

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042889.D
 Acq On : 18 Nov 2023 19:45
 Operator : MA/JU
 Sample : 05268-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 22:10:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

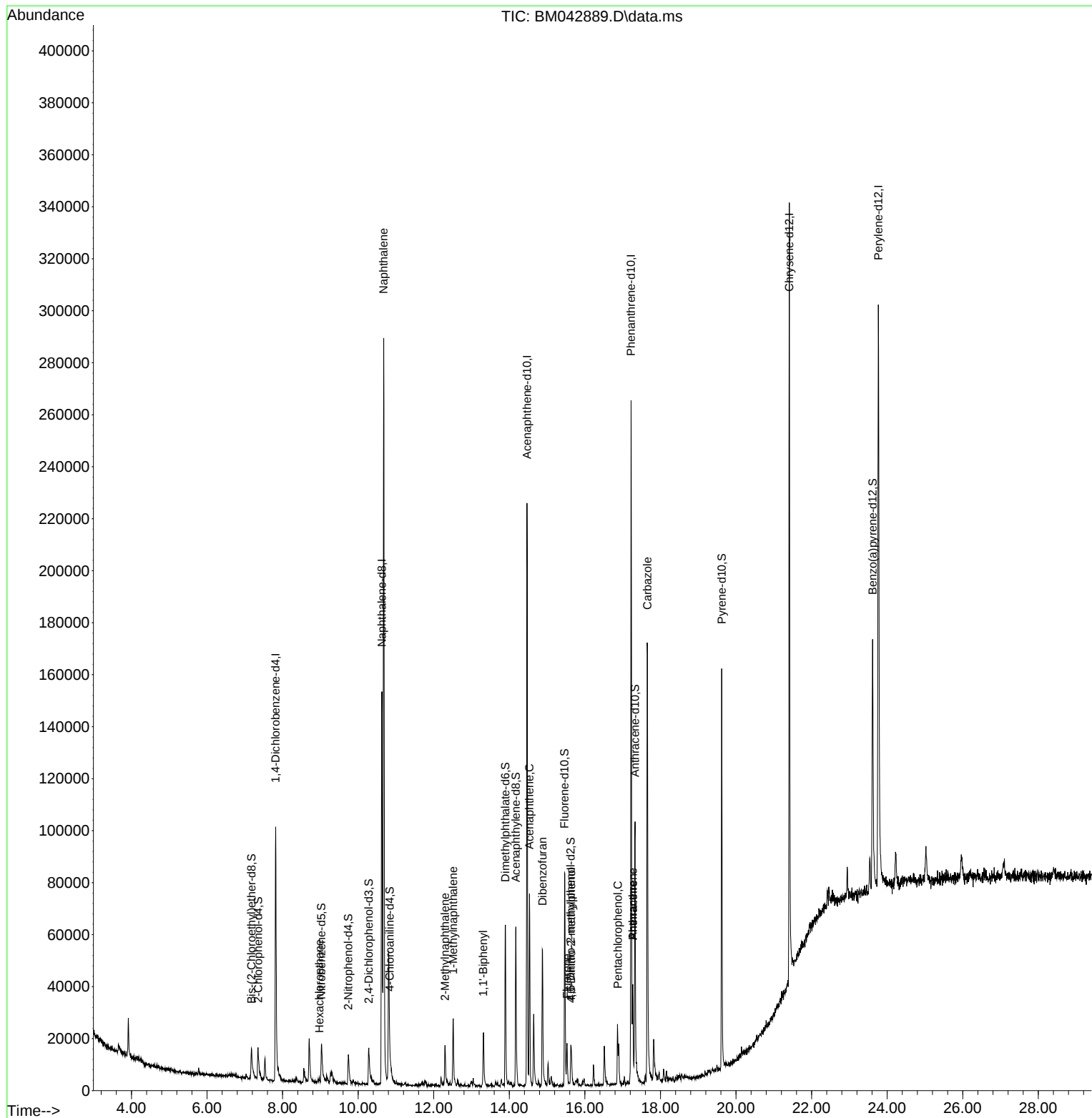
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	24473	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	98393	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	62038	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	144037	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	146544	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	178045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	647	0.830	ng/uL	0.00
4) Pyridine-d5	3.605	84	214	0.110	ng/u1	0.00
7) Phenol-d5	7.034	99	508	0.213	ng/u1	0.06
9) Bis-(2-Chloroethyl)eth...	7.175	67	7625	4.556	ng/u1	0.02
11) 2-Chlorophenol-d4	7.351	132	5833	3.174	ng/u1	0.02
15) 4-Methylphenol-d8	8.563	113	1469	0.783	ng/u1	0.03
21) Nitrobenzene-d5	9.028	128	2846	3.299	ng/u1	0.01
24) 2-Nitrophenol-d4	9.739	143	3645	3.612	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.281	165	2782	1.483	ng/u1	0.04
31) 4-Chloroaniline-d4	10.834	131	2945	1.236	ng/u1	0.04
46) Dimethylphthalate-d6	13.892	166	38302	6.523	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	36259	5.772	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.463	176	31713	6.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	1958	1.795	ng/u1	0.01
73) Anthracene-d10	17.327	188	51737	6.409	ng/u1	0.00
81) Pyrene-d10	19.621	212	75026	7.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	74456	6.991	ng/u1	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	8.975	117	1068	1.048	ng/u1#	3
30) Naphthalene	10.675	128	187723	30.454	ng/u1	99
36) 2-Methylnaphthalene	12.298	142	8251	1.997	ng/u1	92
37) 1-Methylnaphthalene	12.516	142	11198	2.578	ng/u1	87
43) 1,1'-Biphenyl	13.310	154	9922	1.918	ng/u1	98
52) Acenaphthene	14.533	153	25612	5.380	ng/u1	95
56) Dibenzofuran	14.880	168	33783	5.113	ng/u1	100
61) Fluorene	15.527	166	6550	1.168	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.639	198	1248	1.124	ng/u1#	87
71) Pentachlorophenol	16.868	266	3425	2.538	ng/u1	96
72) Phenanthrene	17.268	178	18336	2.038	ng/u1	97
74) Anthracene	17.268	178	18336	2.026	ng/u1	98
77) Carbazole	17.657	167	107585	14.395	ng/u1	99

