

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130514.D
 Acq On : 04 Oct 2022 13:01
 Operator : CG\JU
 Sample : PB148020TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148020TB

Quant Time: Oct 05 02:15:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	102349	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	413794	20.000	ng	-0.01
39) Acenaphthene-d10	9.663	164	221007	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	390849	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	223441	20.000	ng	-0.02
86) Perylene-d12	15.163	264	171574	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	714353	121.058	ng	0.00
7) Phenol-d6	6.281	99	917561	124.274	ng	-0.01
23) Nitrobenzene-d5	7.204	82	597450	73.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	263751	124.548	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	1135659	74.827	ng	-0.02
79) Terphenyl-d14	12.733	244	1184540	87.816	ng	-0.01

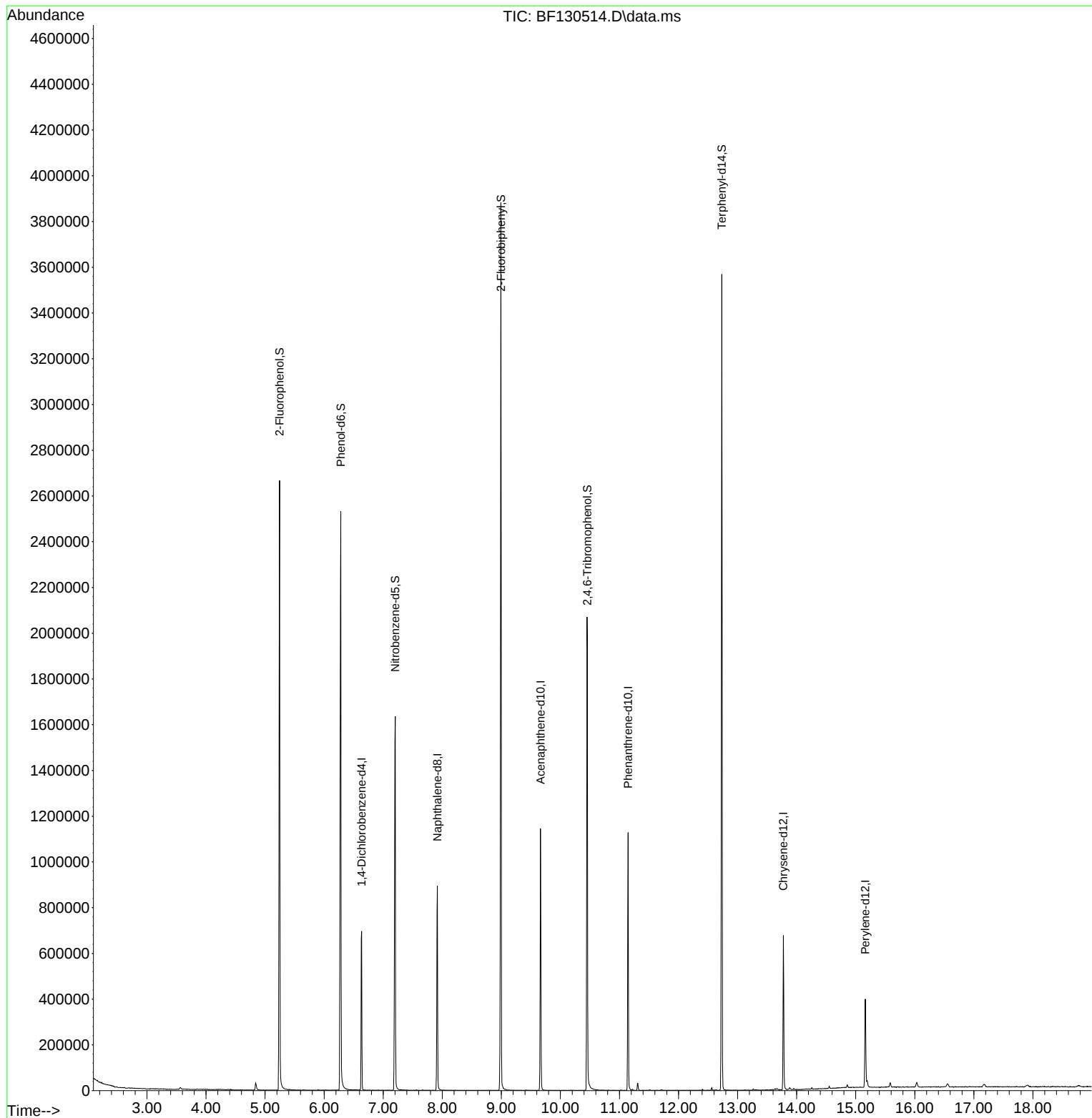
Target Compounds	Qvalue

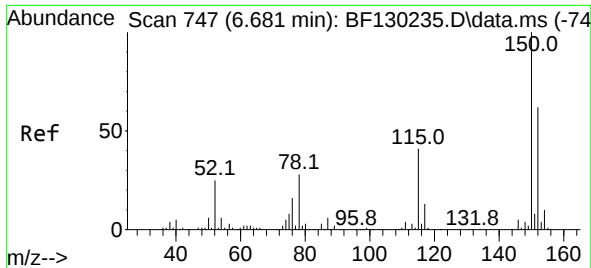
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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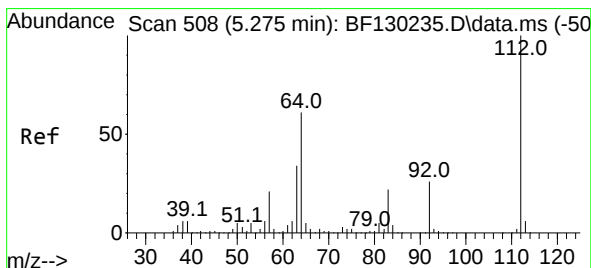
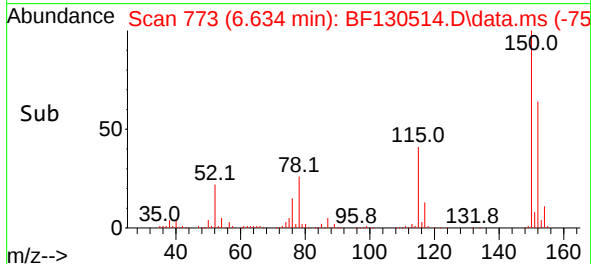
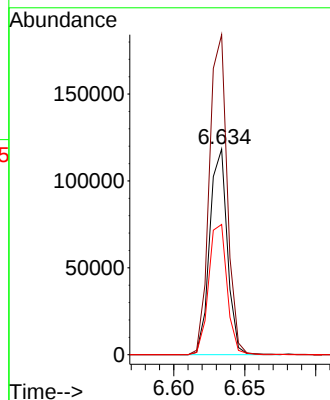
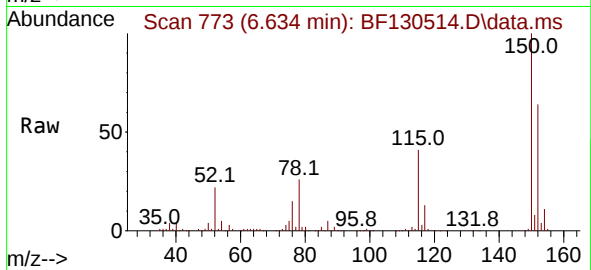




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

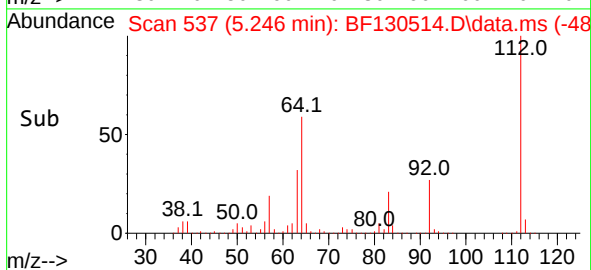
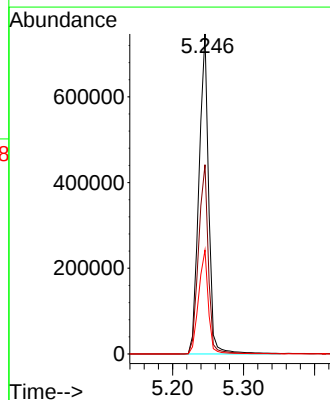
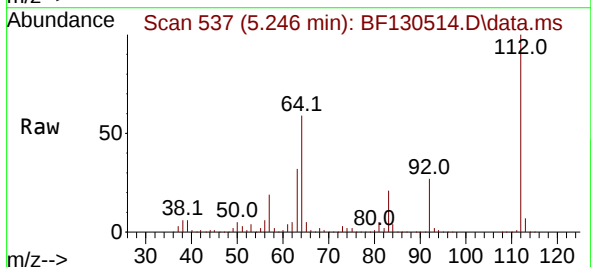
Instrument :
BNA_F
ClientSampleId :
PB148020TB

