

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022928.D
 Acq On : 03 Oct 2019 19:49
 Operator : JU
 Sample : K4983-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 01:23:10 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	7.79	152	259277	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1142028	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	716360	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1366863	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	1018526	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1082067	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	32169	5.37	ng/uL	0.00
5) Phenol-d5	6.96	99	121944	5.32	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	258711	20.63	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	322765	17.50	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	223737	11.93	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	193293	21.93	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	213901	22.23	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	392864	20.50	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	421868	18.12	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1306748	23.50	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1437467	22.39	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	56375	5.13	ng/ul	0.00
58) Fluorene-d10	15.42	176	1090709	23.02	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	187759	21.11	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1760523	26.38	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1842497	33.61	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1584692	28.31	ng/ul	-0.03

Target Compounds

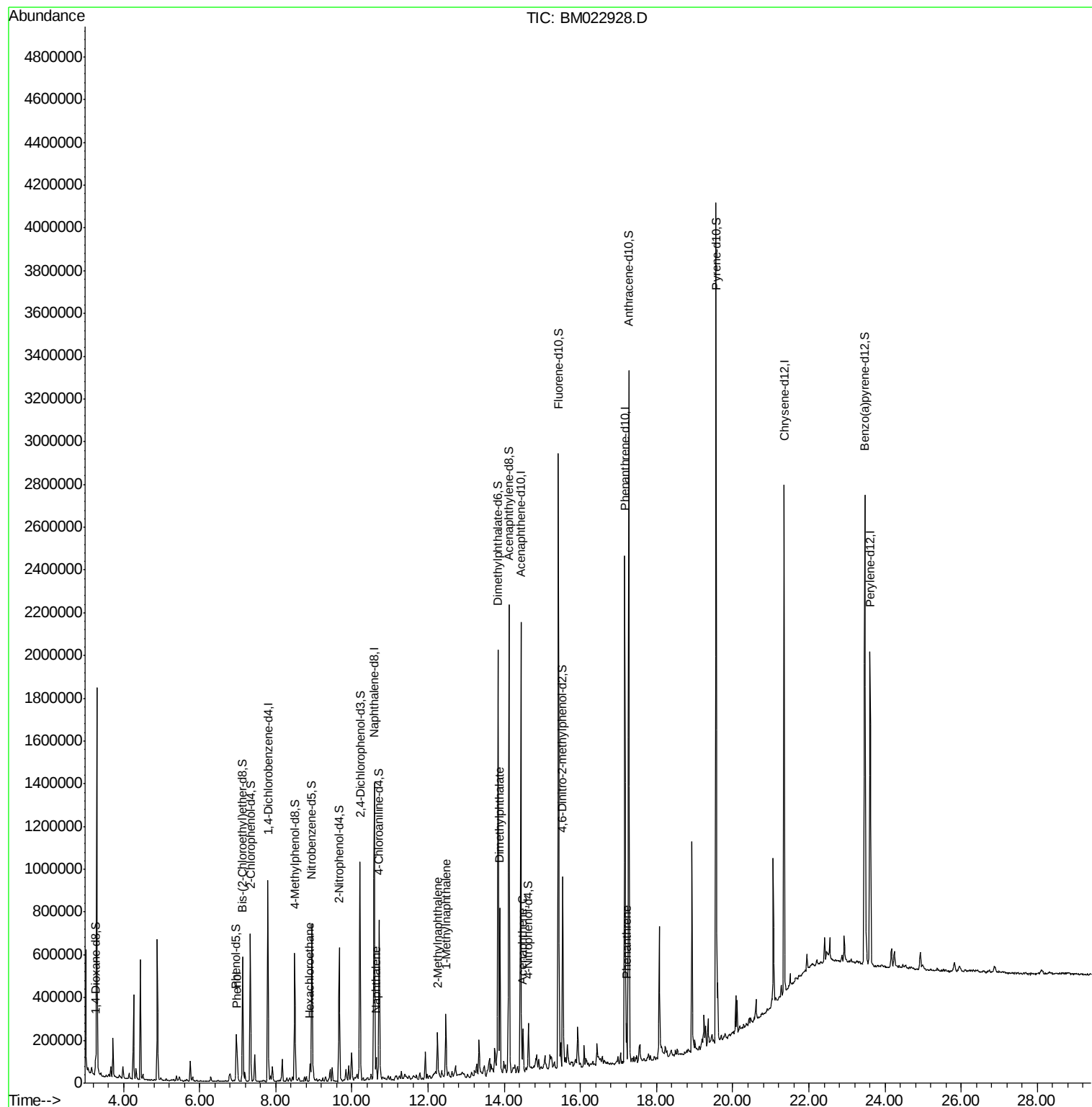
					Ovalue
6) Phenol	6.99	94	66252	2.759 ng/ul	97
17) Hexachloroethane	8.90	117	8572	1.140 ng/ul#	6
28) Naphthalene	10.63	128	67298	1.091 ng/ul	99
34) 2-Methylnaphthalene	12.25	142	103411	2.236 ng/ul	96
35) 1-Methylnaphthalene	12.47	142	129027	2.921 ng/ul	99
45) Dimethylphthalate	13.89	163	491251	8.601 ng/ul	100
50) Acenaphthene	14.49	153	77260	1.600 ng/ul	98
70) Phenanthrene	17.21	178	100306	1.230 ng/ul	98

