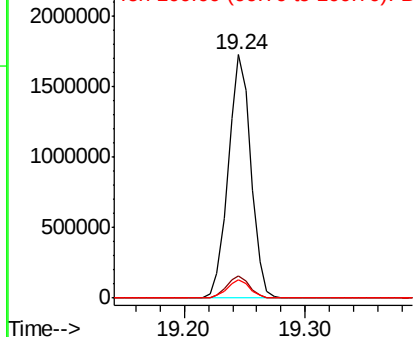
#76
 Fluoranthene
 Concen: 32.212 ng/ul
 RT: 19.24 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BM020899.D
 Acq: 12 Jun 2019 11:47

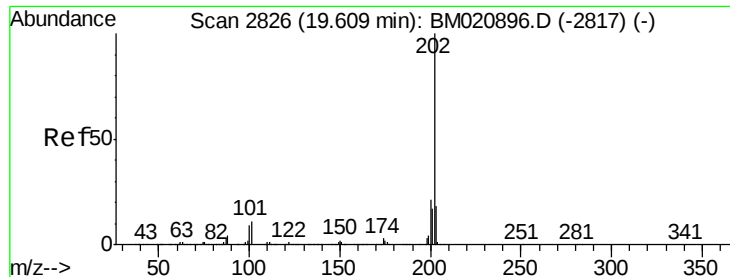
Tgt Ion:202 Resp: 2239431

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.9	11.9
100	7.3	6.2	9.4



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): E

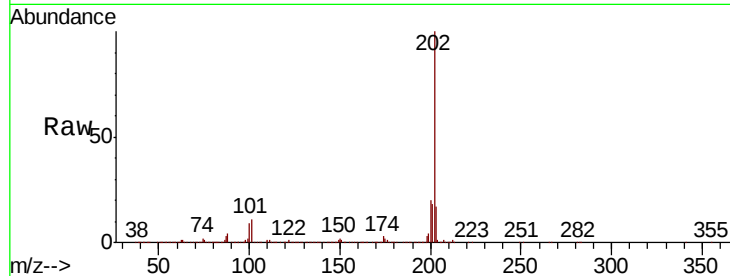




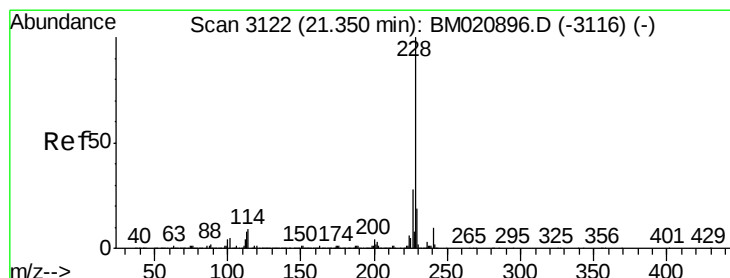
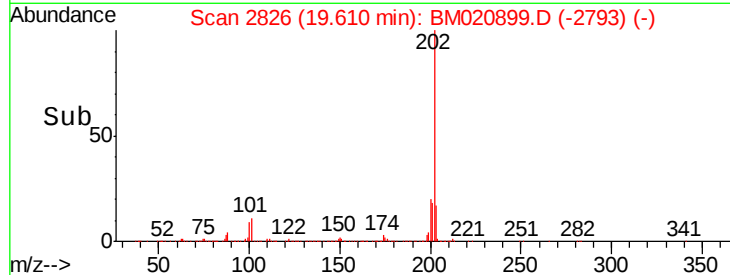
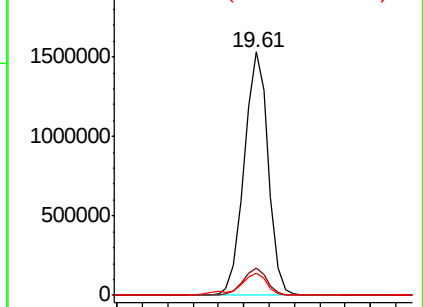
#79
Pvrene
Concen: 27.374 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Instrument :
BNA_M
ClientSampleId :
A51H3

Tot Ion:202 Resp: 2014508
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.6
100 9.3 8.0 12.0

