

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130414.D
 Acq On : 26 Sep 2022 18:32
 Operator : CG\JU
 Sample : N4742-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-14

Quant Time: Sep 27 01:07:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	95195	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	364571	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	173752	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	246379	20.000	ng	0.00
76) Chrysene-d12	13.798	240	181584	20.000	ng	0.00
86) Perylene-d12	15.192	264	215963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	278506	50.744	ng	0.00
7) Phenol-d6	6.287	99	211377	30.780	ng	0.00
23) Nitrobenzene-d5	7.216	82	626746	87.828	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	159957	96.077	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1139808	95.526	ng	0.00
79) Terphenyl-d14	12.757	244	943102	86.034	ng	0.00

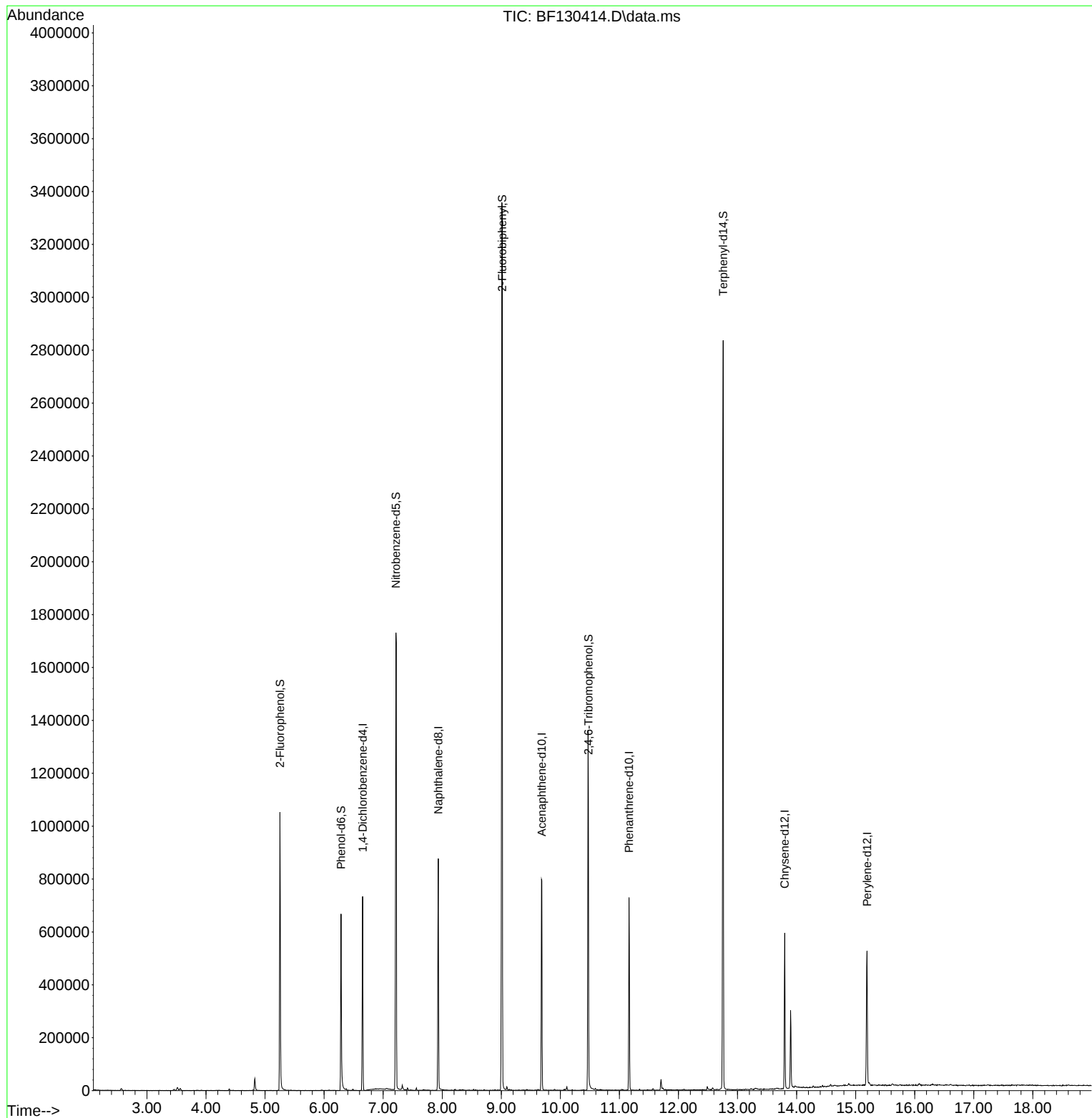
Target Compounds	Qvalue

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

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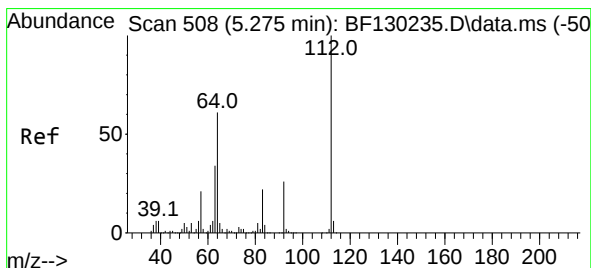
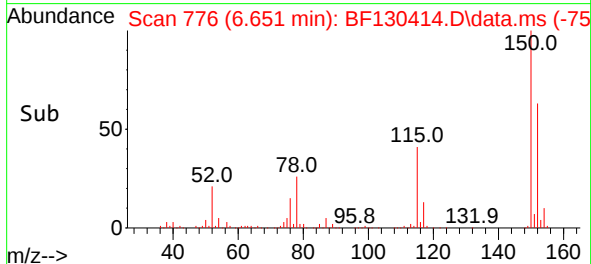
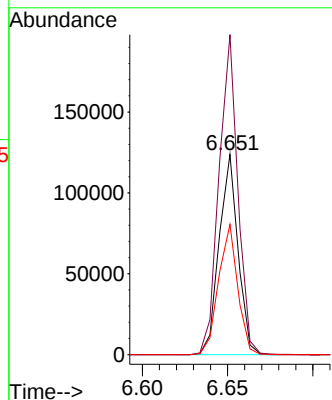
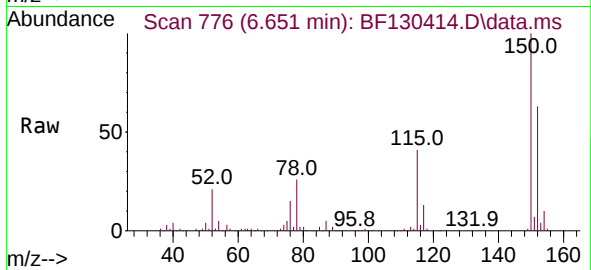




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

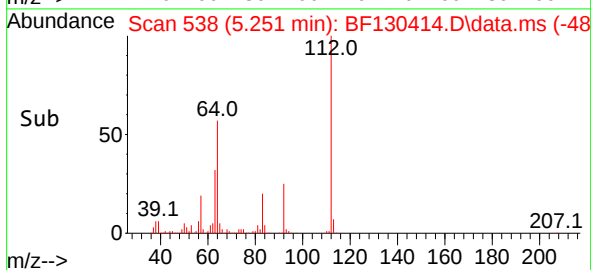
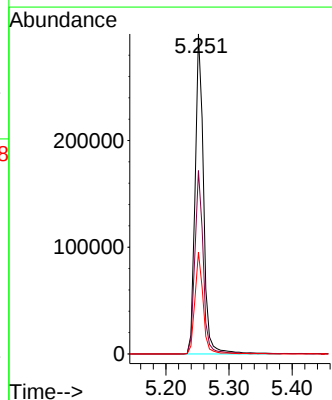
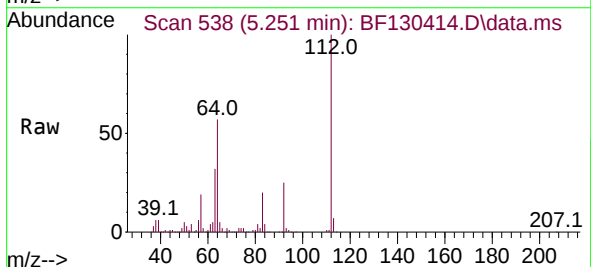
Instrument :
BNA_F
ClientSampleId :
TWP-14

