

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026999.D
 Acq On : 04 Aug 2020 11:33
 Operator : JU/CG
 Sample : L3531-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L06DL

Quant Time: Aug 04 13:09:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	96677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	409030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	257350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	534939	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	528710	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	497559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	462	0.22	ng/uL	0.00
5) Phenol-d5	6.84	99	9195	1.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	25273	4.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	24073	3.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	19580	3.00	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	17139	5.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	17122	5.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	34779	4.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	4876	0.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	132783	6.58	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	150206	5.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	4601	1.35	ng/ul	0.00
58) Fluorene-d10	15.29	176	111173	6.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	75583	31.70	ng/ul	0.02
71) Anthracene-d10	17.13	188	175922	6.58	ng/ul	0.00
79) Pyrene-d10	19.43	212	186492	6.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	187485	6.68	ng/ul	0.00

Target Compounds

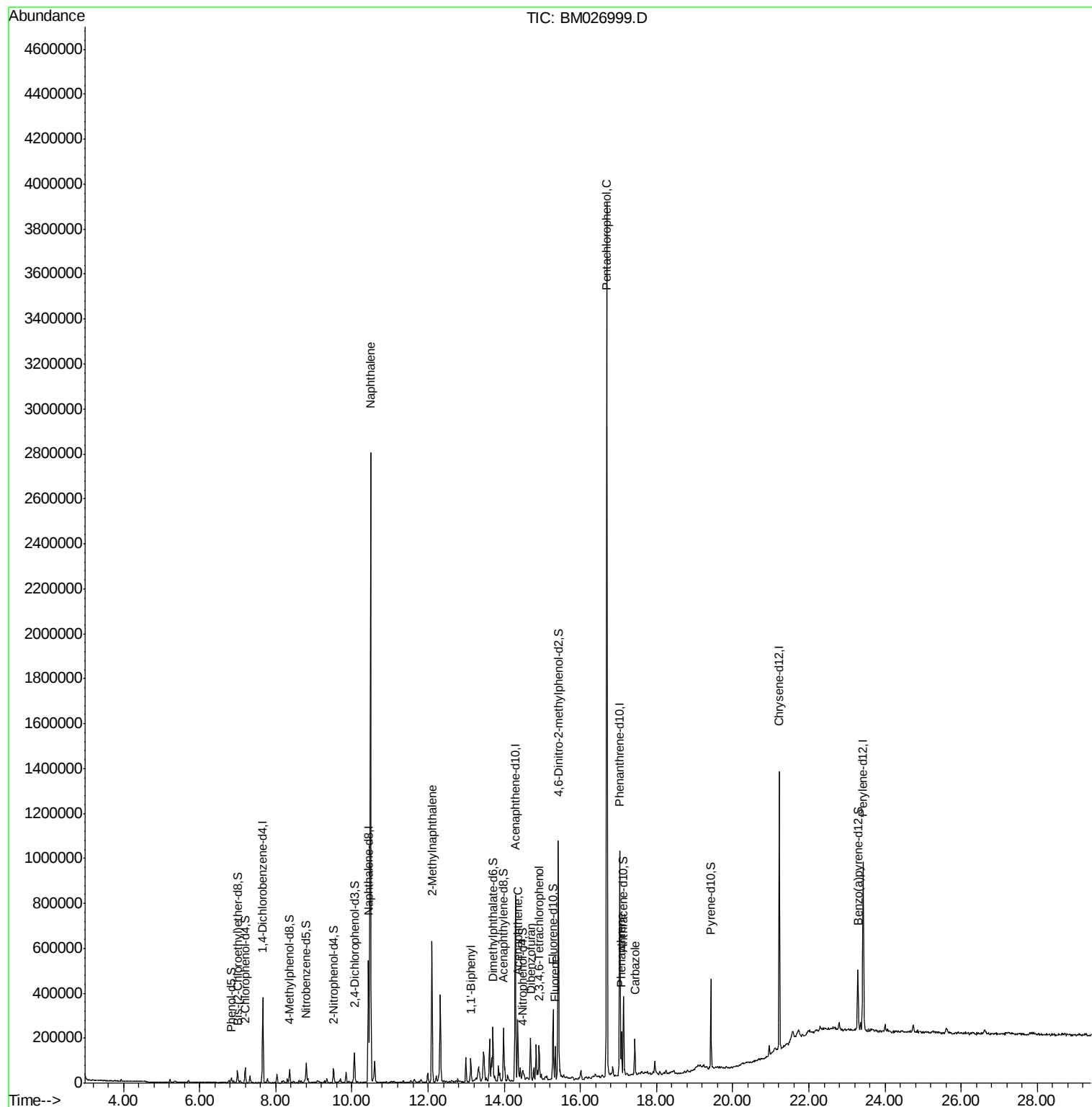
					Ovalue
28) Naphthalene	10.49	128	2088652	91.399	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	266772	16.513	ng/ul 97
41) 1,1'-Biphenyl	13.12	154	45650	2.123	ng/ul 93
50) Acenaphthene	14.35	153	104558	5.817	ng/ul 97
54) Dibenzofuran	14.69	168	85942	3.449	ng/ul 98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	23181	5.486	ng/ul 100
59) Fluorene	15.34	166	57170	2.725	ng/ul 98
69) Pentachlorophenol	16.69	266	578354	163.321	ng/ul 98
70) Phenanthrene	17.07	178	96578	2.974	ng/ul 99
75) Carbazole	17.43	167	93423	3.167	ng/ul 96

