

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130415.D
 Acq On : 26 Sep 2022 19:09
 Operator : CG\JU
 Sample : N4742-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-21

Quant Time: Sep 27 01:07:50 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)

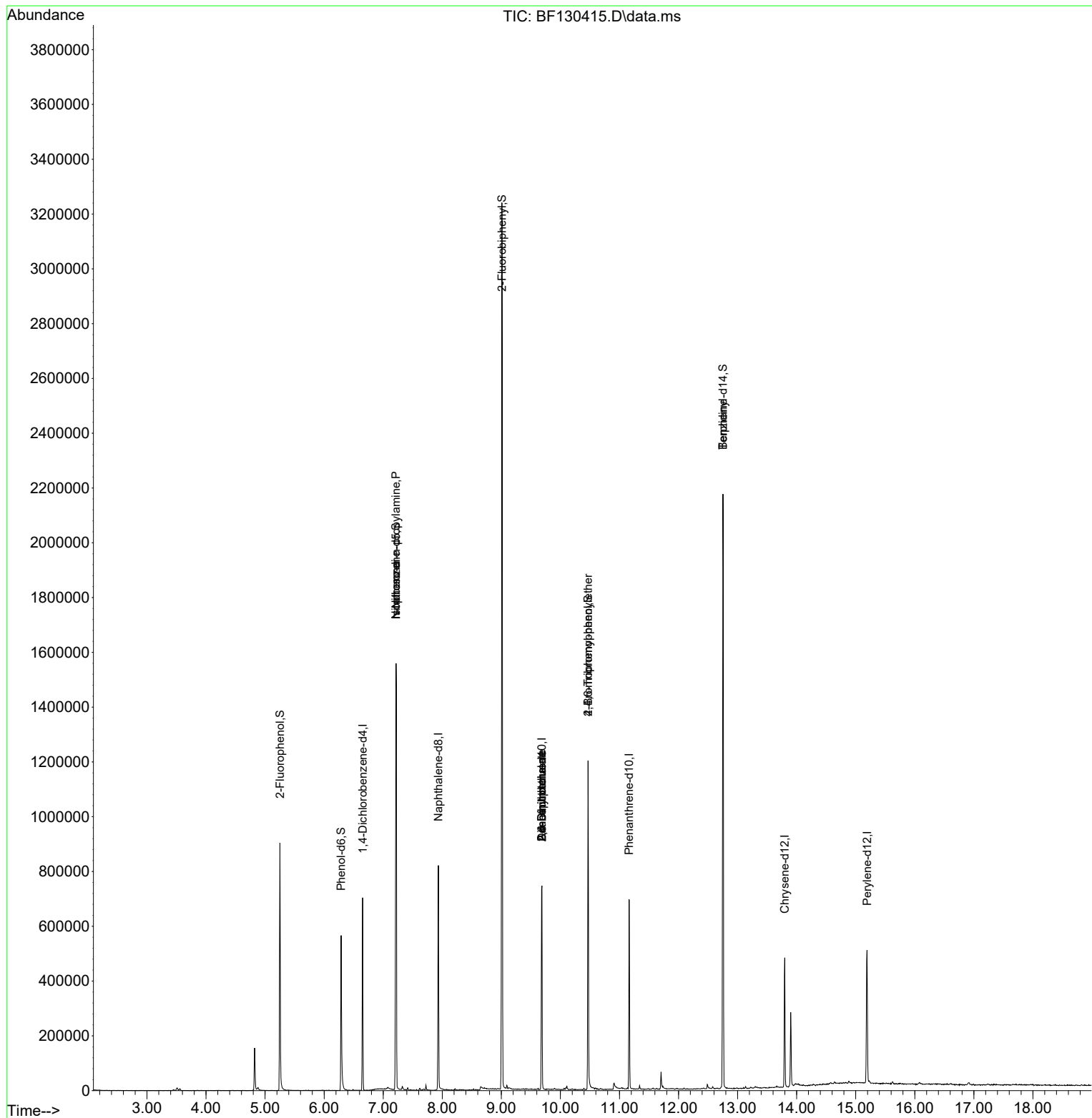
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	91654	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	339606	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	160704	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	225150	20.000	ng	0.00
76) Chrysene-d12	13.798	240	157538	20.000	ng	0.00
86) Perylene-d12	15.192	264	205228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	241636	45.727	ng	0.00
7) Phenol-d6	6.287	99	188051	28.441	ng	0.00
23) Nitrobenzene-d5	7.216	82	543758	81.800	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	135934	88.277	ng	-0.01
45) 2-Fluorobiphenyl	9.010	172	990537	89.756	ng	0.00
79) Terphenyl-d14	12.751	244	728322	76.582	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.216	70	72090	16.158	ng	# 74
25) Isophorone	7.216	82	543752	50.751	ng	# 66
50) Dimethylphthalate	9.686	163	30465	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	21184	9.125	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	21184	7.140	ng	# 16
67) 4-Bromophenyl-phenylether	10.469	248	8228	3.313	ng	# 1
77) Benzidine	12.751	184	11097	2.427	ng	# 93