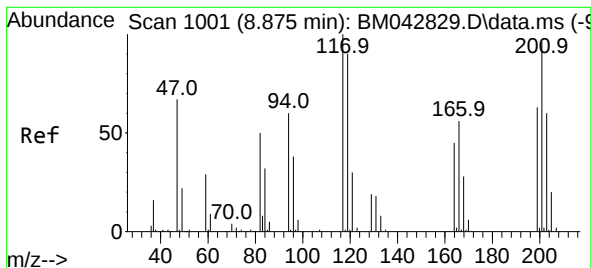
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Hexachloroethane

Concen: 1.048 ng/ul

RT: 8.975 min Scan# 1018

Delta R.T. 0.112 min

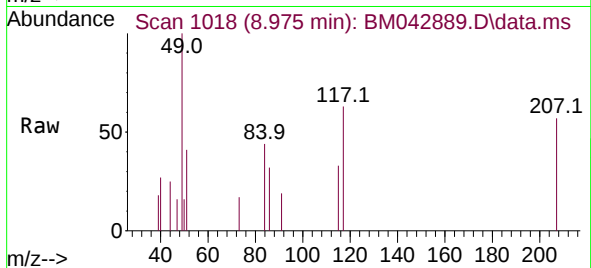
Lab File: BM042889.D

Acq: 18 Nov 2023 19:45

Instrument :

BNA_M

ClientSampleId :



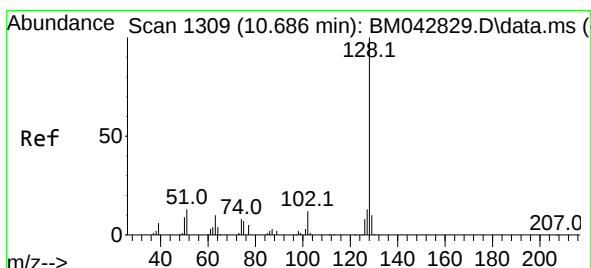
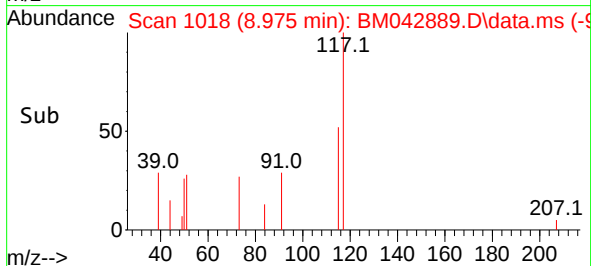
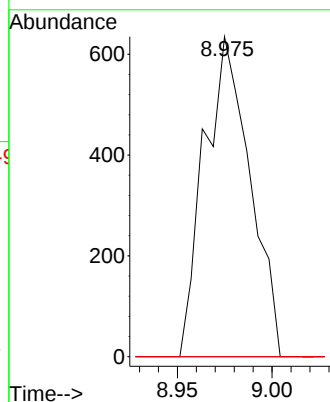
Tgt Ion:117 Resp: 1068

