

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026992.D
 Acq On : 03 Aug 2020 23:29
 Operator : JU/CG
 Sample : L3531-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L06

Manual Integrations
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mohammad
 8/5/2020 10:26:29 AM

Quant Time: Aug 04 10:49:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	113185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	442847	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	280044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	574520	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	556795	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	557484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	11305	4.56	ng/uL	0.00
5) Phenol-d5	6.83	99	61910	6.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	171095	25.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	161161	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	116041	15.21	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	99532	28.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	107647	34.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	207998	27.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	24563	2.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	749232	34.12	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	885156	31.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	32493	8.75	ng/ul	0.00
58) Fluorene-d10	15.29	176	628077	32.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	497846	194.39	ng/ul	0.02
71) Anthracene-d10	17.14	188	1006445	35.05	ng/ul	0.00
79) Pyrene-d10	19.43	212	1066821	35.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1131765	35.98	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.50	128	12070940	487.888	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	1509312	86.290	ng/ul	100
40) 2,4,5-Trichlorophenol	12.79	196	11823	2.017	ng/ul	94
41) 1,1'-Biphenyl	13.12	154	257533	11.005	ng/ul	100
45) Dimethylphthalate	13.76	163	71974	3.123	ng/ul	99
48) Acenaphthylene	14.02	152	31786	1.120	ng/ul#	54
50) Acenaphthene	14.36	153	589510	30.137	ng/ul	99
54) Dibenzofuran	14.69	168	482570	17.798	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	130637m	28.412	ng/ul	
59) Fluorene	15.34	166	317564	13.908	ng/ul	98
69) Pentachlorophenol	16.71	266	4210540	1107.096	ng/ul	98
70) Phenanthrene	17.08	178	547573	15.701	ng/ul	99
72) Anthracene	17.17	178	48306	1.348	ng/ul	96
75) Carbazole	17.43	167	523650	16.526	ng/ul	99

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

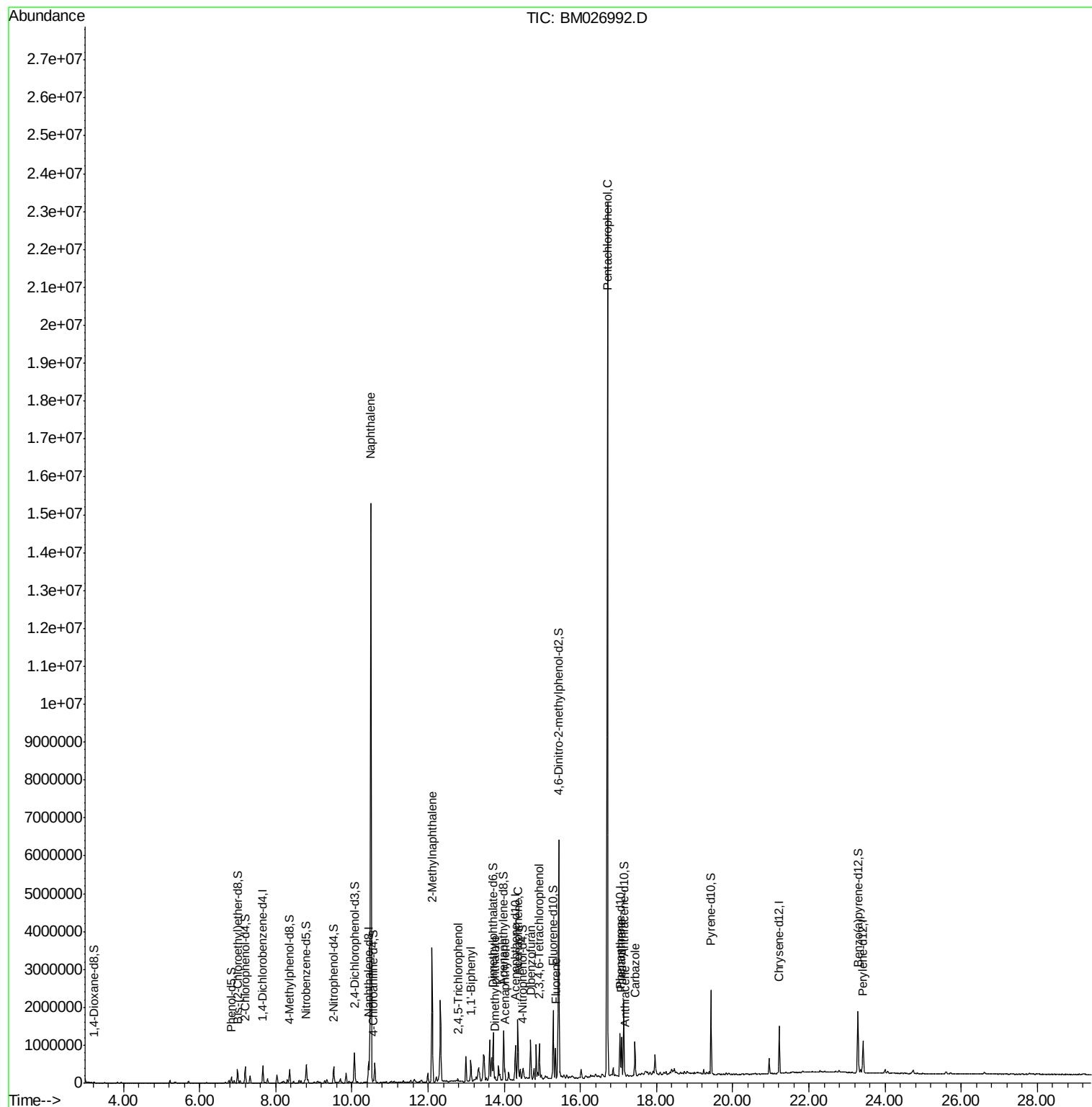
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026992.D
Acq On : 03 Aug 2020 23:29
Operator : JU/CG
Sample : L3531-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

