

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134278.D
 Acq On : 14 Jul 2023 00:27
 Operator : CG\JU
 Sample : 03428-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PNNL-APM-0621-1RE

Quant Time: Jul 14 01:58:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	70752	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	264993	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	126705	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	230534	20.000	ng	0.00
76) Chrysene-d12	14.039	240	134663	20.000	ng	0.00
86) Perylene-d12	15.545	264	102502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	388409	91.830	ng	0.00
7) Phenol-d6	6.481	99	460636	88.556	ng	0.00
23) Nitrobenzene-d5	7.404	82	312234	63.515	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	146835	92.429	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	591953	67.924	ng	0.00
79) Terphenyl-d14	12.974	244	606392	72.473	ng	0.00

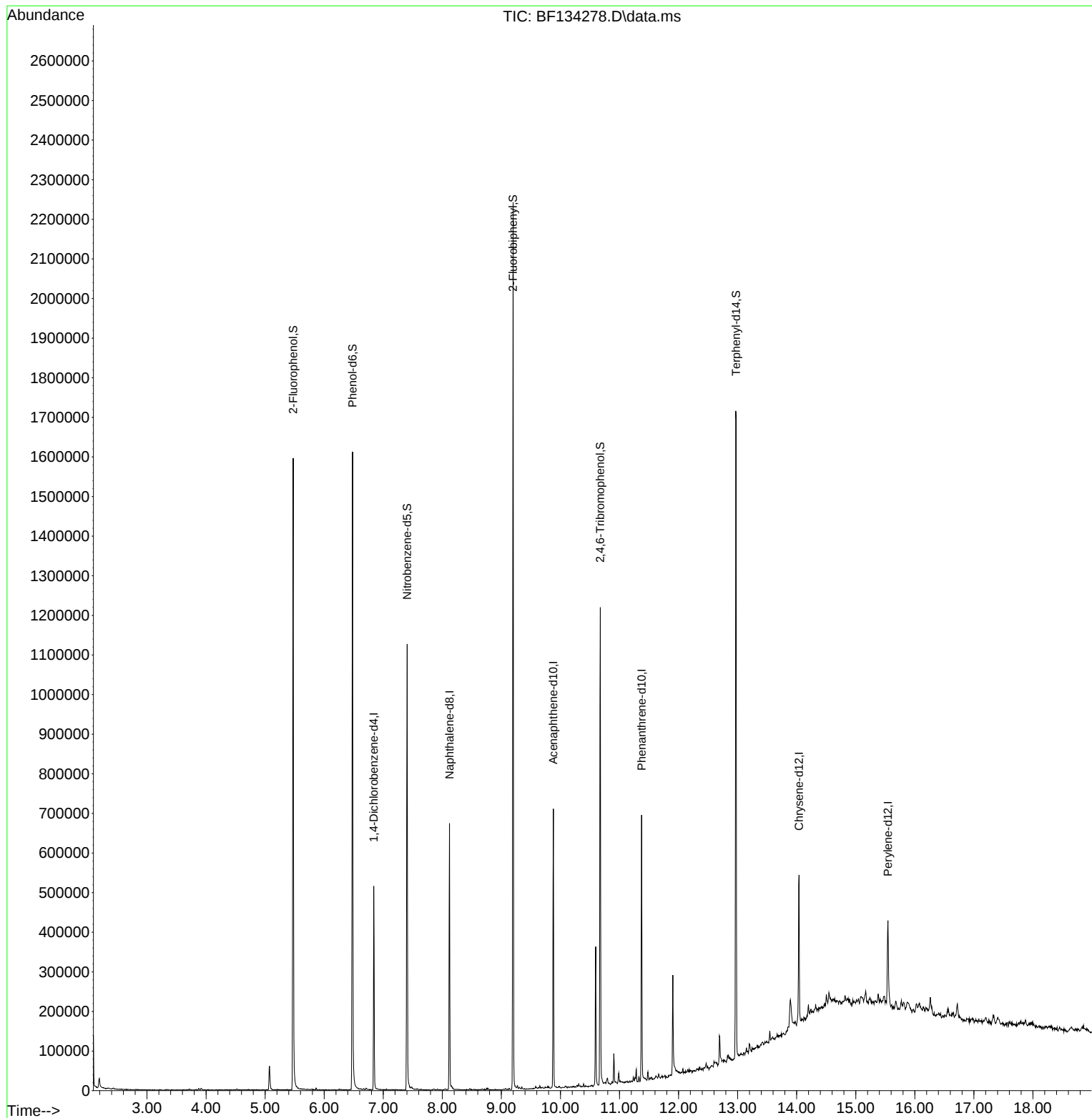
Target Compounds	Qvalue

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

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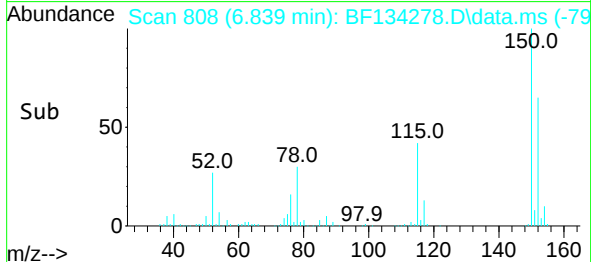
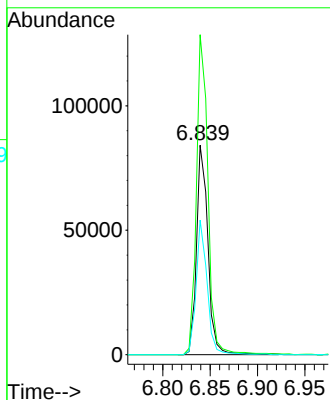
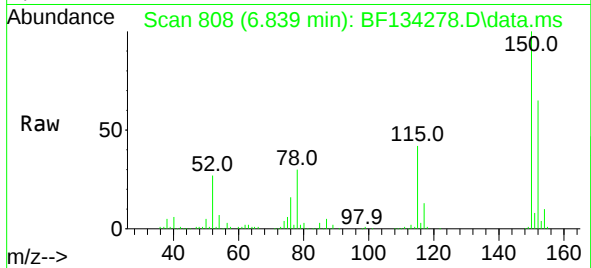




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

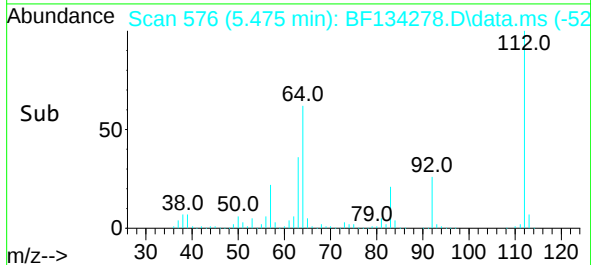
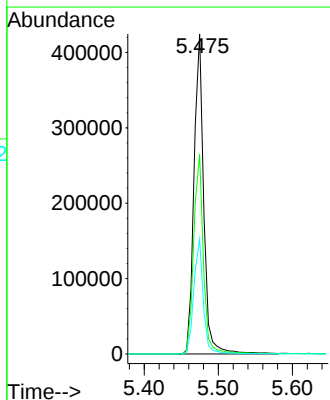
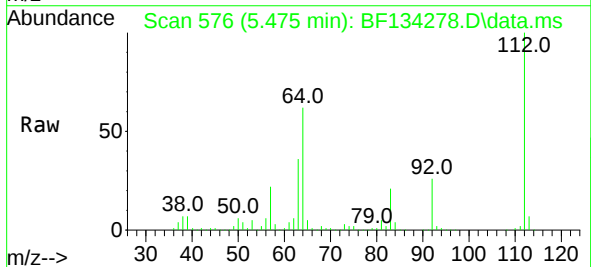
Instrument :
BNA_F
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PNNL-APM-0621-1RE