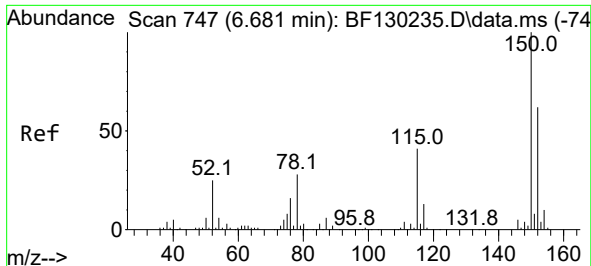
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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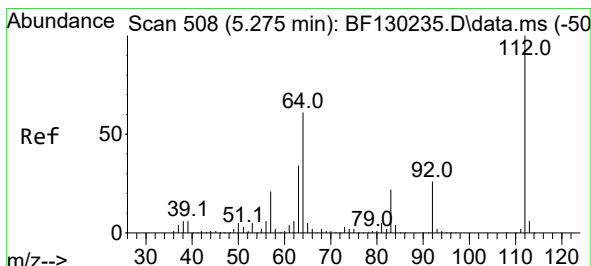
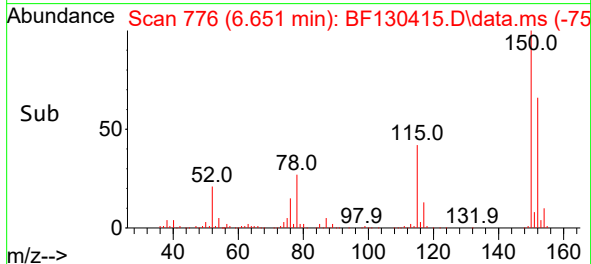
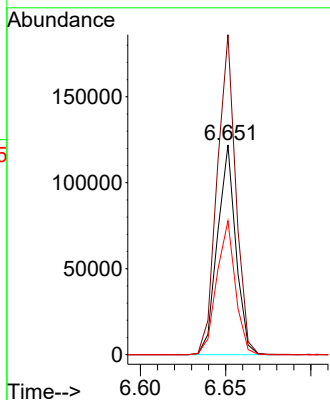
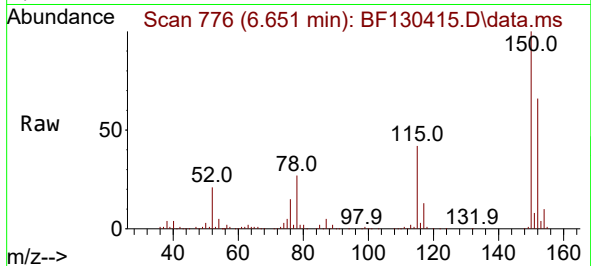




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

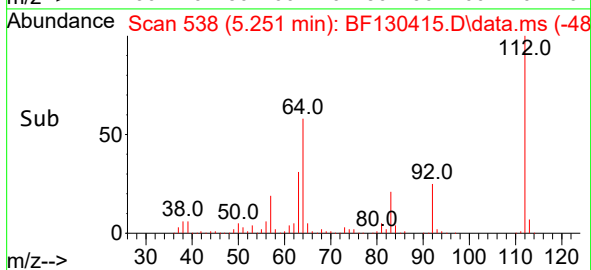
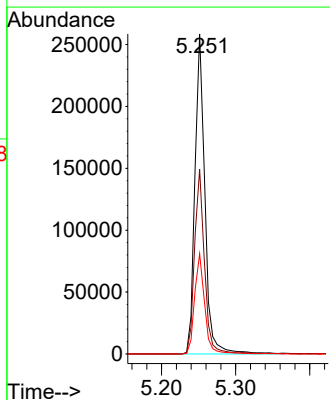
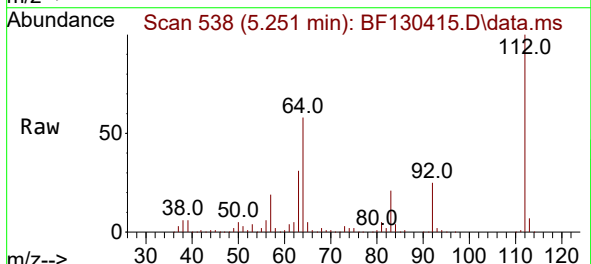
Instrument :
BNA_F
ClientSampleId :
TWP-21

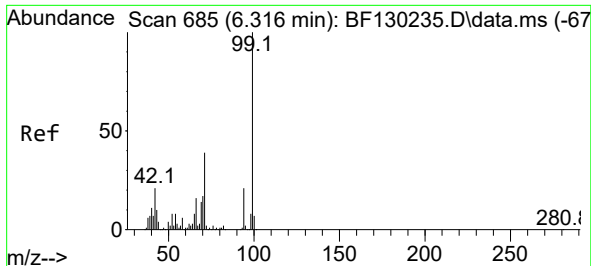
Tgt Ion:152 Resp: 91654
Ion Ratio Lower Upper
152 100
150 152.6 122.8 184.2
115 63.9 53.8 80.8



#5
2-Fluorophenol
Concen: 45.727 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion:112 Resp: 241636
Ion Ratio Lower Upper
112 100
64 57.8 51.4 77.0
63 31.3 28.8 43.2

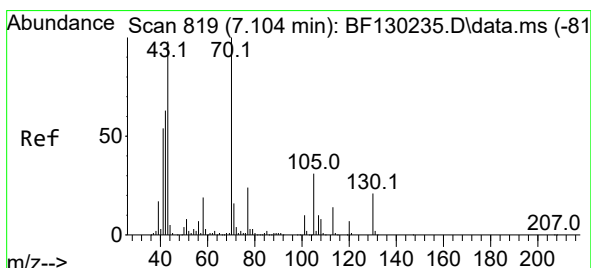
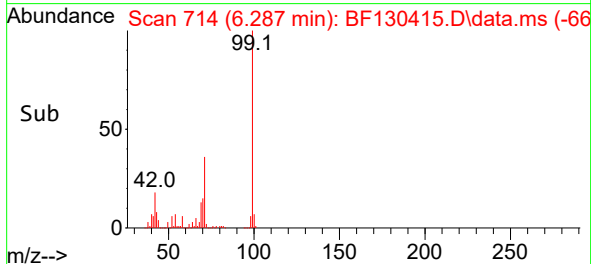
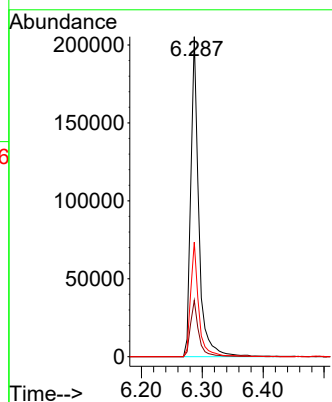
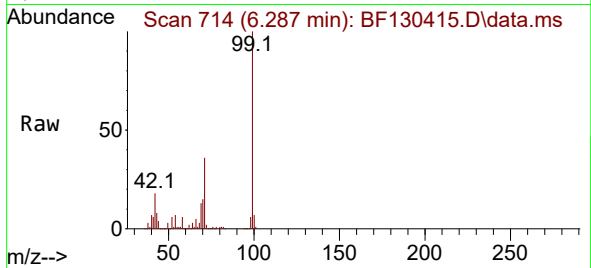




