

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134070.D
 Acq On : 01 Jul 2023 01:28
 Operator : CG\JU
 Sample : 03428-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 01 04:36:32 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	98302	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	352632	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	147401	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	240455	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	200785	20.000	ng	-0.01
86) Perylene-d12	15.539	264	147613	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	297022	50.543	ng	-0.01
7) Phenol-d6	6.475	99	345932	47.866	ng	-0.02
23) Nitrobenzene-d5	7.404	82	232199	35.495	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	75317	40.753	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	430624	42.475	ng	-0.01
79) Terphenyl-d14	12.974	244	377186	30.234	ng	-0.01

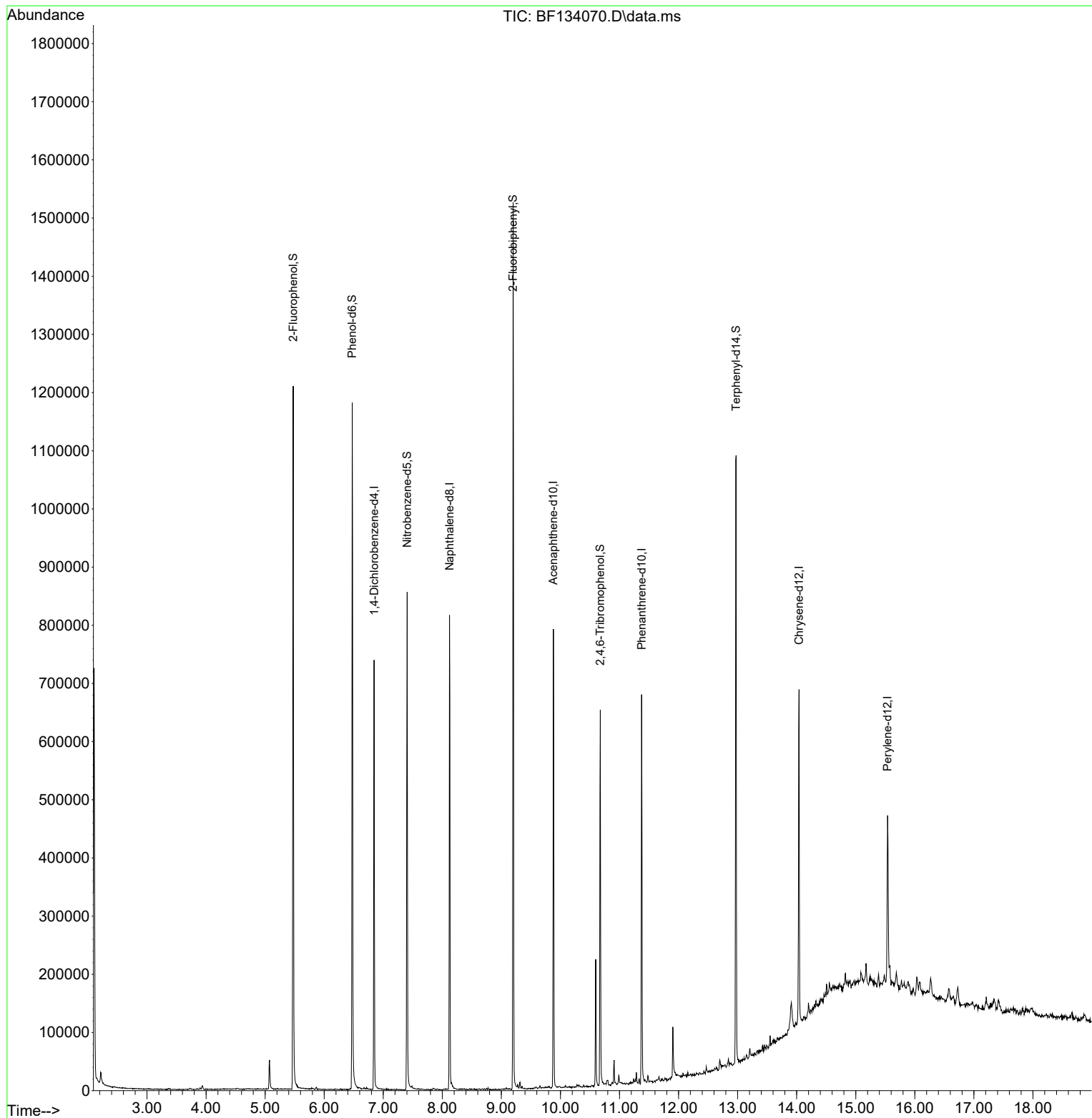
Target Compounds	Qvalue

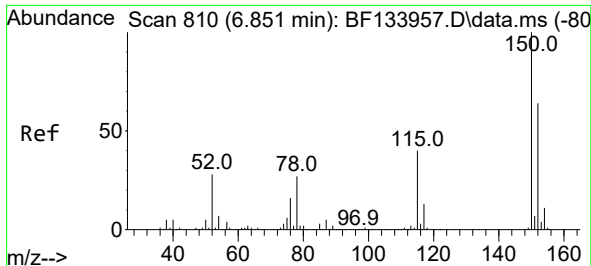
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134070.D
Acq On : 01 Jul 2023 01:28
Operator : CG\JU
Sample : 03428-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 01 04:36:32 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

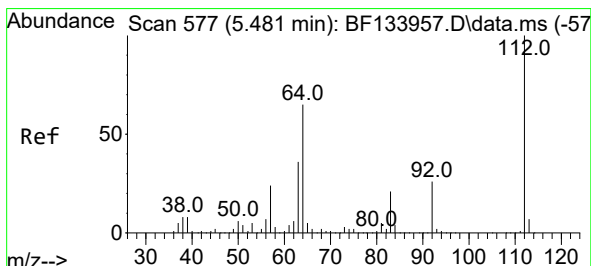
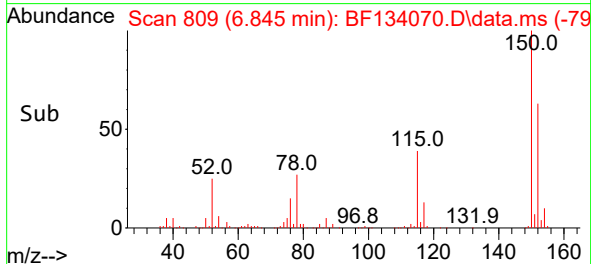
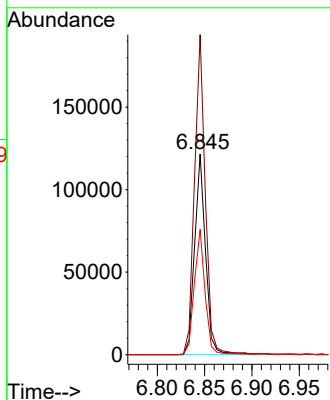
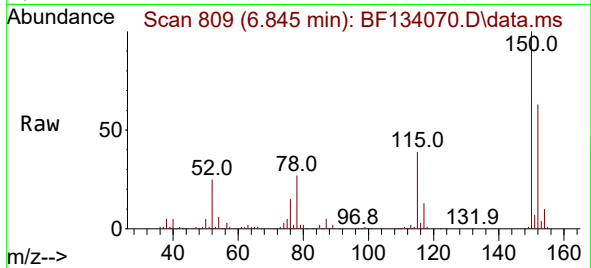




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

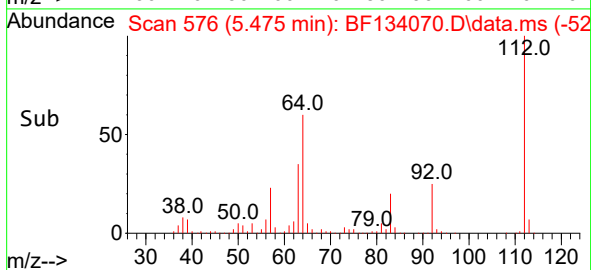
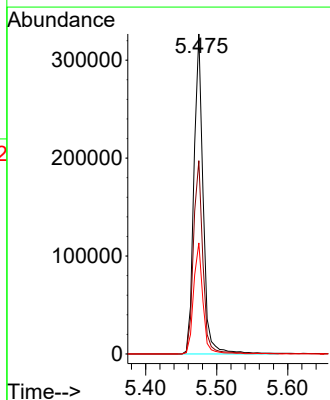
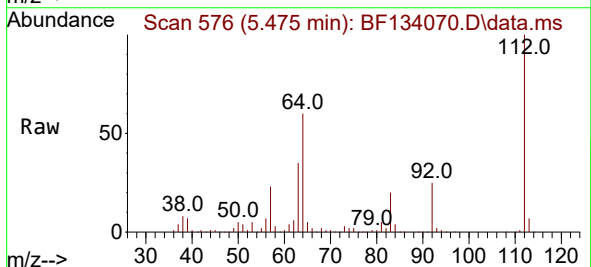
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

