

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133808.D
 Acq On : 16 Jun 2023 15:53
 Operator : CG\JU
 Sample : 03140-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 16 16:21:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	119471	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	440998	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	218709	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	387515	20.000	ng	0.00
76) Chrysene-d12	14.045	240	237180	20.000	ng	0.00
86) Perylene-d12	15.557	264	202104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	647129	94.298	ng	0.01
7) Phenol-d6	6.498	99	812435	90.950	ng	0.00
23) Nitrobenzene-d5	7.428	82	617341	76.246	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	274784	99.255	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1118402	72.691	ng	0.00
79) Terphenyl-d14	12.992	244	1169205	76.278	ng	0.00

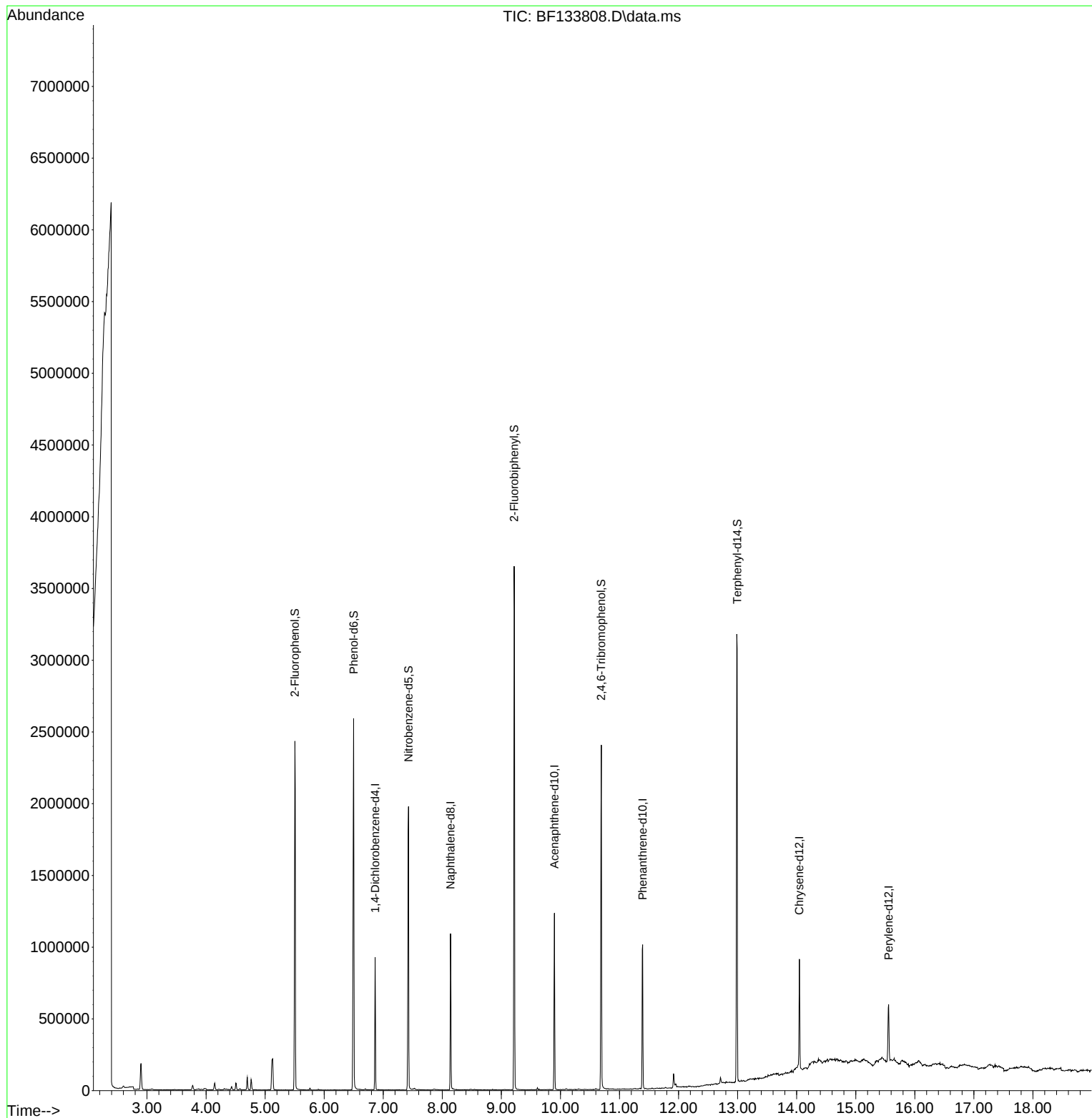
Target Compounds	Qvalue

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

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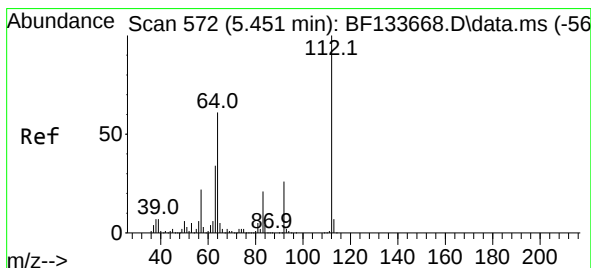
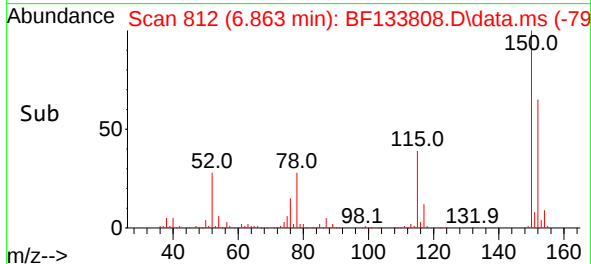
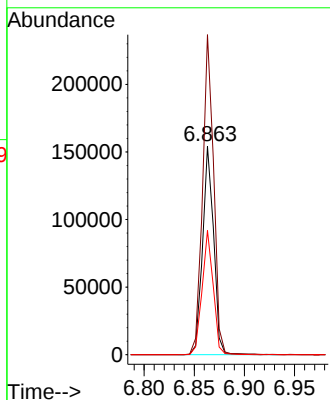
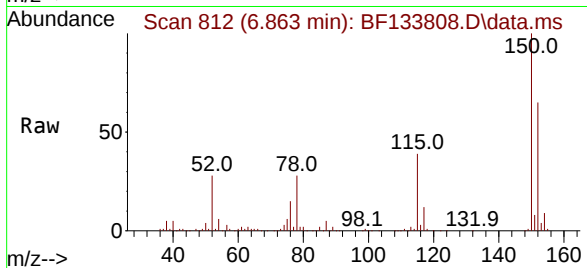




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

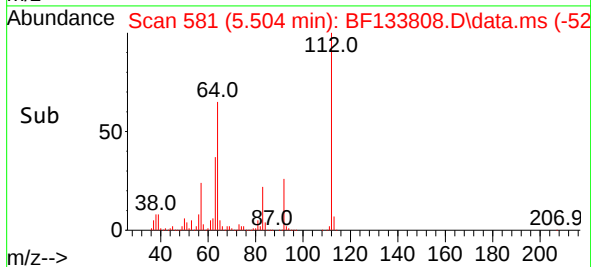
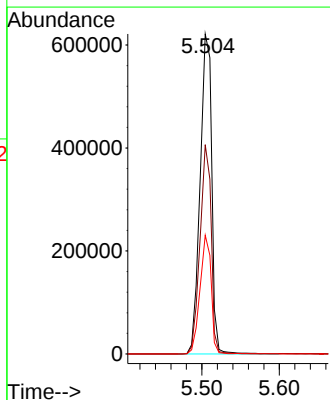
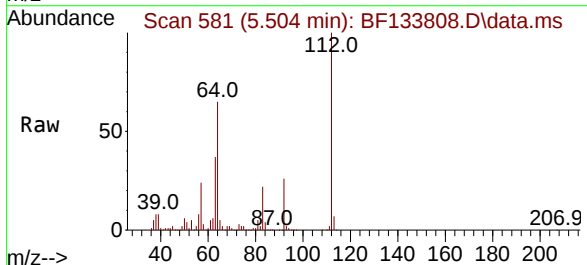
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