#7
Phenol-d6
Concen: 28.441 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

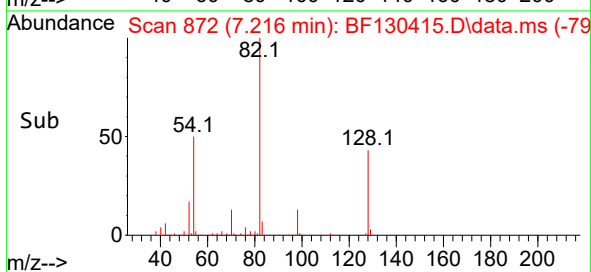
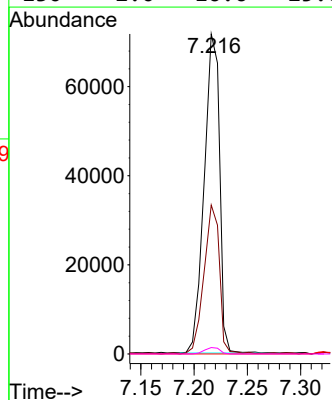
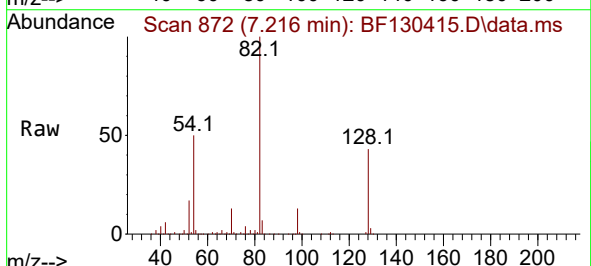
Instrument :
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ClientSampleId :
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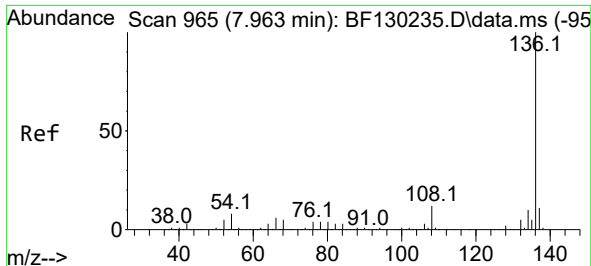
Tgt Ion: 99 Resp: 188051
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 35.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.158 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.141 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion: 70 Resp: 72090
Ion Ratio Lower Upper
70 100
42 46.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

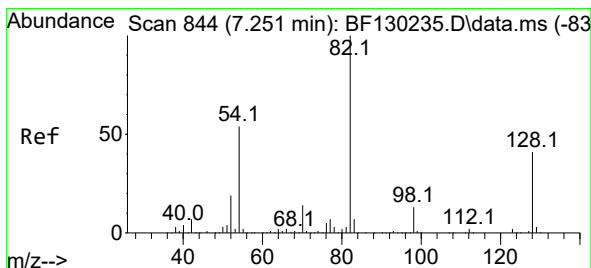
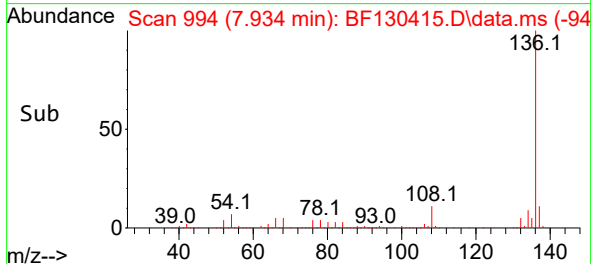
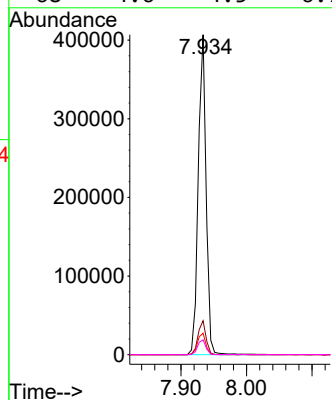
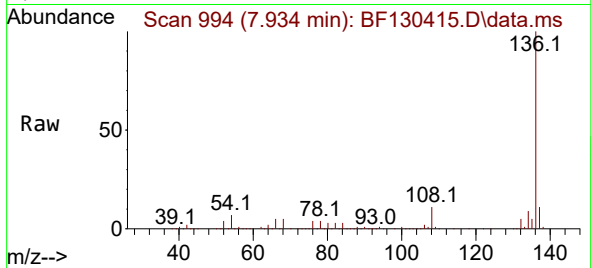