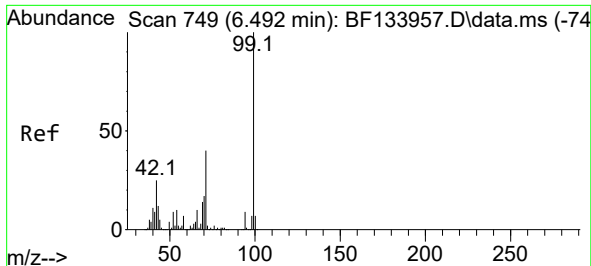
Tgt Ion:152 Resp: 98302
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 62.5 50.2 75.2



#5
2-Fluorophenol
Concen: 50.543 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

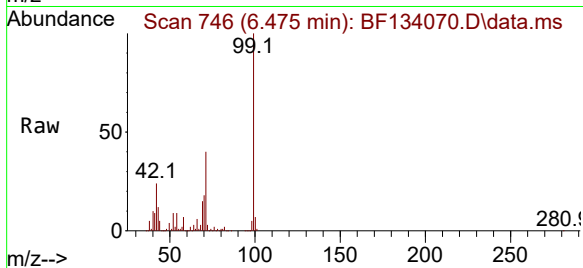
Tgt Ion:112 Resp: 297022
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 34.7 28.6 42.8





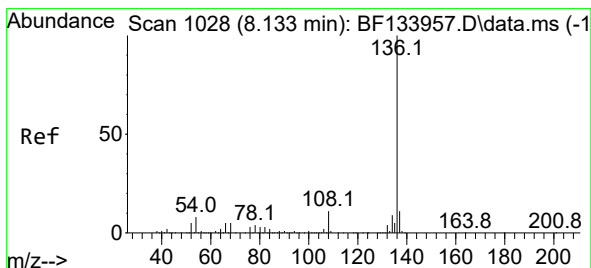
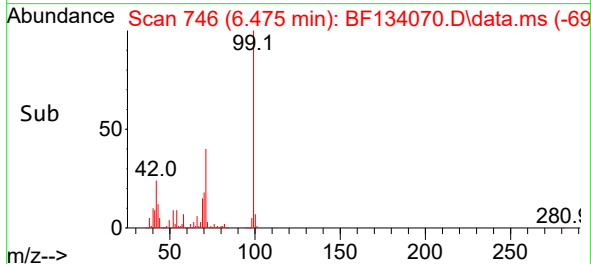
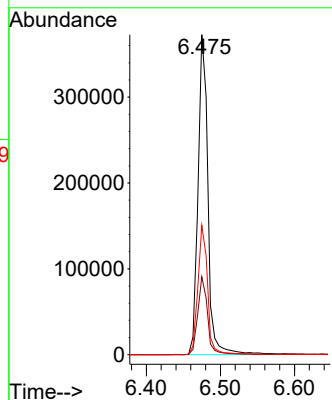
#7
Phenol-d6
Concen: 47.866 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

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



Tgt Ion: 99 Resp: 345932

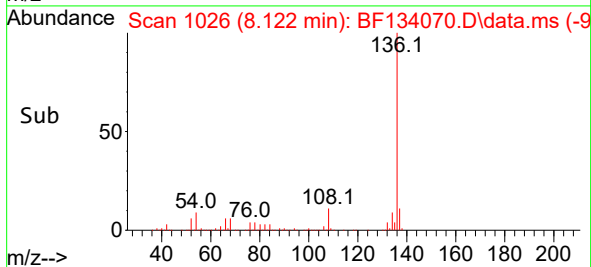
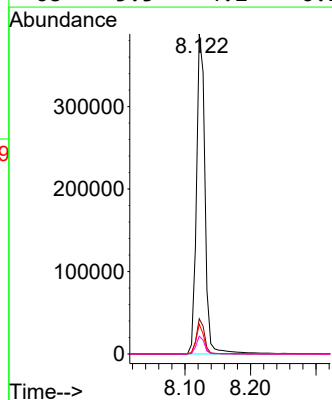
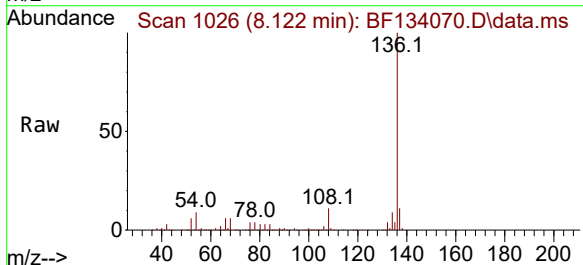
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.6
71	40.4	31.9	47.9