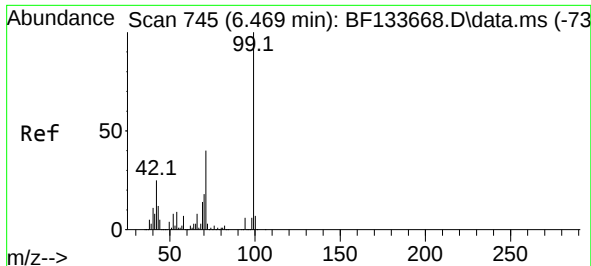
Tgt Ion:152 Resp: 119471
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 94.298 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion:112 Resp: 647129
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.4
63 37.1 26.8 40.2

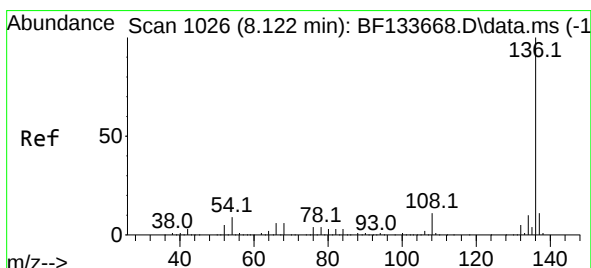
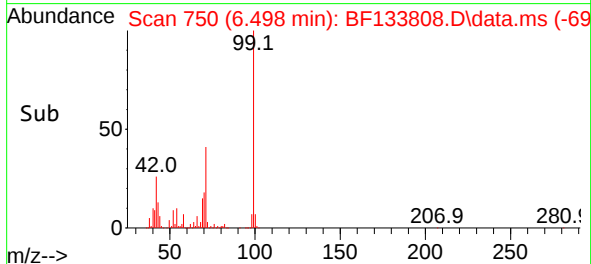
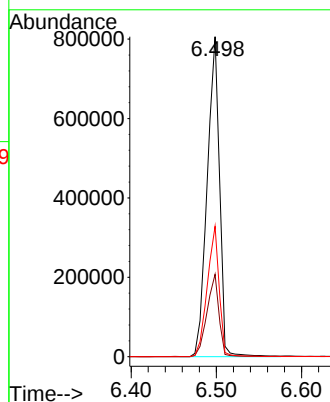
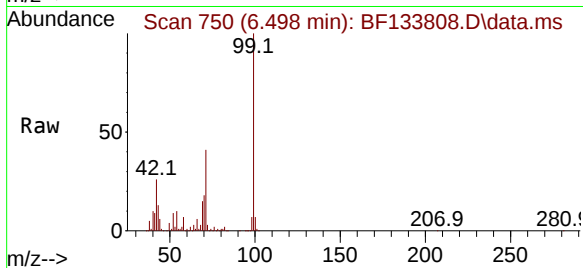




#7
Phenol-d6
Concen: 90.950 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

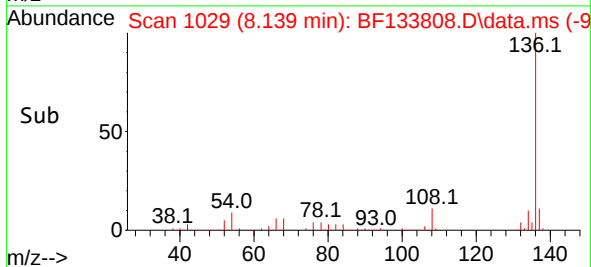
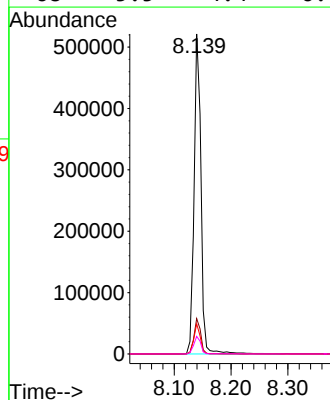
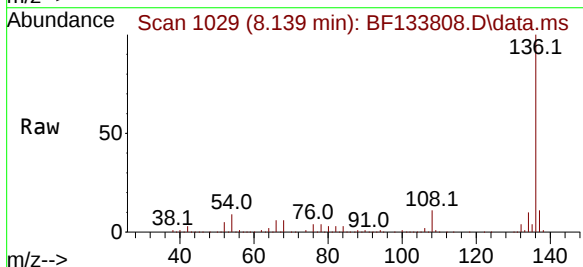
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion: 99 Resp: 812435
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 40.7 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion: 136 Resp: 440998
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 7.4 11.0
68 5.5 4.4 6.6