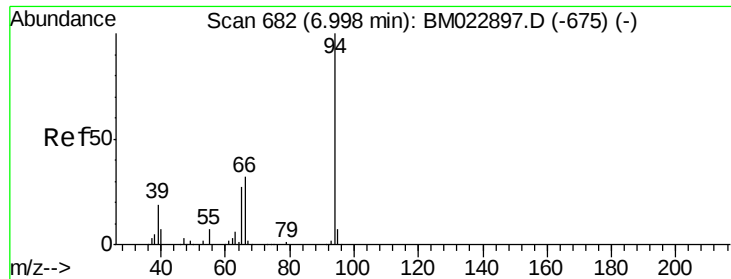
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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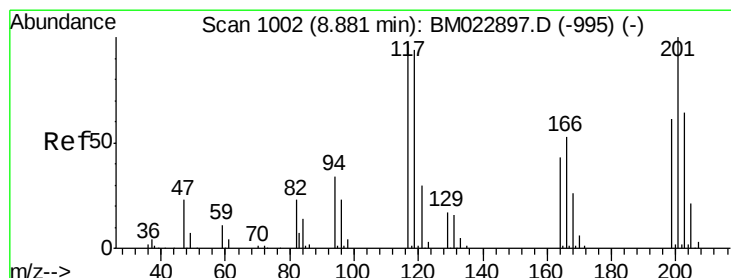
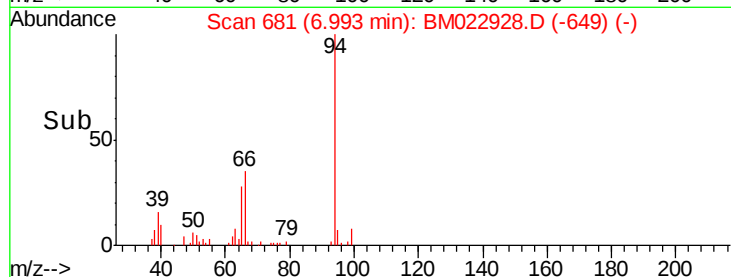
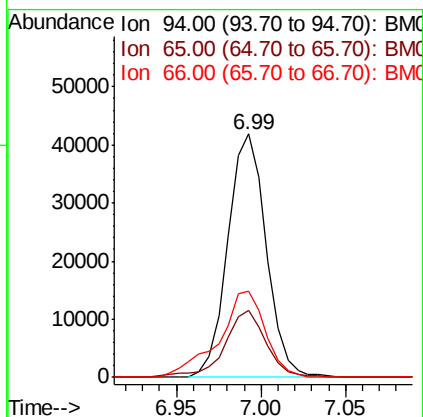
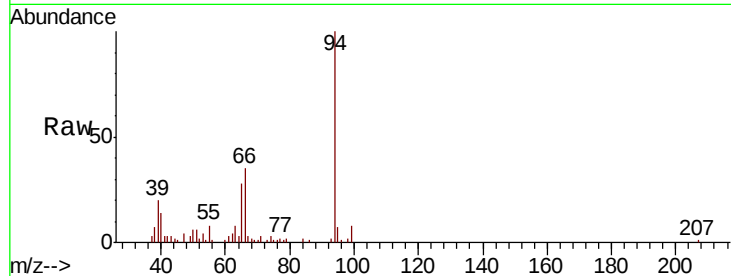
#6

Phenol

Concen: 2.759 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM022928.D
 Acq: 03 Oct 2019 19:49

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 66252
 Ion Ratio Lower Upper
 94 100
 65 27.6 20.9 31.3
 66 35.4 27.2 40.8

