

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133775.D
 Acq On : 15 Jun 2023 15:10
 Operator : CG\JU
 Sample : 03160-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PNNL-B-0609-1

Quant Time: Jun 15 15:40:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

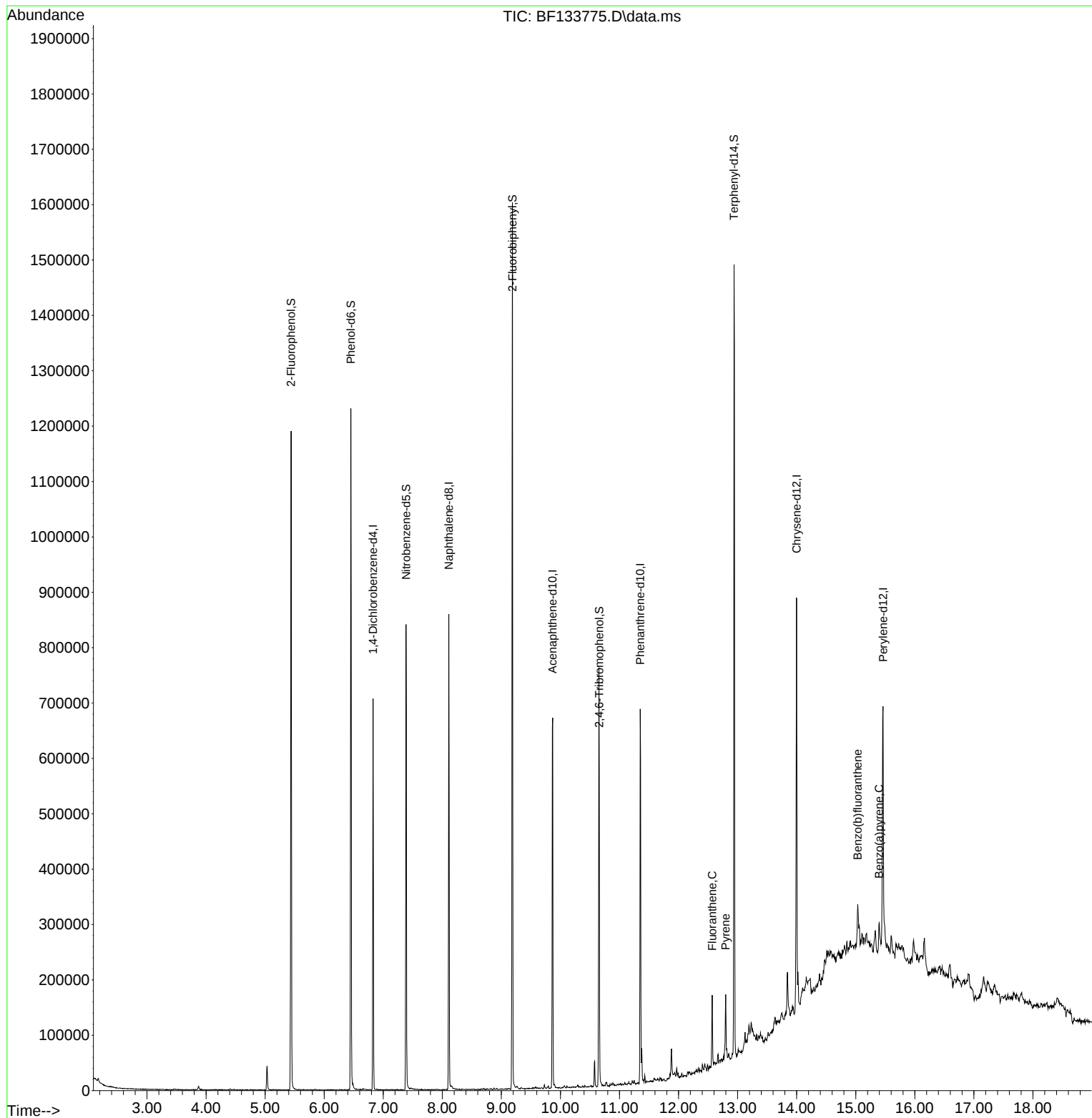
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	89274	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	323589	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	136742	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	244970	20.000	ng	0.00
76) Chrysene-d12	13.998	240	225099	20.000	ng	0.00
86) Perylene-d12	15.462	264	202703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	283317	55.249	ng	0.00
7) Phenol-d6	6.451	99	336814	50.459	ng	-0.01
23) Nitrobenzene-d5	7.387	82	230374	38.777	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	83273	48.109	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	431132	44.819	ng	0.00
79) Terphenyl-d14	12.939	244	478826	32.915	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.569	202	47692	3.614	ng	98
78) Pyrene	12.798	202	48466	2.311	ng	98
88) Benzo(b)fluoranthene	15.033	252	33609m	2.729	ng	
90) Benzo(a)pyrene	15.398	252	23091	2.021	ng	# 88