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

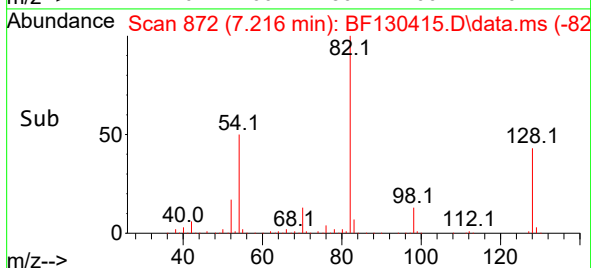
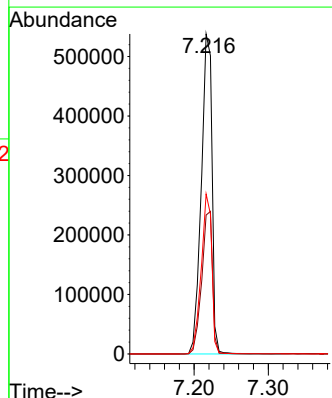
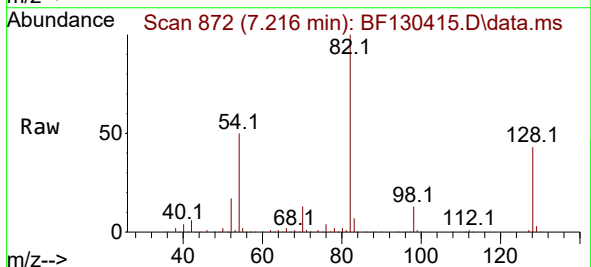
Instrument :
BNA_F
ClientSampleId :
TWP-21

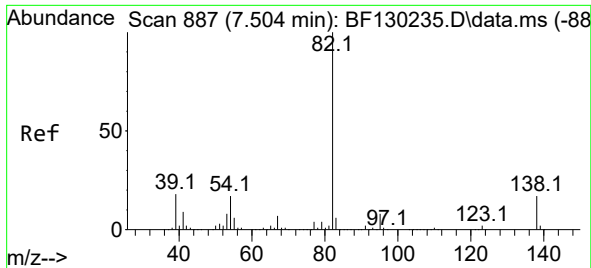
Tgt Ion:136 Resp: 339606
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.7 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 81.800 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion: 82 Resp: 543758
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 50.0 43.8 65.6

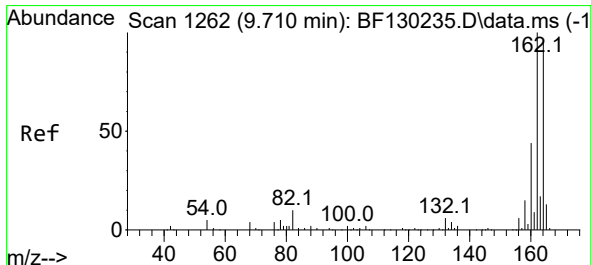
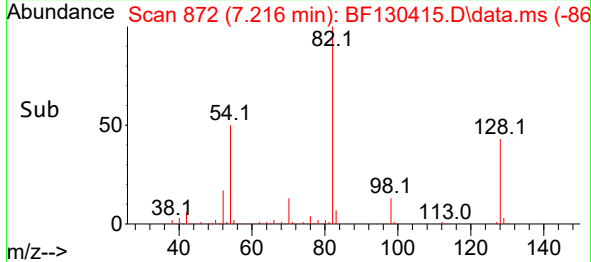
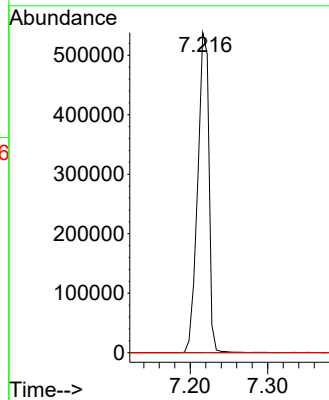
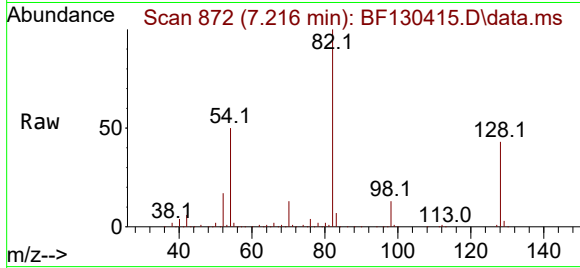




#25
Isophorone
Concen: 50.751 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

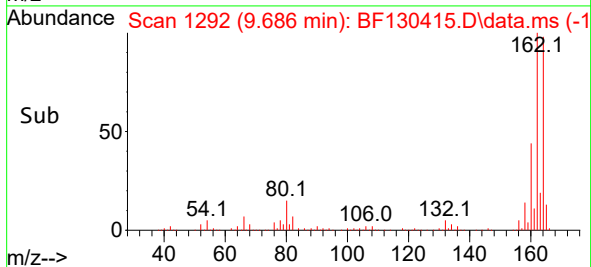
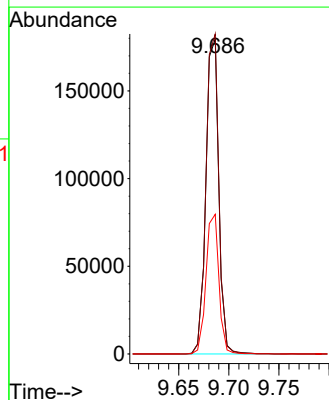
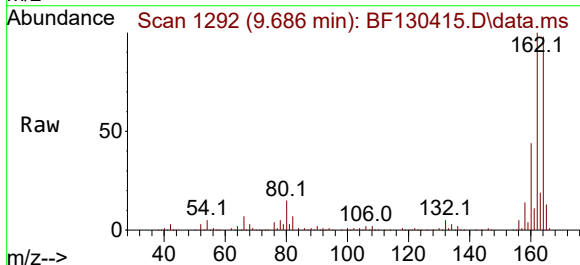
Instrument :
BNA_F
ClientSampleId :
TWP-21

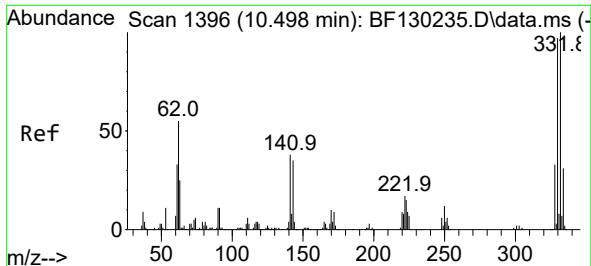
Tgt Ion: 82 Resp: 543752
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion: 164 Resp: 160704
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.4 36.2 54.4

