

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036124.D
 Acq On : 05 Aug 2022 18:07
 Operator : CG/JU
 Sample : N4023-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP1-1-6

Quant Time: Aug 06 01:12:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	248269	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	964761	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	523250	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1004188	20.000	ng	0.00
76) Chrysene-d12	21.415	240	865448	20.000	ng	0.00
86) Perylene-d12	23.768	264	483431	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2252369	147.085	ng	0.00
7) Phenol-d6	7.028	99	2490318	127.806	ng	0.00
23) Nitrobenzene-d5	9.022	82	1821539	105.688	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	980964	159.807	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	3741592	105.578	ng	0.00
79) Terphenyl-d14	19.856	244	4901912	111.719	ng	-0.01

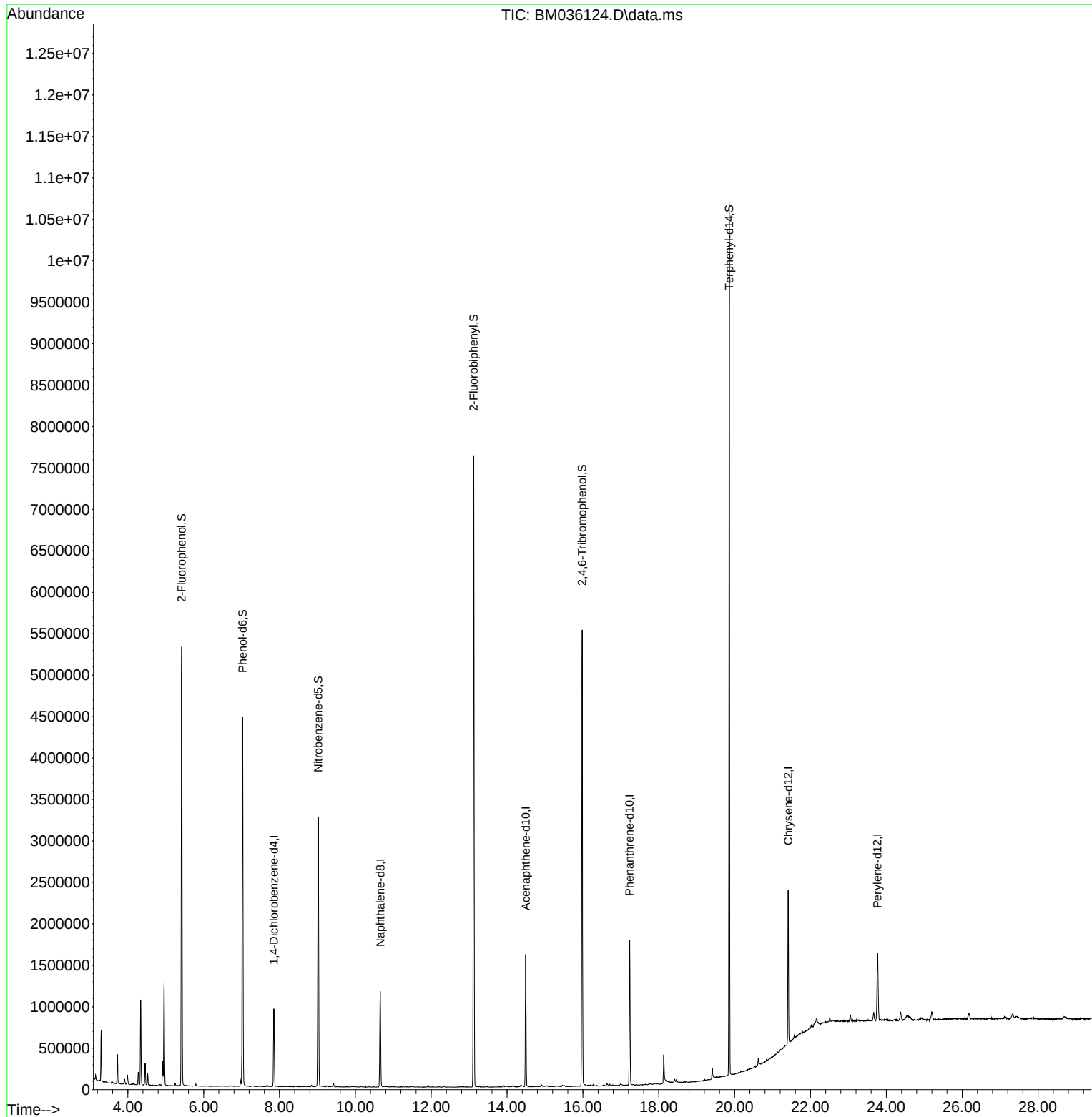
Target Compounds	Qvalue

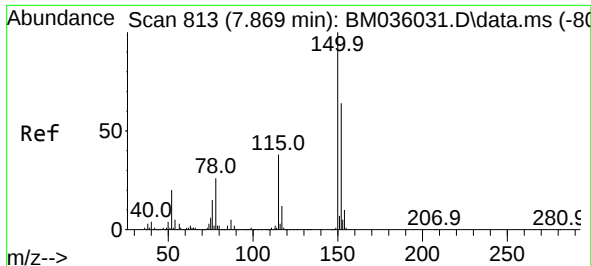
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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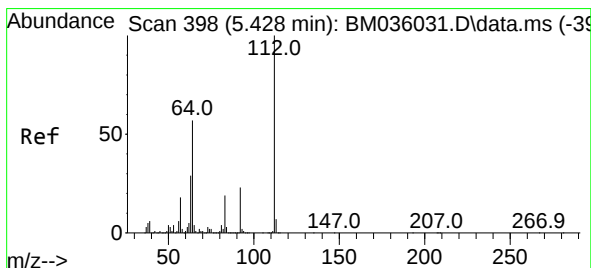
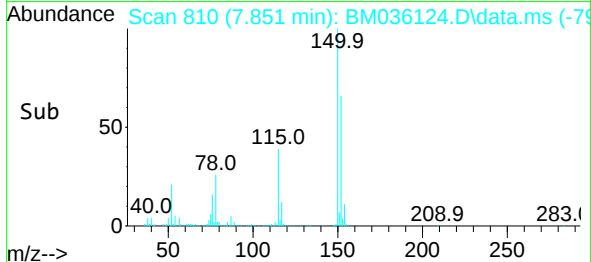
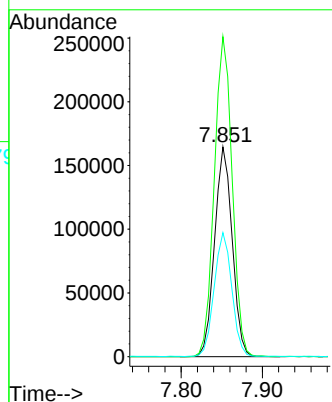
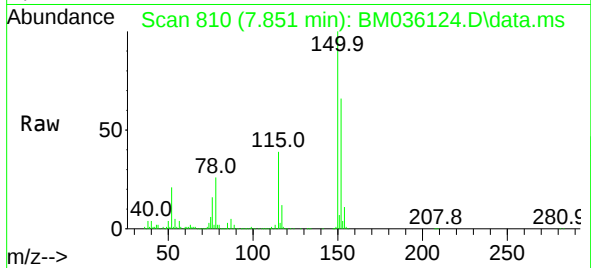