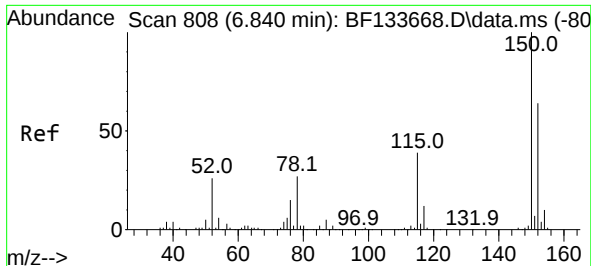
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133775.D
Acq On : 15 Jun 2023 15:10
Operator : CG\JU
Sample : 03160-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PNNL-B-0609-1

Quant Time: Jun 15 15:40:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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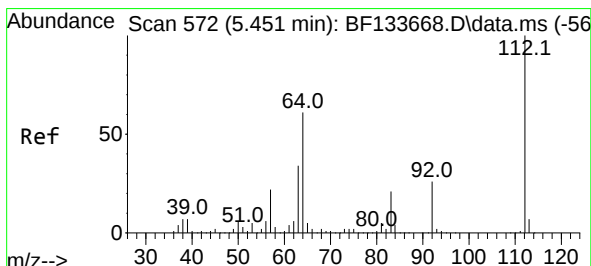
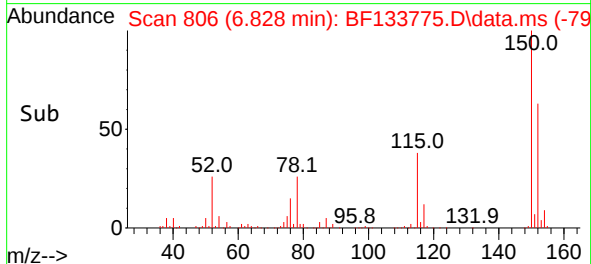
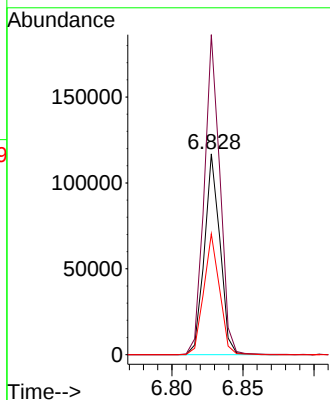
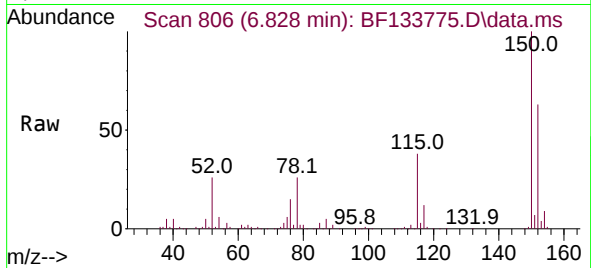




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

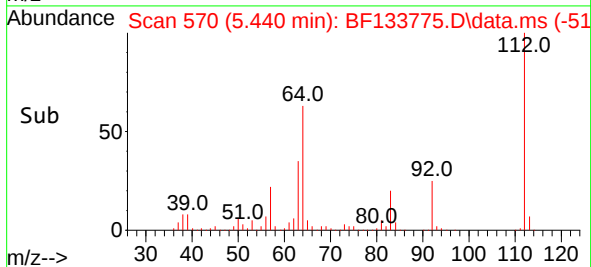
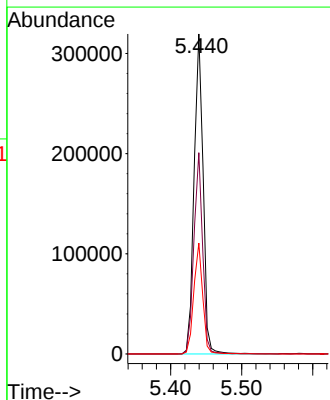
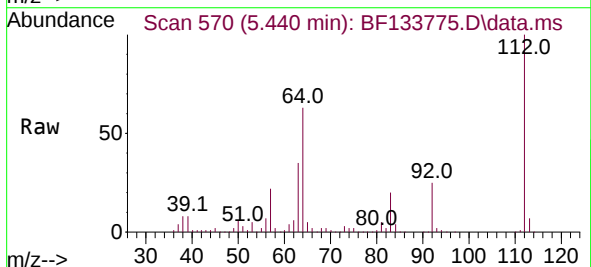
Instrument :
BNA_F
ClientSampleId :
PNNL-B-0609-1

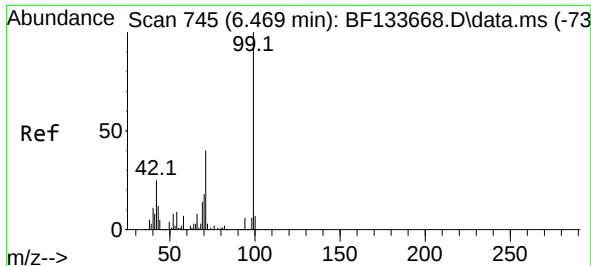
Tgt Ion:152 Resp: 89274
Ion Ratio Lower Upper
152 100
150 159.4 124.3 186.5
115 60.2 48.5 72.7



