

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130551.D
 Acq On : 06 Oct 2022 15:02
 Operator : CG\JU
 Sample : PB148113BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148113BL

Quant Time: Oct 07 02:10:35 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	96119	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	388968	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	209069	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	355925	20.000	ng	0.00
76) Chrysene-d12	13.757	240	183741	20.000	ng	0.00
86) Perylene-d12	15.145	264	161322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	686888	123.949	ng	0.01
7) Phenol-d6	6.263	99	854385	123.217	ng	0.00
23) Nitrobenzene-d5	7.186	82	544574	71.526	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	248959	124.276	ng	0.00
45) 2-Fluorobiphenyl	8.980	172	1061710	73.949	ng	0.00
79) Terphenyl-d14	12.716	244	1033882	93.208	ng	0.00

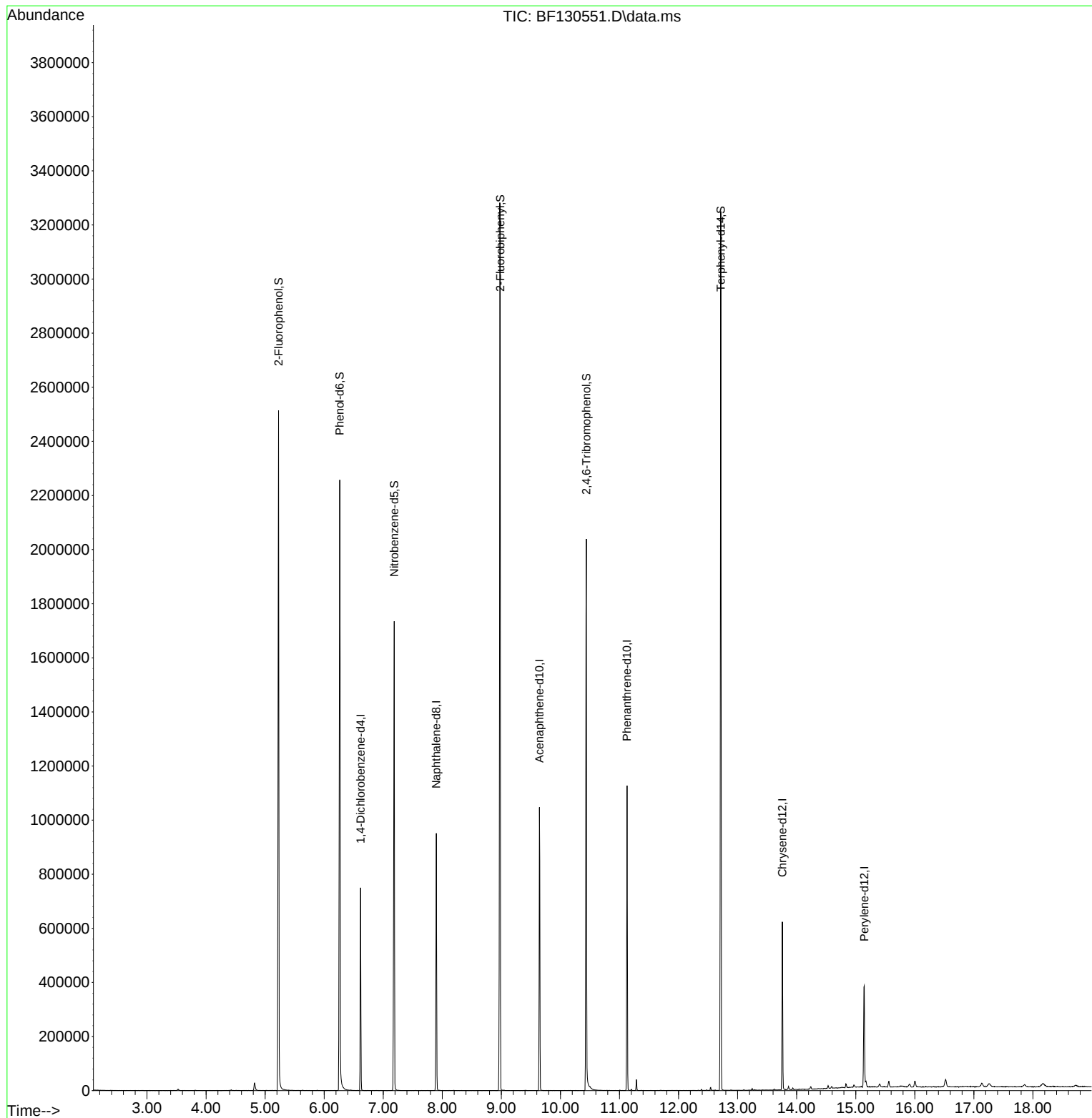
Target Compounds	Qvalue

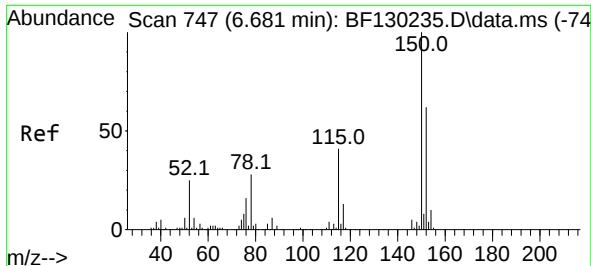
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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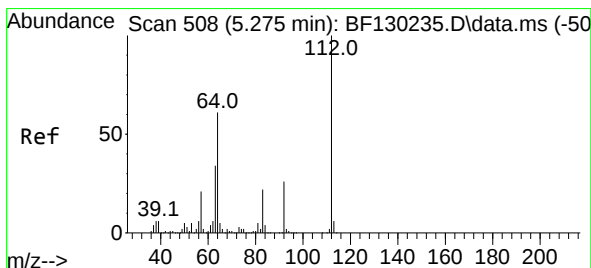
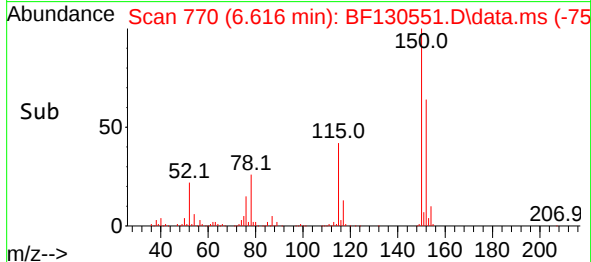
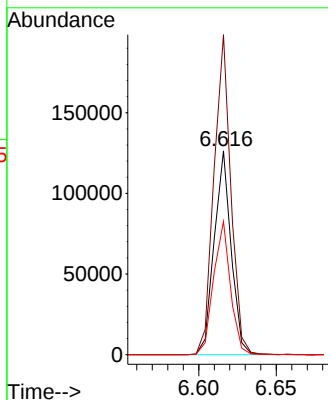
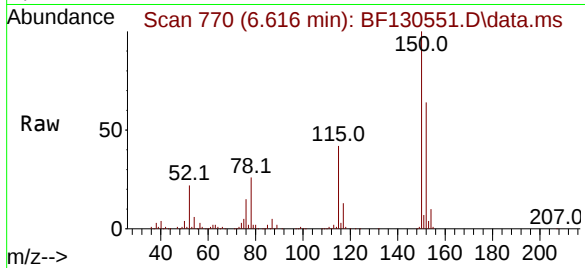




