

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133184.D
 Acq On : 02 May 2023 12:42
 Operator : CG\JU
 Sample : 02521-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-15

Quant Time: May 03 06:18:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	202539	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	828276	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	431004	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	775776	20.000	ng	0.00
76) Chrysene-d12	13.880	240	487304	20.000	ng	-0.01
86) Perylene-d12	15.304	264	371572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	772668	57.628	ng	0.00
7) Phenol-d6	6.363	99	602588	36.209	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1166230	76.001	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	537707	124.051	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1998010	77.555	ng	0.00
79) Terphenyl-d14	12.839	244	2178157	77.089	ng	0.00

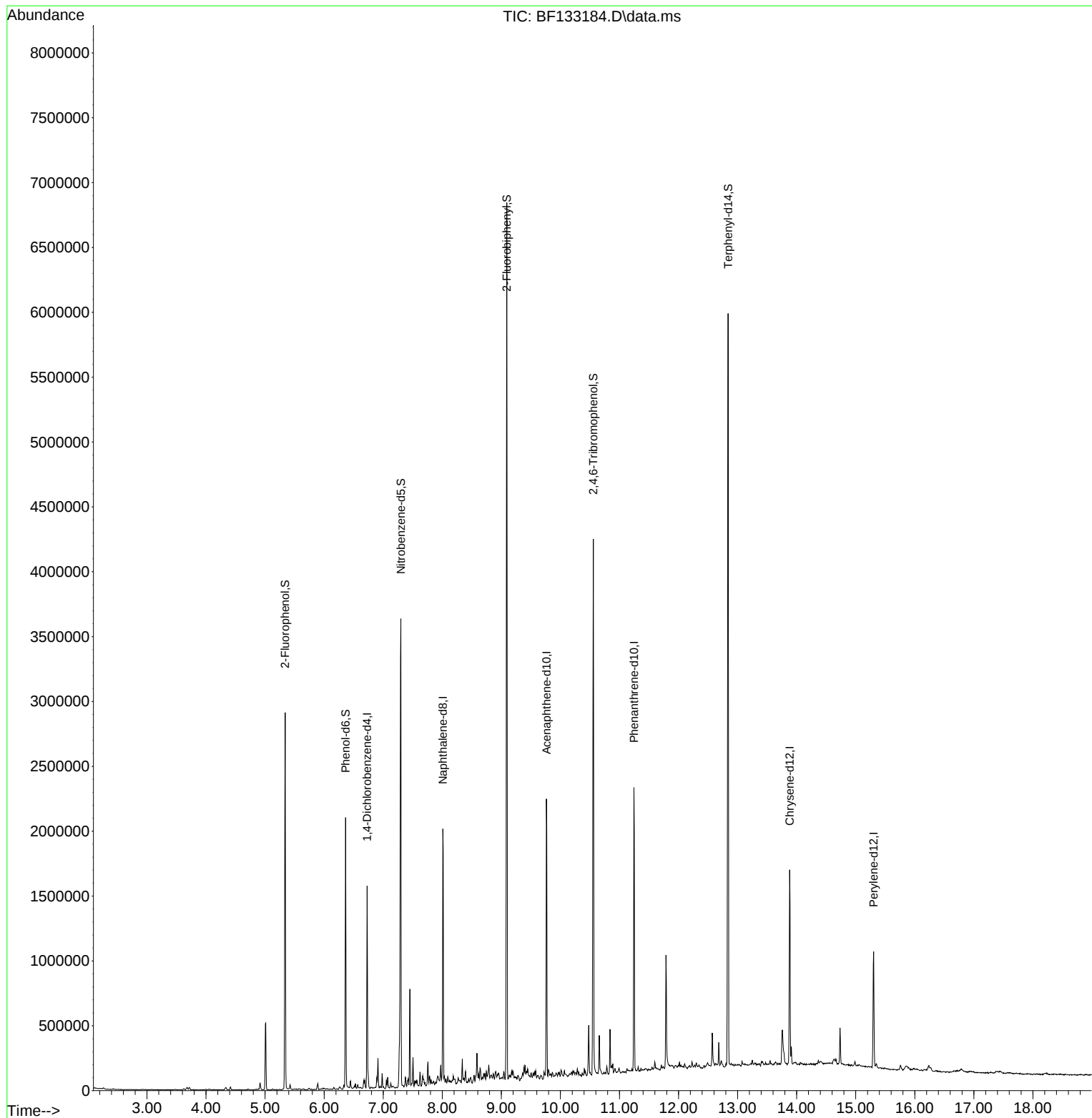
Target Compounds	Qvalue

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

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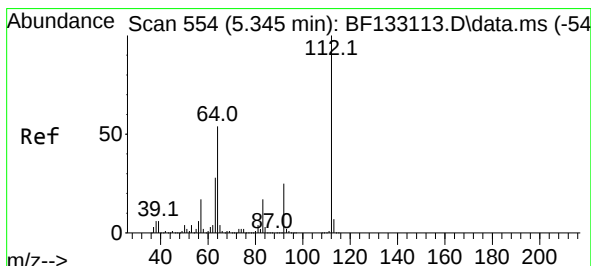
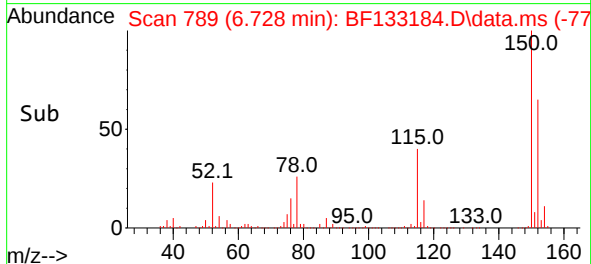
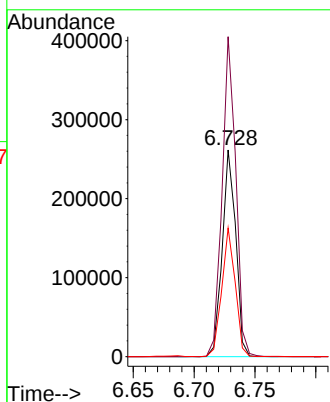
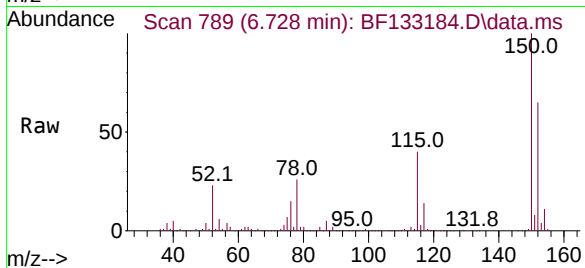




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133184.D
 Acq: 02 May 2023 12:42

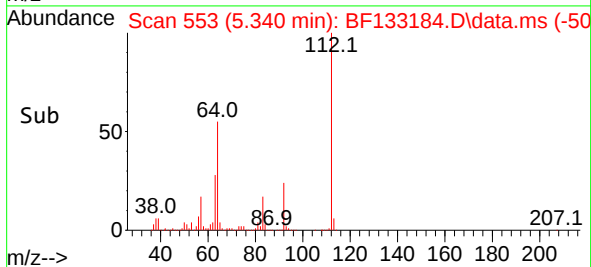
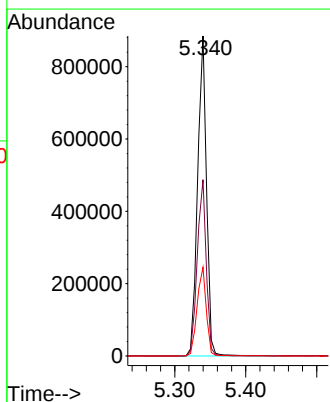
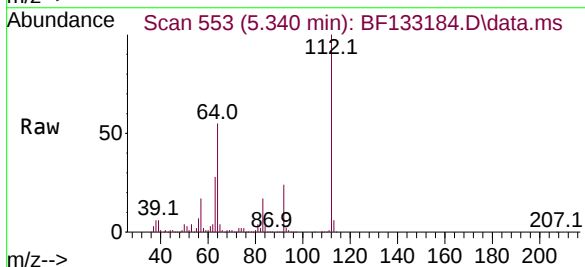
Instrument :
 BNA_F
 ClientSampleId :
 PZ-15