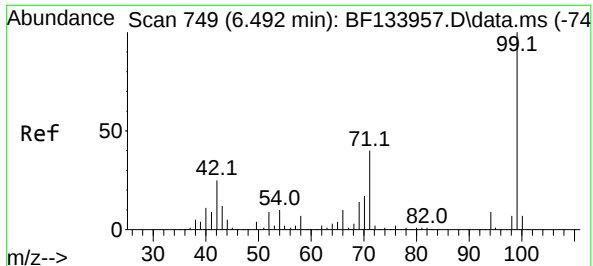
Tgt Ion:152 Resp: 70752
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 64.2 50.2 75.2



#5
2-Fluorophenol
Concen: 91.830 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

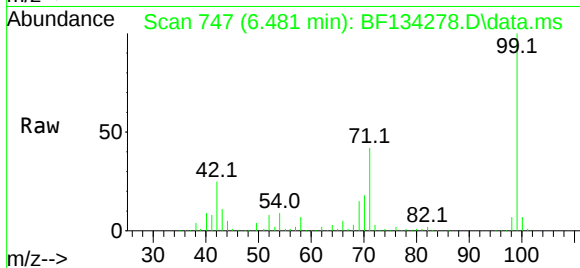
Tgt Ion:112 Resp: 388409
Ion Ratio Lower Upper
112 100
64 62.3 52.1 78.1
63 35.9 28.6 42.8



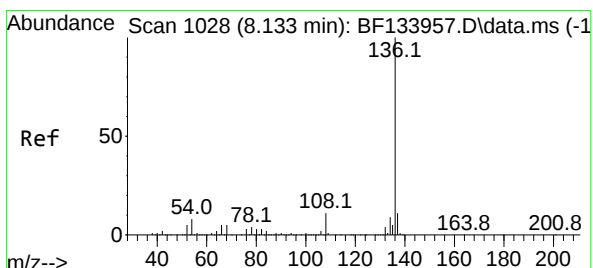
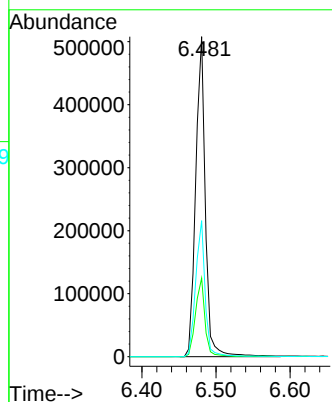
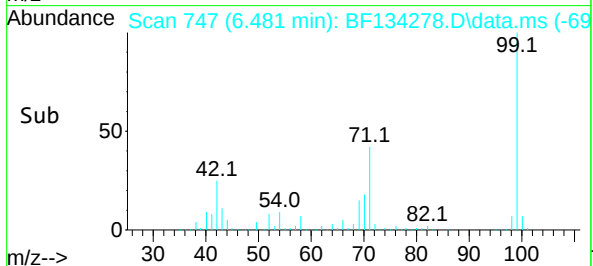


#7
Phenol-d6
Concen: 88.556 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

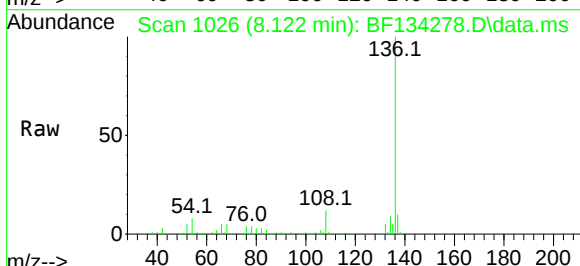
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1RE