#5
2-Fluorophenol
Concen: 55.249 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

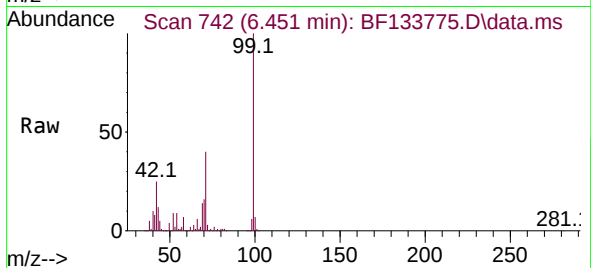
Tgt Ion:112 Resp: 283317
Ion Ratio Lower Upper
112 100
64 62.9 49.0 73.4
63 34.6 26.8 40.2



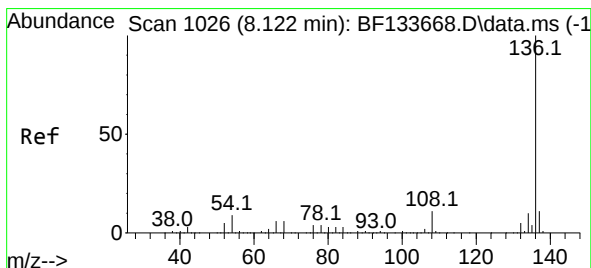
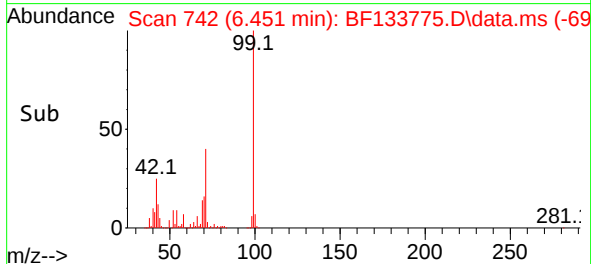
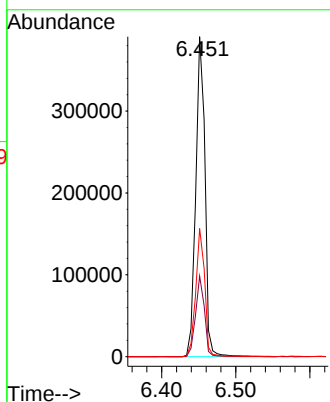


#7
Phenol-d6
Concen: 50.459 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PNNL-B-0609-1

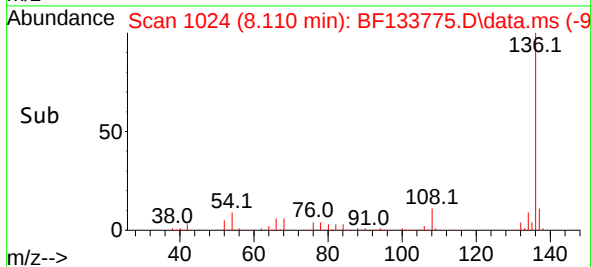
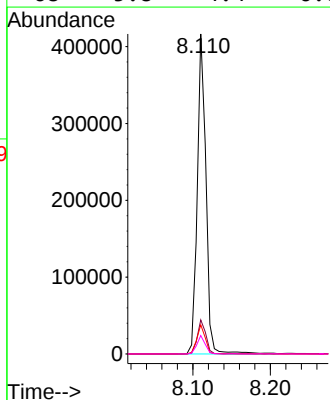
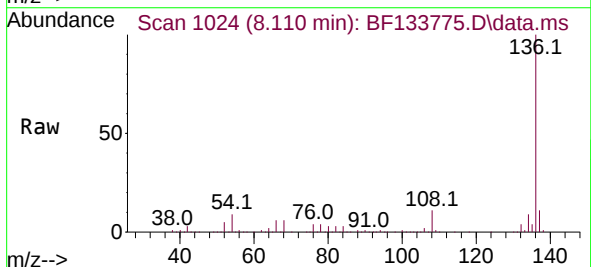


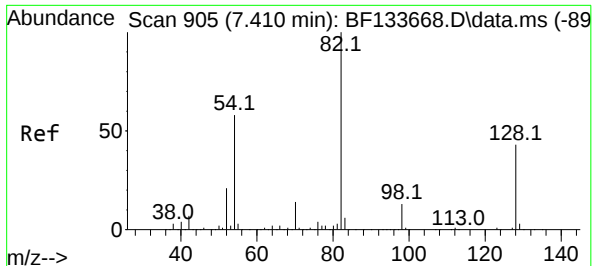
Tgt Ion:	99	Resp:	336814
Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.9	29.9
71	40.1	32.2	48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Tgt Ion:	136	Resp:	323589
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.1	7.4	11.0
68	5.8	4.4	6.6





#23

Nitrobenzene-d5

Concen: 38.777 ng

RT: 7.387 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133775.D

Acq: 15 Jun 2023 15:10

Instrument :