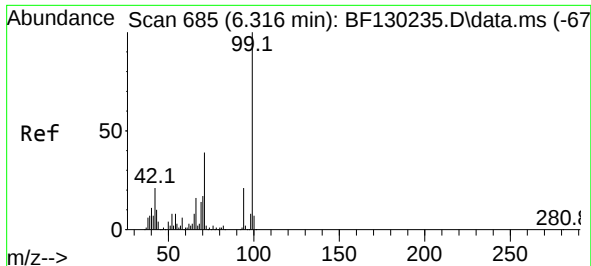
Tgt Ion:152 Resp: 95195
Ion Ratio Lower Upper
152 100
150 159.9 122.8 184.2
115 65.1 53.8 80.8



#5
2-Fluorophenol
Concen: 50.744 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

Tgt Ion:112 Resp: 278506
Ion Ratio Lower Upper
112 100
64 57.3 51.4 77.0
63 31.8 28.8 43.2

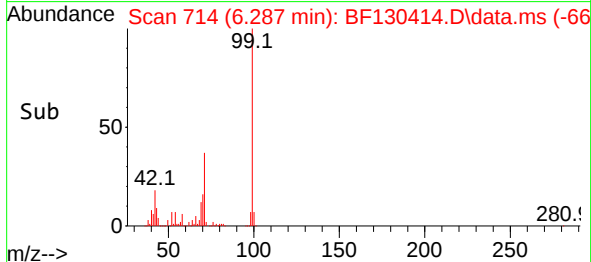
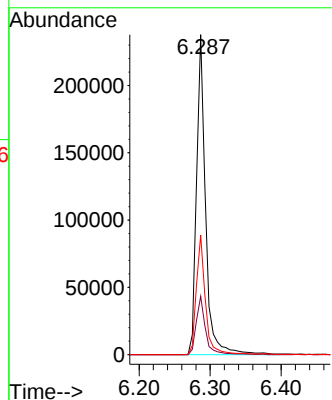
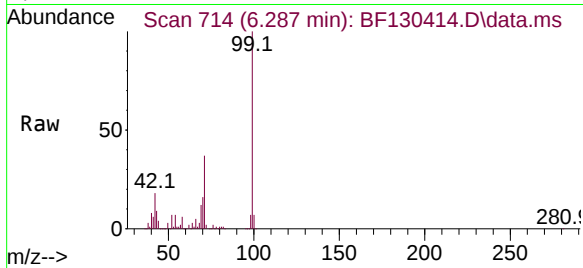




#7
Phenol-d6
Concen: 30.780 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

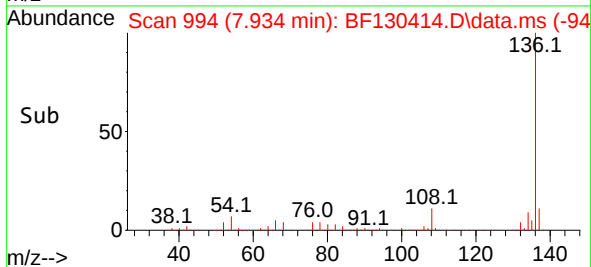
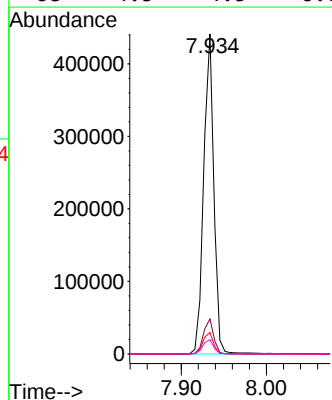
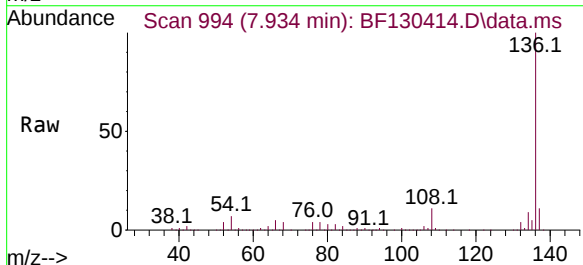
Instrument :
BNA_F
ClientSampleId :
TWP-14