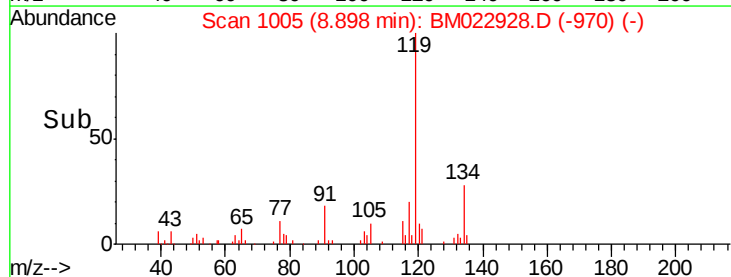
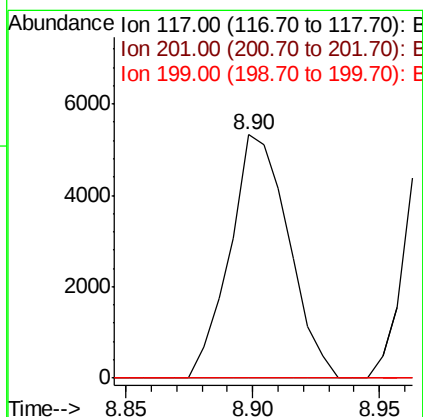
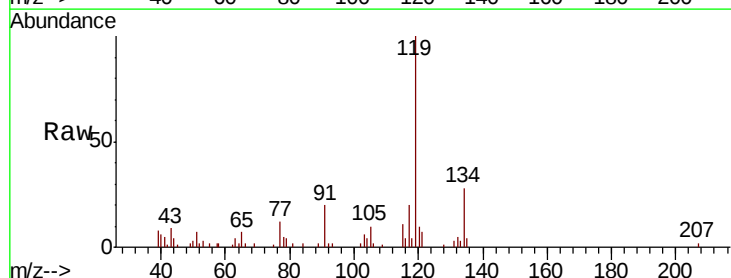


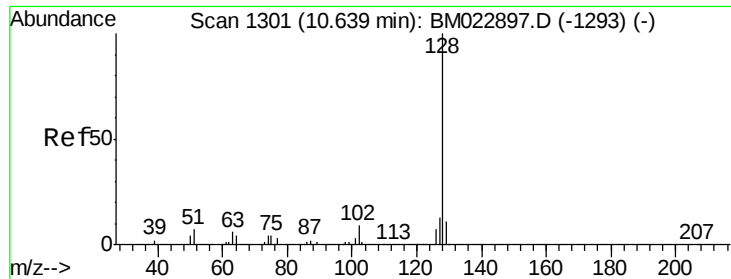
#17

Hexachloroethane

Concen: 1.140 ng/ul
 RT: 8.90 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BM022928.D
 Acq: 03 Oct 2019 19:49

Tgt Ion: 117 Resp: 8572
 Ion Ratio Lower Upper
 117 100
 201 0.0 82.5 123.7#
 199 0.0 51.6 77.4#

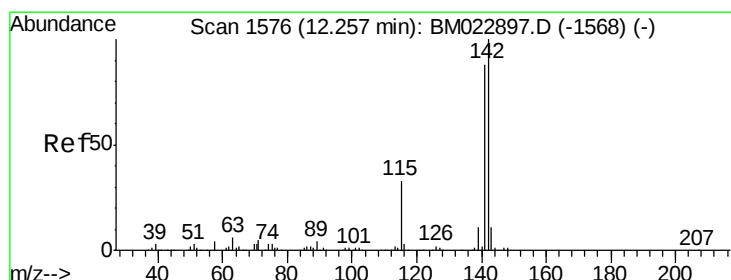
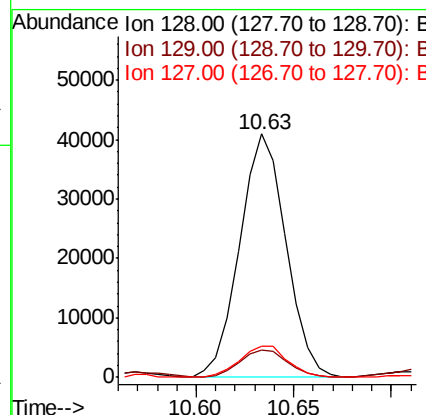
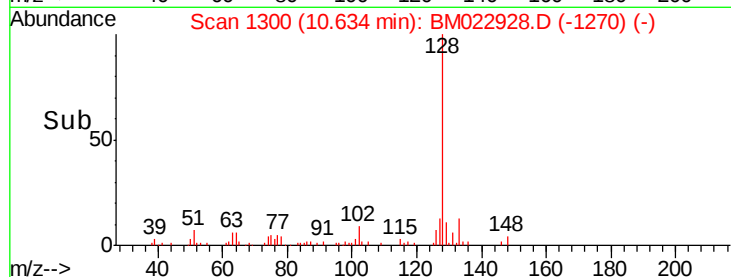
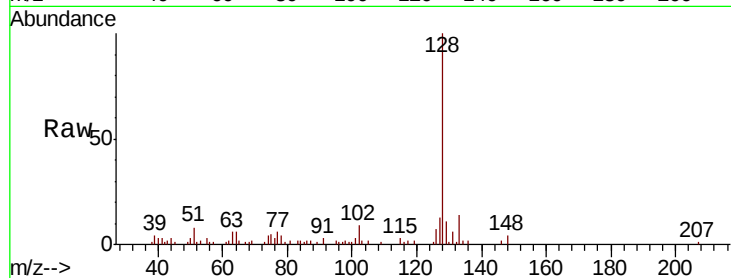