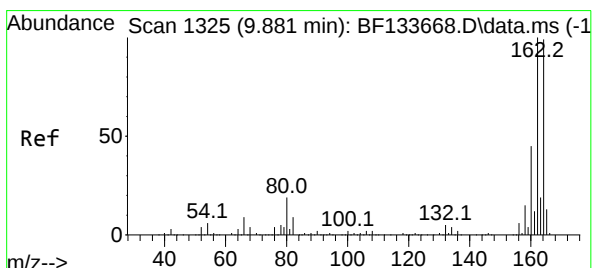
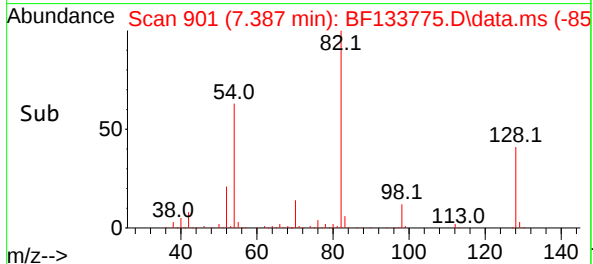
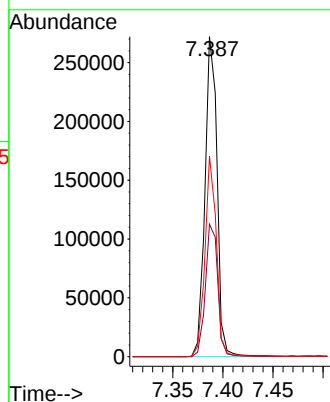
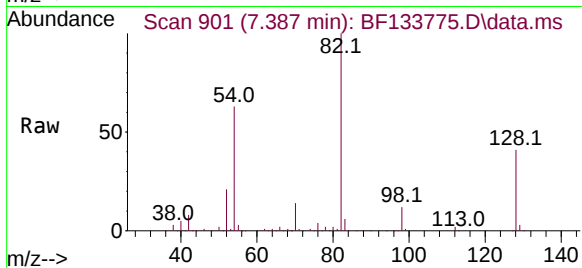
BNA_F

ClientSampleId :

PNNL-B-0609-1

Tgt Ion: 82 Resp: 230374

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.2	51.2
54	62.7	46.5	69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

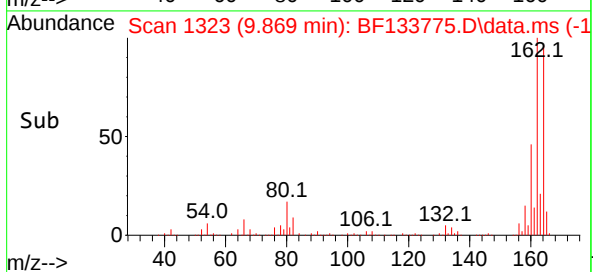
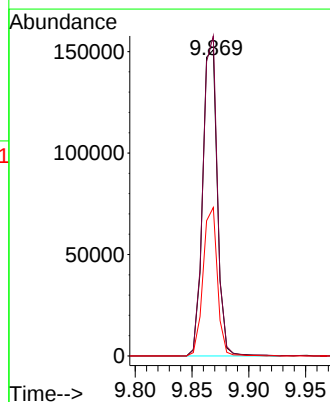
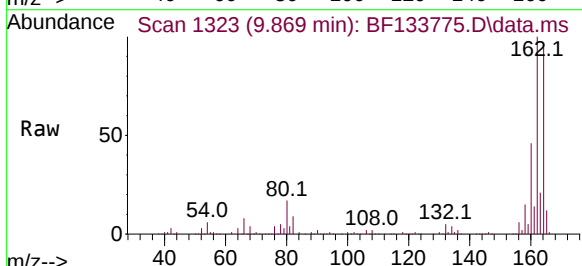
Delta R.T. -0.000 min

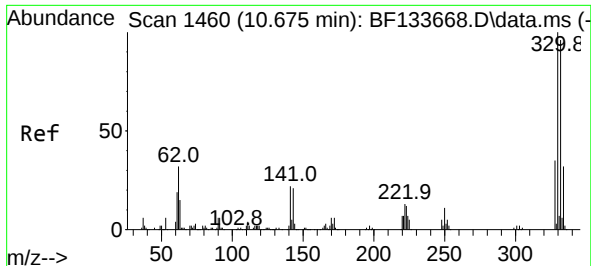
Lab File: BF133775.D

Acq: 15 Jun 2023 15:10

Tgt Ion: 164 Resp: 136742

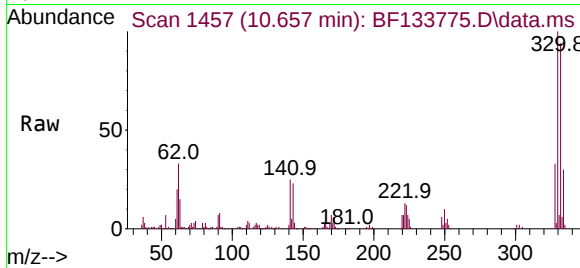
Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.8	121.2
160	48.5	36.7	55.1