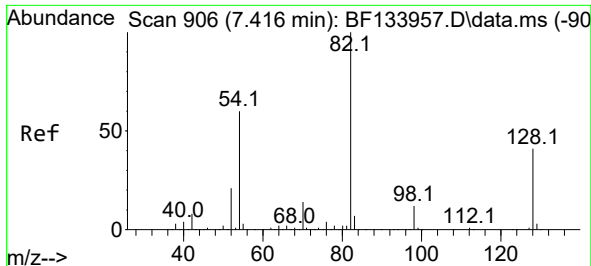


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion: 136 Resp: 352632

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.3	6.5	9.7
68	5.5	4.2	6.2

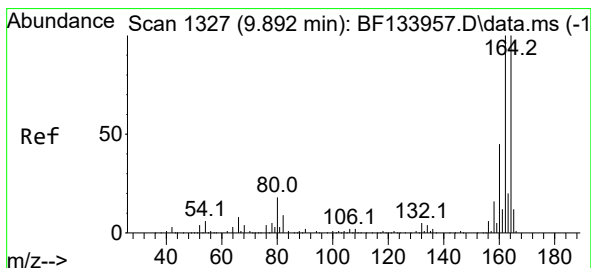
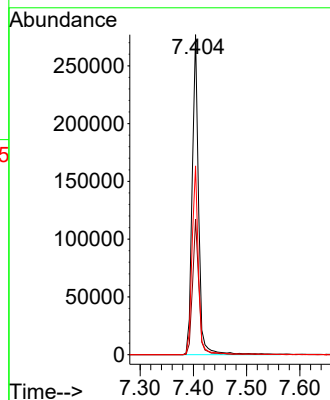
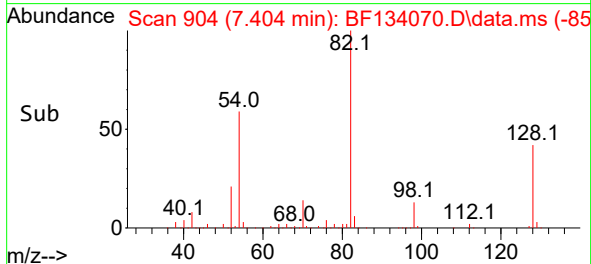
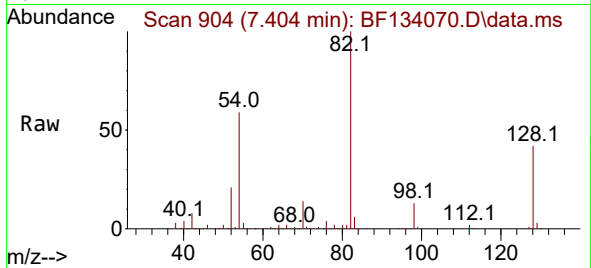




#23
Nitrobenzene-d5
Concen: 35.495 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

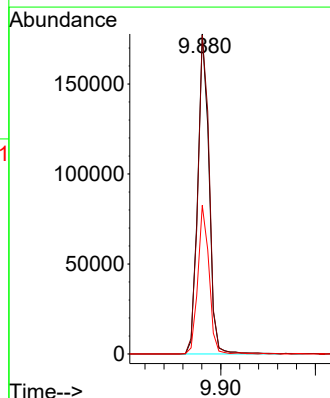
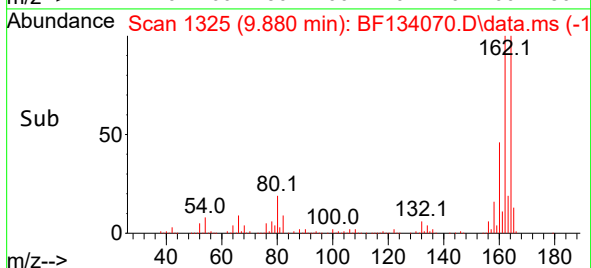
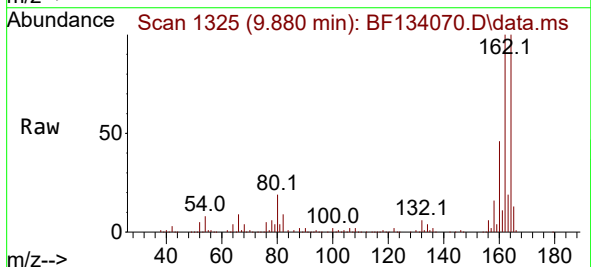
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

