

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022904.D
 Acq On : 02 Oct 2019 22:01
 Operator : JU
 Sample : K4895-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 01:00:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	274770	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1157077	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	659992	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1096152	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	833129	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	984308	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37385	5.88	ng/uL	0.00
5) Phenol-d5	6.97	99	171578	7.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	351188	26.43	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	436160	22.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	305536	15.37	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	256189	28.69	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	278279	28.54	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	526015	27.09	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	505500	21.43	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1629731	31.82	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1864177	31.52	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	64447	6.37	ng/ul	0.00
58) Fluorene-d10	15.43	176	1339959	30.69	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	194370	27.25	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1810779	33.83	ng/ul	-0.01
79) Pyrene-d10	19.56	212	1709697	38.13	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1764428	34.65	ng/ul	-0.02

Target Compounds

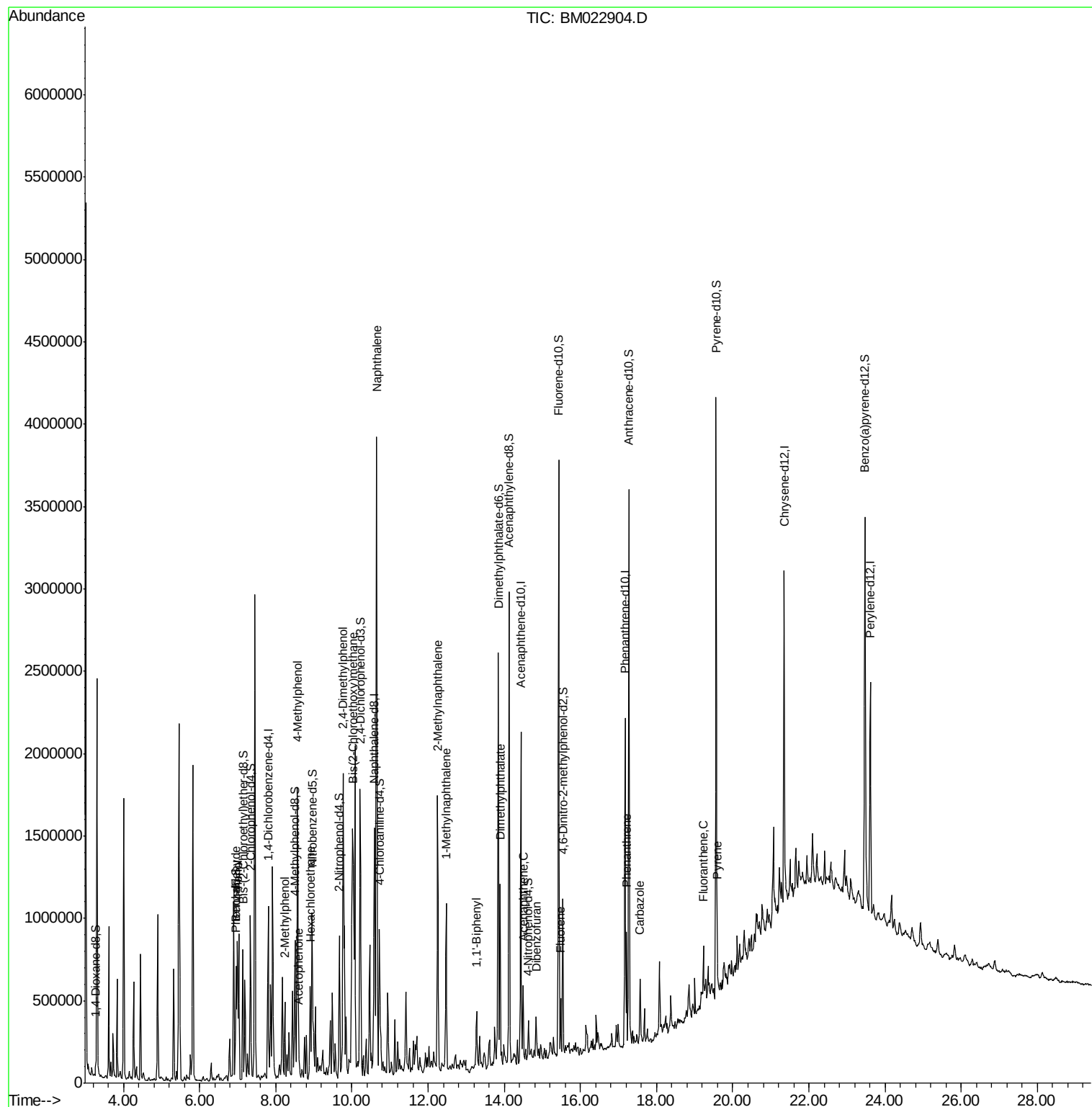
					Ovalue	
4) Benzaldehyde	6.95	77	45745	4.158	ng/ul#	1
6) Phenol	6.99	94	463784	18.223	ng/ul	99
11) 2-Methylphenol	8.24	108	147285	7.508	ng/ul	99
14) Acetophenone	8.60	105	113243	3.727	ng/ul#	41
16) 4-Methylphenol	8.57	108	706409	32.569	ng/ul	97
17) Hexachloroethane	8.90	117	68858	8.640	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	688285	31.697	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	37994	1.451	ng/ul#	1
28) Naphthalene	10.64	128	2628489	42.063	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	790851	16.880	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	470470	10.514	ng/ul	99
41) 1,1'-Biphenyl	13.27	154	54326	1.005	ng/ul	99
45) Dimethylphthalate	13.89	163	677424	12.874	ng/ul	99
50) Acenaphthene	14.50	153	179218	4.030	ng/ul	99
54) Dibenzofuran	14.83	168	133681	2.105	ng/ul	98
59) Fluorene	15.48	166	138763	2.703	ng/ul	99
70) Phenanthrene	17.22	178	396022	6.053	ng/ul	100
75) Carbazole	17.57	167	252592	4.264	ng/ul	99
77) Fluoranthene	19.23	202	124897	1.697	ng/ul	96
80) Pyrene	19.59	202	103474	1.752	ng/ul	98

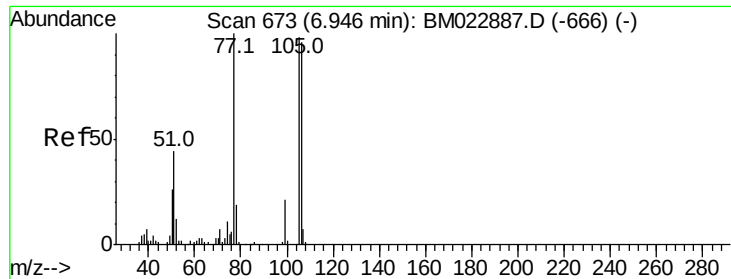
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 03 01:00:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.158 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Instrument :

BNA_M

ClientSampleId :