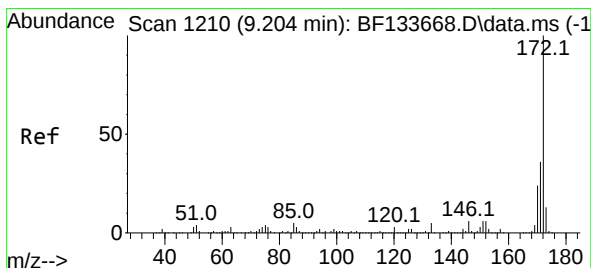
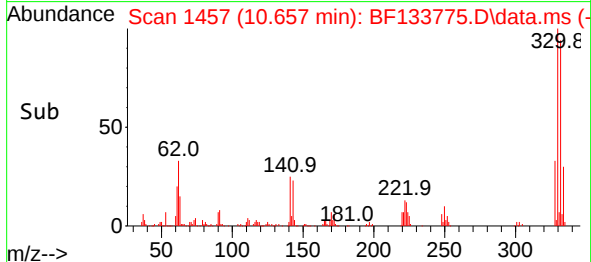
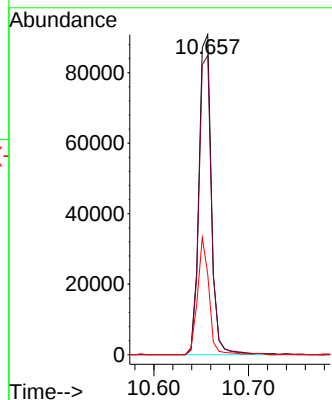


#42
2,4,6-Tribromophenol
Concen: 48.109 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PNNL-B-0609-1

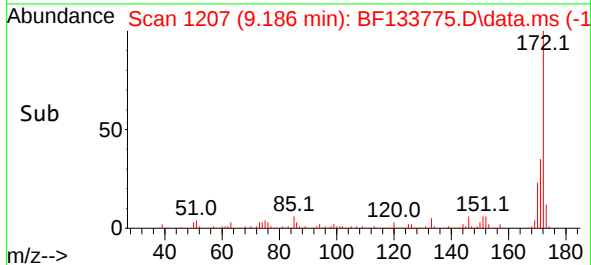
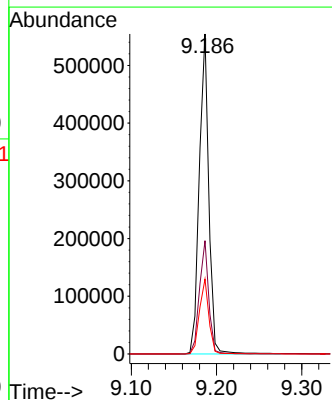
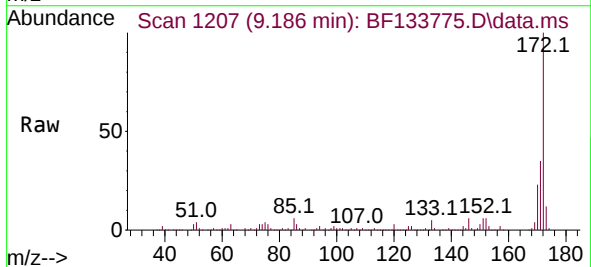


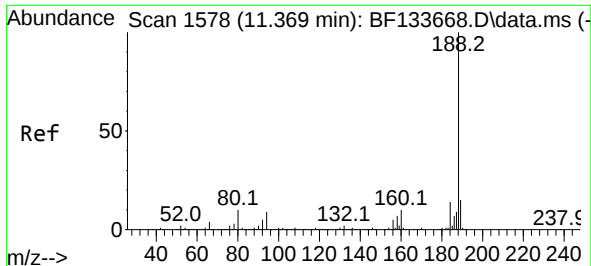
Tgt Ion: 330 Resp: 83273
Ion Ratio Lower Upper
330 100
332 94.4 77.2 115.8
141 33.5 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 44.819 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Tgt Ion: 172 Resp: 431132
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 19.1 28.7

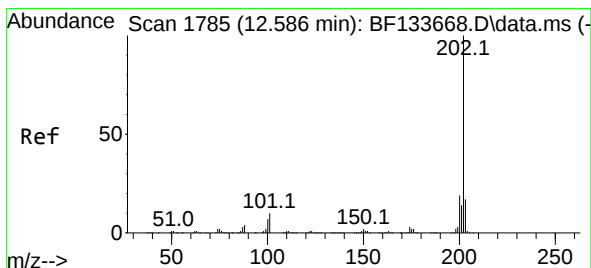
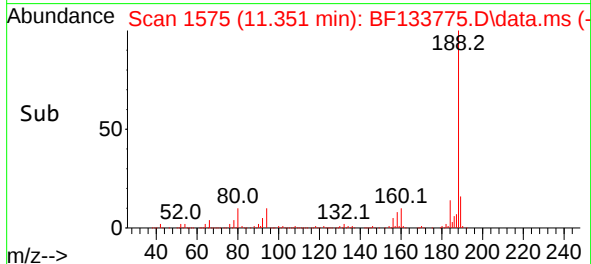
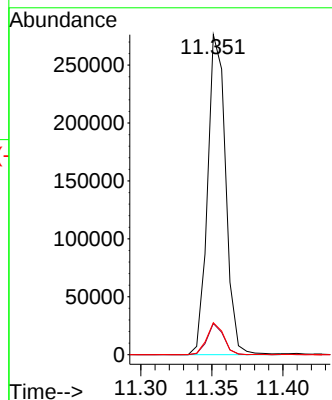
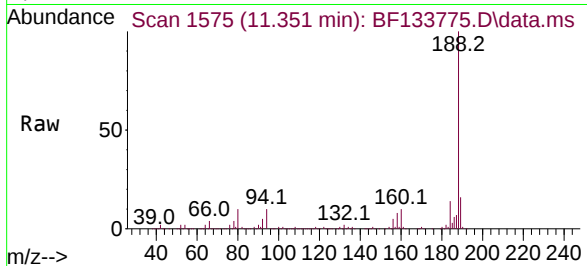