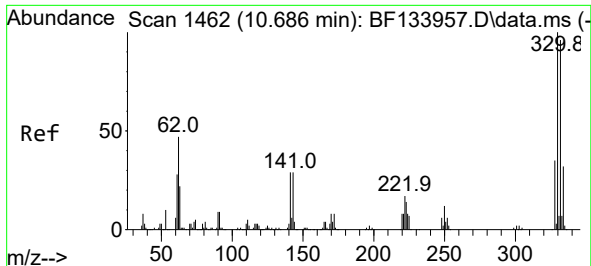
Tgt Ion: 82 Resp: 232199
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 59.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

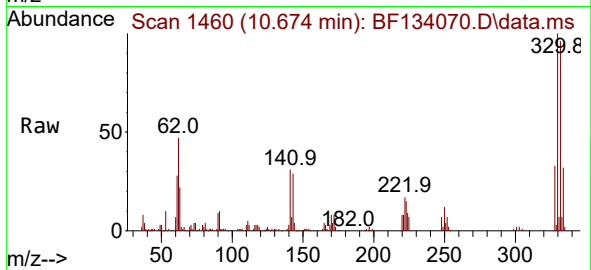
Tgt Ion:164 Resp: 147401
Ion Ratio Lower Upper
164 100
162 99.6 80.0 120.0
160 46.5 35.9 53.9



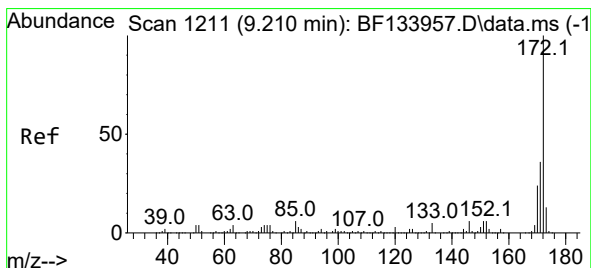
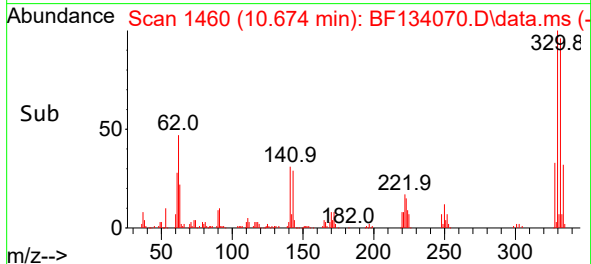
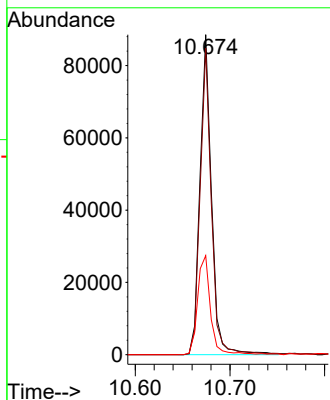


#42
2,4,6-Tribromophenol
Concen: 40.753 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