Tgt Ion:152 Resp: 102349
Ion Ratio Lower Upper
152 100
150 155.7 122.8 184.2
115 63.4 53.8 80.8



#5
2-Fluorophenol
Concen: 121.058 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Tgt Ion:112 Resp: 714353
Ion Ratio Lower Upper
112 100
64 59.2 51.4 77.0
63 32.5 28.8 43.2

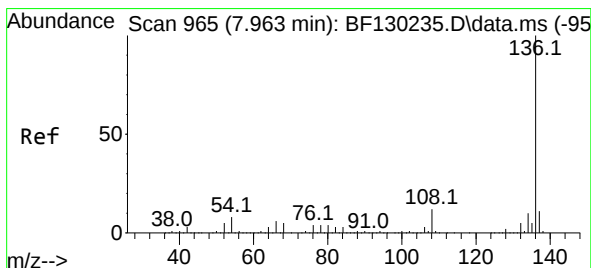
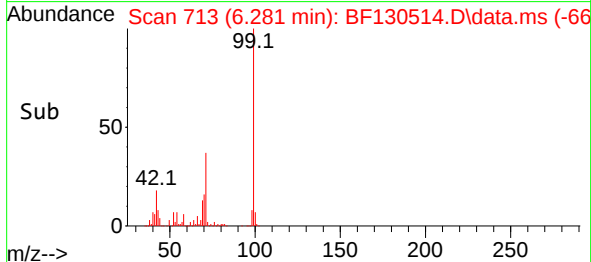
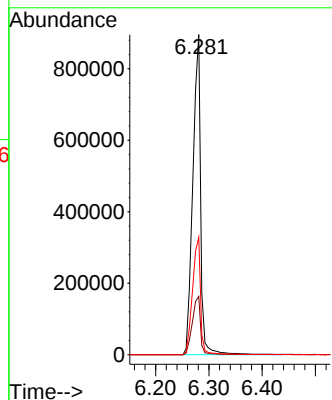
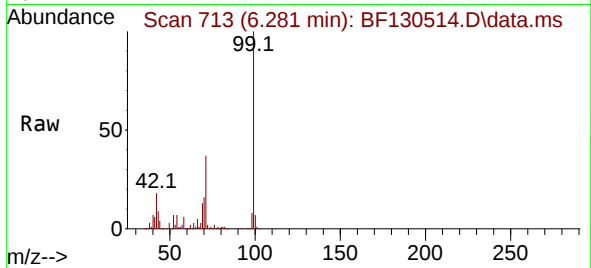




#7
Phenol-d6
Concen: 124.274 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

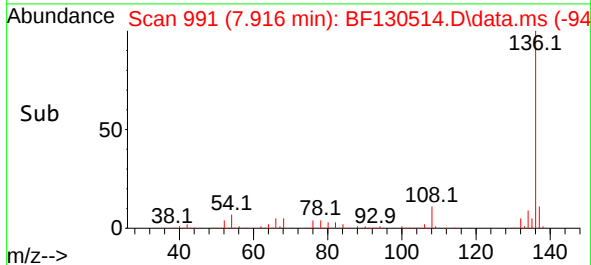
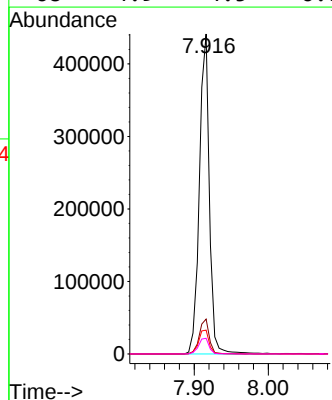
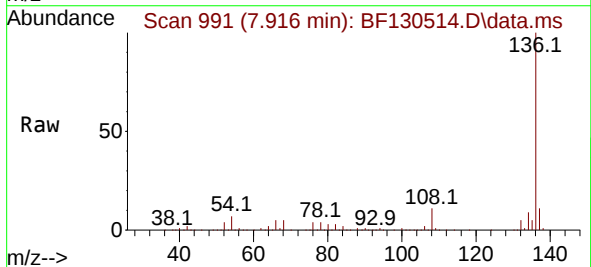
Instrument :
BNA_F
ClientSampleId :
PB148020TB