#28
Naphthalene
Concen: 1.091 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

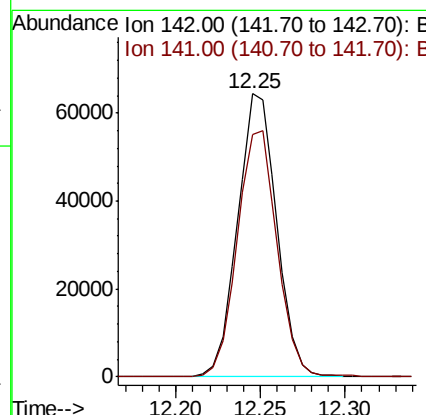
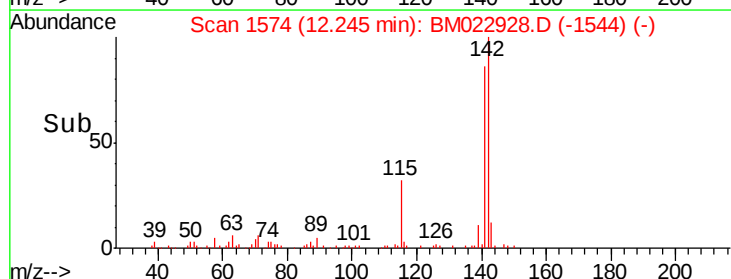
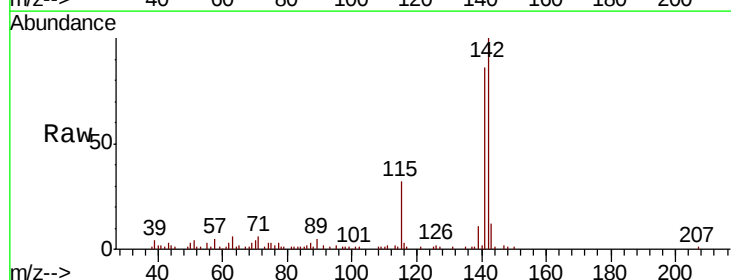
Instrument :
BNA_M
ClientSampleId :

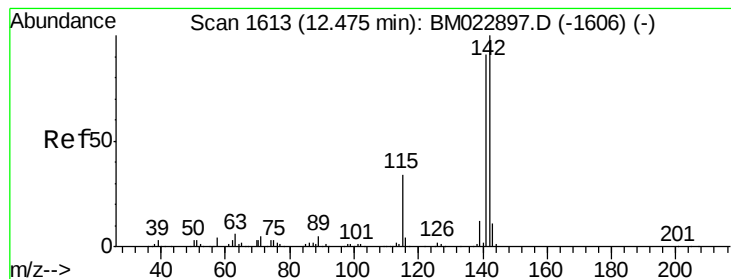
Tot Ion:128 Resp: 67298
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.2 15.4



#34
2-Methylnaphthalene
Concen: 2.236 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM022928.D
Acq: 03 Oct 2019 19:49

Tgt Ion:142 Resp: 103411
Ion Ratio Lower Upper
142 100
141 85.7 71.2 106.8





#35

1-Methylnaphthalene

Concen: 2.921 ng/ul

RT: 12.47 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BM022928.D

Acq: 03 Oct 2019 19:49

Instrument :

BNA_M

ClientSampleId :

