

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)

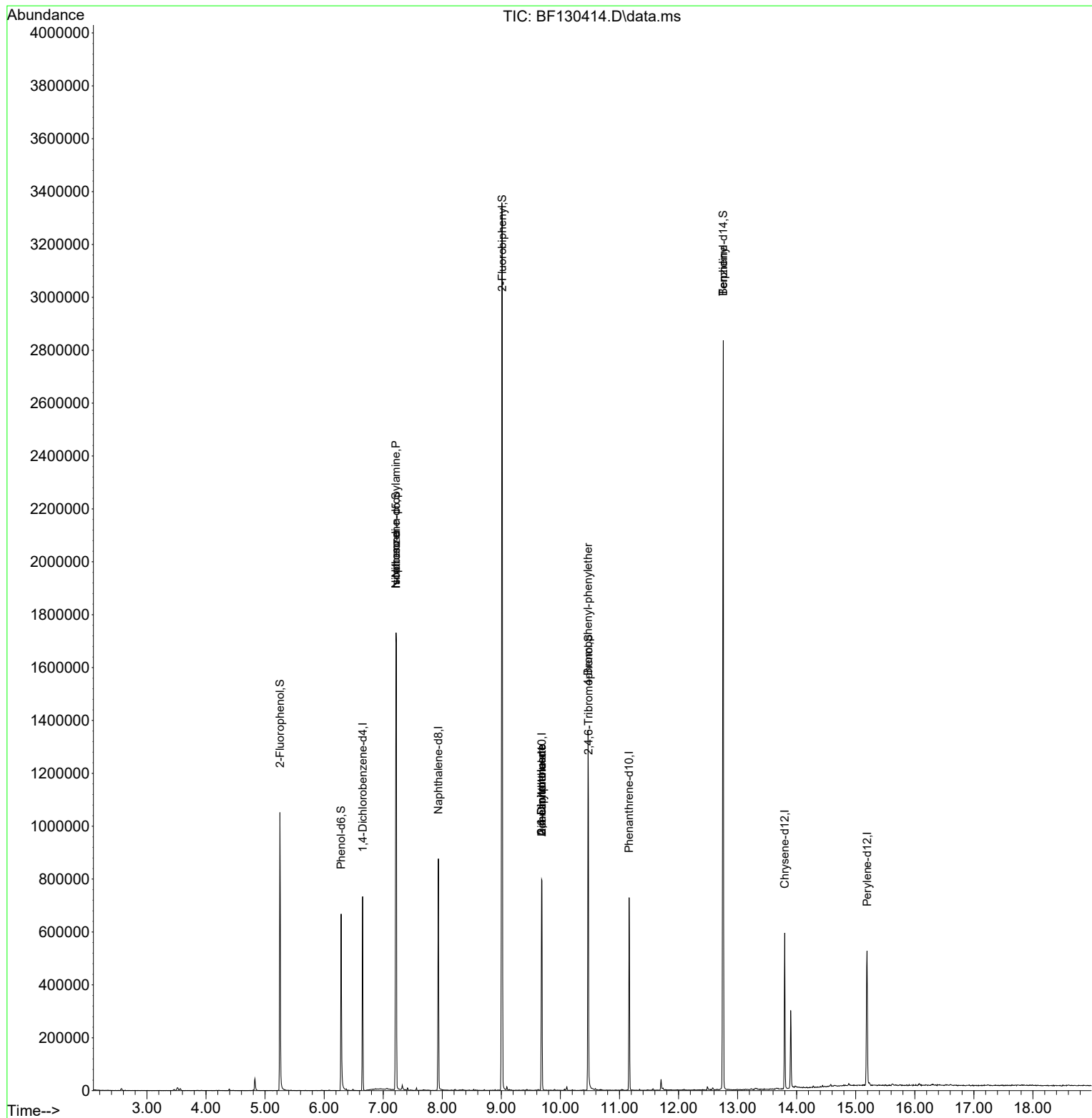
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	95195	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	364571	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	173752	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	246379	20.000	ng	0.00
76) Chrysene-d12	13.798	240	181584	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.216	70	85150	18.375	ng	# 74
25) Isophorone	7.216	82	626740	54.491	ng	# 66
50) Dimethylphthalate	9.686	163	33234	2.769	ng	# 1
51) 2,6-Dinitrotoluene	9.681	165	21986	8.759	ng	# 16
57) 2,4-Dinitrotoluene	9.681	165	21986	6.854	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	9612	3.536	ng	# 1
77) Benzidine	12.757	184	14032	2.662	ng	# 88

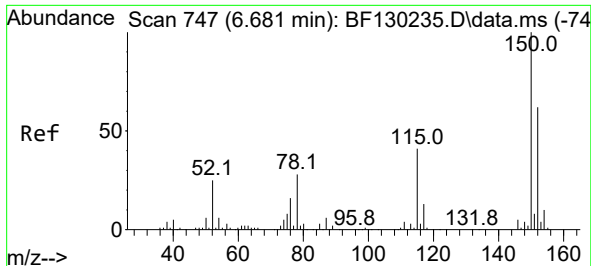
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