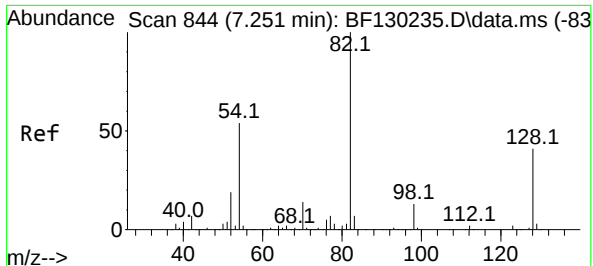
Tgt Ion: 99 Resp: 917561
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 36.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Tgt Ion: 136 Resp: 413794
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.5 7.1 10.7
68 4.9 4.5 6.7

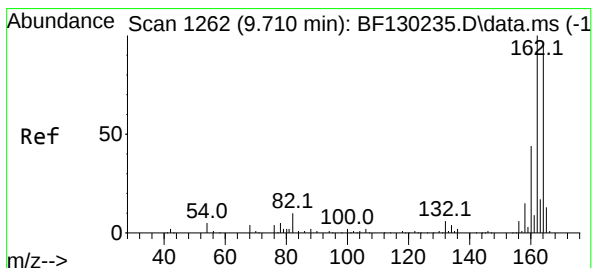
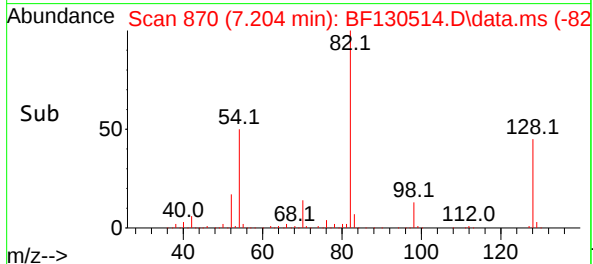
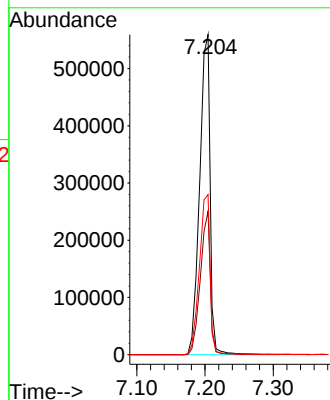
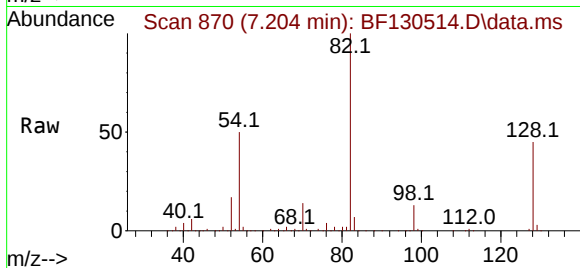




#23
Nitrobenzene-d5
Concen: 73.763 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

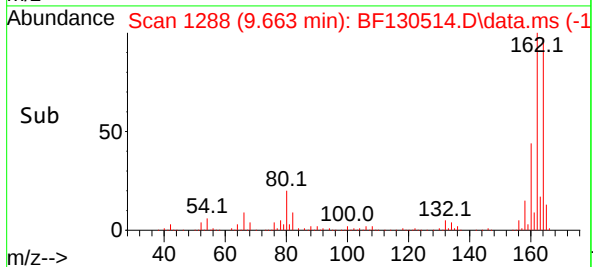
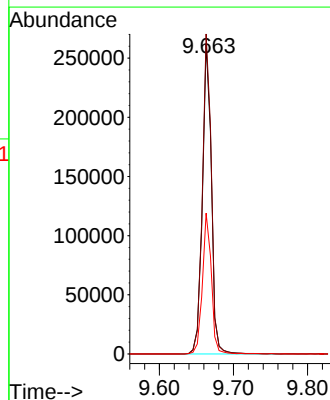
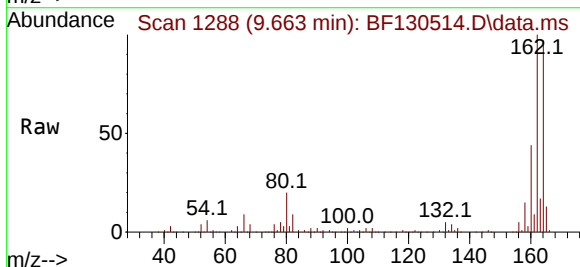
Instrument :
BNA_F
ClientSampleId :
PB148020TB