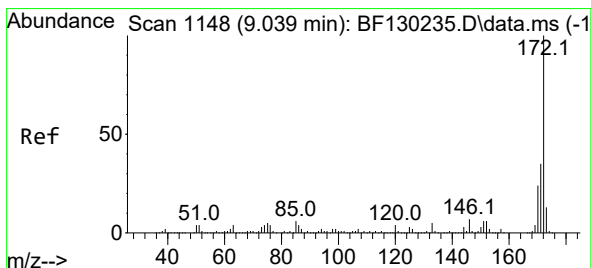
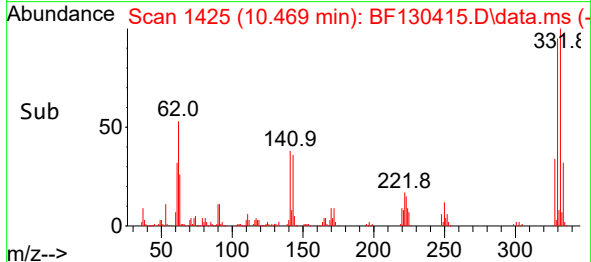
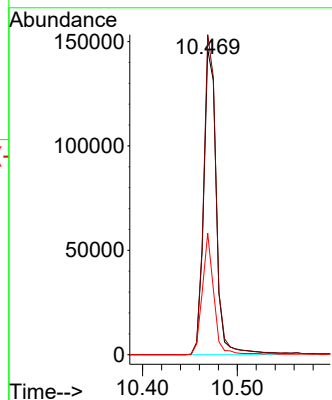
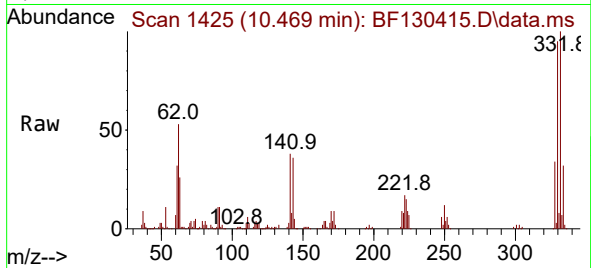




#42
2,4,6-Tribromophenol
Concen: 88.277 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

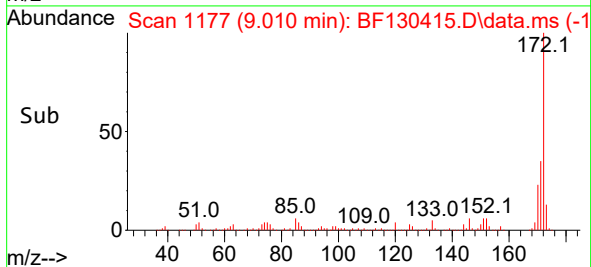
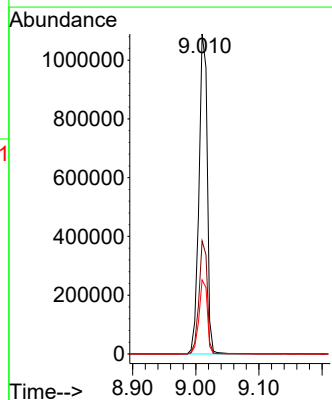
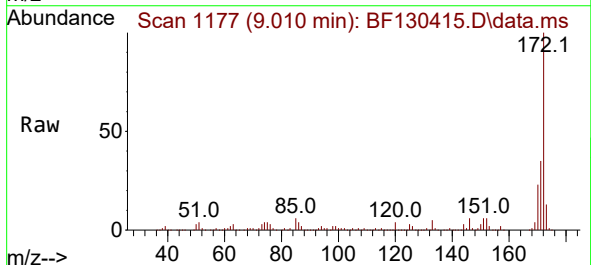
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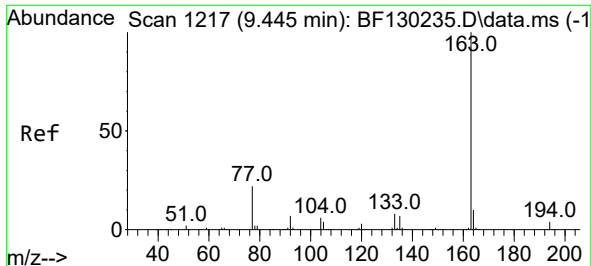
Tgt Ion:330 Resp: 135934
Ion Ratio Lower Upper
330 100
332 104.5 83.4 125.2
141 36.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 89.756 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion:172 Resp: 990537
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 18.7 28.1

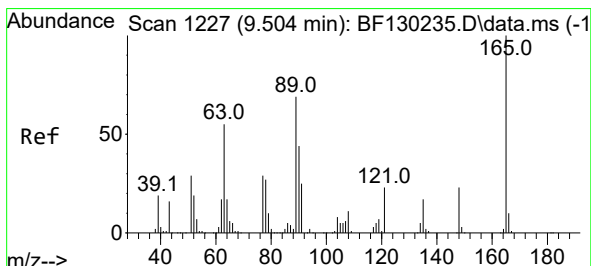
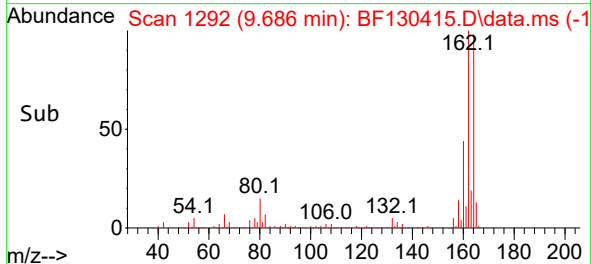
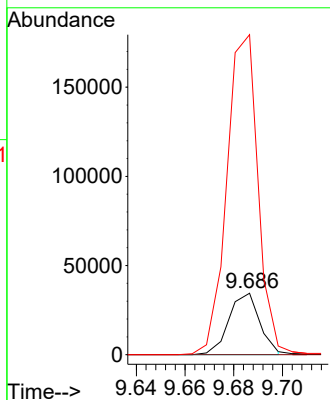
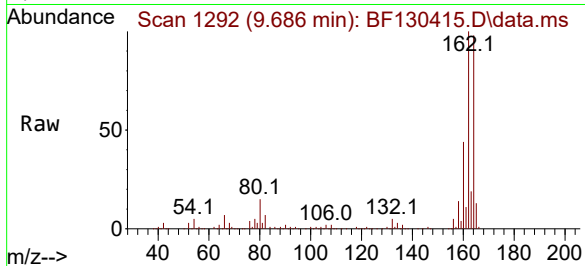