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

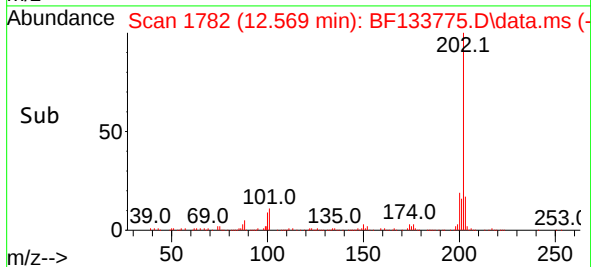
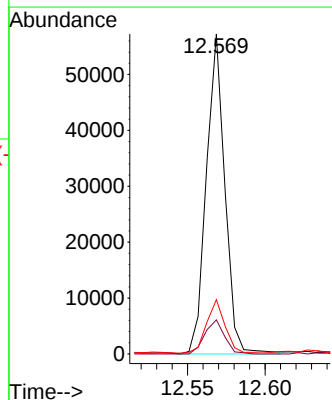
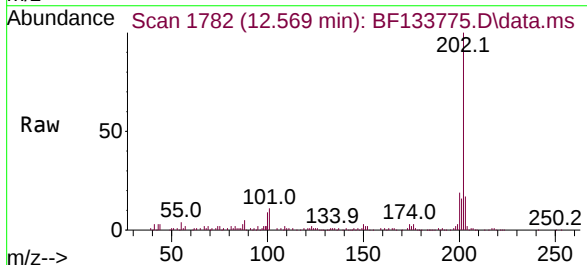
Instrument :
BNA_F
ClientSampleId :
PNNL-B-0609-1

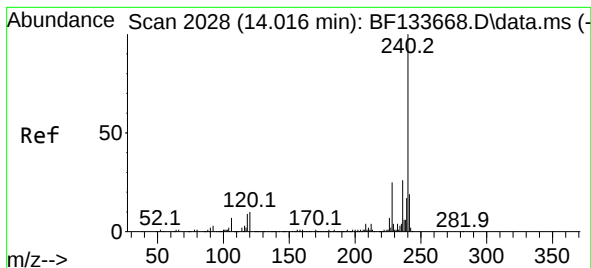
Tgt Ion:188 Resp: 244970
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.0 7.8 11.6



#75
Fluoranthene
Concen: 3.614 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Tgt Ion:202 Resp: 47692
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.0 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133775.D

Acq: 15 Jun 2023 15:10

Instrument :

BNA_F

ClientSampleId :

PNNL-B-0609-1

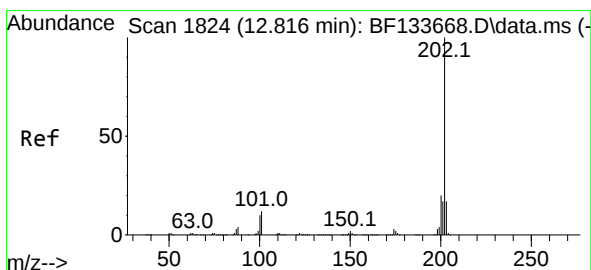
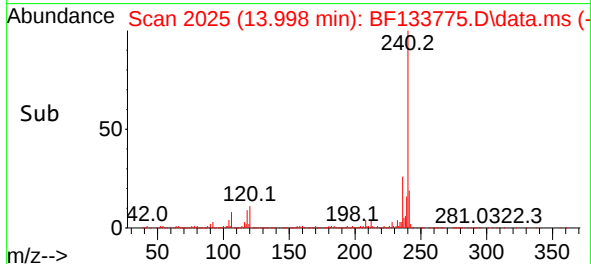
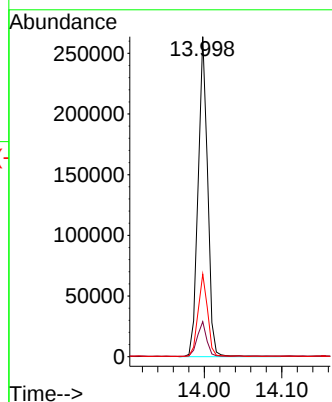
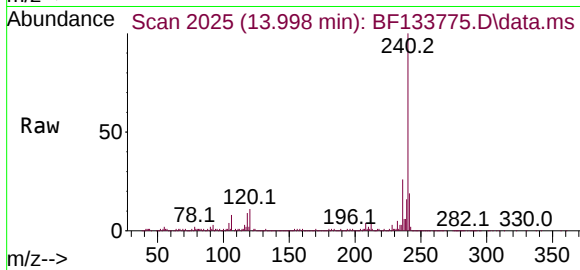
Tgt Ion:240 Resp: 225099