Ion Ratio Lower Upper

117 100

201 0.0 90.0 135.0#

199 0.0 52.2 78.4#



#30

Naphthalene

Concen: 30.454 ng/ul

RT: 10.675 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BM042889.D

Acq: 18 Nov 2023 19:45

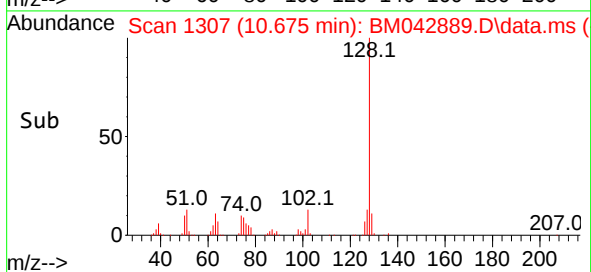
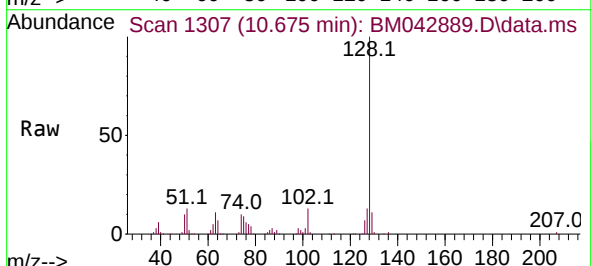
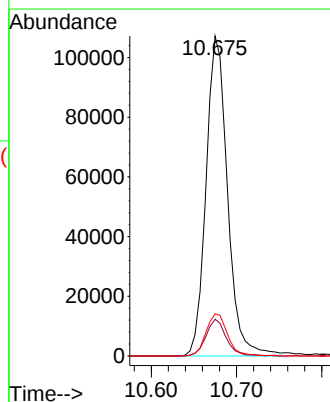
Tgt Ion:128 Resp: 187723

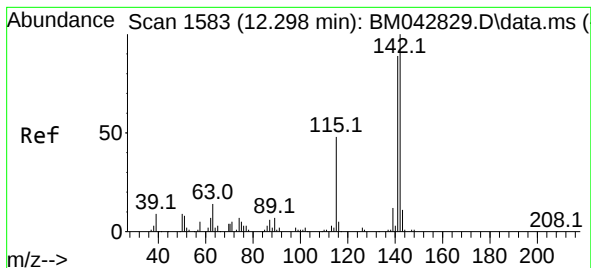
Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 13.2 10.5 15.7

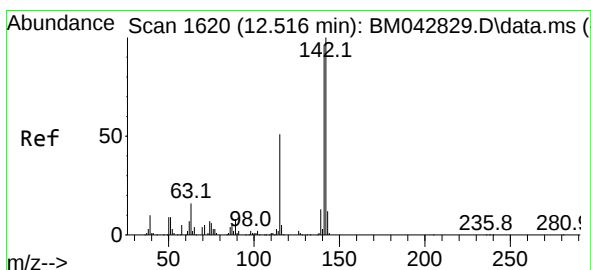
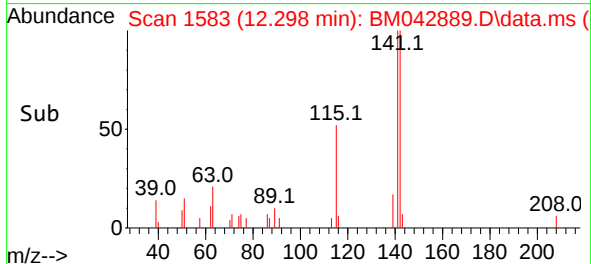
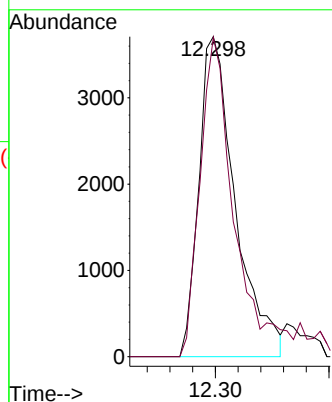
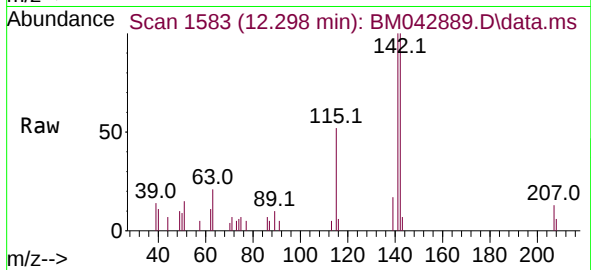