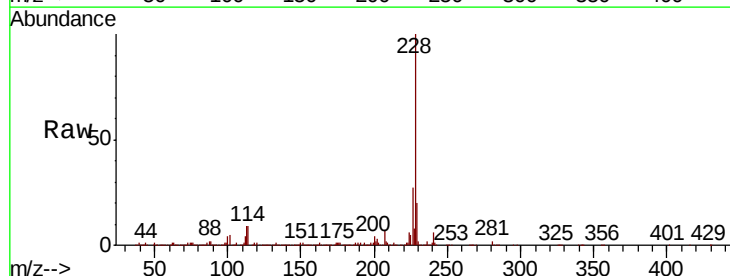


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

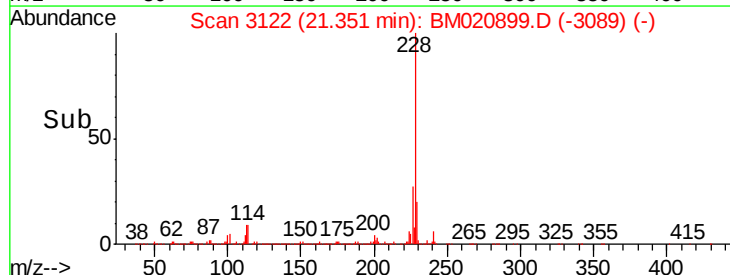
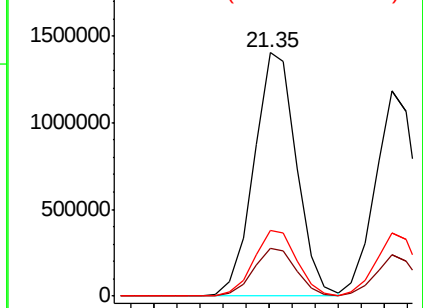


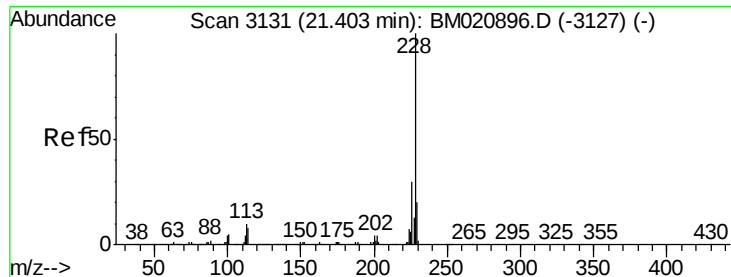
#82
Benzo(a)anthracene
Concen: 24.194 ng/ul
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Tgt Ion:228 Resp: 1799328
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.1 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: 21.009 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

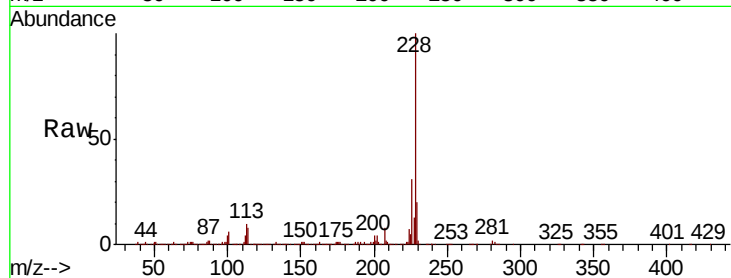
BNA_M

ClientSampleId :

A51H3

Tot Ion:228 Resp: 1449835

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.1	16.2	24.2

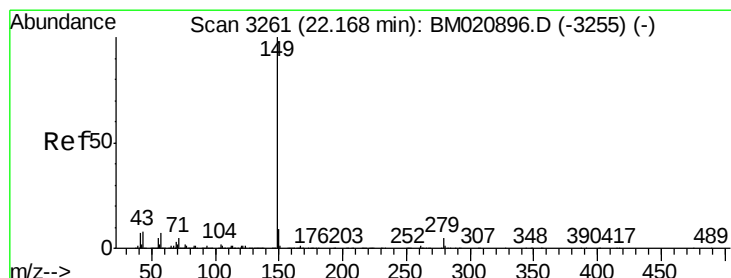
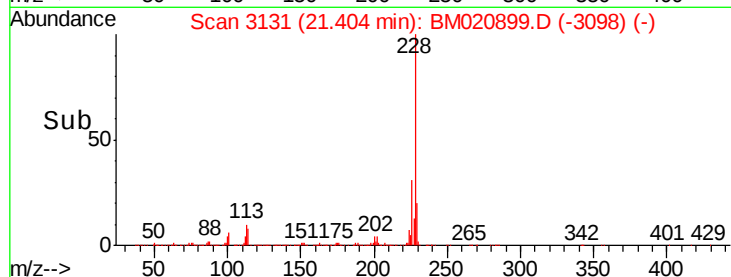
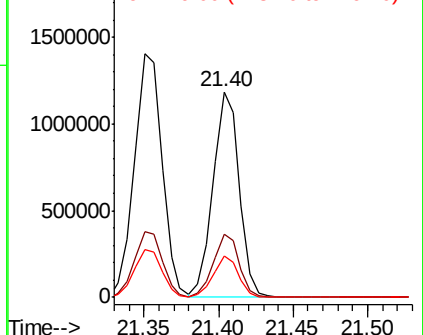