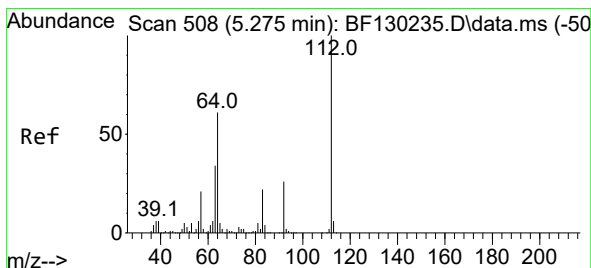
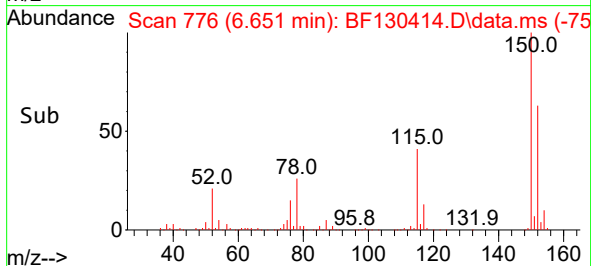
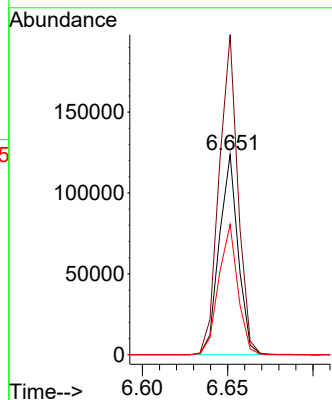
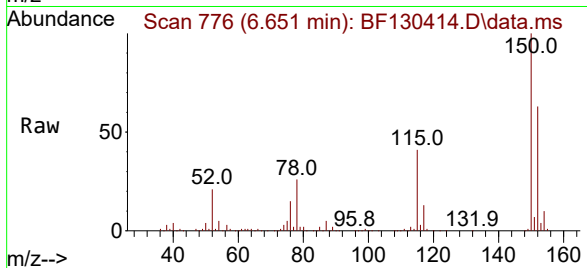




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130414.D
 Acq: 26 Sep 2022 18:32

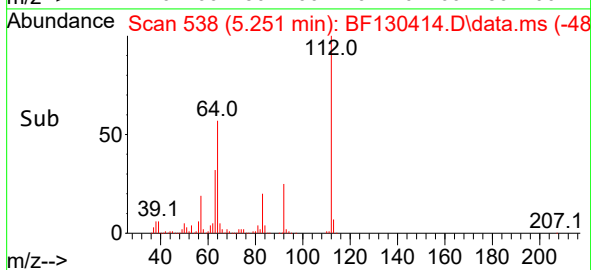
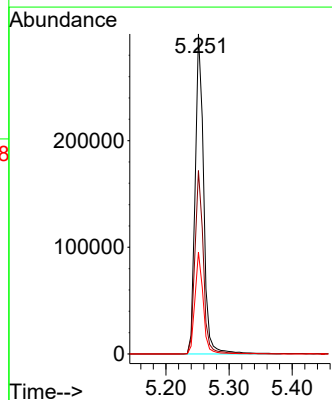
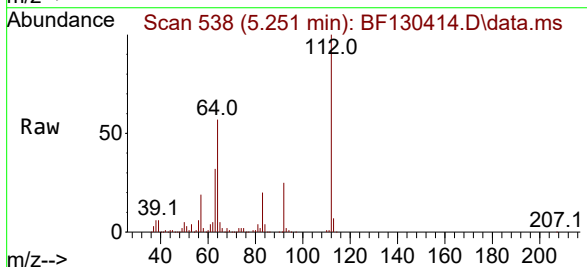
Instrument :
 BNA_F
 ClientSampleId :
 TWP-14

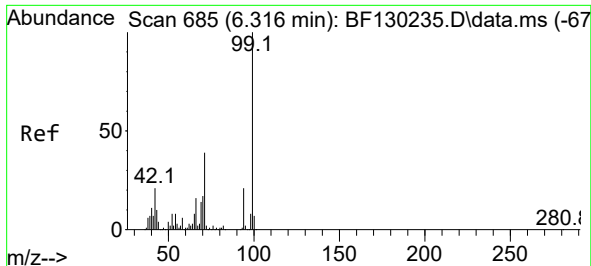
Tgt Ion:152 Resp: 95195
 Ion Ratio Lower Upper
 152 100
 150 159.9 122.8 184.2
 115 65.1 53.8 80.8



#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

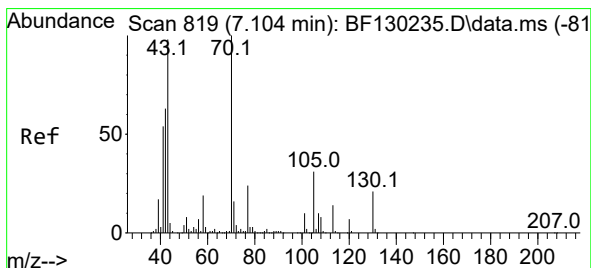
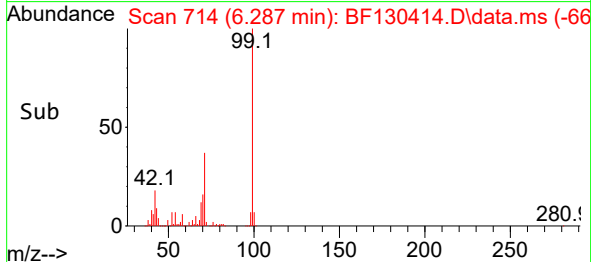
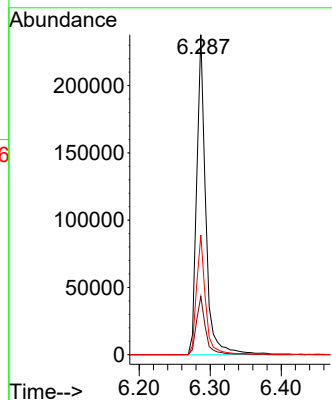
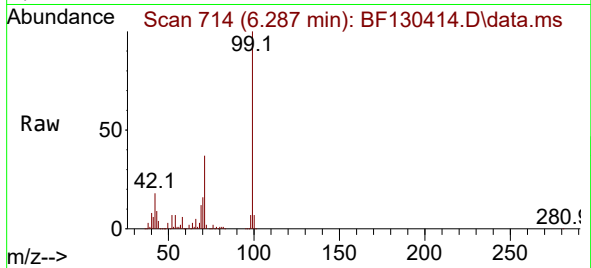