#36
2-Methylnaphthalene
Concen: 1.997 ng/ul
RT: 12.298 min Scan# 1583
Delta R.T. 0.012 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

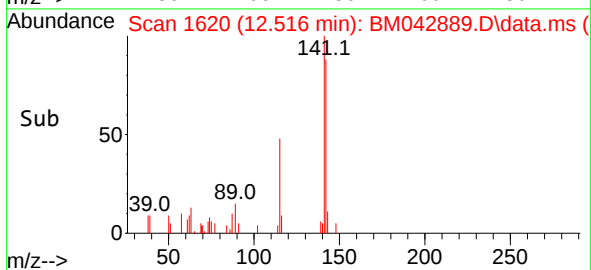
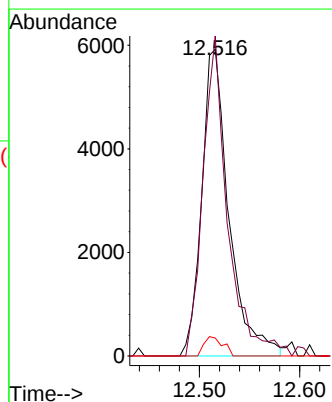
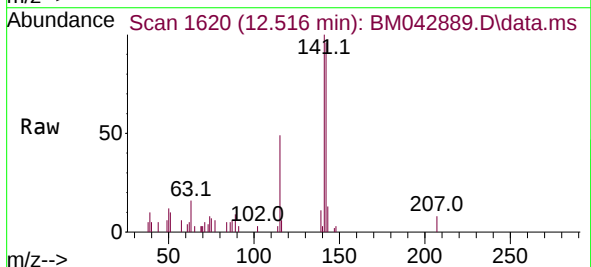
Instrument :
BNA_M
ClientSampleId :

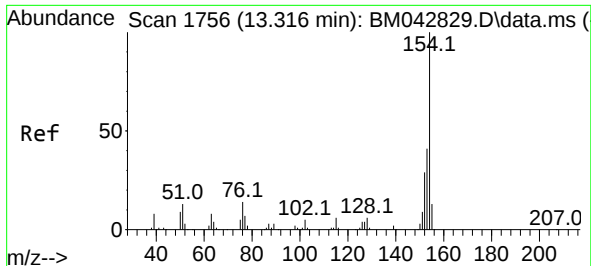
Tgt Ion:142 Resp: 8251
Ion Ratio Lower Upper
142 100
141 99.7 73.6 110.4



#37
1-Methylnaphthalene
Concen: 2.578 ng/ul
RT: 12.516 min Scan# 1620
Delta R.T. 0.006 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

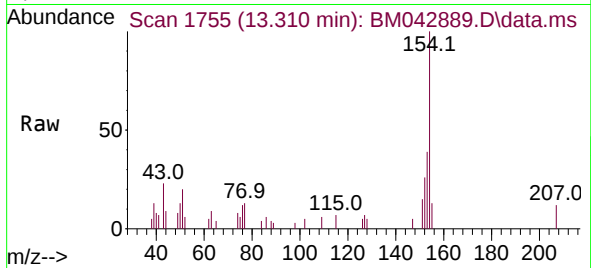
Tgt Ion:142 Resp: 11198
Ion Ratio Lower Upper
142 100
141 104.3 73.3 109.9
116 5.8 3.9 5.9



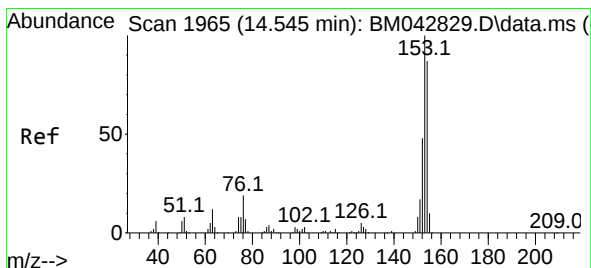
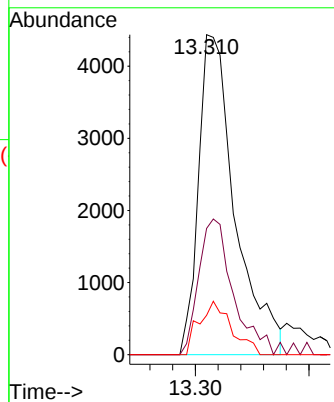
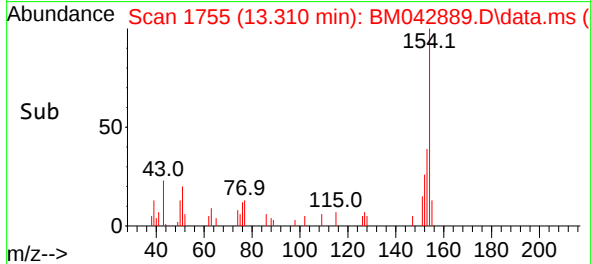