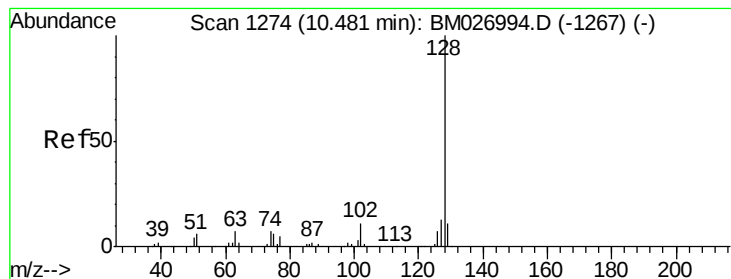
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 91.399 ng/ul

RT: 10.49 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Instrument :

BNA_M

ClientSampleId :

F4L06DL

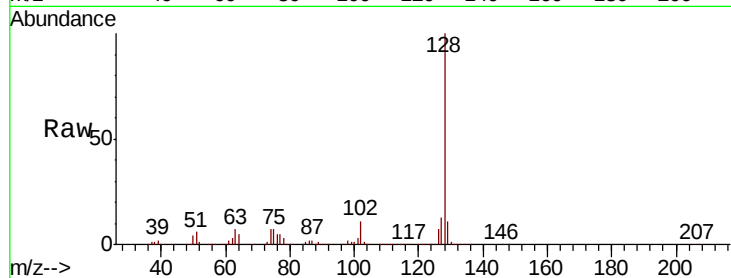
Tot Ion:128 Resp: 2088652

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

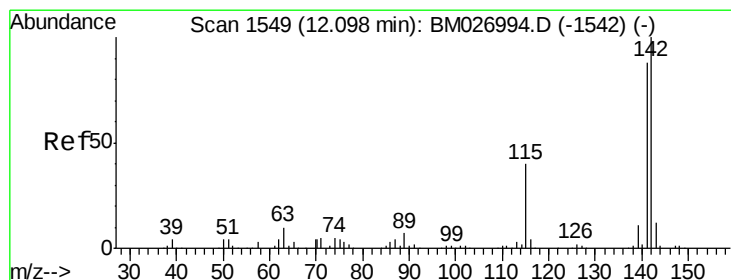
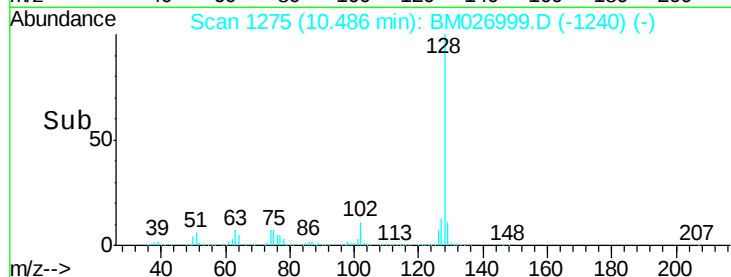
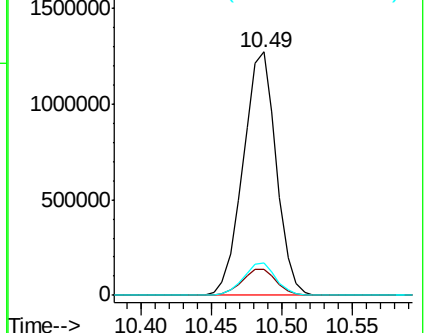