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

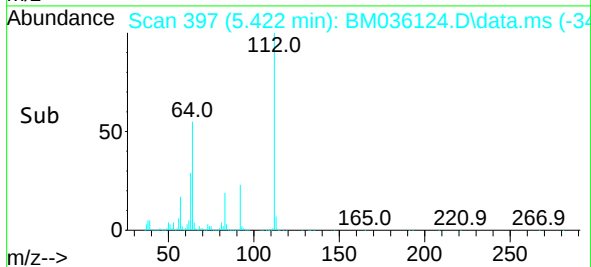
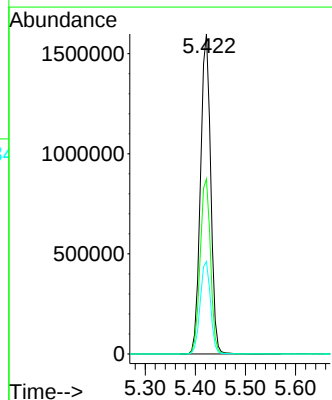
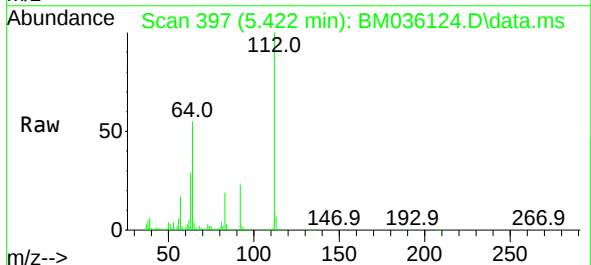
Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Tgt Ion:152 Resp: 248269
Ion Ratio Lower Upper
152 100
150 152.5 124.9 187.3
115 59.1 47.9 71.9



#5
2-Fluorophenol
Concen: 147.085 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

Tgt Ion:112 Resp: 2252369
Ion Ratio Lower Upper
112 100
64 54.7 47.8 71.6
63 28.9 26.6 40.0

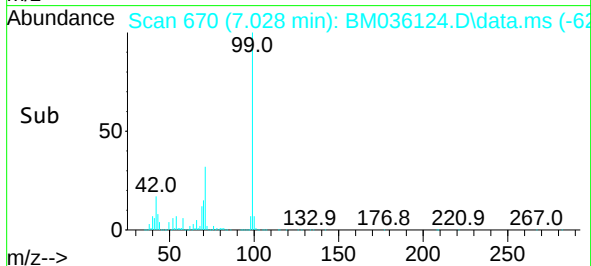
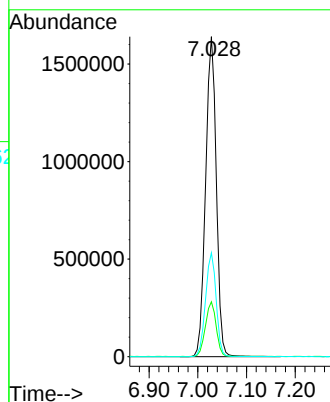
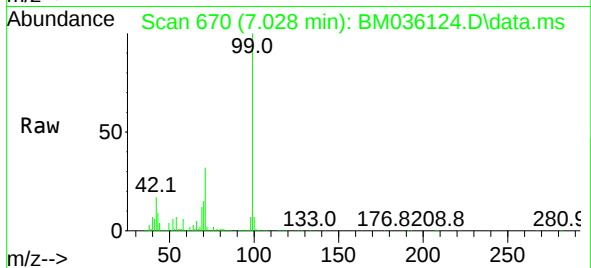




#7
Phenol-d6
Concen: 127.806 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

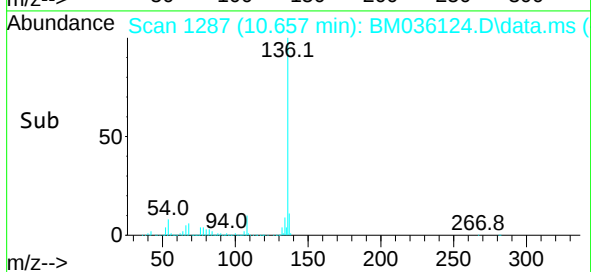
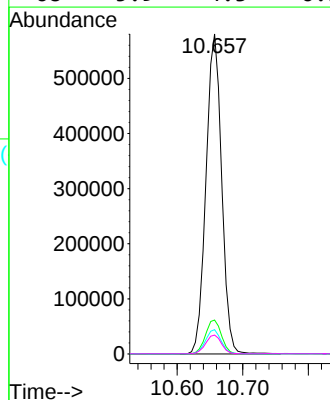
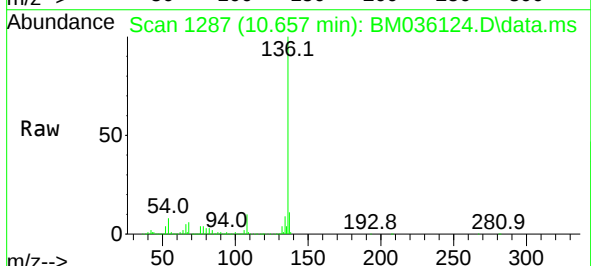
Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Tgt Ion: 99 Resp: 2490318
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

