

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
 Data File : BM026071.D
 Acq On : 21 May 2020 23:45
 Operator : MA/SJ
 Sample : L2735-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CB9

Quant Time: May 22 01:55:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	138489	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	576526	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	341825	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	727082	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	768771	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	797954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	22690	4.94	ng/uL	0.00
5) Phenol-d5	6.69	99	109290	8.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	314442	36.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	288036	29.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	200073	21.13	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	175807	37.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	183553	39.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	312814	33.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	55059	5.82	ng/ul	-0.01
44) Dimethylphthalate-d6	13.56	166	1052332	38.39	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1228426	37.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	40563	8.36	ng/ul	0.00
58) Fluorene-d10	15.14	176	903517	37.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	173081	40.83	ng/ul	0.00
71) Anthracene-d10	16.99	188	1385870	38.68	ng/ul	0.00
79) Pyrene-d10	19.29	212	1574176	39.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1606556	37.83	ng/ul	0.00

Target Compounds

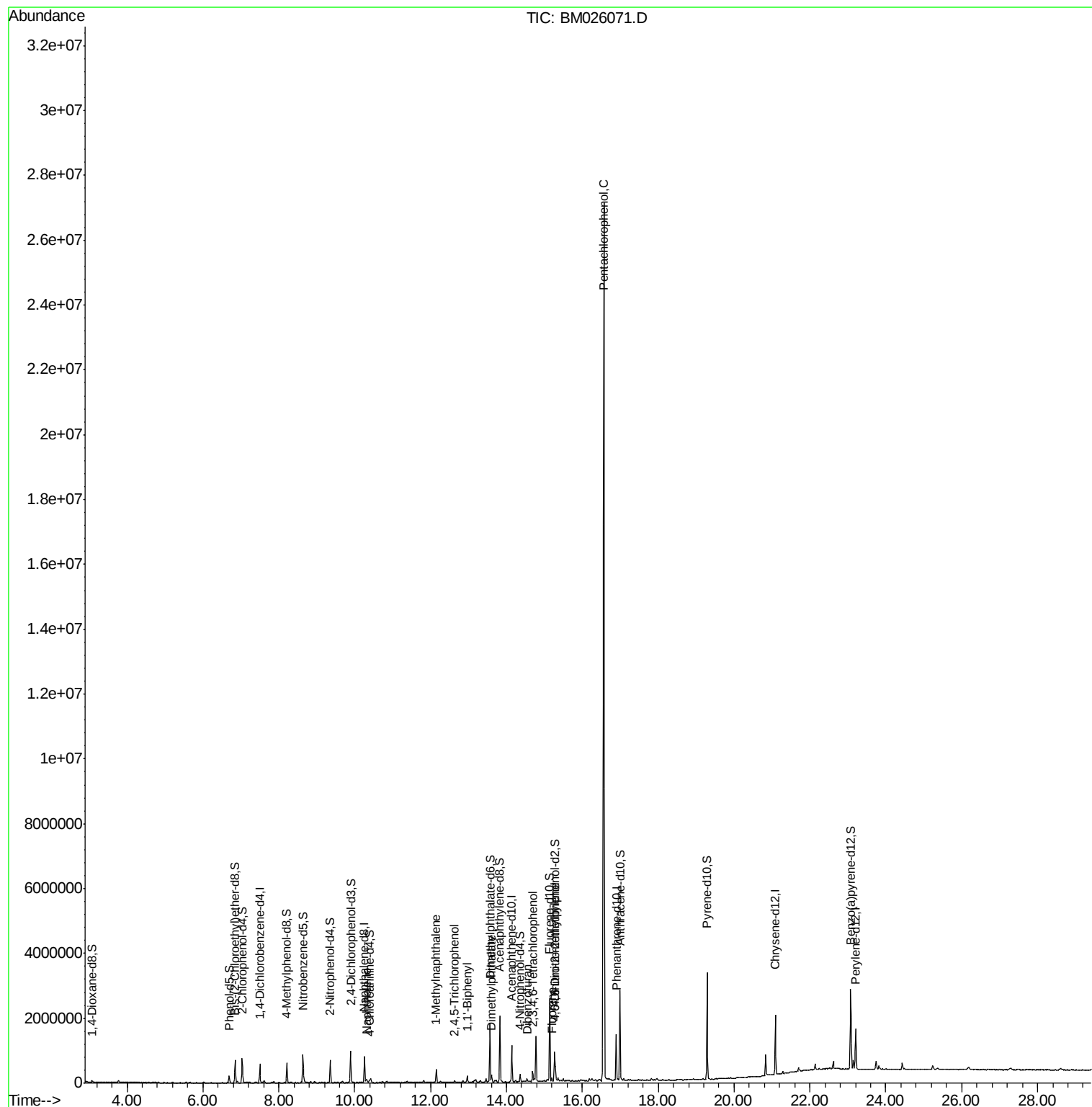
					Ovalue
28) Naphthalene	10.31	128	68981	1.957 ng/ul	98
35) 1-Methylnaphthalene	12.15	142	169636	7.712 ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	10403	1.323 ng/ul	88
41) 1,1'-Biphenyl	12.97	154	93159	3.071 ng/ul	98
45) Dimethylphthalate	13.61	163	119791	4.162 ng/ul	98
54) Dibenzofuran	14.55	168	45132	1.277 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.70	232	57831	8.743 ng/ul	93
59) Fluorene	15.20	166	44234	1.547 ng/ul#	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	74761	16.750 ng/ul#	53
69) Pentachlorophenol	16.57	266	5339533	1018.384 ng/ul	98