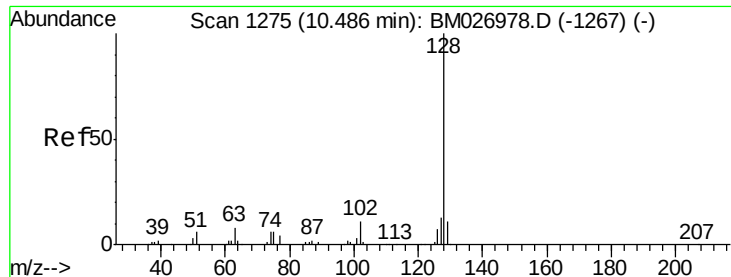
Instrument :
BNA_M
ClientSampleId :
F4L06

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Quant Time: Aug 04 10:49:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
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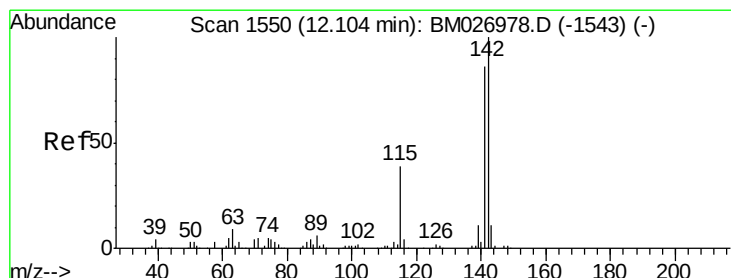
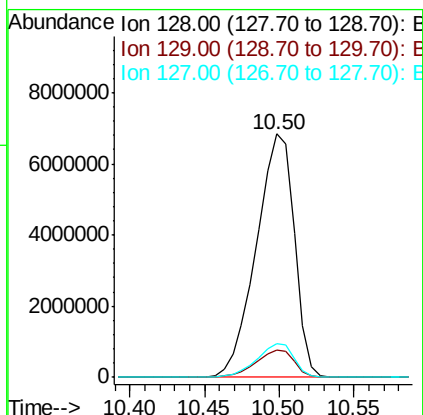
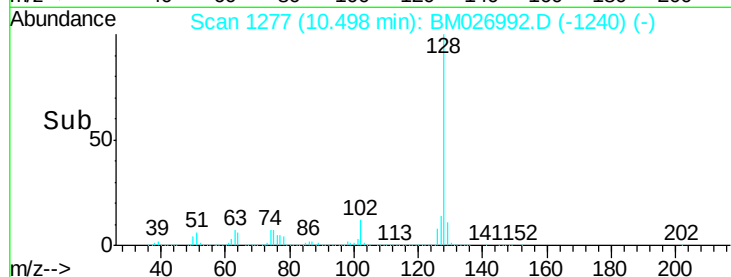
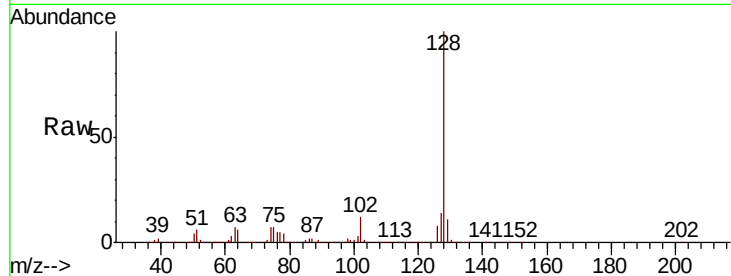
#28
Naphthalene
Concen: 487.888 ng/ul
RT: 10.50 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BM026992.D
Acq: 03 Aug 2020 23:29

Instrument :
BNA_M
ClientSampleId :
F4L06

Tot Ion:128 Resp:12070940
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.7 11.0 16.6

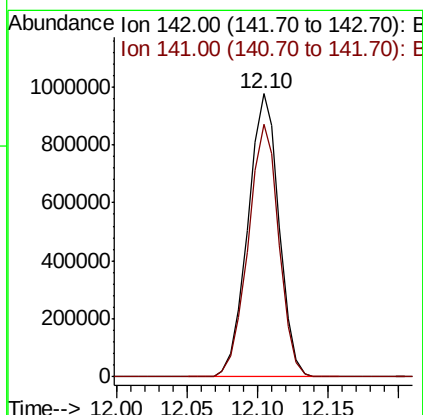
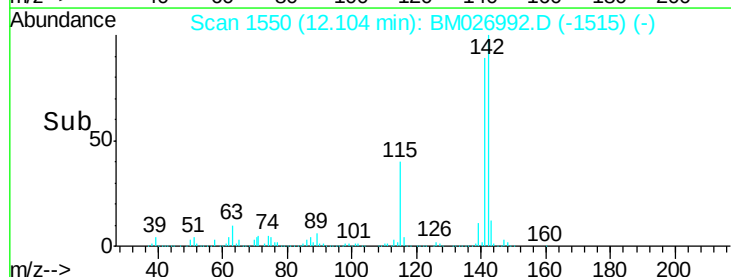
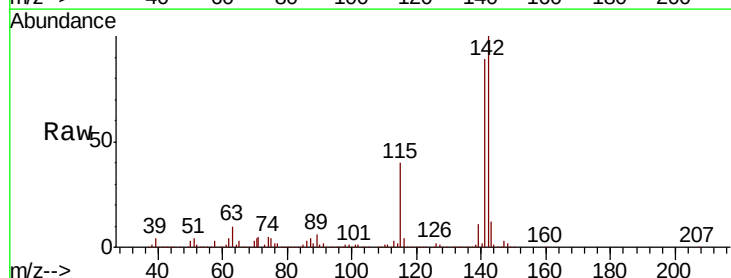
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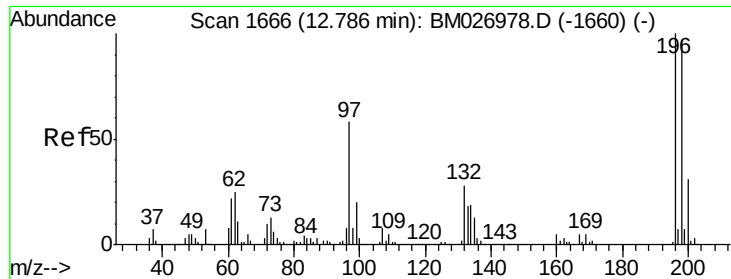
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#34
2-Methylnaphthalene
Concen: 86.290 ng/ul
RT: 12.10 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BM026992.D
Acq: 03 Aug 2020 23:29

