

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134058.D
 Acq On : 30 Jun 2023 18:18
 Operator : CG\JU
 Sample : 03428-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 30 19:15:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	112600	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	432516	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	220397	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	446035	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	238671	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	257171	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	808175	120.061	ng	0.01
7) Phenol-d6	6.487	99	929233	112.250	ng	0.00
23) Nitrobenzene-d5	7.410	82	719230	89.639	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	374716	135.603	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1324188	87.353	ng	0.00
79) Terphenyl-d14	12.980	244	1558457	105.091	ng	0.00

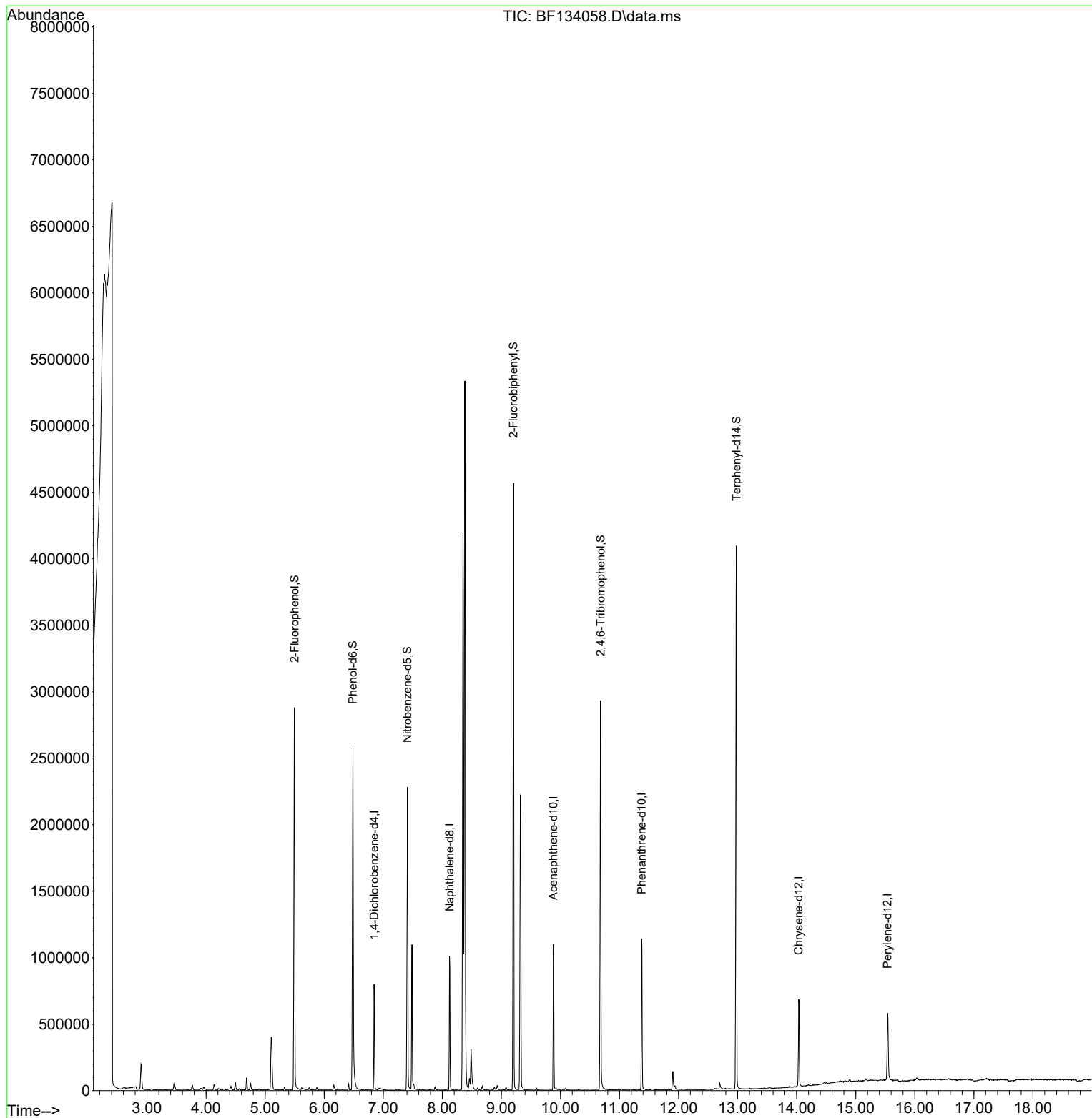
Target Compounds	Qvalue

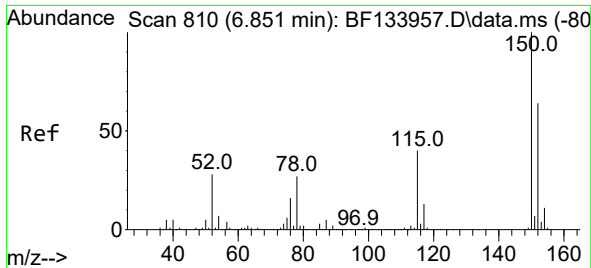
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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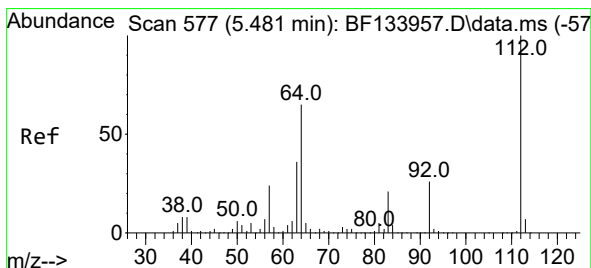
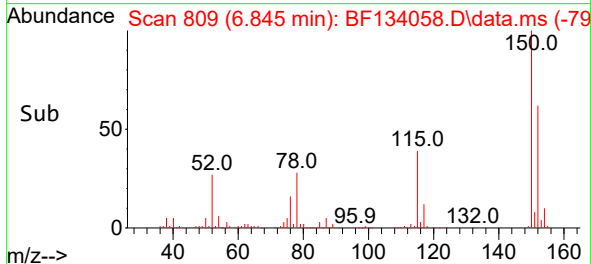
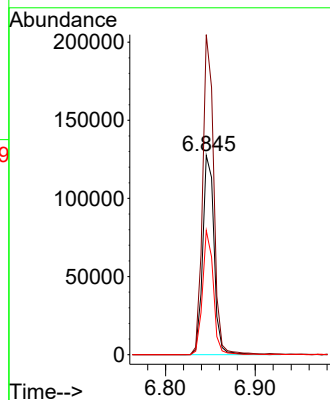
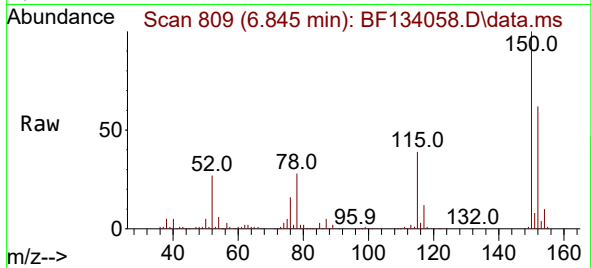




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134058.D
Acq: 30 Jun 2023 18:18