Abundance

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: 20.645 ng/ul

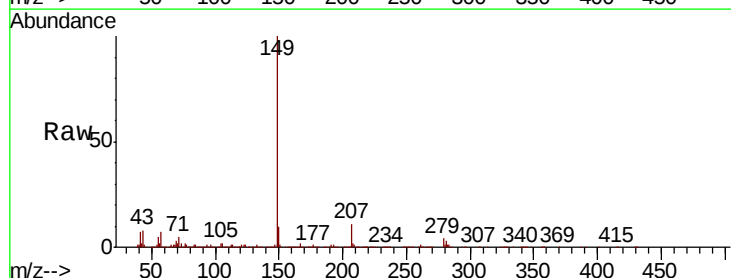
RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020899.D

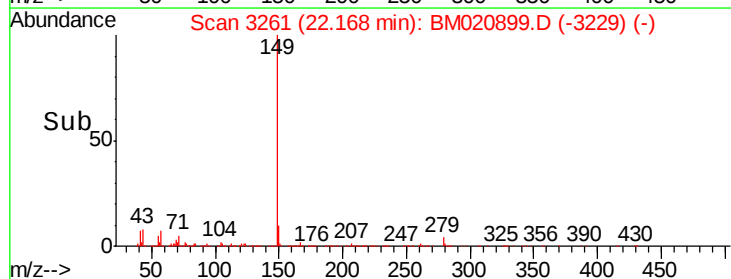
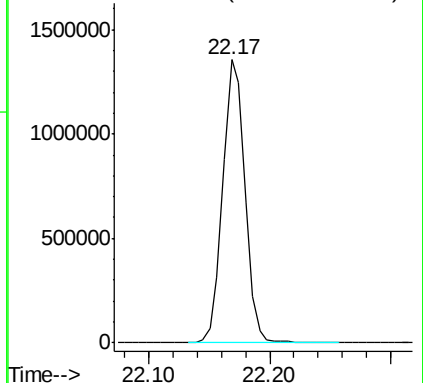
Acq: 12 Jun 2019 11:47

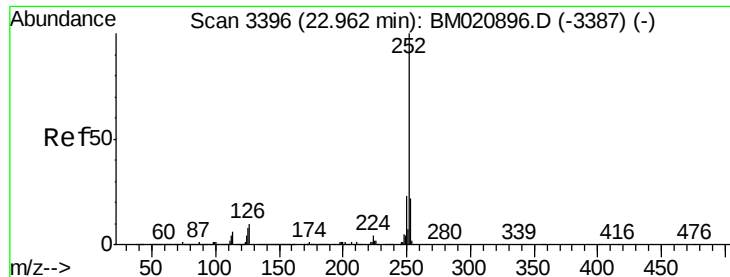
Tgt Ion:149 Resp: 1707834



Abundance

Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 40.737 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampled :

A51H3

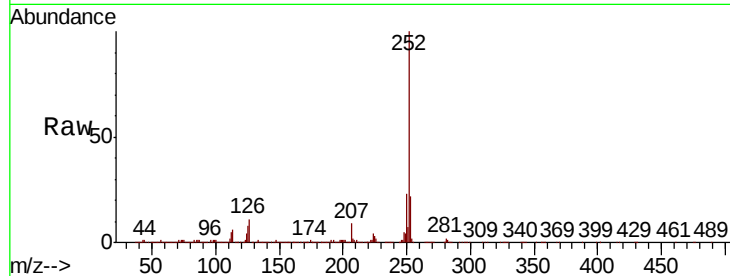
Tot Ion:252 Resp: 3306983

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

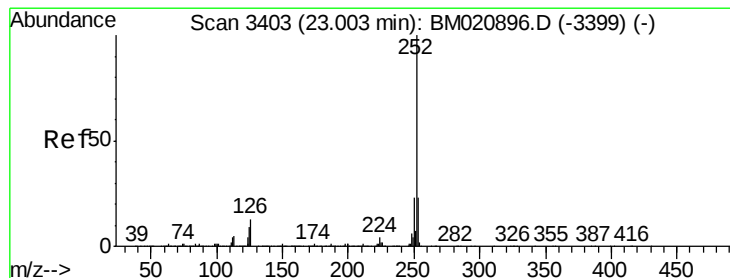
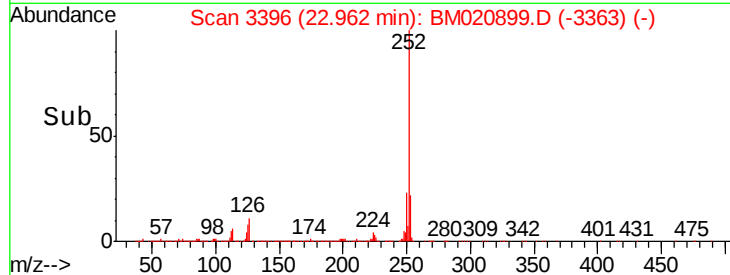
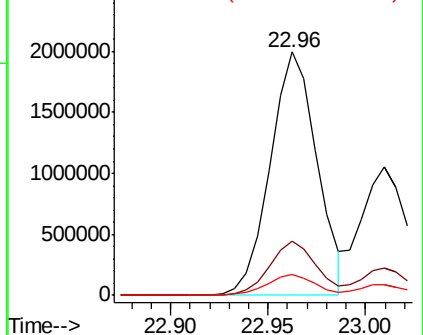
125 8.5 7.3 10.9



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: 21.702 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

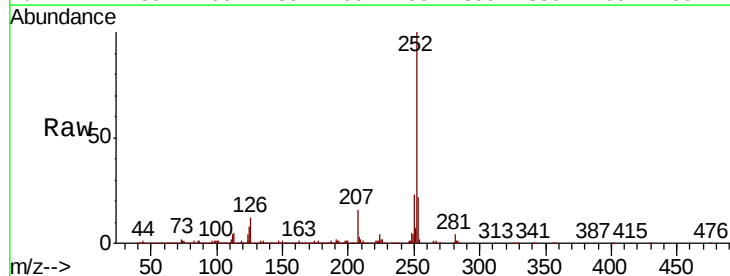
Tgt Ion:252 Resp: 1683898

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

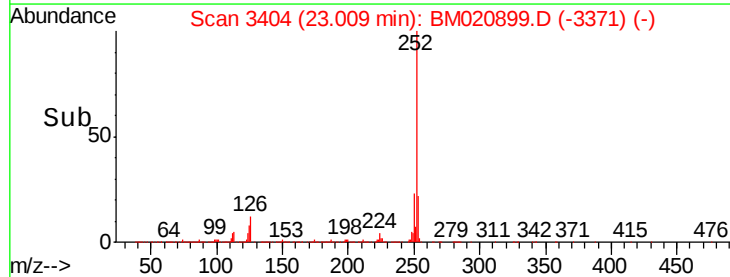
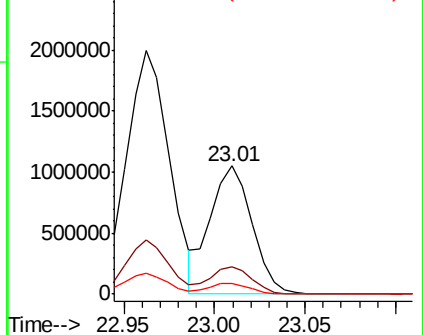
125 8.3 7.3 10.9

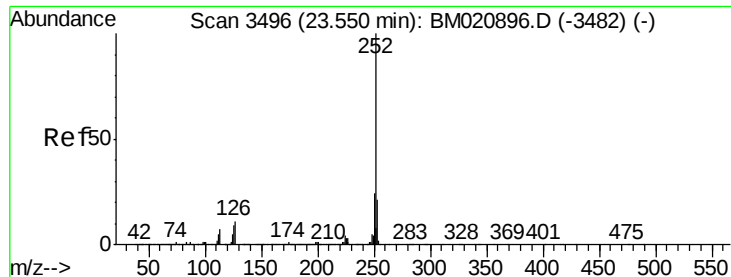


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 22.662 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

Instrument :

BNA_M

ClientSampleId :