Tgt Ion:142 Resp: 1509312
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7





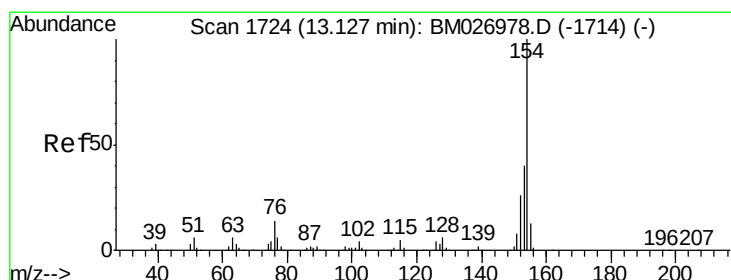
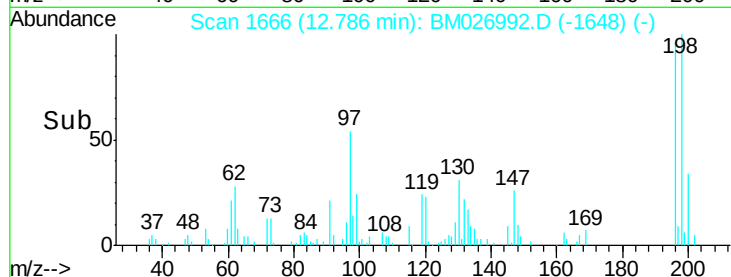
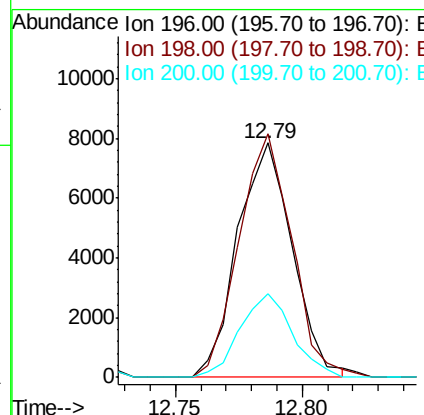
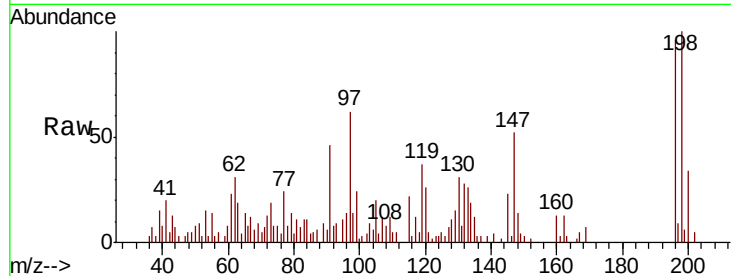
#40
 2,4,5-Trichlorophenol
 Concen: 2.017 ng/ul
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM026992.D
 Acq: 03 Aug 2020 23:29

Instrument :
 BNA_M
 ClientSampled :
 F4L06

Tot Ion	Ratio	Resp	Lower	Upper
196	100	11823		
198	103.9	79.0	118.6	
200	35.7	25.4	38.2	

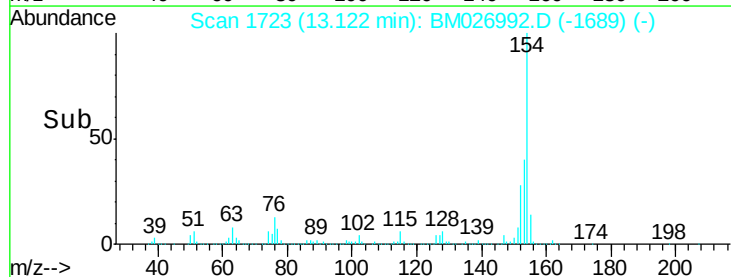
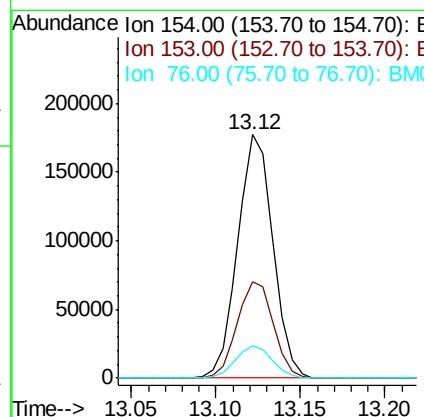
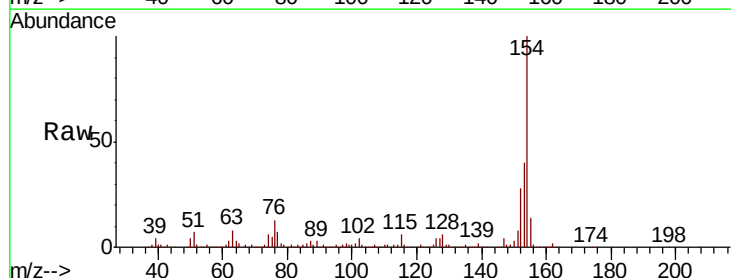
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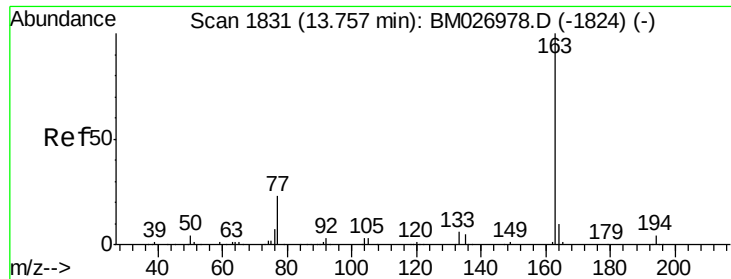
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#41
 1,1'-Biphenyl
 Concen: 11.005 ng/ul
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BM026992.D
 Acq: 03 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	257533		
153	39.6	31.4	47.2	
76	13.4	10.8	16.2	