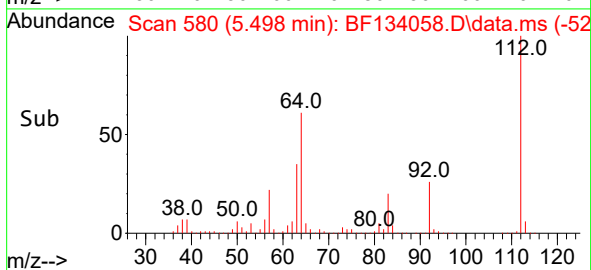
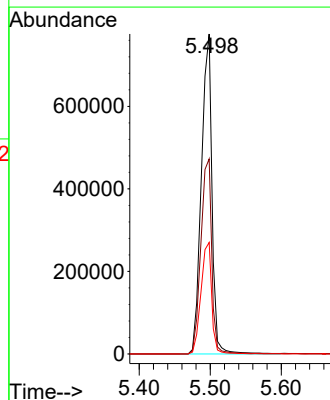
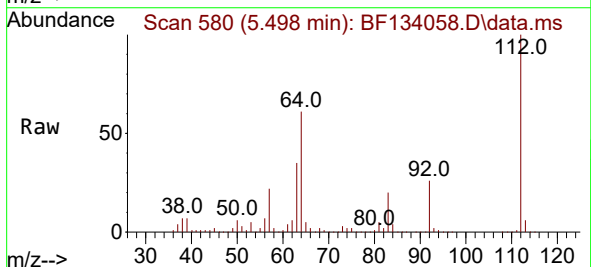
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

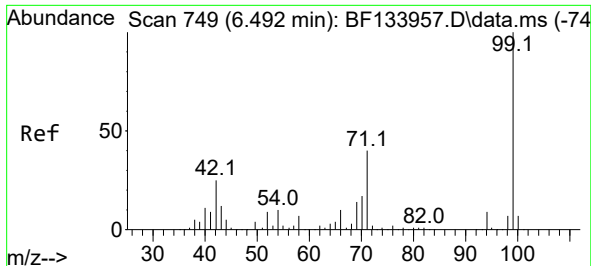
Tgt Ion:152 Resp: 112600
Ion Ratio Lower Upper
152 100
150 160.6 124.5 186.7
115 62.3 50.2 75.2



#5
2-Fluorophenol
Concen: 120.061 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134058.D
Acq: 30 Jun 2023 18:18

Tgt Ion:112 Resp: 808175
Ion Ratio Lower Upper
112 100
64 61.0 52.1 78.1
63 34.9 28.6 42.8

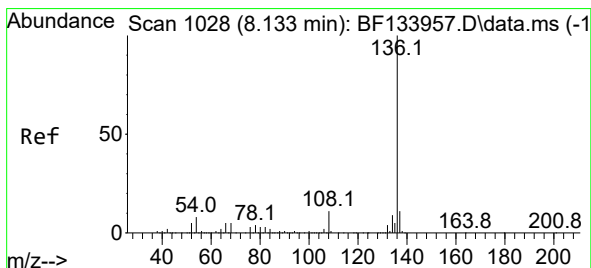
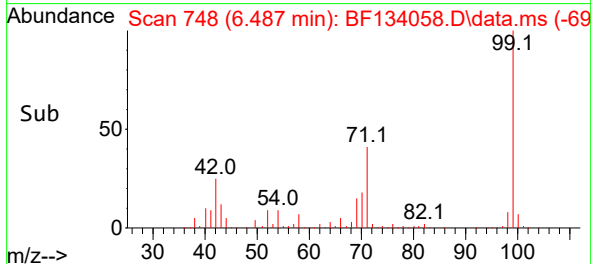
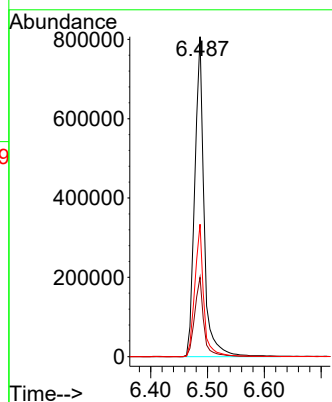
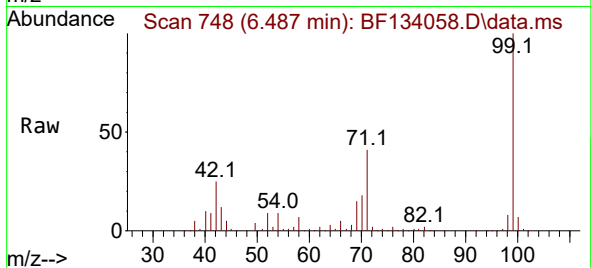