127 13.2 11.0 16.6



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: 16.513 ng/ul

RT: 12.10 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BM026999.D

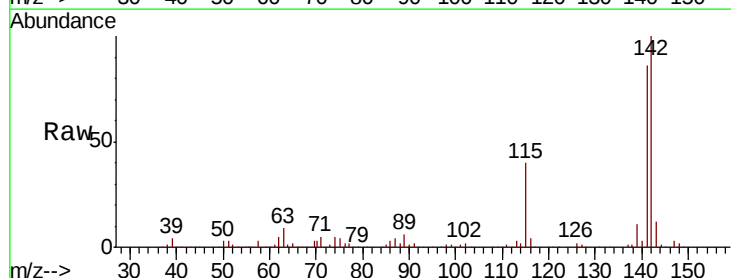
Acq: 04 Aug 2020 11:33

Tgt Ion:142 Resp: 266772

Ion Ratio Lower Upper

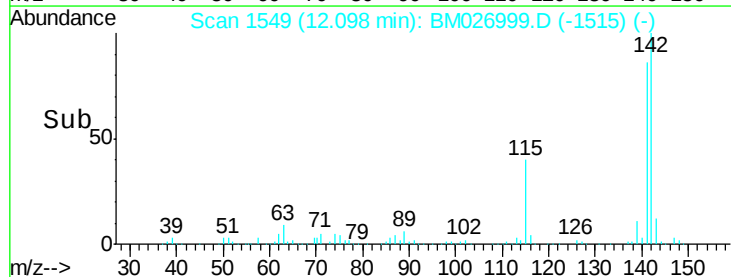
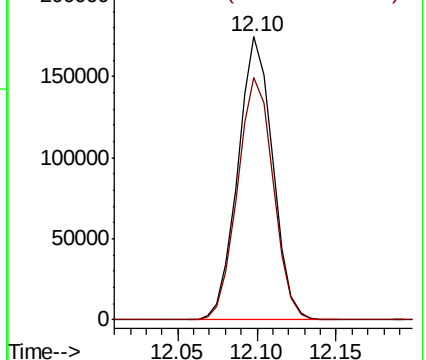
142 100

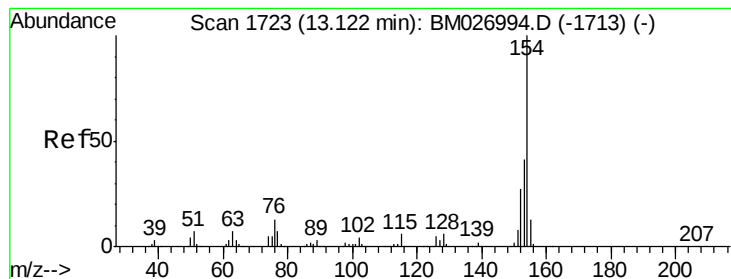
141 85.8 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 2.123 ng/ul

