

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133224.D
 Acq On : 04 May 2023 11:07
 Operator : CG\JU
 Sample : PB152560BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152560BL

Quant Time: May 04 11:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 11:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	254499	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	1068444	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	582561	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	1048865	20.000	ng	0.00
76) Chrysene-d12	13.880	240	713967	20.000	ng	0.00
86) Perylene-d12	15.298	264	602354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1975292	117.246	ng	0.02
7) Phenol-d6	6.375	99	2371653	113.416	ng	0.00
23) Nitrobenzene-d5	7.298	82	1493950	75.473	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	613008	104.631	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2399492	68.909	ng	0.00
79) Terphenyl-d14	12.839	244	2763497	66.755	ng	0.00

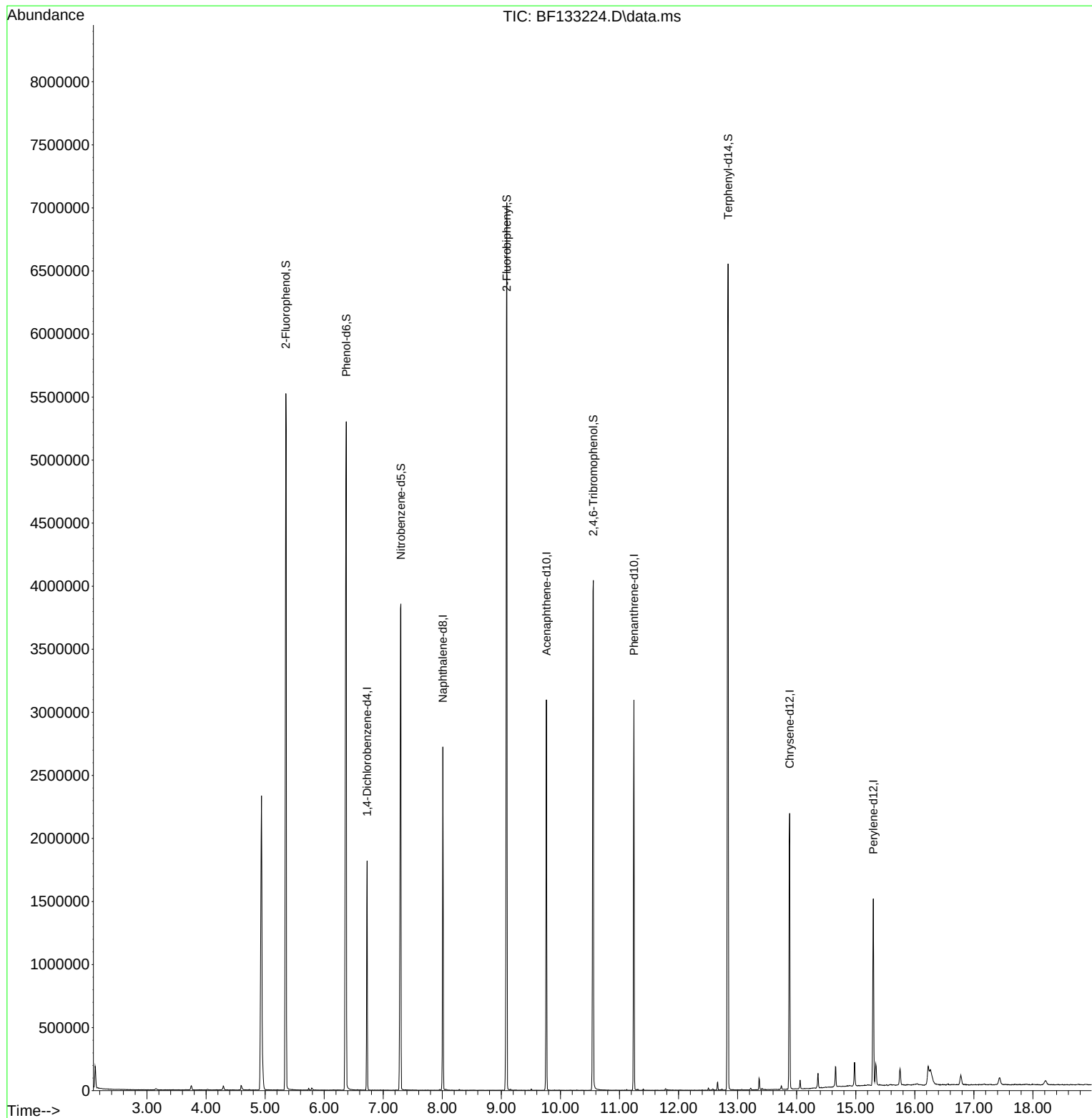
Target Compounds	Qvalue

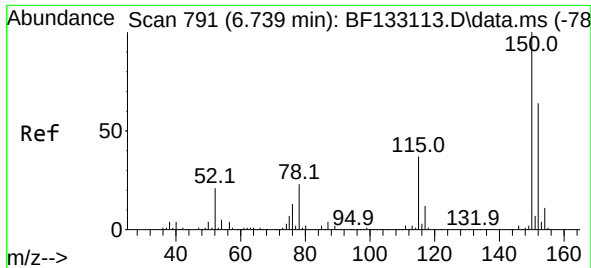
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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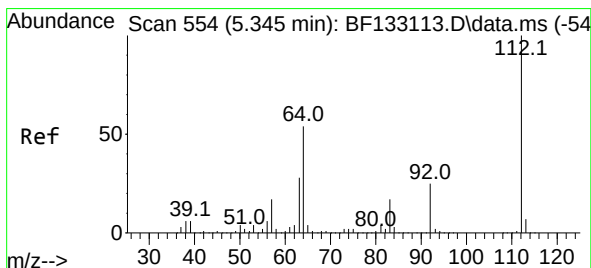
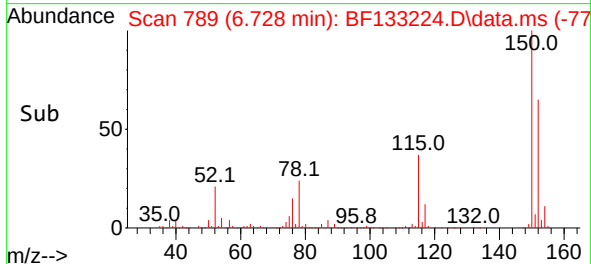
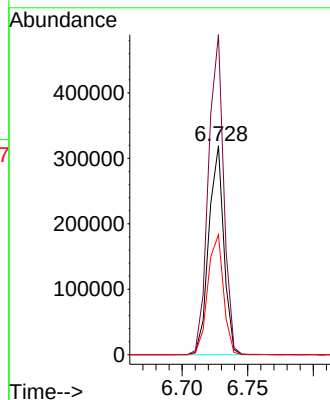
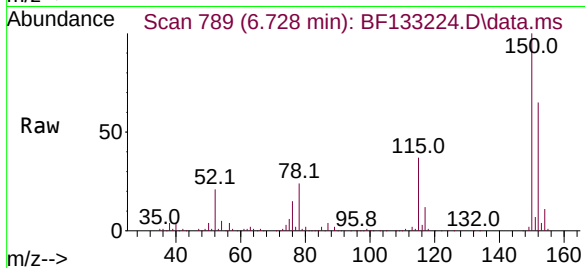




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

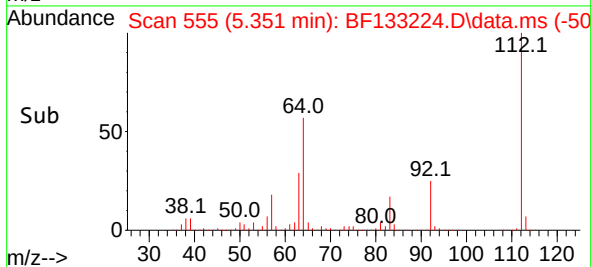
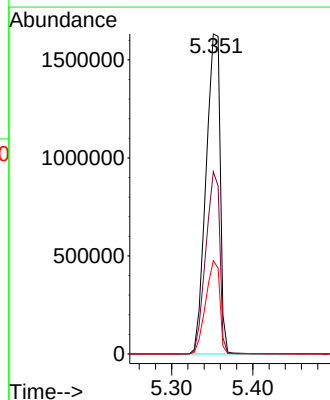
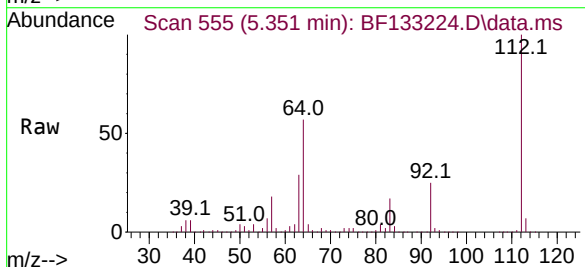
Instrument :
BNA_F
ClientSampleId :
PB152560BL