#7
Phenol-d6
Concen: 112.250 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134058.D
Acq: 30 Jun 2023 18:18

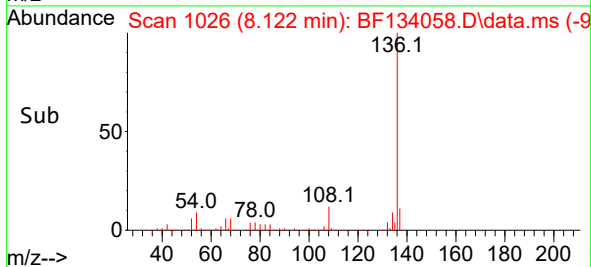
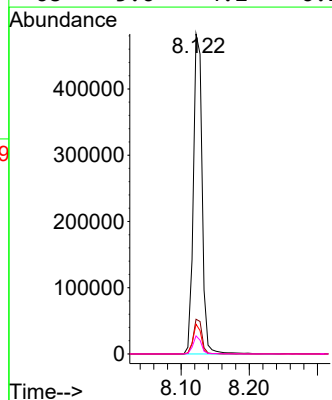
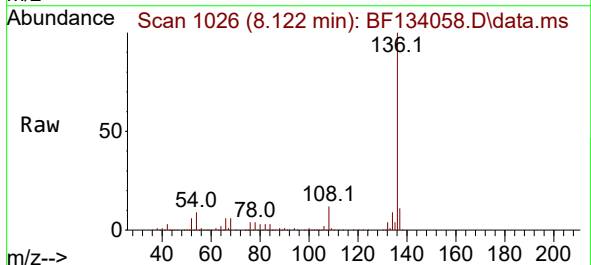
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

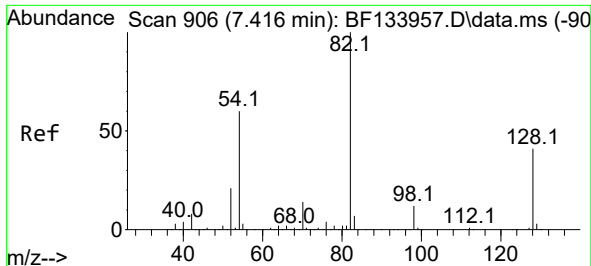
Tgt Ion: 99 Resp: 929233
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 41.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134058.D
Acq: 30 Jun 2023 18:18

Tgt Ion:136 Resp: 432516
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 6.5 9.7
68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 89.639 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134058.D

Acq: 30 Jun 2023 18:18

Instrument :

BNA_F

ClientSampleId :

