

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
 Data File : BM026947.D
 Acq On : 30 Jul 2020 19:50
 Operator : JU/CG
 Sample : L3487-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L02

Quant Time: Jul 31 01:17:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:15:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	70050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	256913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	168403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	392426	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	443959	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	452309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8983	5.85	ng/uL	0.00
5) Phenol-d5	6.84	99	33472	5.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	96553	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	90407	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	60084	12.72	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	52178	26.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	50556	27.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	107277	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	14871	2.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	396519	30.03	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	472690	28.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	14442	6.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	356830	31.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	75338	43.07	ng/ul	0.00
71) Anthracene-d10	17.14	188	626438	31.94	ng/ul	0.00
79) Pyrene-d10	19.43	212	746269	31.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	850420	33.32	ng/ul	0.00

Target Compounds

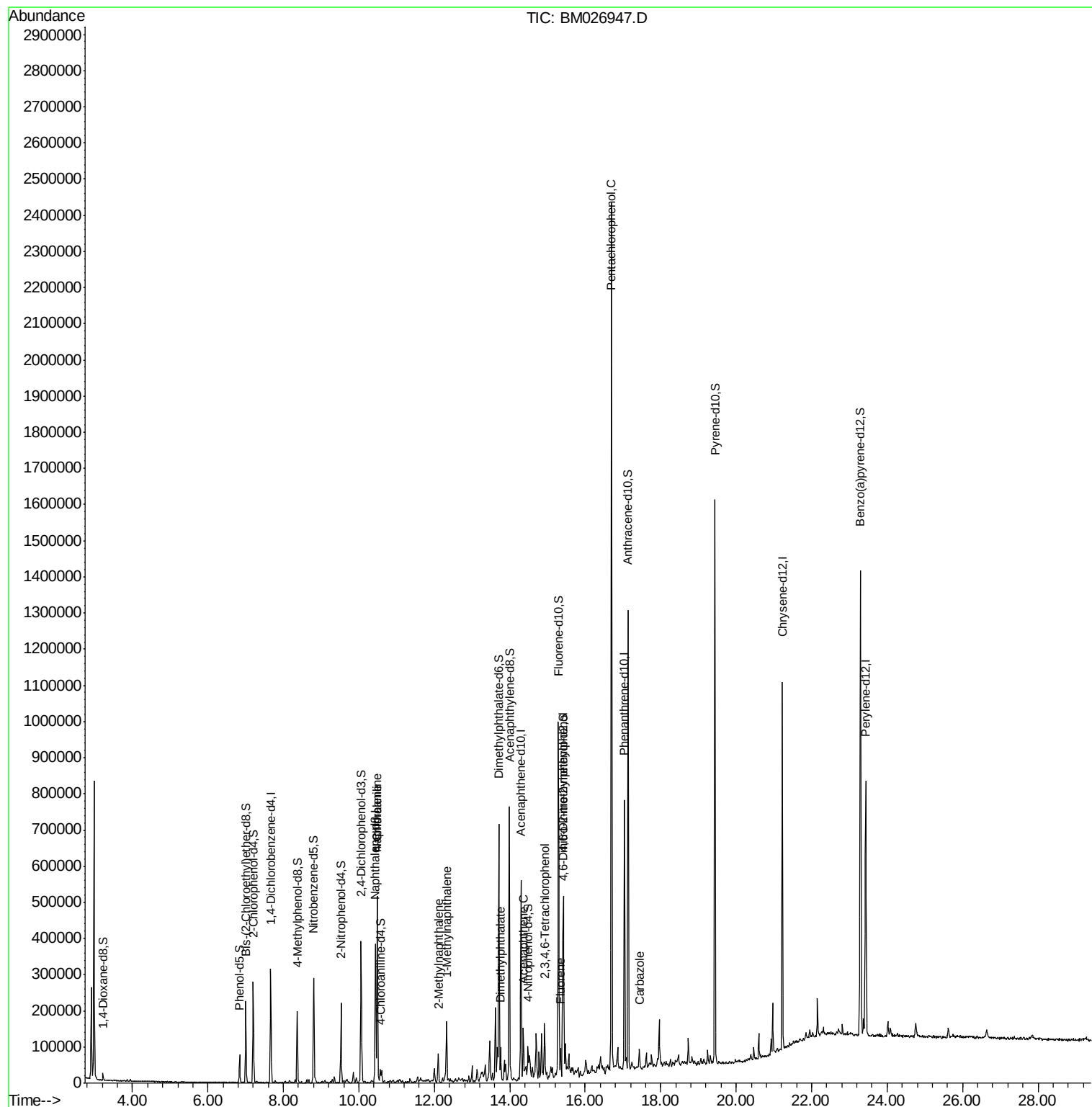
					Ovalue
28) Naphthalene	10.49	128	351427	24.484	ng/ul 98
30) 4-Chloroaniline	10.49	127	47220	8.978	ng/ul# 3
34) 2-Methylnaphthalene	12.11	142	30410	2.997	ng/ul 97
35) 1-Methylnaphthalene	12.32	142	62090	6.262	ng/ul# 99
45) Dimethylphthalate	13.75	163	46450	3.352	ng/ul# 97
50) Acenaphthene	14.36	153	46736	3.973	ng/ul 92
56) 2,3,4,6-Tetrachlorophenol	14.92	232	10027	3.626	ng/ul# 95
59) Fluorene	15.35	166	24023	1.750	ng/ul 98
64) 4,6-Dinitro-2-methylphenol	15.42	198	83084	41.796	ng/ul# 47
69) Pentachlorophenol	16.70	266	342040	131.665	ng/ul 99
75) Carbazole	17.44	167	29442	1.360	ng/ul# 96

