

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130389.D
 Acq On : 23 Sep 2022 14:13
 Operator : CG\JU
 Sample : N4780-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 16:06:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

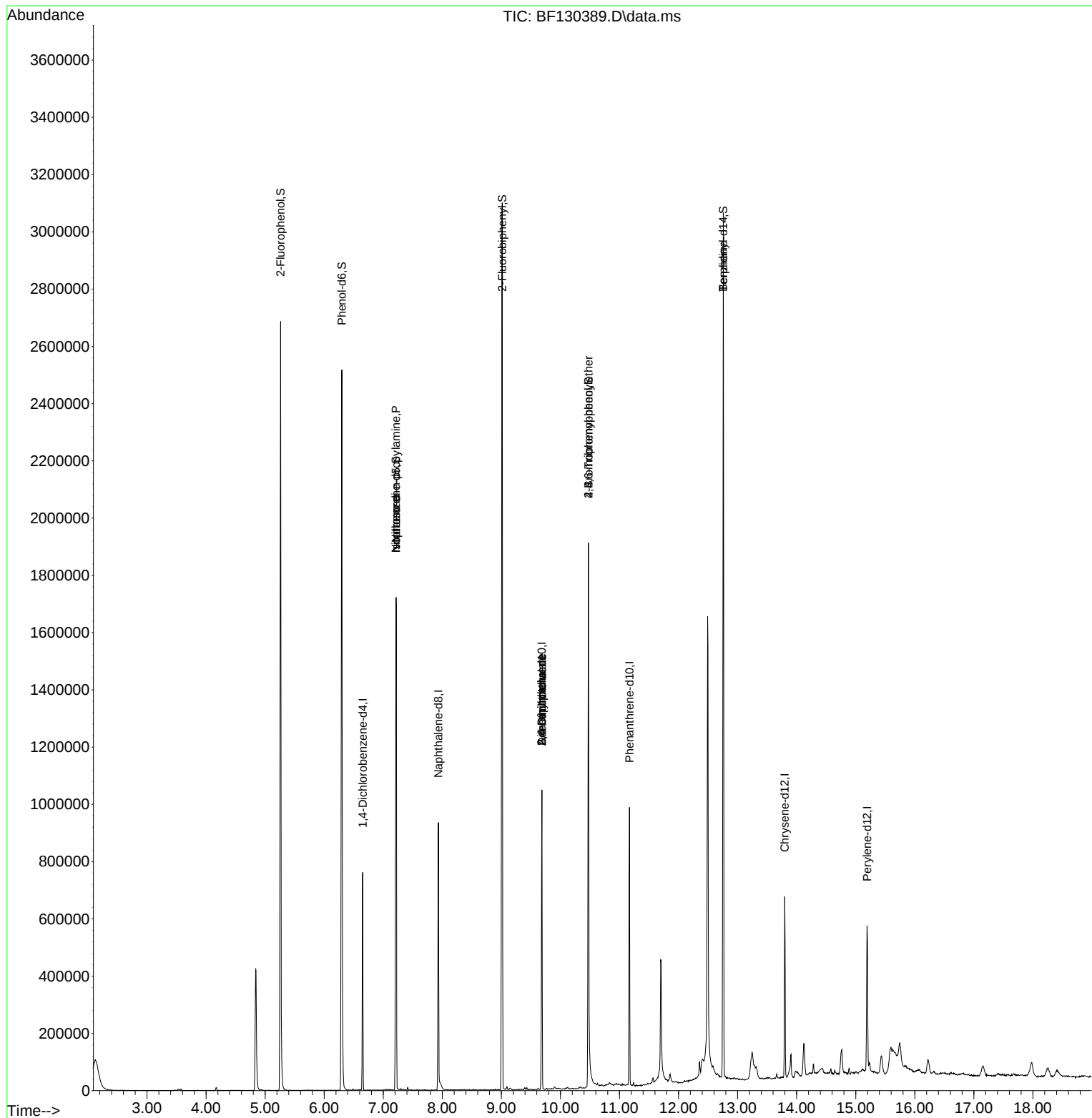
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	98536	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	391501	20.000	ng	#-0.01
39) Acenaphthene-d10	9.686	164	202131	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	315616	20.000	ng	0.00
76) Chrysene-d12	13.798	240	198331	20.000	ng	0.00
86) Perylene-d12	15.192	264	208217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	782491	137.737	ng	0.00
7) Phenol-d6	6.298	99	967022	136.041	ng	0.00
23) Nitrobenzene-d5	7.216	82	630350	82.257	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	257635	133.021	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1063797	76.638	ng	0.00
79) Terphenyl-d14	12.757	244	961601	80.314	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.216	70	85116	17.745	ng	# 76
25) Isophorone	7.216	82	628164	50.858	ng	# 66
50) Dimethylphthalate	9.686	163	37591	2.692	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	26284	9.001	ng	# 15
57) 2,4-Dinitrotoluene	9.686	165	26284	7.043	ng	# 15
67) 4-Bromophenyl-phenylether	10.475	248	14833	4.260	ng	# 1
77) Benzidine	12.757	184	14734	2.559	ng	# 85

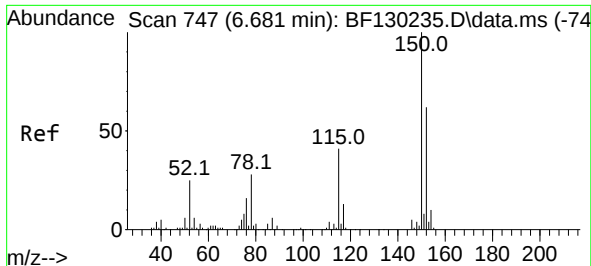
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130389.D
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Operator : CG\JU
Sample : N4780-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

