

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041409.D
 Acq On : 15 Aug 2023 17:05
 Operator : MA/JU
 Sample : 03985-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PNNL-APM2-0811-1

Quant Time: Aug 16 01:11:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

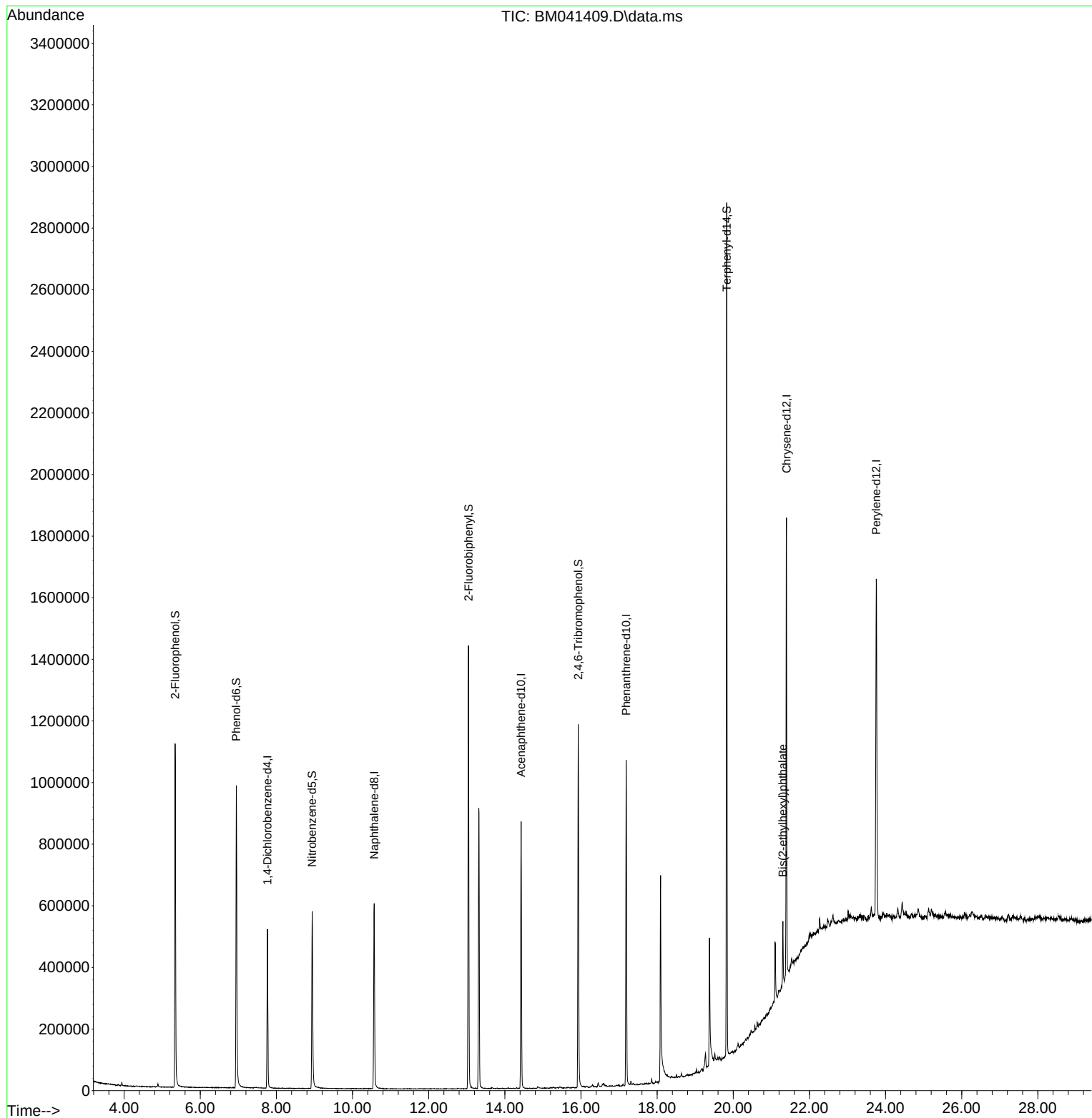
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	134721	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	488419	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	281363	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	627580	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	688788	20.000	ng	#-0.02
86) Perylene-d12	23.756	264	829713	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	467074	51.817	ng	0.00
7) Phenol-d6	6.946	99	572166	48.969	ng	-0.01
23) Nitrobenzene-d5	8.940	82	353063	33.617	ng	-0.01
42) 2,4,6-Tribromophenol	15.927	330	216621	54.431	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	714594	32.083	ng	-0.01
79) Terphenyl-d14	19.827	244	1205526	31.645	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.303	149	73262	5.023	ng	Qvalue # 99

