

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130443.D
 Acq On : 28 Sep 2022 12:10
 Operator : CG\JU
 Sample : PB147926BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147926BL

Quant Time: Sep 29 02:12:38 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)

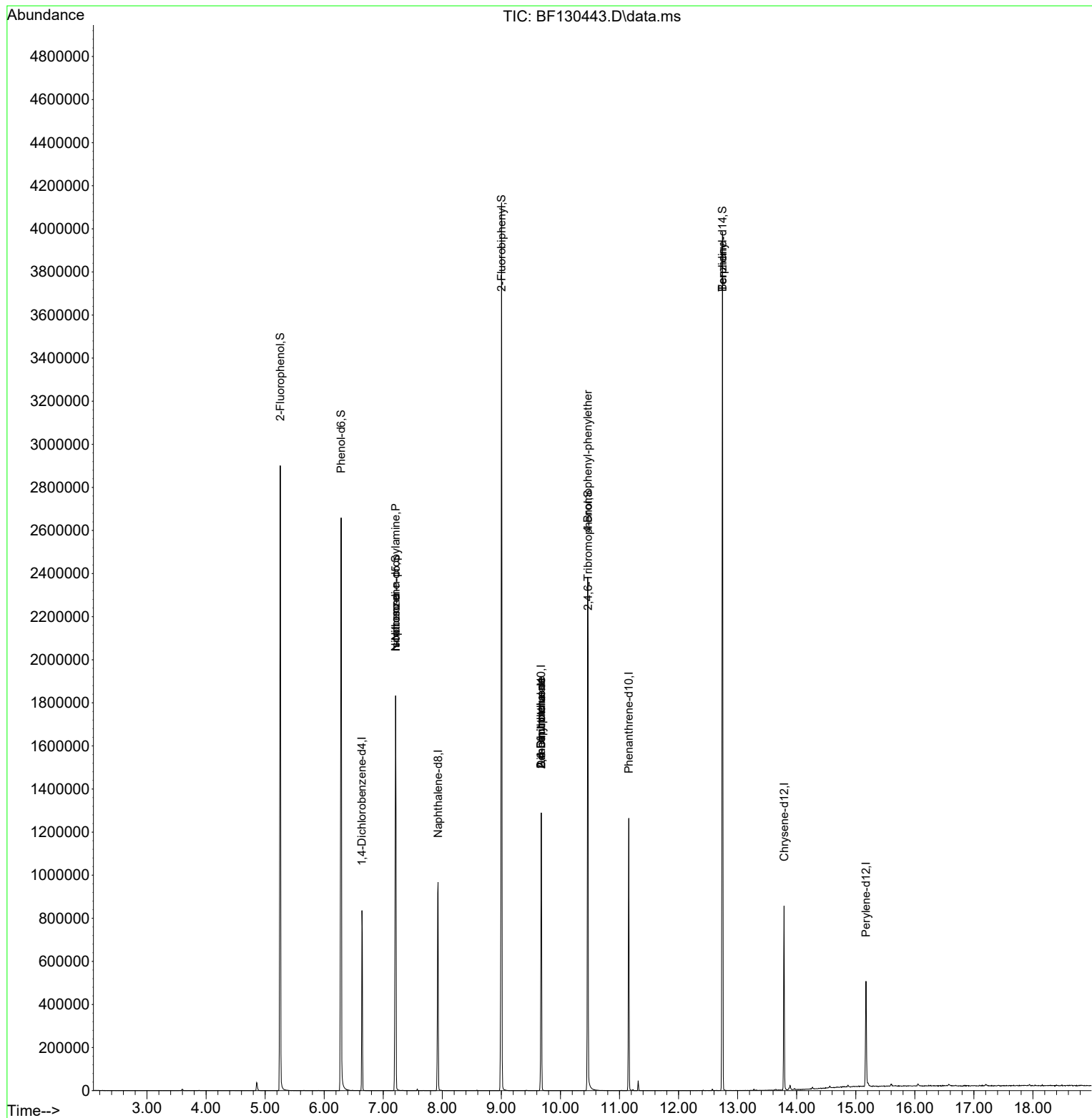
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.639	152	123108	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	486212	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	259466	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	423634	20.000	ng	0.00
76) Chrysene-d12	13.786	240	275597	20.000	ng	0.00
86) Perylene-d12	15.174	264	208554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	854009	120.321	ng	0.01
7) Phenol-d6	6.287	99	1058436	119.181	ng	0.00
23) Nitrobenzene-d5	7.210	82	665932	69.972	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	311259	125.196	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1311695	73.616	ng	0.00
79) Terphenyl-d14	12.745	244	1301346	78.218	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	88633	14.790	ng	# 75
25) Isophorone	7.210	82	656726	42.814	ng	# 66
50) Dimethylphthalate	9.675	163	48894	2.728	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	32633	8.706	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	32633	6.812	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	18637	3.988	ng	# 1
77) Benzidine	12.745	184	18195	2.274	ng	# 94