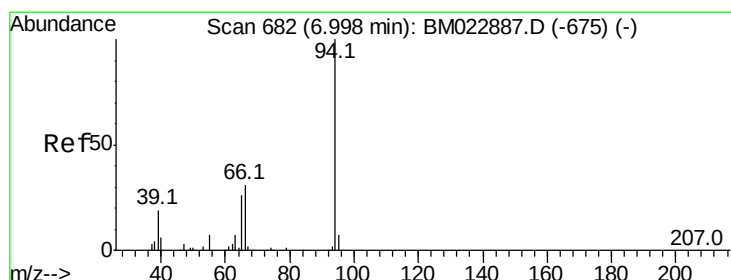
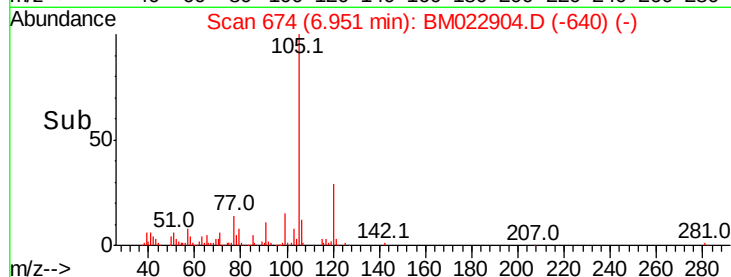
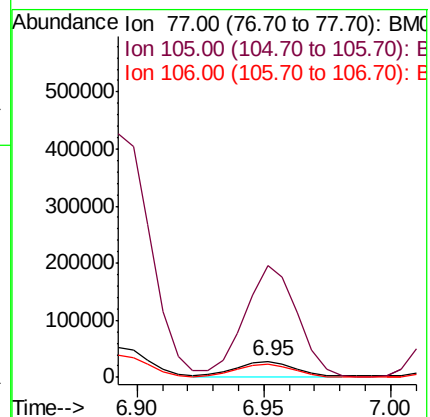
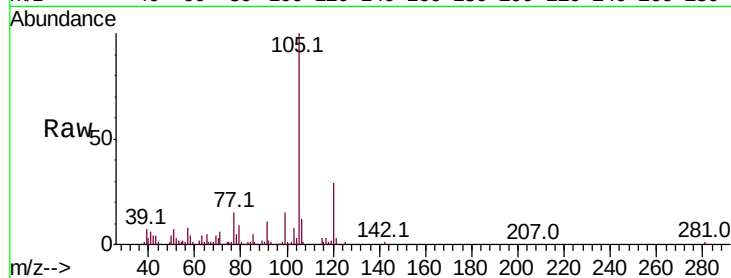
Tot Ion: 77 Resp: 45745

Ion Ratio Lower Upper

77 100

105 684.2 80.6 120.8#

106 82.9 77.0 115.6



#6

Phenol

Concen: 18.223 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

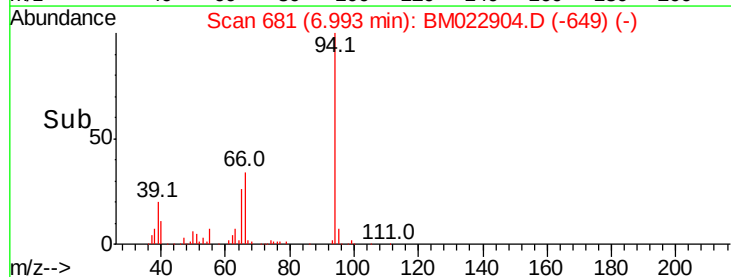
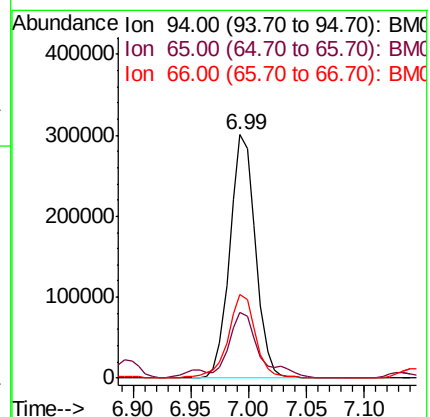
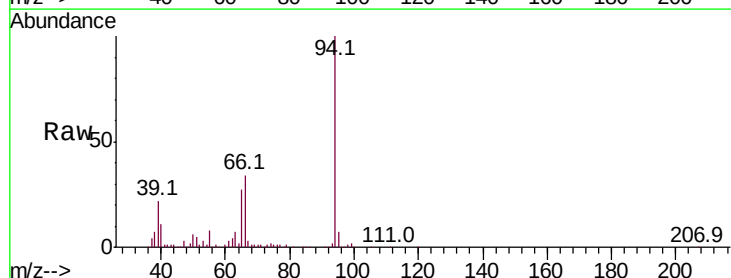
Tgt Ion: 94 Resp: 463784

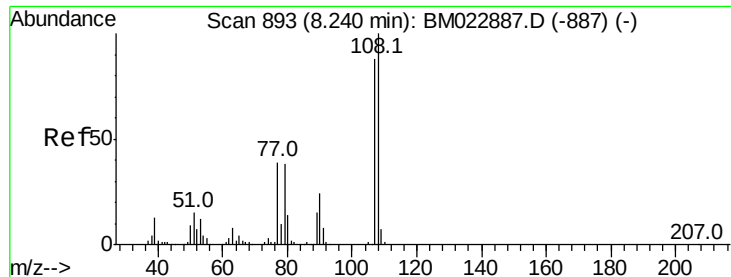
Ion Ratio Lower Upper

94 100

65 27.2 20.9 31.3

66 34.5 27.2 40.8

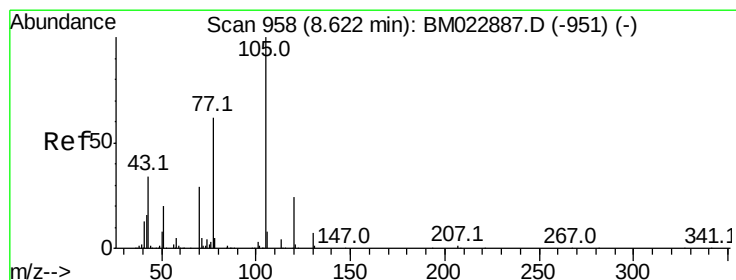
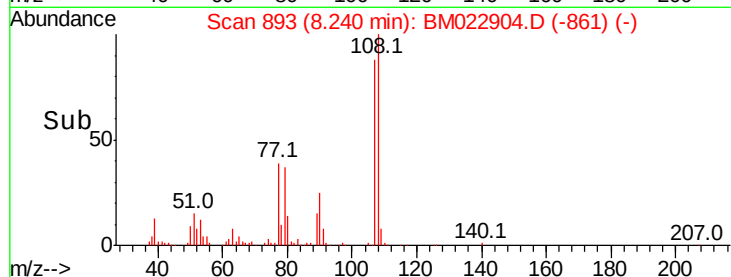
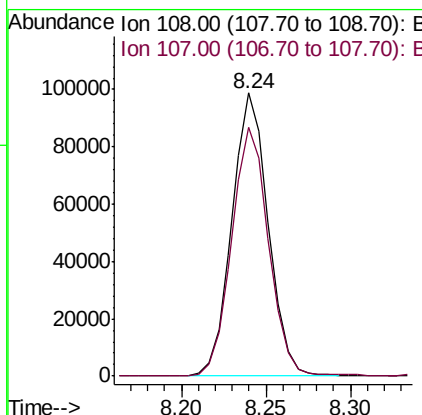
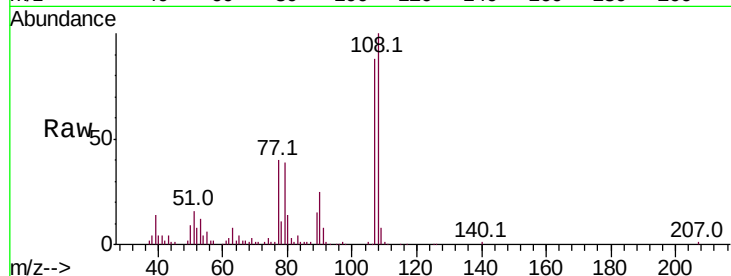