PNNL-APM-0621-1

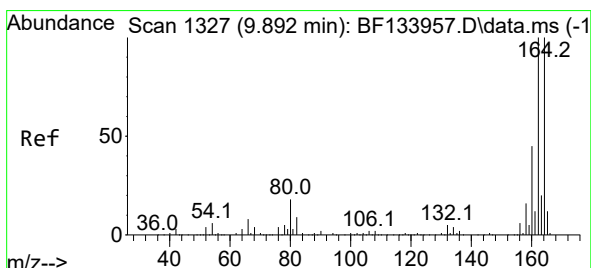
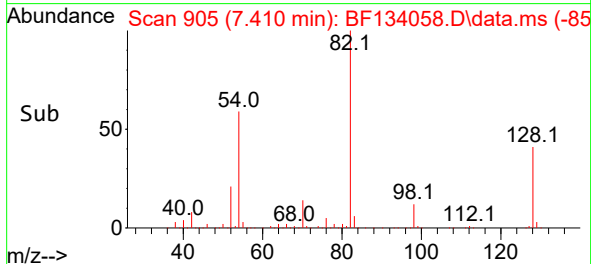
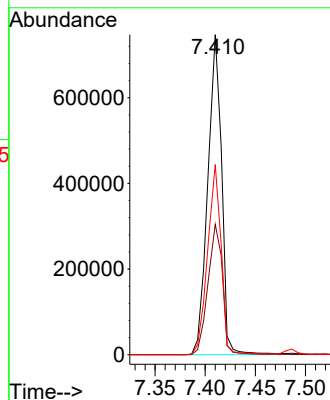
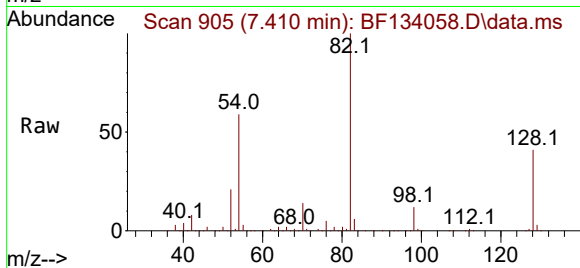
Tgt Ion: 82 Resp: 719230

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 59.4 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134058.D

Acq: 30 Jun 2023 18:18

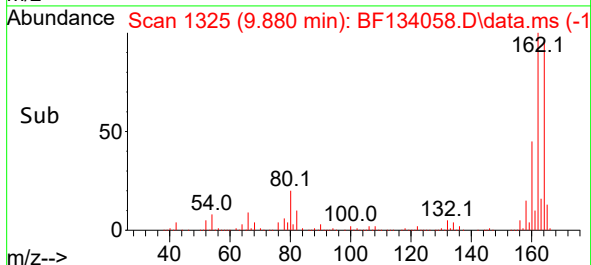
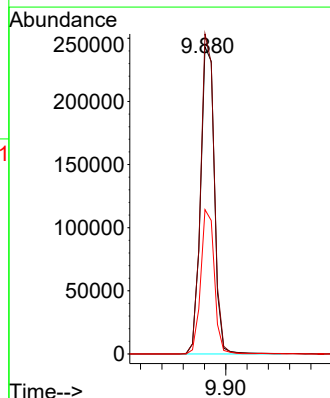
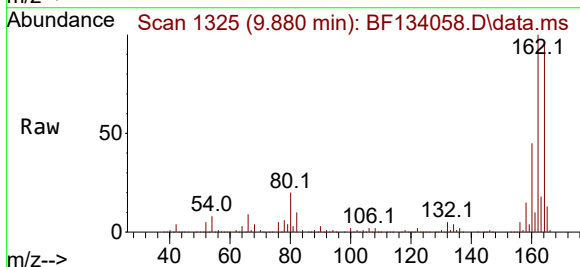
Tgt Ion:164 Resp: 220397