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 25.8 20.5 30.7



#78

Pyrene

Concen: 2.311 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF133775.D

Acq: 15 Jun 2023 15:10

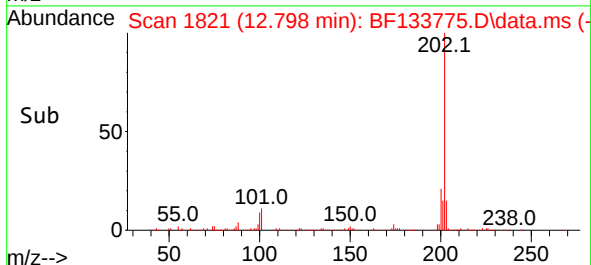
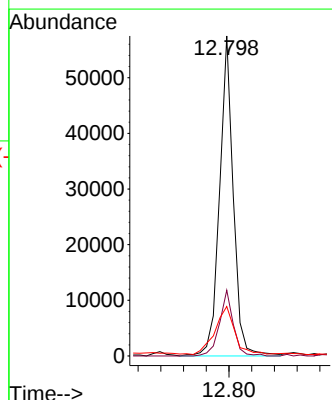
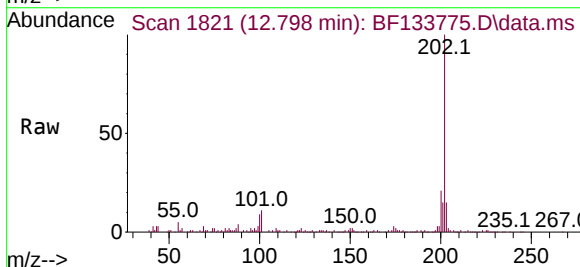
Tgt Ion:202 Resp: 48466

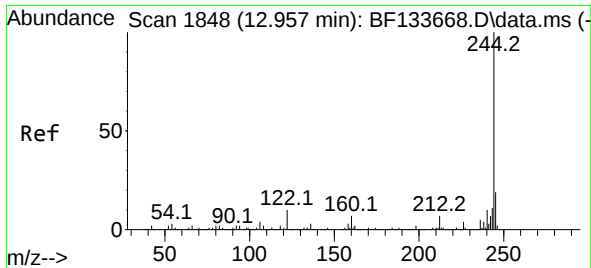
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 15.5 13.9 20.9

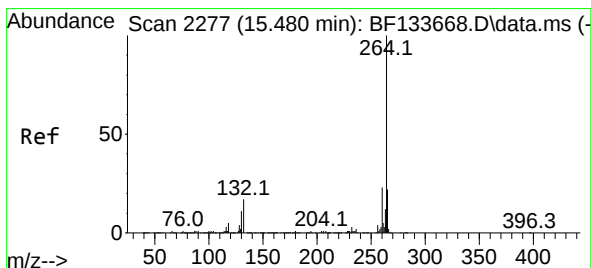
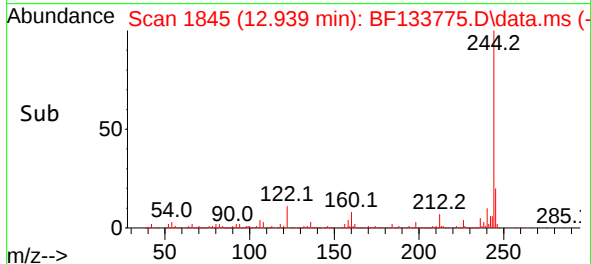
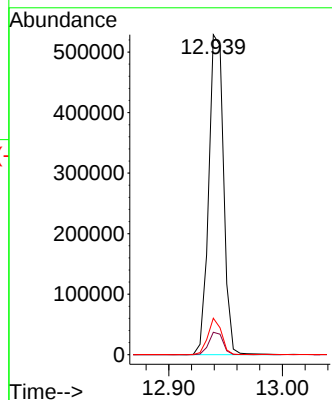
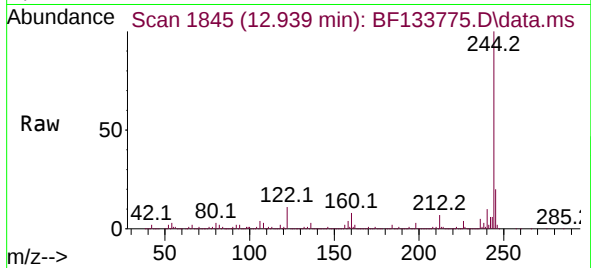




#79
 Terphenyl-d14
 Concen: 32.915 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BF133775.D
 Acq: 15 Jun 2023 15:10