#11
2-Methylphenol
Concen: 7.508 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

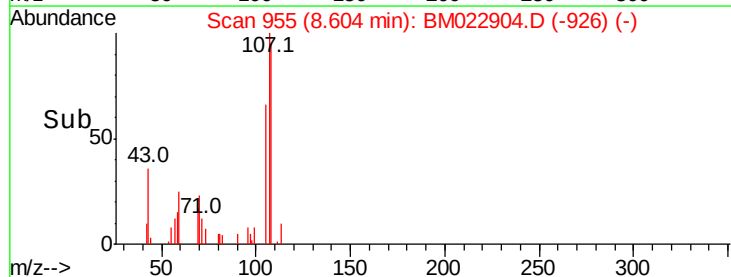
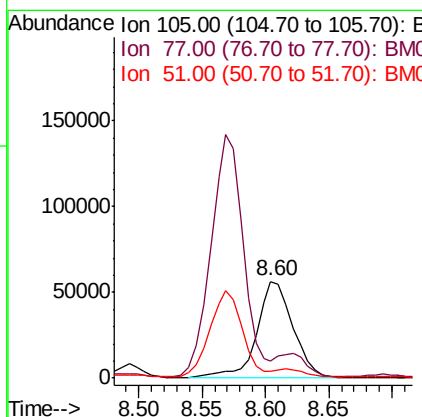
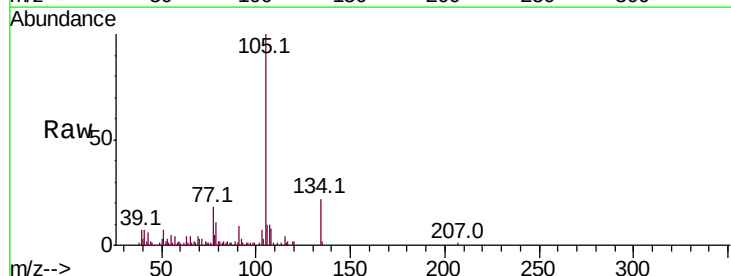
Instrument :
BNA_M
ClientSampled :

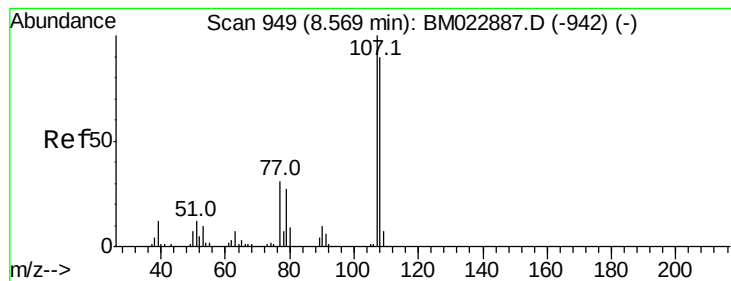
Tot Ion:108 Resp: 147285
Ion Ratio Lower Upper
108 100
107 87.7 71.0 106.4



#14
Acetophenone
Concen: 3.727 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.03 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion:105 Resp: 113243
Ion Ratio Lower Upper
105 100
77 18.1 59.4 89.0#
51 6.8 19.4 29.0#





#16

4-Methylphenol

Concen: 32.569 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Instrument :

BNA_M

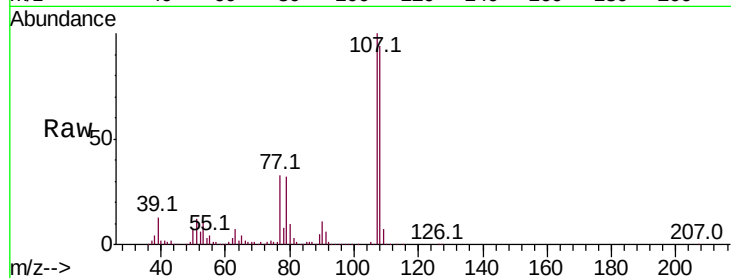
ClientSampleId :

Tot Ion:108 Resp: 706409

Ion Ratio Lower Upper

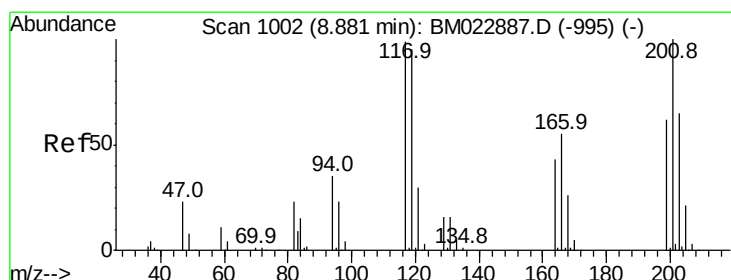
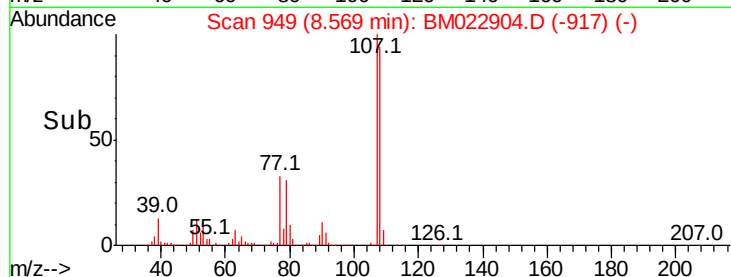
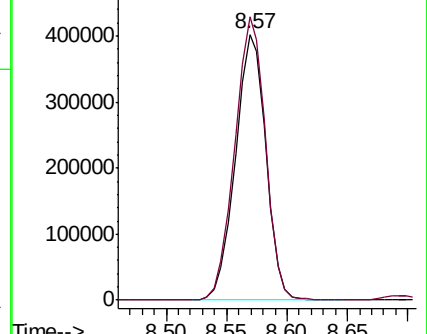
108 100

107 106.4 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 8.640 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

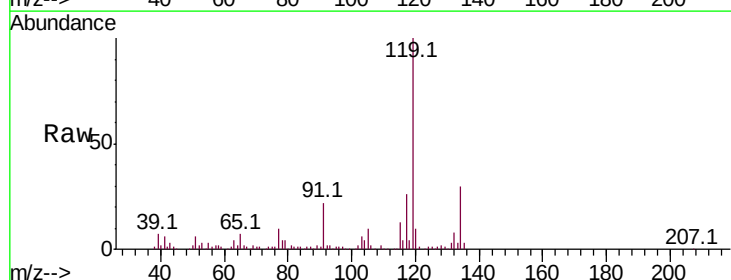
Tgt Ion:117 Resp: 68858

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

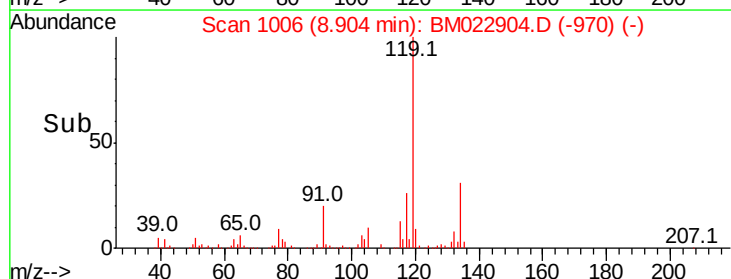
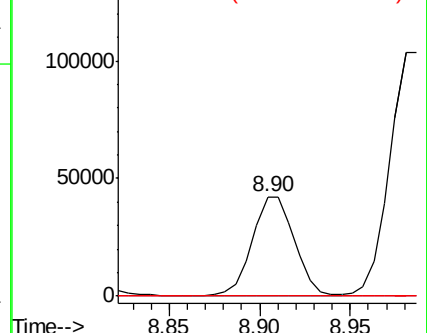
199 0.0 51.6 77.4#