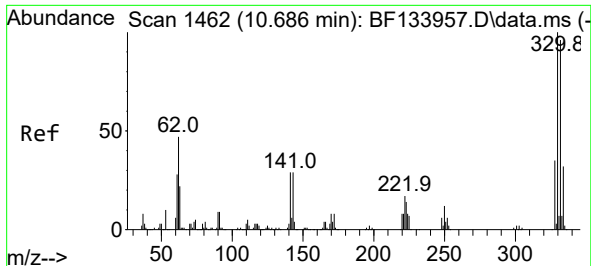
Ion Ratio Lower Upper

164 100

162 104.2 80.0 120.0

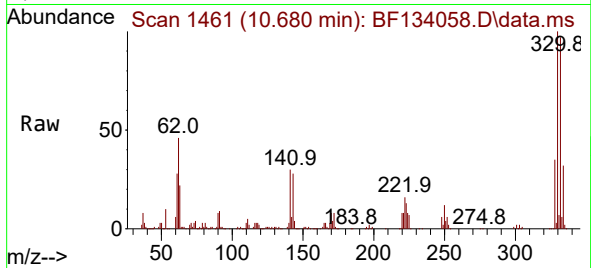
160 47.0 35.9 53.9



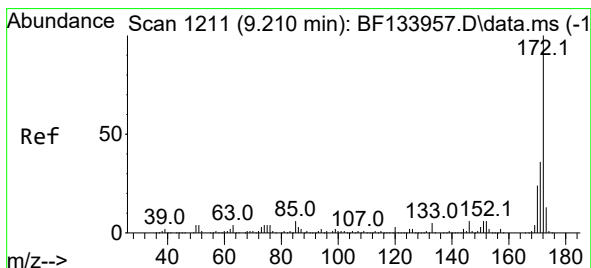
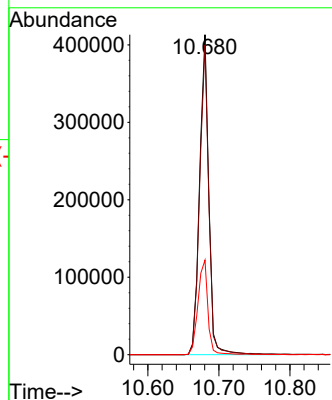
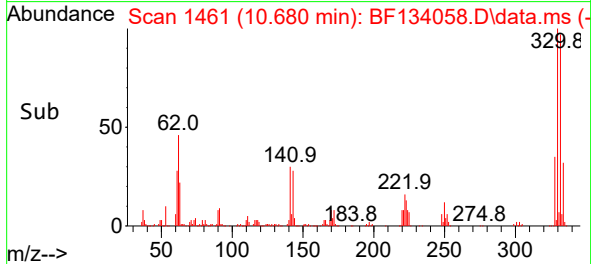


#42
 2,4,6-Tribromophenol
 Concen: 135.603 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF134058.D
 Acq: 30 Jun 2023 18:18

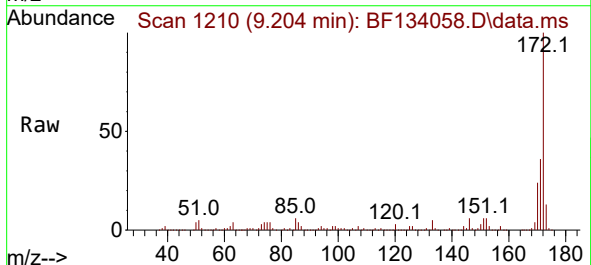
Instrument :
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 PNNL-APM-0621-1



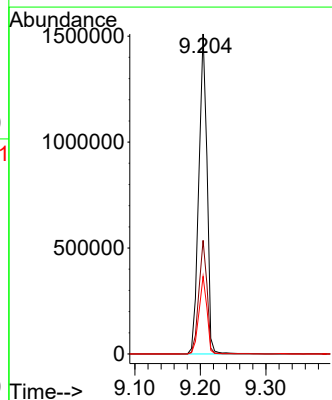
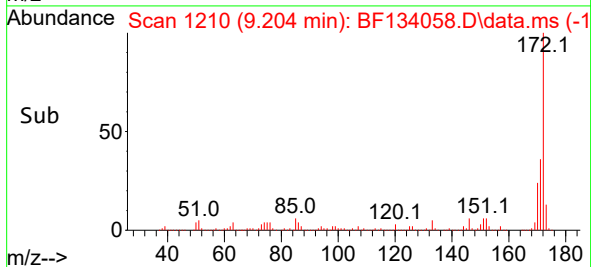
Tgt Ion:330 Resp: 374716
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 31.9 26.3 39.5