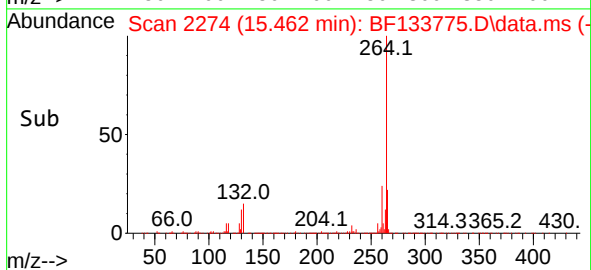
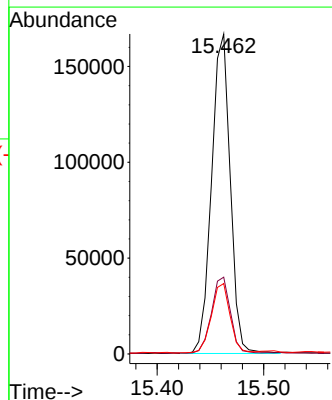
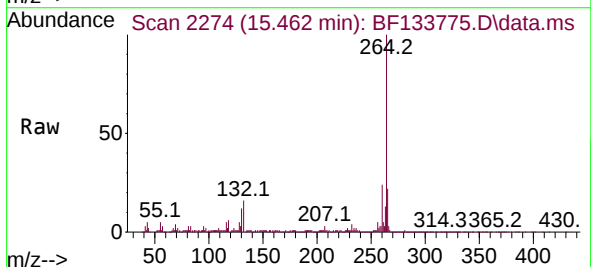
Instrument :
 BNA_F
 ClientSampleId :
 PNNL-B-0609-1

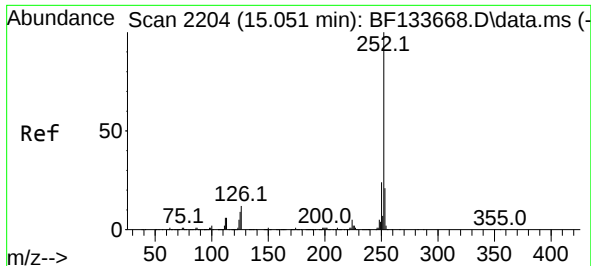
Tgt Ion:244 Resp: 478826
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF133775.D
 Acq: 15 Jun 2023 15:10

Tgt Ion:264 Resp: 202703
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 22.0 17.8 26.6

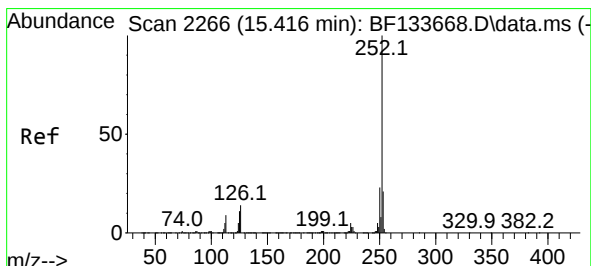
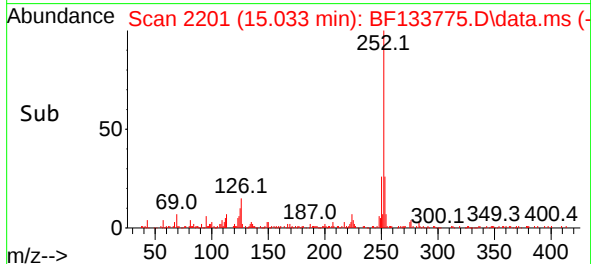
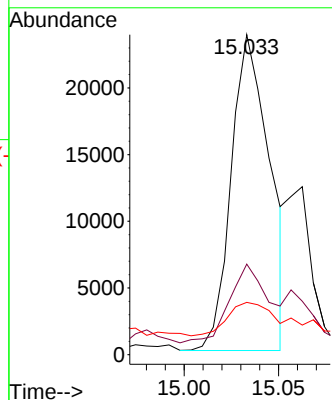
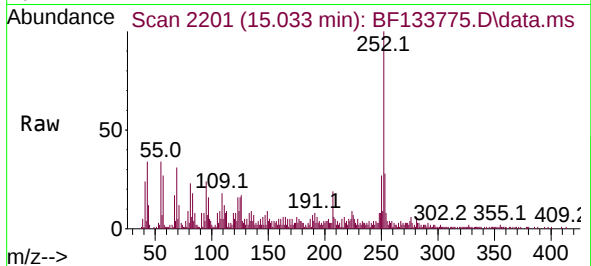




#88
Benzo(b)fluoranthene
Concen: 2.729 ng m
RT: 15.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Instrument :
BNA_F
ClientSampleId :
PNNL-B-0609-1

Tgt Ion:252 Resp: 33609
Ion Ratio Lower Upper
252 100
253 28.3 17.0 25.6#
125 16.3 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.021 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF133775.D
Acq: 15 Jun 2023 15:10

Tgt Ion:252 Resp: 23091
Ion Ratio Lower Upper
252 100
253 26.1 17.1 25.7#
125 17.2 8.6 13.0#

