

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130569.D
 Acq On : 07 Oct 2022 10:36
 Operator : CG\JU
 Sample : PB148146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148146BL

Quant Time: Oct 10 01:41:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	103728	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	437942	20.000	ng	0.00
39) Acenaphthene-d10	9.651	164	293942	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	485559	20.000	ng	0.00
76) Chrysene-d12	13.763	240	218563	20.000	ng	0.00
86) Perylene-d12	15.145	264	219739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	740678	123.851	ng	0.01
7) Phenol-d6	6.269	99	929223	124.180	ng	0.00
23) Nitrobenzene-d5	7.187	82	590500	68.885	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	318885	113.219	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1395779	69.147	ng	0.00
79) Terphenyl-d14	12.716	244	1302378	98.707	ng	0.00

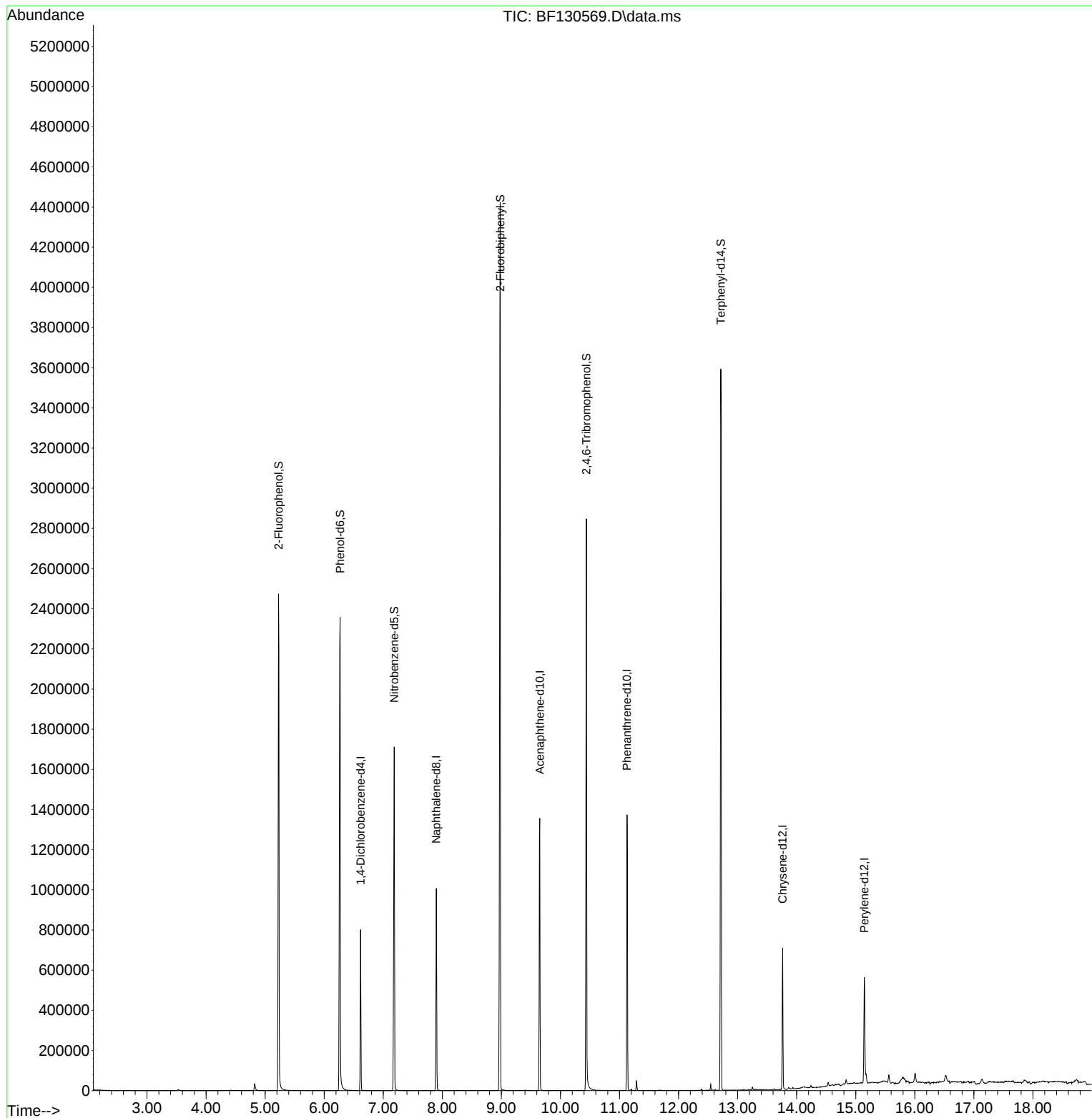
Target Compounds	Qvalue

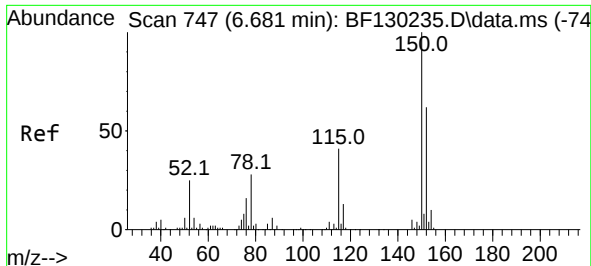
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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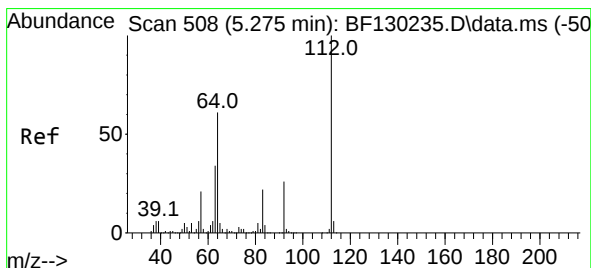
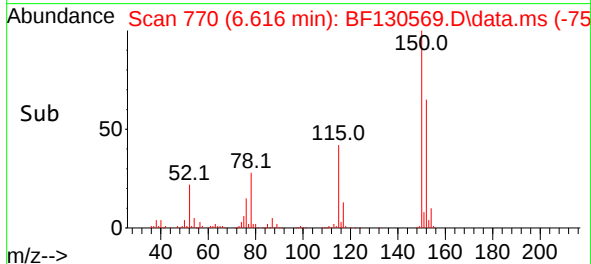
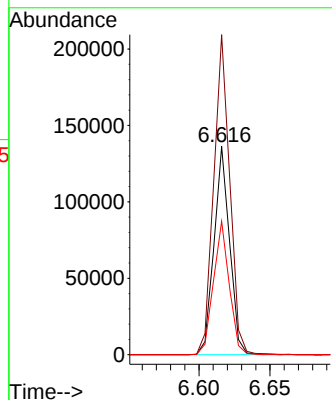
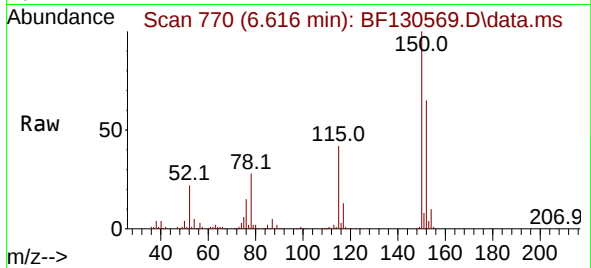




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130569.D
 Acq: 07 Oct 2022 10:36