RT: 13.12 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Instrument :

BNA_M

ClientSampleId :

F4L06DL

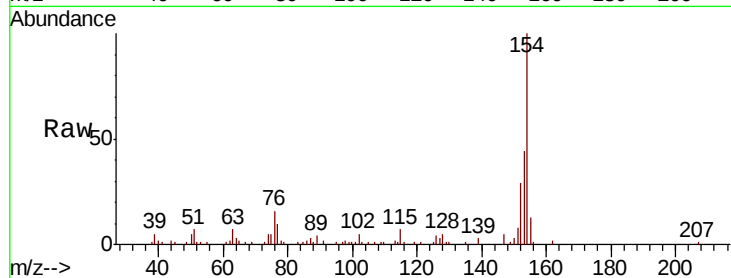
Tot Ion:154 Resp: 45650

Ion Ratio Lower Upper

154 100

153 44.0 31.4 47.2

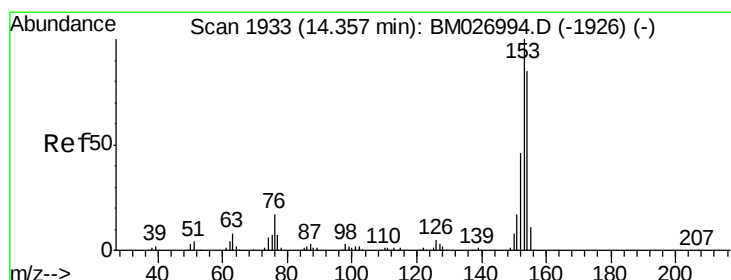
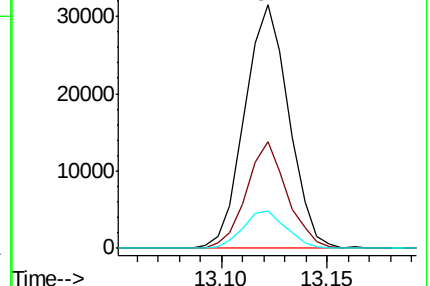
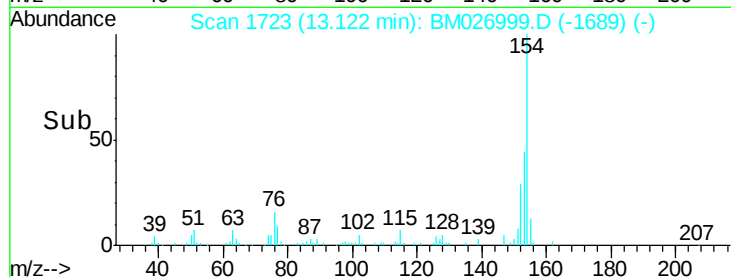
76 15.5 10.8 16.2