#7
Phenol-d6
Concen: 30.780 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

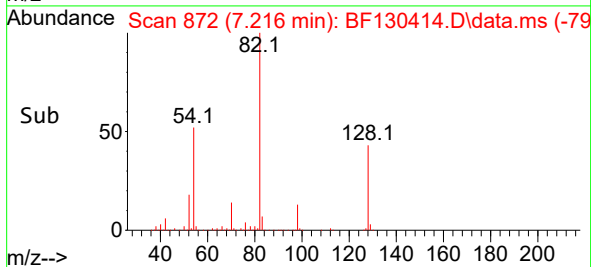
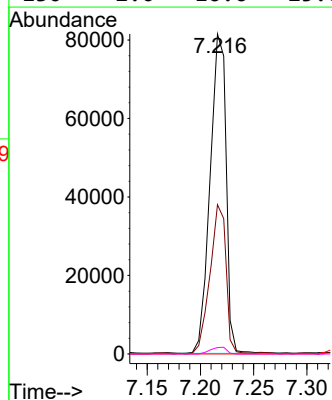
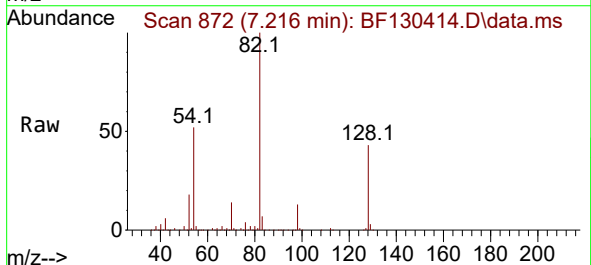
Instrument :
BNA_F
ClientSampleId :
TWP-14

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



#19
n-Nitroso-di-n-propylamine
Concen: 18.375 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.141 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

Tgt Ion: 70 Resp: 85150
Ion Ratio Lower Upper
70 100
42 46.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

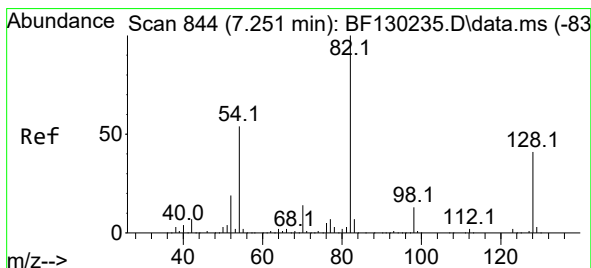
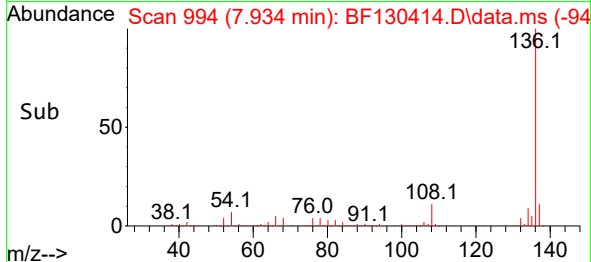
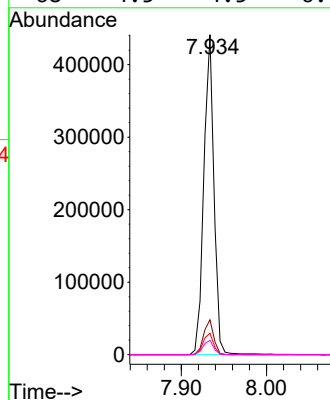
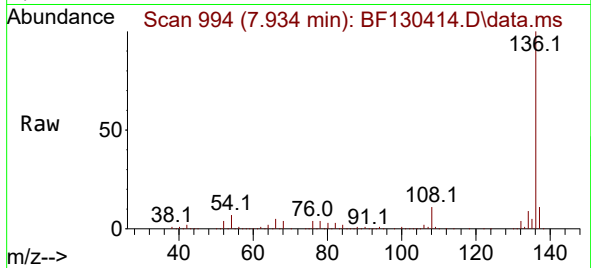




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

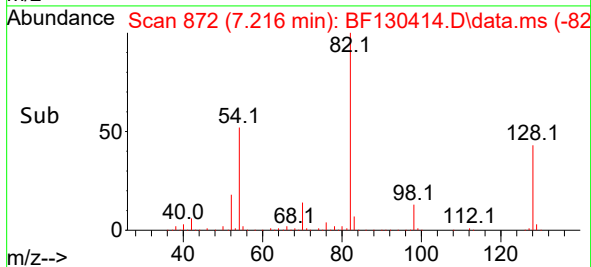
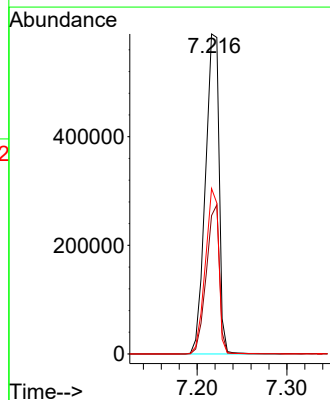
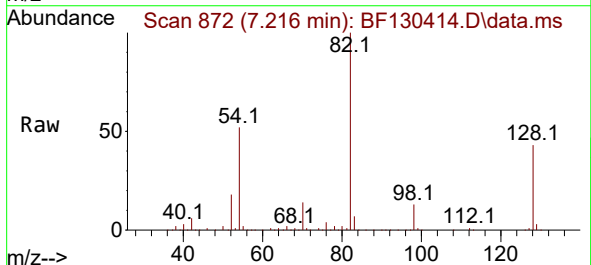
Instrument :
BNA_F
ClientSampleId :
TWP-14