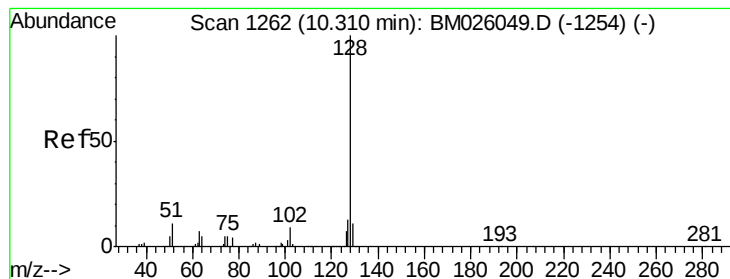
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.957 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM026071.D

Acq: 21 May 2020 23:45

Instrument :

BNA_M

ClientSampled :

C5CB9

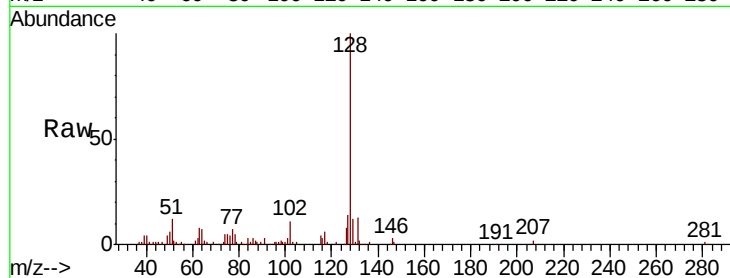
Tot Ion:128 Resp: 68981

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.4

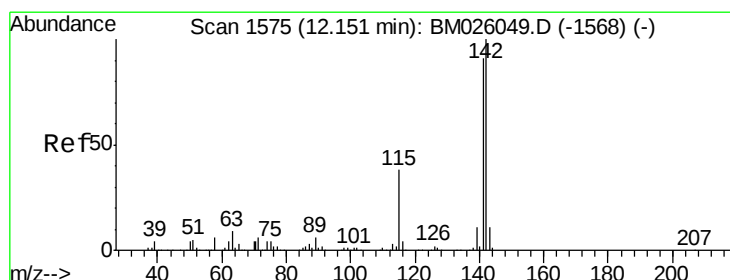
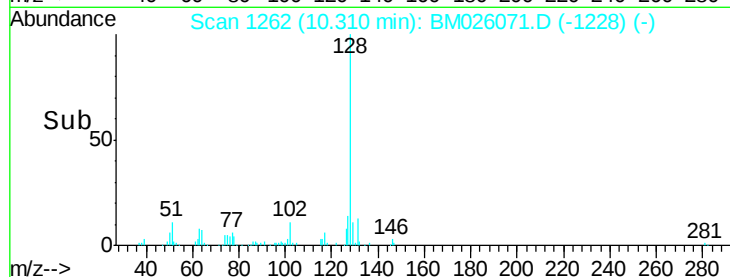
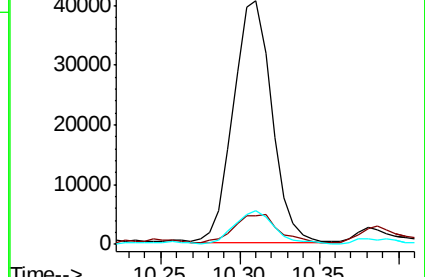
127 14.0 10.6 15.8