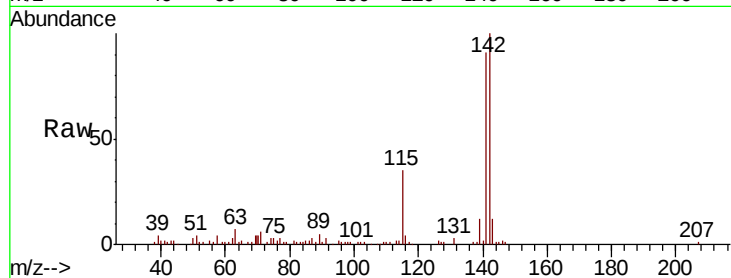
Tot Ion:142 Resp: 129027

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.6

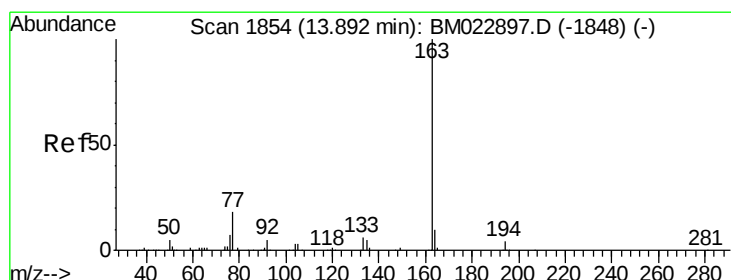
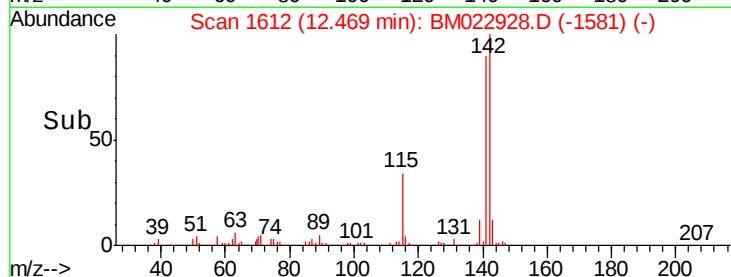
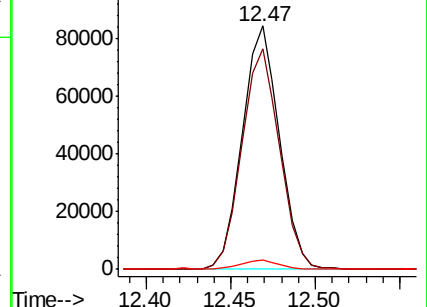
116 3.8 2.9 4.3



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



#45

Dimethylphthalate

Concen: 8.601 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022928.D

Acq: 03 Oct 2019 19:49

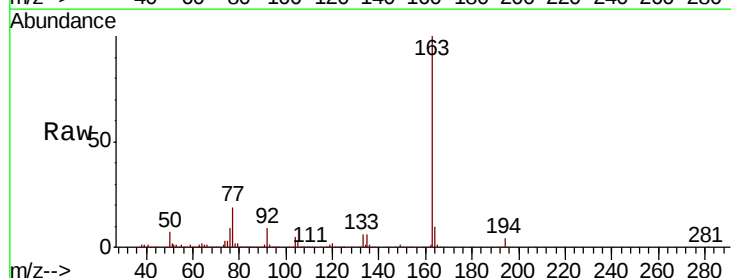
Tgt Ion:163 Resp: 491251

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

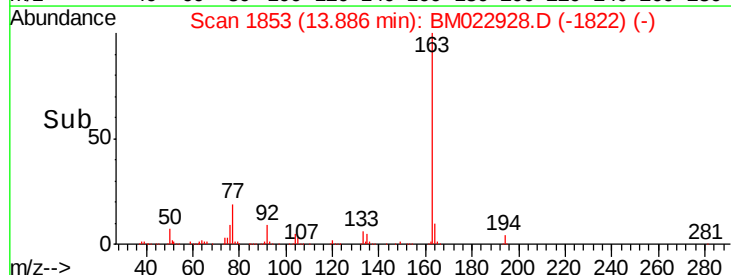
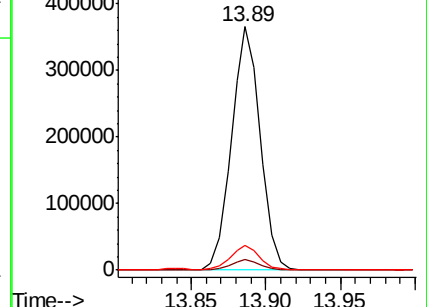
164 10.1 8.1 12.1