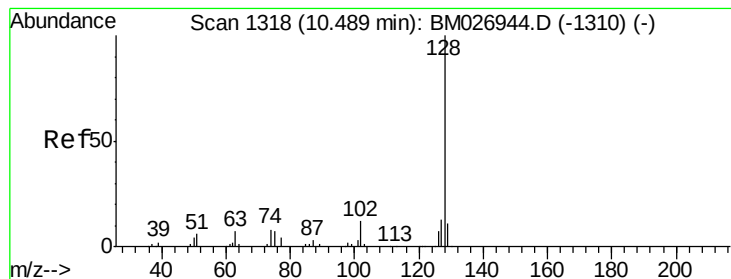
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 24.484 ng/ul

RT: 10.49 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Instrument :

BNA_M

ClientSampleId :

F4L02

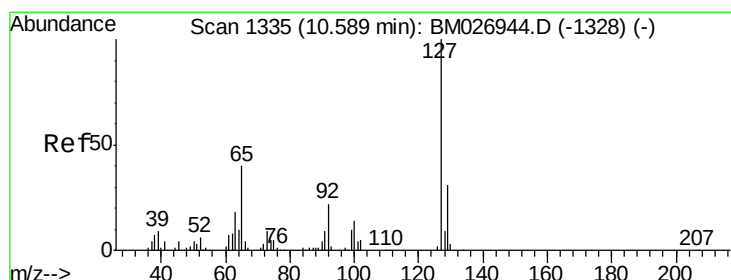
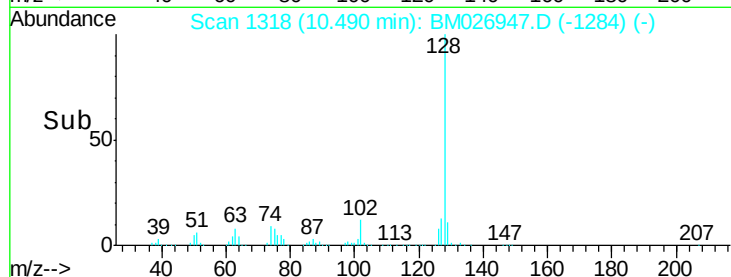
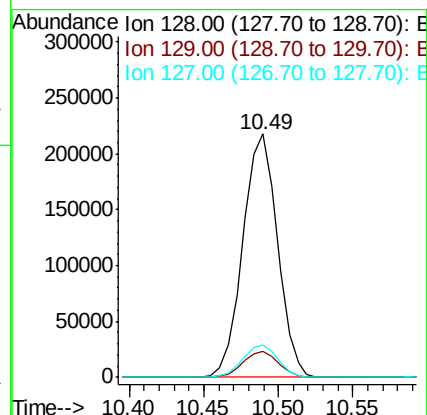
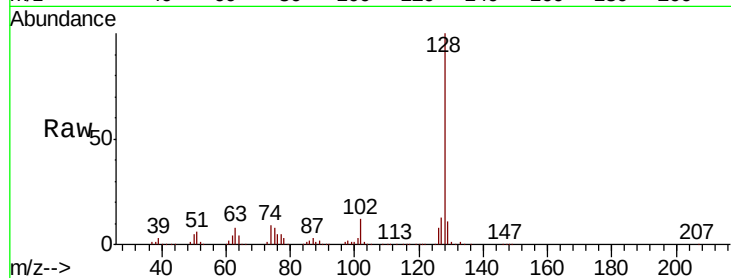
Tot Ion:128 Resp: 351427