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



#35

1-Methylnaphthalene

Concen: 7.712 ng/ul

RT: 12.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BM026071.D

Acq: 21 May 2020 23:45

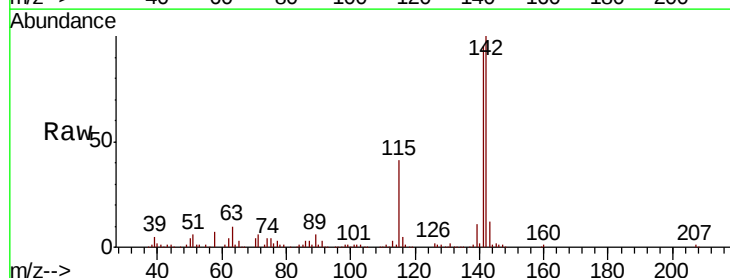
Tgt Ion:142 Resp: 169636

Ion Ratio Lower Upper

142 100

141 94.5 73.0 109.4

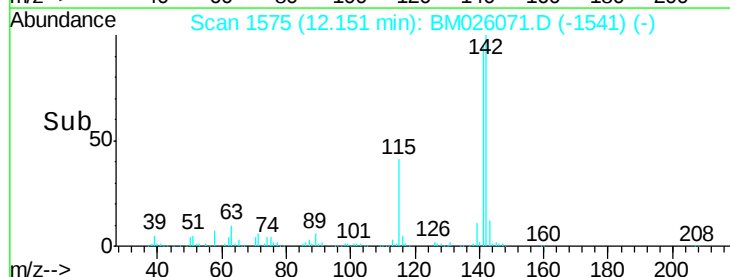
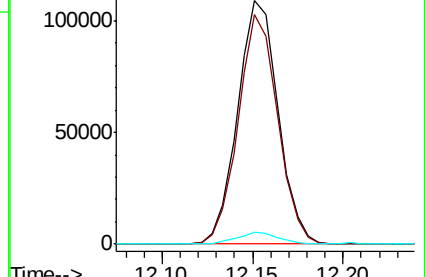
116 4.9 3.3 4.9