Tgt Ion: 136 Resp: 964761
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

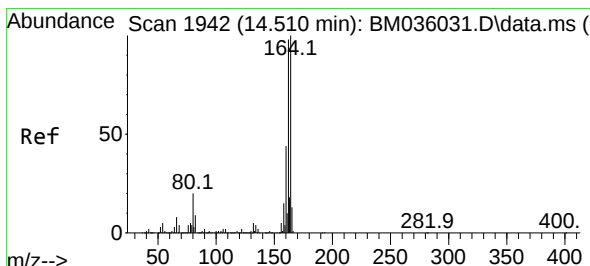
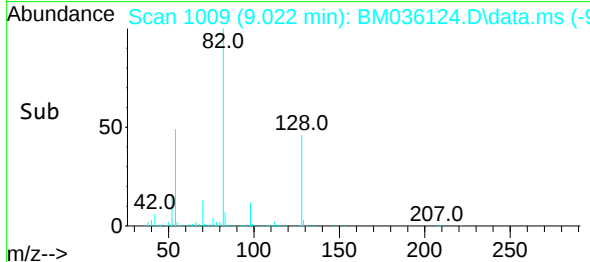
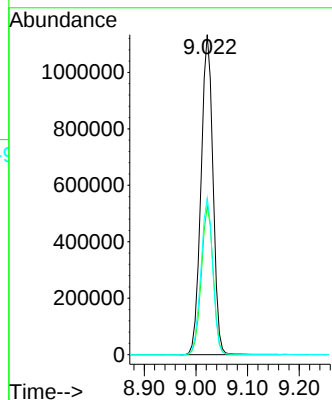
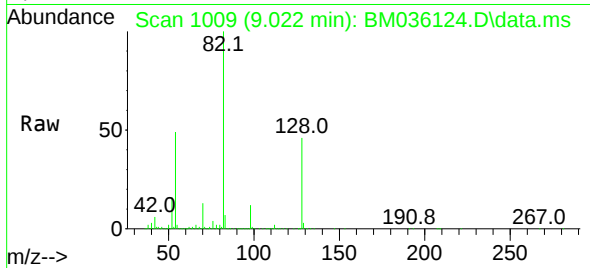




#23
 Nitrobenzene-d5
 Concen: 105.688 ng
 RT: 9.022 min Scan# 1009
 Delta R.T. -0.006 min
 Lab File: BM036124.D
 Acq: 05 Aug 2022 18:07

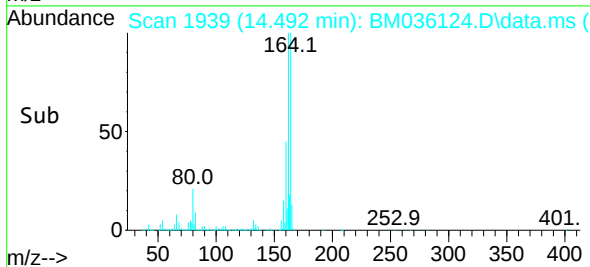
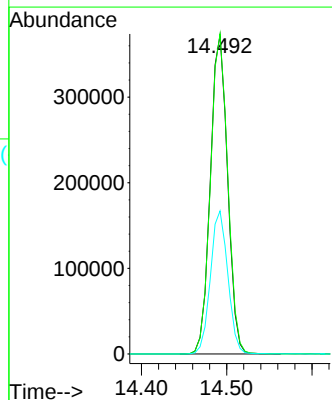
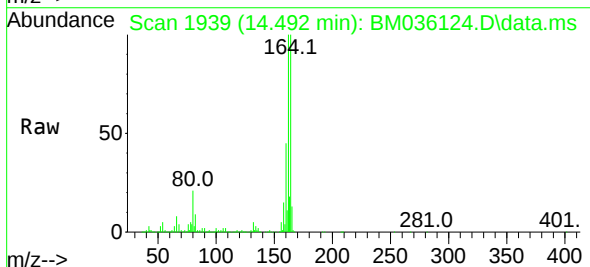
Instrument :
 BNA_M
 ClientSampleId :
 TP1-1-6