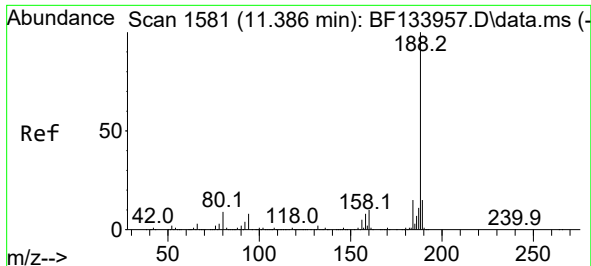


#45
 2-Fluorobiphenyl
 Concen: 87.353 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BF134058.D
 Acq: 30 Jun 2023 18:18



Tgt Ion:172 Resp: 1324188
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.3 19.4 29.0

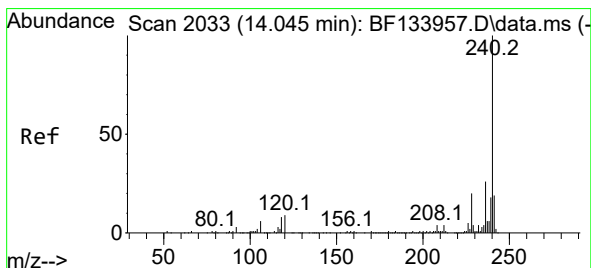
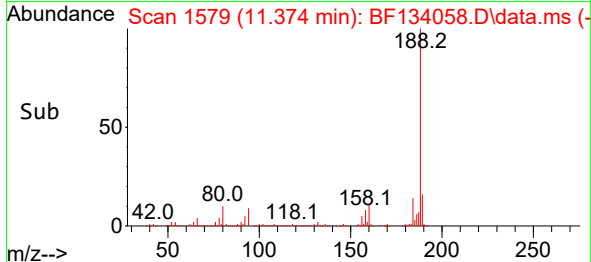
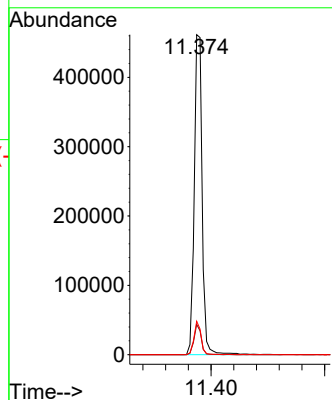
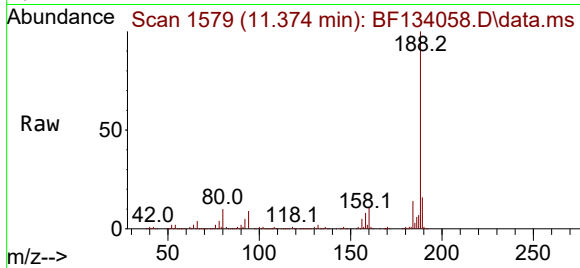




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134058.D
Acq: 30 Jun 2023 18:18