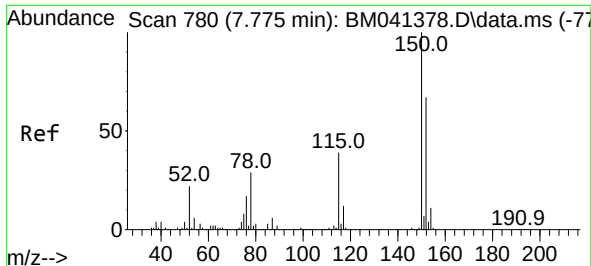
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
Data File : BM041409.D
Acq On : 15 Aug 2023 17:05
Operator : MA/JU
Sample : 03985-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

Quant Time: Aug 16 01:11:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

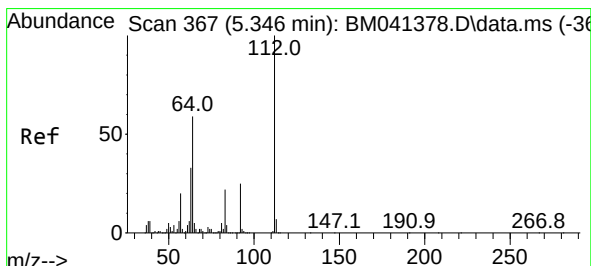
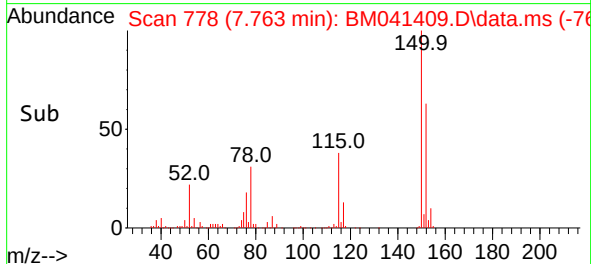
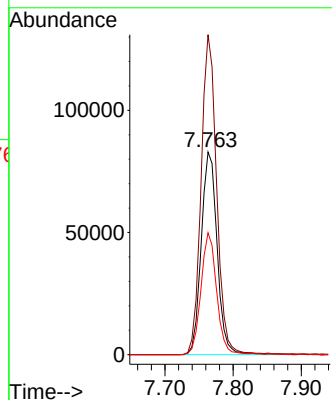
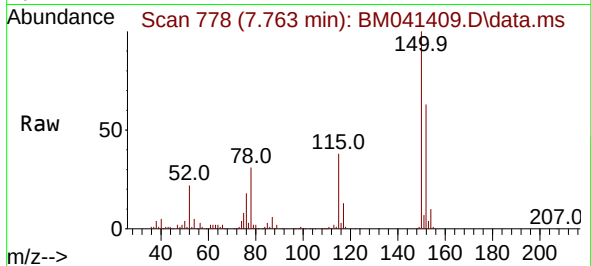




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

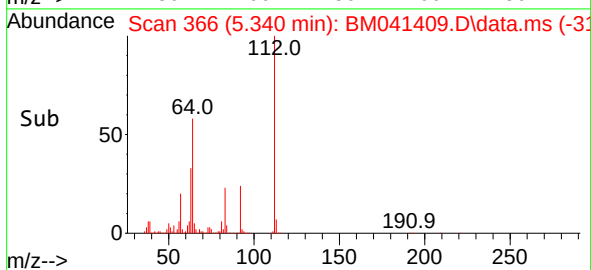
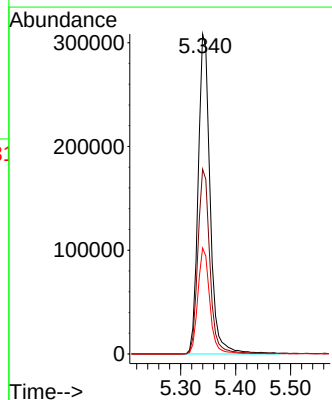
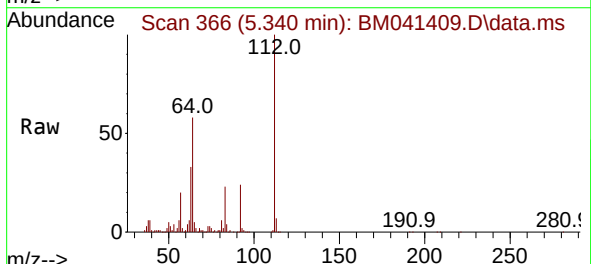
Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