Tgt Ion: 82 Resp: 1821539
 Ion Ratio Lower Upper
 82 100
 128 46.4 33.7 50.5
 54 48.9 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.492 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM036124.D
 Acq: 05 Aug 2022 18:07

Tgt Ion:164 Resp: 523250
 Ion Ratio Lower Upper
 164 100
 162 100.4 83.0 124.6
 160 44.9 37.0 55.4

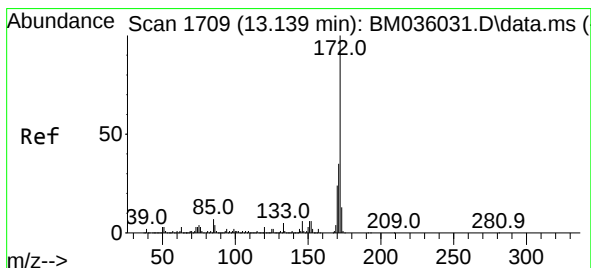
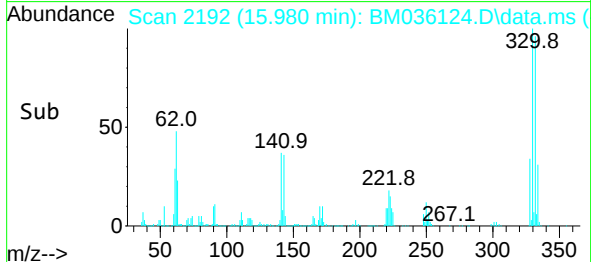
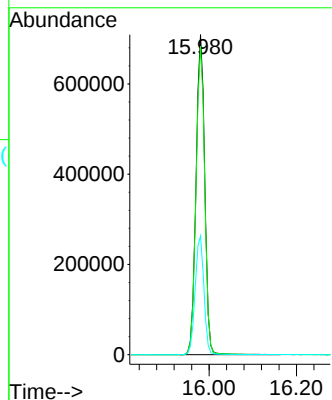
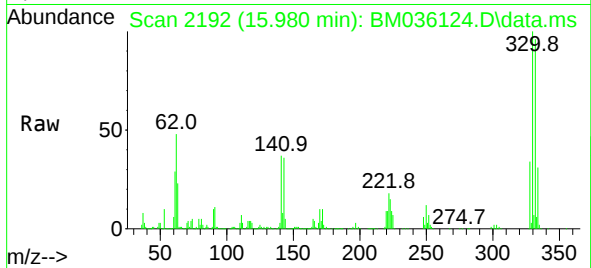




#42
2,4,6-Tribromophenol
Concen: 159.807 ng
RT: 15.980 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

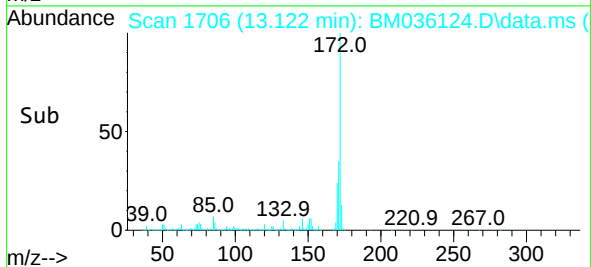
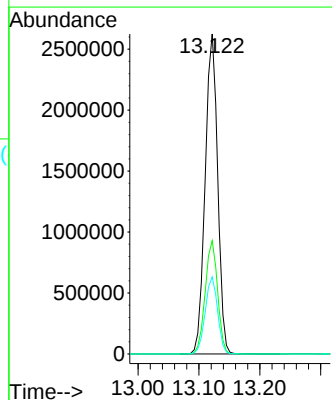
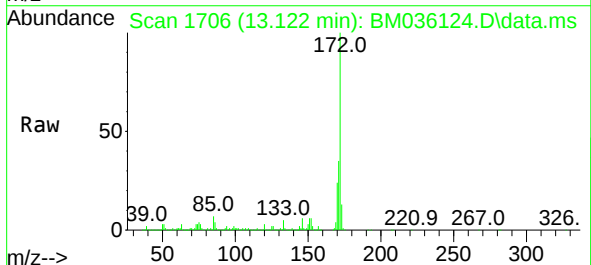
Instrument :
BNA_M
ClientSampleId :
TP1-1-6