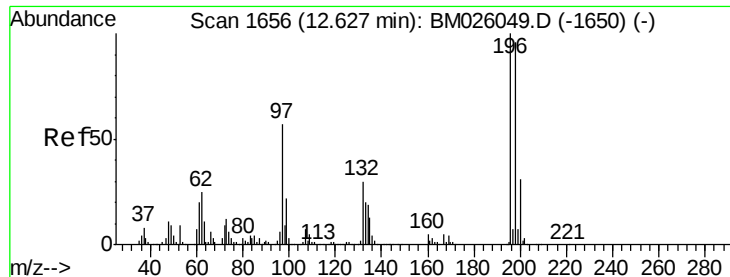


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

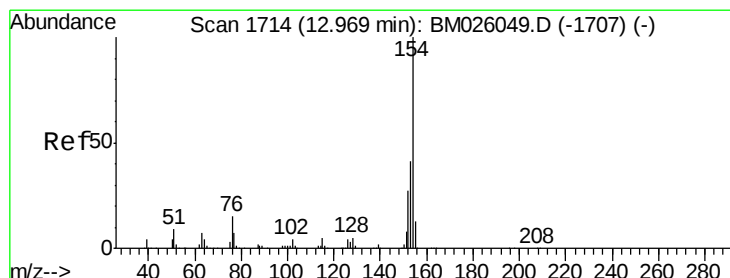
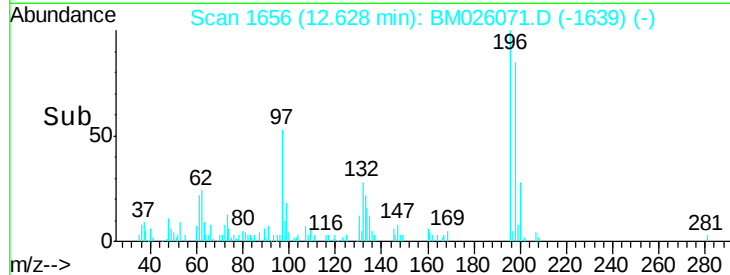
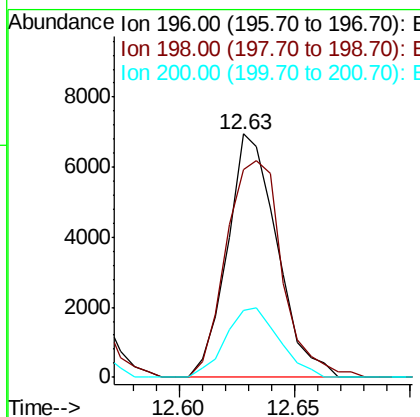
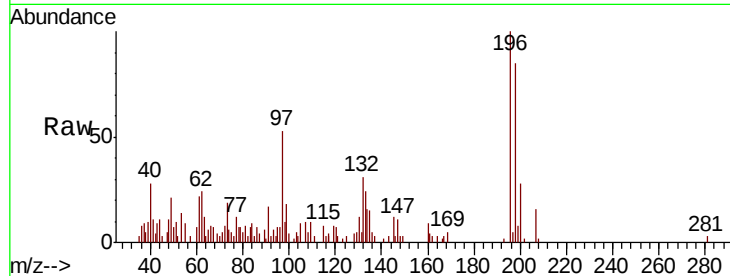




#40
 2,4,5-Trichlorophenol
 Concen: 1.323 ng/ul
 RT: 12.63 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BM026071.D
 Acq: 21 May 2020 23:45

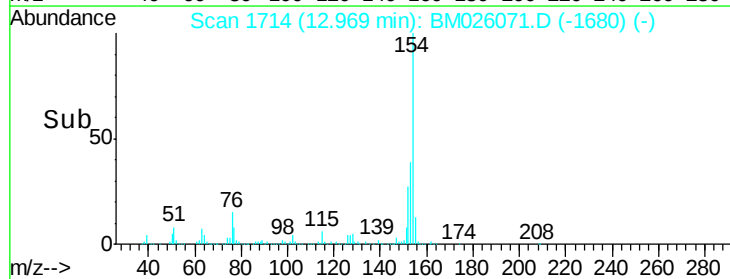
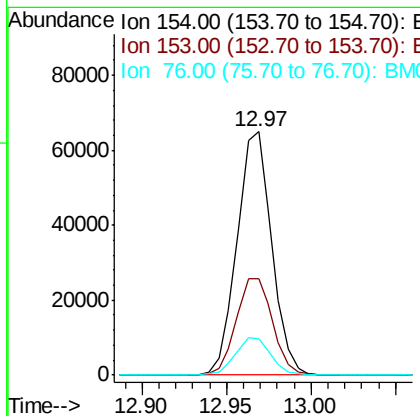
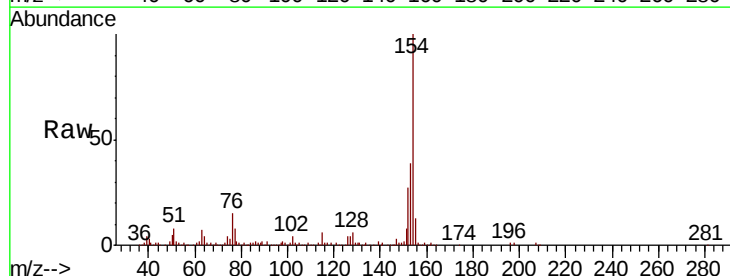
Instrument :
 BNA_M
 ClientSampleId :
 C5CB9