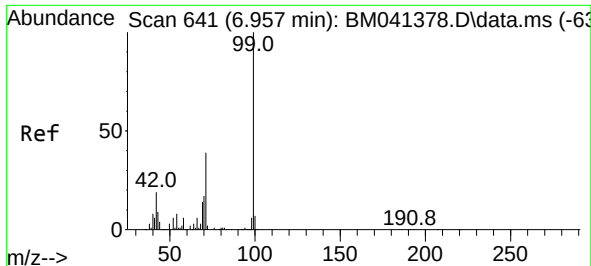
Tgt Ion:152 Resp: 134721
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 60.1 48.0 72.0



#5
2-Fluorophenol
Concen: 51.817 ng
RT: 5.340 min Scan# 366
Delta R.T. -0.006 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion:112 Resp: 467074
Ion Ratio Lower Upper
112 100
64 57.8 48.5 72.7
63 33.1 26.5 39.7

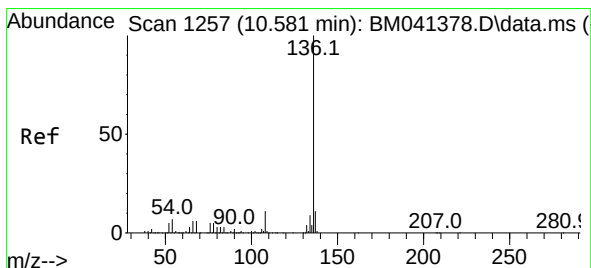
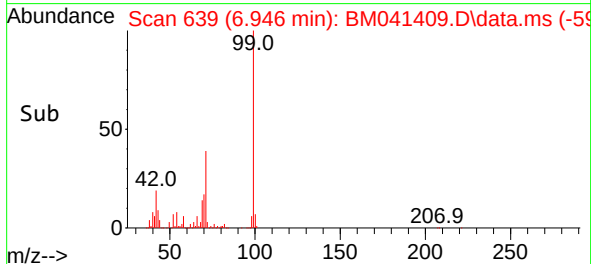
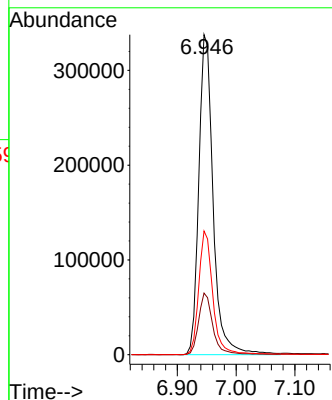
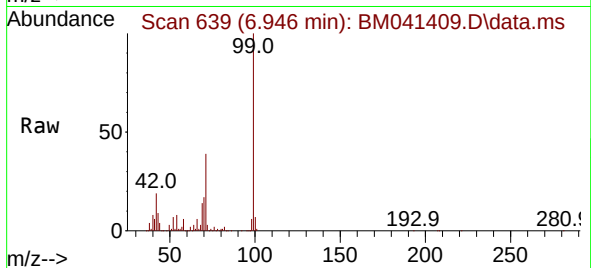




#7
Phenol-d6
Concen: 48.969 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