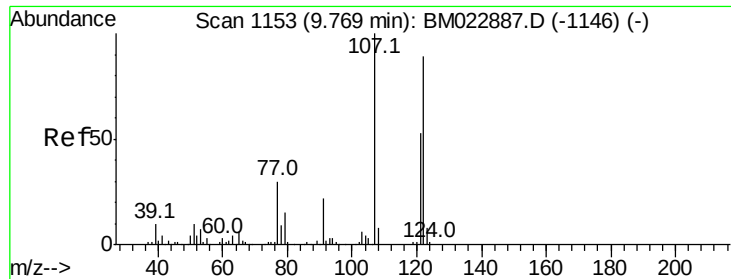


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 31.697 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Instrument :

BNA_M

ClientSampleId :

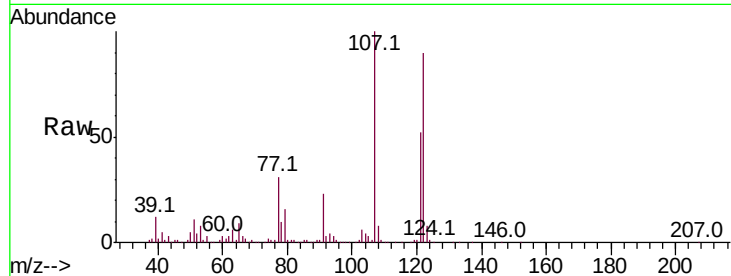
Tot Ion:107 Resp: 688285

Ion Ratio Lower Upper

107 100

121 52.2 43.0 64.4

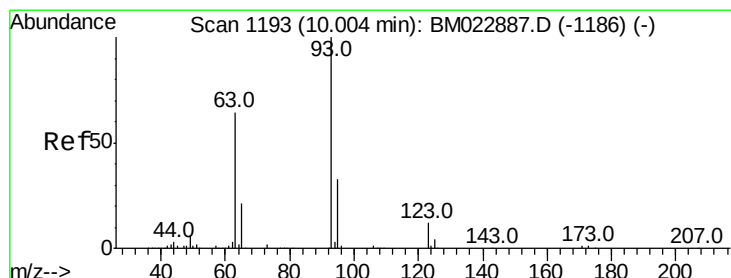
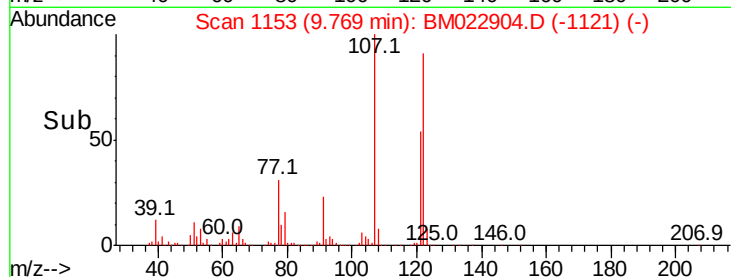
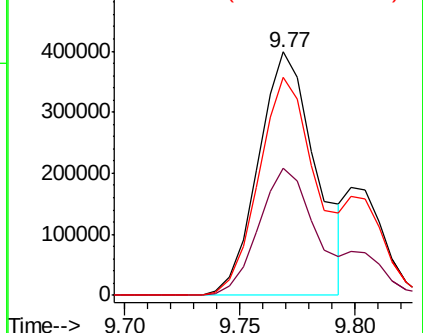
122 89.8 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 1.451 ng/ul

RT: 10.02 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

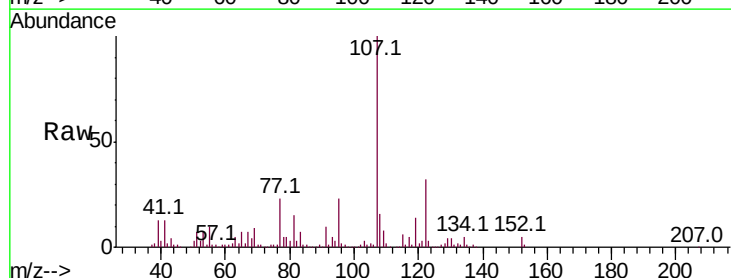
Tgt Ion: 93 Resp: 37994

Ion Ratio Lower Upper

93 100

95 463.3 25.7 38.5#

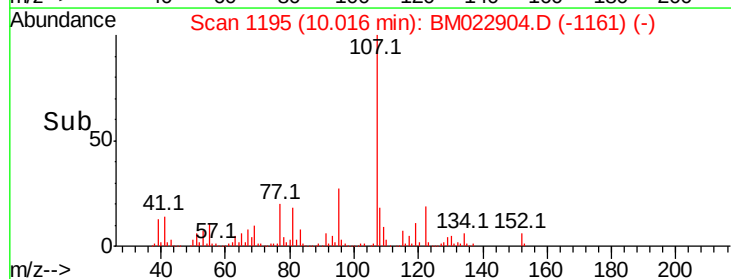
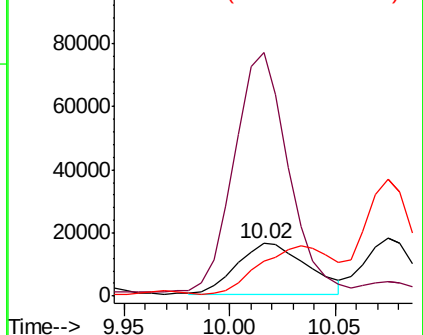
123 67.7 9.4 14.0#

