

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036217.D
 Acq On : 11 Aug 2022 19:59
 Operator : CG/JU
 Sample : N4102-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FILTER-DRUM-0808

Quant Time: Aug 12 02:18:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

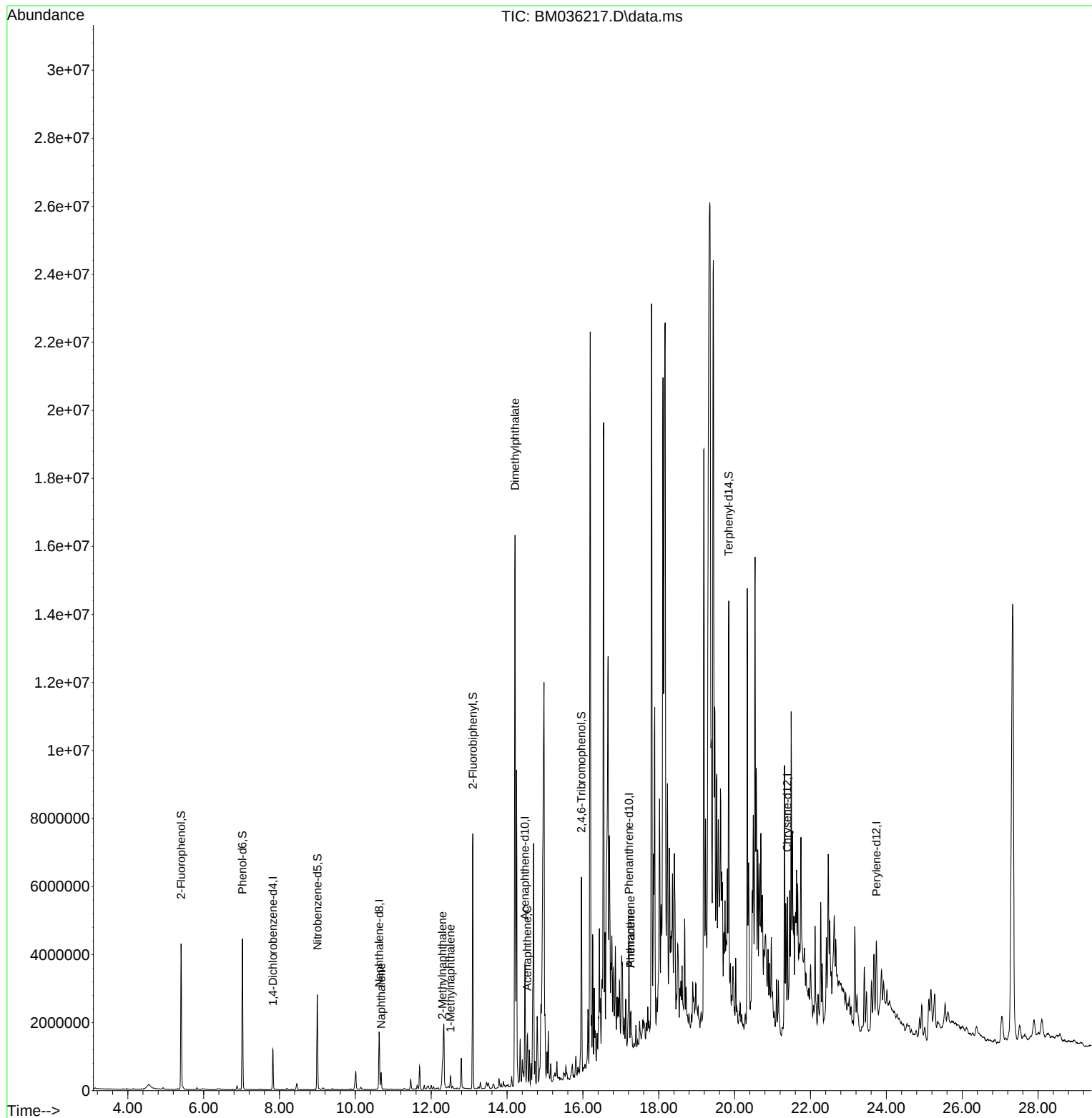
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	323354	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	1416361	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	871720	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1721329	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1327548	20.000	ng	0.00
86) Perylene-d12	23.739	264	1181829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1846376	92.575	ng	-0.01
7) Phenol-d6	7.022	99	2505600	98.731	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1571275	62.099	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1022523	99.988	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3693187	62.553	ng	0.00
79) Terphenyl-d14	19.845	244	5049837	75.029	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.681	128	405728	5.762	ng	100
37) 2-Methylnaphthalene	12.292	142	219338	4.681	ng	98
38) 1-Methylnaphthalene	12.510	142	162515	3.541	ng	100
50) Dimethylphthalate	14.210	163	769871	12.987	ng	# 94
52) Acenaphthene	14.533	154	113661	2.312	ng	96
71) Phenanthrene	17.257	178	304632	3.474	ng	98
72) Anthracene	17.257	178	304632	3.588	ng	97