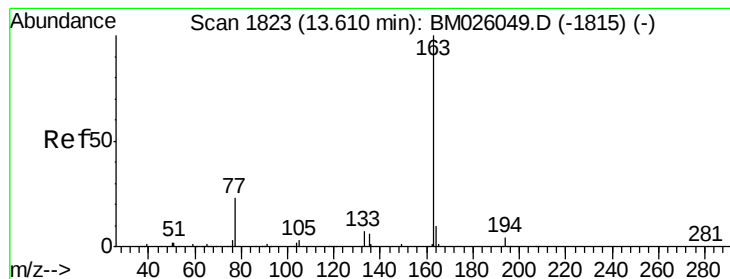
Tot Ion:196	Resp:	10403
Ion Ratio	Lower	Upper
196	100	
198	85.5	79.0 118.6
200	27.8	25.0 37.4



#41
 1,1'-Biphenyl
 Concen: 3.071 ng/ul
 RT: 12.97 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM026071.D
 Acq: 21 May 2020 23:45

Tgt Ion:154	Resp:	93159
Ion Ratio	Lower	Upper
154	100	
153	39.4	32.3 48.5
76	14.8	13.0 19.6





#45

Dimethylphthalate

Concen: 4.162 ng/ul

RT: 13.61 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM026071.D

Acq: 21 May 2020 23:45

Instrument :

BNA_M

ClientSampleId :

C5CB9

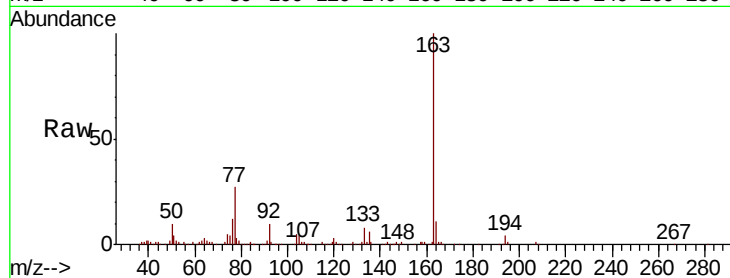
Tot Ion:163 Resp: 119791

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

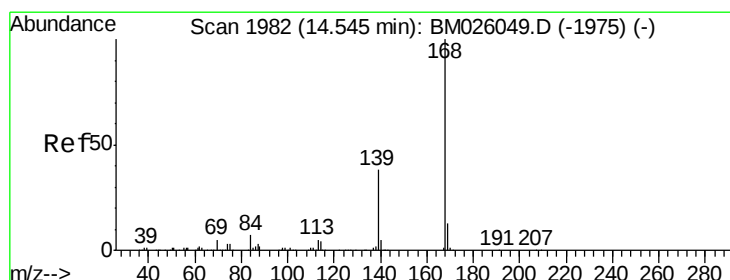
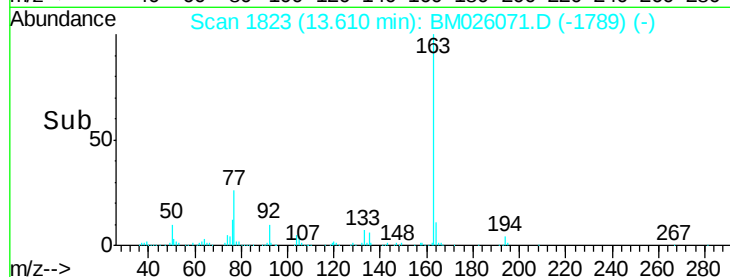
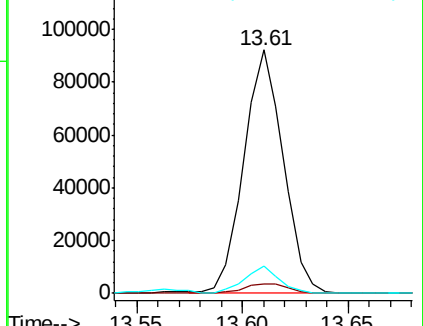
164 11.0 8.0 12.0