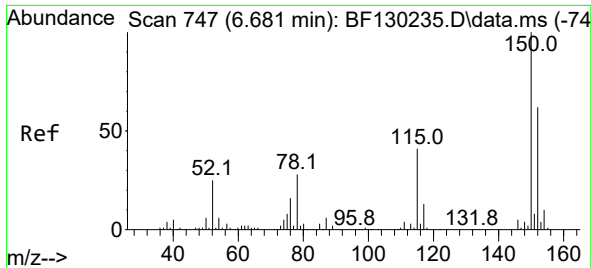
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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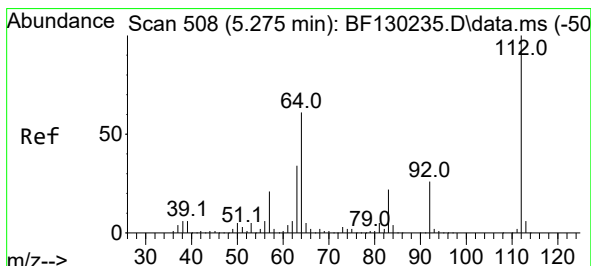
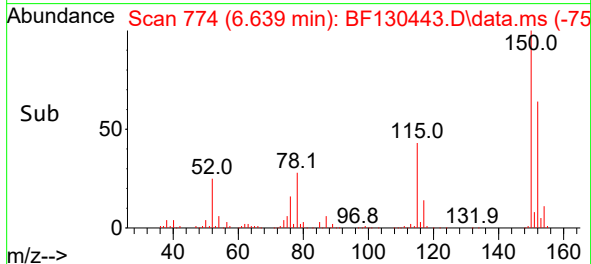
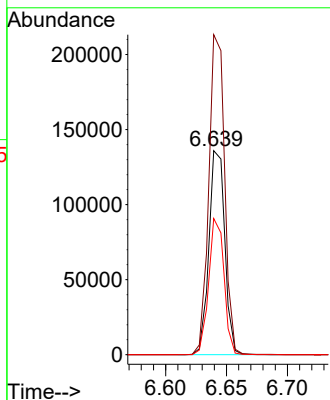
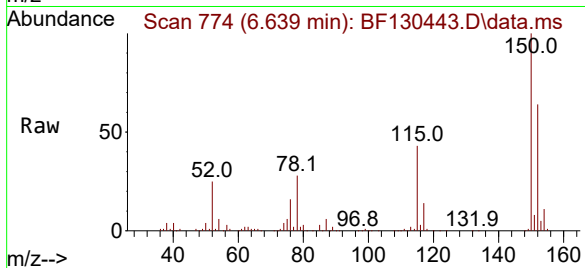




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.639 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130443.D
 Acq: 28 Sep 2022 12:10

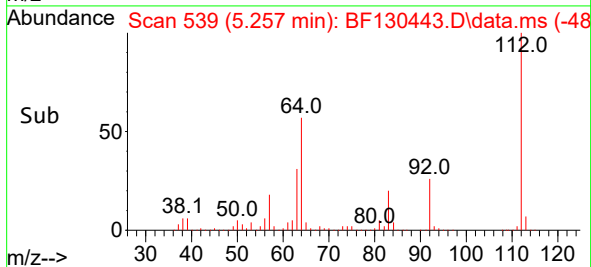
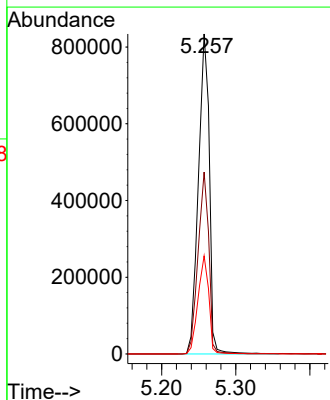
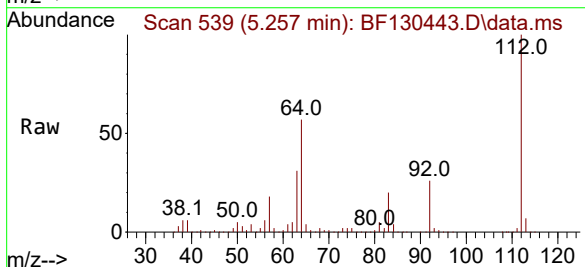
Instrument :
 BNA_F
 ClientSampleId :
 PB147926BL