Tgt Ion:152 Resp: 202539
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.8 187.2
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 57.628 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133184.D
 Acq: 02 May 2023 12:42

Tgt Ion:112 Resp: 772668
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.8 70.2
 63 27.7 23.8 35.8

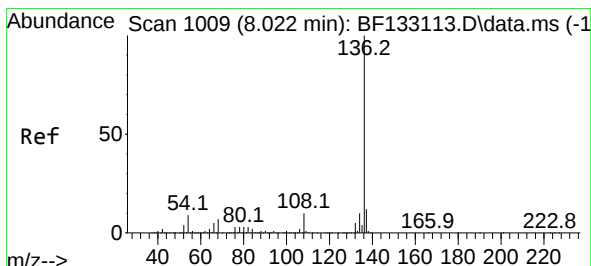
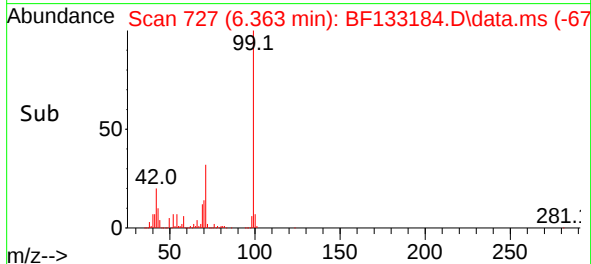
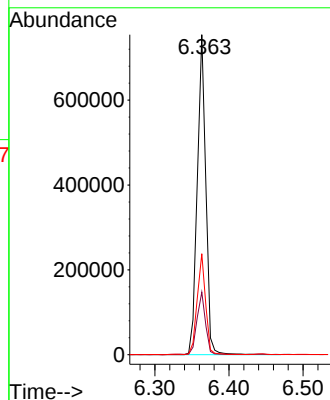
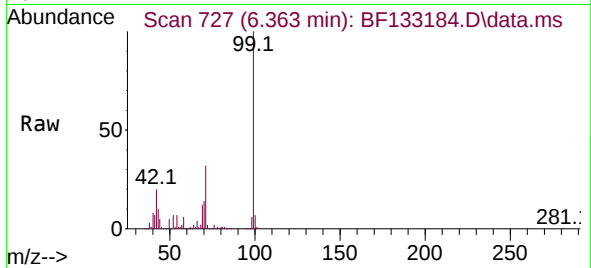




#7
Phenol-d6
Concen: 36.209 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

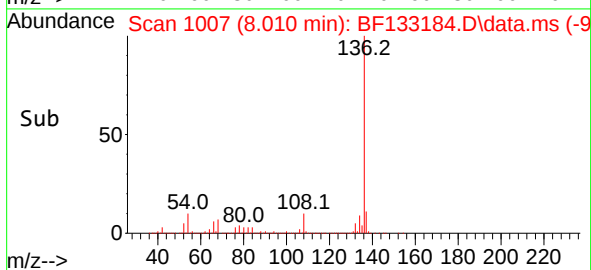
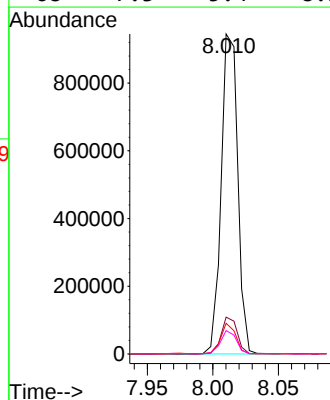
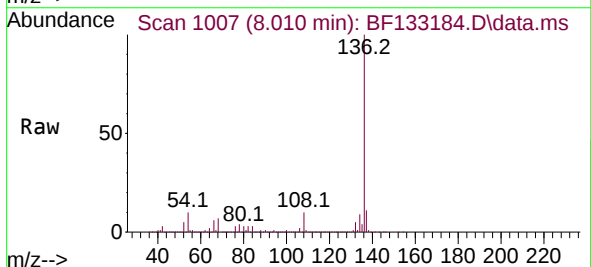
Instrument :
BNA_F
ClientSampleId :
PZ-15