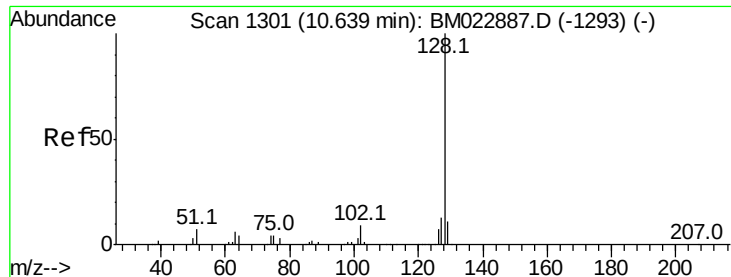


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

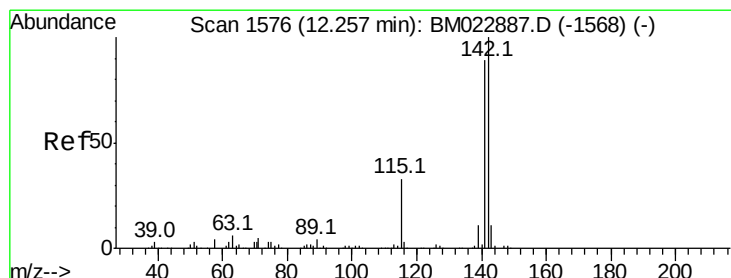
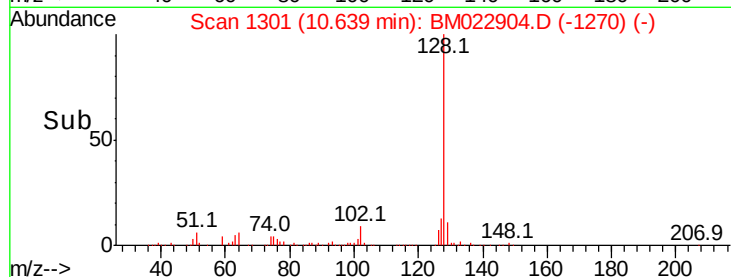
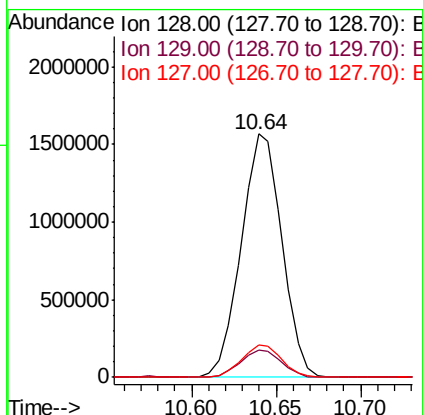
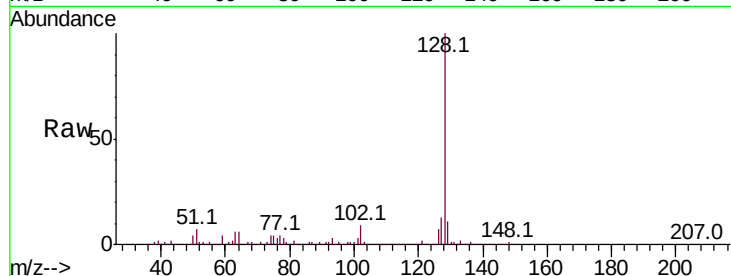




#28
Naphthalene
Concen: 42.063 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

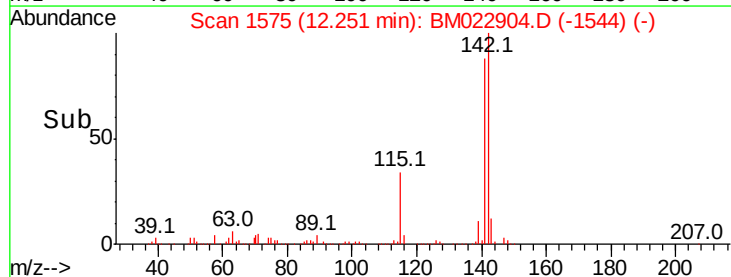
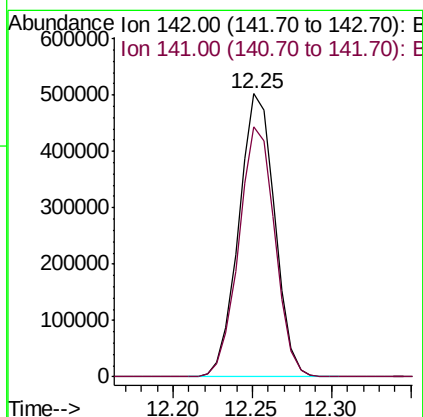
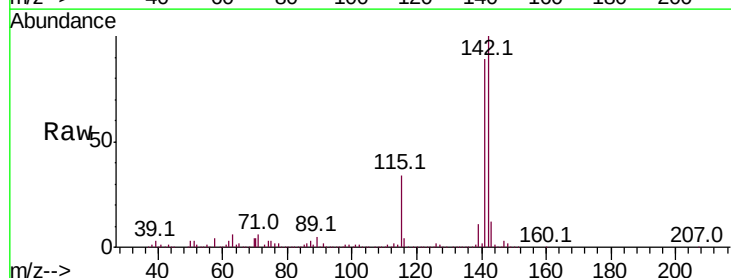
Instrument :
BNA_M
ClientSampleId :

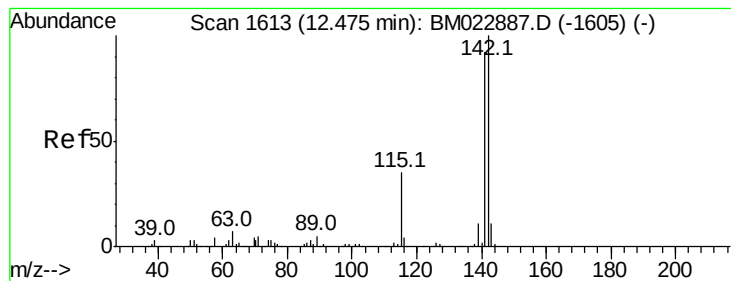
Tot Ion:128 Resp: 2628489
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.2 15.4



#34
2-Methylnaphthalene
Concen: 16.880 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion:142 Resp: 790851
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8





#35

1-Methylnaphthalene

Concen: 10.514 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Instrument :

BNA_M

ClientSampleId :

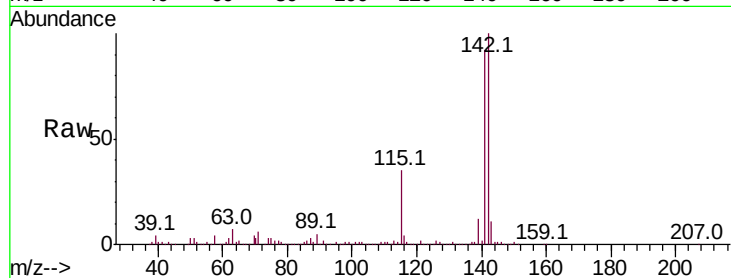
Tot Ion:142 Resp: 470470

Ion Ratio Lower Upper

142 100

141 92.5 73.0 109.6

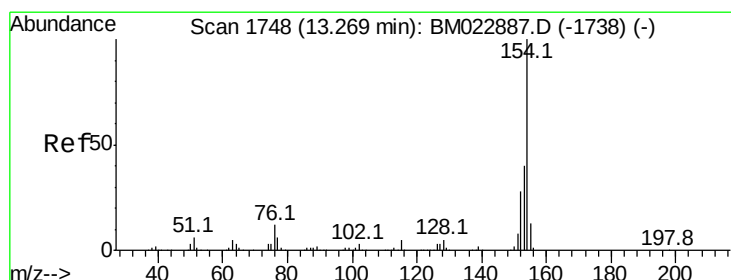
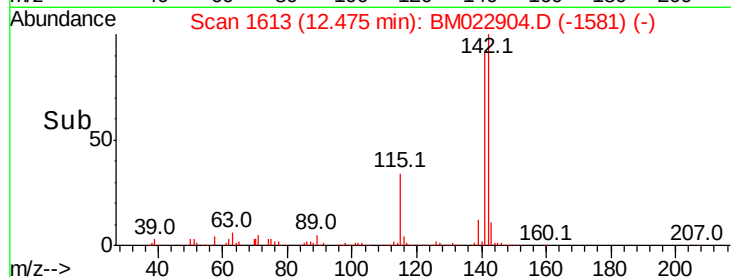
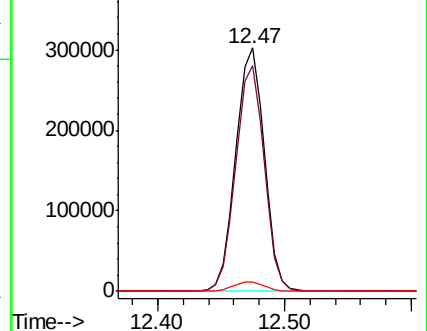
116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 1.005 ng/ul