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

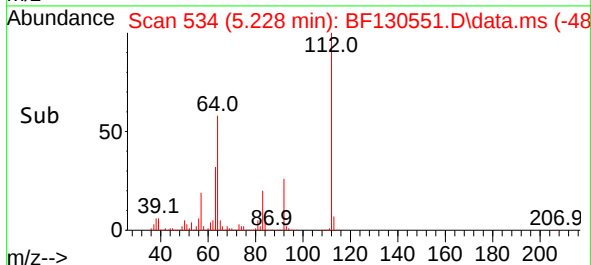
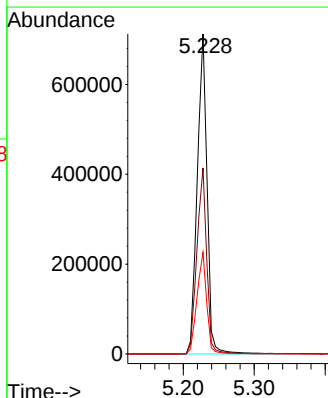
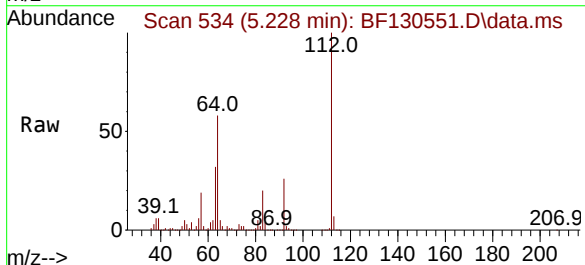
Instrument :
BNA_F
ClientSampleId :
PB148113BL

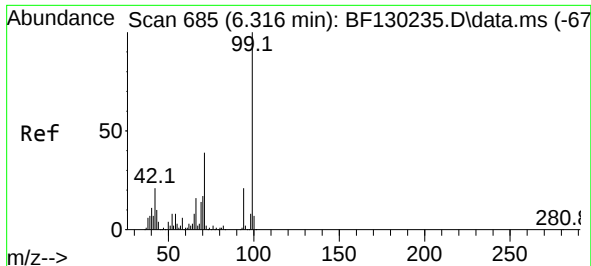
Tgt Ion:152 Resp: 96119
Ion Ratio Lower Upper
152 100
150 157.0 122.8 184.2
115 65.4 53.8 80.8



#5
2-Fluorophenol
Concen: 123.949 ng
RT: 5.228 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

Tgt Ion:112 Resp: 686888
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 31.7 28.8 43.2

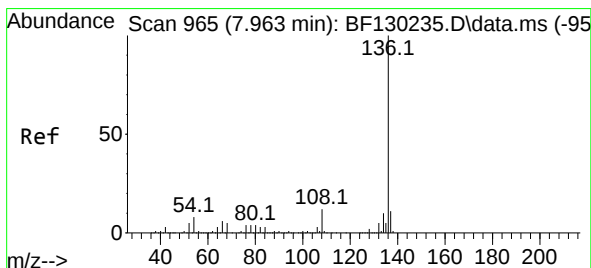
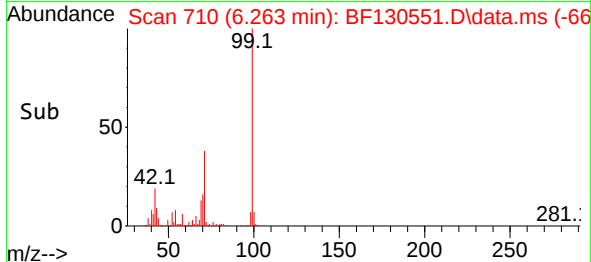
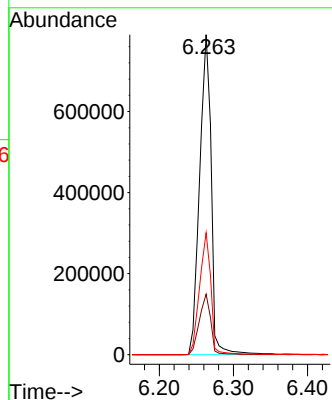
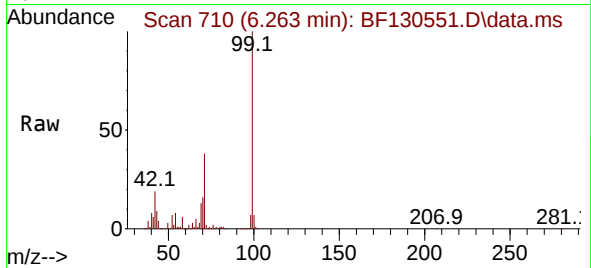