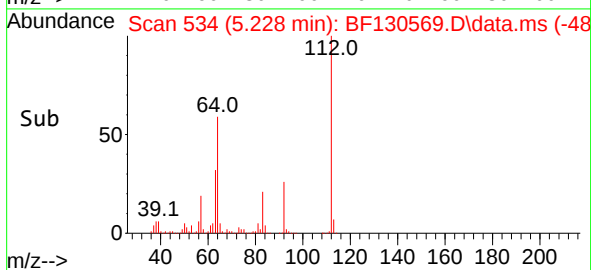
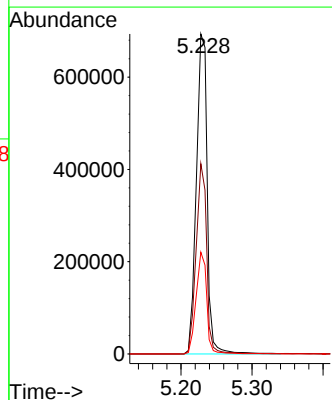
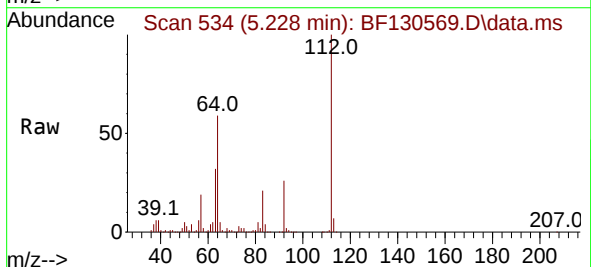
Instrument :
 BNA_F
 ClientSampleId :
 PB148146BL

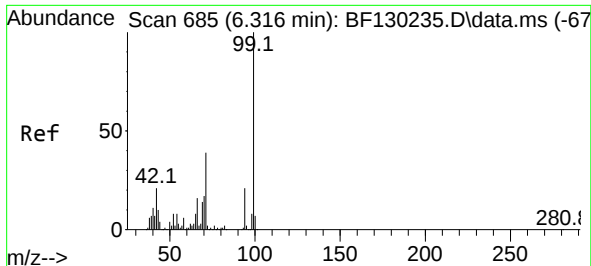
Tgt Ion:152 Resp: 103728
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.8 184.2
 115 64.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 123.851 ng
 RT: 5.228 min Scan# 534
 Delta R.T. 0.012 min
 Lab File: BF130569.D
 Acq: 07 Oct 2022 10:36

Tgt Ion:112 Resp: 740678
 Ion Ratio Lower Upper
 112 100
 64 59.5 51.4 77.0
 63 31.8 28.8 43.2

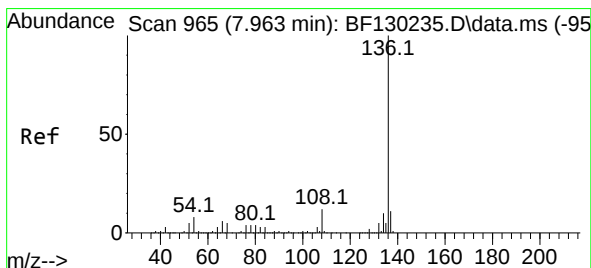
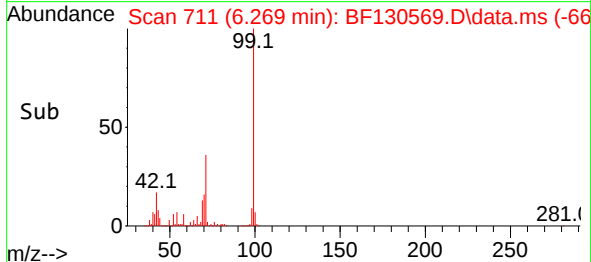
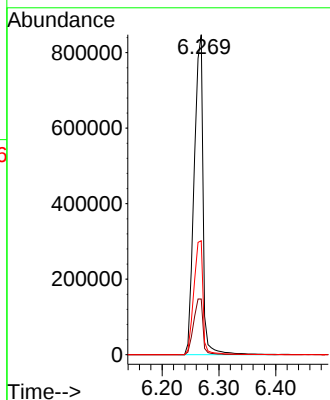
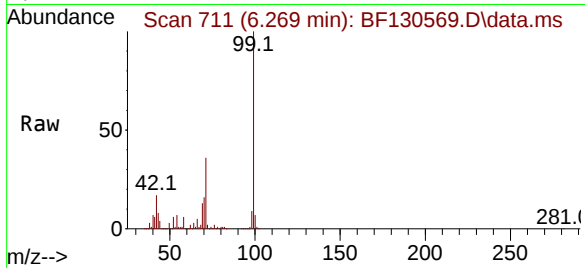