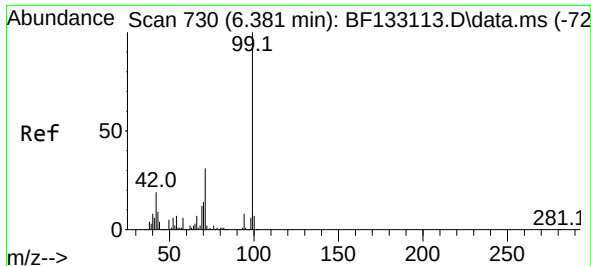
Tgt Ion:152 Resp: 254499
Ion Ratio Lower Upper
152 100
150 153.1 124.8 187.2
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 117.246 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion:112 Resp: 1975292
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.1 23.8 35.8

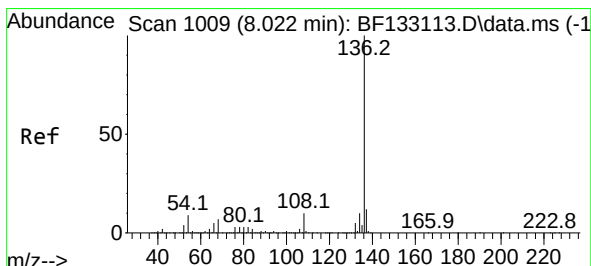
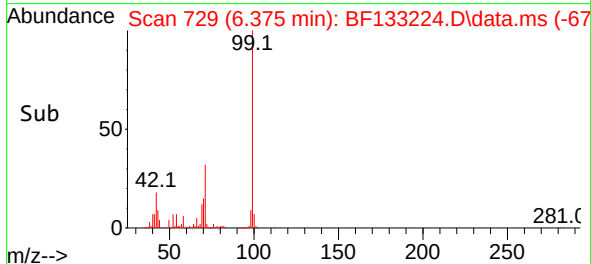
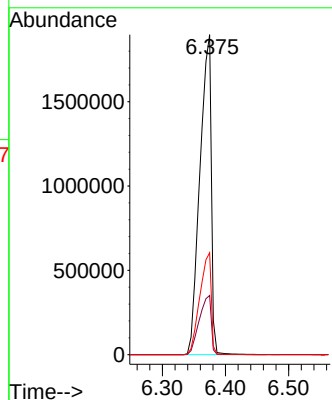
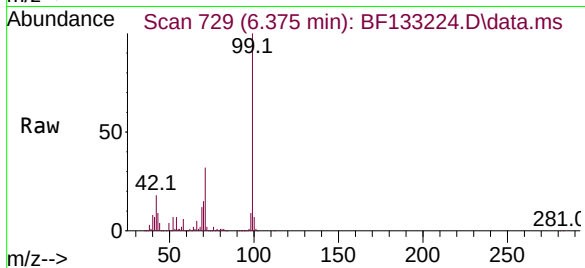




#7
Phenol-d6
Concen: 113.416 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

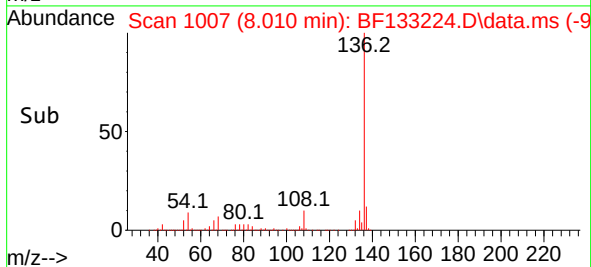
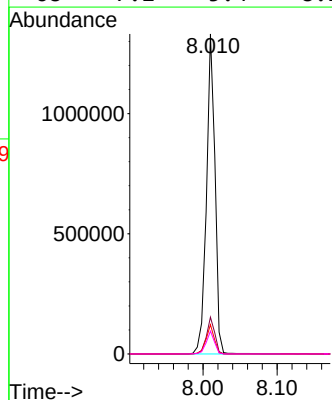
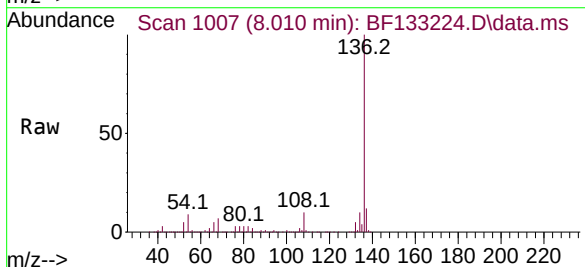
Instrument :
BNA_F
ClientSampleId :
PB152560BL