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

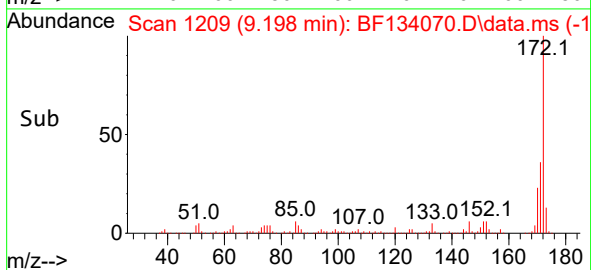
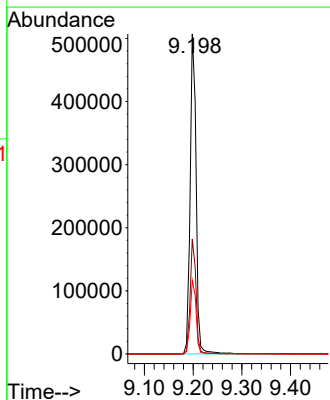
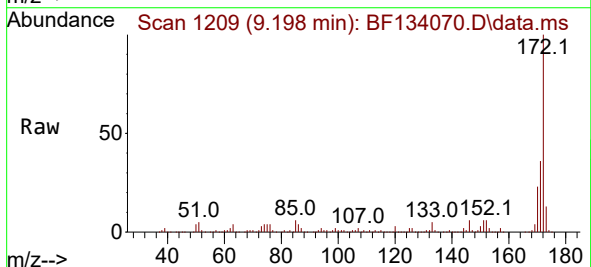


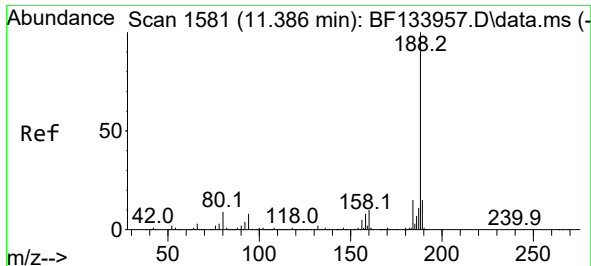
Tgt Ion:330 Resp: 75317
Ion Ratio Lower Upper
330 100
332 93.6 77.0 115.6
141 34.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 42.475 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion:172 Resp: 430624
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.1 19.4 29.0

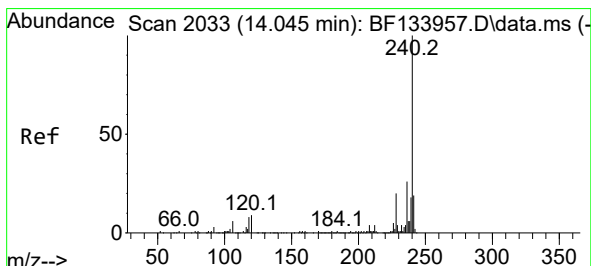
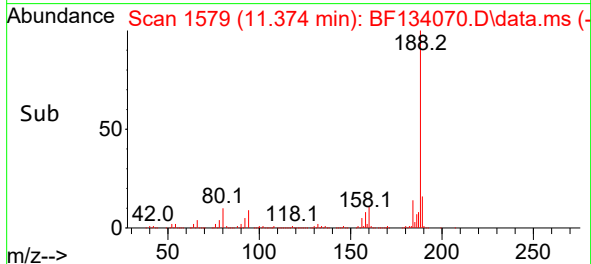
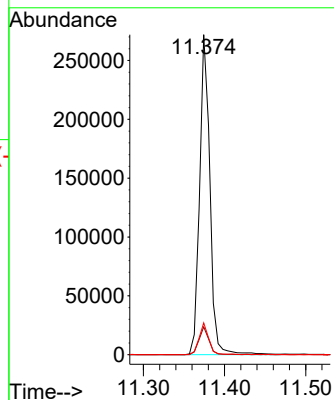
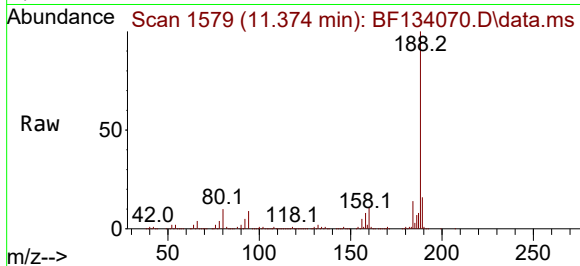