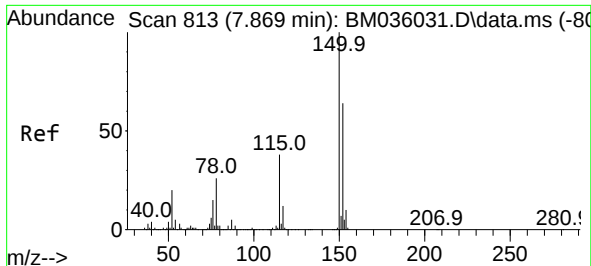
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
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Quant Time: Aug 12 02:18:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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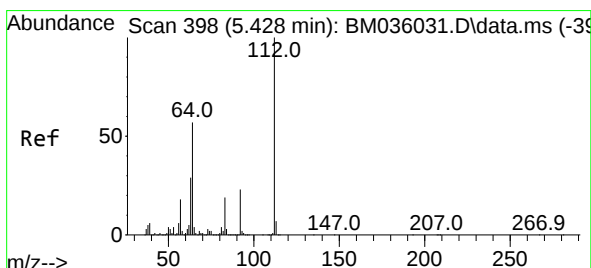
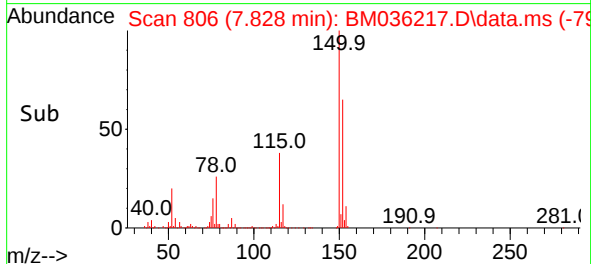
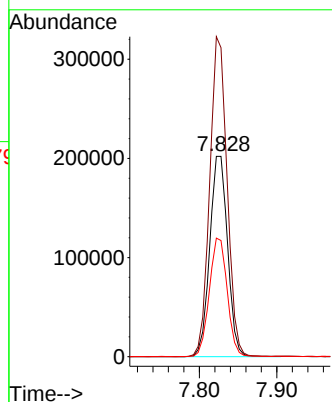
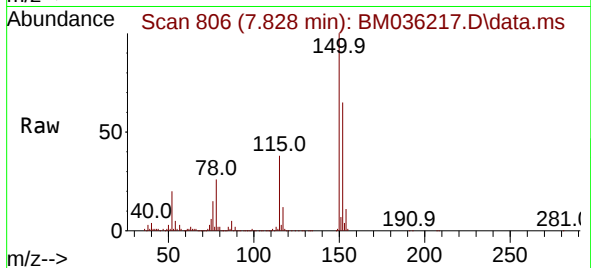




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

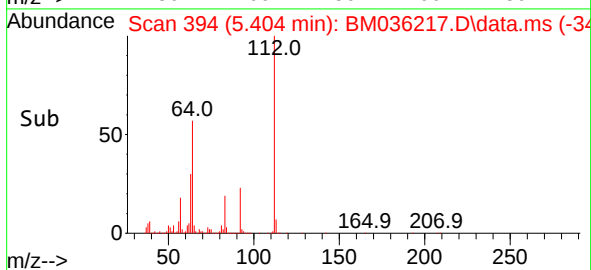
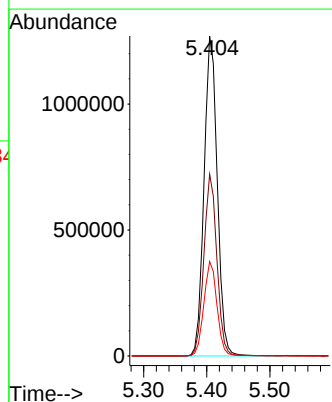
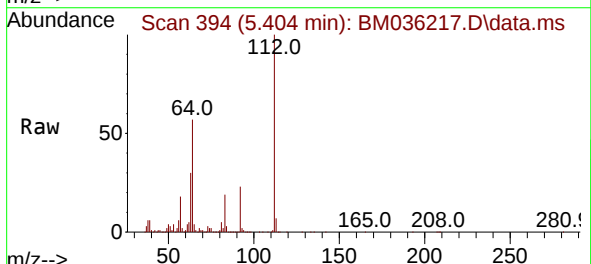
Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:152 Resp: 323354
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 58.0 47.9 71.9



#5
2-Fluorophenol
Concen: 92.575 ng
RT: 5.404 min Scan# 394
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:112 Resp: 1846376
Ion Ratio Lower Upper
112 100
64 56.8 47.8 71.6
63 29.5 26.6 40.0

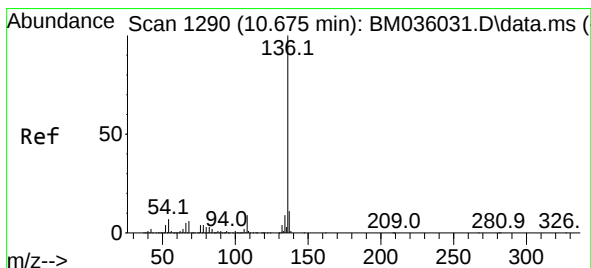
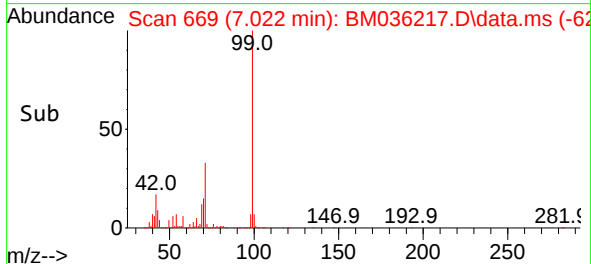
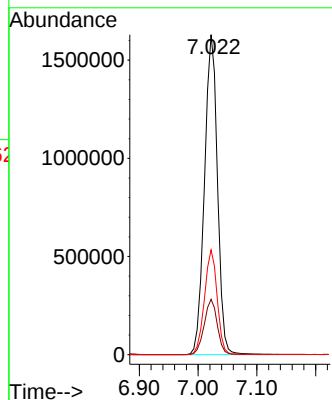
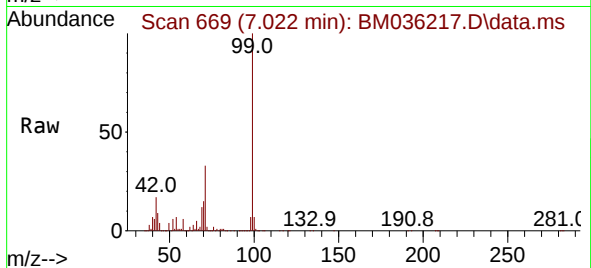




#7
Phenol-d6
Concen: 98.731 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