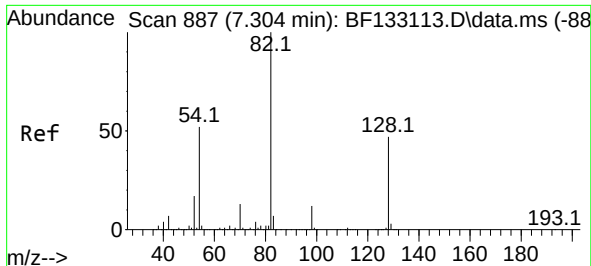
Tgt Ion: 99 Resp: 2371653
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion: 136 Resp: 1068444
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.1 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 75.473 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133224.D

Acq: 04 May 2023 11:07

Instrument :

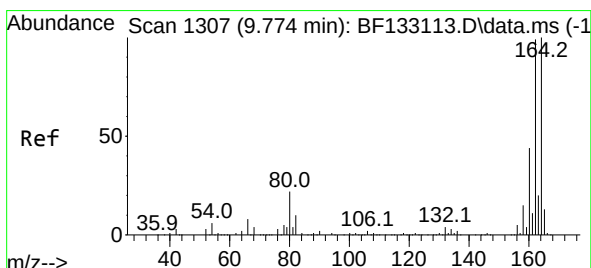
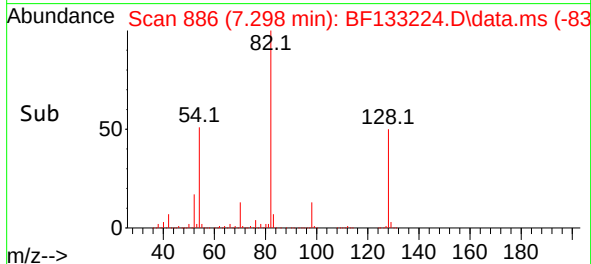
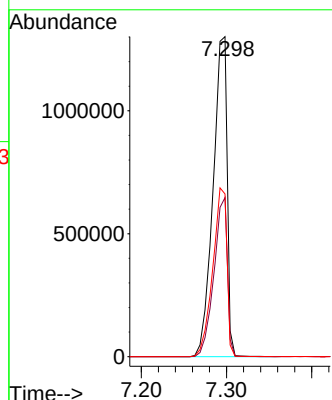
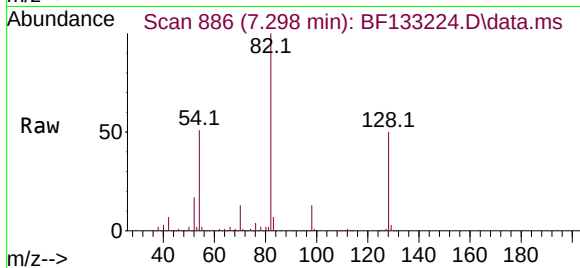
BNA_F

ClientSampleId :

PB152560BL

Tgt Ion: 82 Resp: 1493950

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.7	56.5
54	50.9	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

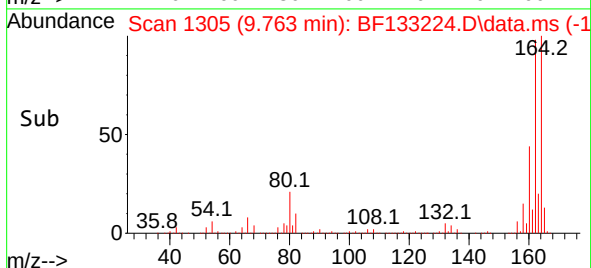
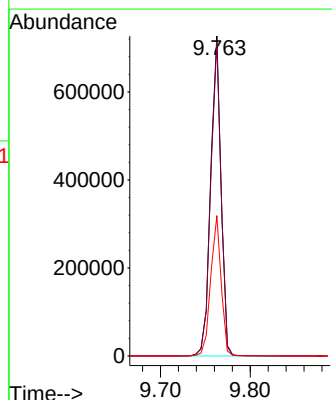
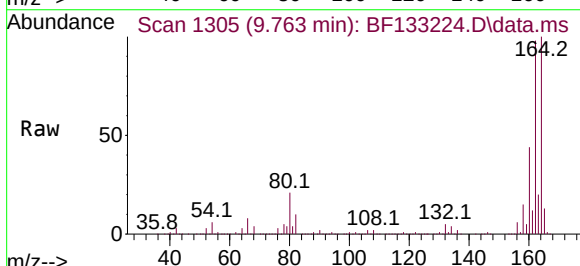
Delta R.T. -0.006 min