#43
 1,1'-Biphenyl
 Concen: 1.918 ng/ul
 RT: 13.310 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM042889.D
 Acq: 18 Nov 2023 19:45

Instrument :
 BNA_M
 ClientSampleId :

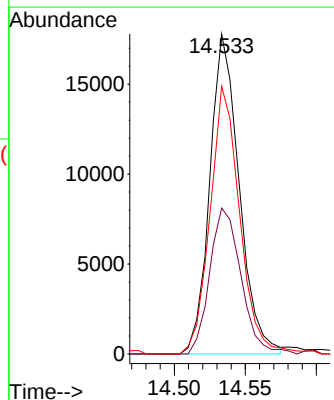
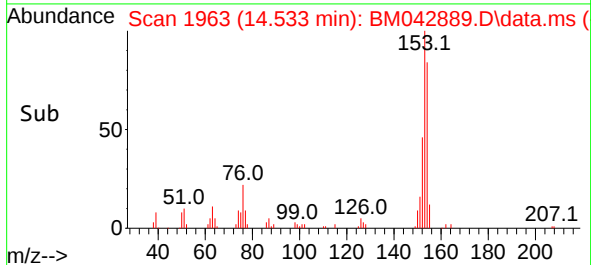
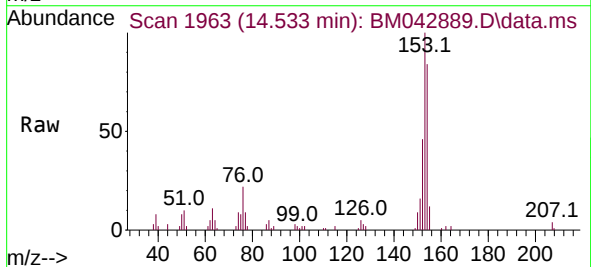


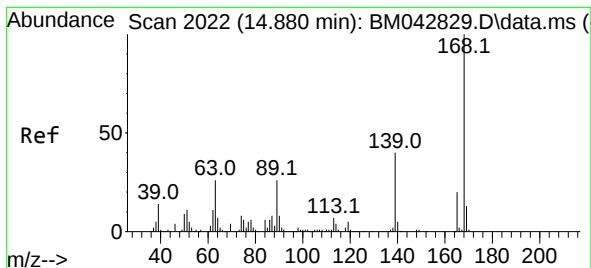
Tgt Ion:154 Resp: 9922
 Ion Ratio Lower Upper
 154 100
 153 39.4 32.4 48.6
 76 12.3 10.7 16.1



#52
 Acenaphthene
 Concen: 5.380 ng/ul
 RT: 14.533 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: BM042889.D
 Acq: 18 Nov 2023 19:45

Tgt Ion:153 Resp: 25612
 Ion Ratio Lower Upper
 153 100
 152 45.6 38.2 57.2
 154 83.6 71.3 106.9





#56

Dibenzofuran

Concen: 5.113 ng/ul

RT: 14.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM042889.D

Acq: 18 Nov 2023 19:45

Instrument :

BNA_M

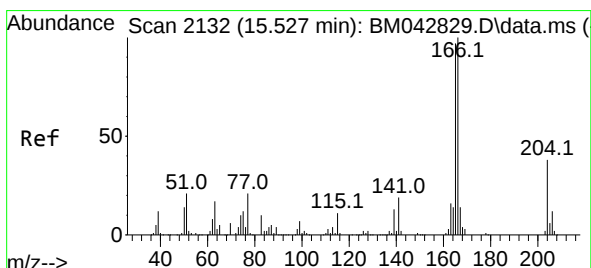
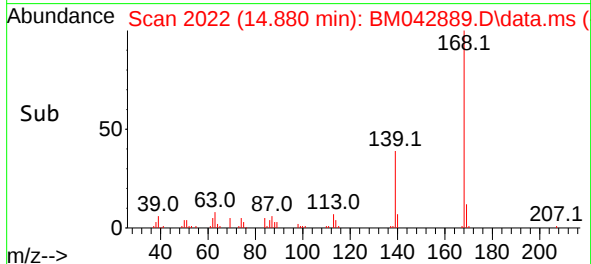
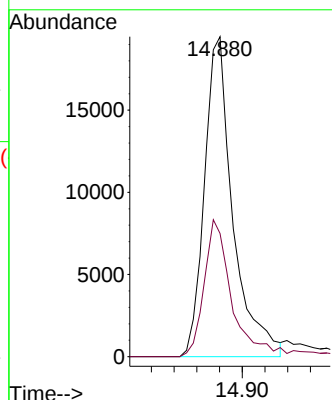
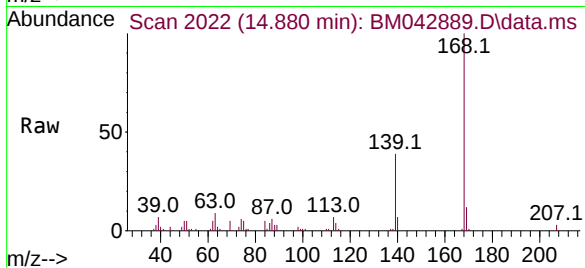
ClientSampleId :