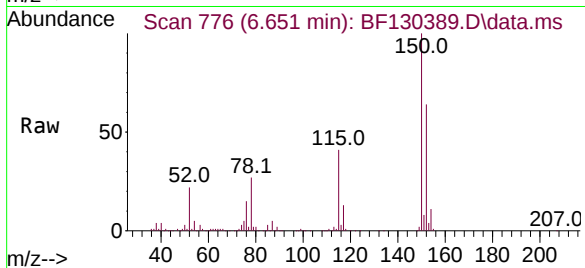
Quant Time: Sep 23 16:06:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration



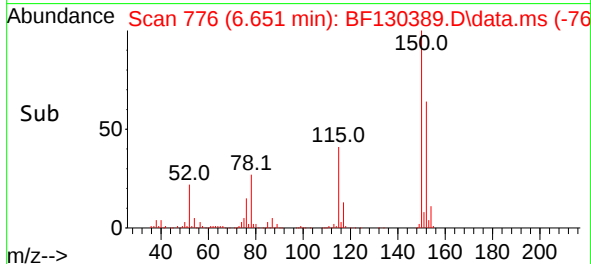
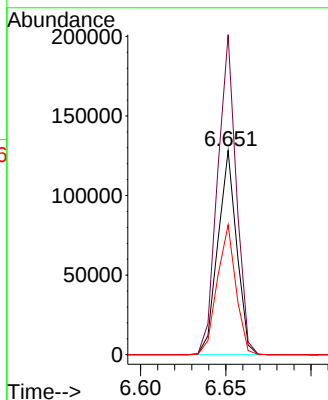


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Instrument :
BNA_F
ClientSampleId :

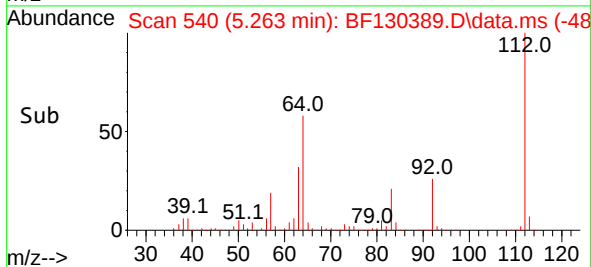
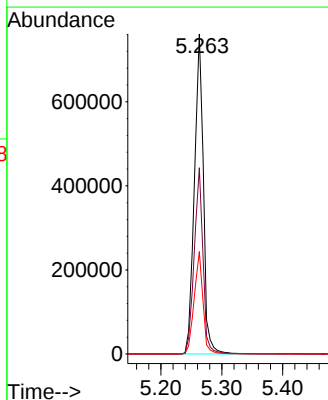
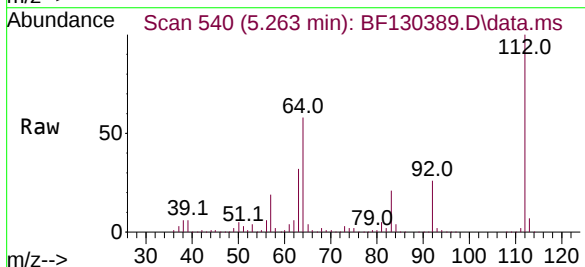


Tgt Ion:152 Resp: 98536
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 63.6 53.8 80.8



#5
2-Fluorophenol
Concen: 137.737 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion:112 Resp: 782491
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 32.0 28.8 43.2

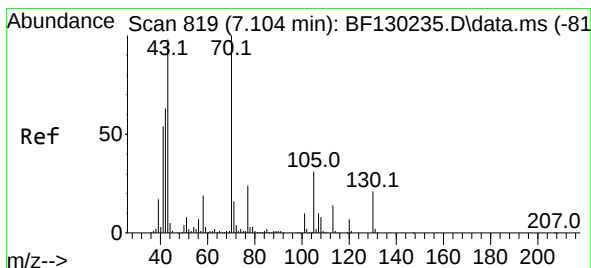
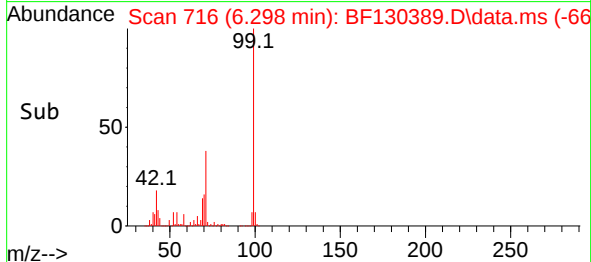
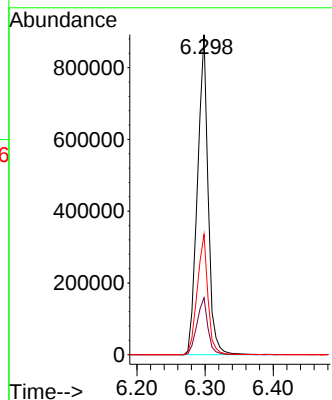
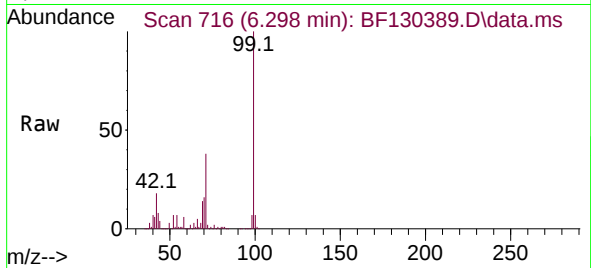