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

127 13.2 11.0 16.6



#30

4-Chloroaniline

Concen: 8.978 ng/ul

RT: 10.49 min Scan# 1318

Delta R.T. -0.10 min

Lab File: BM026947.D

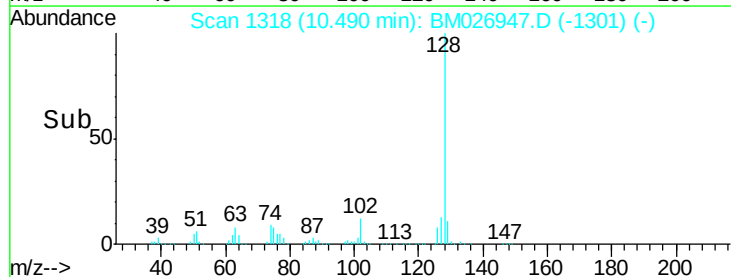
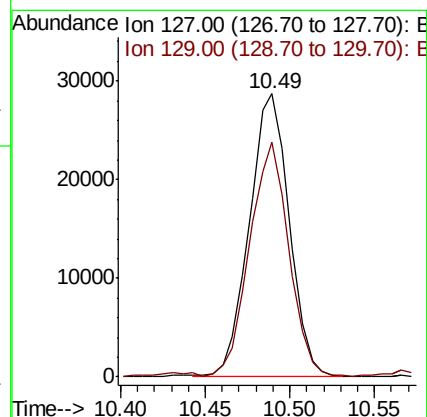
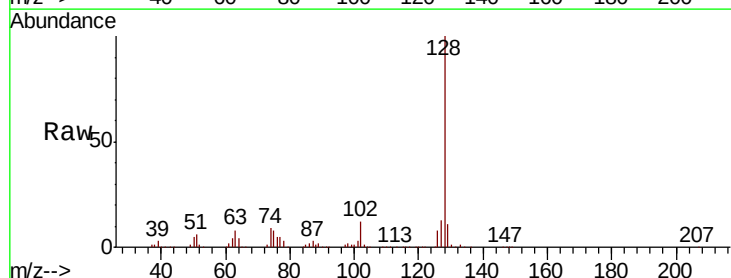
Acq: 30 Jul 2020 19:50

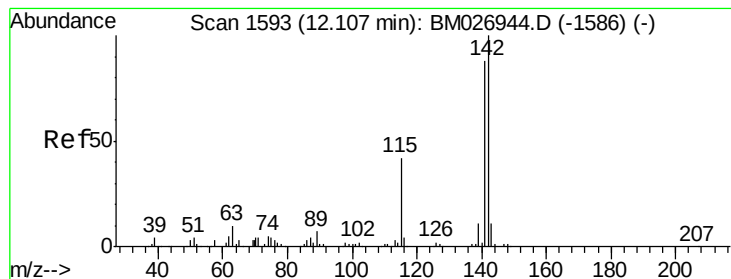
Tgt Ion:127 Resp: 47220

Ion Ratio Lower Upper

127 100

129 83.1 24.3 36.5#





#34

2-Methylnaphthalene

Concen: 2.997 ng/ul

RT: 12.11 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Instrument :

BNA_M

ClientSampleId :