Tgt Ion:168 Resp: 33783

Ion Ratio Lower Upper

168 100

139 38.5 30.8 46.2



#61

Fluorene

Concen: 1.168 ng/ul

RT: 15.527 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BM042889.D

Acq: 18 Nov 2023 19:45

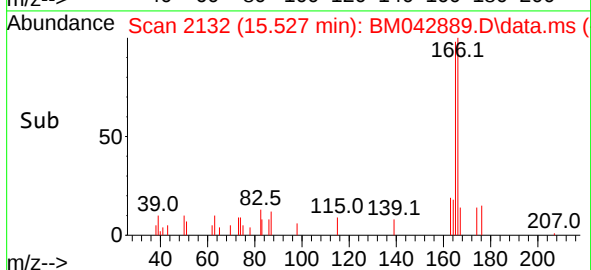
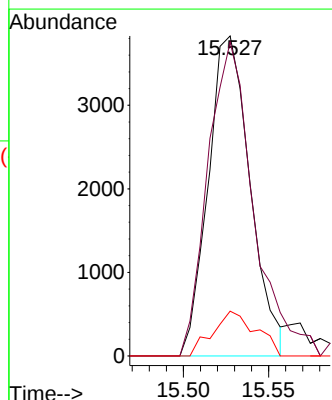
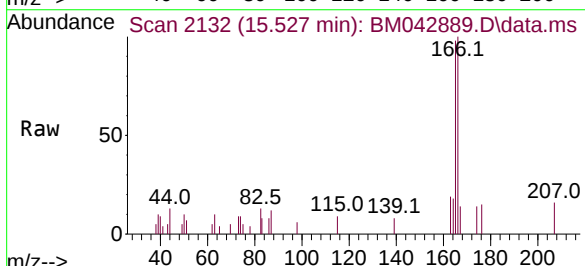
Tgt Ion:166 Resp: 6550

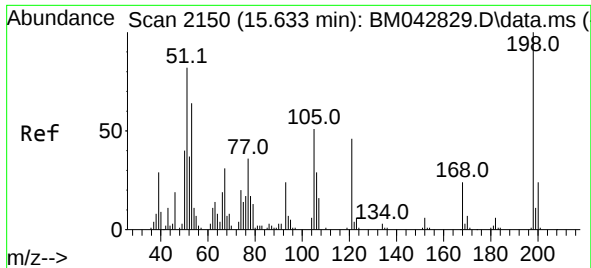
Ion Ratio Lower Upper

166 100

165 98.1 79.3 118.9

167 14.0 10.6 15.8

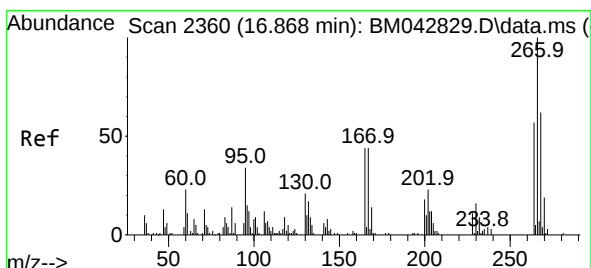
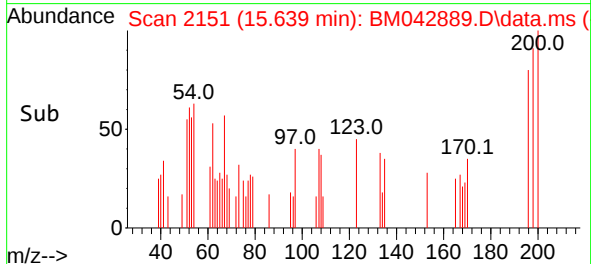
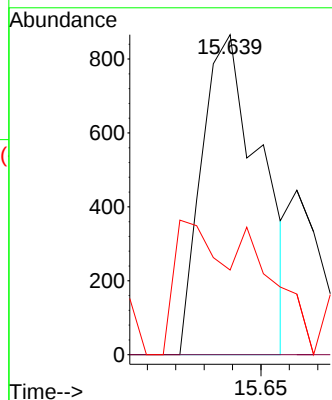
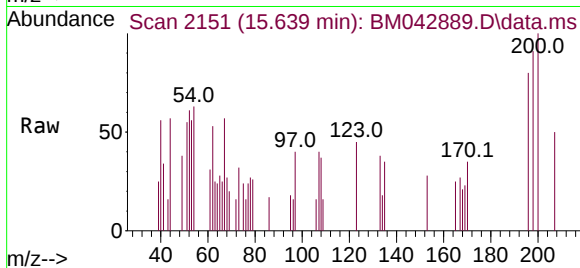