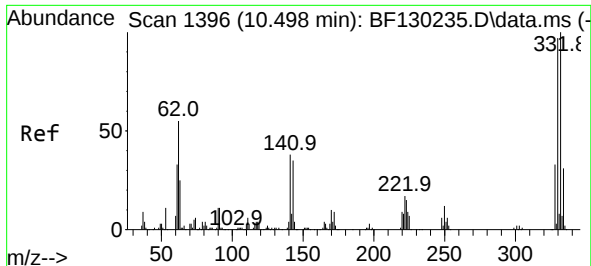
Tgt Ion: 82 Resp: 597450
Ion Ratio Lower Upper
82 100
128 44.8 32.6 49.0
54 50.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

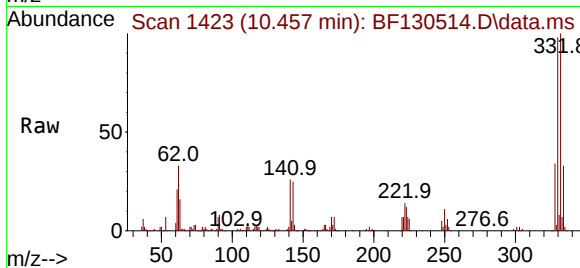
Tgt Ion:164 Resp: 221007
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.4 36.2 54.4



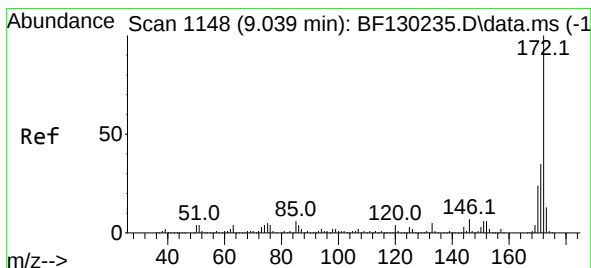
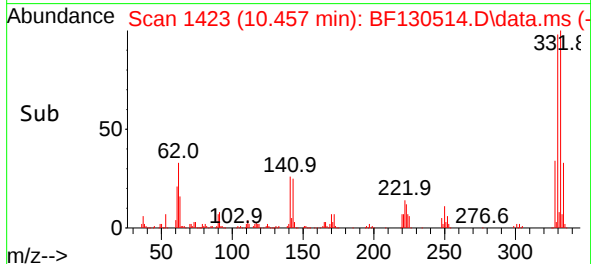
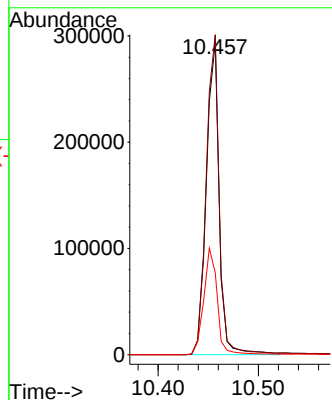


#42
2,4,6-Tribromophenol
Concen: 124.548 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :
PB148020TB

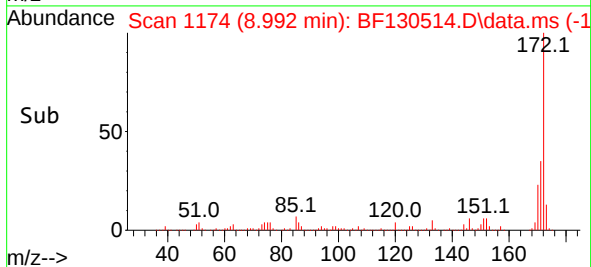
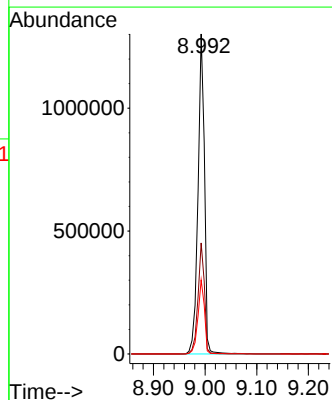
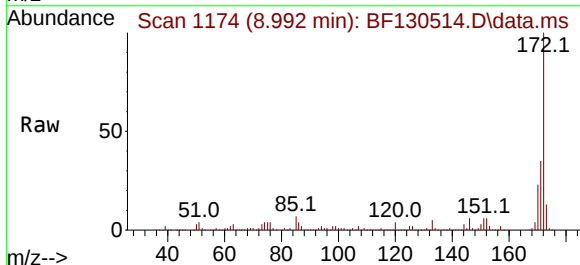