Tgt Ion: 99 Resp: 211377
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

Tgt Ion: 136 Resp: 364571
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.7 7.1 10.7#
68 4.5 4.5 6.7

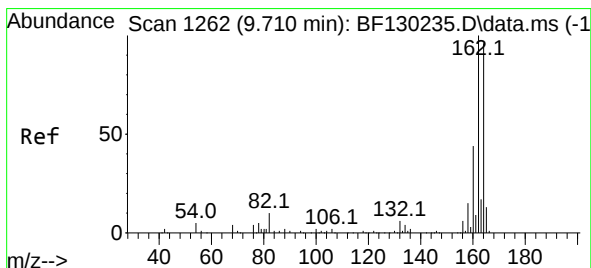
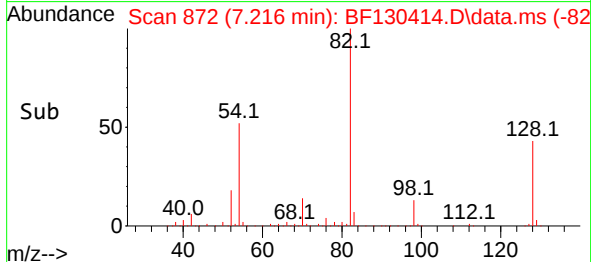
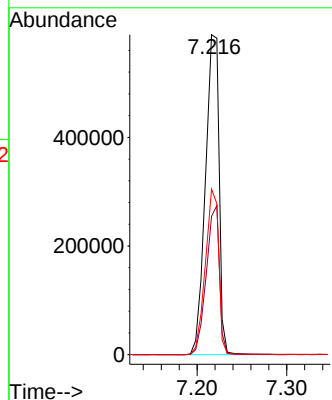
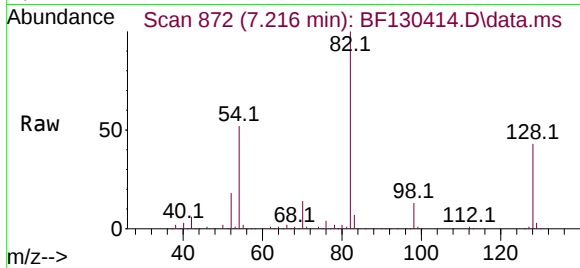




#23
Nitrobenzene-d5
Concen: 87.828 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

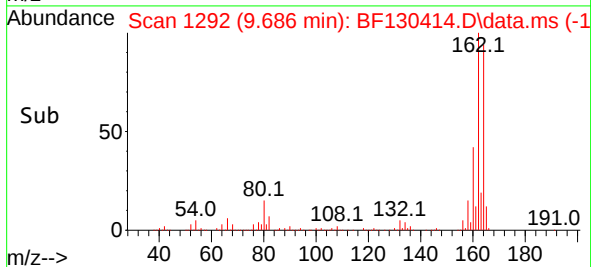
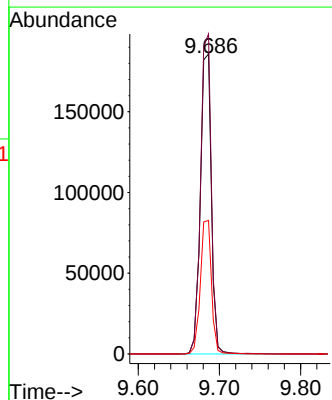
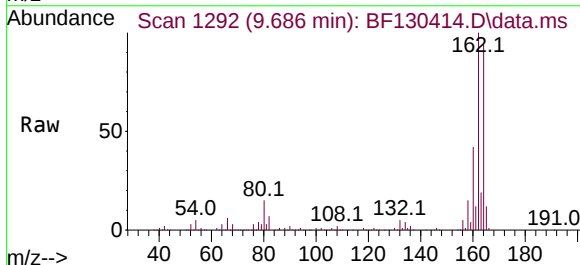
Instrument :
BNA_F
ClientSampleId :
TWP-14