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

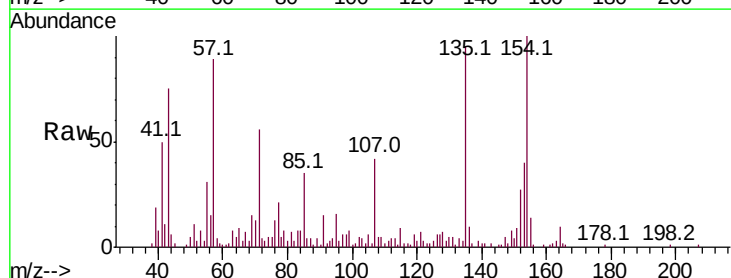
Tgt Ion:154 Resp: 54326

Ion Ratio Lower Upper

154 100

153 40.1 31.8 47.6

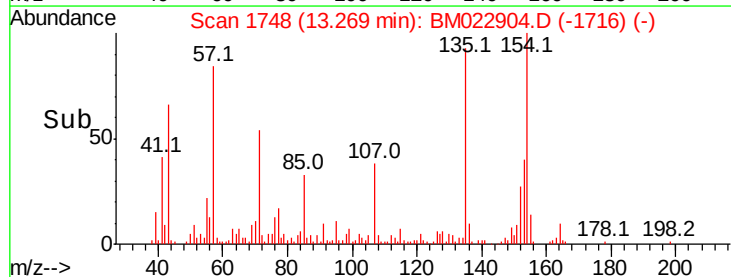
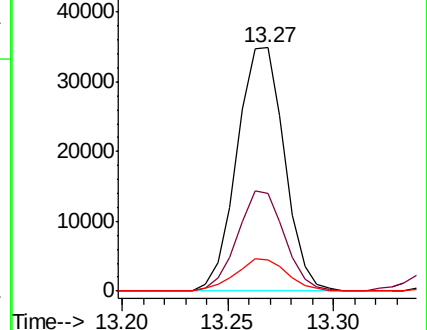
76 12.8 9.6 14.4

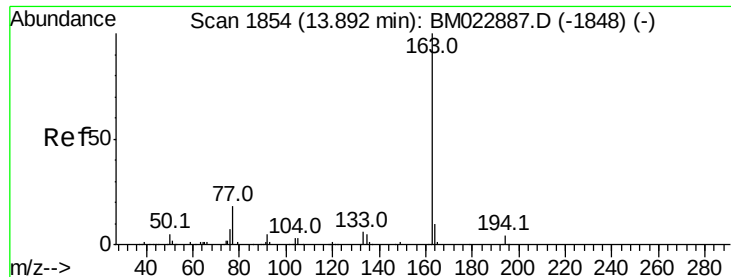


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

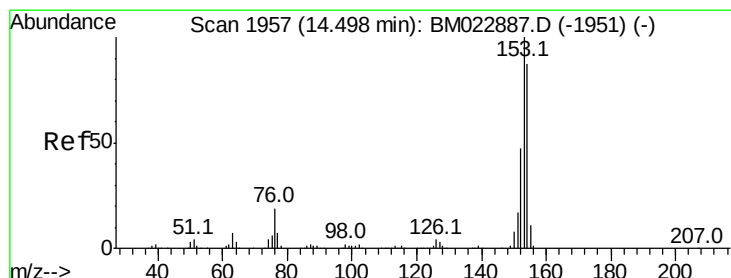
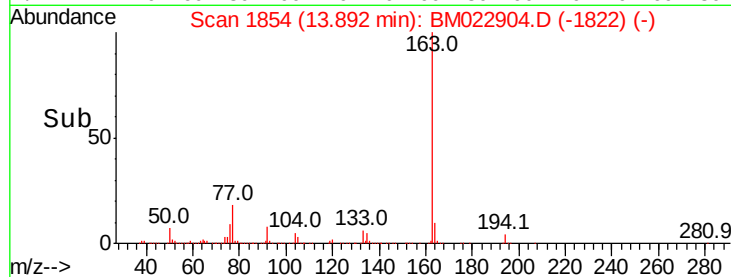
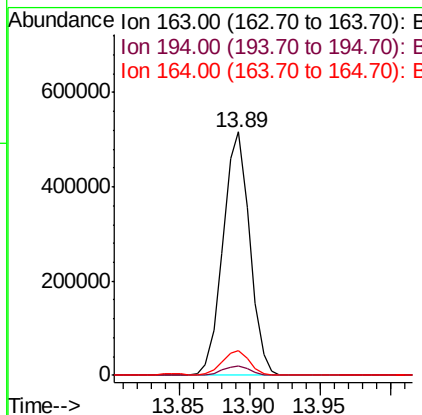
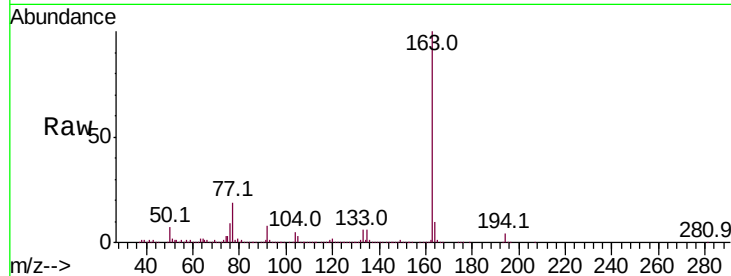




#45
Dimethylphthalate
Concen: 12.874 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

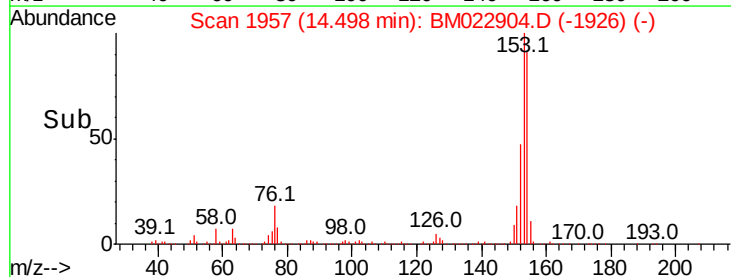
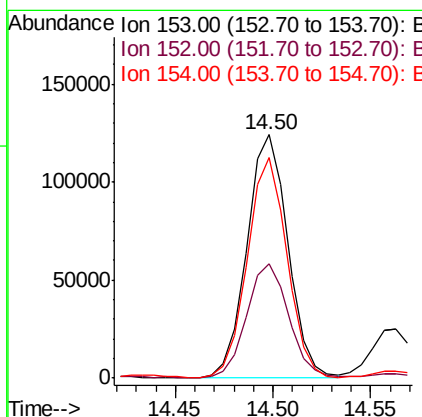
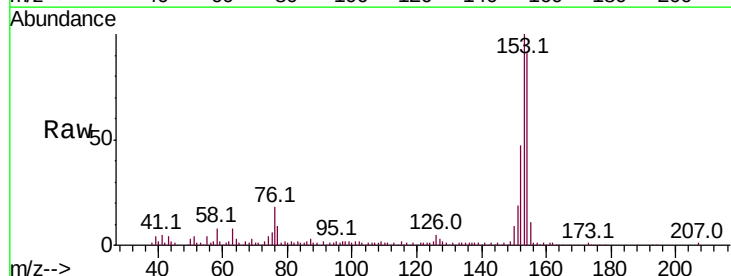
Instrument :
BNA_M
ClientSampleId :