#7
Phenol-d6
Concen: 136.041 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

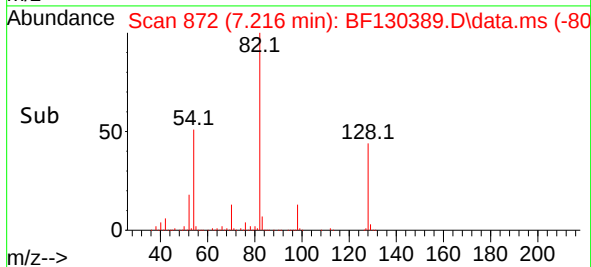
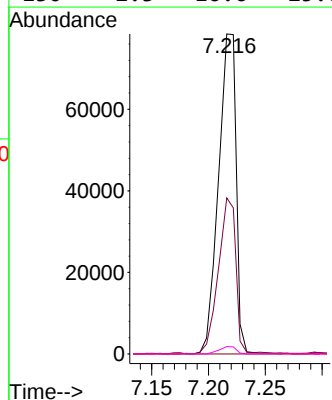
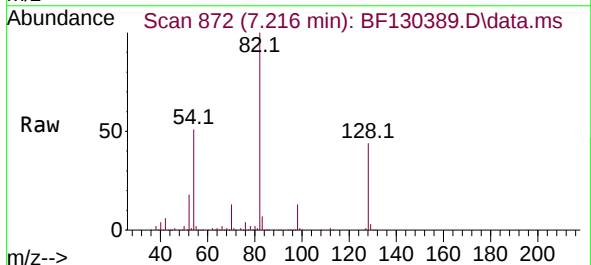
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 967022
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 37.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.745 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.124 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

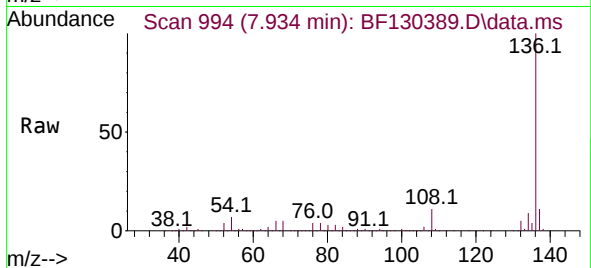
Tgt Ion: 70 Resp: 85116
Ion Ratio Lower Upper
70 100
42 48.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#



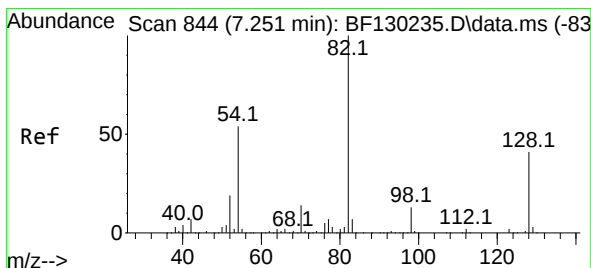
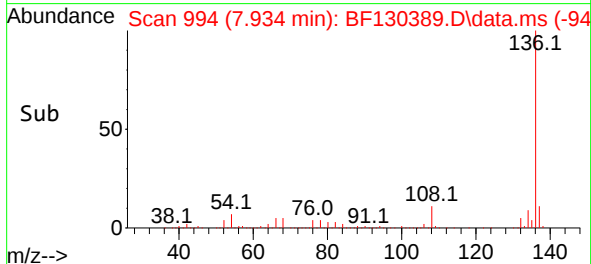
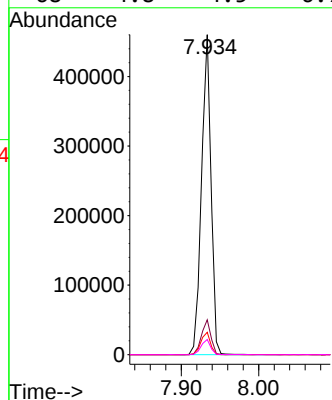


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Instrument :
BNA_F
ClientSampleId :

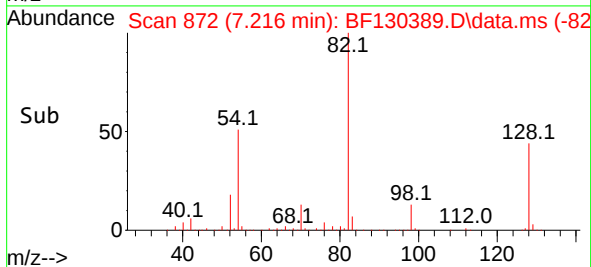
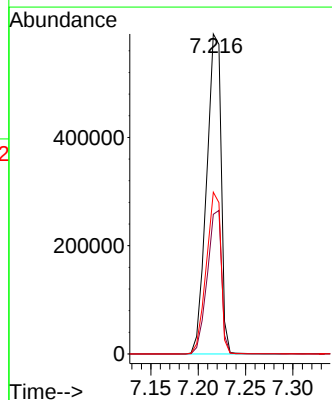
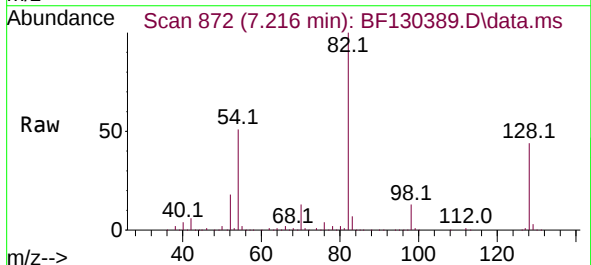


Tgt Ion:136 Resp: 391501
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.0 7.1 10.7#
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.257 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.018 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion: 82 Resp: 630350
Ion Ratio Lower Upper
82 100
128 43.6 32.6 49.0
54 50.6 43.8 65.6