#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.265 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

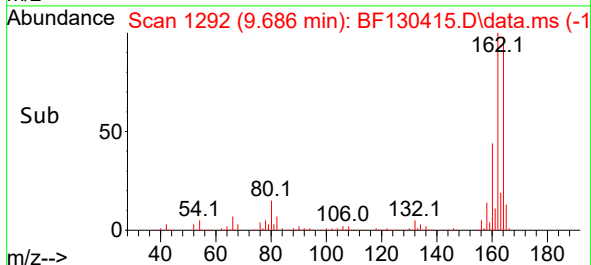
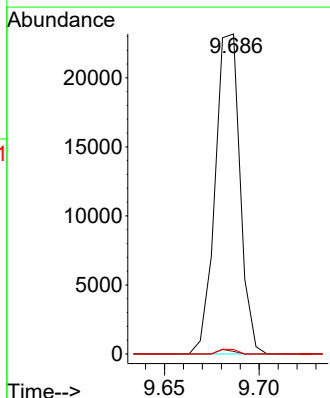
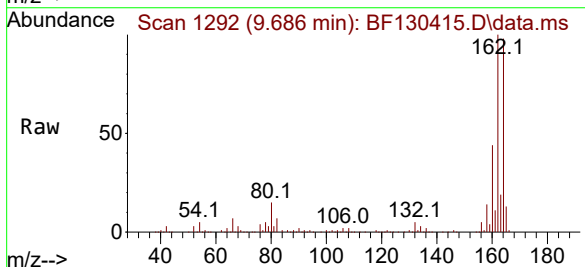
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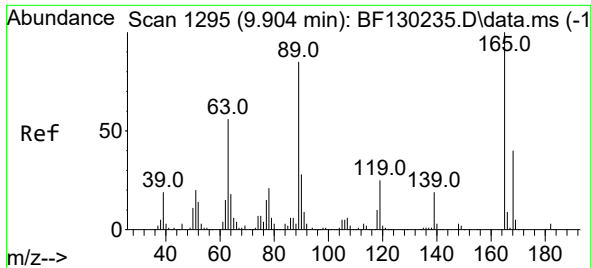
Tgt Ion:163 Resp: 30465
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 520.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.125 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion:165 Resp: 21184
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 1.4 54.5 81.7#

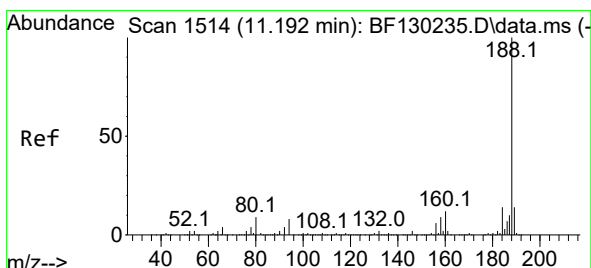
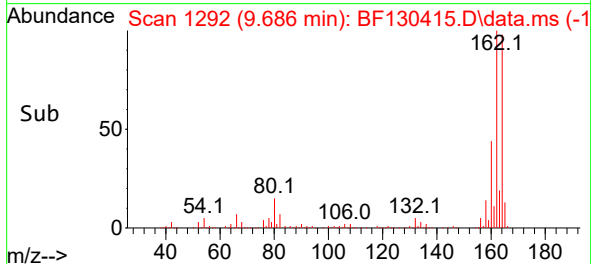
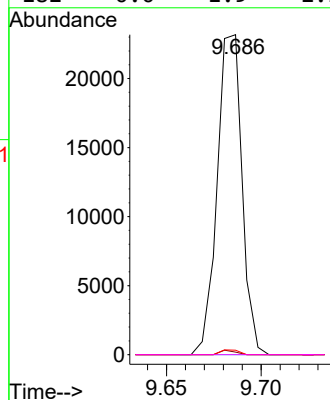
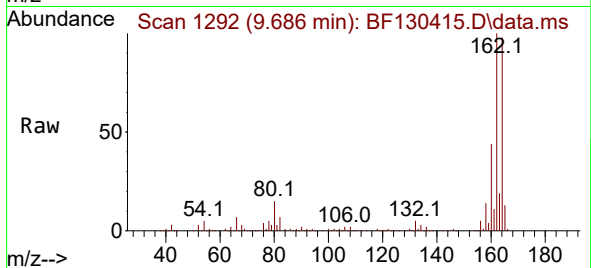




#57
2,4-Dinitrotoluene
Concen: 7.140 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