#7
Phenol-d6
Concen: 124.180 ng
RT: 6.269 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

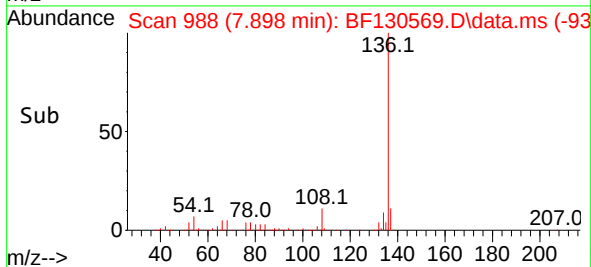
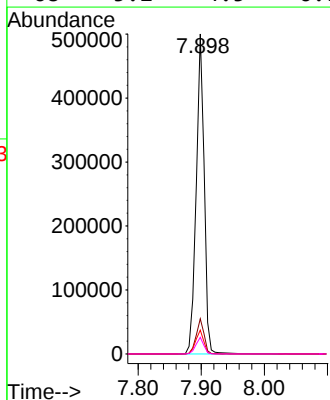
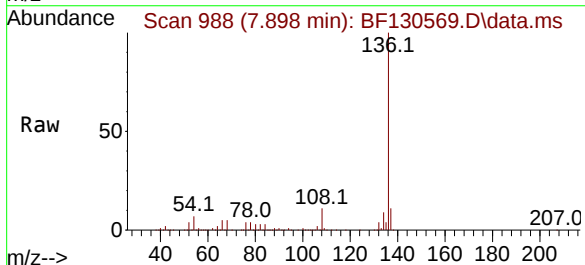
Instrument :
BNA_F
ClientSampleId :
PB148146BL

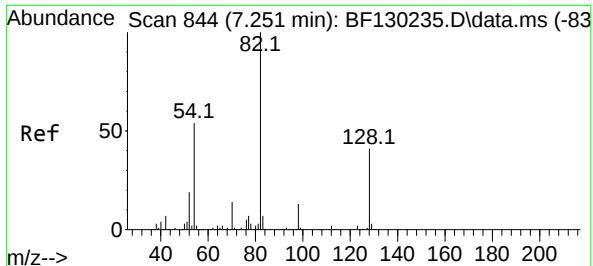
Tgt Ion: 99 Resp: 929223
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:136 Resp: 437942
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 68.885 ng