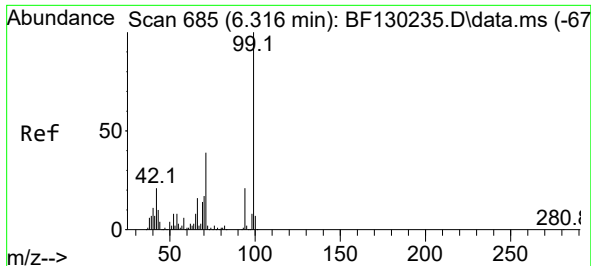
Tgt Ion:152 Resp: 123108
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.8 184.2
 115 66.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 120.321 ng
 RT: 5.257 min Scan# 539
 Delta R.T. 0.012 min
 Lab File: BF130443.D
 Acq: 28 Sep 2022 12:10

Tgt Ion:112 Resp: 854009
 Ion Ratio Lower Upper
 112 100
 64 56.8 51.4 77.0
 63 30.7 28.8 43.2

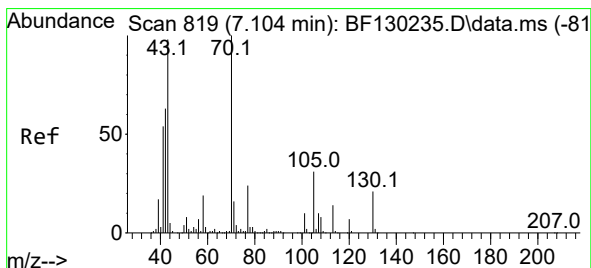
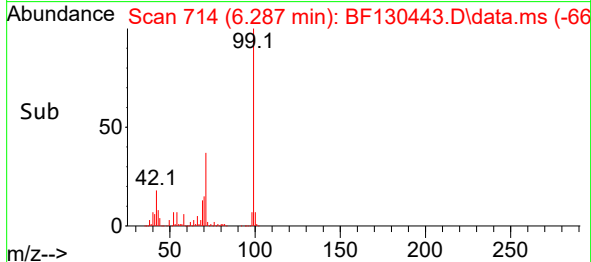
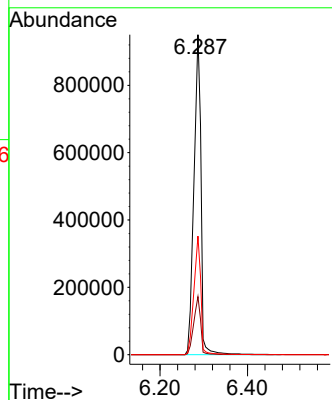
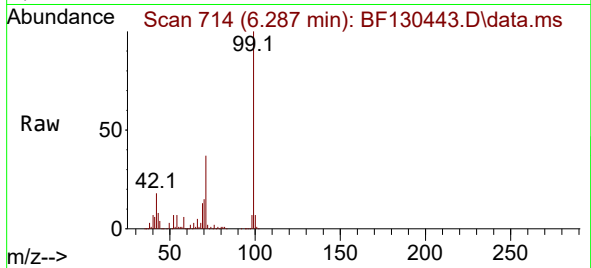




#7
Phenol-d6
Concen: 119.181 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

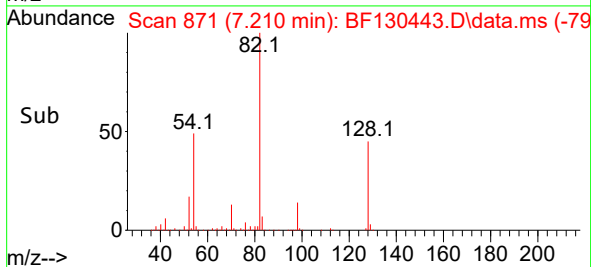
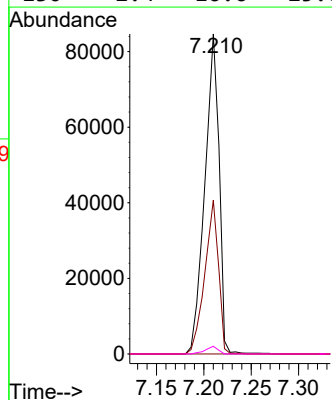
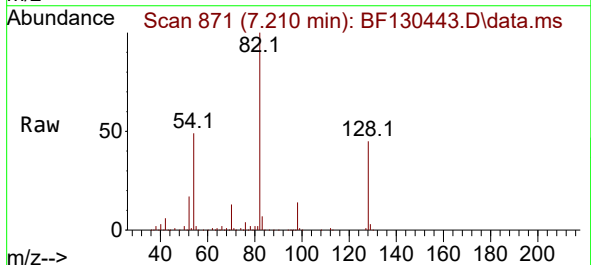
Instrument :
BNA_F
ClientSampleId :
PB147926BL