#7
Phenol-d6
Concen: 123.217 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

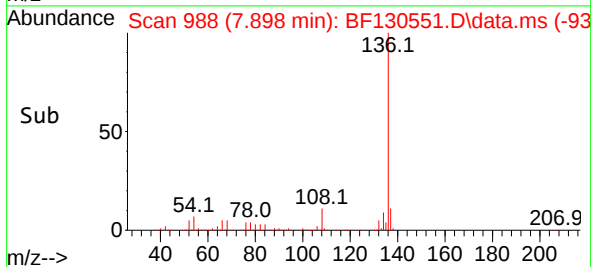
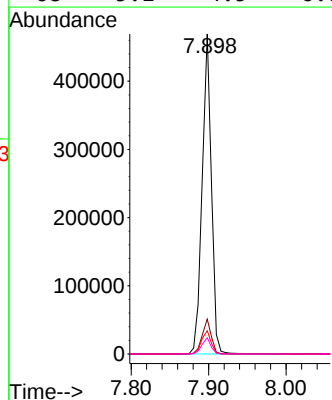
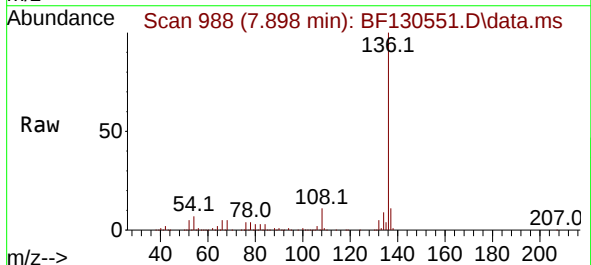
Instrument :
BNA_F
ClientSampleId :
PB148113BL

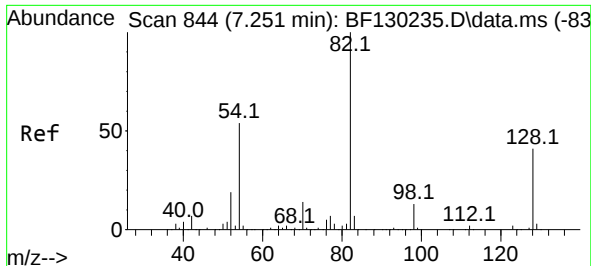
Tgt Ion: 99 Resp: 854385
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 38.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

Tgt Ion: 136 Resp: 388968
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.3 7.1 10.7
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 71.526 ng