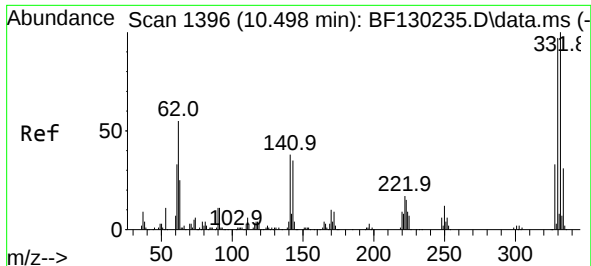
Tgt Ion: 82 Resp: 626746
Ion Ratio Lower Upper
82 100
128 43.2 32.6 49.0
54 51.7 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

Tgt Ion:164 Resp: 173752
Ion Ratio Lower Upper
164 100
162 106.7 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.077 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130414.D

Acq: 26 Sep 2022 18:32

Instrument :

BNA_F

ClientSampleId :

TWP-14

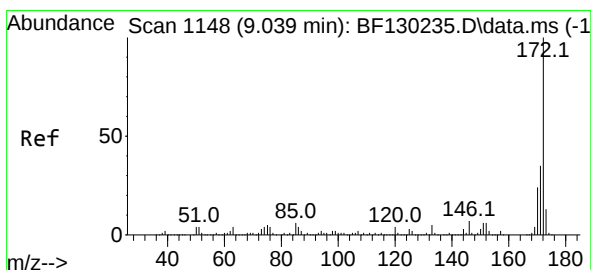
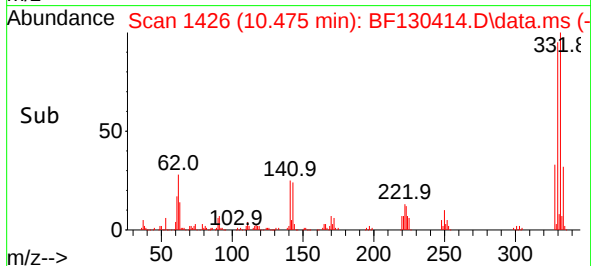
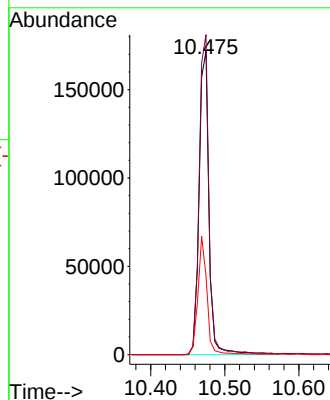
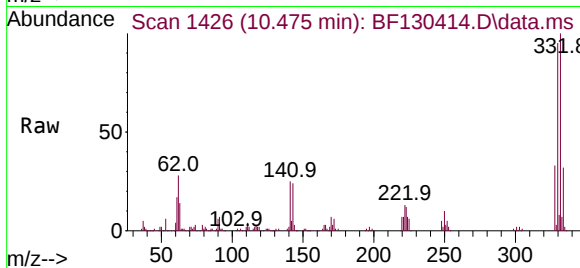
Tgt Ion:330 Resp: 159957

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 35.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 95.526 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF130414.D

Acq: 26 Sep 2022 18:32

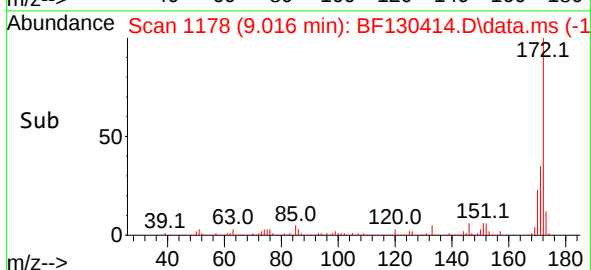
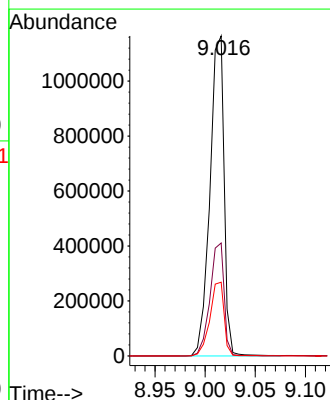
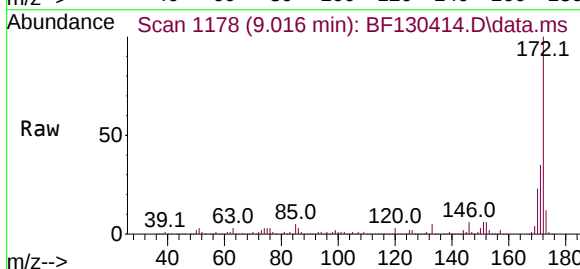
Tgt Ion:172 Resp: 1139808