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



#50

Acenaphthene

Concen: 5.817 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

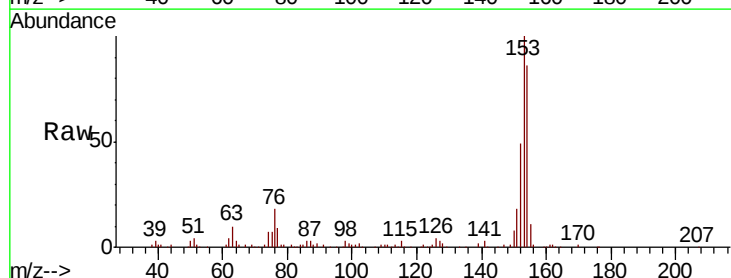
Tgt Ion:153 Resp: 104558

Ion Ratio Lower Upper

153 100

152 49.2 37.8 56.6

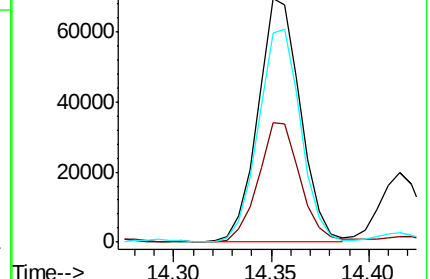
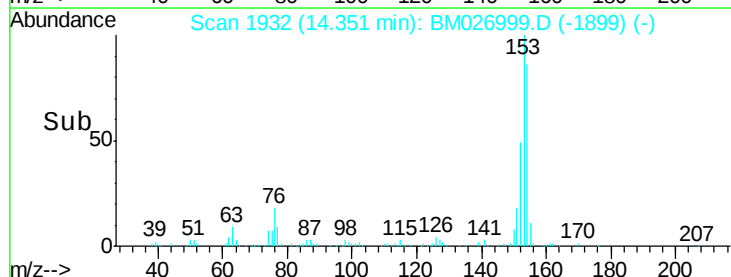
154 85.9 70.5 105.7

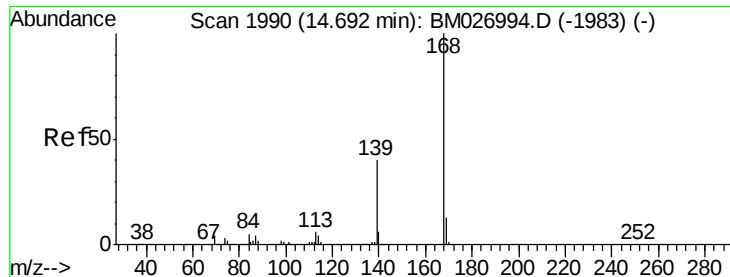


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.449 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Instrument :

BNA_M

ClientSampleId :

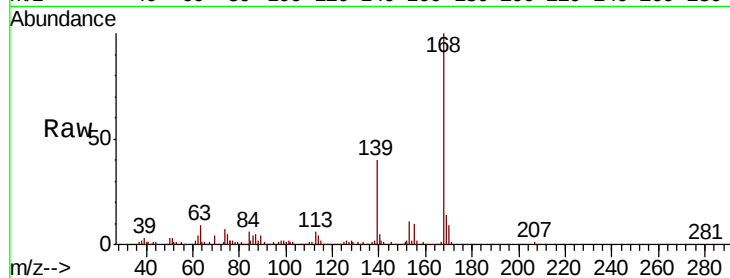
F4L06DL

Tot Ion:168 Resp: 85942

Ion Ratio Lower Upper

168 100

139 39.9 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

60000

40000

20000

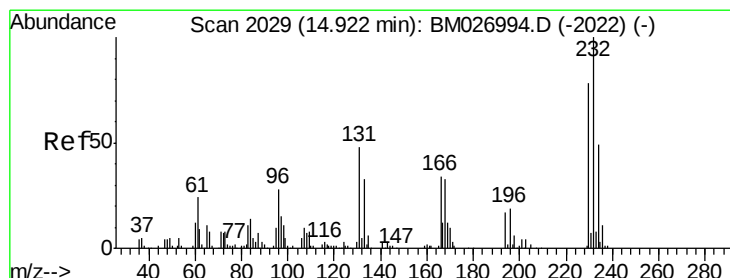
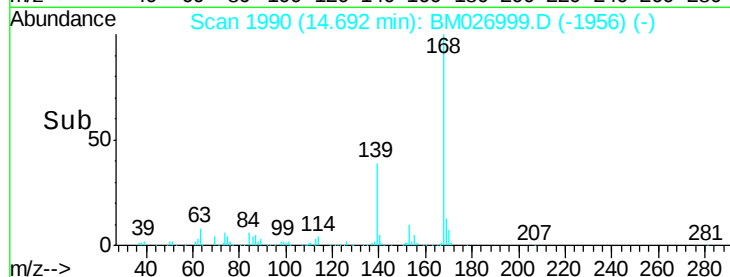
0