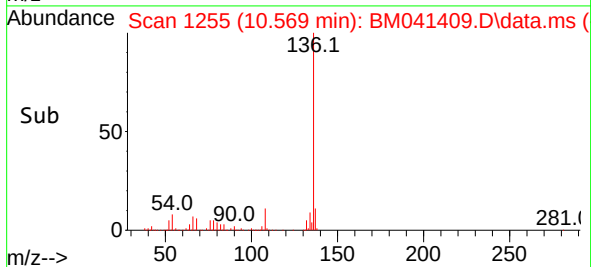
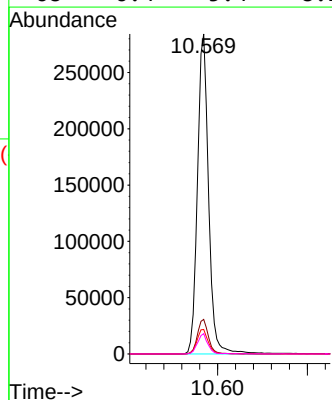
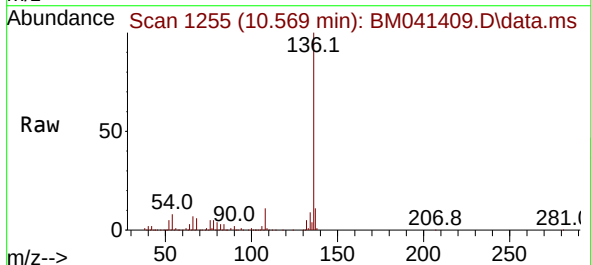
Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

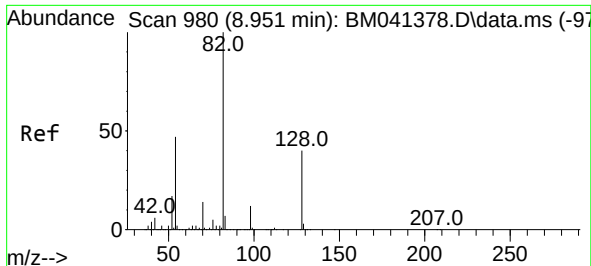
Tgt Ion: 99 Resp: 572166
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion: 136 Resp: 488419
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.9 10.3
68 6.4 5.4 8.2

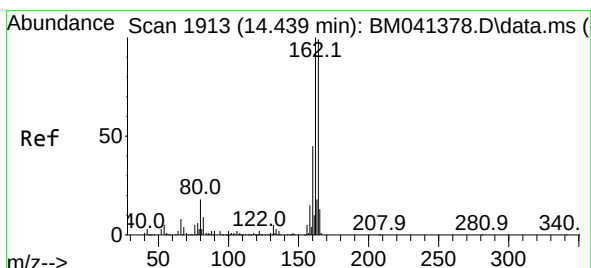
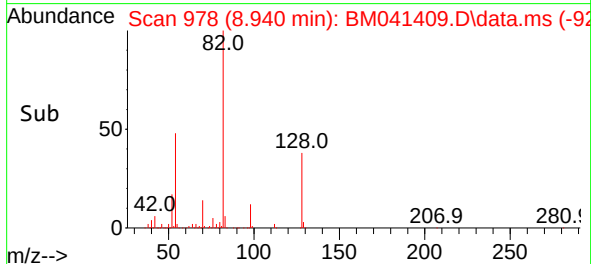
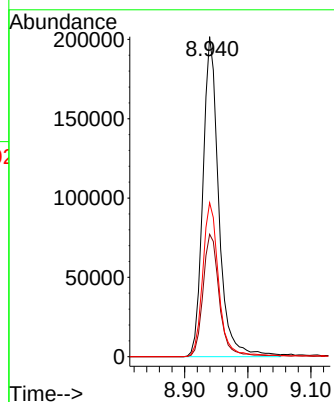
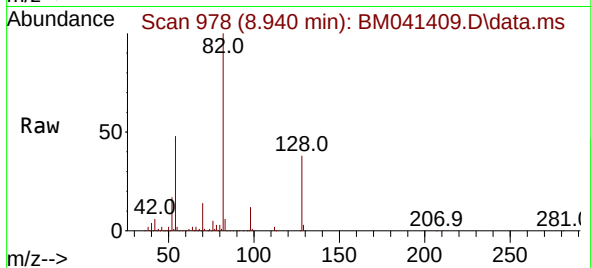




#23
Nitrobenzene-d5
Concen: 33.617 ng
RT: 8.940 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