Tgt Ion: 99 Resp: 602588
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion: 136 Resp: 828276
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.6 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.001 ng

RT: 7.298 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133184.D

Acq: 02 May 2023 12:42

Instrument :

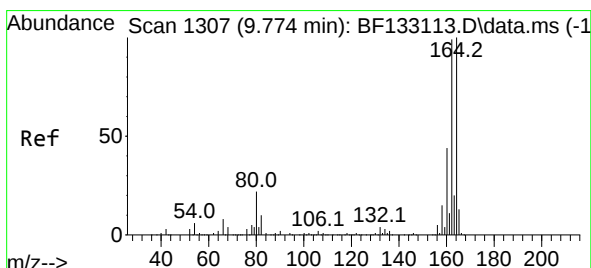
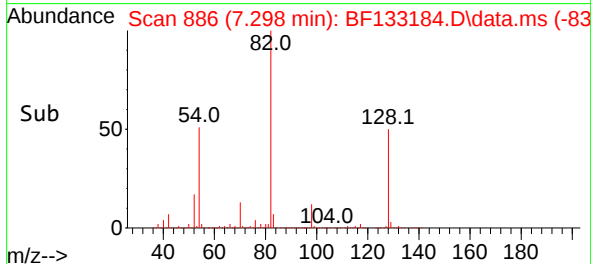
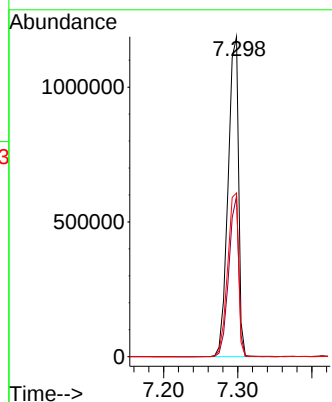
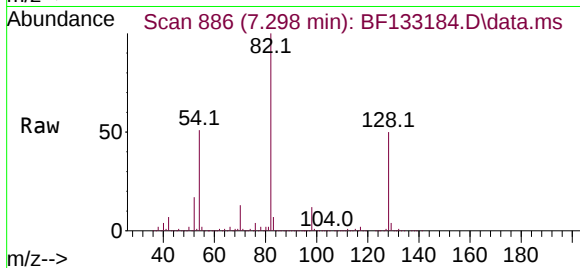
BNA_F

ClientSampleId :

PZ-15

Tgt Ion: 82 Resp: 1166230

Ion	Ratio	Lower	Upper
82	100		
128	50.2	37.7	56.5
54	51.1	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

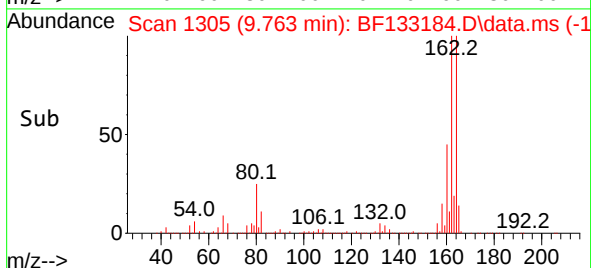
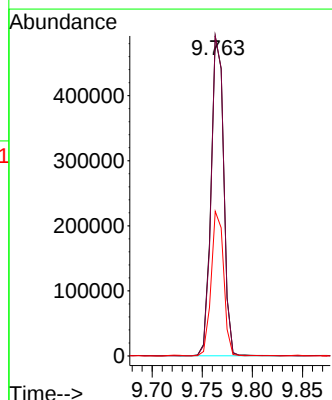
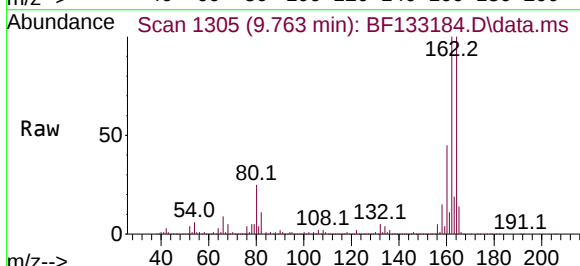
Delta R.T. -0.006 min