RT: 7.187 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF130569.D

Acq: 07 Oct 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB148146BL

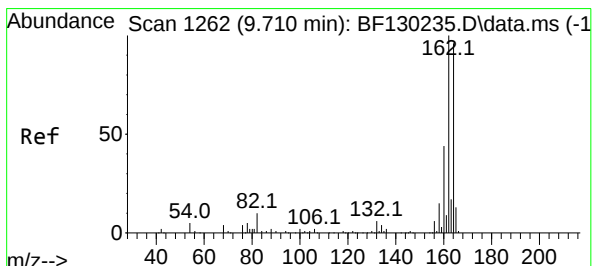
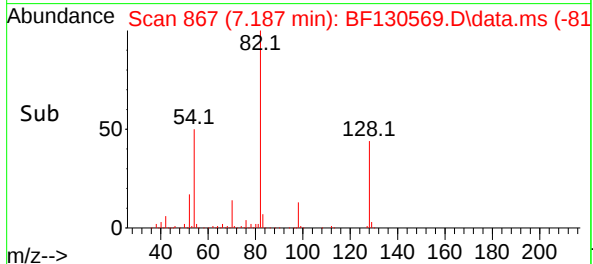
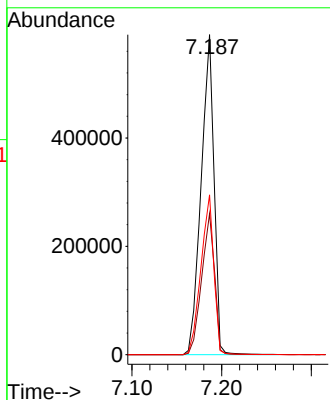
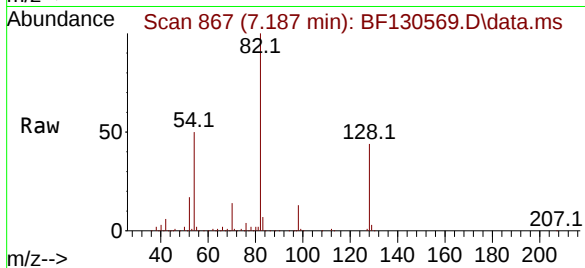
Tgt Ion: 82 Resp: 590500

Ion Ratio Lower Upper

82 100

128 44.1 32.6 49.0

54 49.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF130569.D

Acq: 07 Oct 2022 10:36

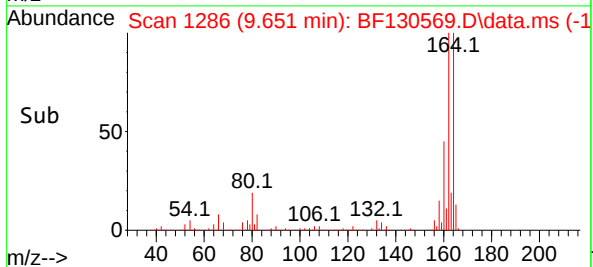
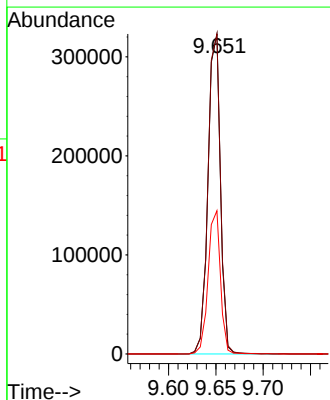
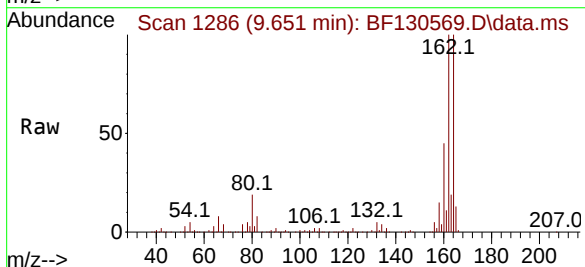
Tgt Ion:164 Resp: 293942

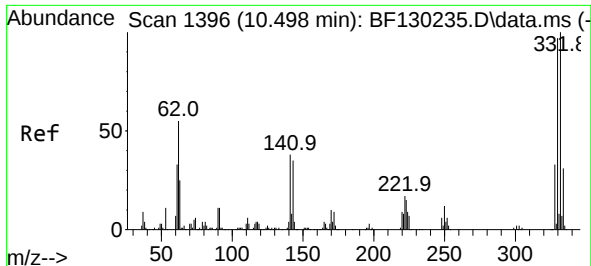
Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