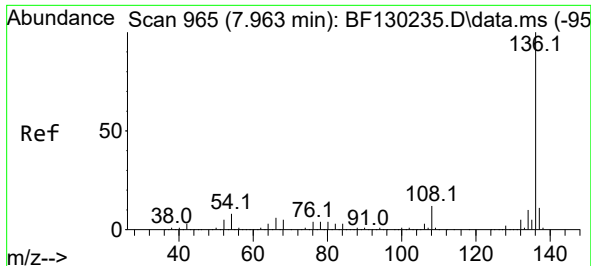
Tgt Ion: 99 Resp: 1058436
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.790 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Tgt Ion: 70 Resp: 88633
Ion Ratio Lower Upper
70 100
42 48.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

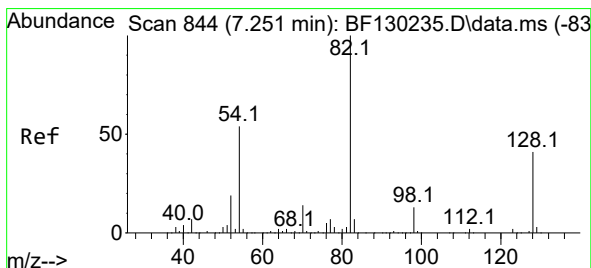
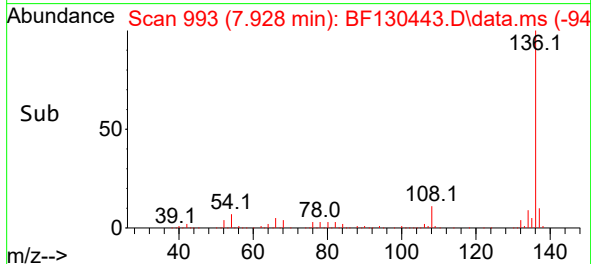
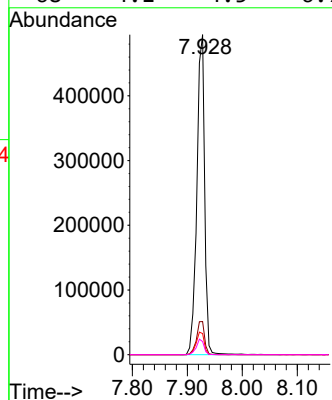
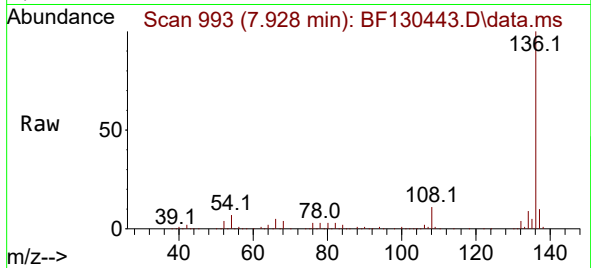




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

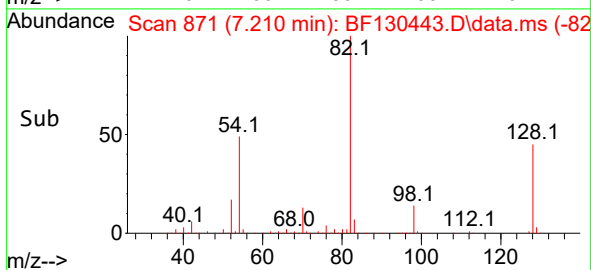
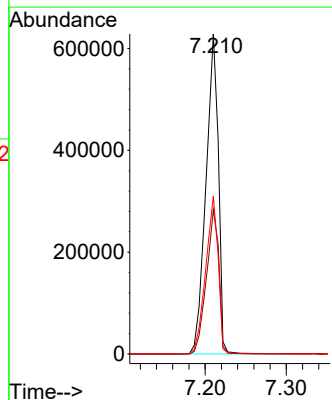
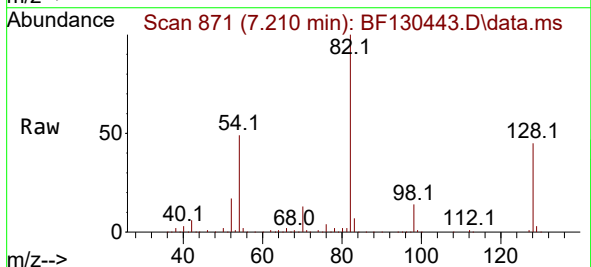
Instrument :
BNA_F
ClientSampleId :
PB147926BL