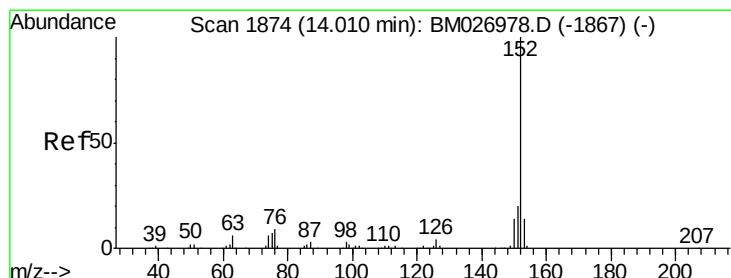
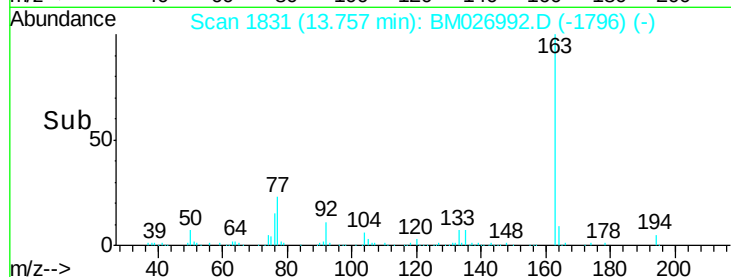
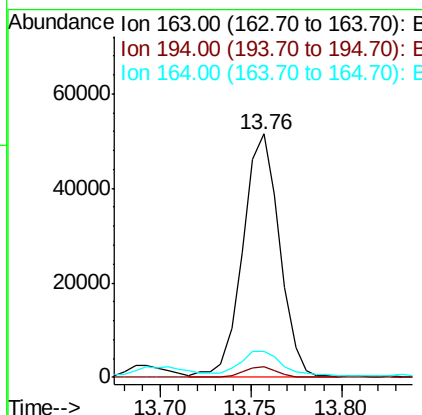
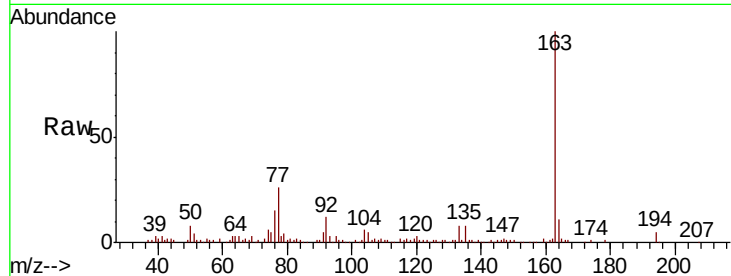
#45
Dimethylphthalate
Concen: 3.123 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM026992.D
Acq: 03 Aug 2020 23:29

Instrument :
BNA_M
ClientSampleId :
F4L06

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.8	8.6	12.8

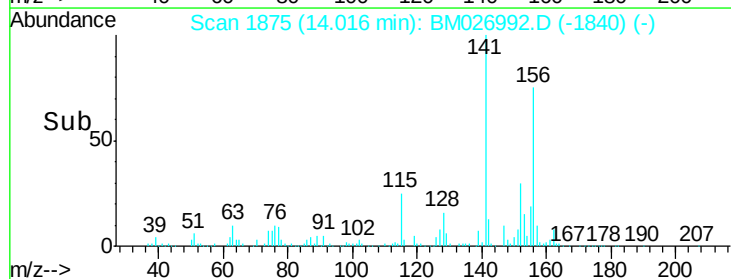
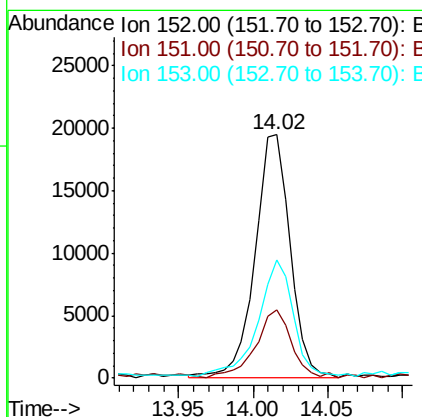
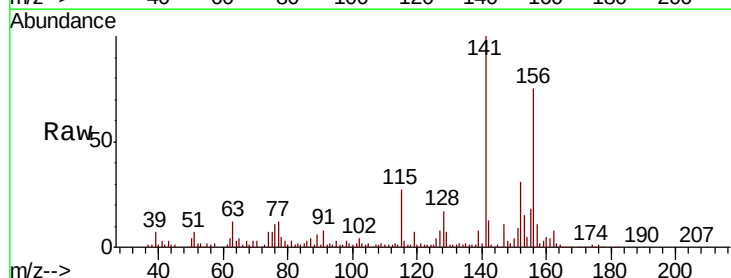
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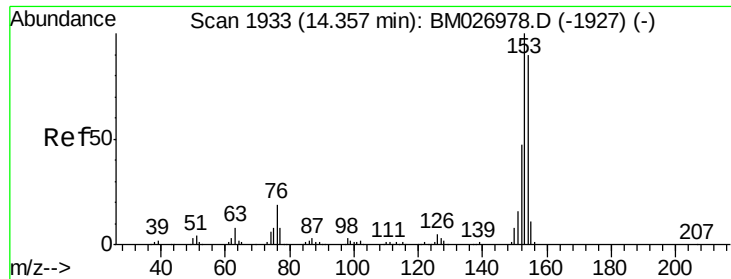
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#48
Acenaphthylene
Concen: 1.120 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM026992.D
Acq: 03 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.8	15.8	23.6#
153	48.6	10.7	16.1#