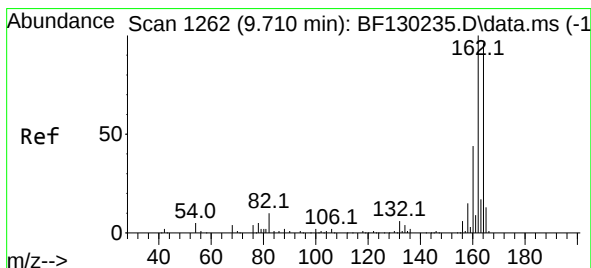
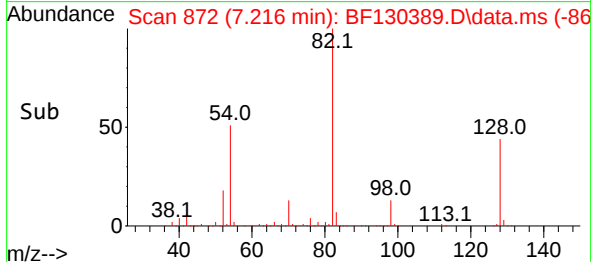
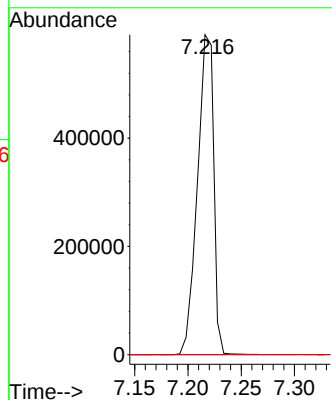
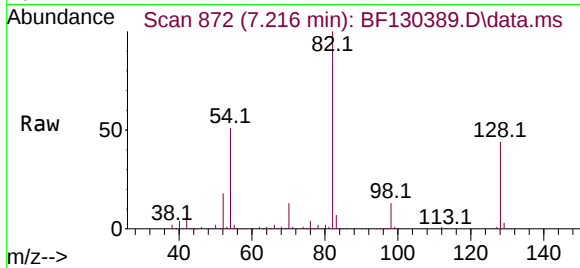




#25
Isophorone
Concen: 50.858 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

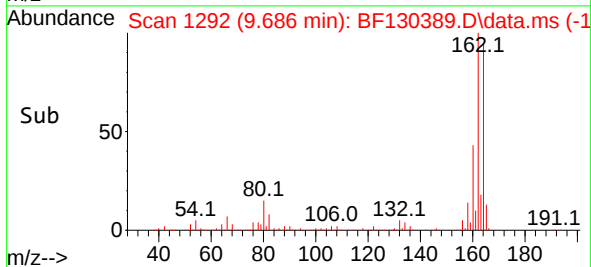
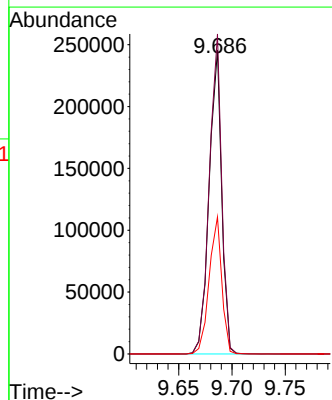
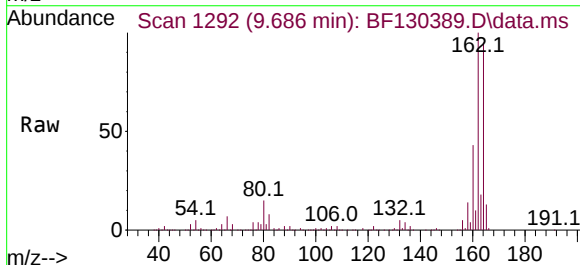
Instrument :
BNA_F
ClientSampleId :

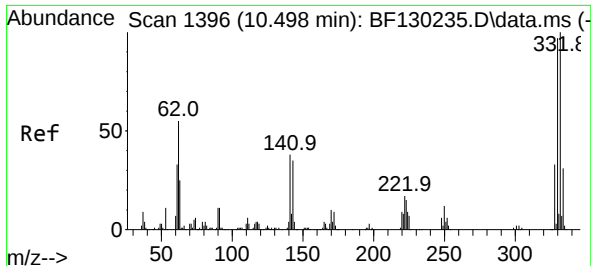
Tgt Ion: 82 Resp: 628164
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

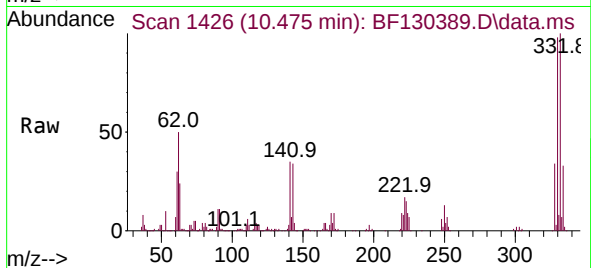
Tgt Ion: 164 Resp: 202131
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 45.1 36.2 54.4