14.65

14.69

14.75

Time-->



#56

2,3,4,6-Tetrachlorophenol

Concen: 5.486 ng/ul

RT: 14.92 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Tgt Ion:232 Resp: 23181

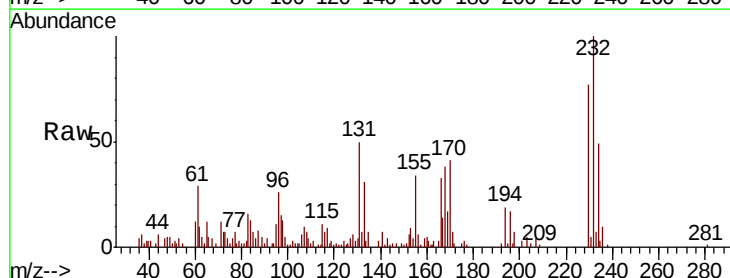
Ion Ratio Lower Upper

232 100

131 49.6 39.4 59.2

130 3.7 2.6 4.0

166 33.2 26.7 40.1



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

20000

15000

10000

5000

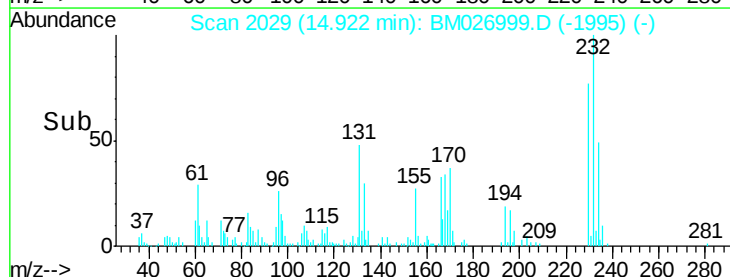
0

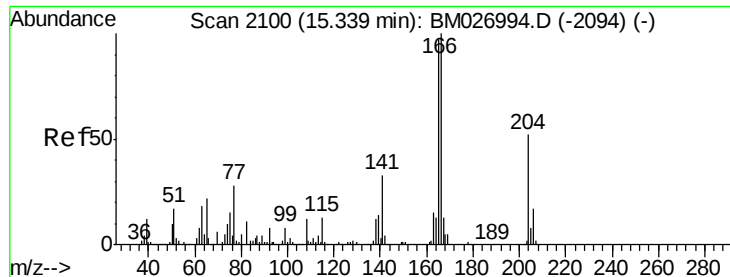
14.90

14.92

14.95

Time-->





#59

Fluorene

Concen: 2.725 ng/ul

RT: 15.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Instrument :

BNA_M

ClientSampled :