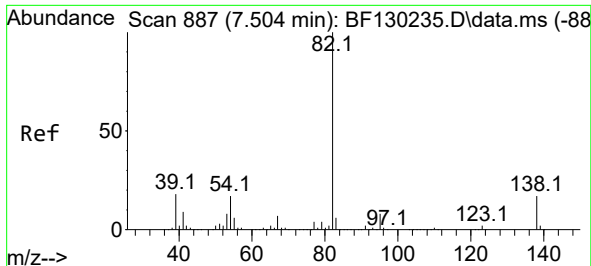
Tgt Ion:136 Resp: 486212
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.6 7.1 10.7#
68 4.1 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 69.972 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Tgt Ion: 82 Resp: 665932
Ion Ratio Lower Upper
82 100
128 45.1 32.6 49.0
54 49.3 43.8 65.6

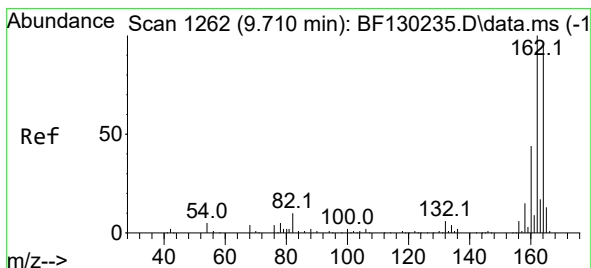
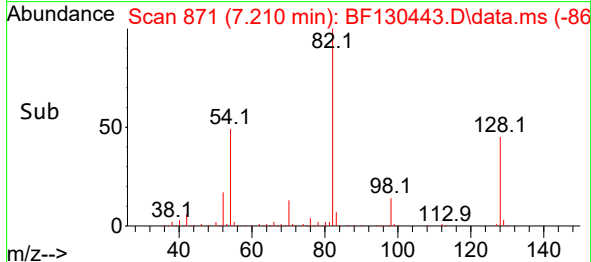
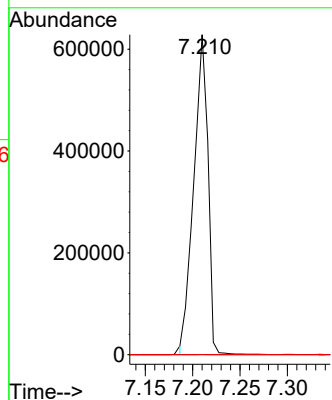
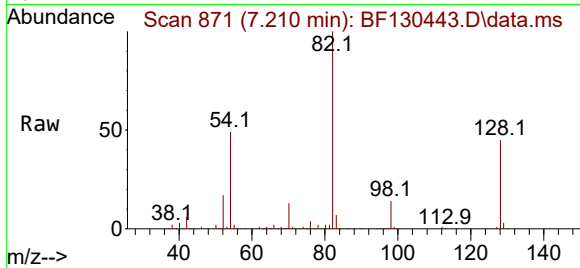




#25
Isophorone
Concen: 42.814 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