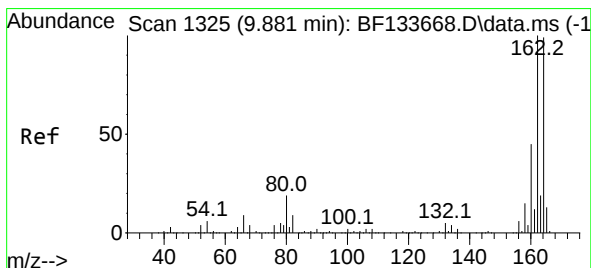
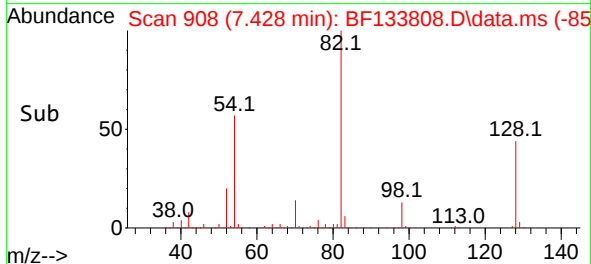
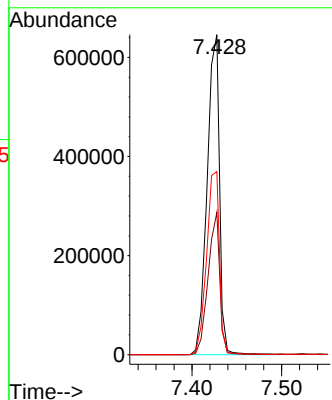
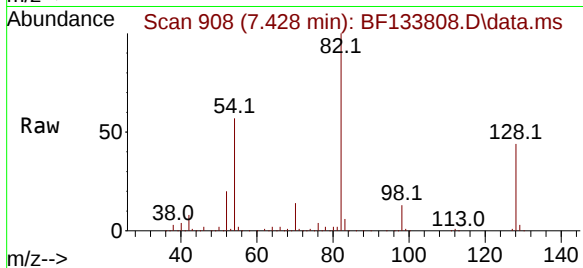




#23
Nitrobenzene-d5
Concen: 76.246 ng
RT: 7.428 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

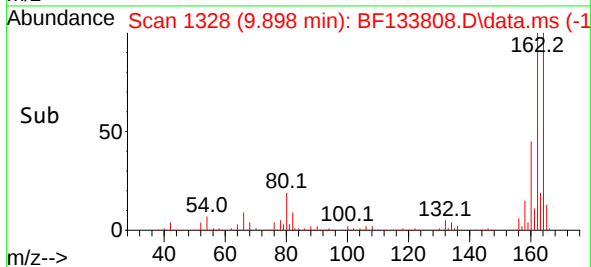
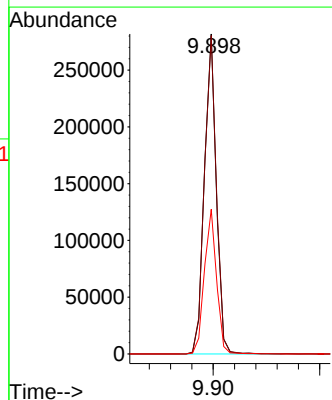
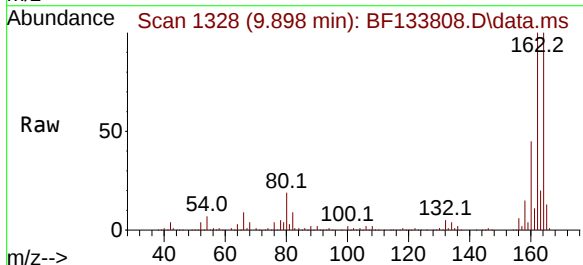
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