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

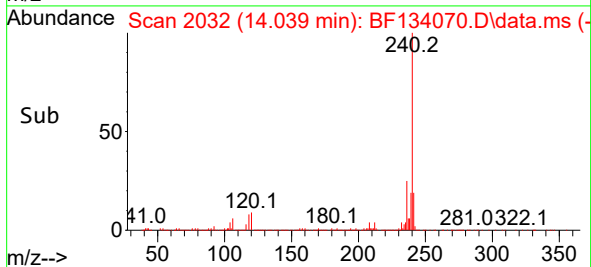
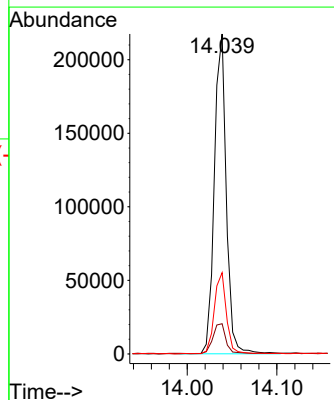
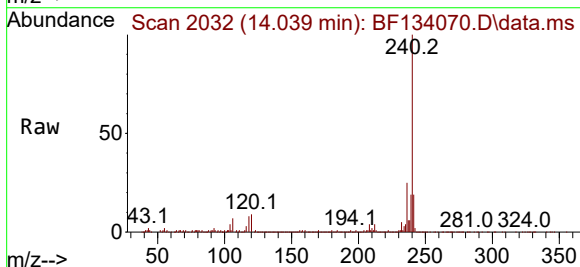
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

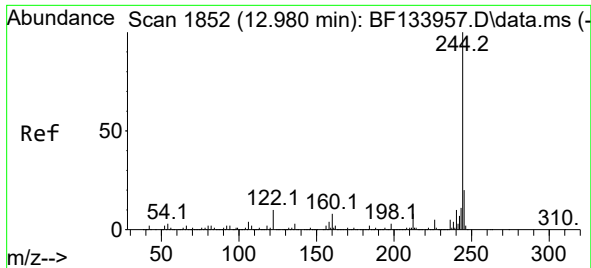
Tgt Ion:188 Resp: 240455
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 10.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion:240 Resp: 200785
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.4 21.0 31.6

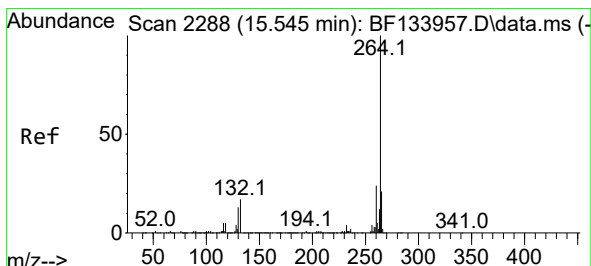
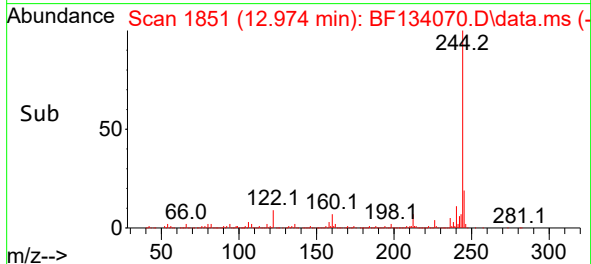
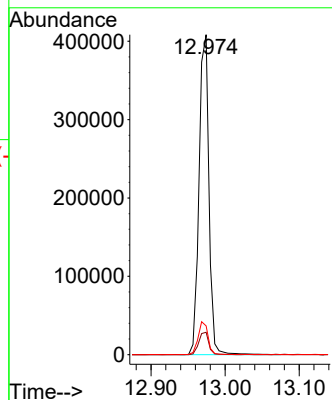
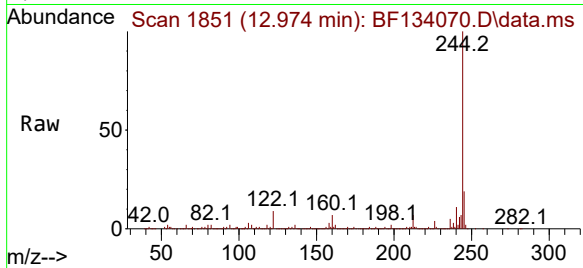




#79
 Terphenyl-d14
 Concen: 30.234 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134070.D
 Acq: 01 Jul 2023 01:28

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

Tgt Ion:244 Resp: 377186
 Ion Ratio Lower Upper
 244 100
 212 7.0 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: BF134070.D
 Acq: 01 Jul 2023 01:28

Tgt Ion:264 Resp: 147613
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.7 16.6 25.0