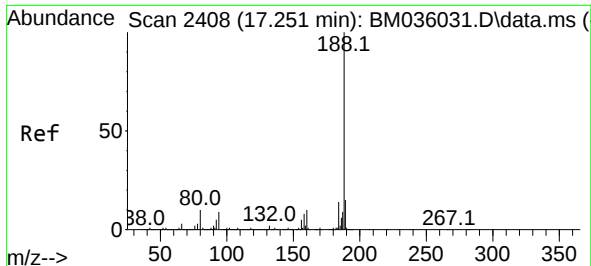
Tgt Ion:330 Resp: 980964
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 37.4 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 105.578 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

Tgt Ion:172 Resp: 3741592
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.1 18.7 28.1

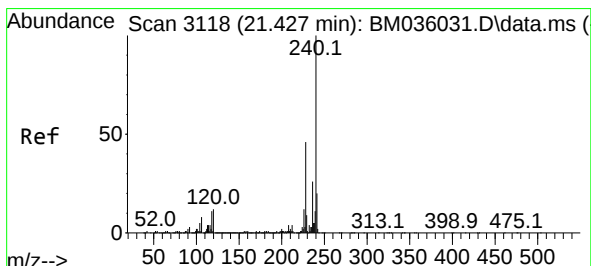
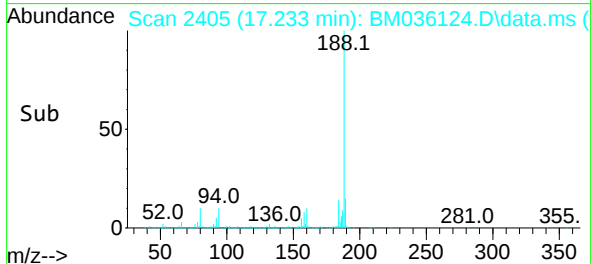
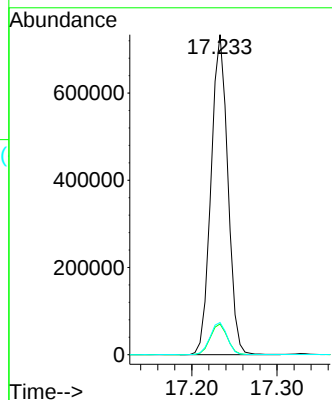
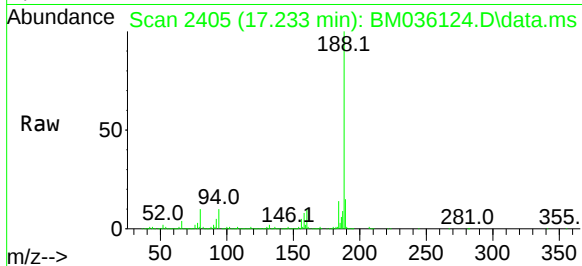