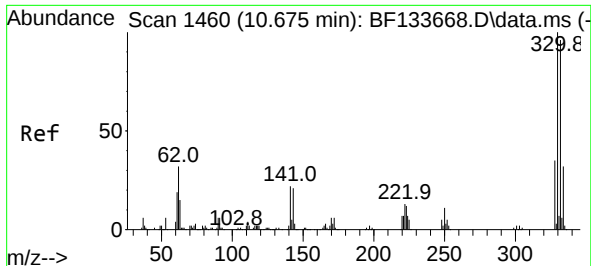
Tgt Ion: 82 Resp: 617341
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.2
54 57.2 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

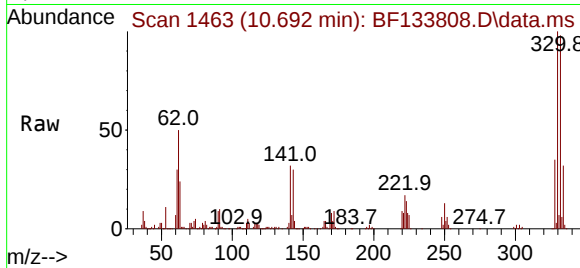
Tgt Ion:164 Resp: 218709
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 45.2 36.7 55.1





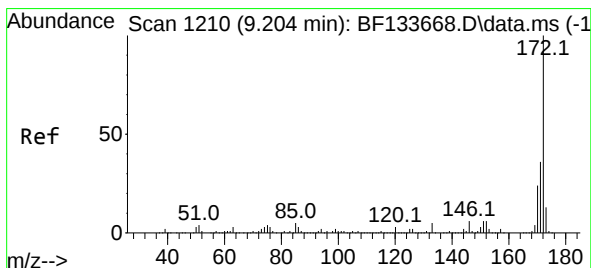
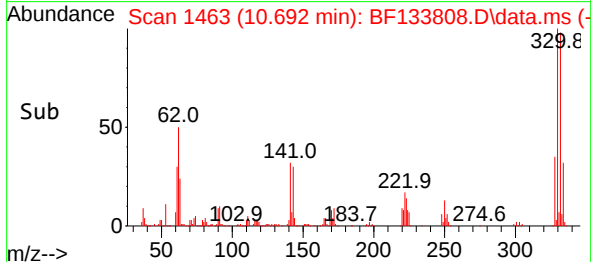
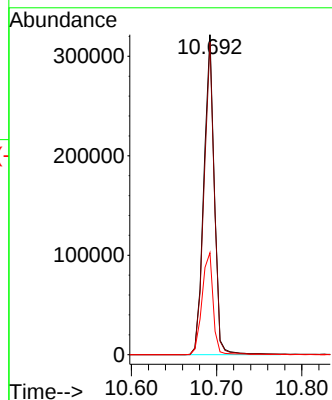
#42
 2,4,6-Tribromophenol
 Concen: 99.255 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. 0.000 min
 Lab File: BF133808.D
 Acq: 16 Jun 2023 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA



Tgt Ion: 330 Resp: 274784

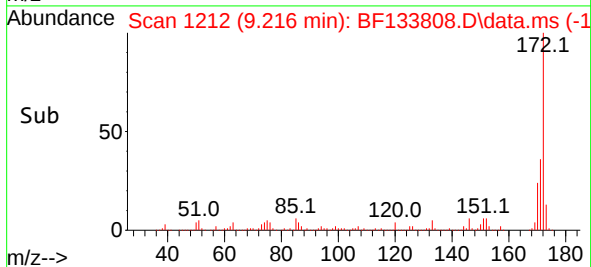
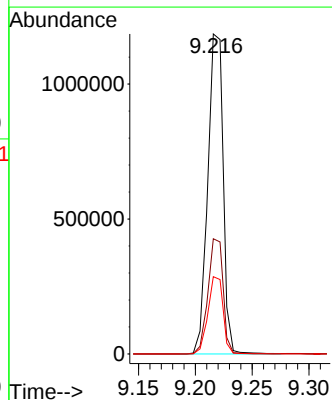
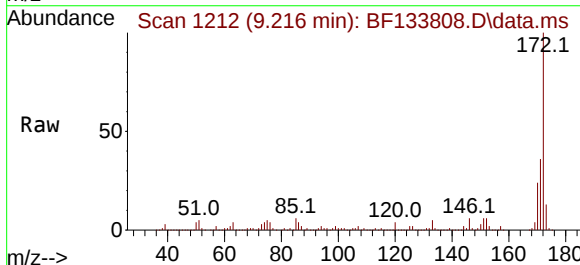
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	33.9	24.9	37.3