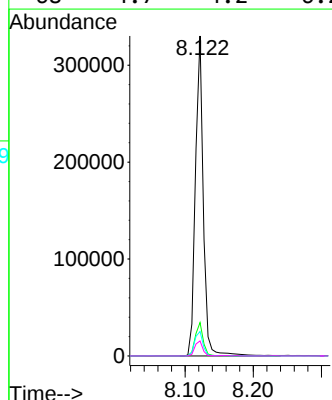
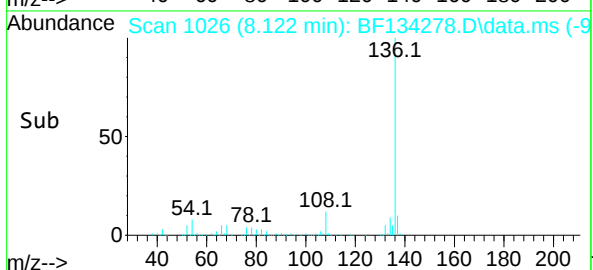
Tgt Ion: 99 Resp: 460636
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 42.5 31.9 47.9

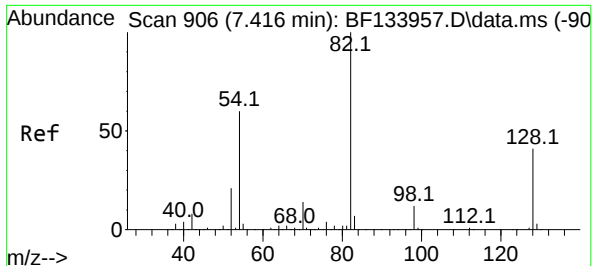


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27



Tgt Ion: 136 Resp: 264993
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.7 6.5 9.7
68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 63.515 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134278.D

Acq: 14 Jul 2023 00:27

Instrument :

BNA_F

ClientSampleId :

PNNL-APM-0621-1RE

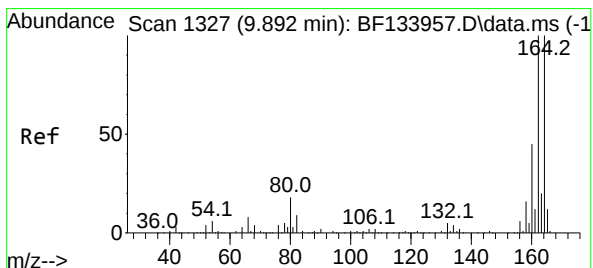
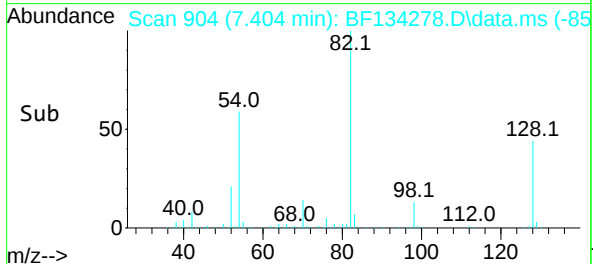
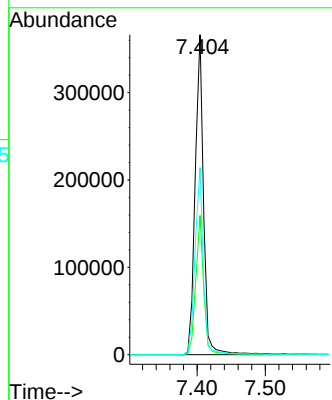
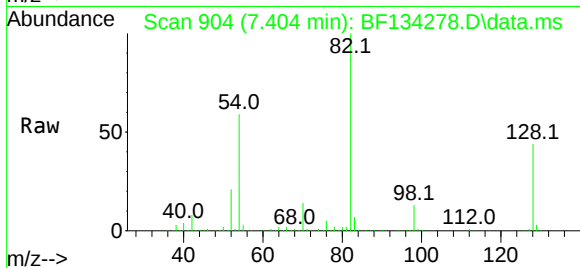
Tgt Ion: 82 Resp: 312234