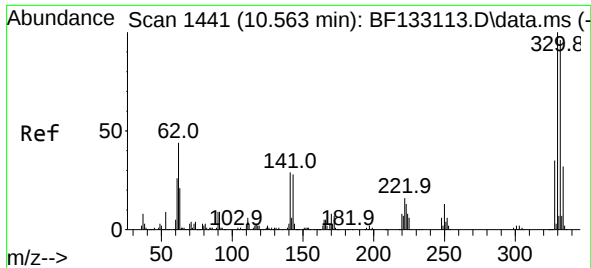
Lab File: BF133184.D

Acq: 02 May 2023 12:42

Tgt Ion:164 Resp: 431004

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	45.2	35.8	53.6

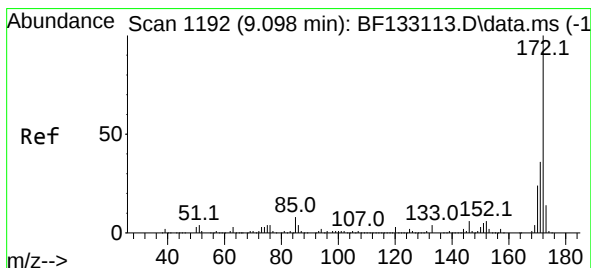
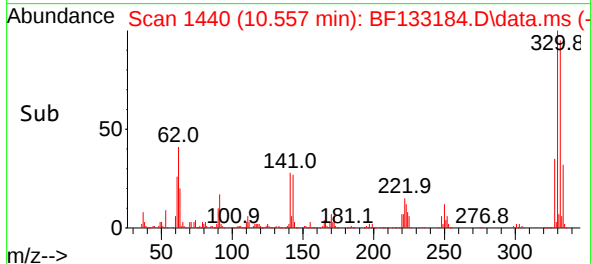
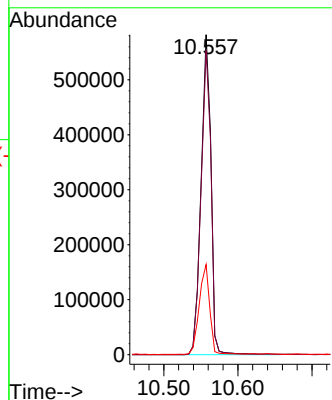
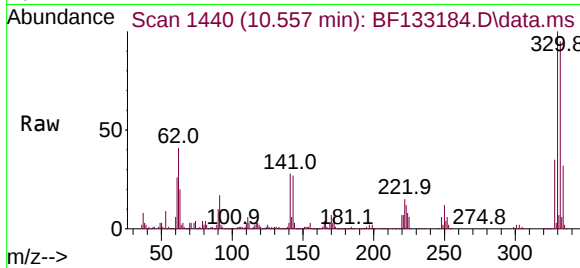




#42
2,4,6-Tribromophenol
Concen: 124.051 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

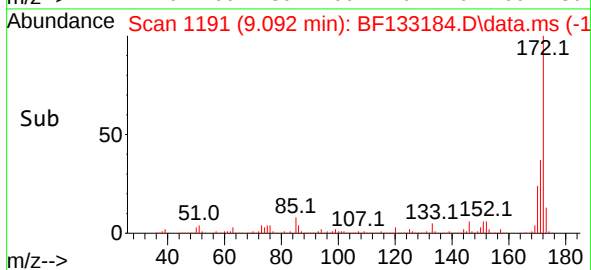
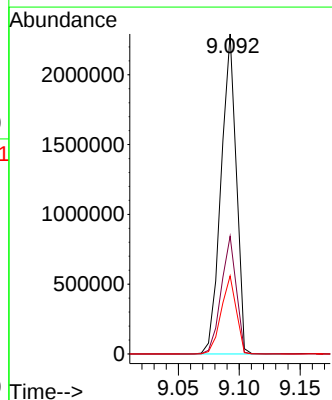
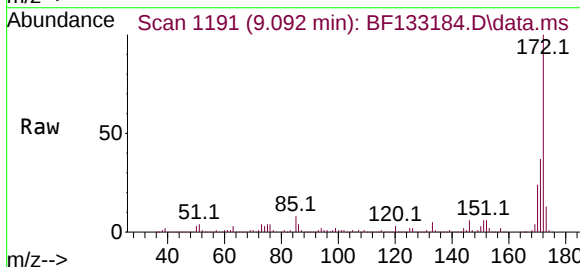
Instrument :
BNA_F
ClientSampleId :
PZ-15