RT: 7.186 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130551.D

Acq: 06 Oct 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB148113BL

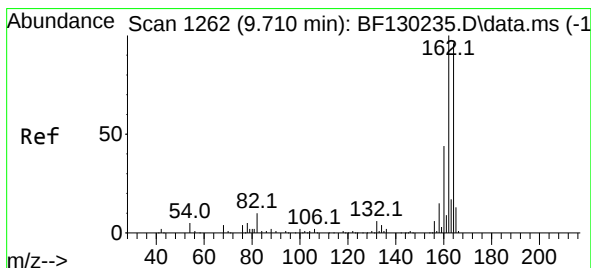
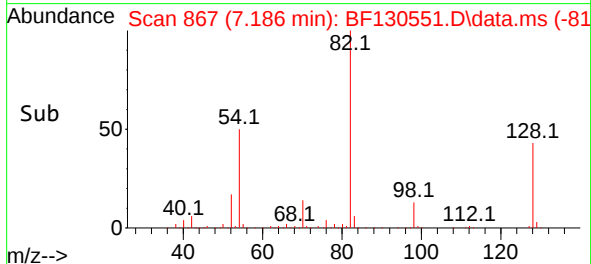
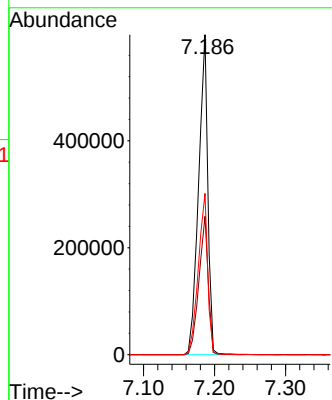
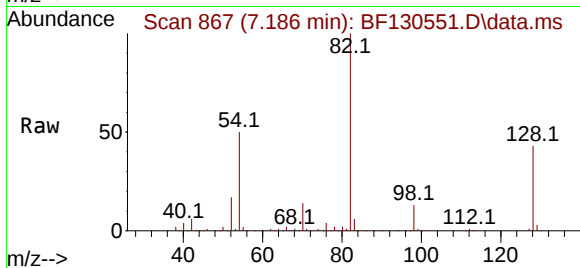
Tgt Ion: 82 Resp: 544574

Ion Ratio Lower Upper

82 100

128 43.3 32.6 49.0

54 50.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF130551.D

Acq: 06 Oct 2022 15:02

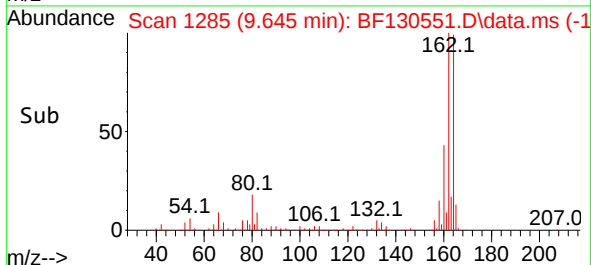
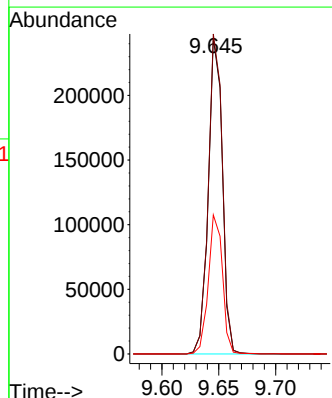
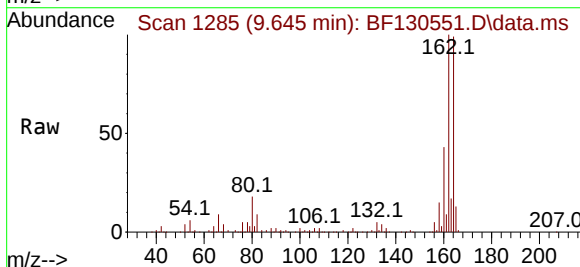
Tgt Ion:164 Resp: 209069

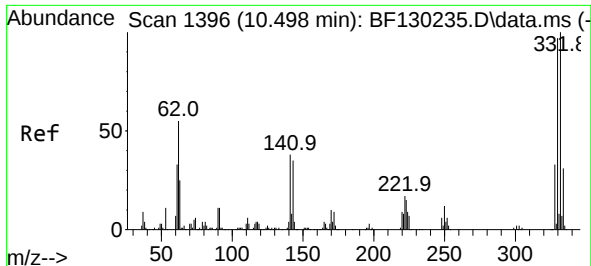
Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