#66
4,6-Dinitro-2-methylphenol
Concen: 1.124 ng/ul
RT: 15.639 min Scan# 2150
Delta R.T. 0.012 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

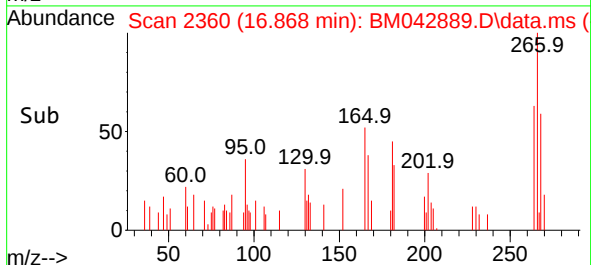
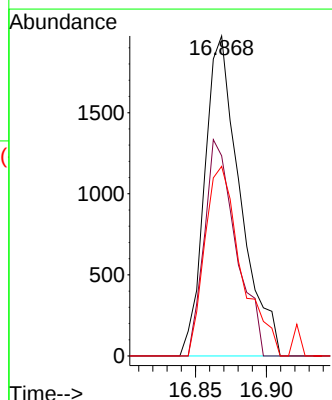
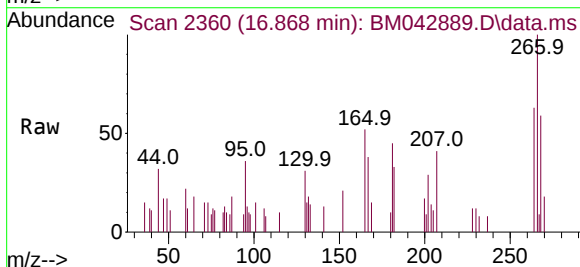
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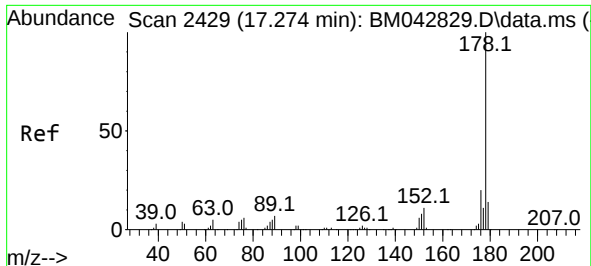
Tgt Ion:198 Resp: 1248
Ion Ratio Lower Upper
198 100
182 0.0 3.4 5.0#
77 26.4 26.9 40.3#



#71
Pentachlorophenol
Concen: 2.538 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. 0.006 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

Tgt Ion:266 Resp: 3425
Ion Ratio Lower Upper
266 100
264 62.5 50.3 75.5
268 59.2 52.1 78.1