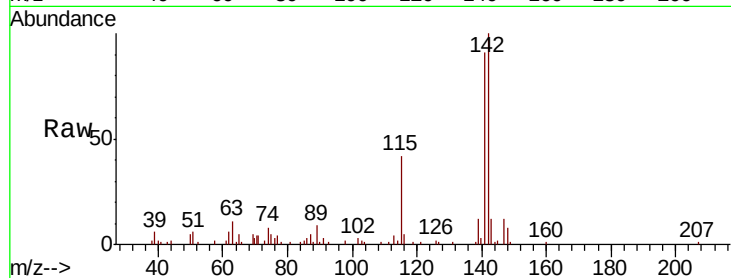
F4L02

Tot Ion:142 Resp: 30410

Ion Ratio Lower Upper

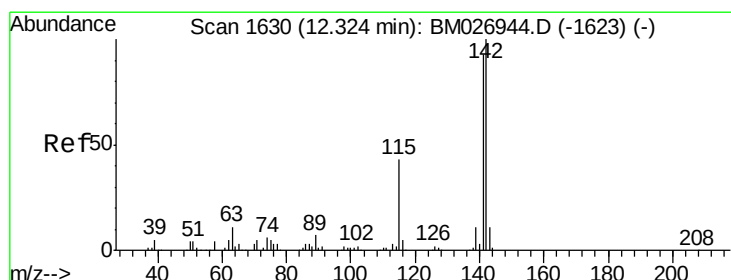
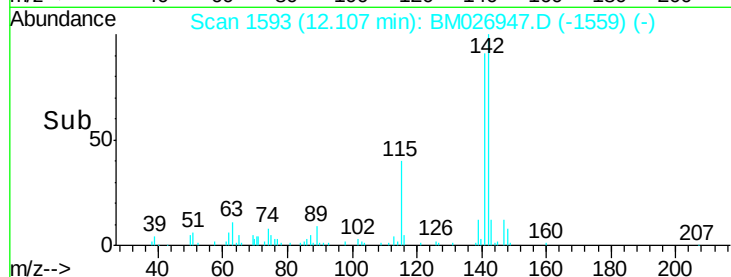
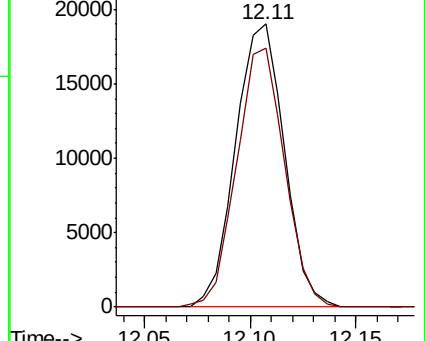
142 100

141 91.3 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 6.262 ng/ul

RT: 12.32 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

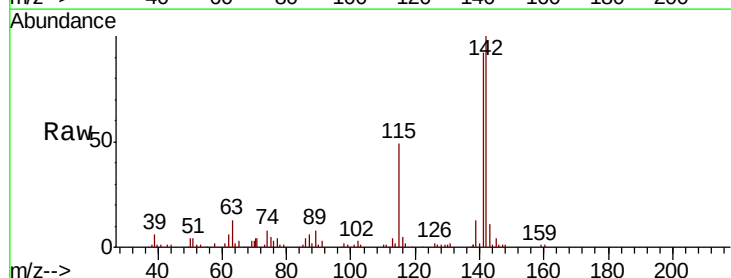
Tgt Ion:142 Resp: 62090

Ion Ratio Lower Upper

142 100

141 92.5 73.3 109.9

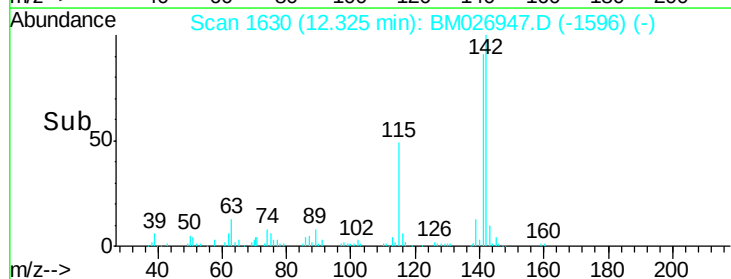
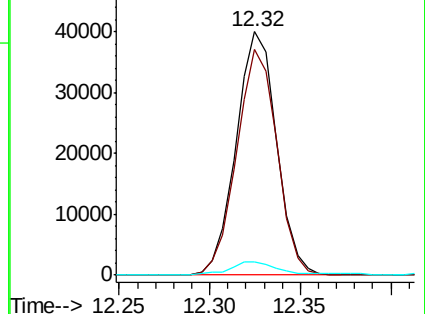
116 5.3 3.4 5.0#

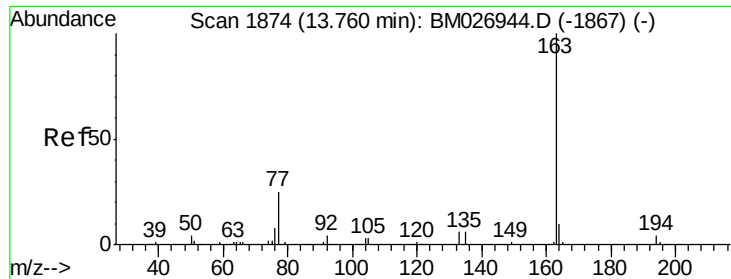


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 3.352 ng/ul

RT: 13.75 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Instrument :