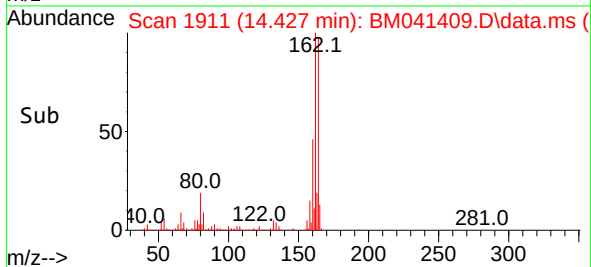
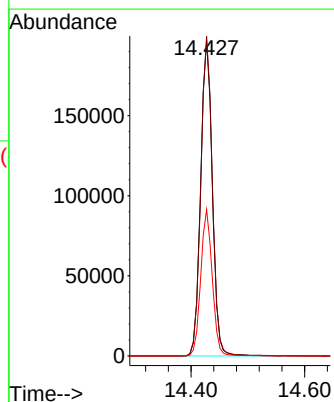
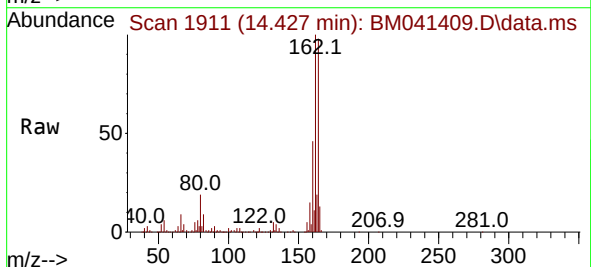
Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

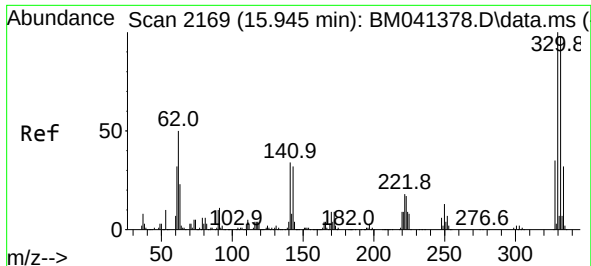
Tgt Ion: 82 Resp: 353063
Ion Ratio Lower Upper
82 100
128 38.3 31.8 47.6
54 48.1 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

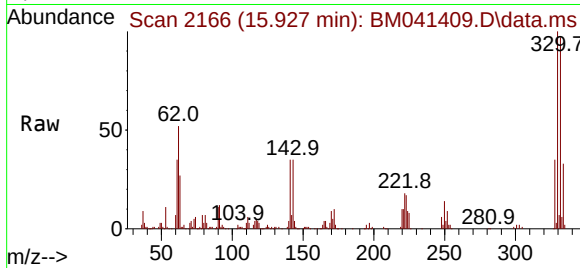
Tgt Ion: 164 Resp: 281363
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 46.5 36.2 54.2



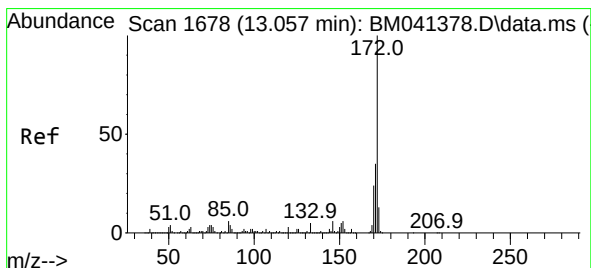
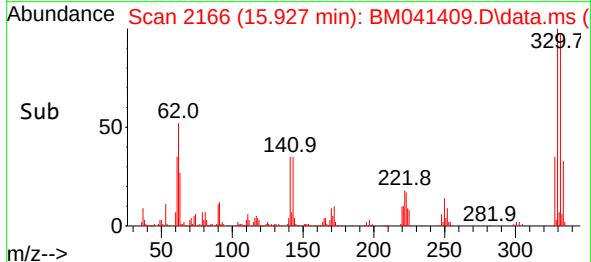
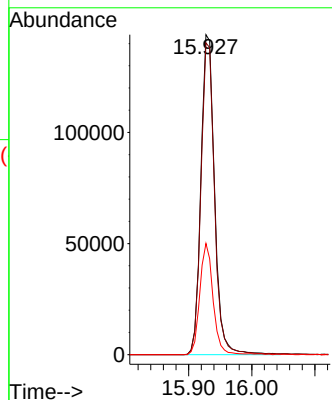