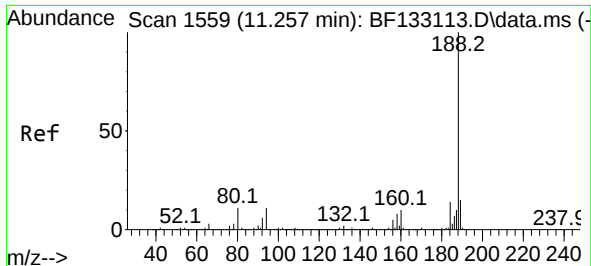
Tgt Ion:330 Resp: 537707
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 29.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.555 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion:172 Resp: 1998010
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 19.4 29.2

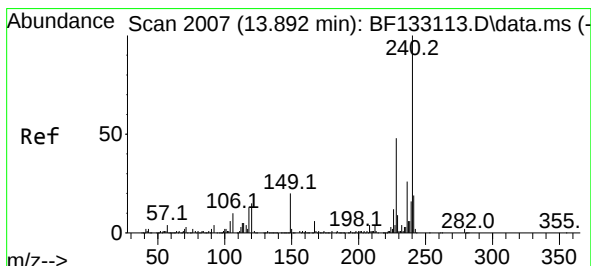
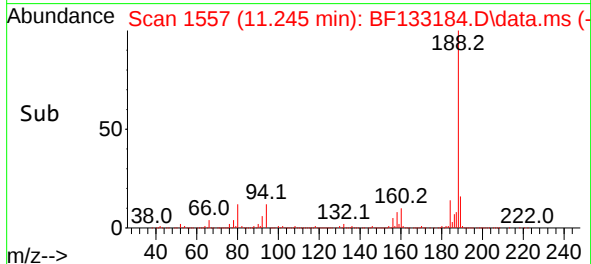
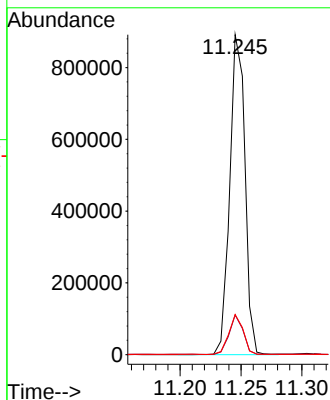
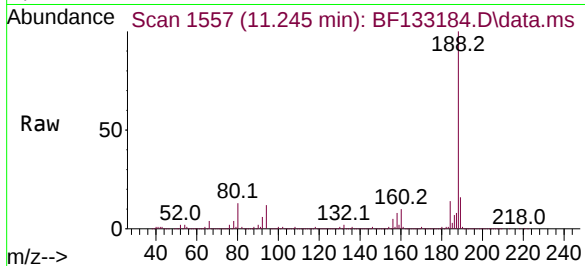