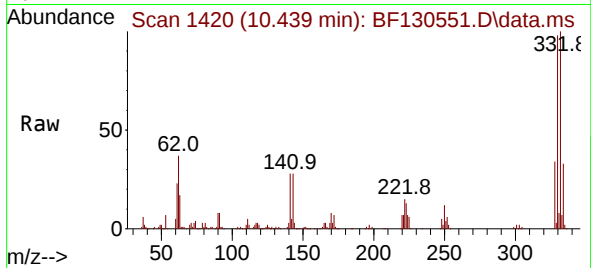
160 44.0 36.2 54.4





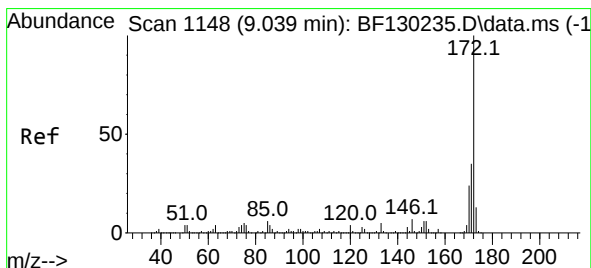
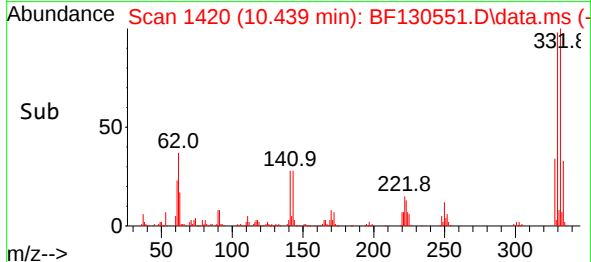
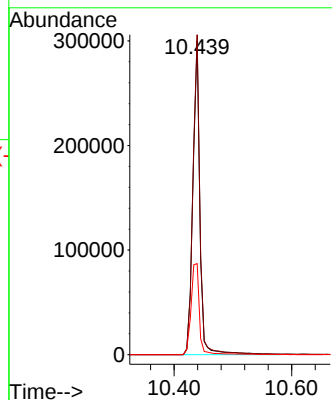
#42
2,4,6-Tribromophenol
Concen: 124.276 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

Instrument :
BNA_F
ClientSampleId :
PB148113BL



Tgt Ion: 330 Resp: 248959

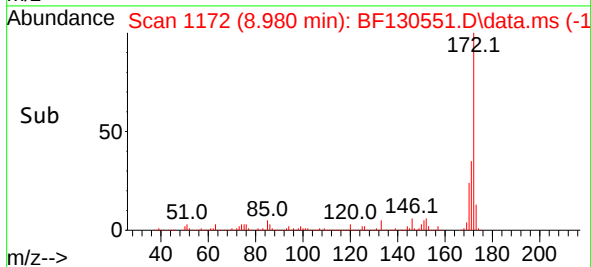
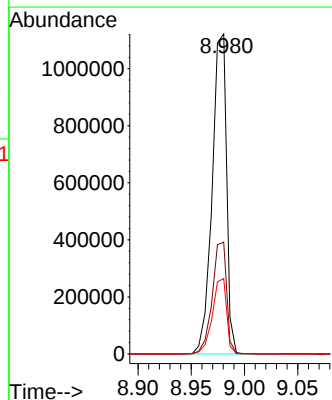
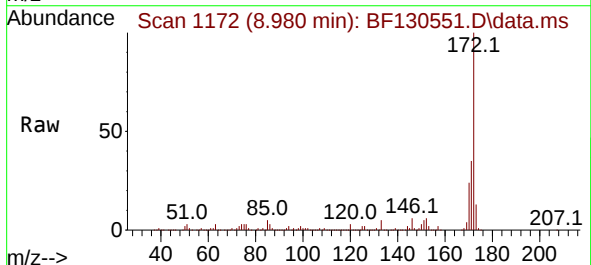
Ion	Ratio	Lower	Upper
330	100		
332	102.4	83.4	125.2
141	34.8	34.0	51.0