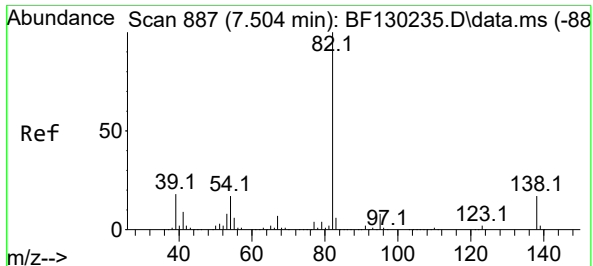
Tgt Ion:136 Resp: 364571
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.7 7.1 10.7#
68 4.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 87.828 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

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

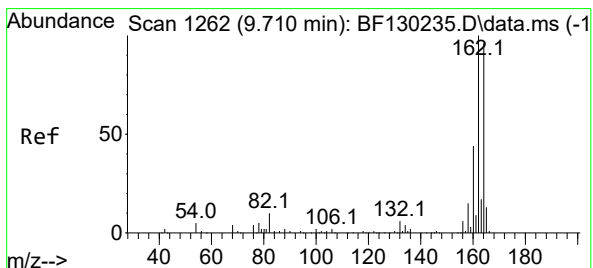
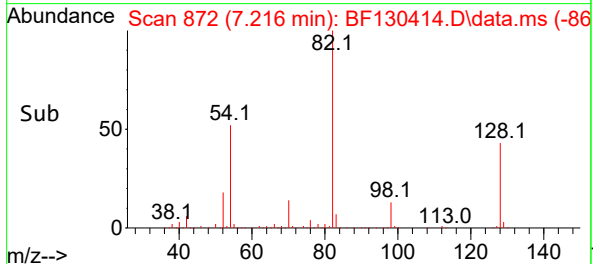
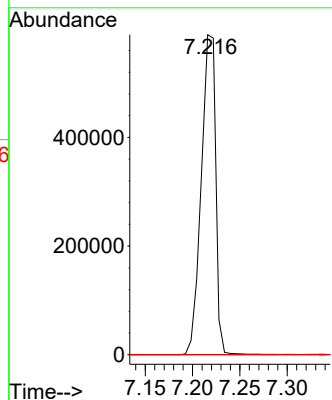
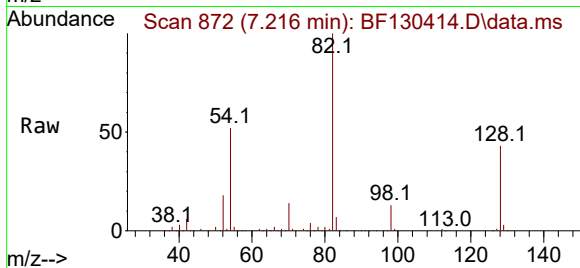




#25
Isophorone
Concen: 54.491 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

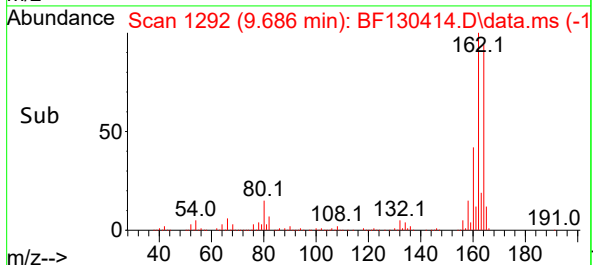
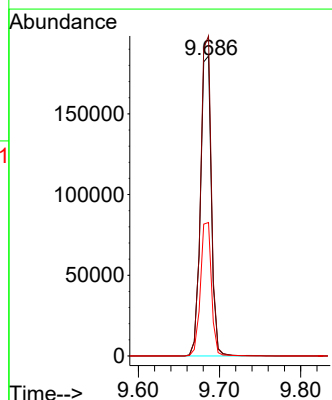
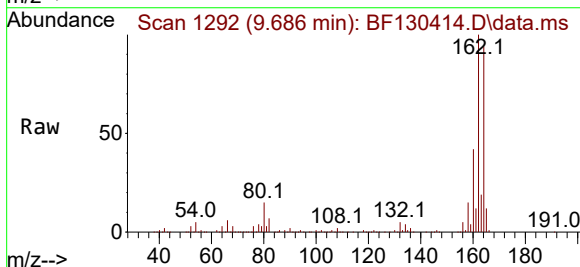
Instrument :
BNA_F
ClientSampleId :
TWP-14

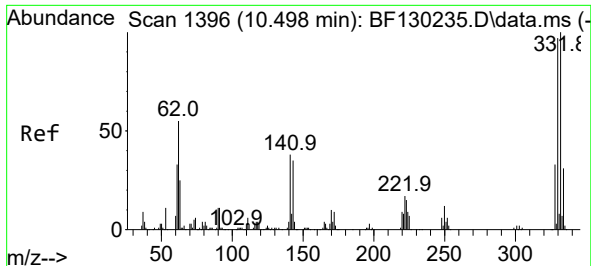
Tgt Ion: 82 Resp: 626740
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#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