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

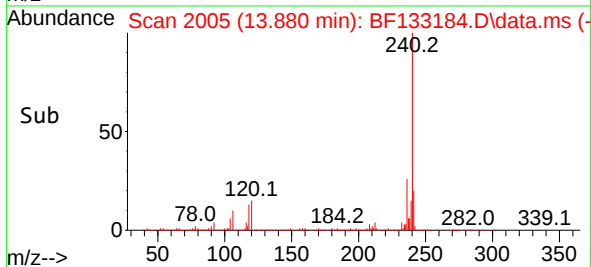
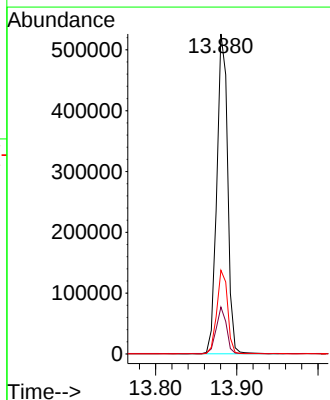
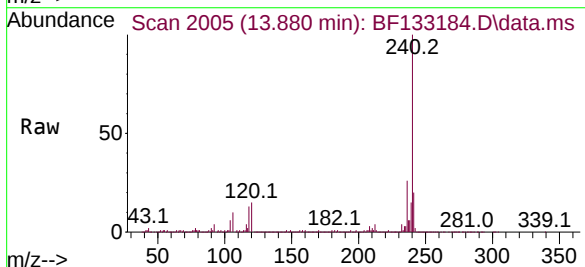
Instrument :
BNA_F
ClientSampleId :
PZ-15

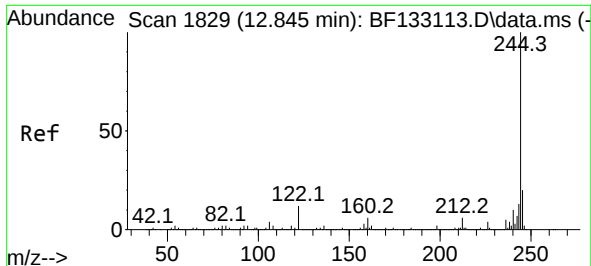
Tgt Ion:188 Resp: 775776
Ion Ratio Lower Upper
188 100
94 12.4 9.7 14.5
80 12.5 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion:240 Resp: 487304
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.2 21.5 32.3

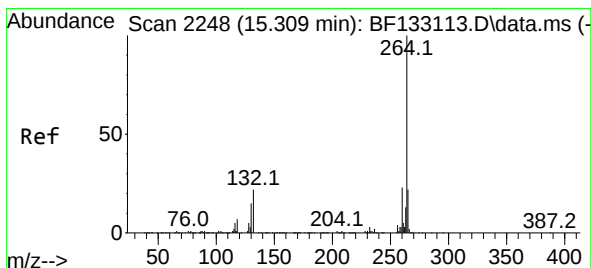
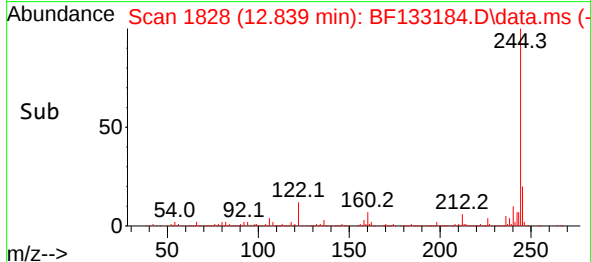
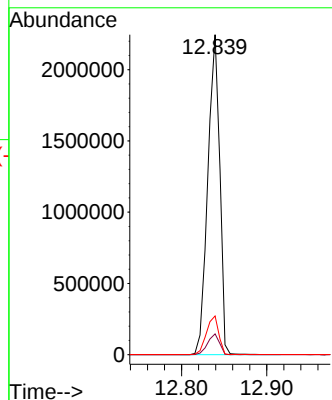
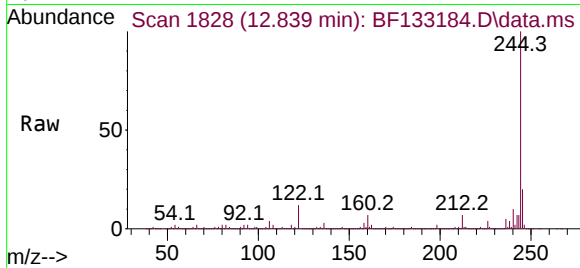




#79
 Terphenyl-d14
 Concen: 77.089 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133184.D
 Acq: 02 May 2023 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PZ-15

Tgt Ion:244 Resp: 2178157
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133184.D
 Acq: 02 May 2023 12:42

Tgt Ion:264 Resp: 371572
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.6 17.0 25.4