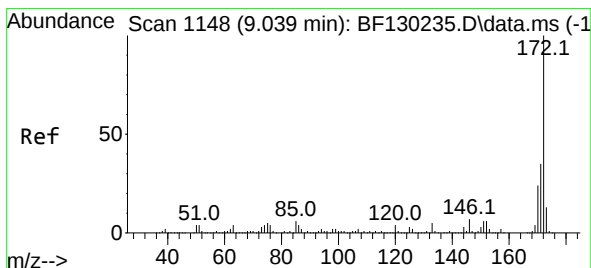
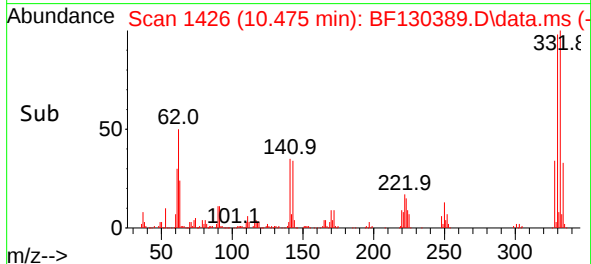
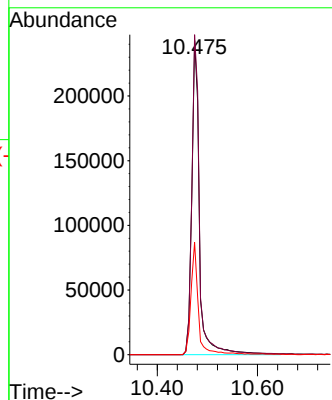


#42
2,4,6-Tribromophenol
Concen: 133.021 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Instrument :
BNA_F
ClientSampleId :

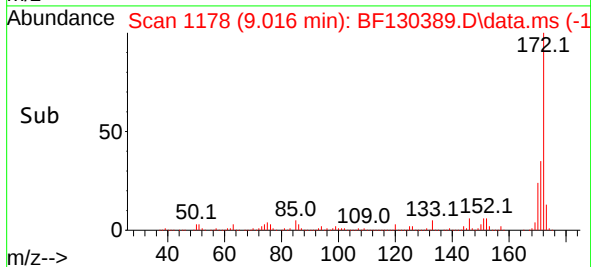
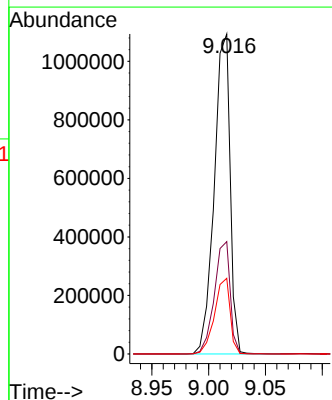
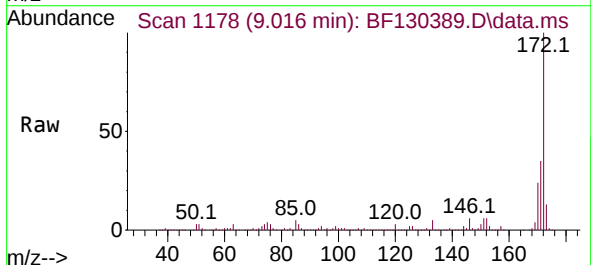


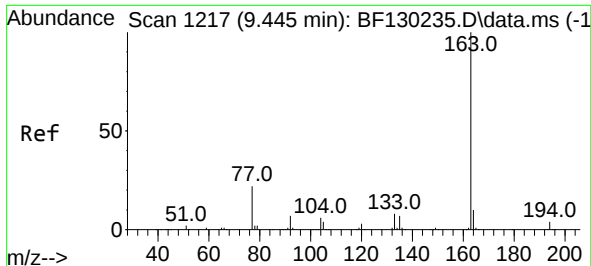
Tgt Ion:330 Resp: 257635
Ion Ratio Lower Upper
330 100
332 102.9 83.4 125.2
141 34.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 76.638 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion:172 Resp: 1063797
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.7 28.1

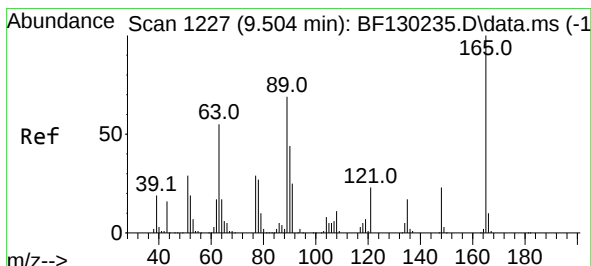
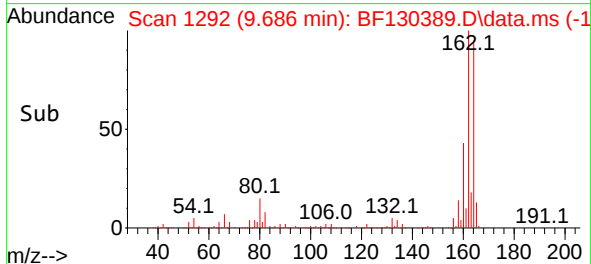
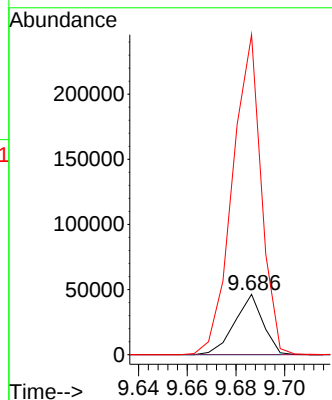
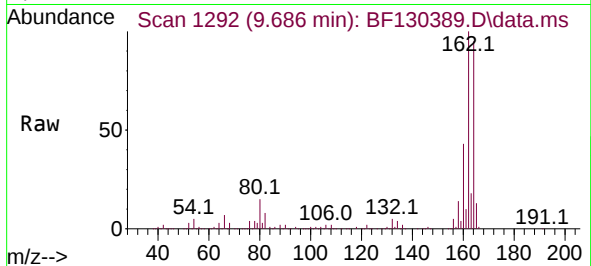