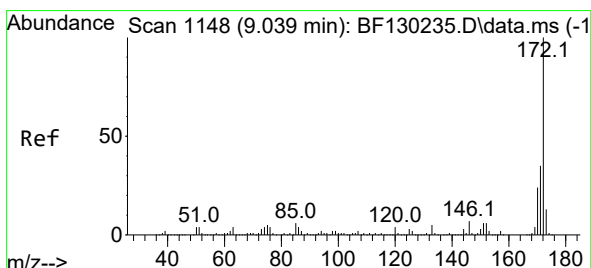
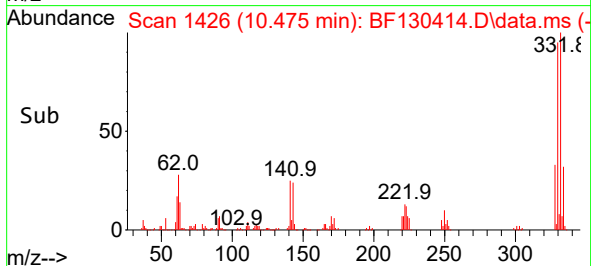
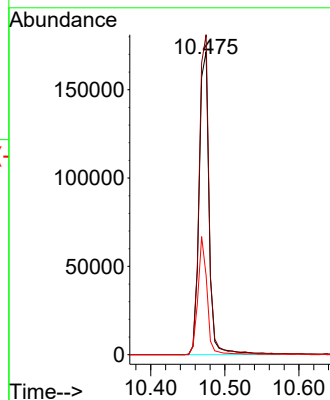
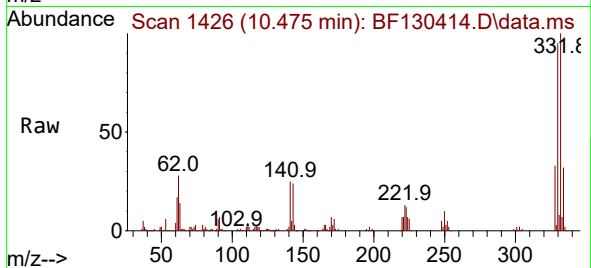
Tgt Ion:330 Resp: 159957

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

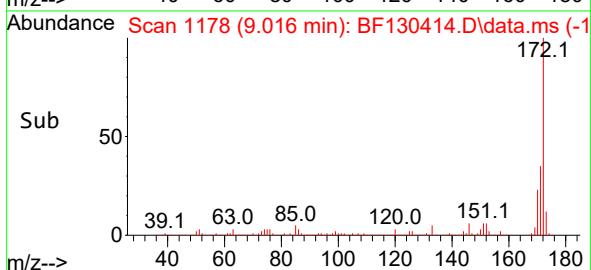
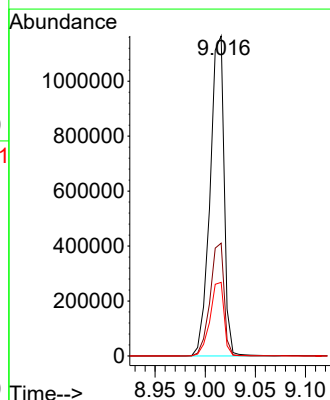
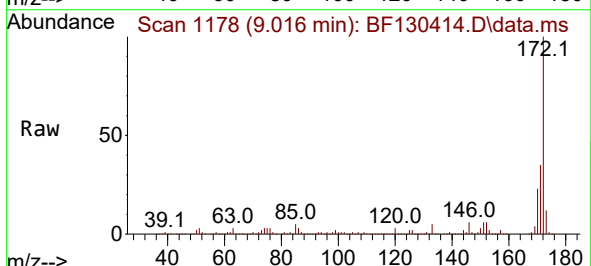
Tgt Ion:172 Resp: 1139808

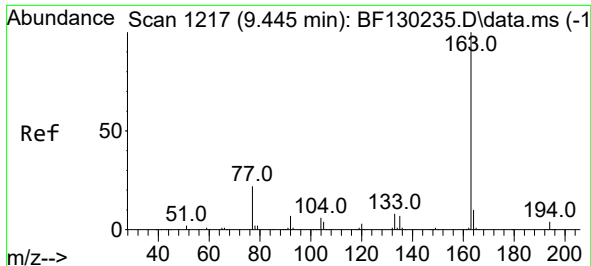
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 18.7 28.1

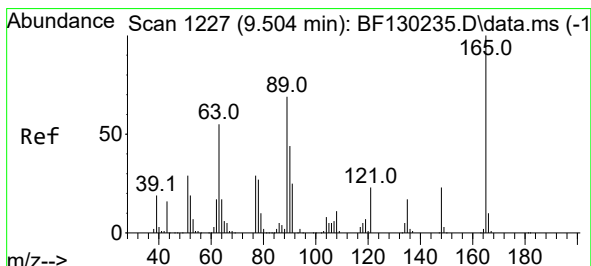
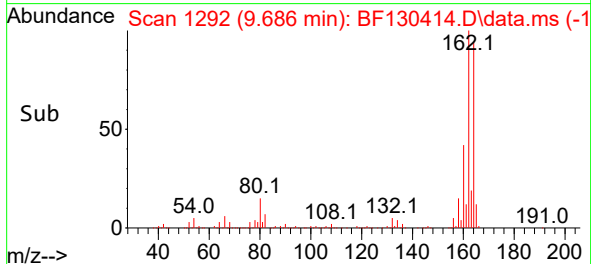
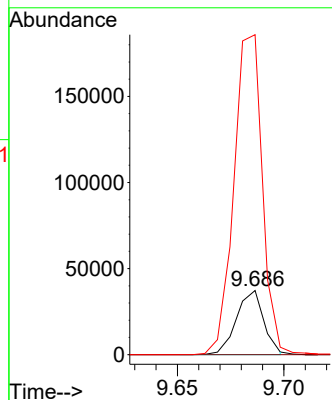
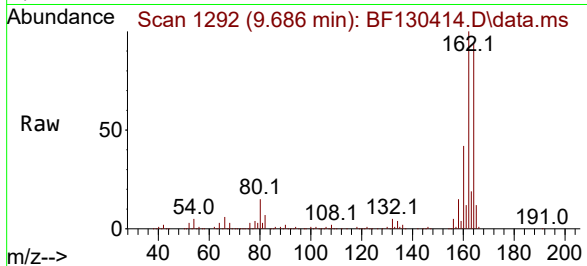