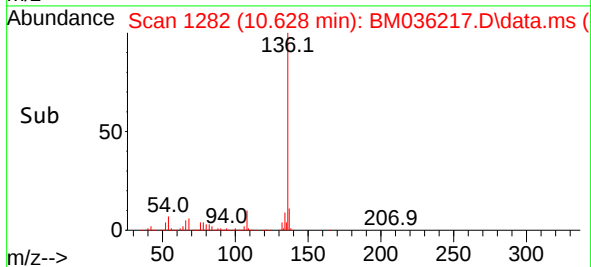
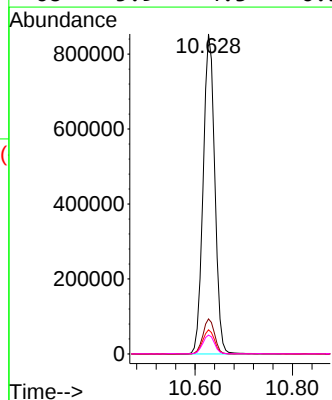
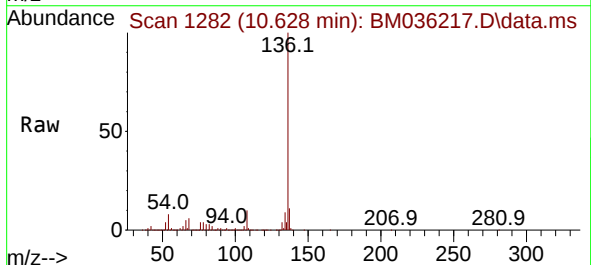
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BNA_M
ClientSampleId :
FILTER-DRUM-0808

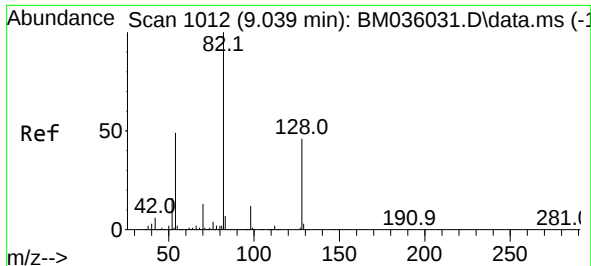
Tgt Ion: 99 Resp: 2505600
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion: 136 Resp: 1416361
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 7.0 10.4
68 5.9 4.3 6.5

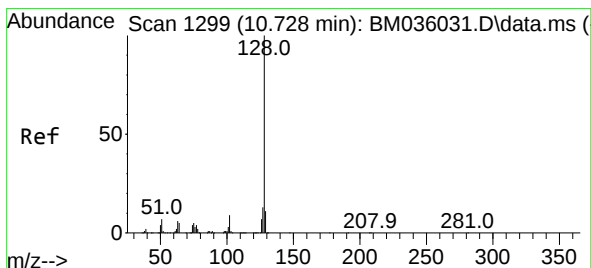
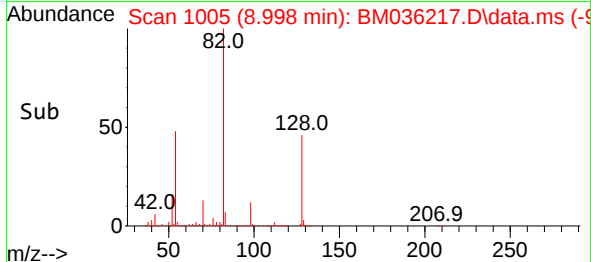
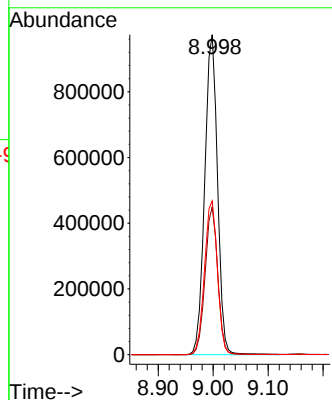
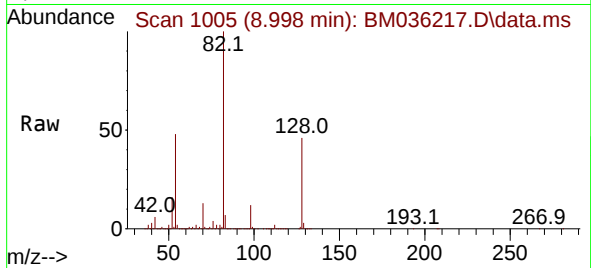




#23
 Nitrobenzene-d5
 Concen: 62.099 ng
 RT: 8.998 min Scan# 1005
 Delta R.T. -0.006 min
 Lab File: BM036217.D
 Acq: 11 Aug 2022 19:59

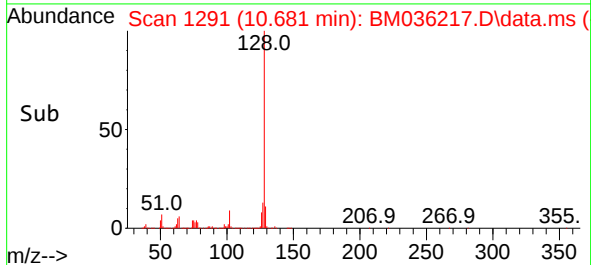
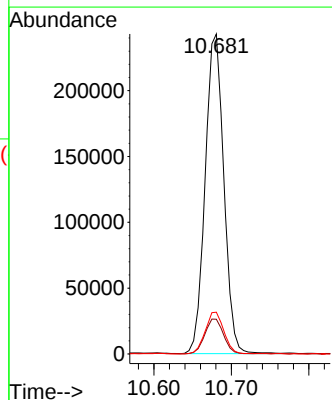
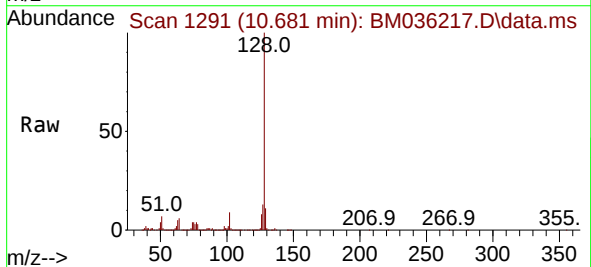
Instrument :
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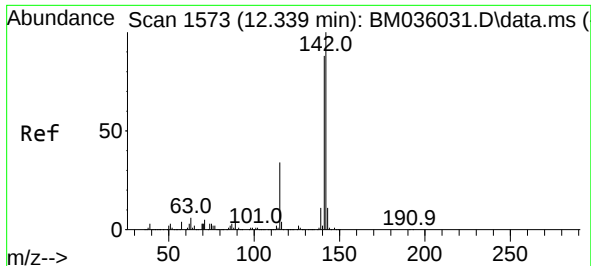
Tgt Ion: 82 Resp: 1571275
 Ion Ratio Lower Upper
 82 100
 128 46.2 33.7 50.5
 54 48.1 43.2 64.8