F4L06DL

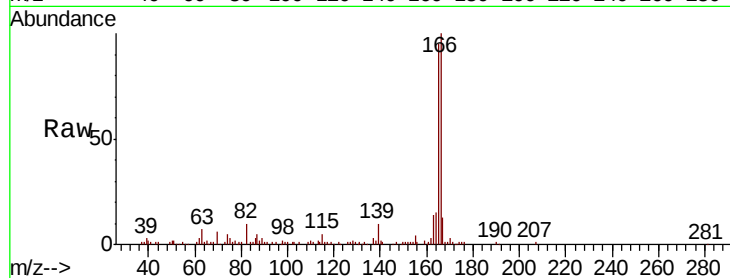
Tot Ion:166 Resp: 57170

Ion Ratio Lower Upper

166 100

165 95.0 78.2 117.2

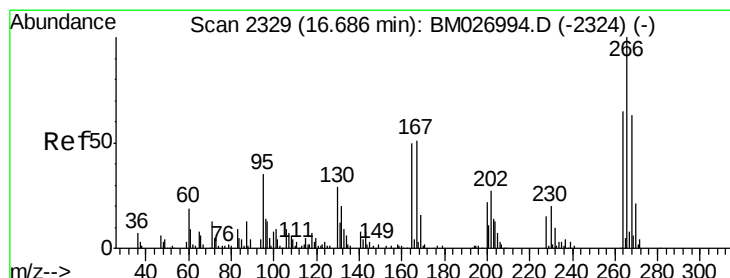
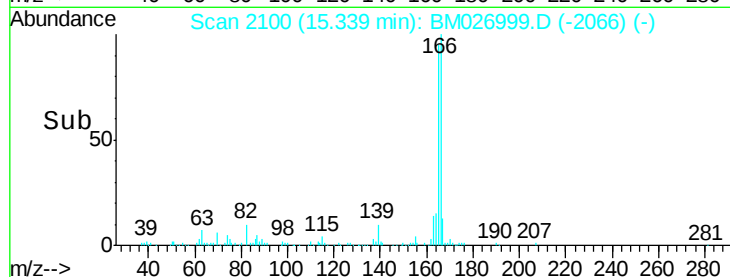
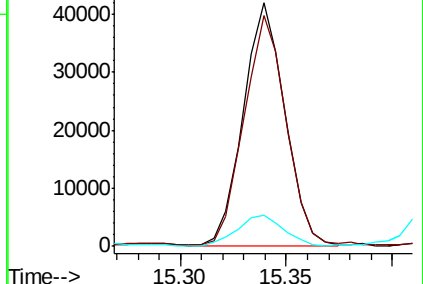
167 13.0 10.3 15.5



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



#69

Pentachlorophenol

Concen: 163.321 ng/ul

RT: 16.69 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

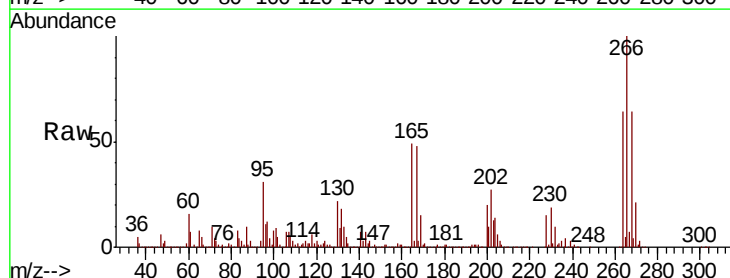
Tgt Ion:266 Resp: 578354

Ion Ratio Lower Upper

266 100

264 63.5 49.3 73.9

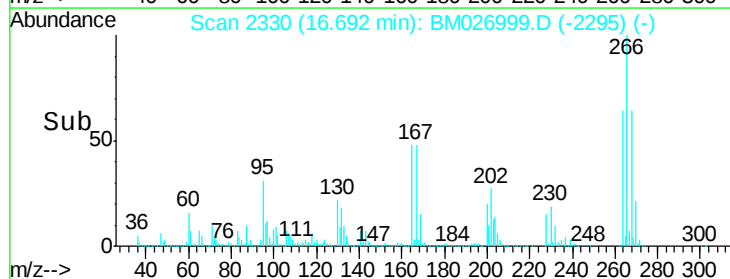
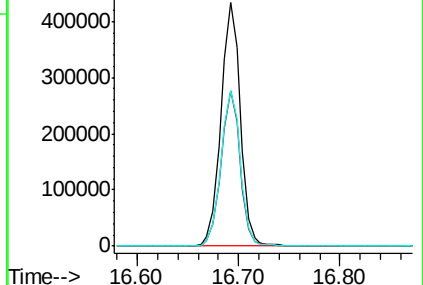
268 64.0 50.5 75.7

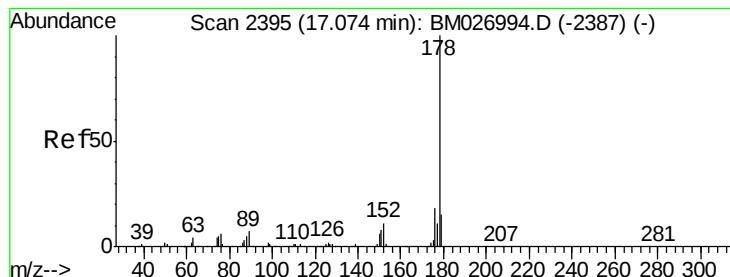


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 2.974 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Instrument :