#50
Dimethylphthalate
Concen: 2.692 ng
RT: 9.686 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

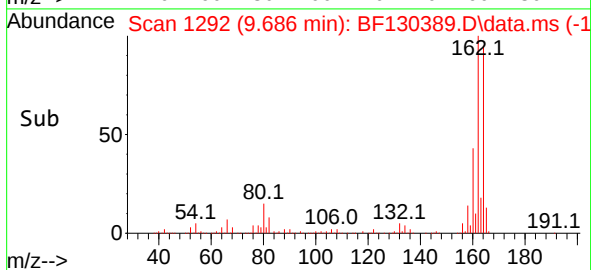
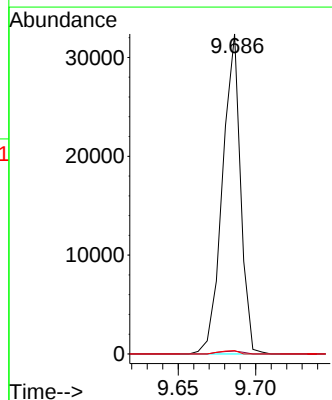
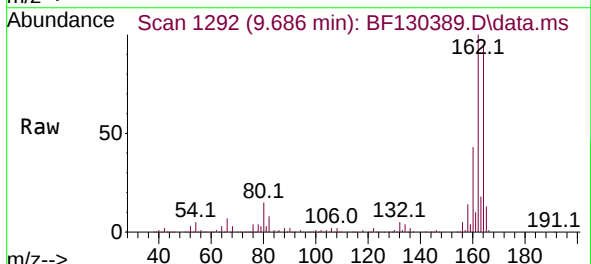
Instrument :
BNA_F
ClientSampleId :

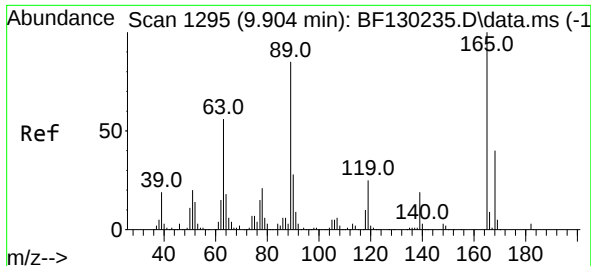
Tgt Ion:163 Resp: 37591
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 530.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.001 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

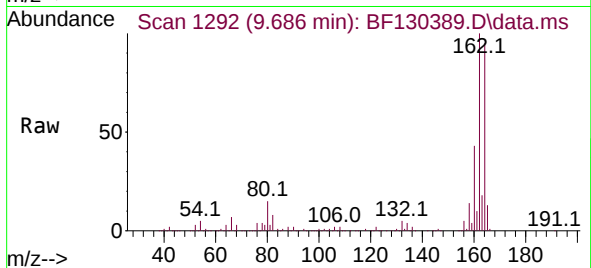
Tgt Ion:165 Resp: 26284
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.1 54.5 81.7#



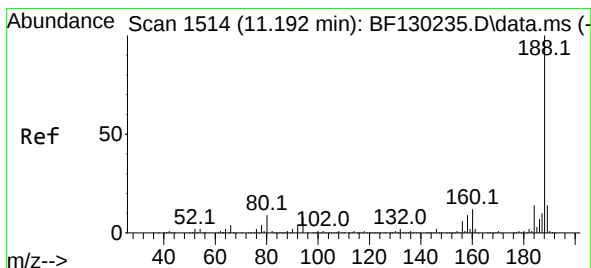
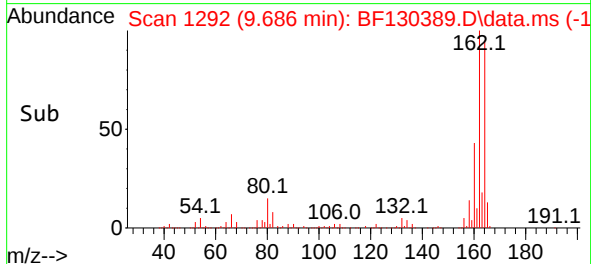
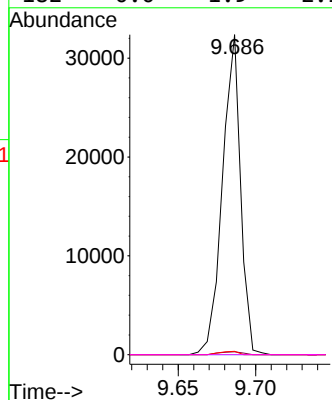


#57
2,4-Dinitrotoluene
Concen: 7.043 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Instrument :
BNA_F
ClientSampleId :

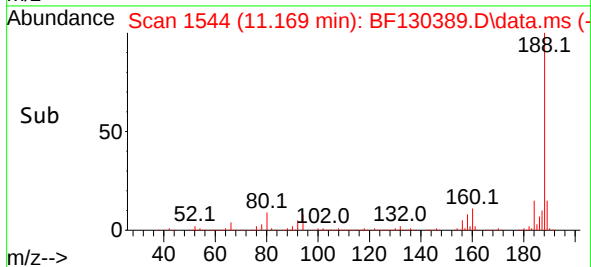
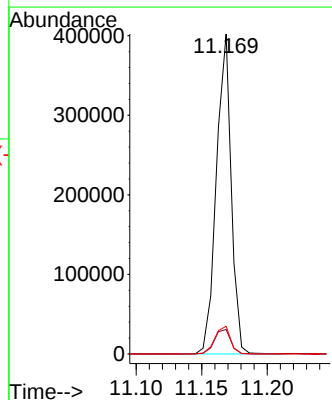
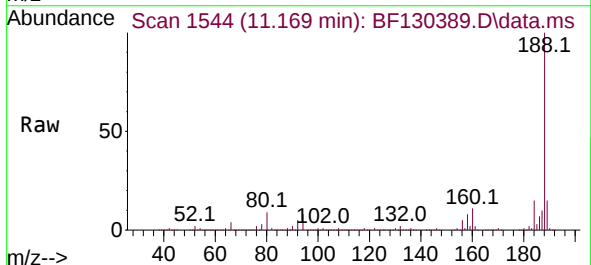