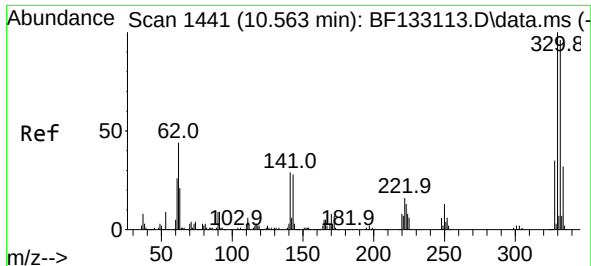
Lab File: BF133224.D

Acq: 04 May 2023 11:07

Tgt Ion: 164 Resp: 582561

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	43.9	35.8	53.6

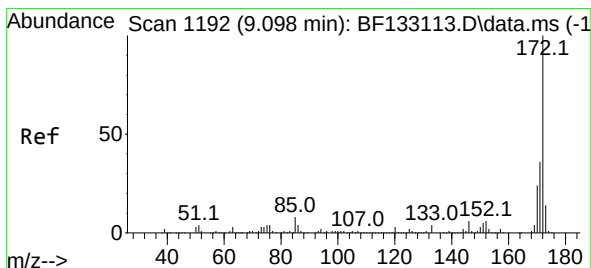
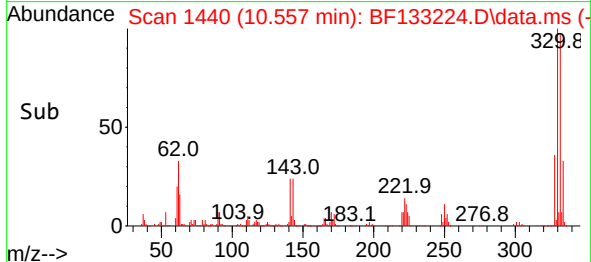
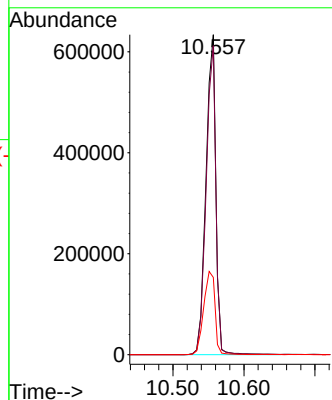
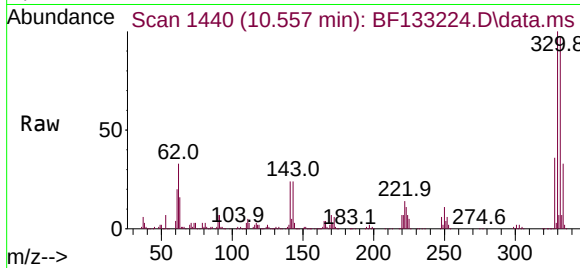




#42
2,4,6-Tribromophenol
Concen: 104.631 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