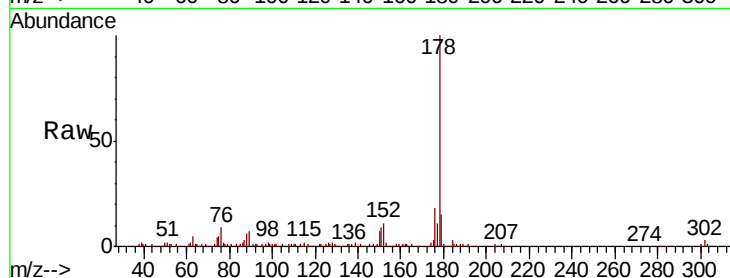
BNA_M

ClientSampleId :

F4L06DL

Tot Ion:178 Resp: 96578

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.0	18.0
176	18.0	14.7	22.1

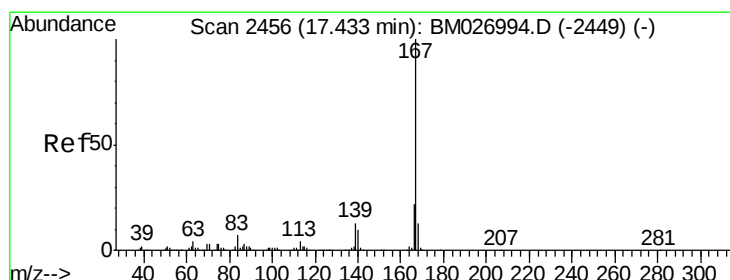
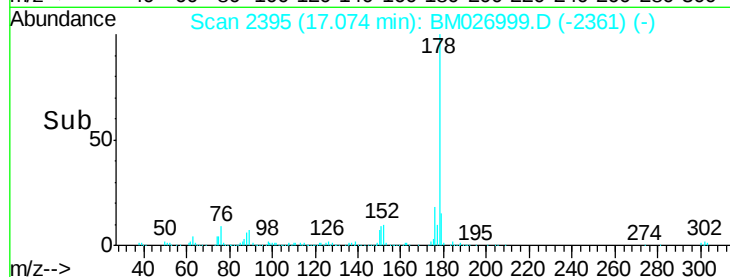
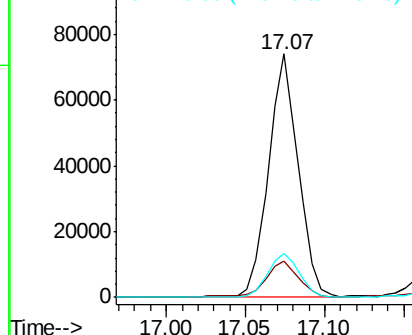


Abundance

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: 3.167 ng/ul

RT: 17.43 min Scan# 2456

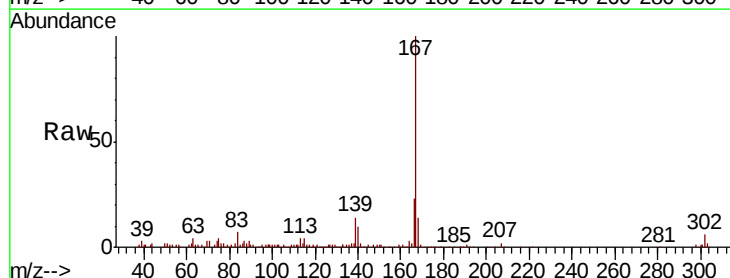
Delta R.T. -0.00 min

Lab File: BM026999.D

Acq: 04 Aug 2020 11:33

Tgt Ion:167 Resp: 93423

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.1	25.7
139	13.7	10.1	15.1



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