#50
Dimethylphthalate
Concen: 2.769 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.265 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

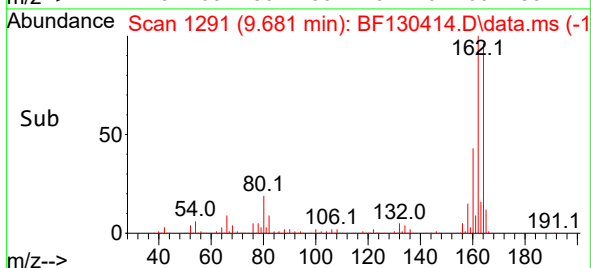
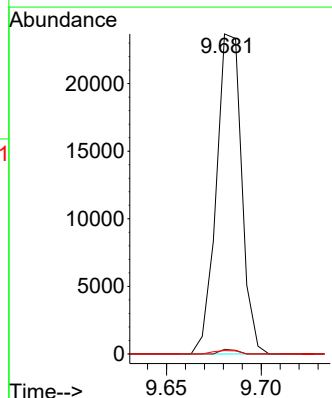
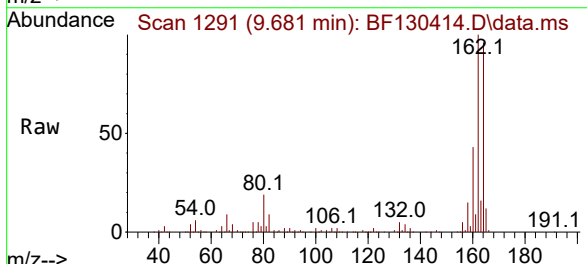
Instrument :
BNA_F
ClientSampleId :
TWP-14

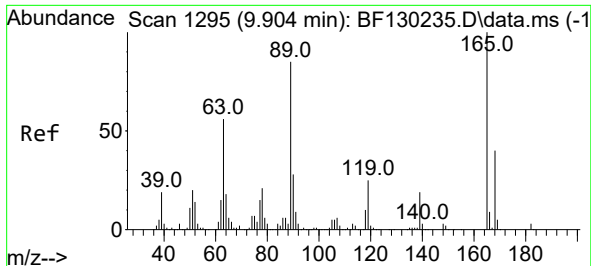
Tgt Ion:163 Resp: 33234
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 498.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.759 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.194 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

Tgt Ion:165 Resp: 21986
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.0 54.5 81.7#

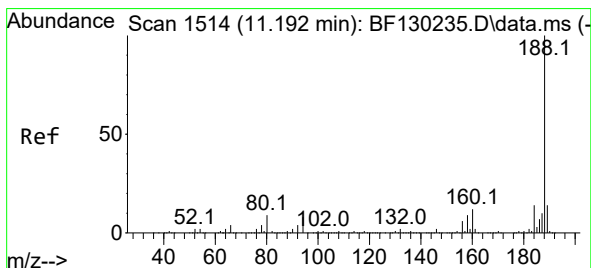
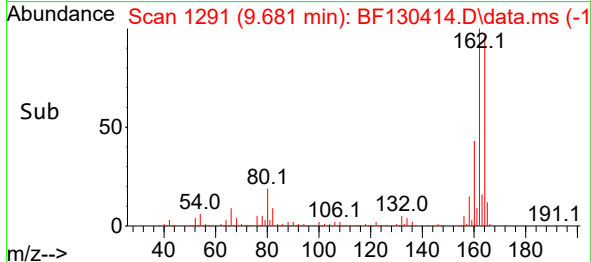
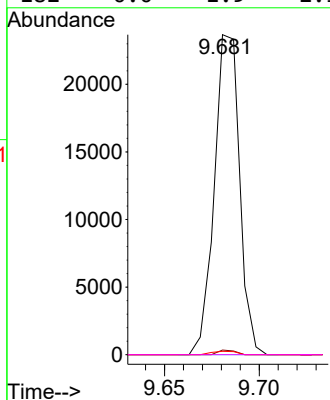
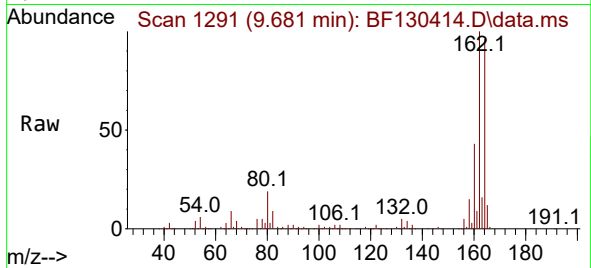




#57
2,4-Dinitrotoluene
Concen: 6.854 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