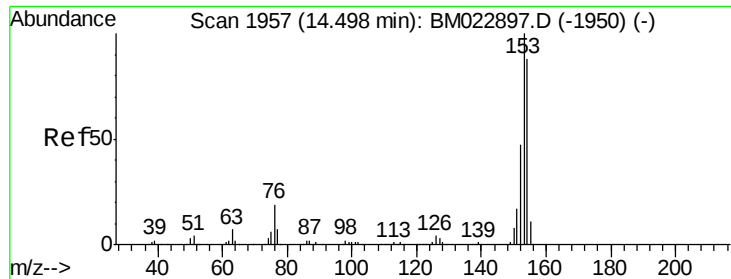


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 1.600 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM022928.D

Acq: 03 Oct 2019 19:49

Instrument :

BNA_M

ClientSampleId :

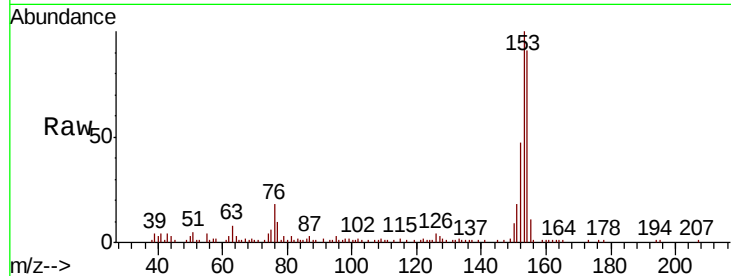
Tot Ion:153 Resp: 77260

Ion Ratio Lower Upper

153 100

152 46.9 38.1 57.1

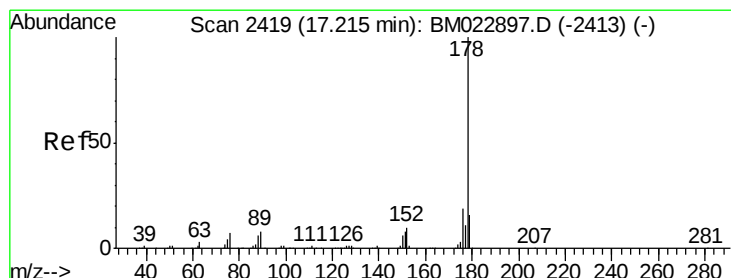
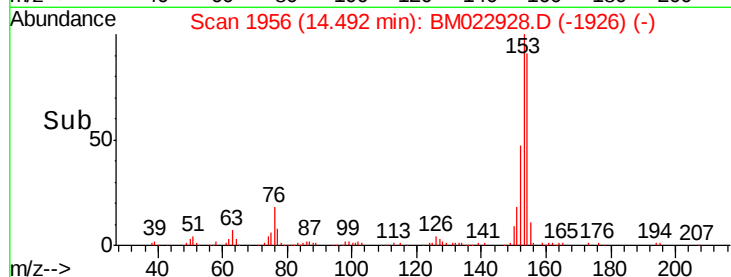
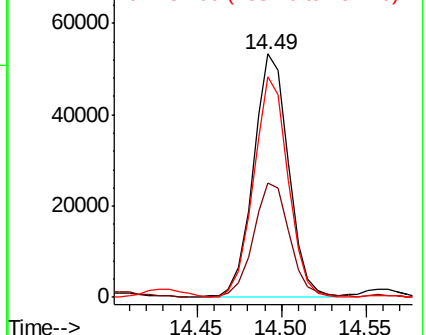
154 90.8 71.1 106.7



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



#70

Phenanthrene

Concen: 1.230 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM022928.D

Acq: 03 Oct 2019 19:49

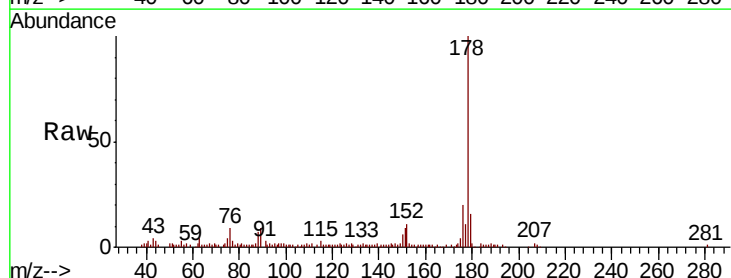
Tgt Ion:178 Resp: 100306

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 19.8 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