Ion Ratio Lower Upper

82 100

128 43.5 32.5 48.7

54 58.5 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134278.D

Acq: 14 Jul 2023 00:27

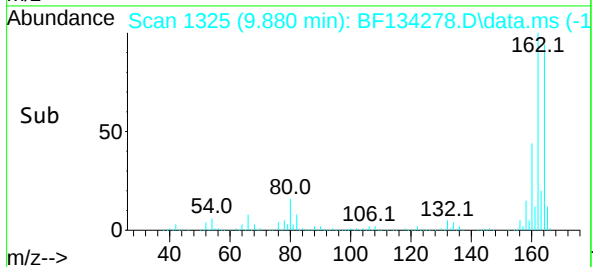
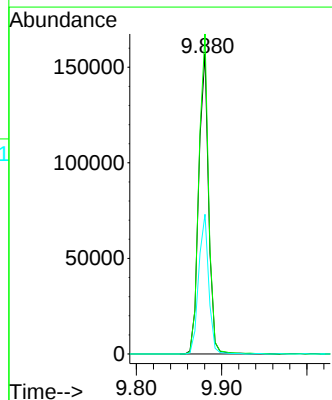
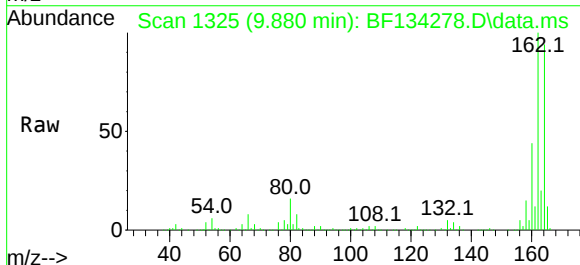
Tgt Ion:164 Resp: 126705

Ion Ratio Lower Upper

164 100

162 106.6 80.0 120.0

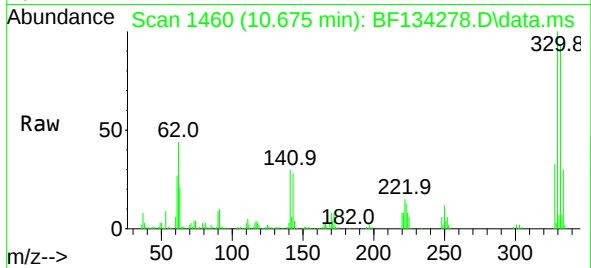
160 46.5 35.9 53.9



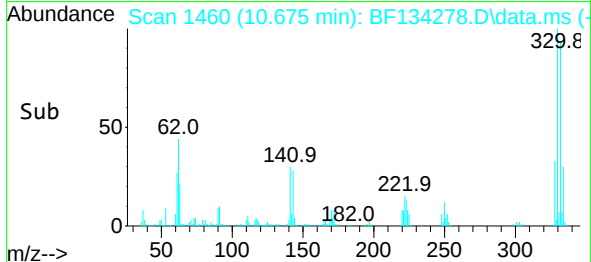
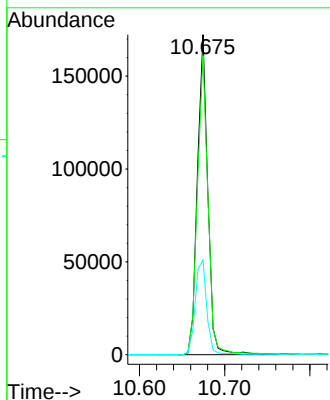


#42
2,4,6-Tribromophenol
Concen: 92.429 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1RE