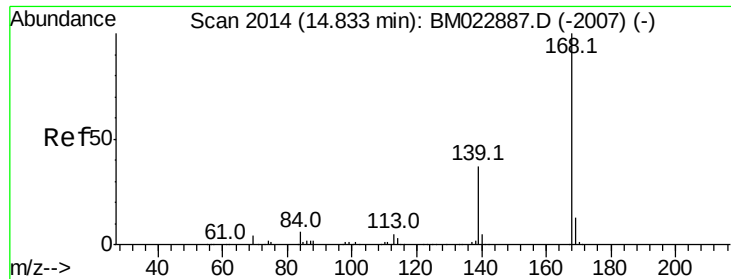
Tot Ion:163 Resp: 677424
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1



#50
Acenaphthene
Concen: 4.030 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion:153 Resp: 179218
Ion Ratio Lower Upper
153 100
152 47.2 38.1 57.1
154 90.6 71.1 106.7

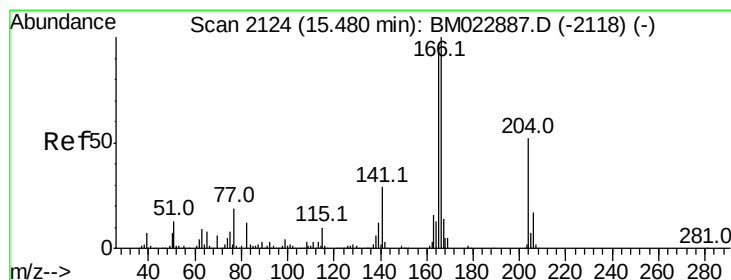
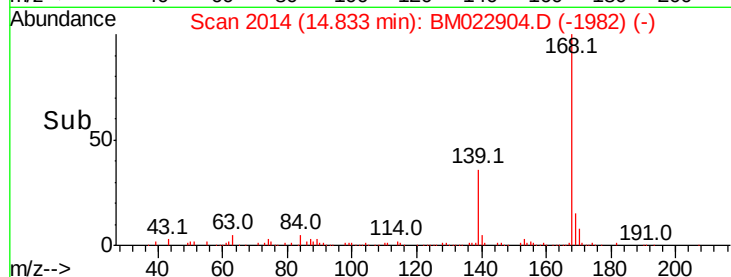
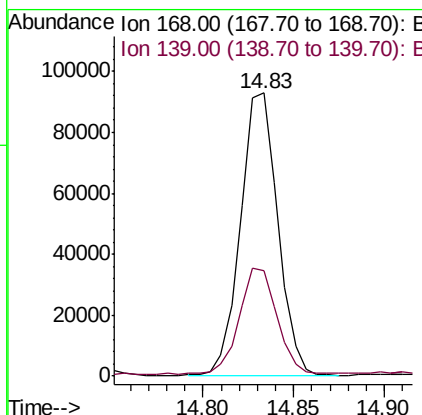
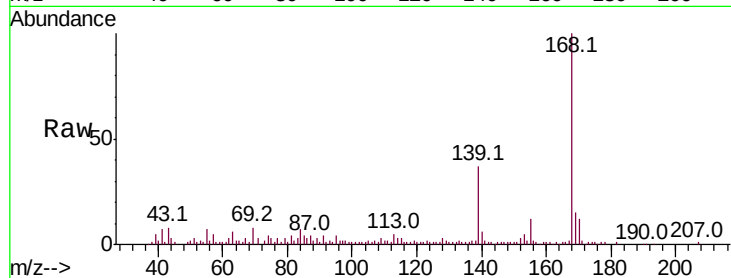




#54
Dibenzenofuran
Concen: 2.105 ng/ul
RT: 14.83 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

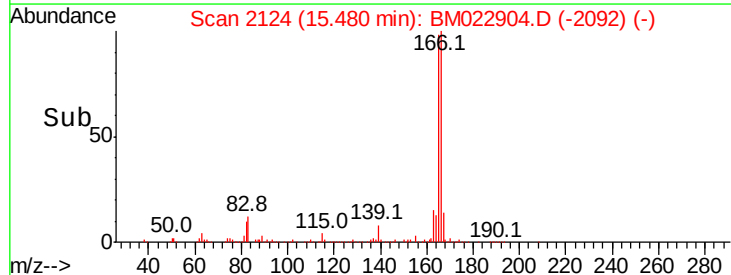
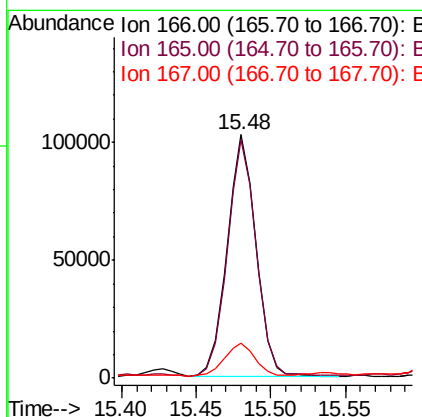
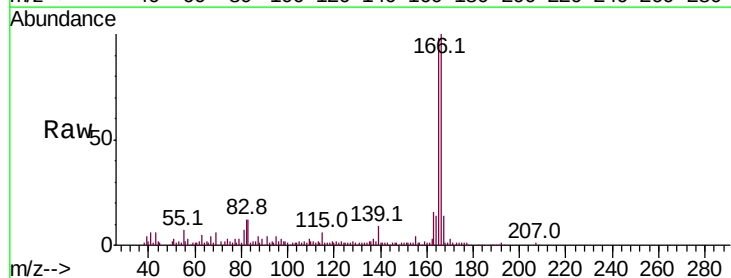
Instrument :
BNA_M
ClientSampleId :

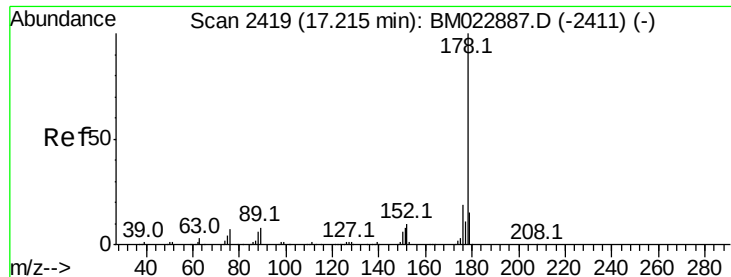
Tot Ion:168 Resp: 133681
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.4



#59
Fluorene
Concen: 2.703 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM022904.D
Acq: 02 Oct 2019 22:01

Tgt Ion:166 Resp: 138763
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 14.4 11.0 16.4





#70

Phenanthrene

Concen: 6.053 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

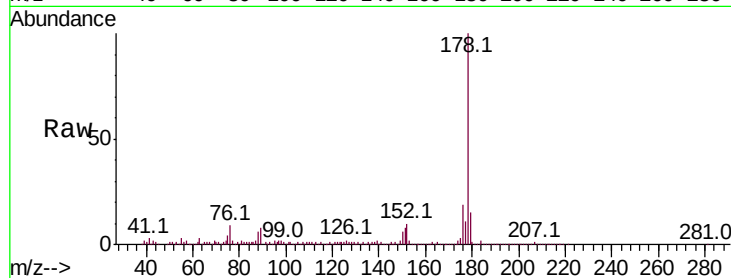
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 396022