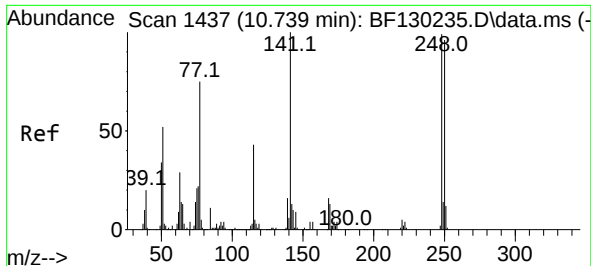
Tgt Ion:165 Resp: 26284
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.1 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion:188 Resp: 315616
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 8.6 7.9 11.9

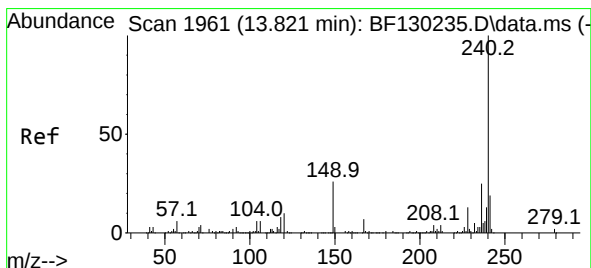
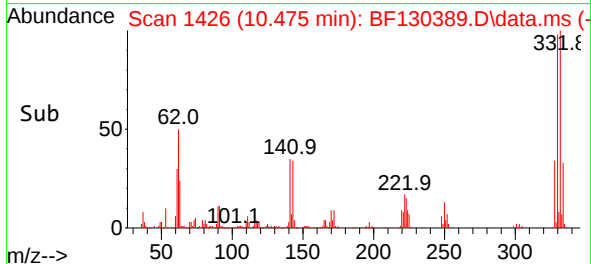
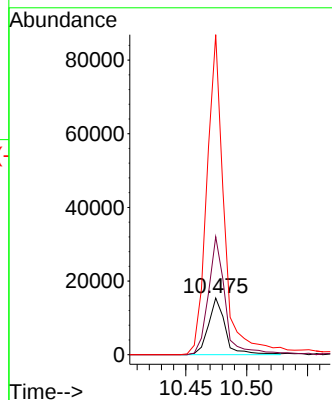
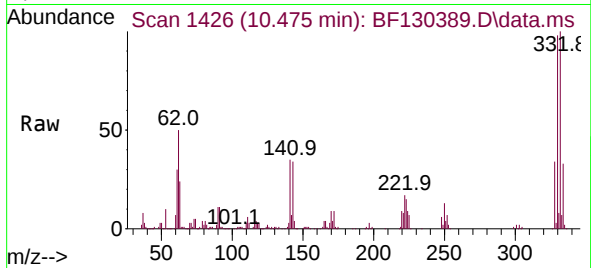




#67
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

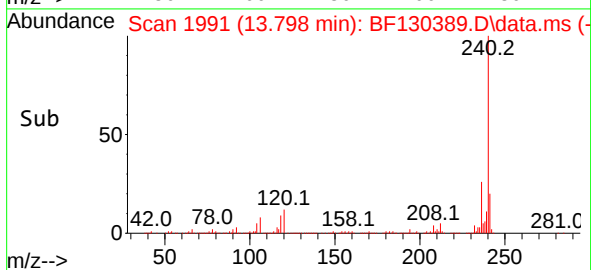
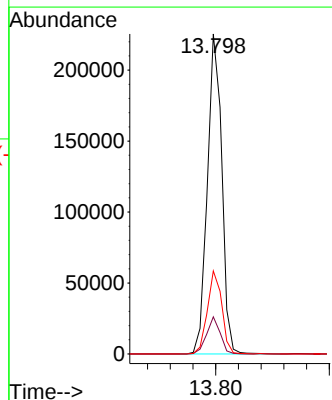
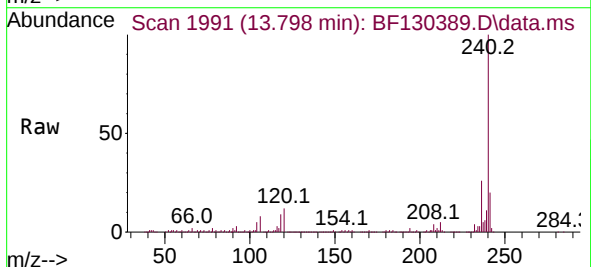
Instrument :
BNA_F
ClientSampleId :

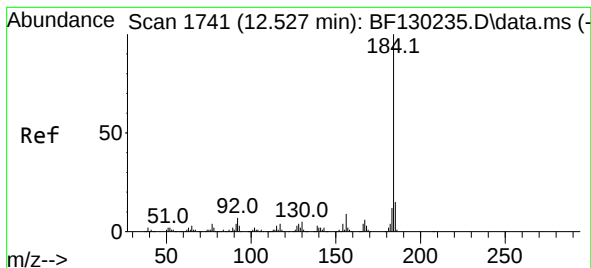
Tgt Ion:248 Resp: 14833
Ion Ratio Lower Upper
248 100
250 208.4 80.0 120.0#
141 565.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130389.D
Acq: 23 Sep 2022 14:13