BNA_M

ClientSampleId :

F4L02

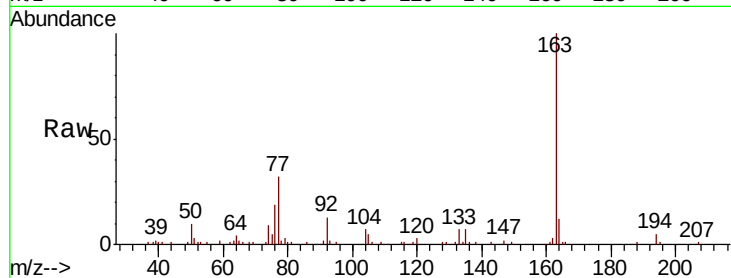
Tot Ion:163 Resp: 46450

Ion Ratio Lower Upper

163 100

194 5.2 3.0 4.6#

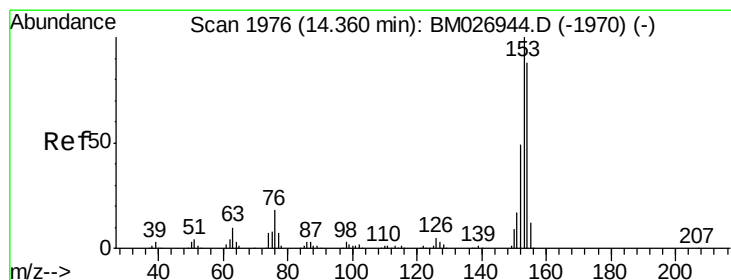
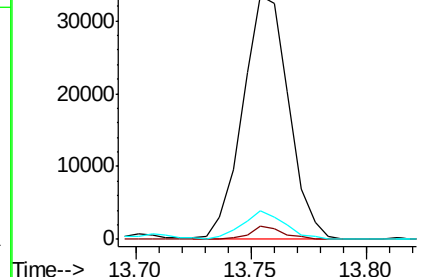
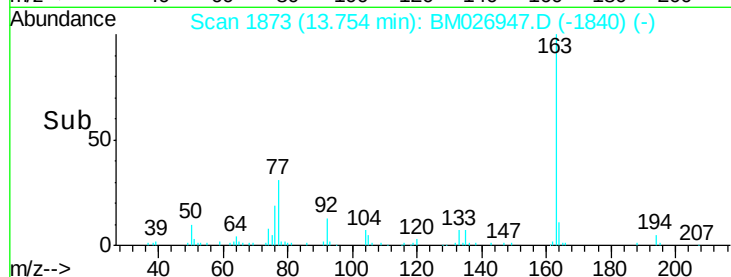
164 11.7 8.6 12.8



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: 3.973 ng/ul

RT: 14.36 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

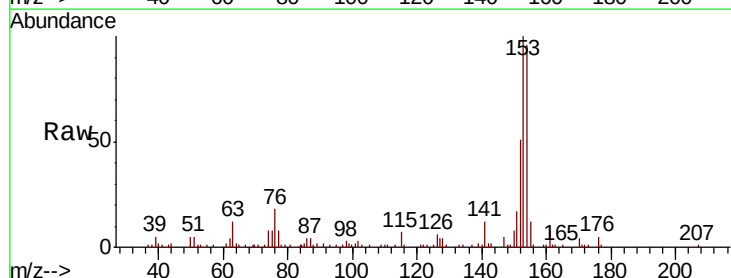
Tgt Ion:153 Resp: 46736

Ion Ratio Lower Upper

153 100

152 50.8 37.8 56.6

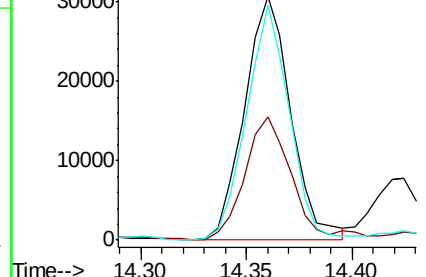
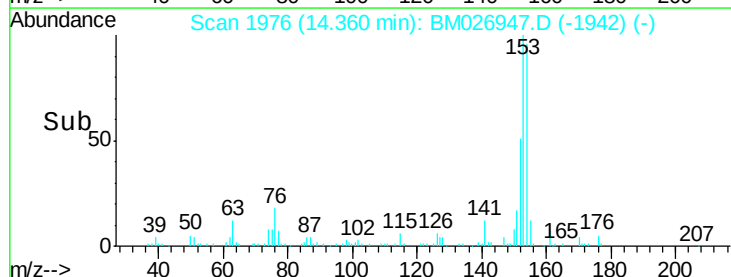
154 96.3 70.5 105.7