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



#54

Dibenzofuran

Concen: 1.277 ng/ul

RT: 14.55 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM026071.D

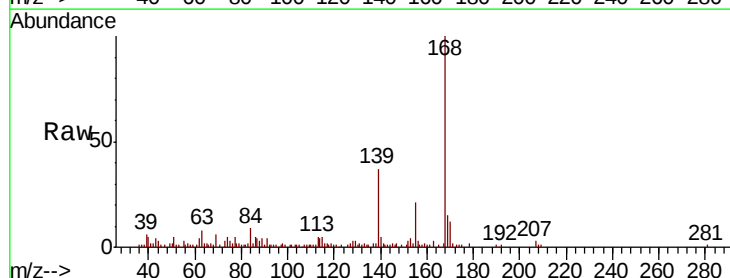
Acq: 21 May 2020 23:45

Tgt Ion:168 Resp: 45132

Ion Ratio Lower Upper

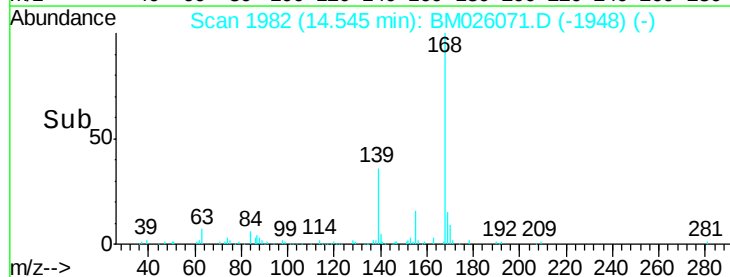
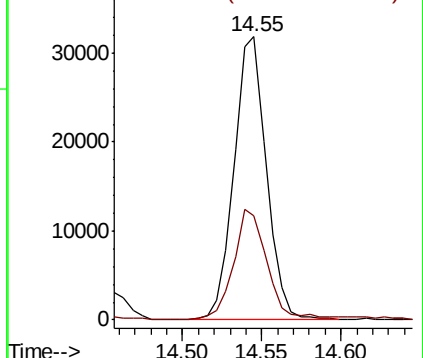
168 100

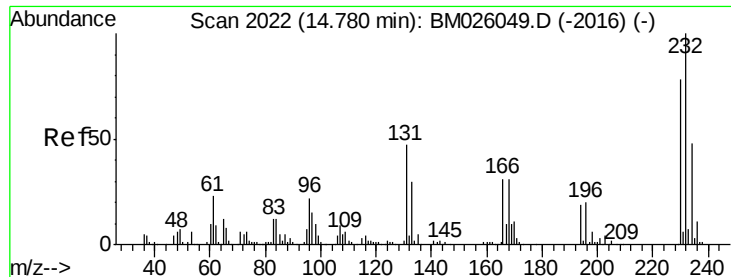
139 36.7 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