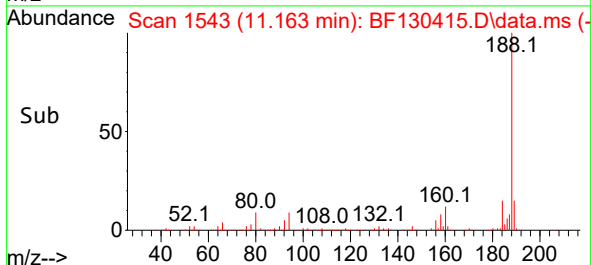
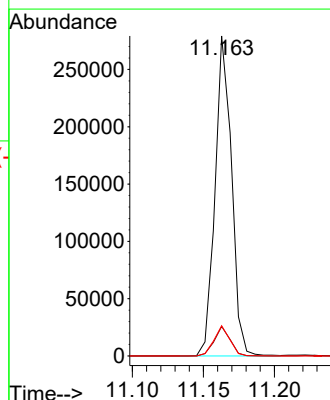
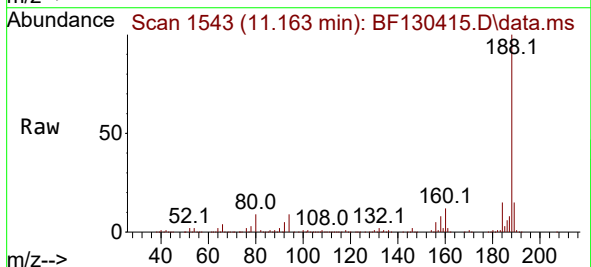
Instrument :
BNA_F
ClientSampleId :
TWP-21

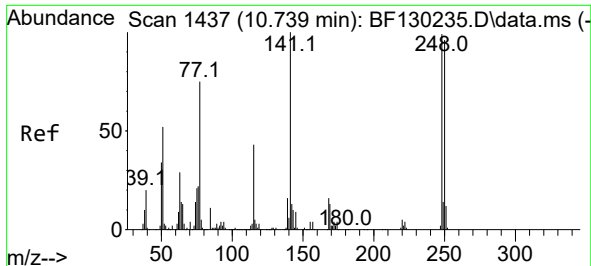
Tgt Ion:165 Resp: 21184
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion:188 Resp: 225150
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.4 7.9 11.9

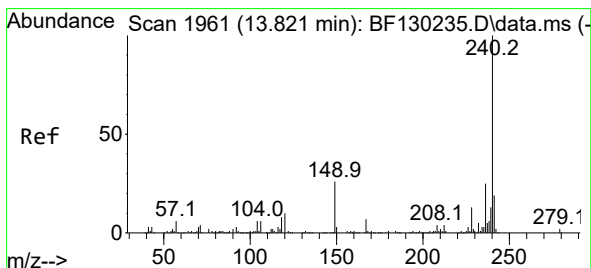
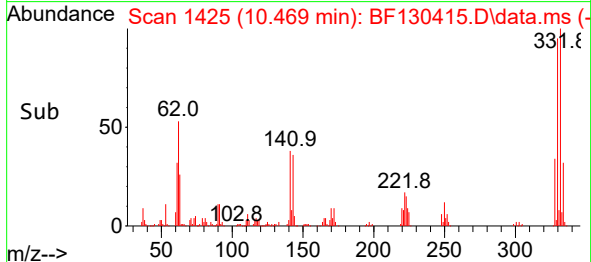
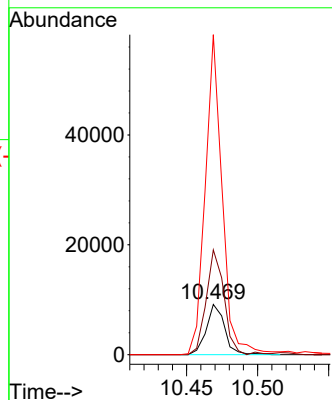
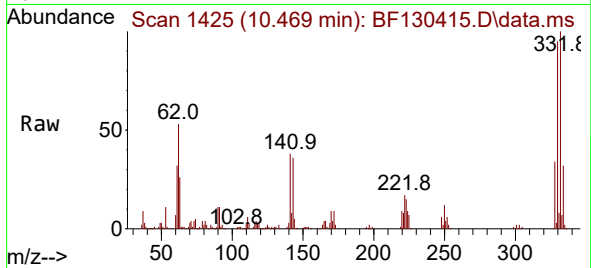




#67
4-Bromophenyl-phenylether
Concen: 3.313 ng
RT: 10.469 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

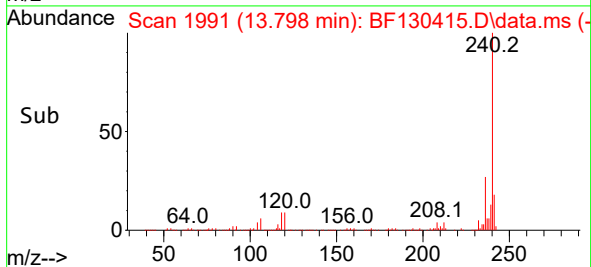
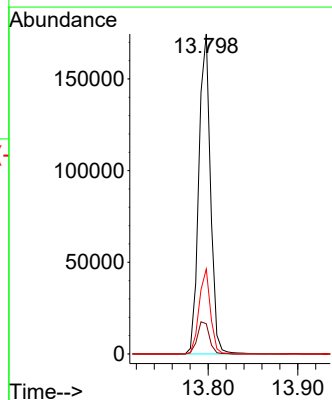
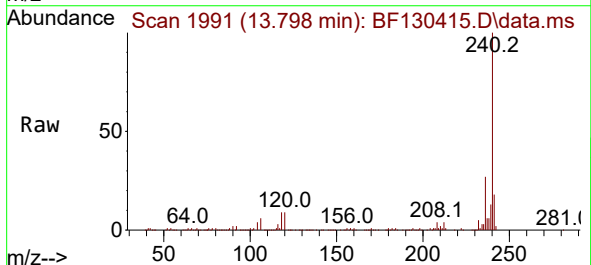
Instrument :
BNA_F
ClientSampleId :
TWP-21