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.4	15.3	22.9

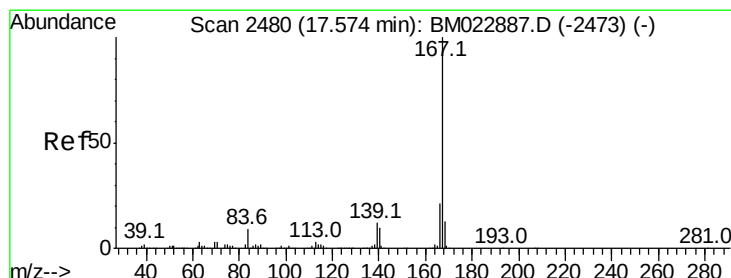
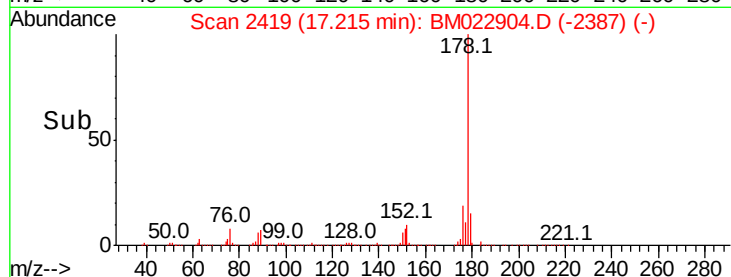
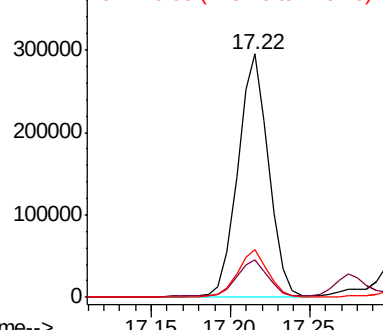


Abundance

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



#75

Carbazole

Concen: 4.264 ng/ul

RT: 17.57 min Scan# 2480

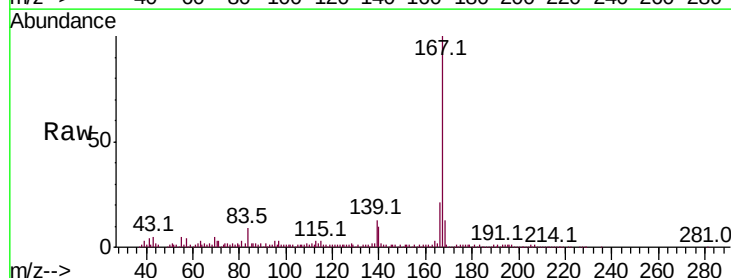
Delta R.T. -0.01 min

Lab File: BM022904.D

Acq: 02 Oct 2019 22:01

Tgt Ion:167 Resp: 252592

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	12.9	9.9	14.9

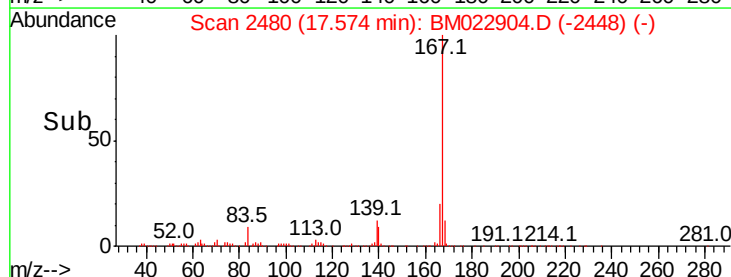
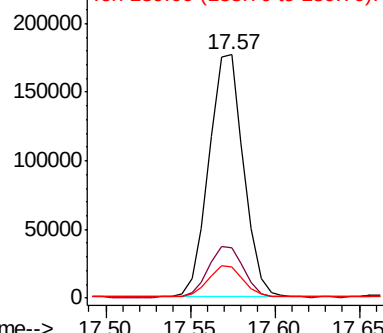


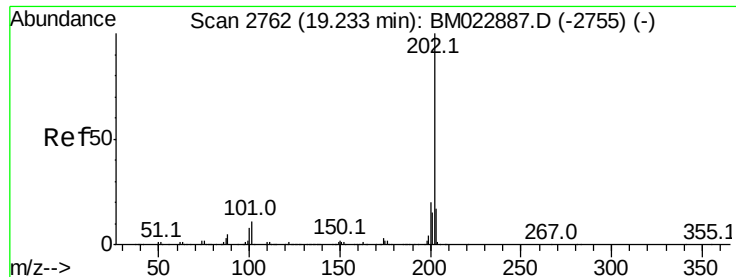
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

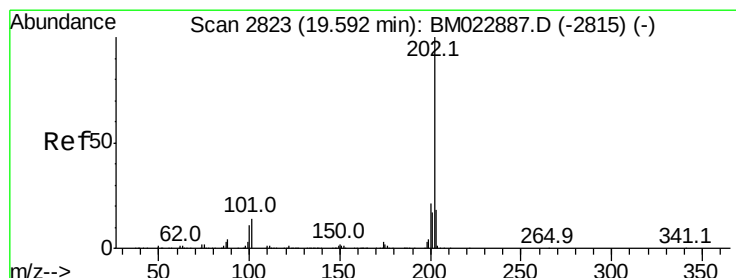
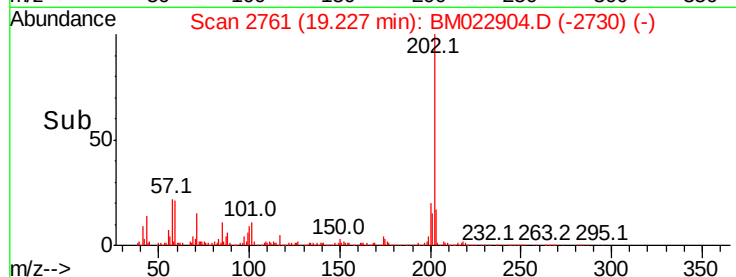
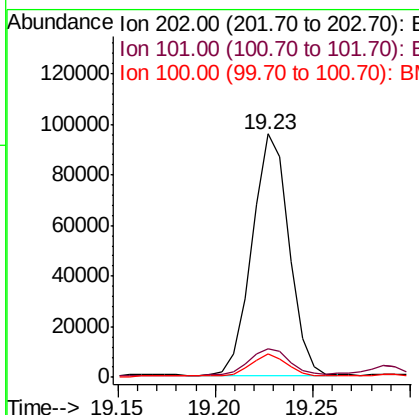
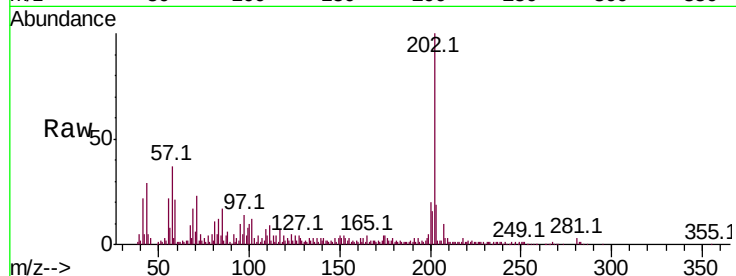




#77
 Fluoranthene
 Concen: 1.697 ng/ul
 RT: 19.23 min Scan# 2761
 Delta R.T. -0.02 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	202	Resp:	124897
Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.6	12.8
100	9.6	6.4	9.6



#80
 Pyrene
 Concen: 1.752 ng/ul
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM022904.D
 Acq: 02 Oct 2019 22:01

Tgt Ion:	202	Resp:	103474
Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	11.0	7.8	11.8