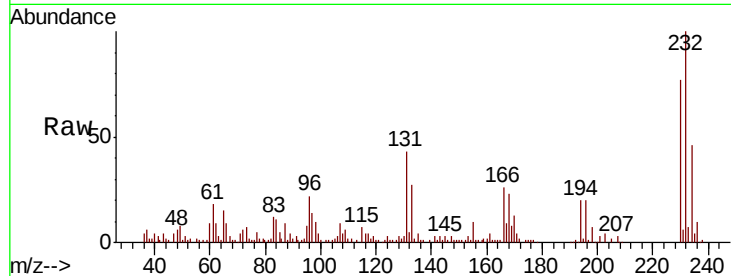




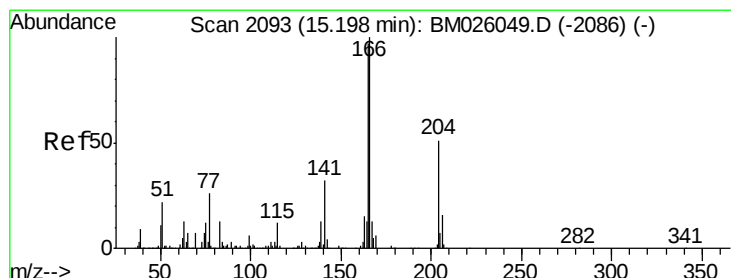
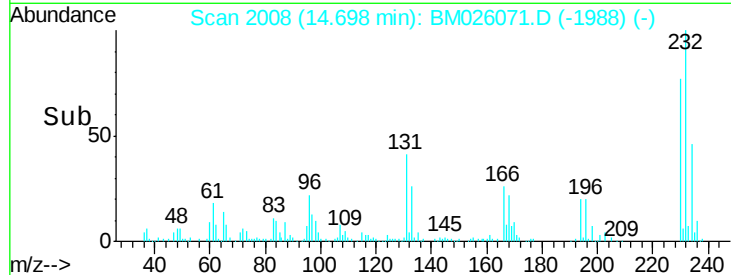
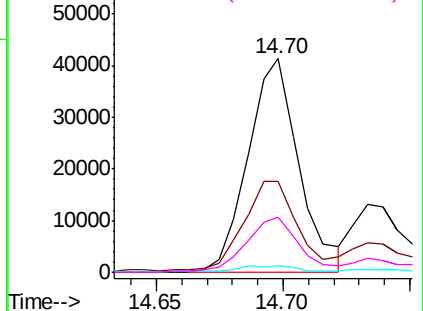
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 8.743 ng/ul
 RT: 14.70 min Scan# 2008
 Delta R.T. -0.08 min
 Lab File: BM026071.D
 Acq: 21 May 2020 23:45

Instrument :
 BNA_M
 ClientSampleId :
 C5CB9

Tot Ion:232 Resp: 57831
 Ion Ratio Lower Upper
 232 100
 131 42.5 37.0 55.4
 130 2.7 1.8 2.8
 166 26.0 25.4 38.0

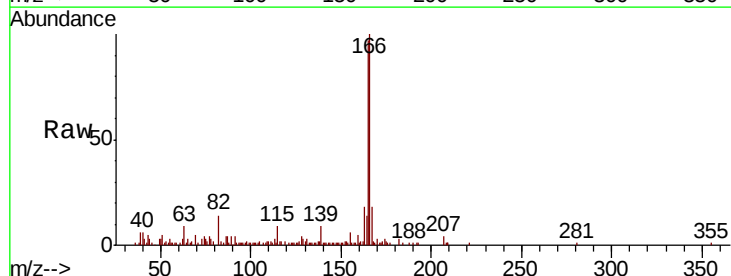


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

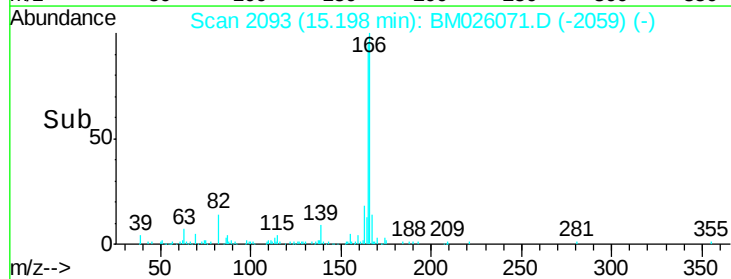
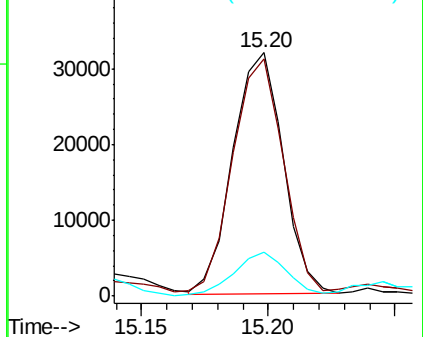


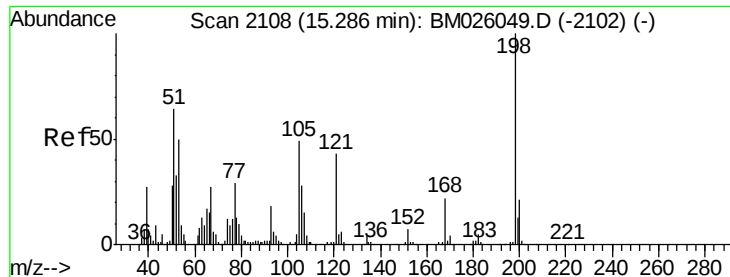
#59
 Fluorene
 Concen: 1.547 ng/ul
 RT: 15.20 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BM026071.D
 Acq: 21 May 2020 23:45