#31
 Naphthalene
 Concen: 5.762 ng
 RT: 10.681 min Scan# 1291
 Delta R.T. -0.006 min
 Lab File: BM036217.D
 Acq: 11 Aug 2022 19:59

Tgt Ion: 128 Resp: 405728
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.7 13.1
 127 13.1 10.6 16.0

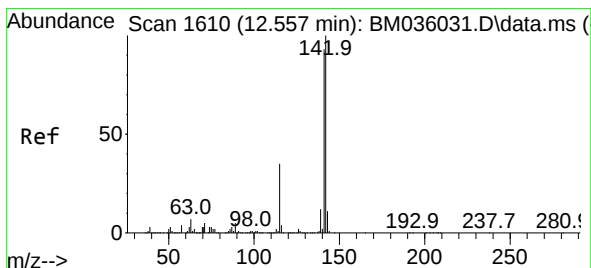
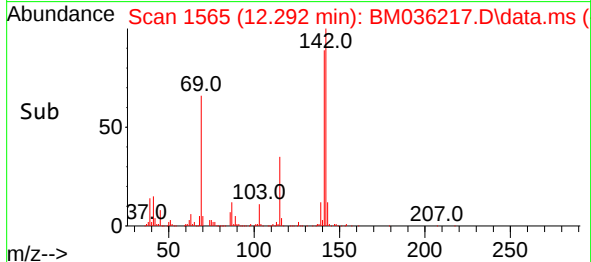
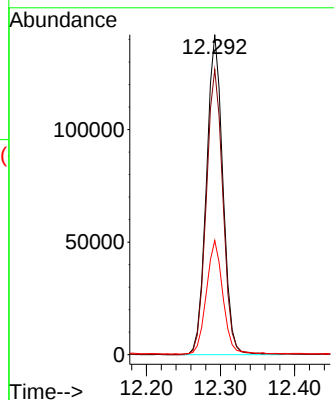
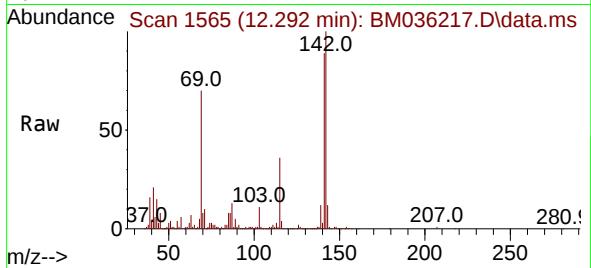




#37
2-Methylnaphthalene
Concen: 4.681 ng
RT: 12.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

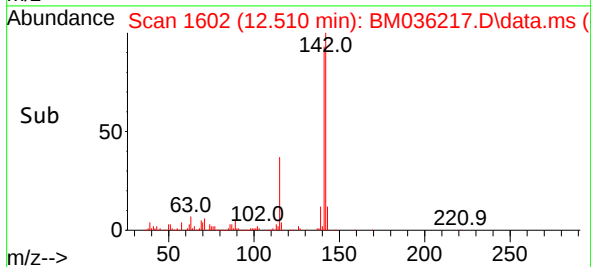
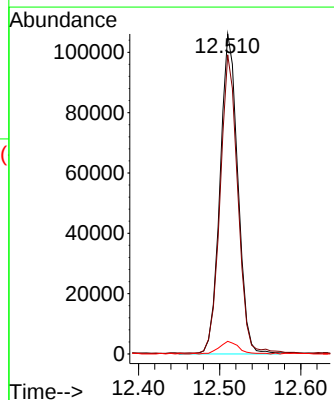
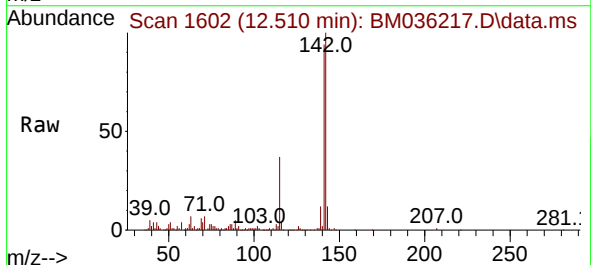
Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

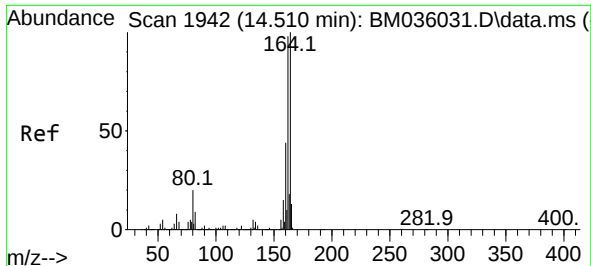
Tgt Ion:142 Resp: 219338
Ion Ratio Lower Upper
142 100
141 89.1 72.4 108.6
115 35.7 29.6 44.4



#38
1-Methylnaphthalene
Concen: 3.541 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:142 Resp: 162515
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4
116 3.9 3.4 5.2