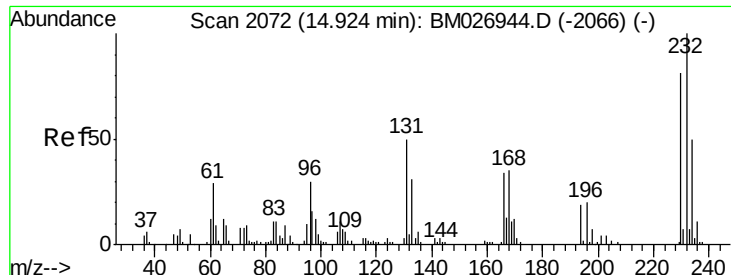


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

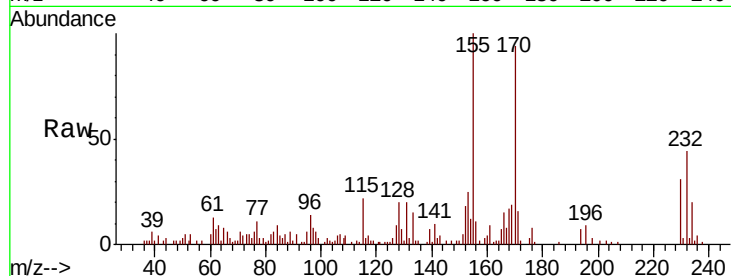




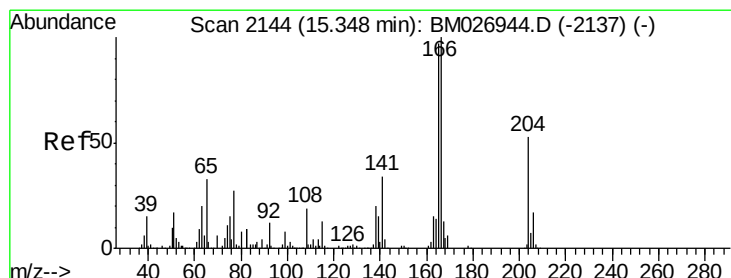
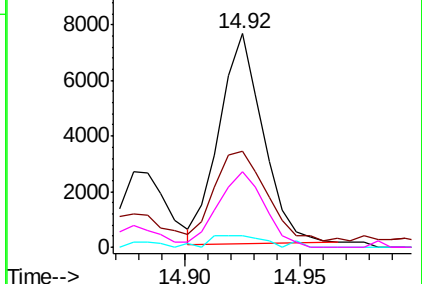
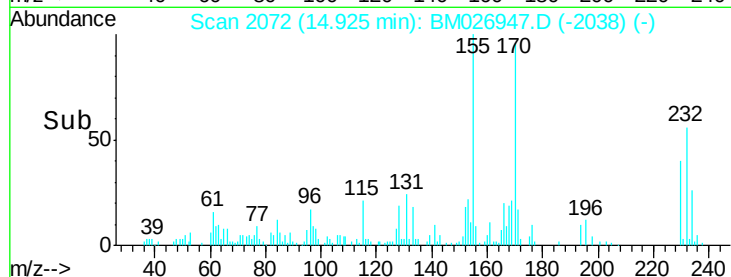
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.626 ng/ul
 RT: 14.92 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BM026947.D
 Acq: 30 Jul 2020 19:50

Instrument :
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Tot Ion:232	Resp:	10027
Ion Ratio	Lower	Upper
232	100	
131	45.1	39.4 59.2
130	5.3	2.6 4.0#
166	35.3	26.7 40.1