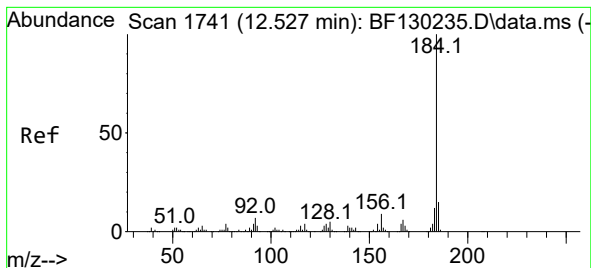
Tgt Ion:248 Resp: 8228
Ion Ratio Lower Upper
248 100
250 208.6 80.0 120.0#
141 636.7 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130415.D
Acq: 26 Sep 2022 19:09

Tgt Ion:240 Resp: 157538
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 26.6 20.9 31.3





#77

Benzidine

Concen: 2.427 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.241 min

Lab File: BF130415.D

Acq: 26 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

TWP-21

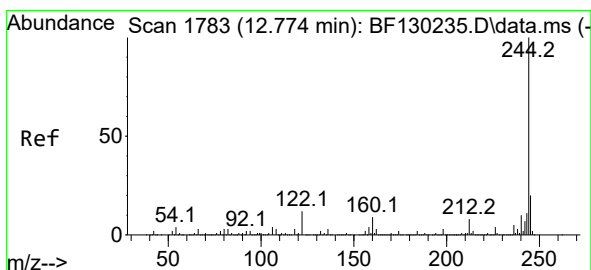
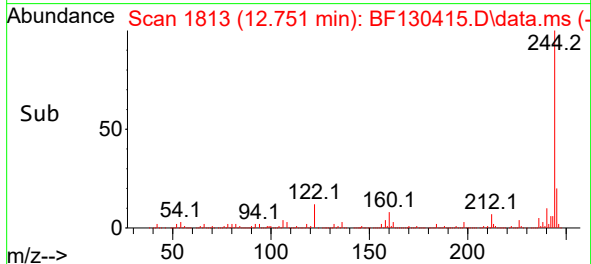
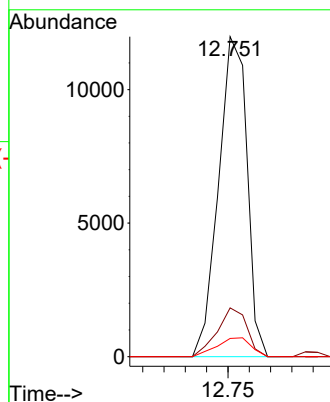
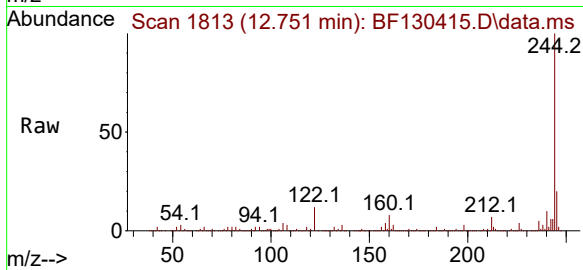
Tgt Ion:184 Resp: 11097

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 5.7 9.1 13.7#



#79

Terphenyl-d14

Concen: 76.582 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF130415.D

Acq: 26 Sep 2022 19:09

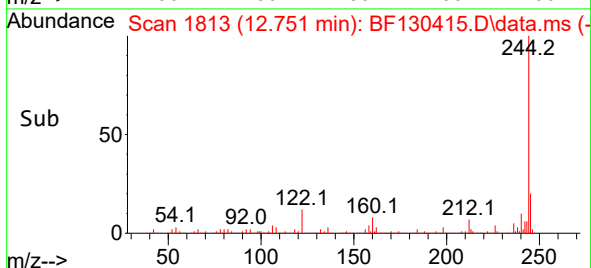
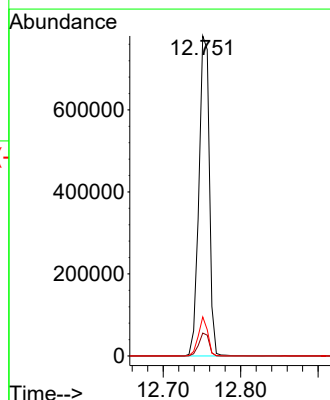
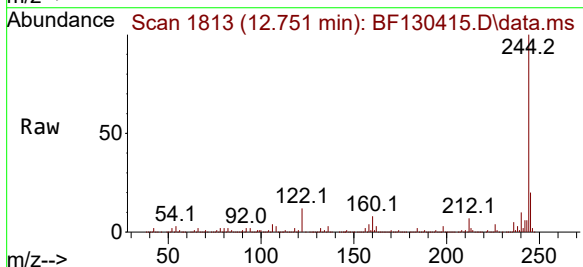
Tgt Ion:244 Resp: 728322

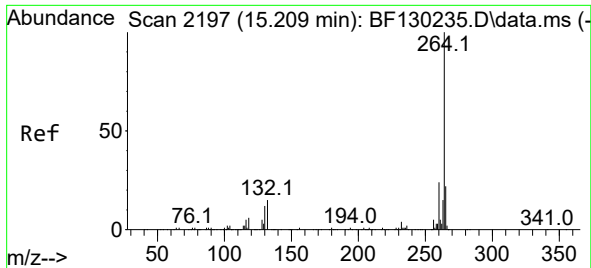
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

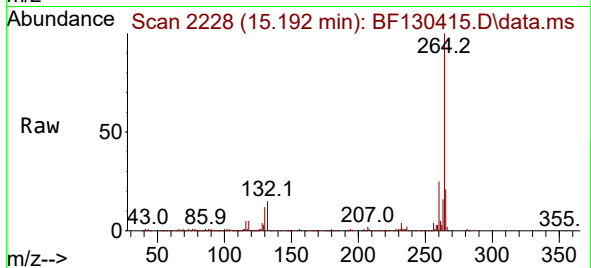
122 12.2 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130415.D
 Acq: 26 Sep 2022 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TWP-21



Tgt Ion:264 Resp: 205228
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.2 17.0 25.4