A51H3

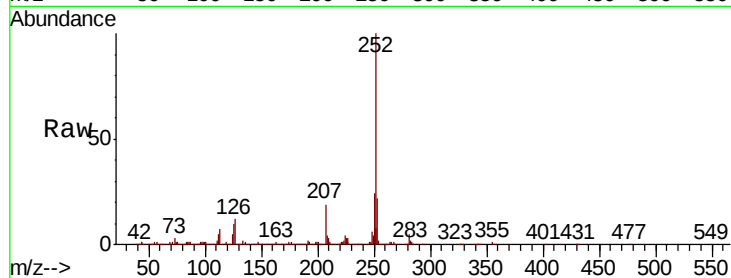
Tot Ion:252 Resp: 1750251

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.8 8.2 12.4

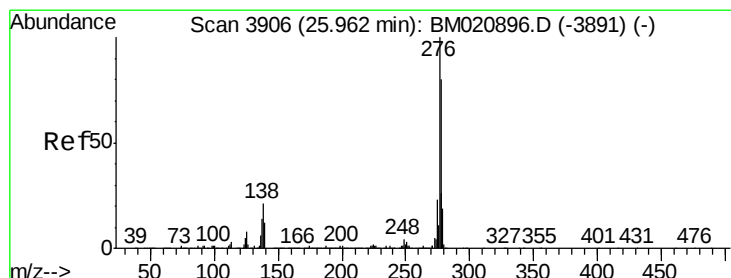
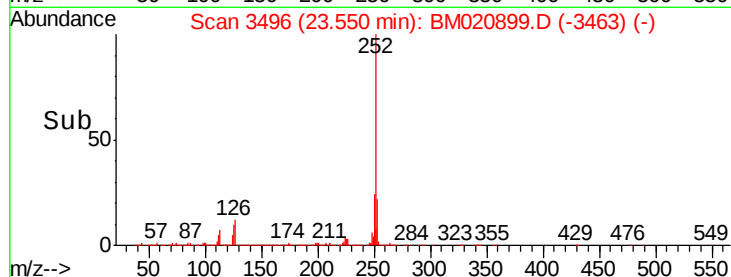
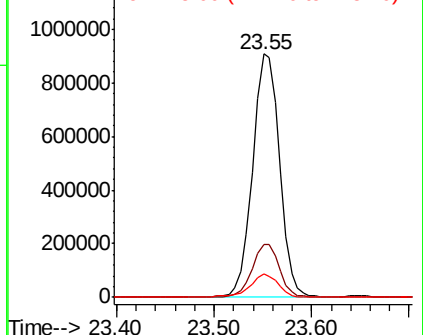


Abundance

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: 23.048 ng/ul

RT: 25.96 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM020899.D

Acq: 12 Jun 2019 11:47

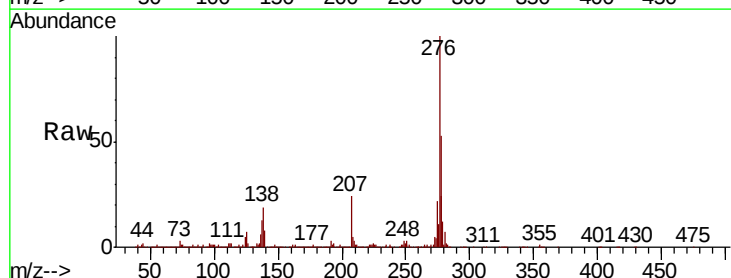
Tgt Ion:276 Resp: 2102405

Ion Ratio Lower Upper

276 100

138 19.4 17.8 26.8

277 24.2 20.0 30.0

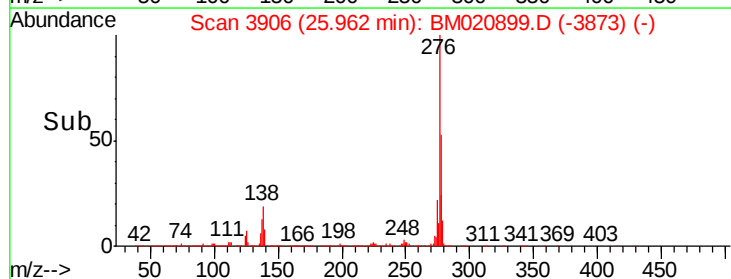
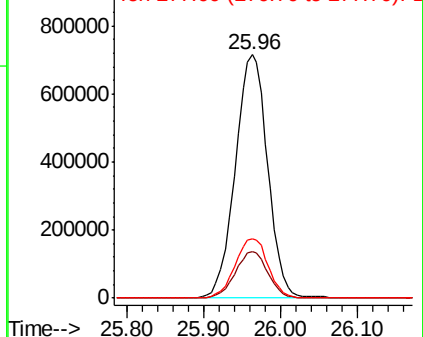