Tgt Ion:166 Resp: 44234
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.3 115.9
 167 18.1 10.6 16.0#



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

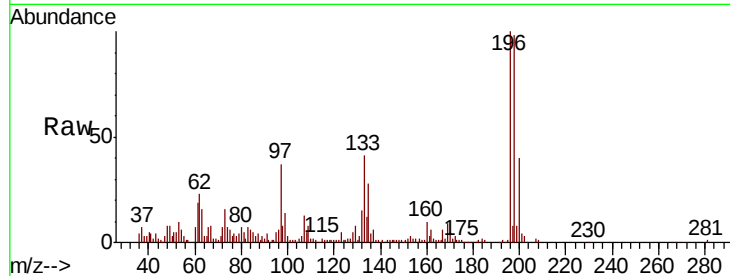




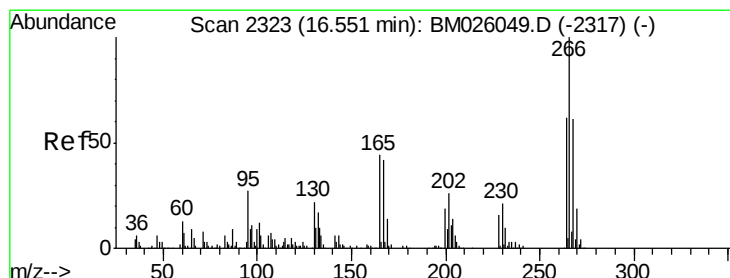
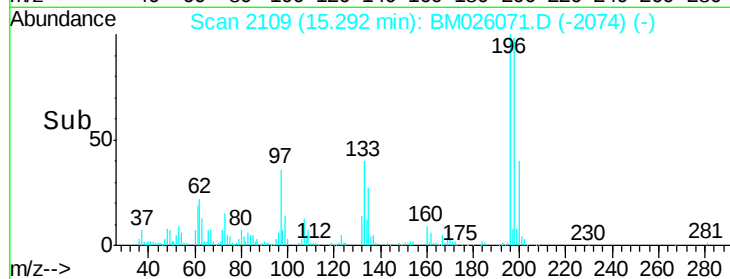
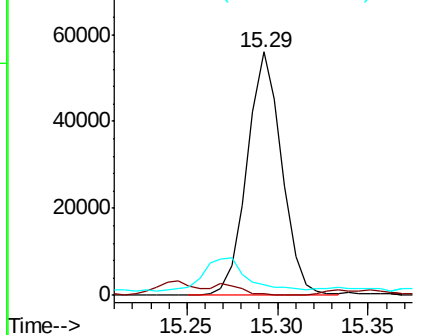
#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.750 ng/ul
 RT: 15.29 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BM026071.D
 Acq: 21 May 2020 23:45

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Tot Ion:198 Resp: 74761
 Ion Ratio Lower Upper
 198 100
 182 0.6 3.8 5.8#
 77 4.3 27.0 40.4#

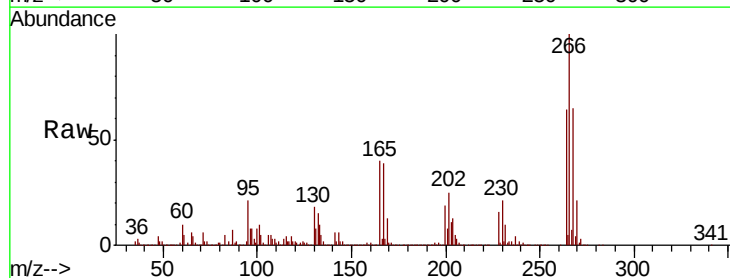


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM



#69
 Pentachlorophenol
 Concen: 1018.384 ng/ul
 RT: 16.57 min Scan# 2326
 Delta R.T. 0.02 min
 Lab File: BM026071.D
 Acq: 21 May 2020 23:45

Tgt Ion:266 Resp: 5339533
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.3 73.9
 268 64.7 52.4 78.6



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