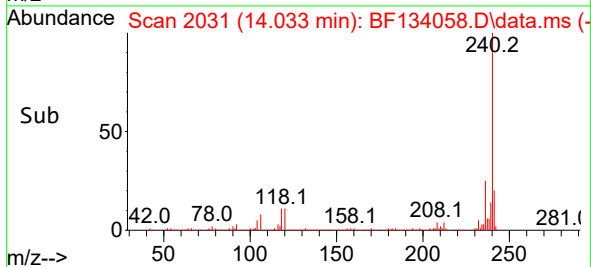
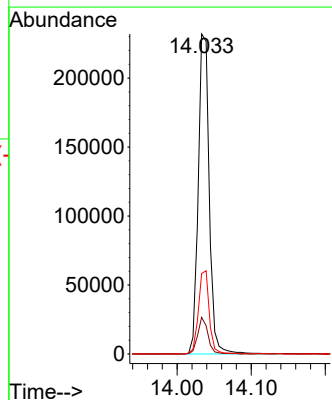
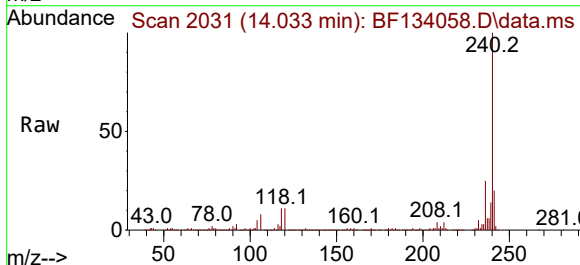
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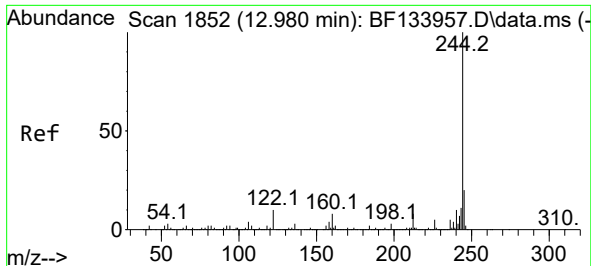
Tgt Ion:188 Resp: 446035
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134058.D
Acq: 30 Jun 2023 18:18

Tgt Ion:240 Resp: 238671
Ion Ratio Lower Upper
240 100
120 11.4 7.4 11.0#
236 25.1 21.0 31.6

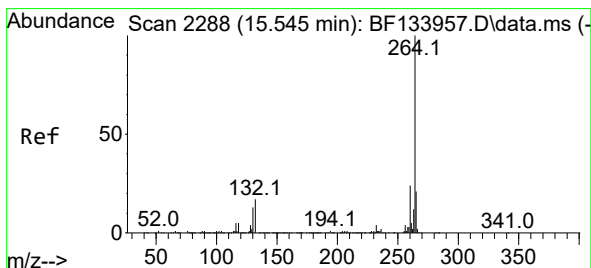
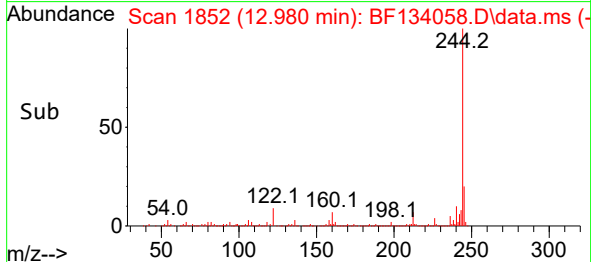
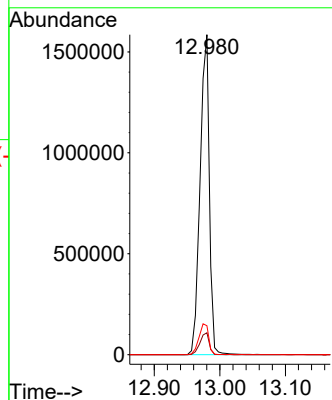
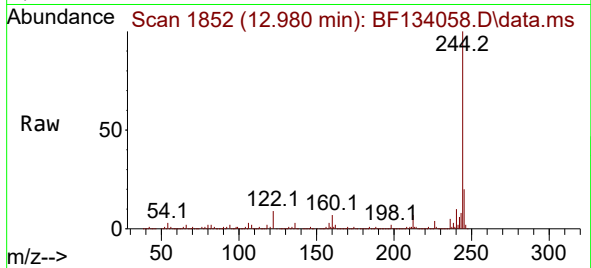




#79
 Terphenyl-d14
 Concen: 105.091 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134058.D
 Acq: 30 Jun 2023 18:18

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

Tgt Ion:244 Resp: 1558457
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134058.D
 Acq: 30 Jun 2023 18:18

Tgt Ion:264 Resp: 257171
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 22.0 16.6 25.0