Tgt Ion:240 Resp: 198331
Ion Ratio Lower Upper
240 100
120 11.6 8.7 13.1
236 26.0 20.9 31.3





#77

Benzidine

Concen: 2.559 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.247 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

Instrument :

BNA_F

ClientSampleId :

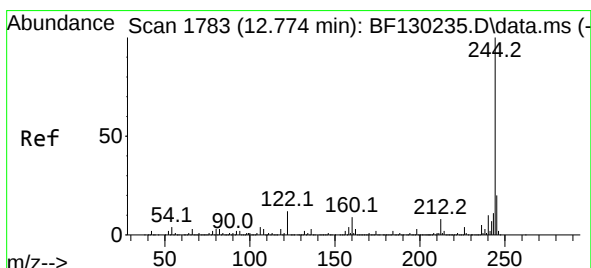
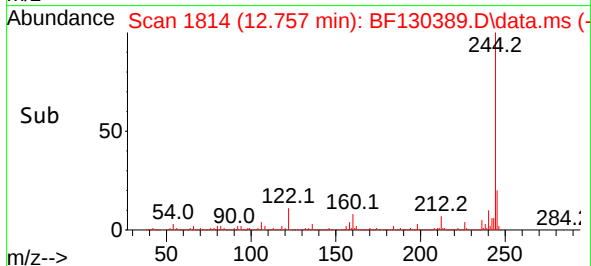
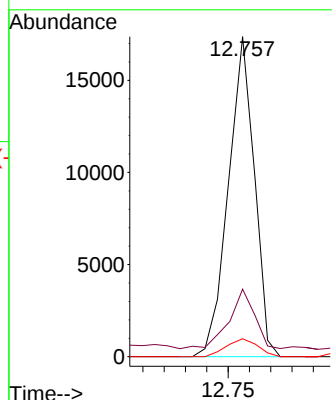
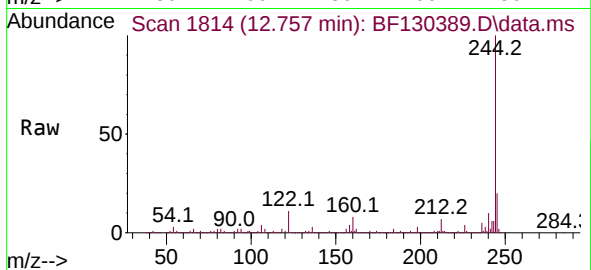
Tgt Ion:184 Resp: 14734

Ion Ratio Lower Upper

184 100

185 21.1 11.8 17.6#

183 5.6 9.1 13.7#



#79

Terphenyl-d14

Concen: 80.314 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF130389.D

Acq: 23 Sep 2022 14:13

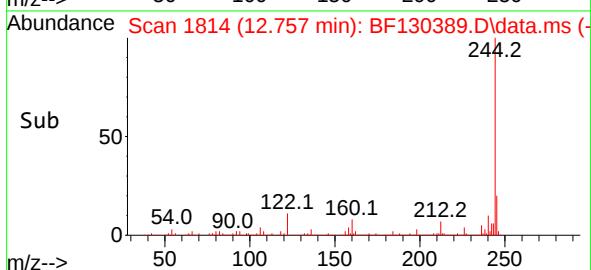
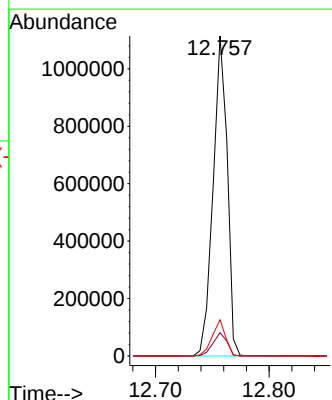
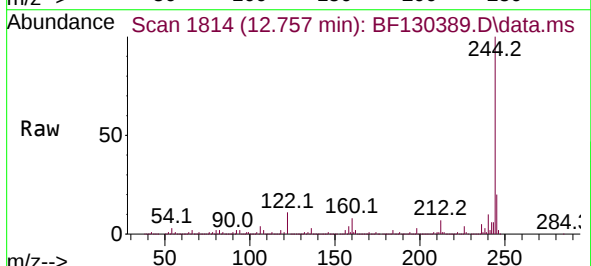
Tgt Ion:244 Resp: 961601

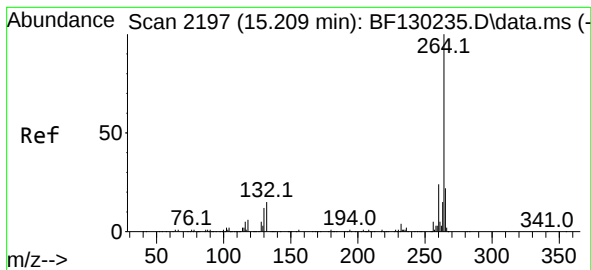
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

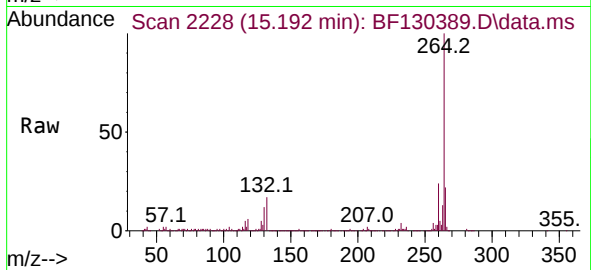
122 11.3 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130389.D
 Acq: 23 Sep 2022 14:13

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 208217
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.7 17.0 25.4