#42
2,4,6-Tribromophenol
Concen: 54.431 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

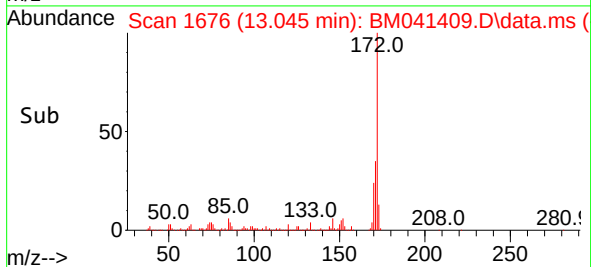
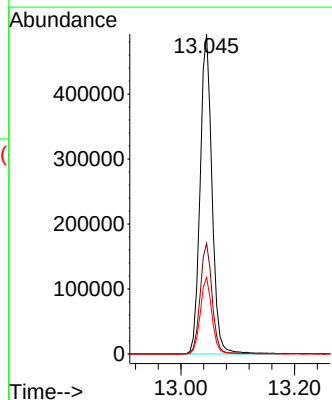
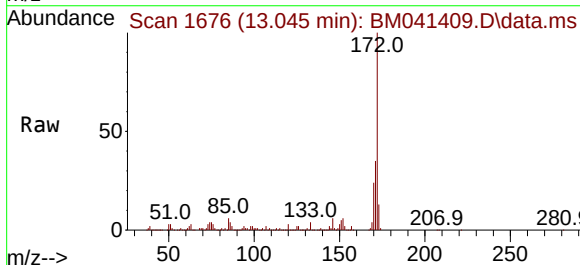


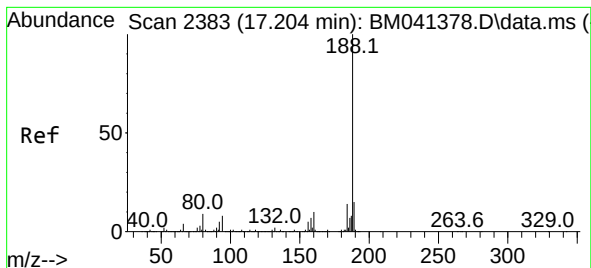
Tgt Ion:330 Resp: 216621
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 32.083 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion:172 Resp: 714594
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

Instrument :

BNA_M

ClientSampleId :

PNNL-APM2-0811-1

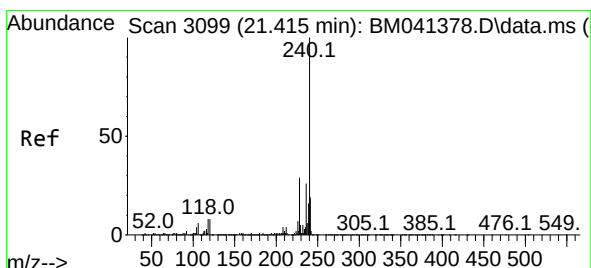
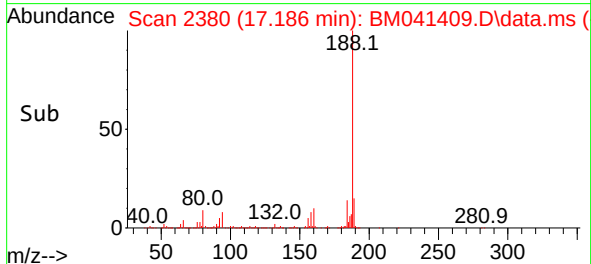
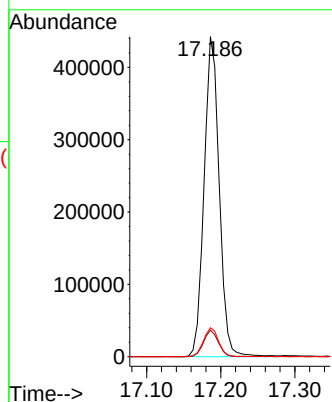
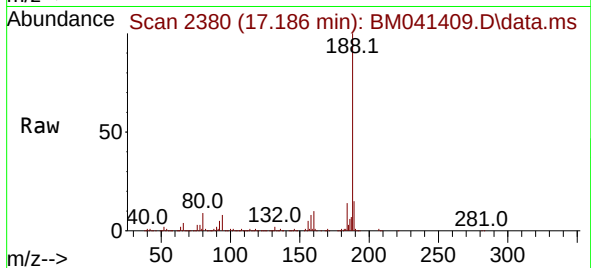
Tgt Ion:188 Resp: 627580