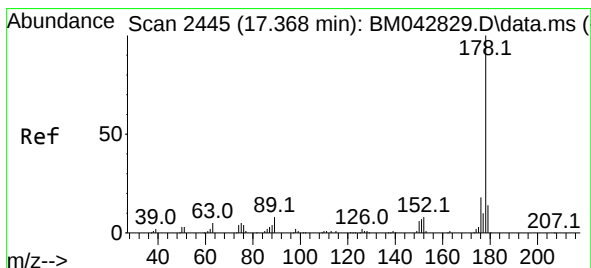
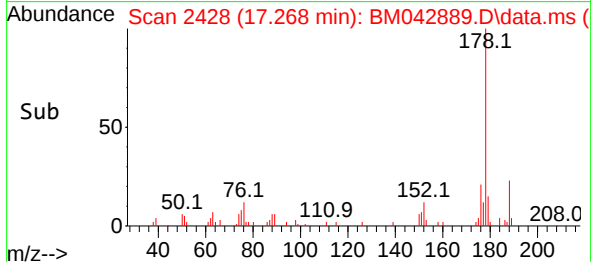
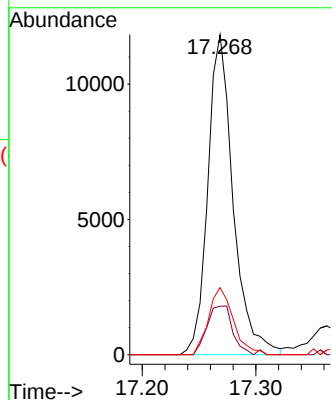
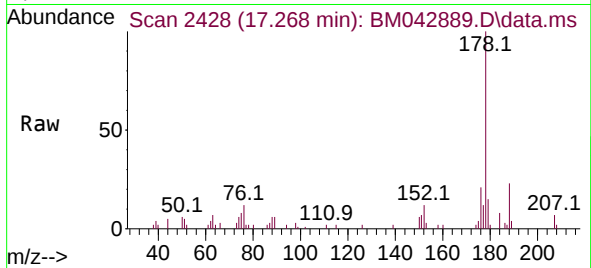




#72
Phenanthrene
Concen: 2.038 ng/ul
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

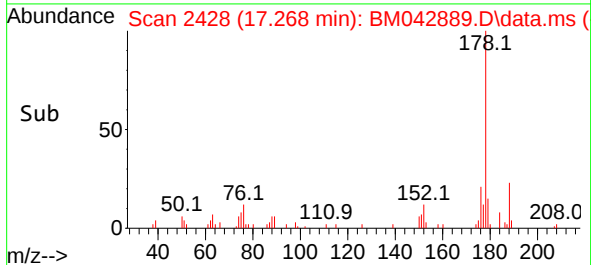
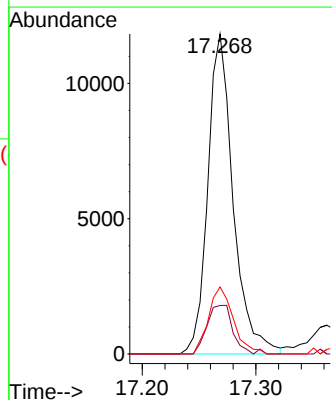
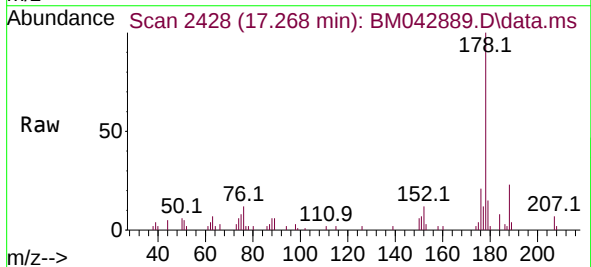
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BNA_M
ClientSampleId :

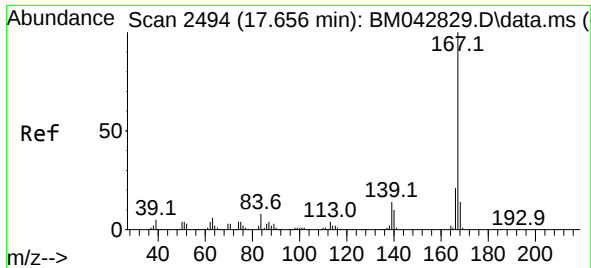
Tgt Ion:178 Resp: 18336
Ion Ratio Lower Upper
178 100
179 15.1 11.4 17.2
176 21.0 15.5 23.3



#74
Anthracene
Concen: 2.026 ng/ul
RT: 17.268 min Scan# 2428
Delta R.T. -0.094 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

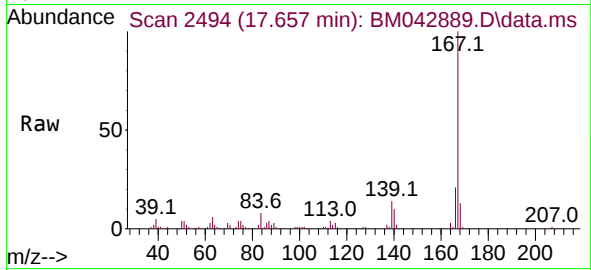
Tgt Ion:178 Resp: 18336
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 21.0 15.7 23.5





#77
 Carbazole
 Concen: 14.395 ng/ul
 RT: 17.657 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM042889.D
 Acq: 18 Nov 2023 19:45

Instrument :
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 ClientSampleId :



Tgt Ion:167 Resp: 107585

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	14.0	10.8	16.2