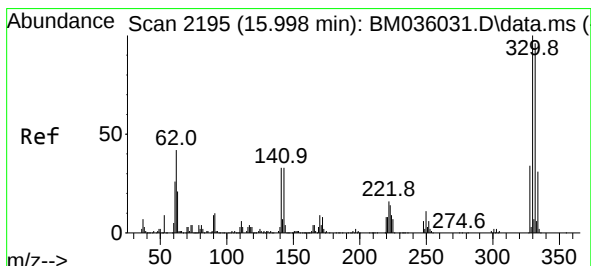
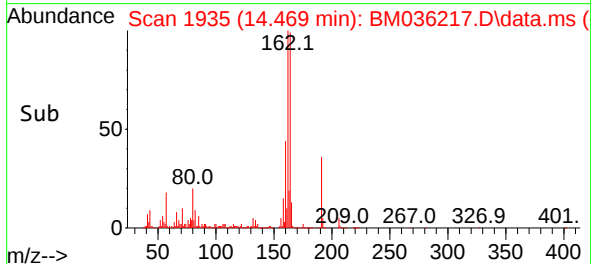
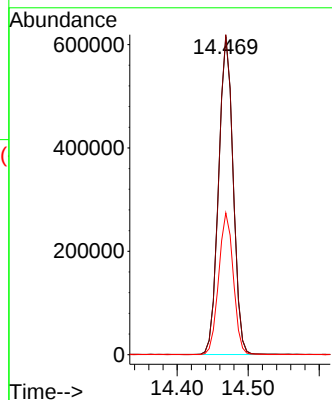
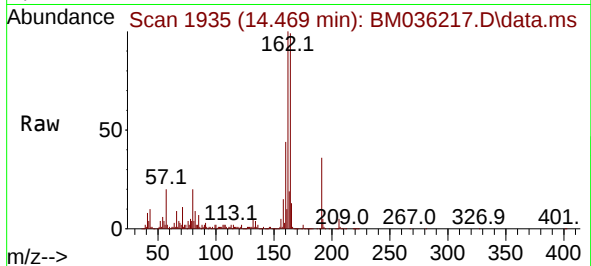




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

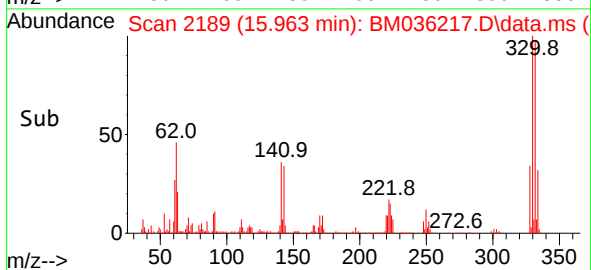
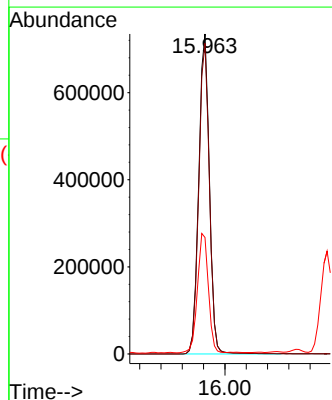
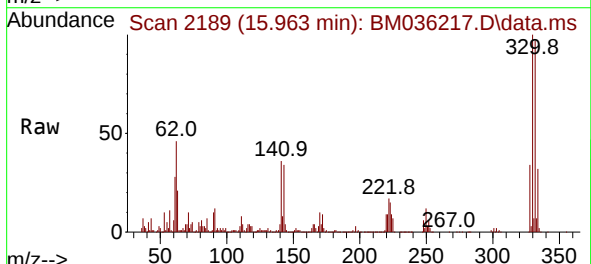
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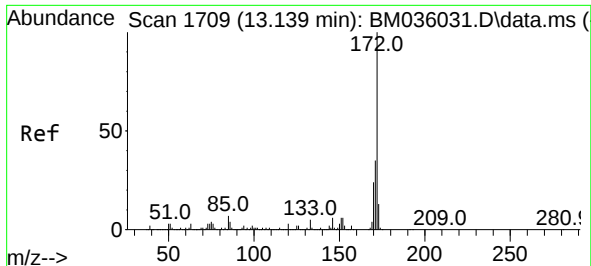
Tgt Ion:164 Resp: 871720
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.6
160 44.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 99.988 ng
RT: 15.963 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:330 Resp: 1022523
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 38.3 35.3 52.9

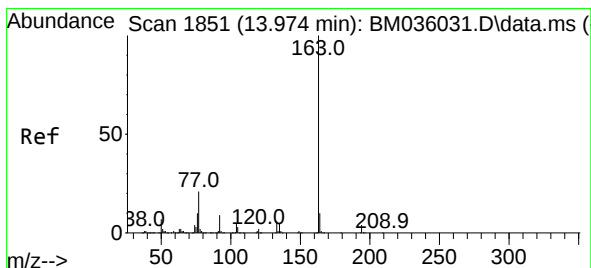
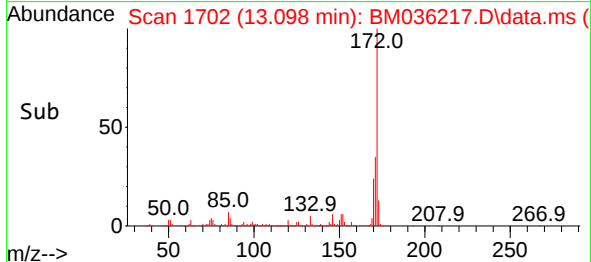
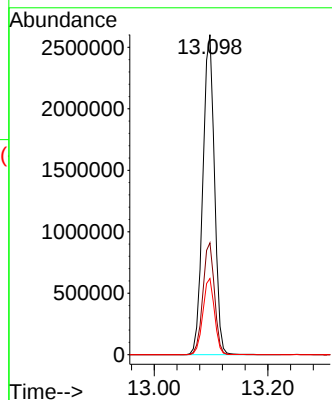
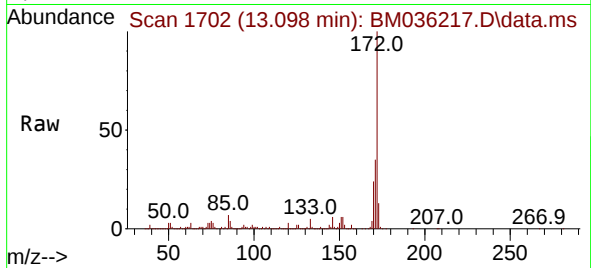