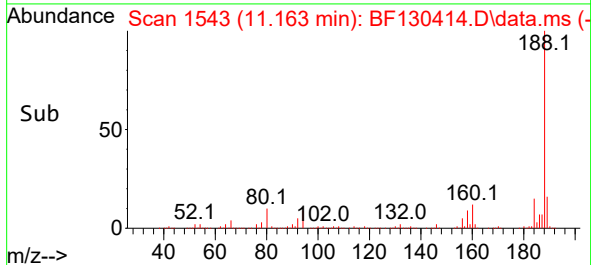
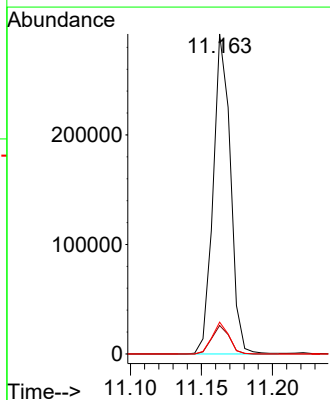
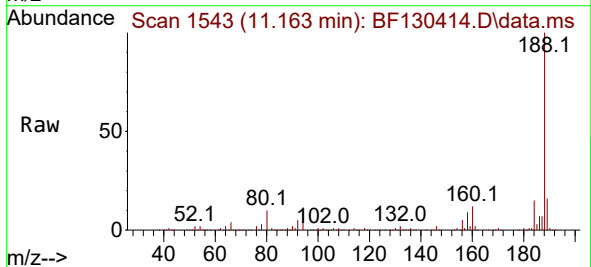
Instrument :
BNA_F
ClientSampleId :
TWP-14

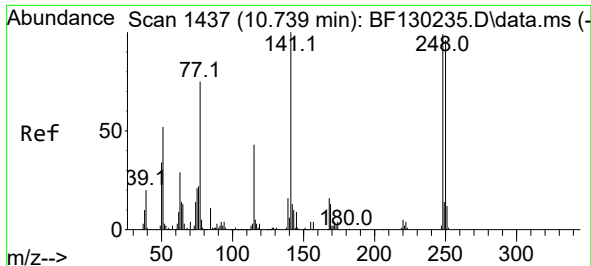
Tgt Ion:165	Resp:	21986
Ion Ratio	Lower	Upper
165	100	
63	1.5	44.7 67.1#
89	1.0	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

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

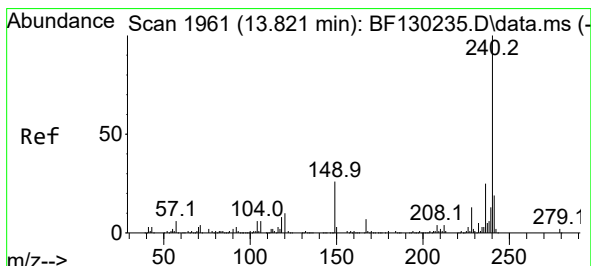
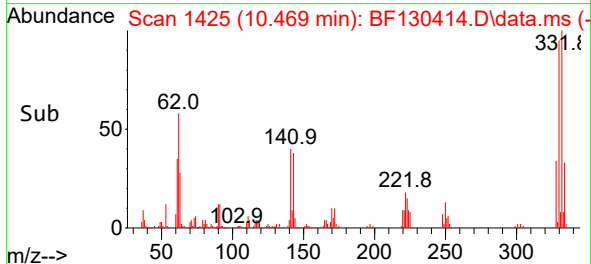
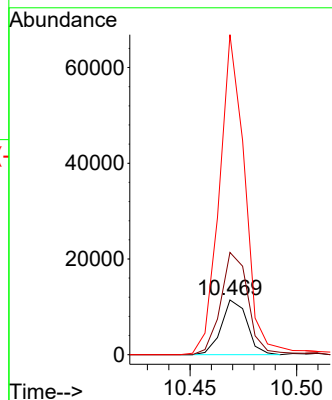
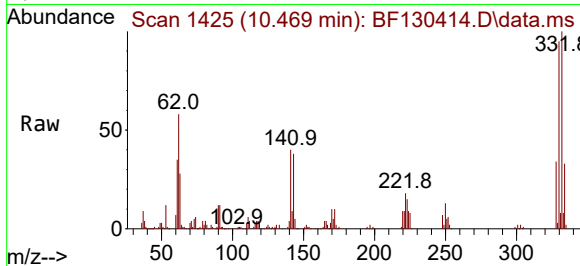




#67
4-Bromophenyl-phenylether
Concen: 3.536 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

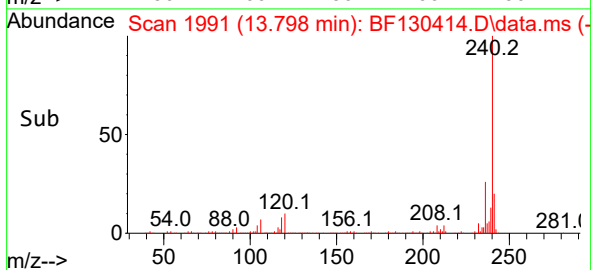
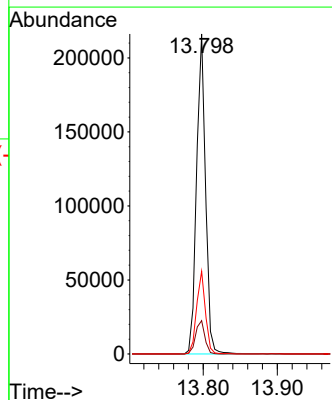
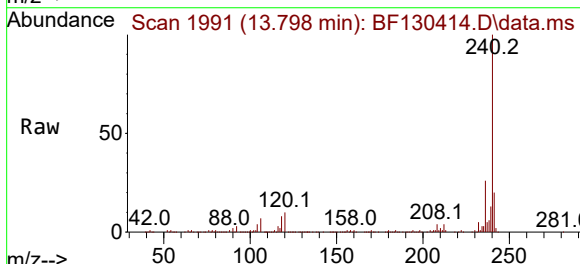
Instrument :
BNA_F
ClientSampleId :
TWP-14