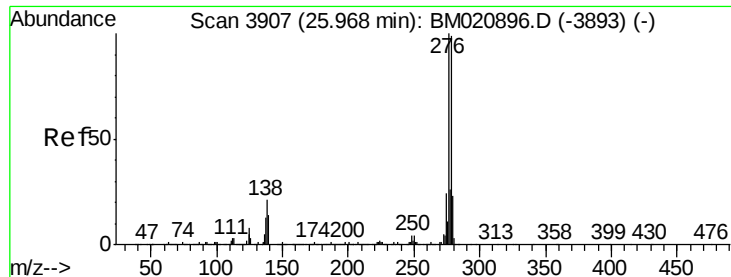
Abundance

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

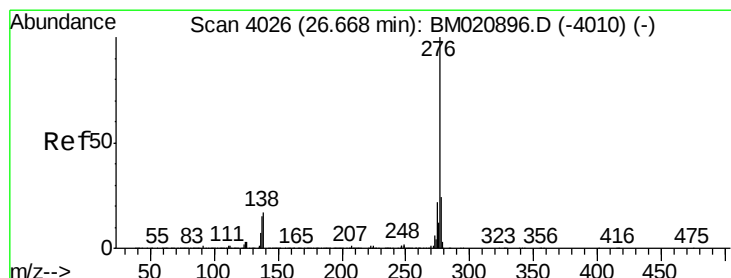
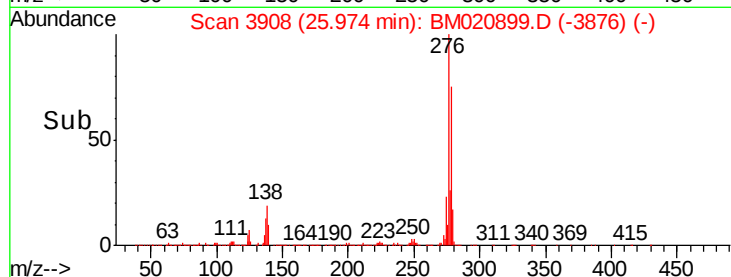
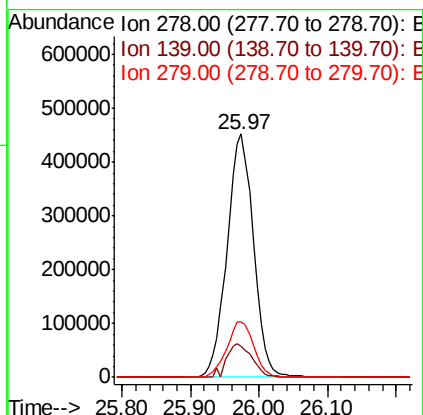
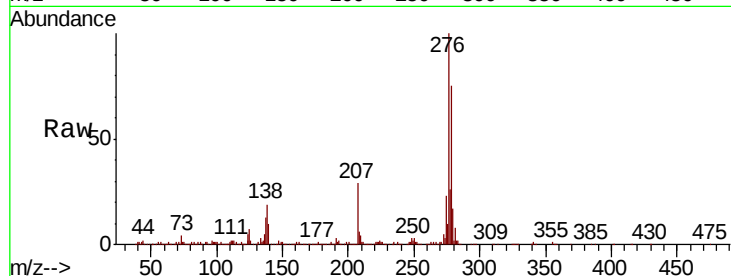




#92
Dibenzo(a,h)anthracene
Concen: 15.687 ng/ul
RT: 25.97 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Instrument :
BNA_M
ClientSampleId :
A51H3

Tot Ion:278 Resp: 1212494
Ion Ratio Lower Upper
278 100
139 13.0 11.6 17.4
279 23.0 18.6 28.0



#93
Benzo(g,h,i)perylene
Concen: 38.053 ng/ul
RT: 26.68 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM020899.D
Acq: 12 Jun 2019 11:47

Tgt Ion:276 Resp: 2816091
Ion Ratio Lower Upper
276 100
138 17.5 16.6 25.0
277 23.9 19.6 29.4