#50

Acenaphthene

Concen: 30.137 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM026992.D

Acq: 03 Aug 2020 23:29

Instrument :

BNA_M

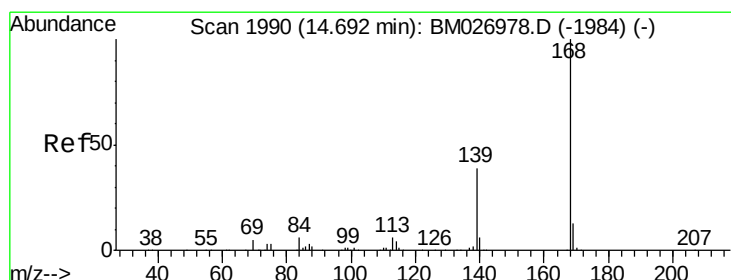
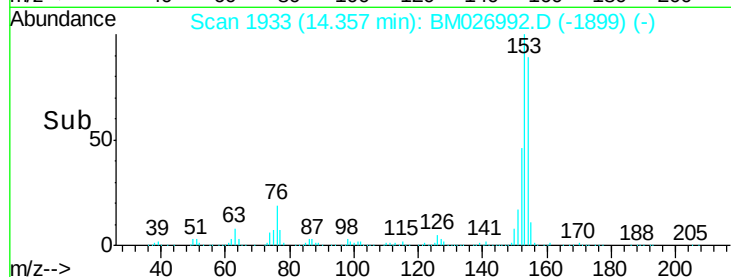
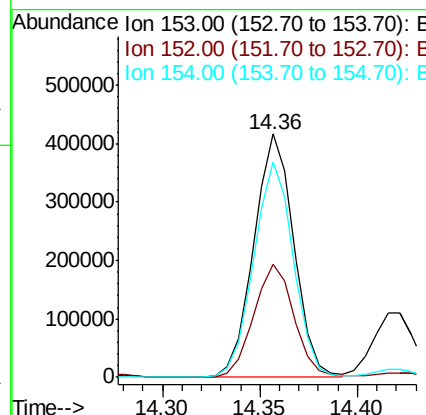
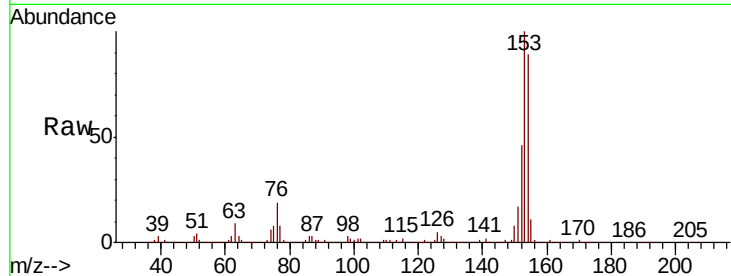
ClientSampled :

F4L06

Tot Ion:	153	Resp:	589510
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.8	56.6
154	88.6	70.5	105.7

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#54

Dibenzofuran

Concen: 17.798 ng/ul

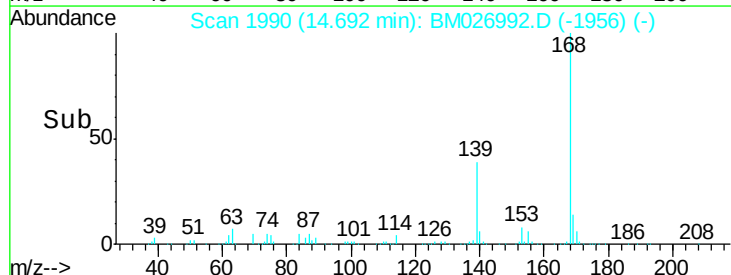
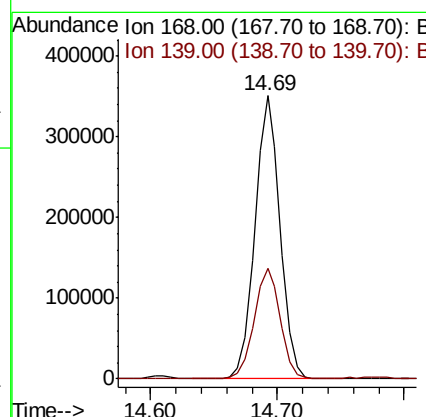
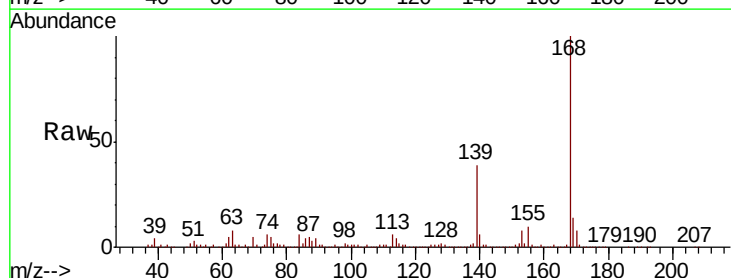
RT: 14.69 min Scan# 1990