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

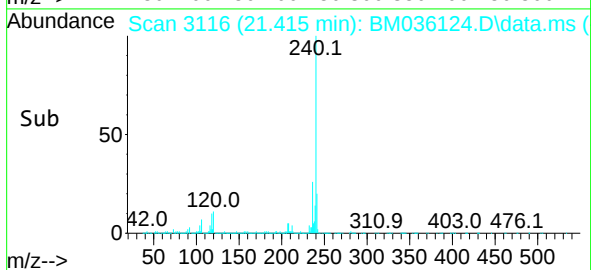
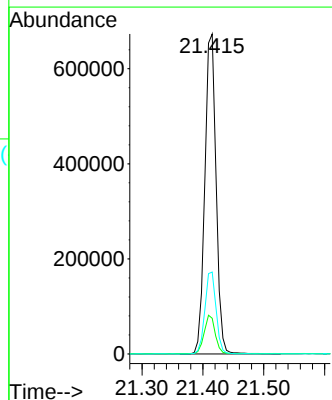
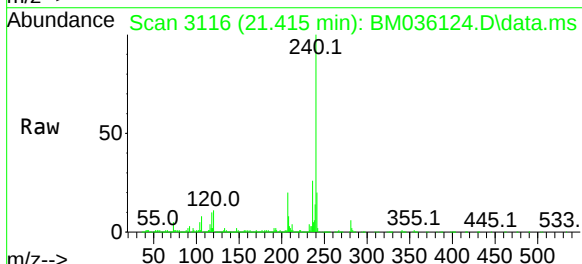
Instrument :
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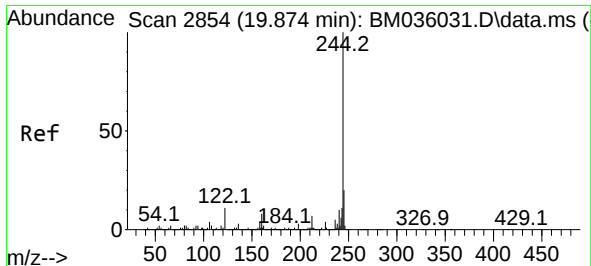
Tgt Ion:188 Resp: 1004188
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036124.D
Acq: 05 Aug 2022 18:07

Tgt Ion:240 Resp: 865448
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 25.6 20.6 30.8

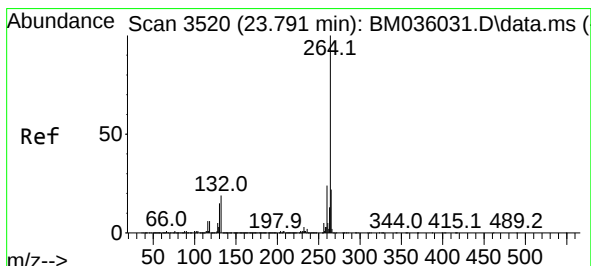
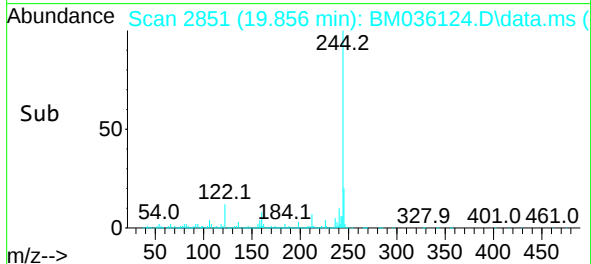
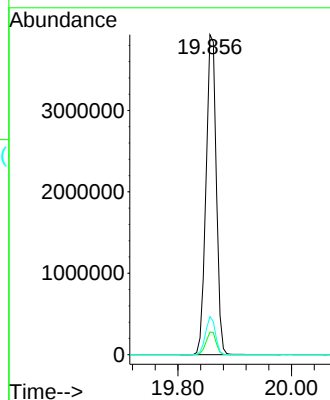
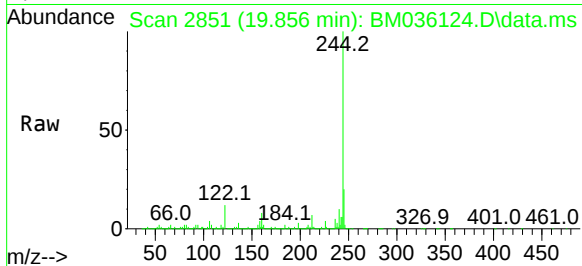




#79
 Terphenyl-d14
 Concen: 111.719 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM036124.D
 Acq: 05 Aug 2022 18:07

Instrument :
 BNA_M
 ClientSampleId :
 TP1-1-6

Tgt Ion:244 Resp: 4901912
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.018 min
 Lab File: BM036124.D
 Acq: 05 Aug 2022 18:07

Tgt Ion:264 Resp: 483431
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.9 28.3
 265 23.5 17.5 26.3