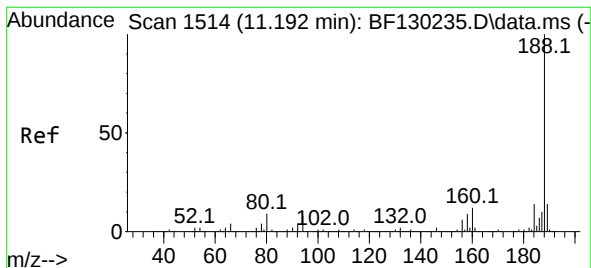
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130414.D

Acq: 26 Sep 2022 18:32

Instrument :

BNA_F

ClientSampleId :

TWP-14

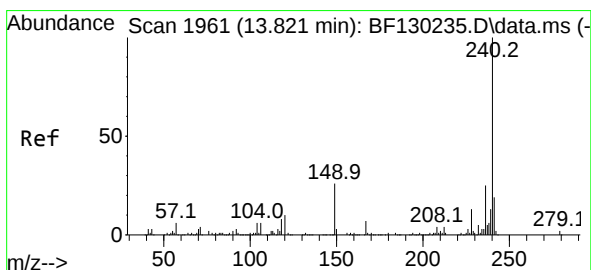
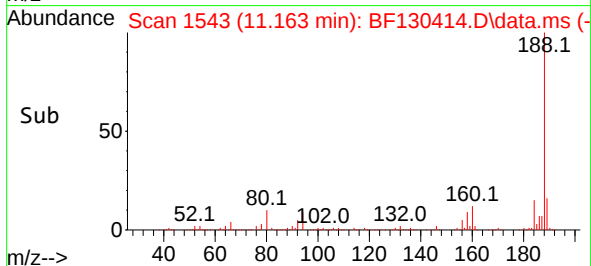
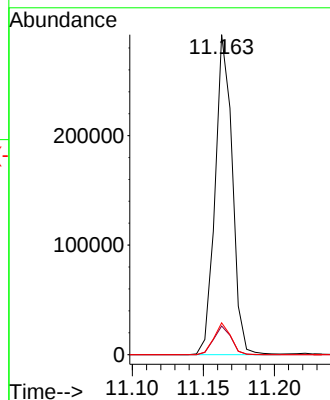
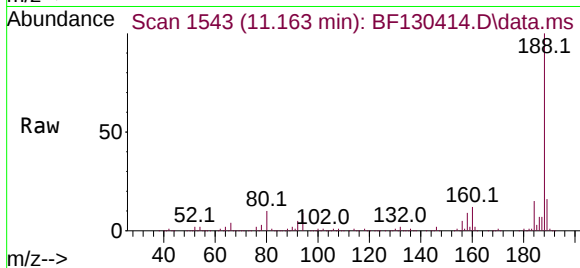
Tgt Ion:188 Resp: 246379