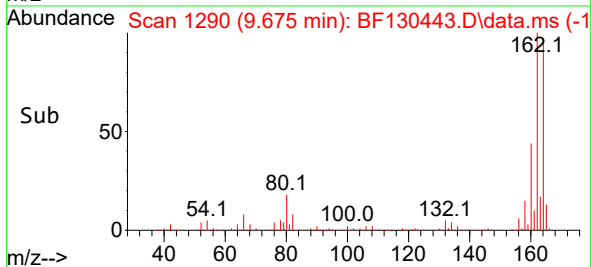
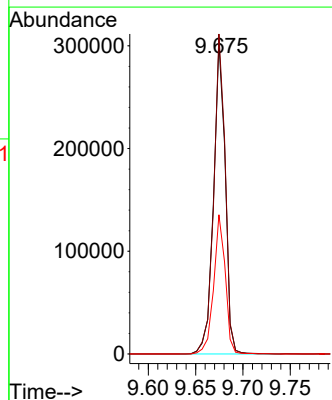
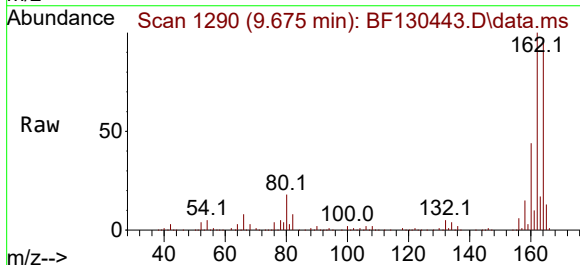
Instrument :
BNA_F
ClientSampleId :
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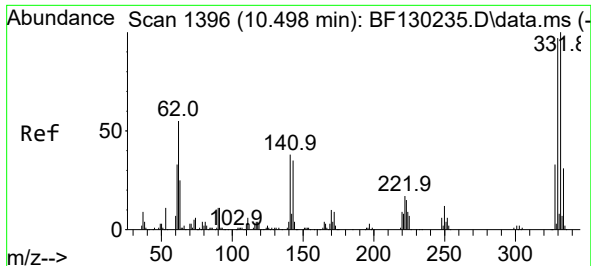
Tgt Ion: 82 Resp: 656726
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

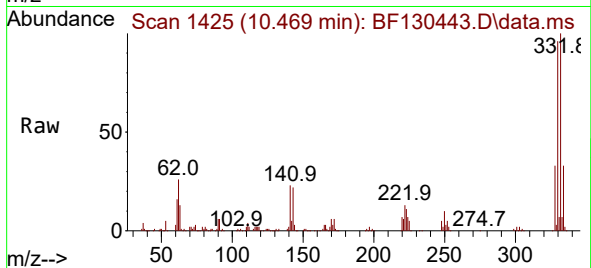
Tgt Ion: 164 Resp: 259466
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.8 36.2 54.4



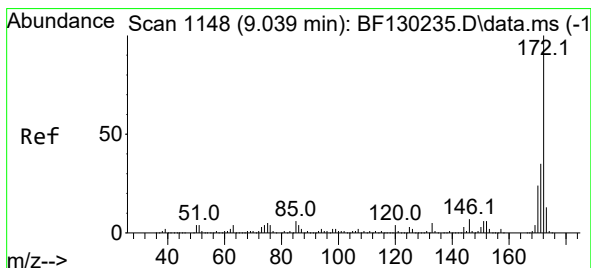
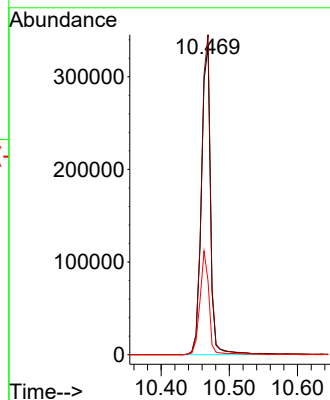
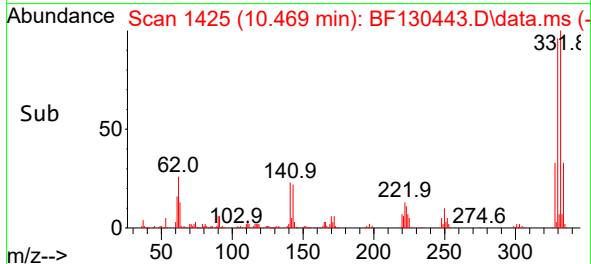


#42
2,4,6-Tribromophenol
Concen: 125.196 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Instrument :
BNA_F
ClientSampleId :
PB147926BL

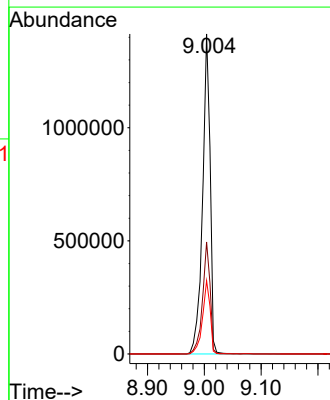
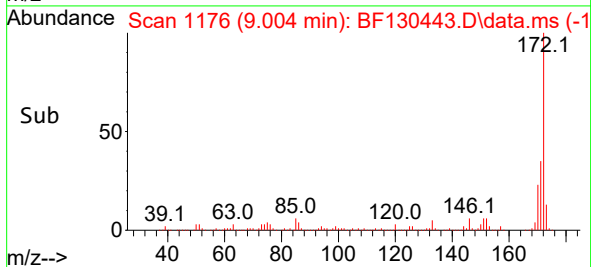
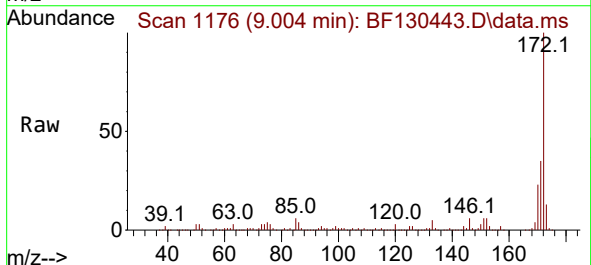