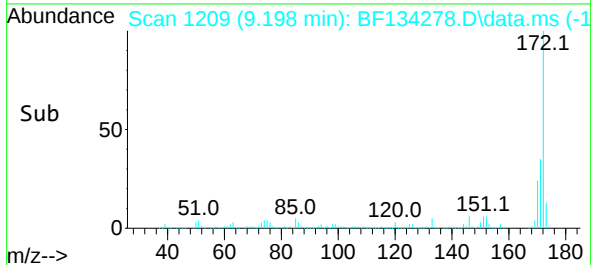
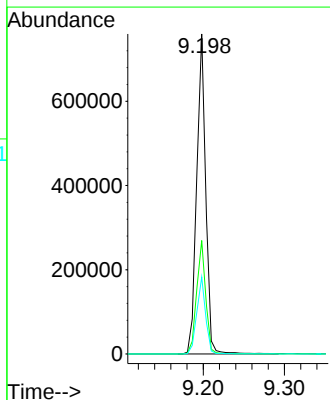
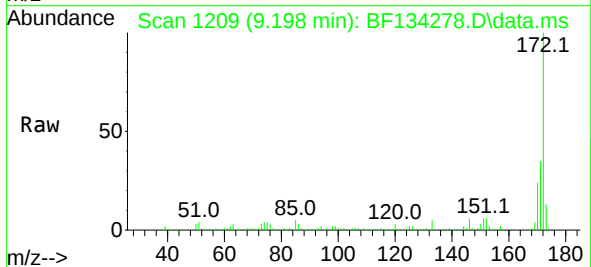


Tgt Ion:330 Resp: 146835
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.924 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Tgt Ion:172 Resp: 591953
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.0 19.4 29.0

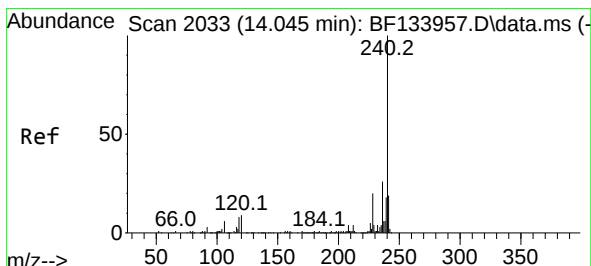
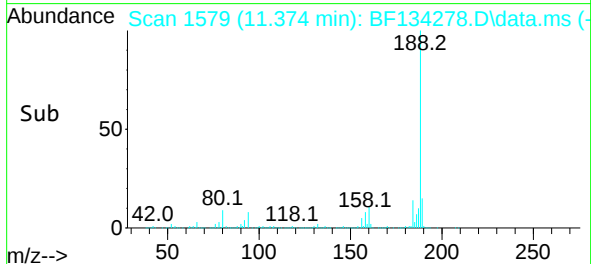
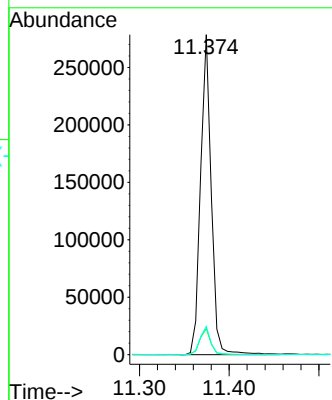
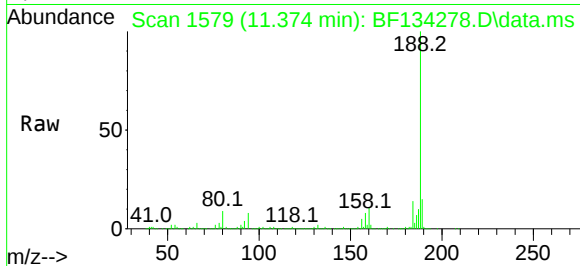




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

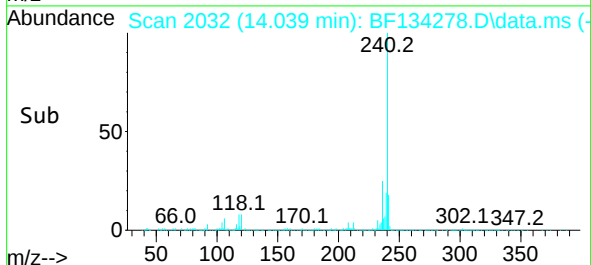
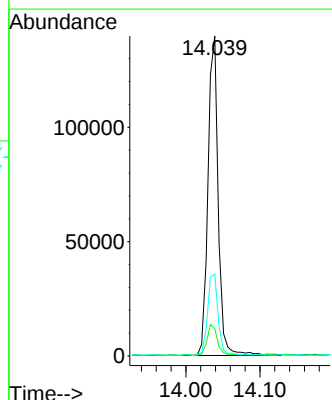
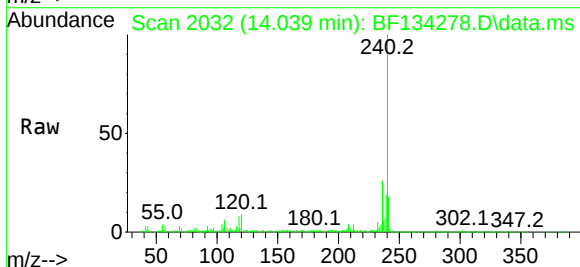
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PNNL-APM-0621-1RE