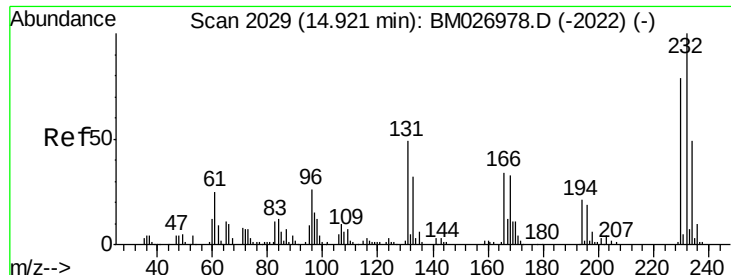
Delta R.T. -0.00 min

Lab File: BM026992.D

Acq: 03 Aug 2020 23:29

Tgt Ion:	168	Resp:	482570
Ion Ratio	Lower	Upper	
168	100		
139	39.3	30.8	46.2





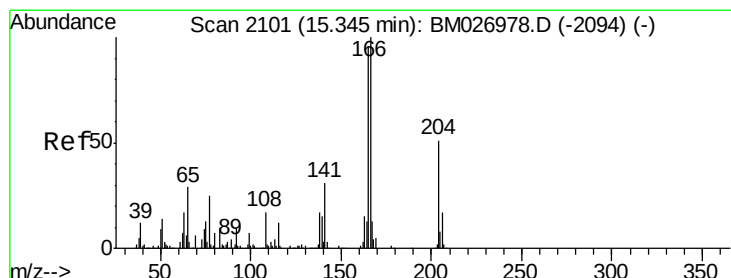
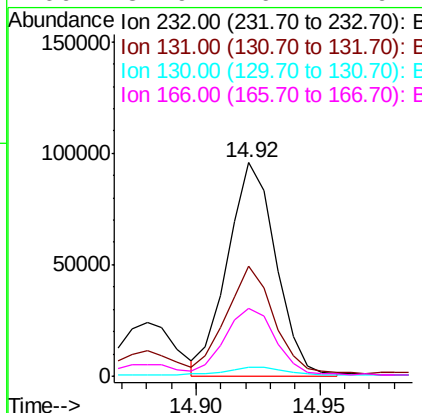
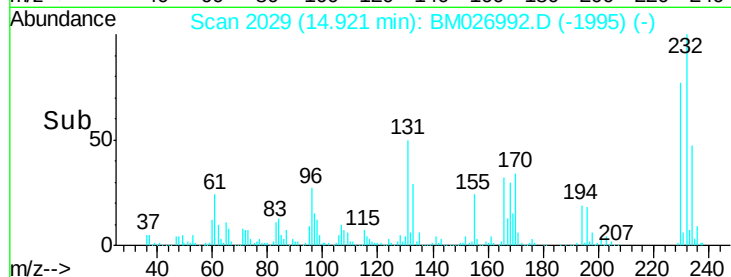
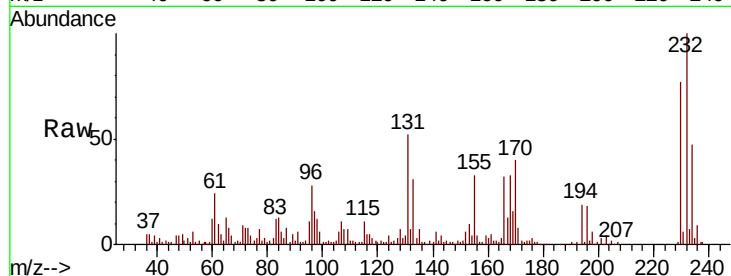
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 28.412 ng/ul m
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BM026992.D
 Acq: 03 Aug 2020 23:29

Instrument :
 BNA_M
 ClientSampled :
 F4L06

Tot Ion	Ratio	Resp	Lower	Upper
232	100	130637		
131	51.6	39.4	59.2	
130	4.0	2.6	4.0	#
166	31.9	26.7	40.1	