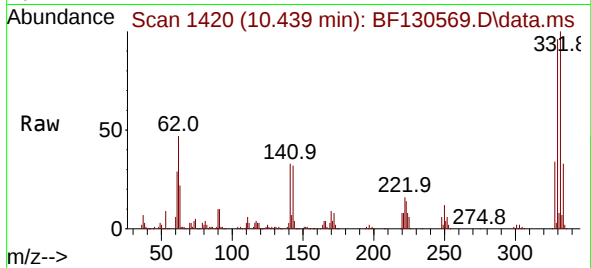
160 44.8 36.2 54.4



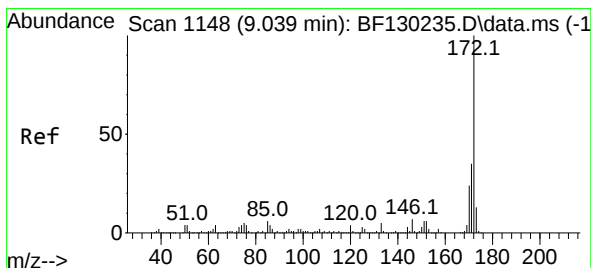
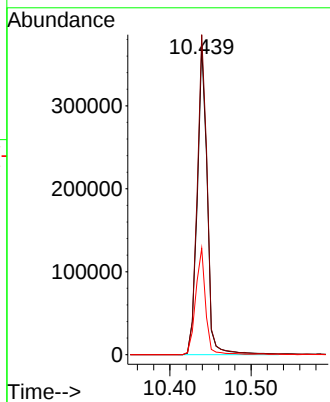
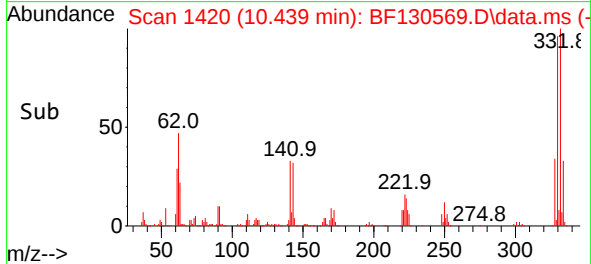


#42
2,4,6-Tribromophenol
Concen: 113.219 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Instrument :
BNA_F
ClientSampleId :
PB148146BL

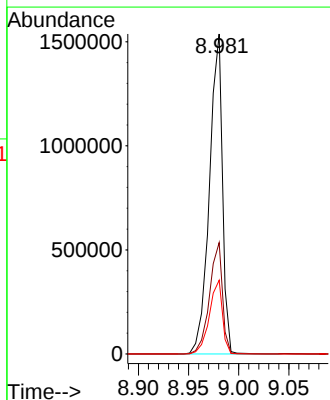
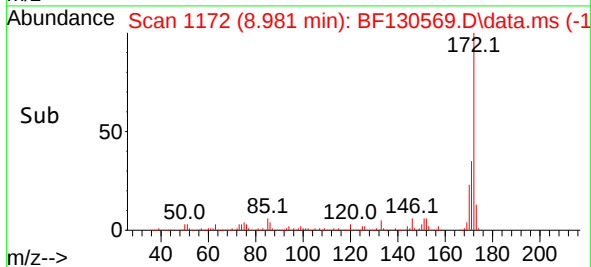
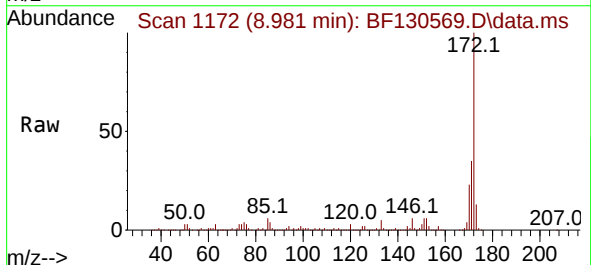