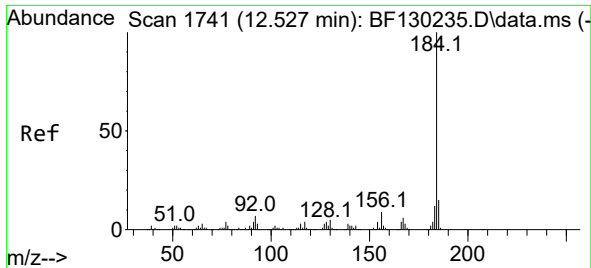
Tgt Ion:248 Resp: 9612
Ion Ratio Lower Upper
248 100
250 186.8 80.0 120.0#
141 585.0 68.5 102.7#



#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

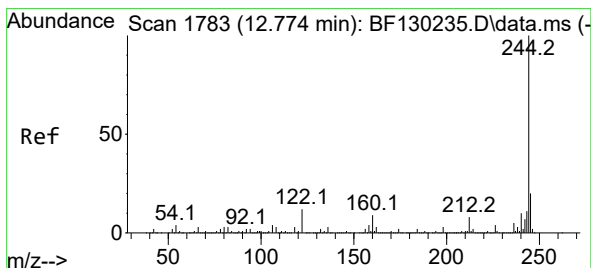
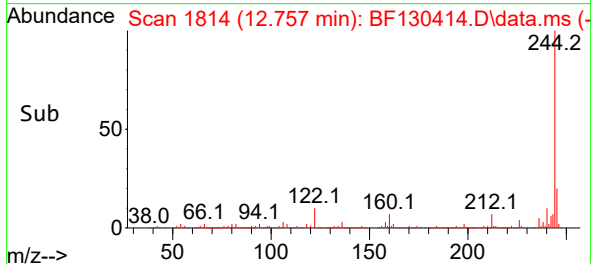
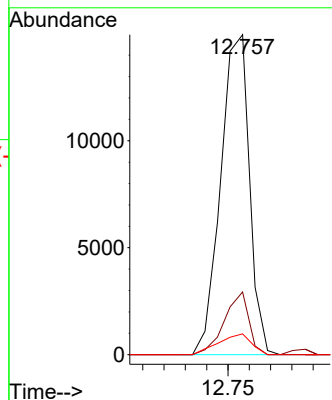
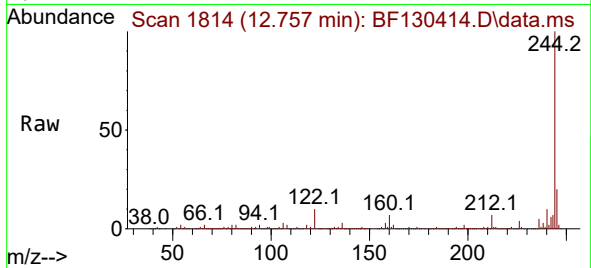




#77
Benzidine
Concen: 2.662 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.247 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

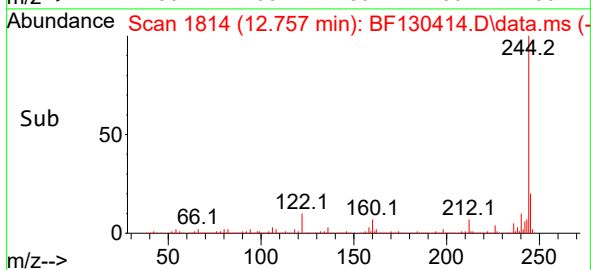
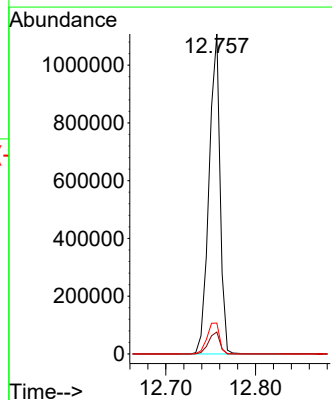
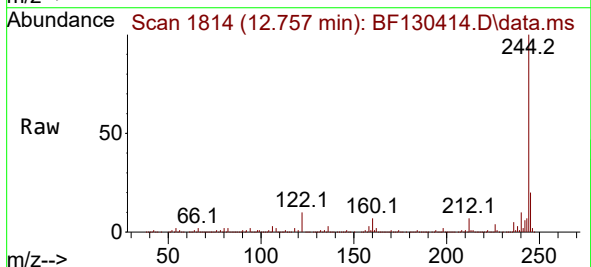
Instrument :
BNA_F
ClientSampleId :
TWP-14

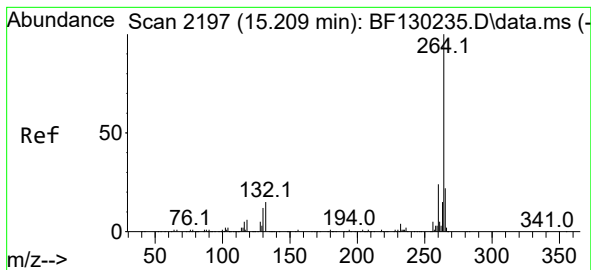
Tgt Ion:184 Resp: 14032
Ion Ratio Lower Upper
184 100
185 19.6 11.8 17.6#
183 6.5 9.1 13.7#



#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

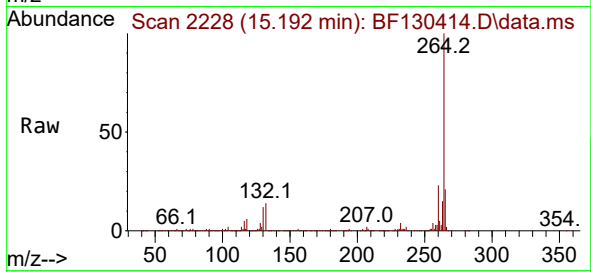
Tgt Ion:244 Resp: 943102
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130414.D
Acq: 26 Sep 2022 18:32

Instrument :
BNA_F
ClientSampleId :
TWP-14



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