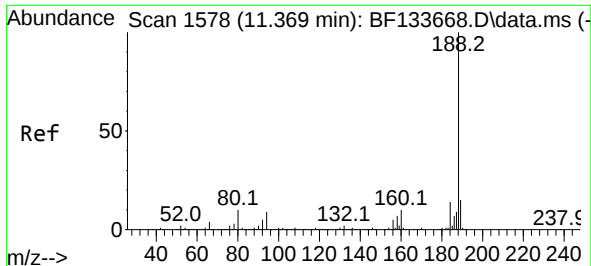


#45
 2-Fluorobiphenyl
 Concen: 72.691 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF133808.D
 Acq: 16 Jun 2023 15:53

Tgt Ion: 172 Resp: 1118402

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.1	28.7

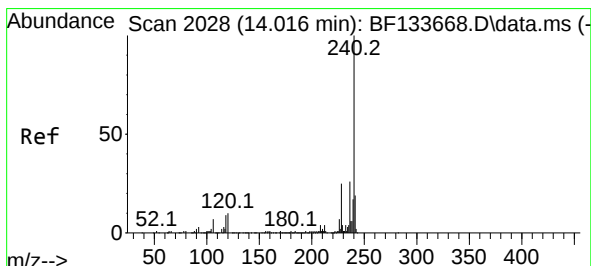
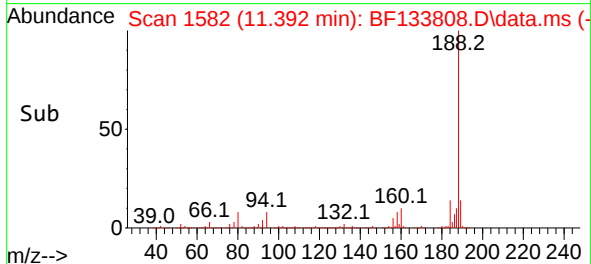
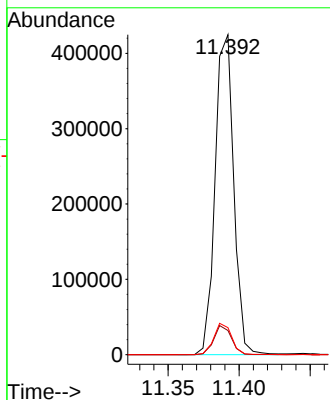
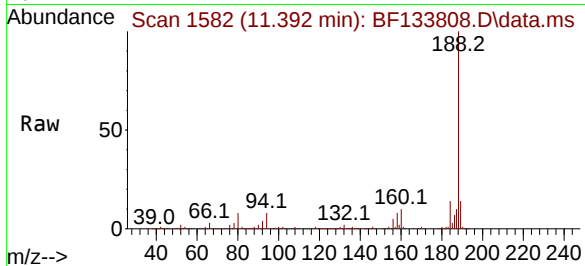