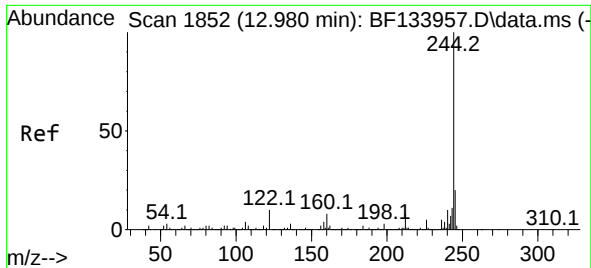
Tgt Ion:188 Resp: 230534
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134278.D
Acq: 14 Jul 2023 00:27

Tgt Ion:240 Resp: 134663
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 25.5 21.0 31.6

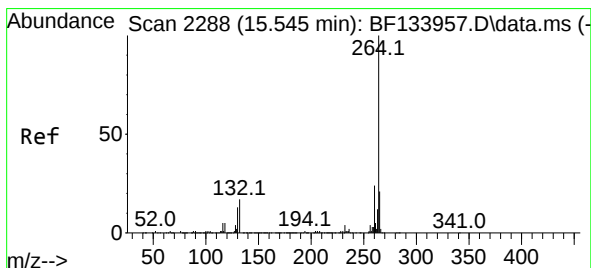
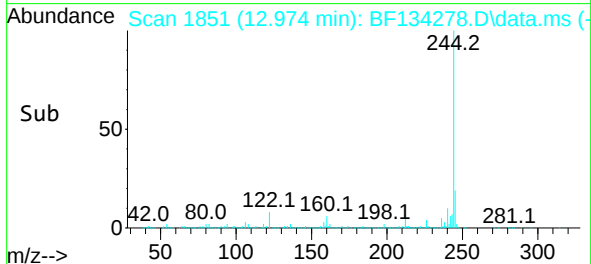
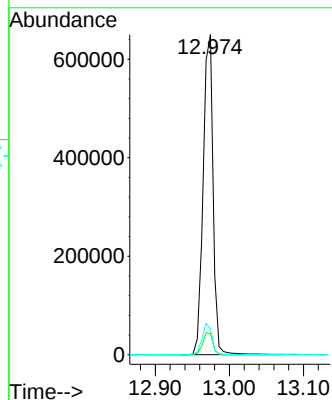
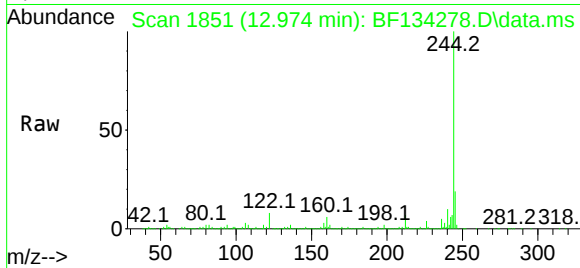




#79
 Terphenyl-d14
 Concen: 72.473 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134278.D
 Acq: 14 Jul 2023 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PNNL-APM-0621-1RE

Tgt Ion:244 Resp: 606392
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.1 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134278.D
 Acq: 14 Jul 2023 00:27

Tgt Ion:264 Resp: 102502
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.6 16.6 25.0