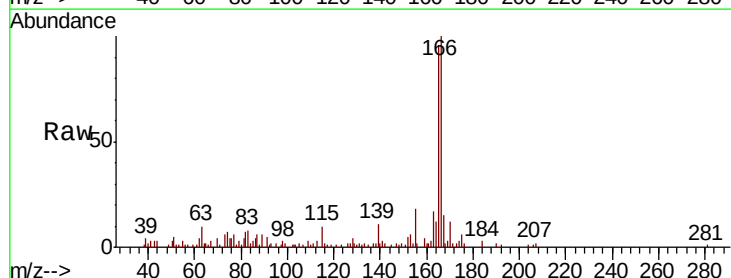


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

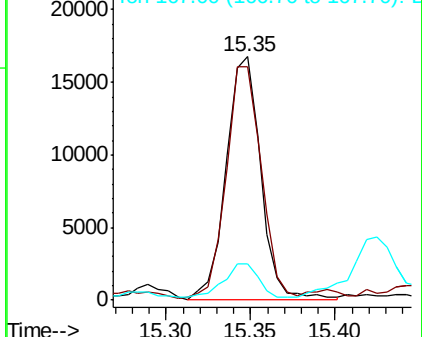
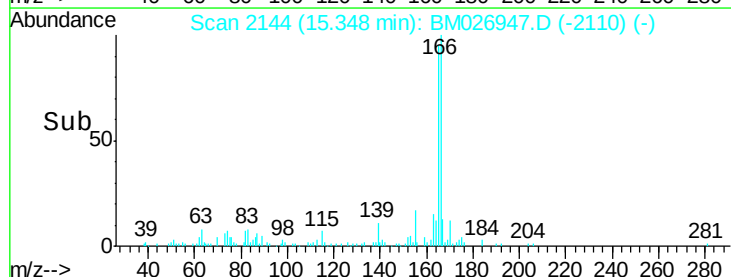


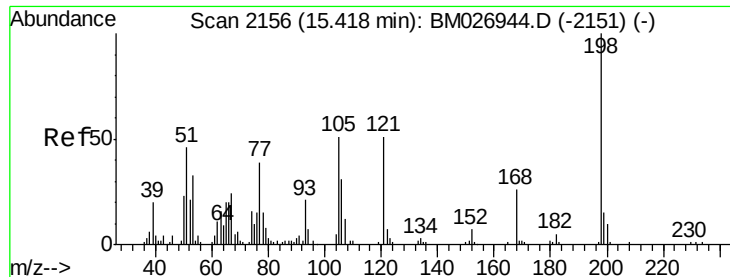
#59
 Fluorene
 Concen: 1.750 ng/ul
 RT: 15.35 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BM026947.D
 Acq: 30 Jul 2020 19:50

Tgt Ion:166	Resp:	24023
Ion Ratio	Lower	Upper
166	100	
165	95.9	78.2 117.2
167	14.7	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





#64

4,6-Dinitro-2-methylphenol

Concen: 41.796 ng/ul

RT: 15.42 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BM026947.D

Acq: 30 Jul 2020 19:50

Instrument :

BNA_M

ClientSampleId :

F4L02

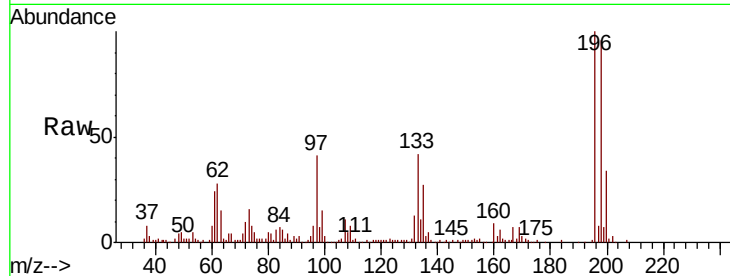
Tot Ion:198 Resp: 83084

Ion Ratio Lower Upper

198 100

182 0.0 4.2 6.4#

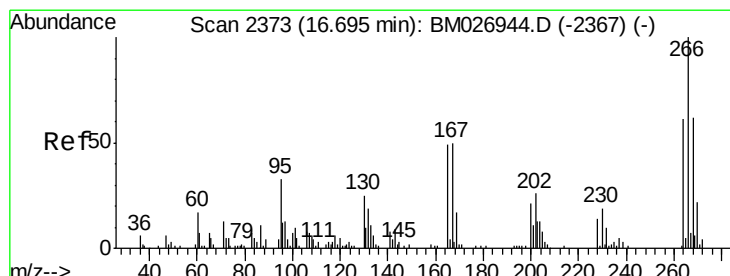
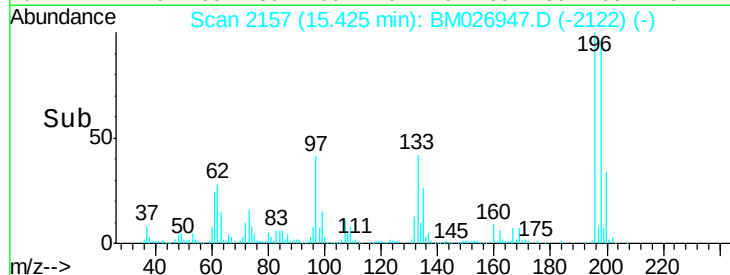
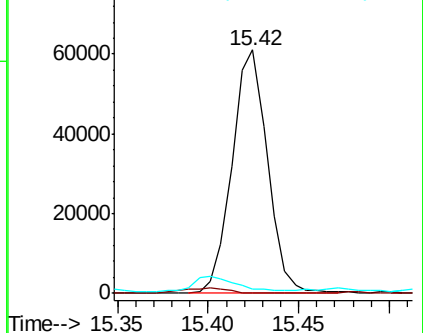
77 1.9 29.3 43.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#69