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

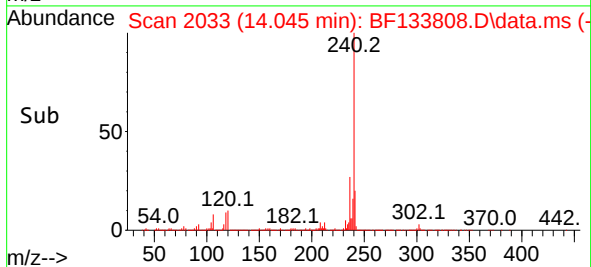
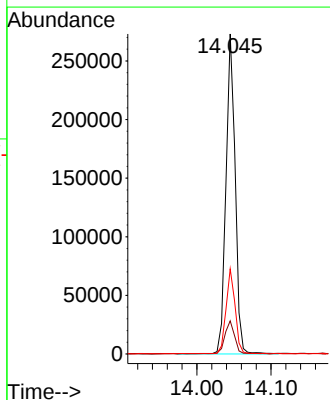
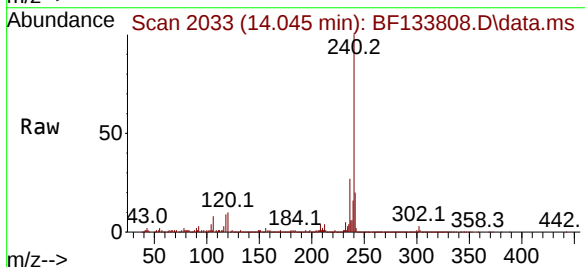
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

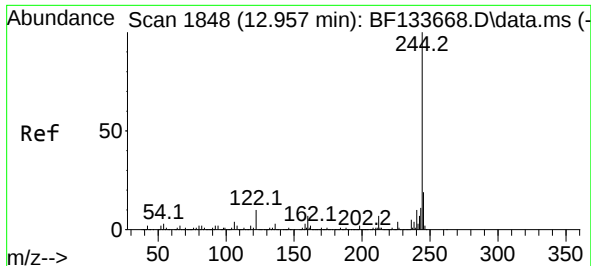
Tgt Ion:188 Resp: 387515
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.4 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion:240 Resp: 237180
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.6 20.5 30.7

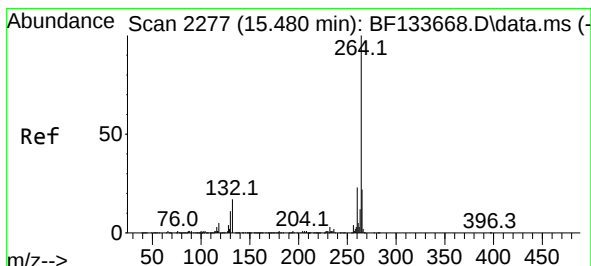
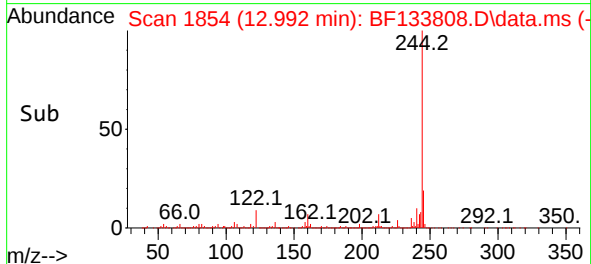
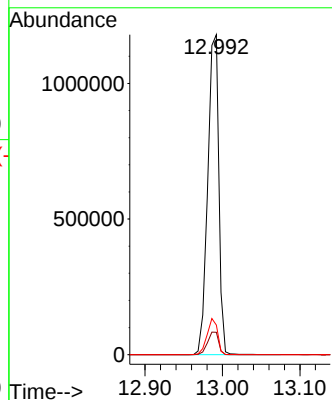
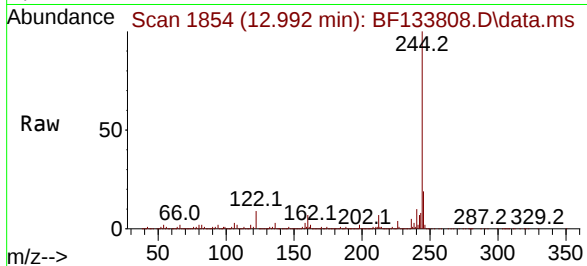




#79
 Terphenyl-d14
 Concen: 76.278 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133808.D
 Acq: 16 Jun 2023 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Tgt Ion:244 Resp: 1169205
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133808.D
 Acq: 16 Jun 2023 15:53

Tgt Ion:264 Resp: 202104
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 21.9 17.8 26.6