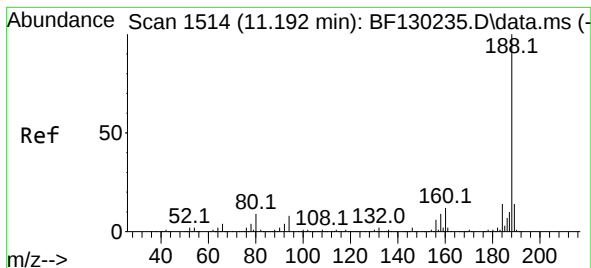
Tgt Ion:330 Resp: 318885
Ion Ratio Lower Upper
330 100
332 105.1 83.4 125.2
141 34.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 69.147 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF130569.D
Acq: 07 Oct 2022 10:36

Tgt Ion:172 Resp: 1395779
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130569.D

Acq: 07 Oct 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB148146BL

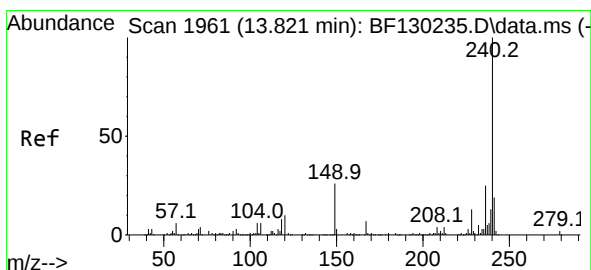
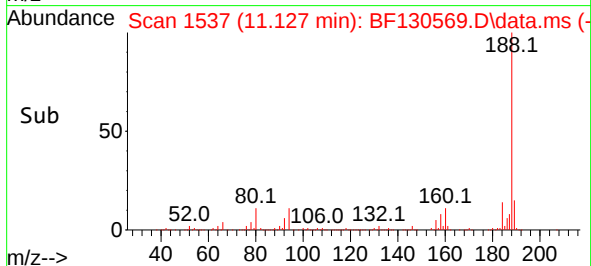
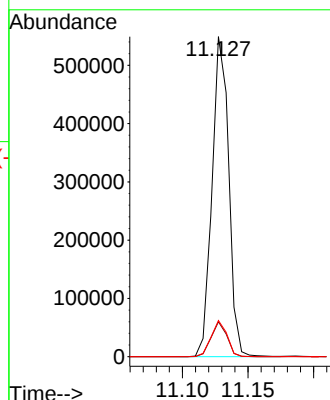
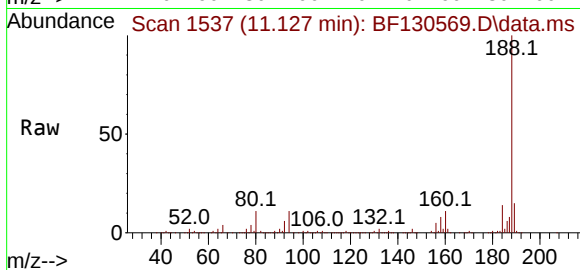
Tgt Ion:188 Resp: 485559

Ion Ratio Lower Upper

188 100

94 10.9 7.4 11.2

80 11.3 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.763 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BF130569.D

Acq: 07 Oct 2022 10:36

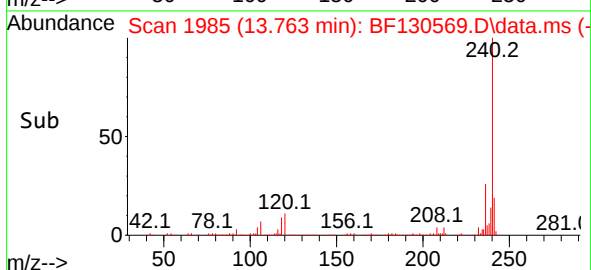
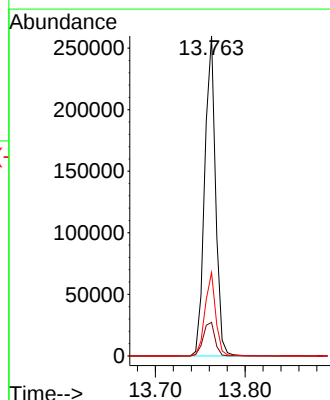
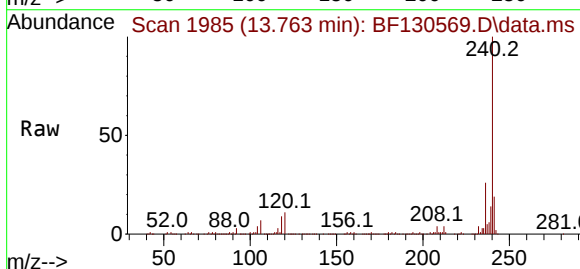
Tgt Ion:240 Resp: 218563