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 9.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.018 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

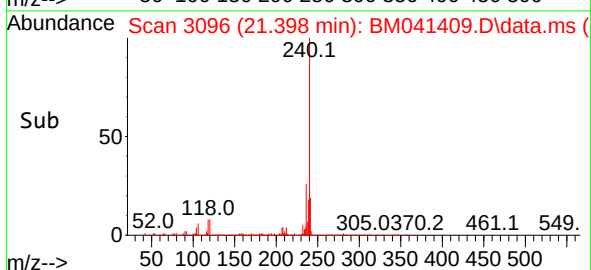
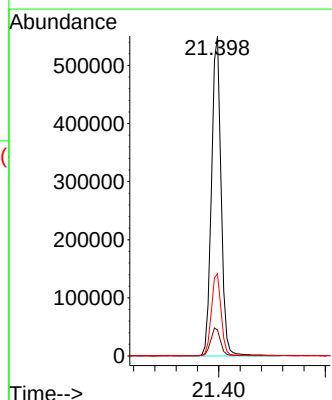
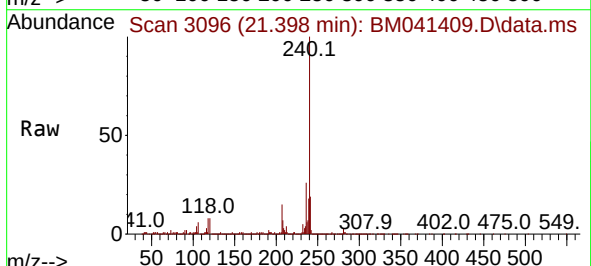
Tgt Ion:240 Resp: 688788

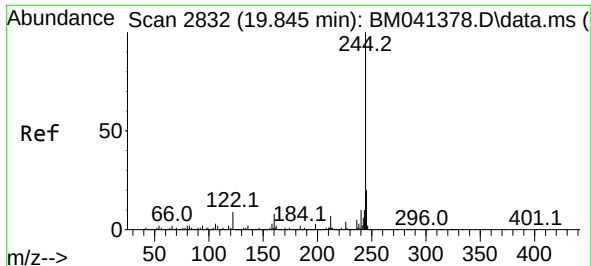
Ion Ratio Lower Upper

240 100

120 8.2 8.3 12.5#

236 25.7 20.6 30.8

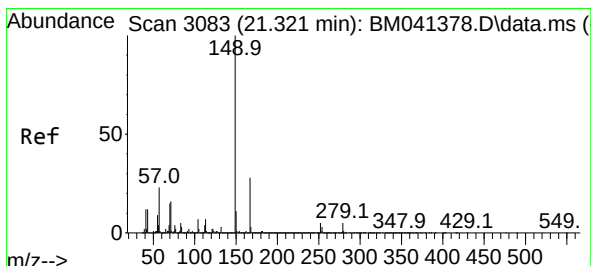
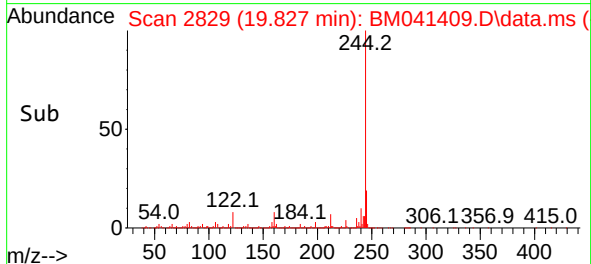
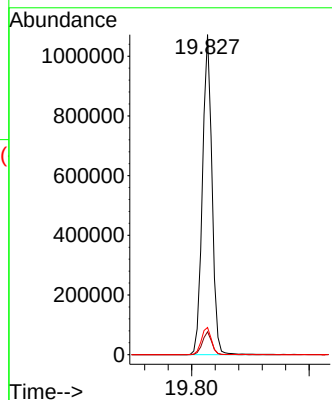
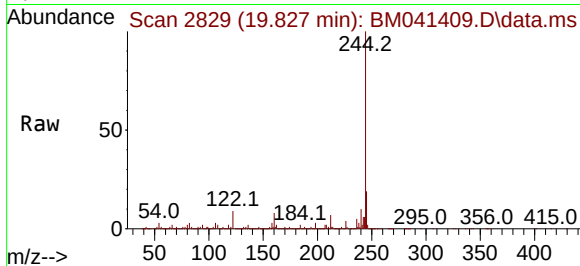