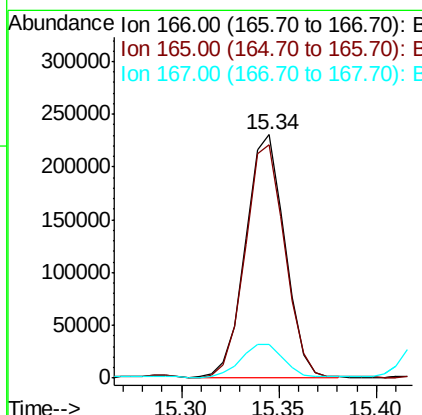
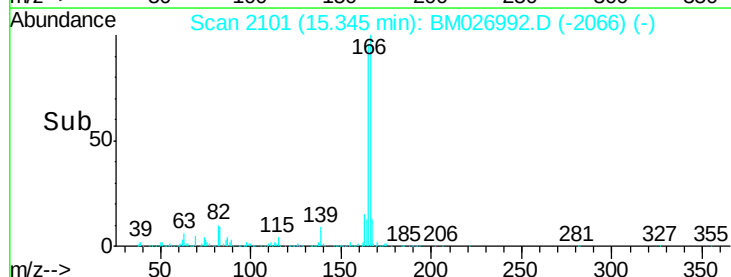
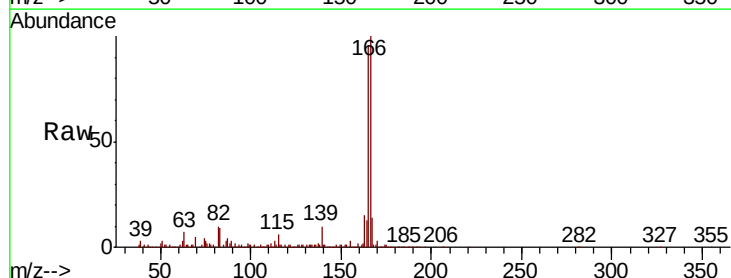
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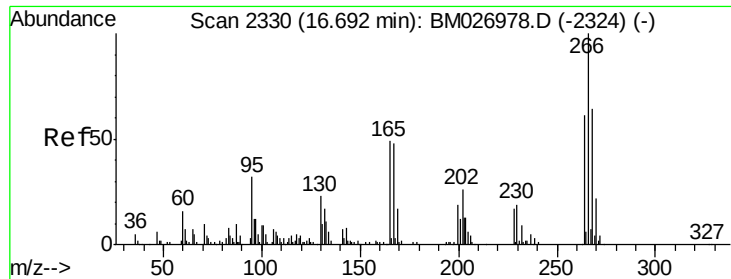
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#59
 Fluorene
 Concen: 13.908 ng/ul
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BM026992.D
 Acq: 03 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	317564		
165	96.0	78.2	117.2	
167	14.0	10.3	15.5	





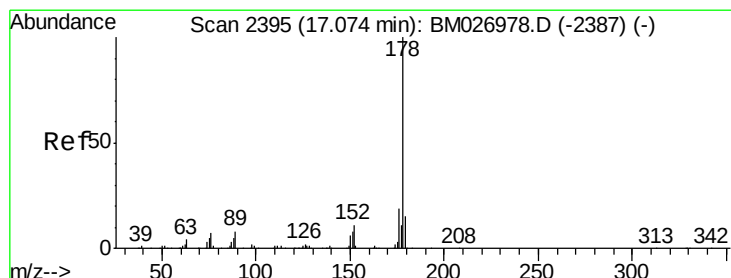
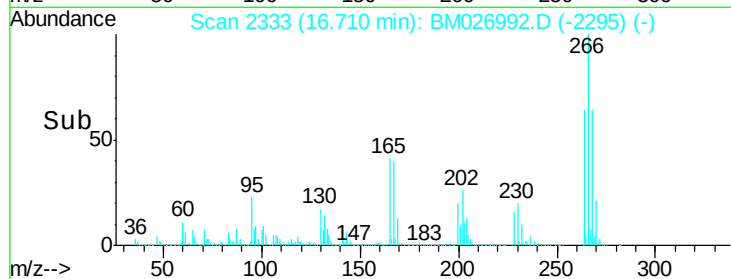
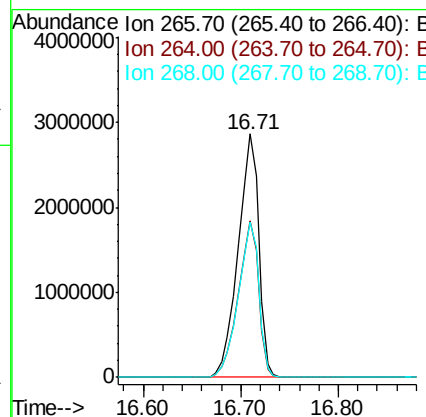
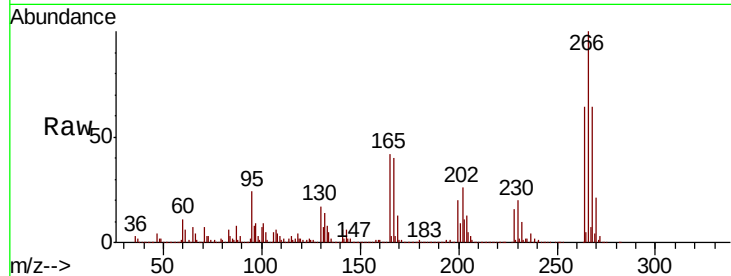
#69
 Pentachlorophenol
 Concen: 1107.096 ng/ul
 RT: 16.71 min Scan# 2333
 Delta R.T. 0.02 min
 Lab File: BM026992.D
 Acq: 03 Aug 2020 23:29