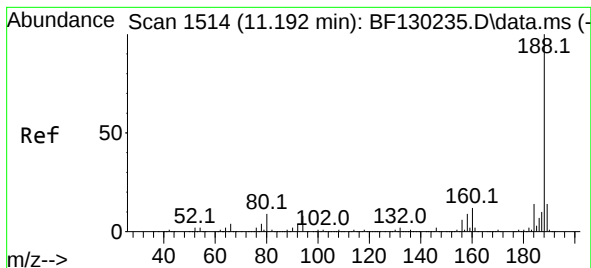
Tgt Ion:330 Resp: 263751
Ion Ratio Lower Upper
330 100
332 105.3 83.4 125.2
141 36.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 74.827 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Tgt Ion:172 Resp: 1135659
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130514.D

Acq: 04 Oct 2022 13:01

Instrument :

BNA_F

ClientSampleId :

PB148020TB

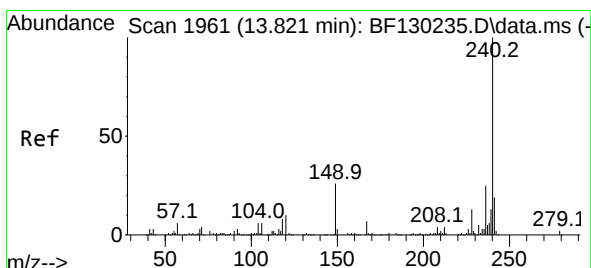
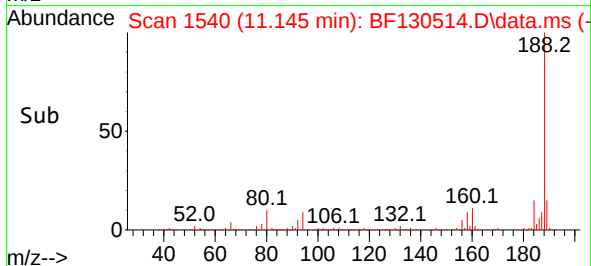
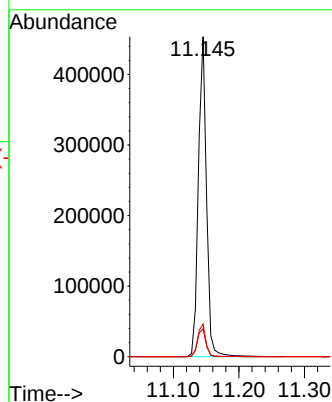
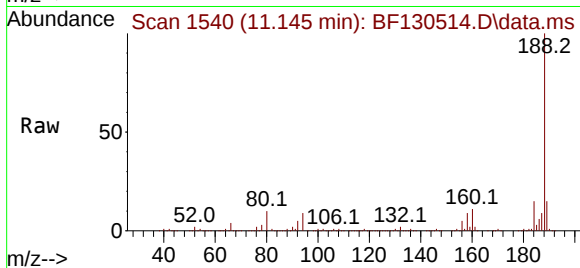
Tgt Ion:188 Resp: 390849

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 10.2 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.774 min Scan# 1987