#45
2-Fluorobiphenyl
Concen: 62.553 ng
RT: 13.098 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

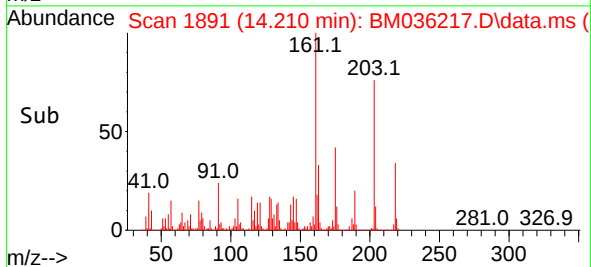
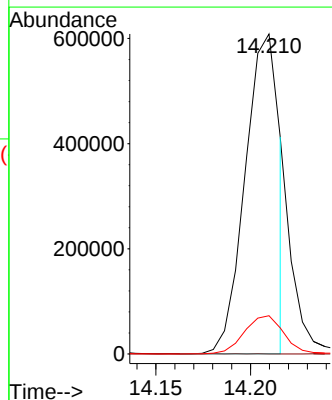
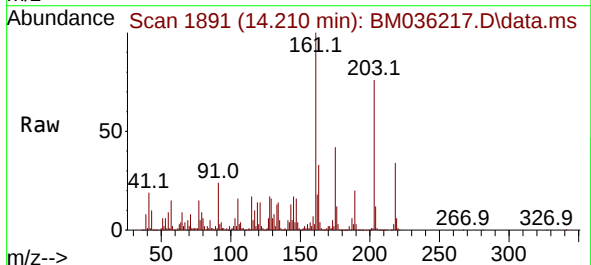
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BNA_M
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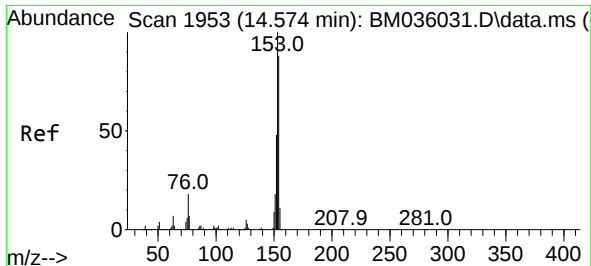
Tgt Ion:172 Resp: 3693187
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.8 18.7 28.1



#50
Dimethylphthalate
Concen: 12.987 ng
RT: 14.210 min Scan# 1891
Delta R.T. 0.265 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

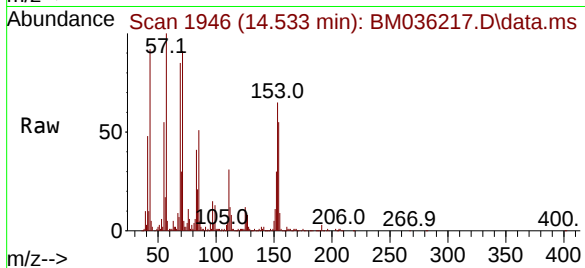
Tgt Ion:163 Resp: 769871
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 11.9 8.4 12.6



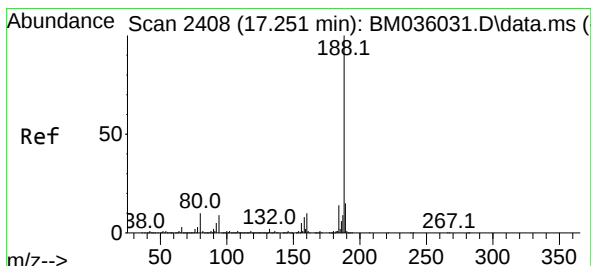
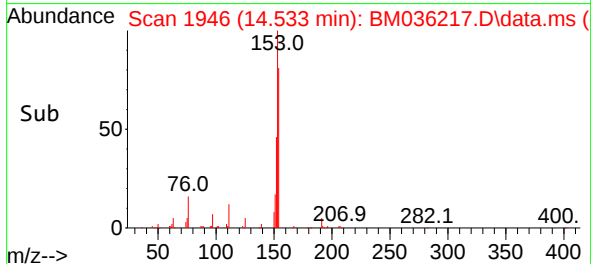
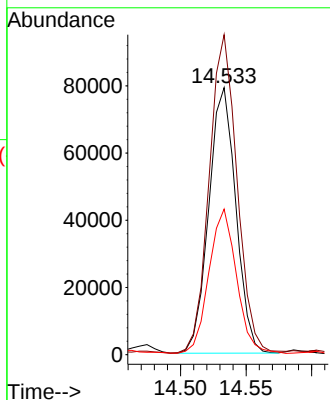


#52
Acenaphthene
Concen: 2.312 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