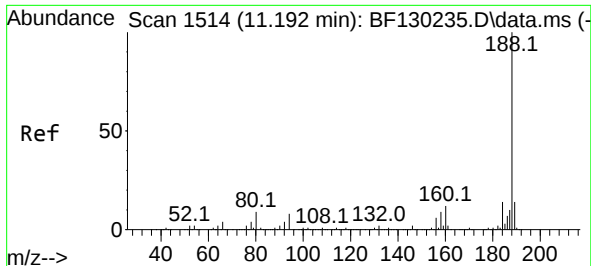


#45
2-Fluorobiphenyl
Concen: 73.949 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

Tgt Ion: 172 Resp: 1061710

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	23.5	18.7	28.1

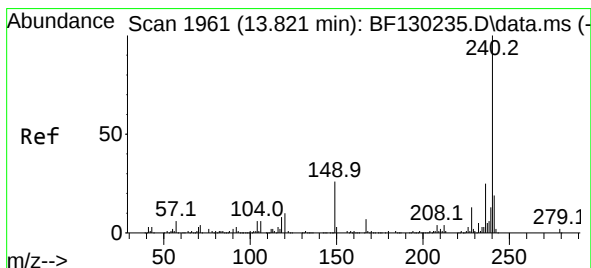
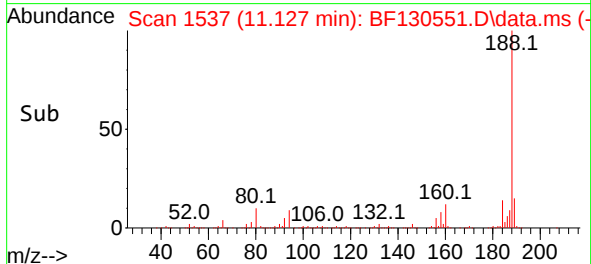
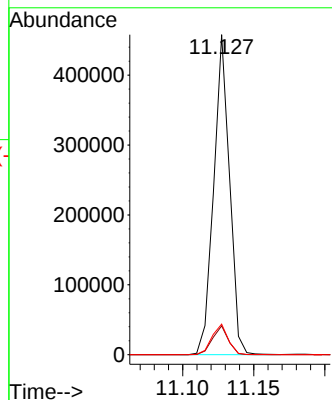
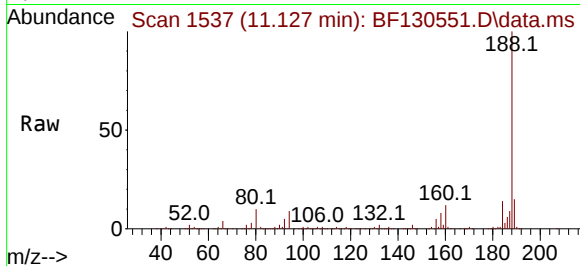




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

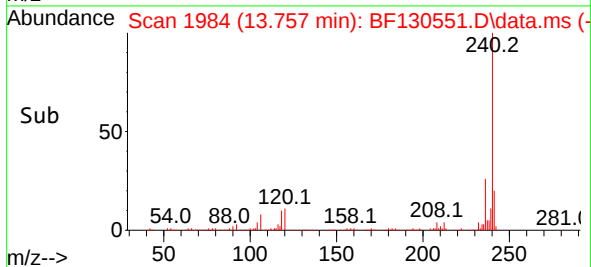
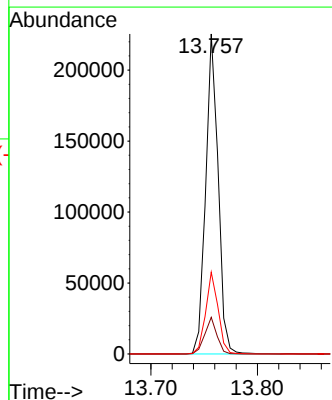
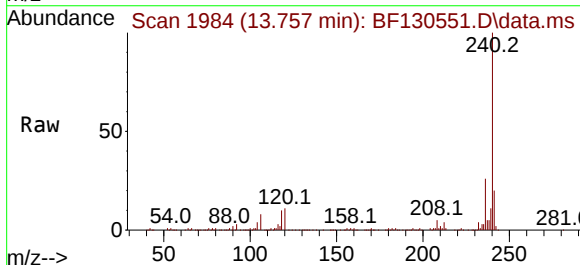
Instrument :
BNA_F
ClientSampleId :
PB148113BL