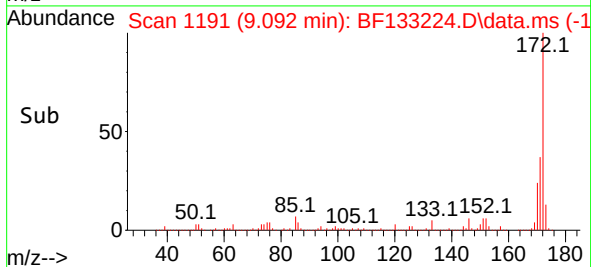
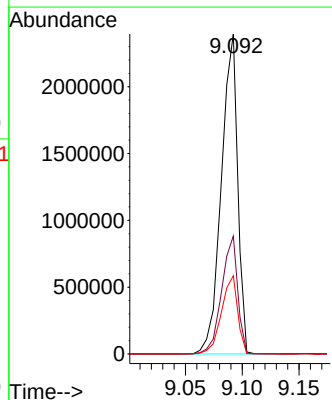
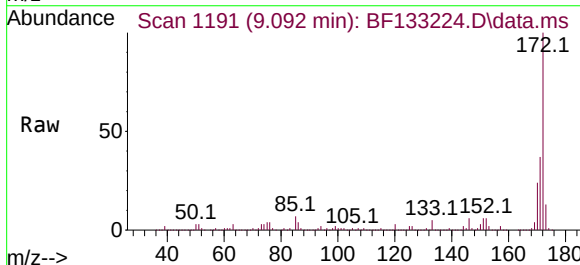
Instrument :
BNA_F
ClientSampleId :
PB152560BL

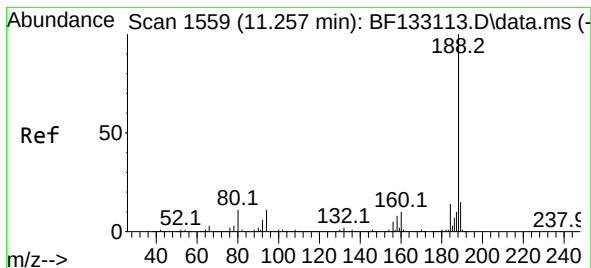
Tgt Ion:330 Resp: 613008
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 29.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 68.909 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion:172 Resp: 2399492
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. -0.000 min

Lab File: BF133224.D

Acq: 04 May 2023 11:07

Instrument :

BNA_F

ClientSampleId :

PB152560BL

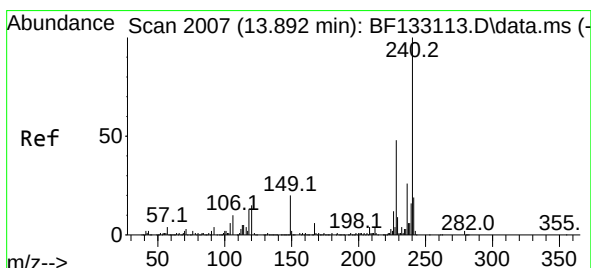
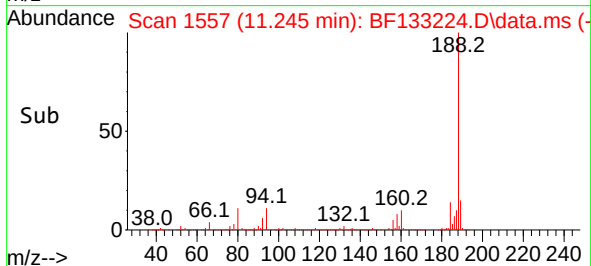
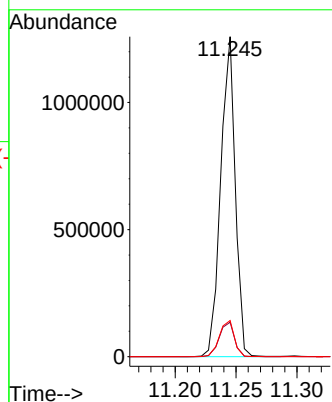
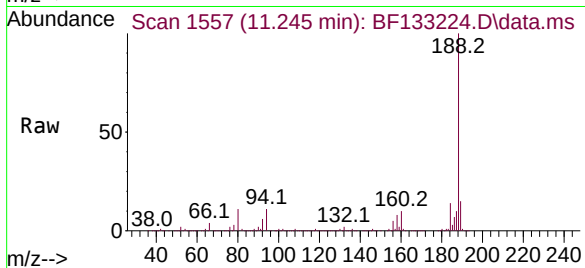
Tgt Ion:188 Resp: 1048865

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.3 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133224.D