Pentachlorophenol

Concen: 131.665 ng/ul

RT: 16.70 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM026947.D

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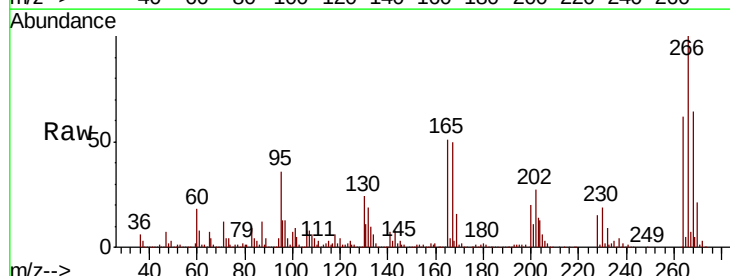
Tgt Ion:266 Resp: 342040

Ion Ratio Lower Upper

266 100

264 61.8 49.3 73.9

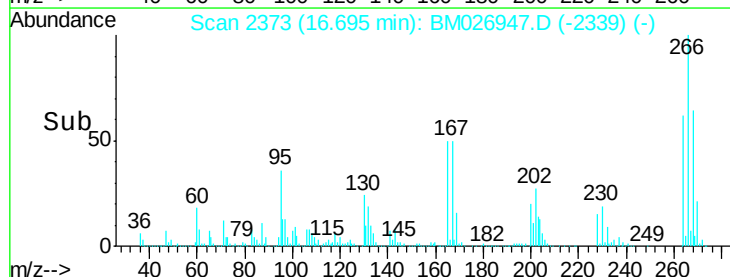
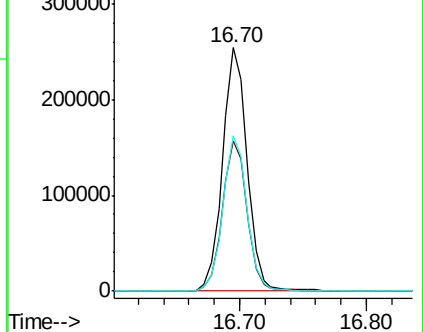
268 63.8 50.5 75.7

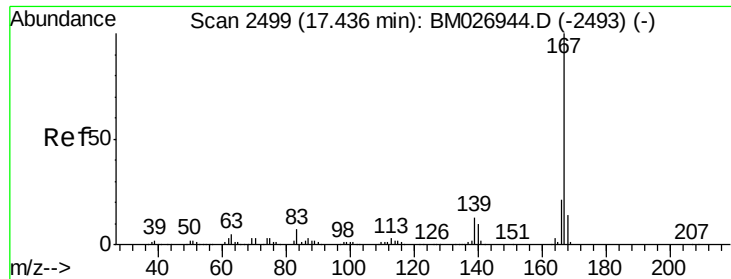


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#75

Carbazole

Concen: 1.360 ng/ul

RT: 17.44 min Scan# 2499

Delta R.T. 0.00 min

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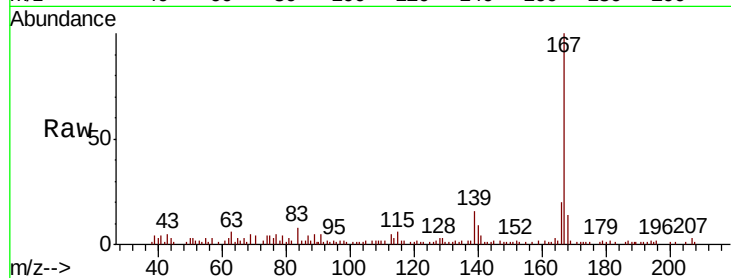
Tot Ion:167 Resp: 29442

Ion Ratio Lower Upper

167 100

166 20.4 17.1 25.7

139 15.8 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