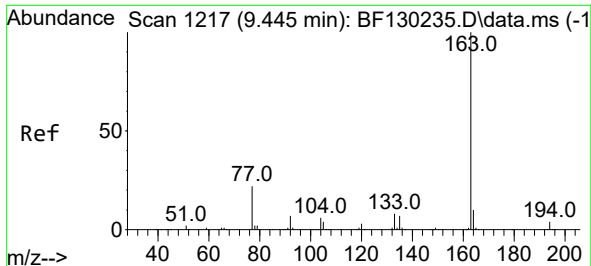
Tgt Ion:330 Resp: 311259
Ion Ratio Lower Upper
330 100
332 102.9 83.4 125.2
141 33.3 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 73.616 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Tgt Ion:172 Resp: 1311695
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.7 28.1

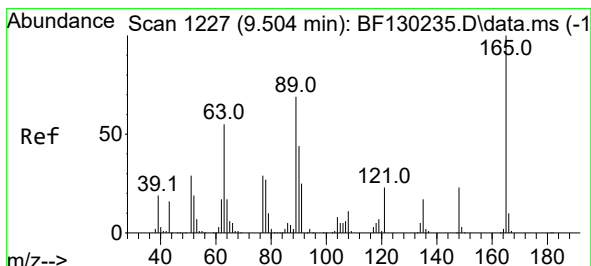
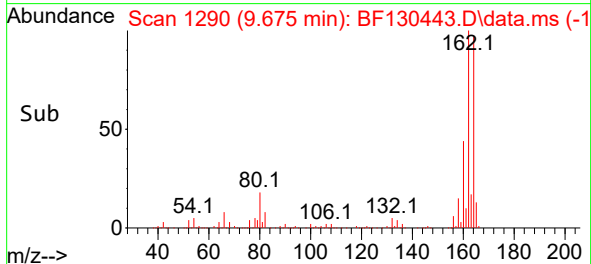
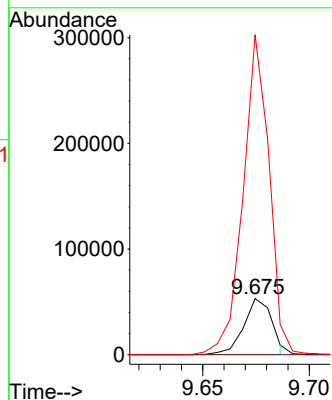
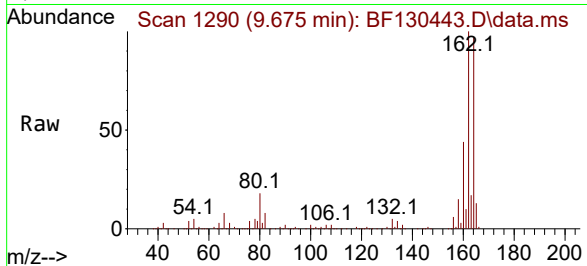