Acq: 04 May 2023 11:07

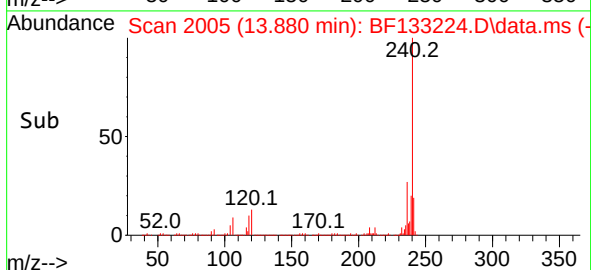
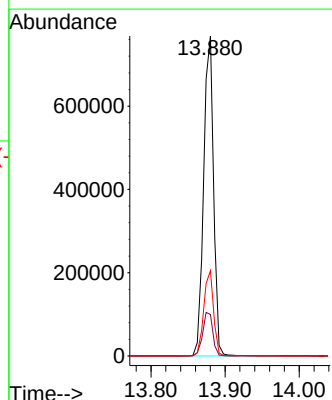
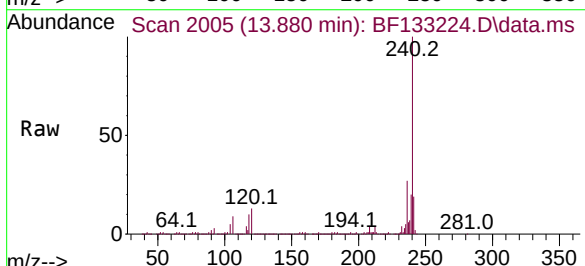
Tgt Ion:240 Resp: 713967

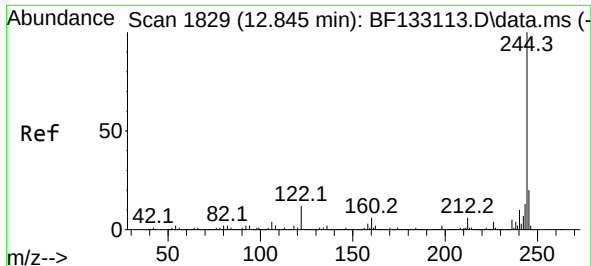
Ion Ratio Lower Upper

240 100

120 12.9 10.5 15.7

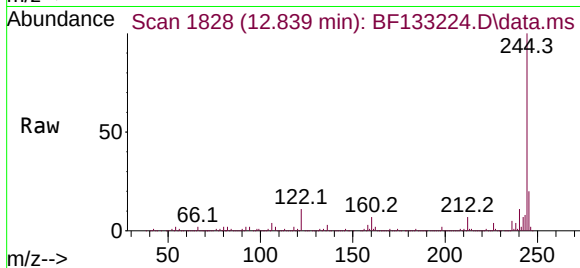
236 26.7 21.5 32.3



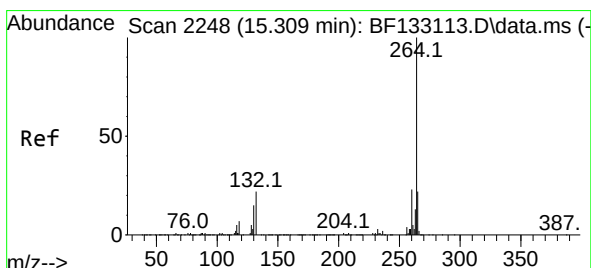
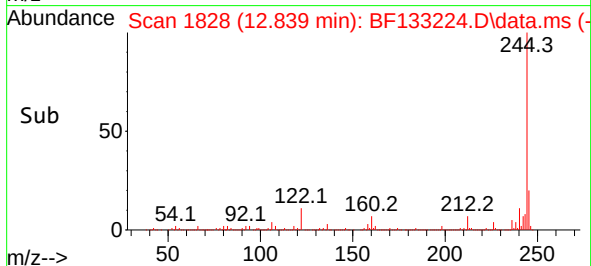
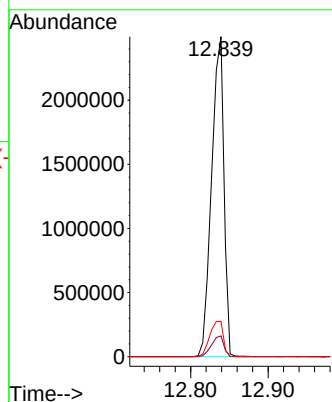


#79
 Terphenyl-d14
 Concen: 66.755 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.006 min
 Lab File: BF133224.D
 Acq: 04 May 2023 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB152560BL



Tgt Ion:244 Resp: 2763497
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF133224.D
 Acq: 04 May 2023 11:07

Tgt Ion:264 Resp: 602354
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.7 17.0 25.4