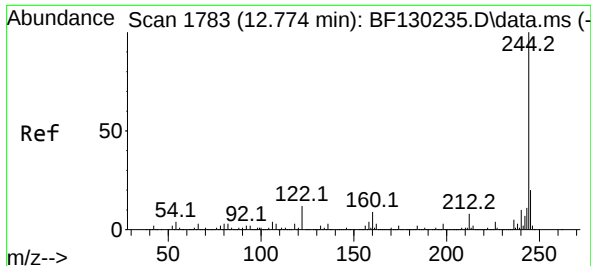
Tgt Ion:188 Resp: 355925
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130551.D
Acq: 06 Oct 2022 15:02

Tgt Ion:240 Resp: 183741
Ion Ratio Lower Upper
240 100
120 11.5 8.7 13.1
236 25.5 20.9 31.3

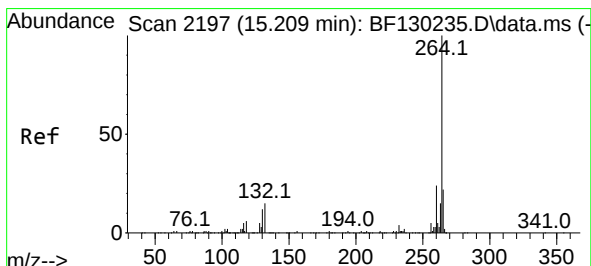
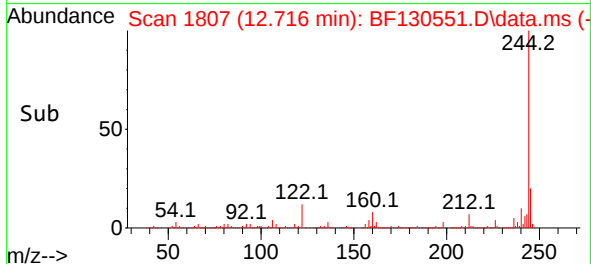
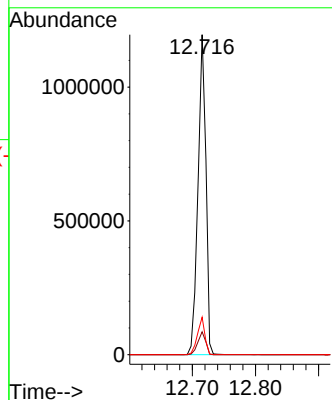
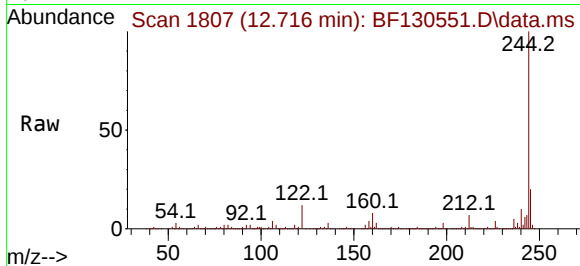




#79
 Terphenyl-d14
 Concen: 93.208 ng
 RT: 12.716 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130551.D
 Acq: 06 Oct 2022 15:02

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1033882
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.7 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: BF130551.D
 Acq: 06 Oct 2022 15:02

Tgt Ion:264 Resp: 161322
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.3 28.9
 265 21.1 17.0 25.4