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF130414.D

Acq: 26 Sep 2022 18:32

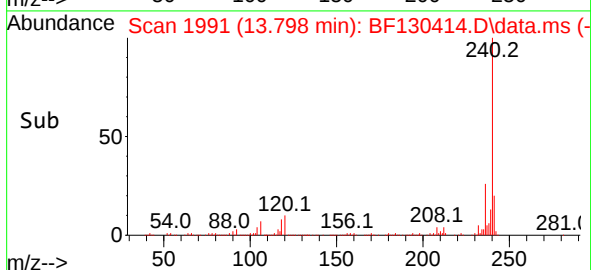
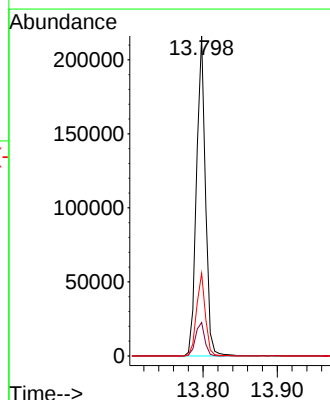
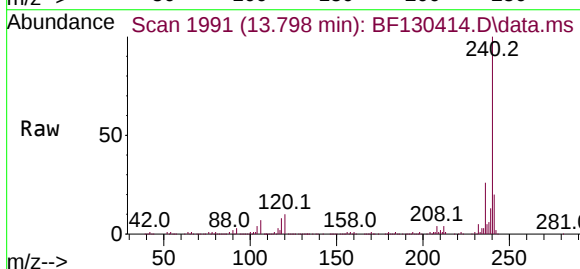
Tgt Ion:240 Resp: 181584

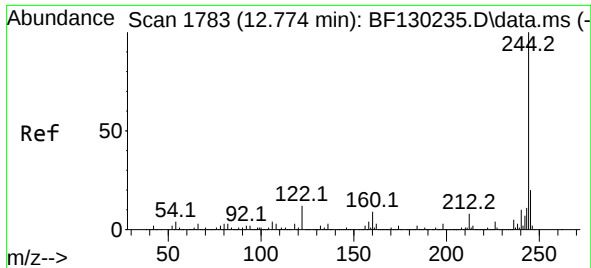
Ion Ratio Lower Upper

240 100

120 10.4 8.7 13.1

236 25.8 20.9 31.3

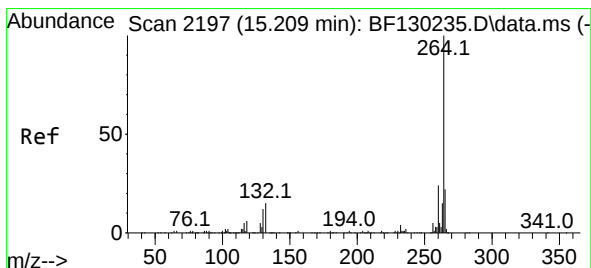
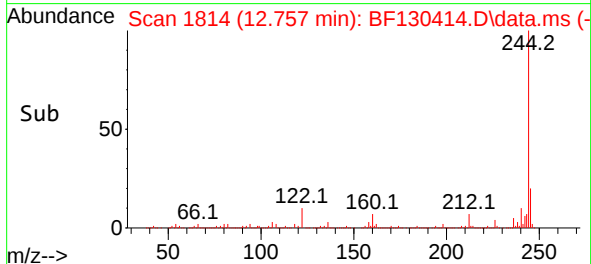
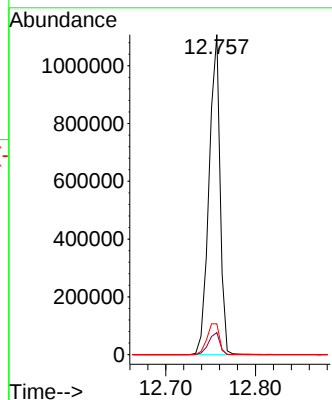
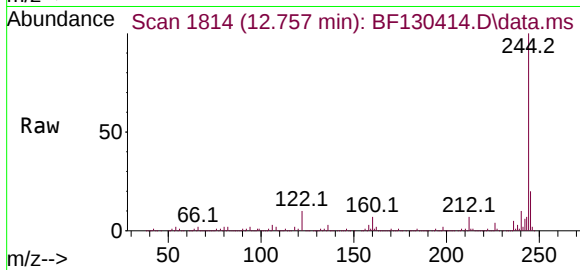




#79
 Terphenyl-d14
 Concen: 86.034 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130414.D
 Acq: 26 Sep 2022 18:32

Instrument :
 BNA_F
 ClientSampleId :
 TWP-14

Tgt Ion:244 Resp: 943102
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.000 min
 Lab File: BF130414.D
 Acq: 26 Sep 2022 18:32

Tgt Ion:264 Resp: 215963
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 20.9 17.0 25.4