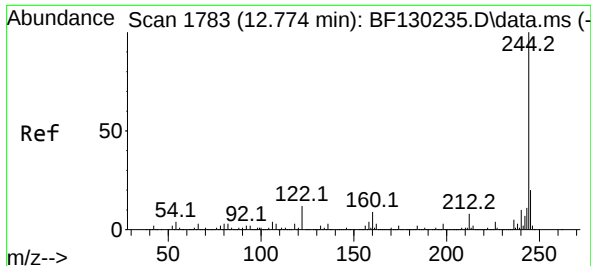
Ion Ratio Lower Upper

240 100

120 10.5 8.7 13.1

236 26.1 20.9 31.3

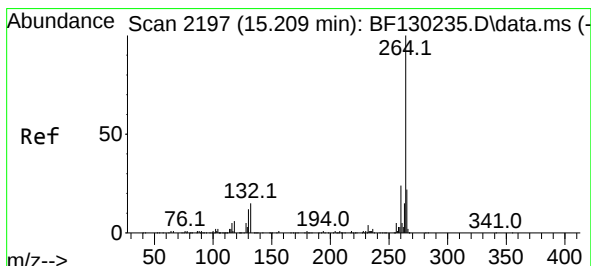
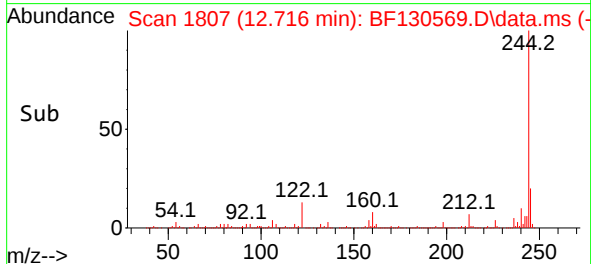
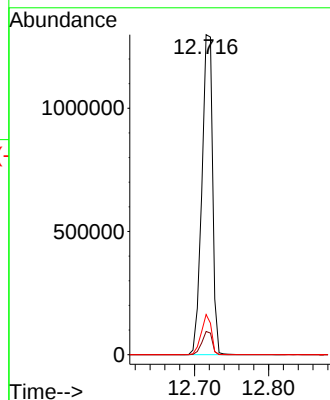
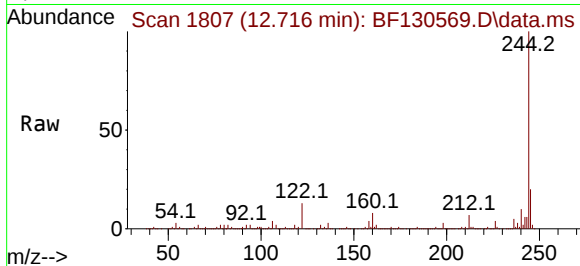




#79
 Terphenyl-d14
 Concen: 98.707 ng
 RT: 12.716 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130569.D
 Acq: 07 Oct 2022 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB148146BL

Tgt Ion:244 Resp: 1302378
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. -0.000 min
 Lab File: BF130569.D
 Acq: 07 Oct 2022 10:36

Tgt Ion:264 Resp: 219739
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.3 17.0 25.4