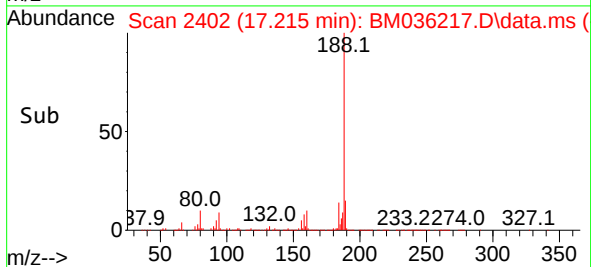
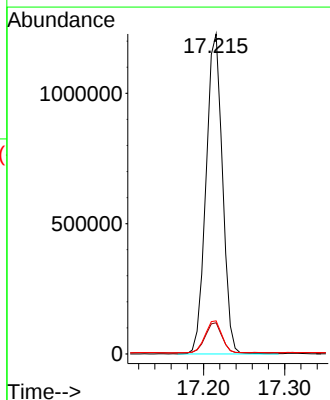
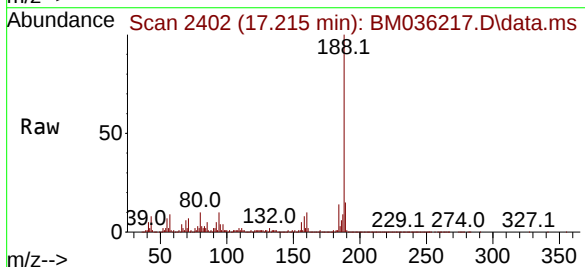


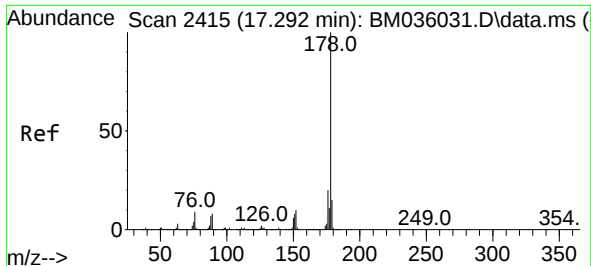
Tgt Ion:154 Resp: 113661
Ion Ratio Lower Upper
154 100
153 119.9 91.0 136.6
152 54.6 43.4 65.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:188 Resp: 1721329
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.4 7.6 11.4

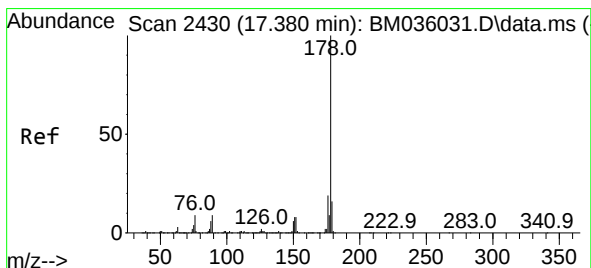
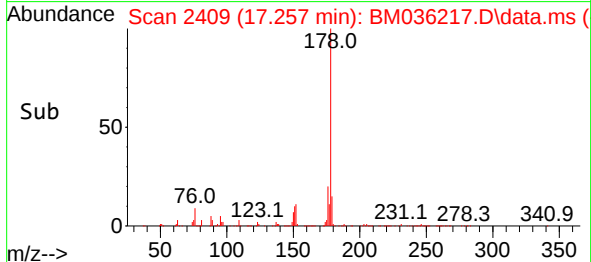
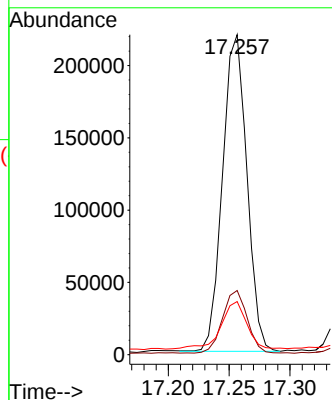
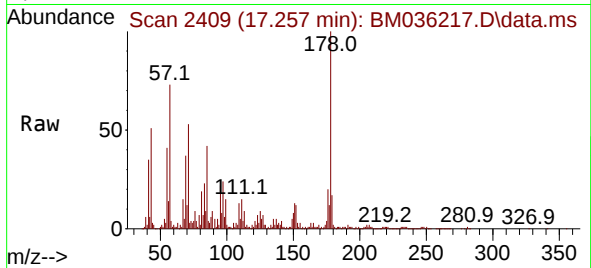




#71
 Phenanthrene
 Concen: 3.474 ng
 RT: 17.257 min Scan# 2415
 Delta R.T. -0.006 min
 Lab File: BM036217.D
 Acq: 11 Aug 2022 19:59

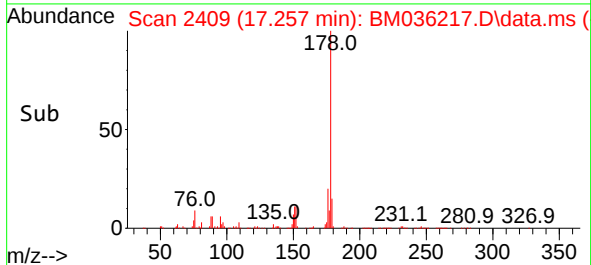
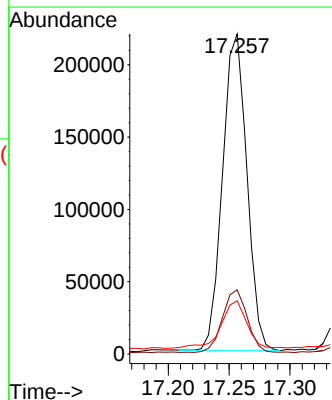
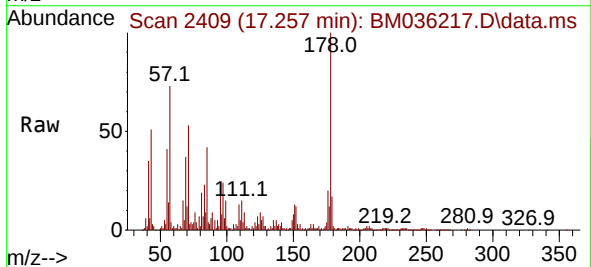
Instrument :
 BNA_M
 ClientSampleId :
 FILTER-DRUM-0808