#79
 Terphenyl-d14
 Concen: 31.645 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM041409.D
 Acq: 15 Aug 2023 17:05

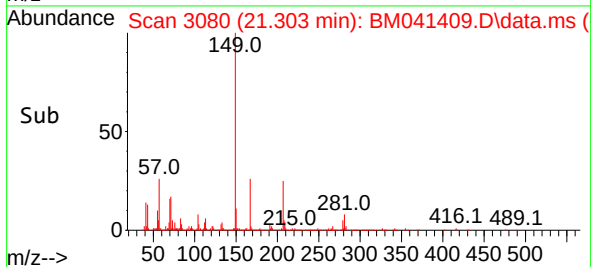
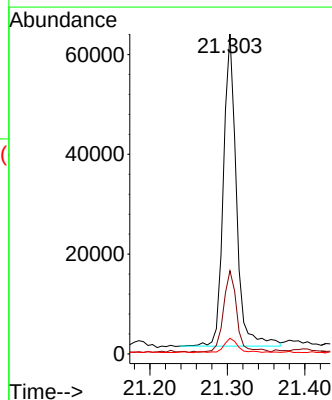
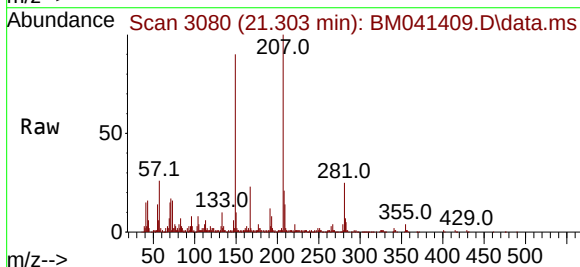
Instrument :
 BNA_M
 ClientSampleId :
 PNNL-APM2-0811-1

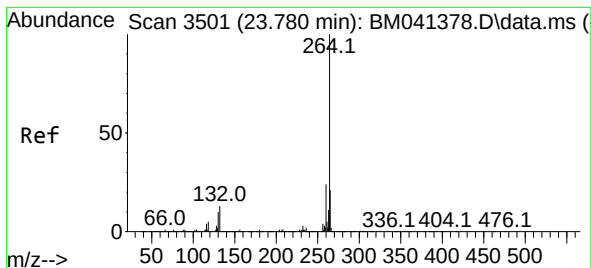
Tgt Ion:244 Resp: 1205526
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.5 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.023 ng
 RT: 21.303 min Scan# 3080
 Delta R.T. -0.018 min
 Lab File: BM041409.D
 Acq: 15 Aug 2023 17:05

Tgt Ion:149 Resp: 73262
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.6
 279 4.9 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.756 min Scan# 34

Delta R.T. -0.024 min

Lab File: BM041409.D

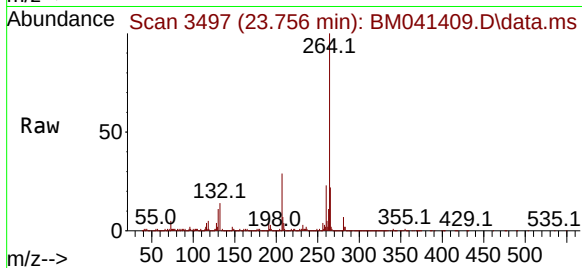
Acq: 15 Aug 2023 17:05

Instrument :

BNA_M

ClientSampleId :

PNNL-APM2-0811-1



Tgt Ion:264 Resp: 829713

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.4 17.4 26.0