Instrument :
 BNA_M
 ClientSampleId :
 F4L06

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.3	73.9
268	64.0	50.5	75.7

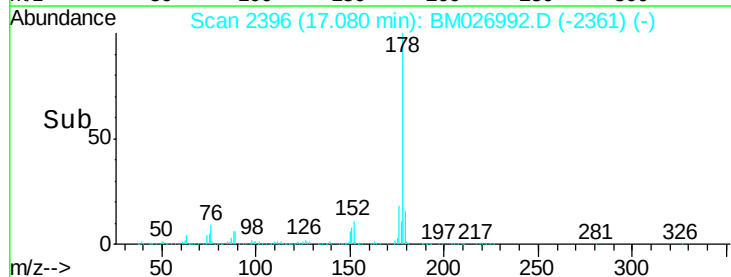
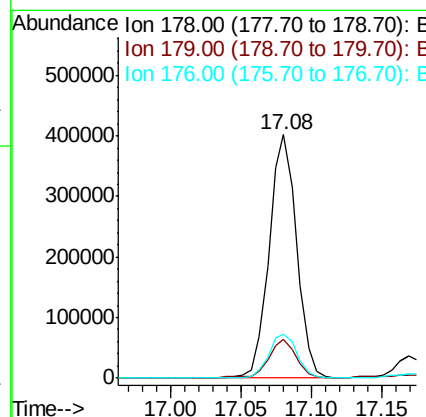
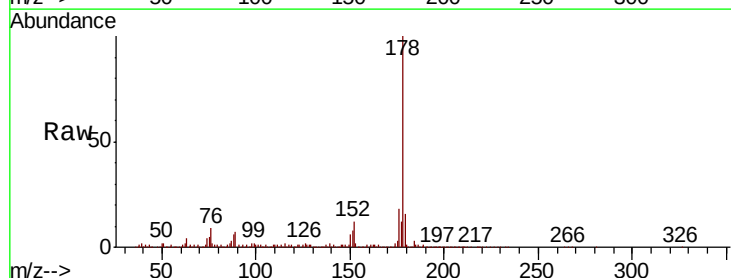
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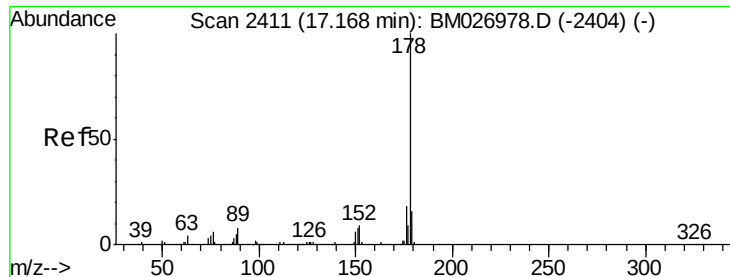
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#70
 Phenanthrene
 Concen: 15.701 ng/ul
 RT: 17.08 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BM026992.D
 Acq: 03 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.0	18.0
176	18.2	14.7	22.1





#72

Anthracene

Concen: 1.348 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM026992.D

Acq: 03 Aug 2020 23:29

Instrument :

BNA_M

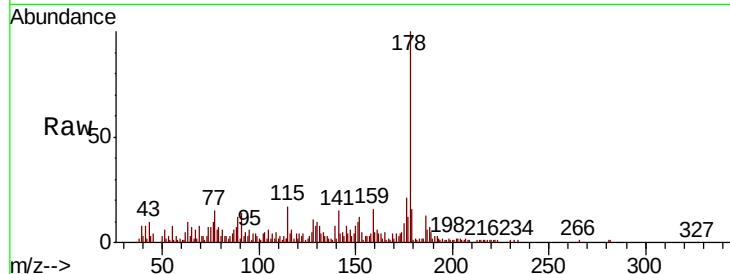
ClientSampleId :

F4L06

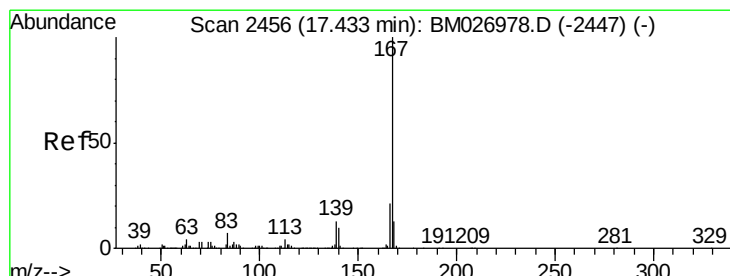
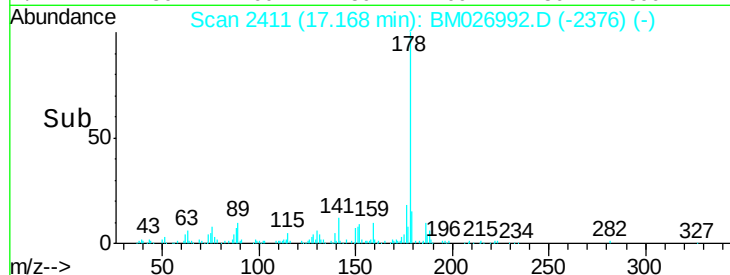
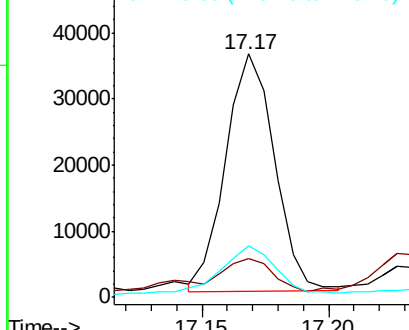
Tot Ion:178	Resp:	48306
Ion Ratio	Lower	Upper
178	100	
179	16.1	11.8 17.6
176	21.1	15.0 22.6

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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: 16.526 ng/ul

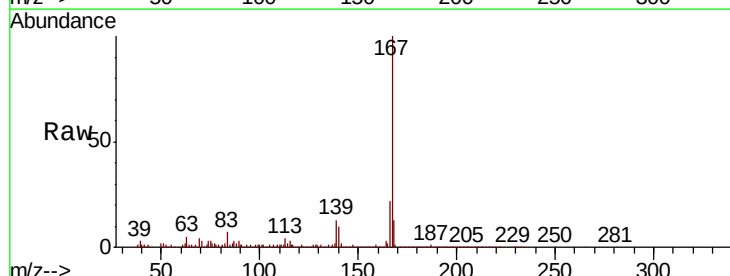
RT: 17.43 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BM026992.D

Acq: 03 Aug 2020 23:29

Tgt Ion:167	Resp:	523650
Ion Ratio	Lower	Upper
167	100	
166	21.5	17.1 25.7
139	13.3	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