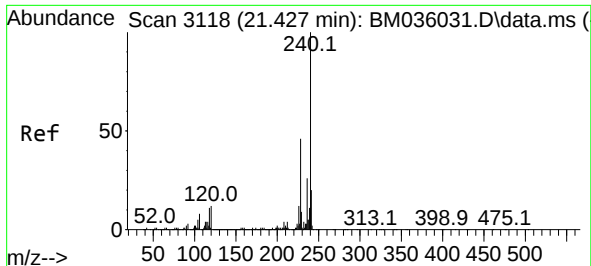
Tgt Ion:178 Resp: 304632
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.0
 179 16.6 12.4 18.6



#72
 Anthracene
 Concen: 3.588 ng
 RT: 17.257 min Scan# 2409
 Delta R.T. -0.094 min
 Lab File: BM036217.D
 Acq: 11 Aug 2022 19:59

Tgt Ion:178 Resp: 304632
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.0 22.4
 179 16.6 12.2 18.2

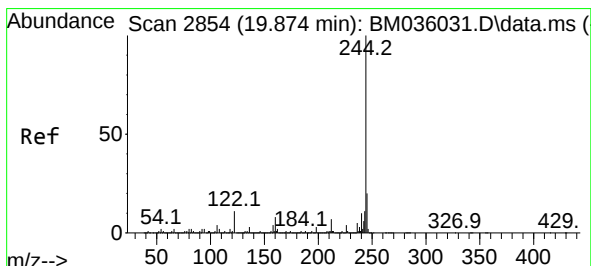
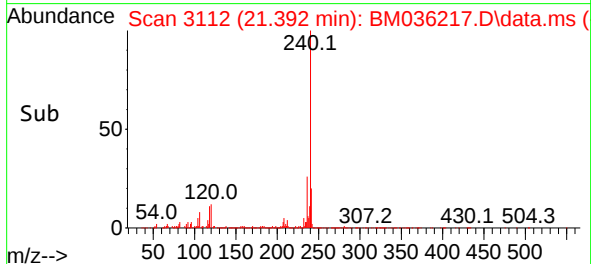
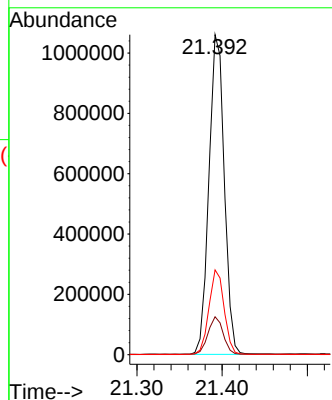
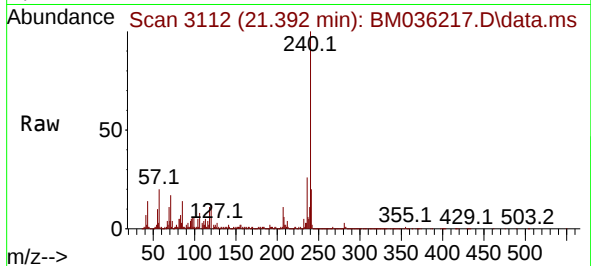




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

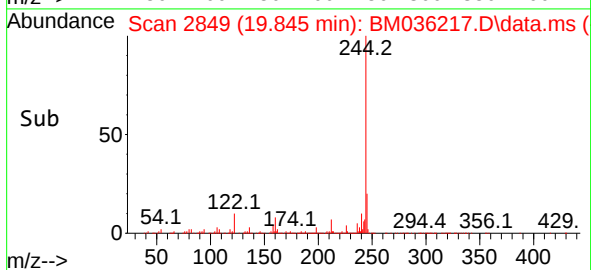
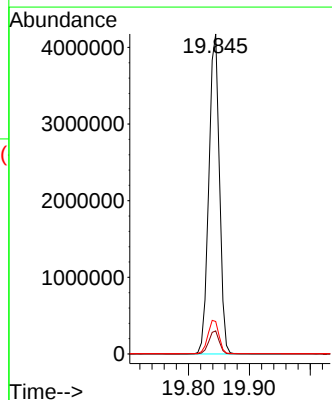
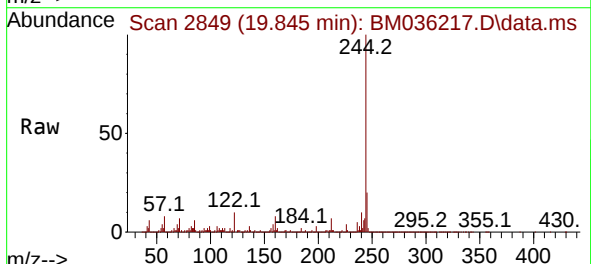
Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

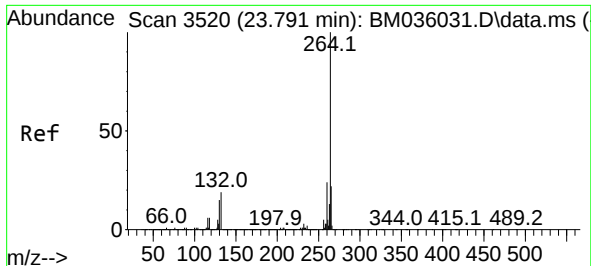
Tgt Ion:240 Resp: 1327548
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.0
236 26.5 20.6 30.8



#79
Terphenyl-d14
Concen: 75.029 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:244 Resp: 5049837
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 10.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036217.D

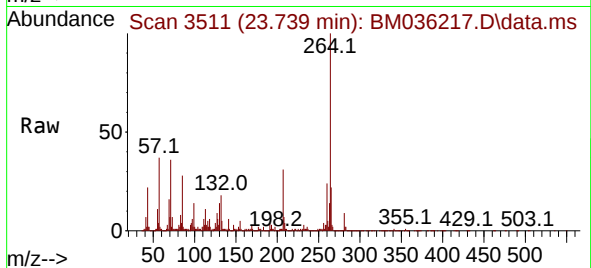
Acq: 11 Aug 2022 19:59

Instrument :

BNA_M

ClientSampleId :

FILTER-DRUM-0808



Tgt Ion:264 Resp: 1181829

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.4 17.5 26.3