Delta R.T. -0.018 min

Lab File: BF130514.D

Acq: 04 Oct 2022 13:01

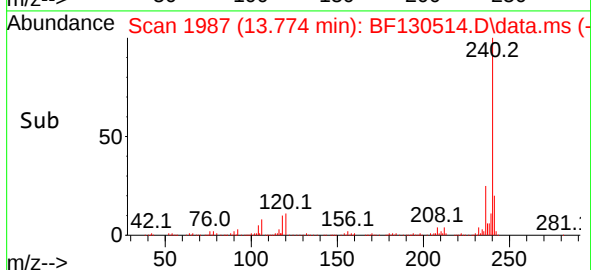
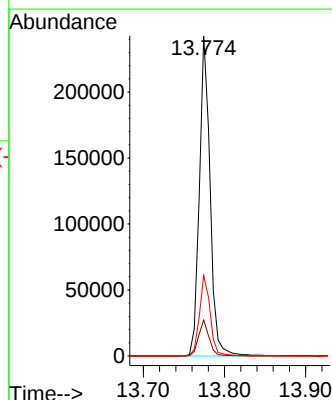
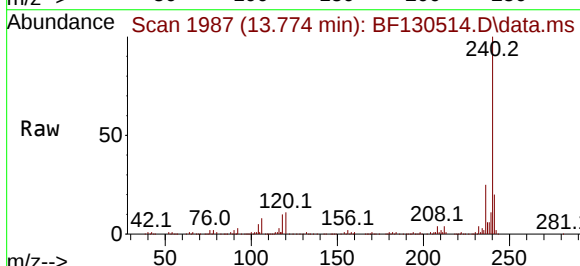
Tgt Ion:240 Resp: 223441

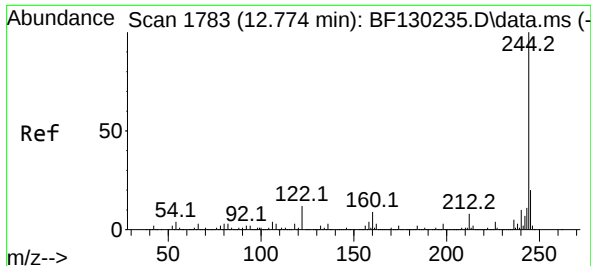
Ion Ratio Lower Upper

240 100

120 11.3 8.7 13.1

236 25.2 20.9 31.3

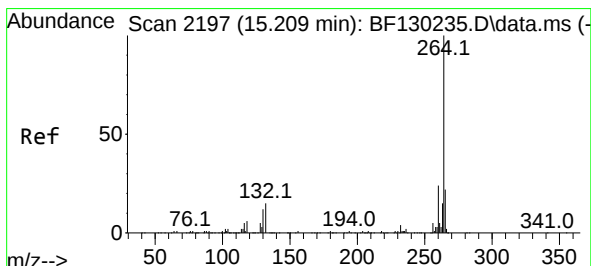
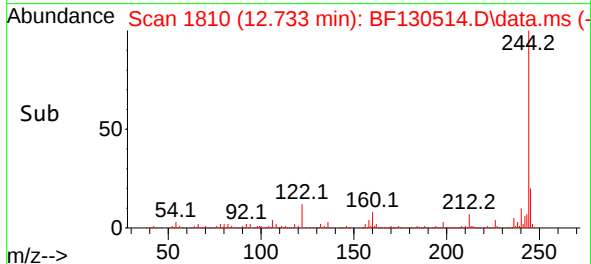
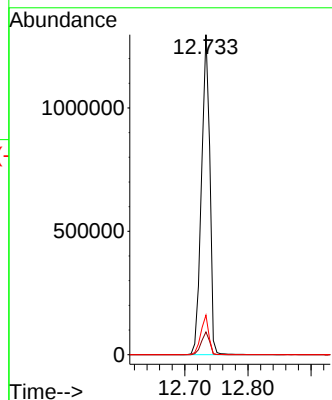
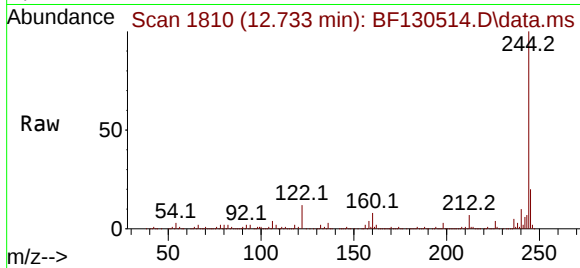




#79
 Terphenyl-d14
 Concen: 87.816 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130514.D
 Acq: 04 Oct 2022 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB148020TB

Tgt Ion:244 Resp: 1184540
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.163 min Scan# 2223
 Delta R.T. -0.012 min
 Lab File: BF130514.D
 Acq: 04 Oct 2022 13:01

Tgt Ion:264 Resp: 171574
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.3 17.0 25.4