#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

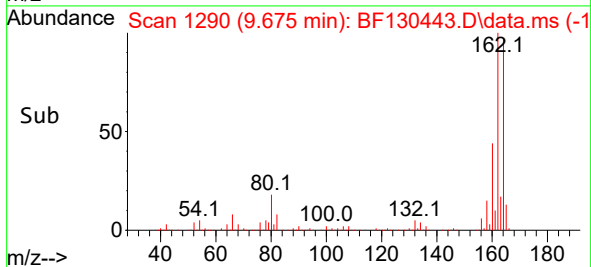
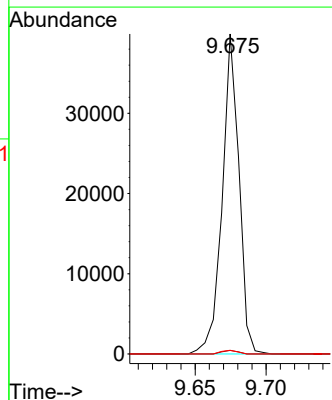
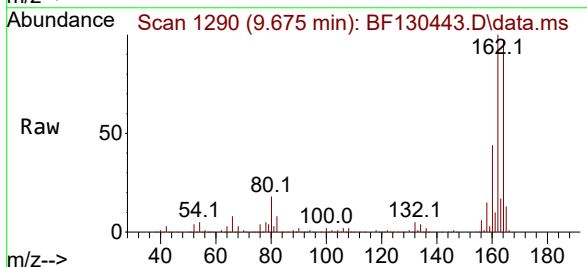
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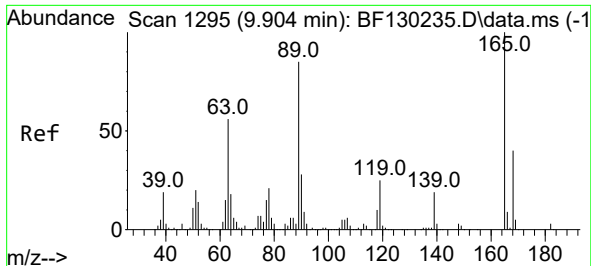
Tgt Ion:163 Resp: 48894
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 569.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.706 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Tgt Ion:165 Resp: 32633
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.2 54.5 81.7#

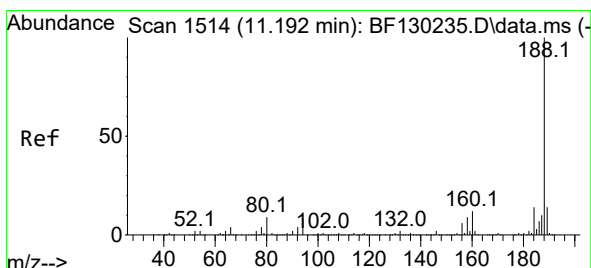
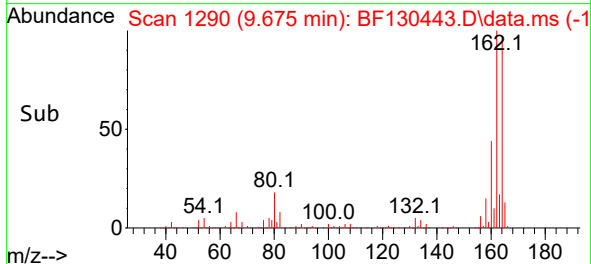
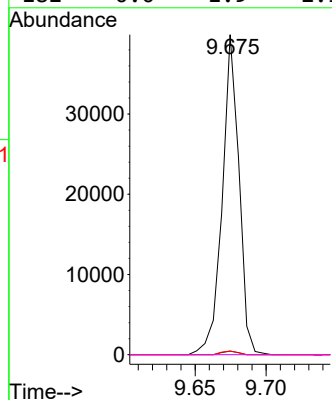
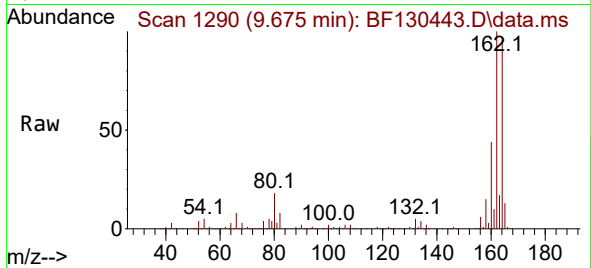




#57
2,4-Dinitrotoluene
Concen: 6.812 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

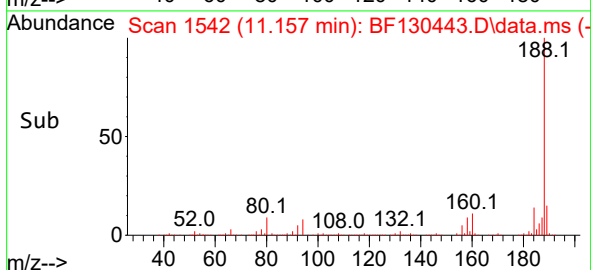
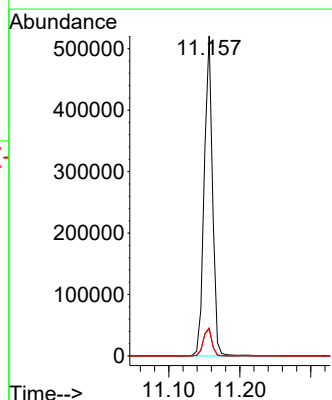
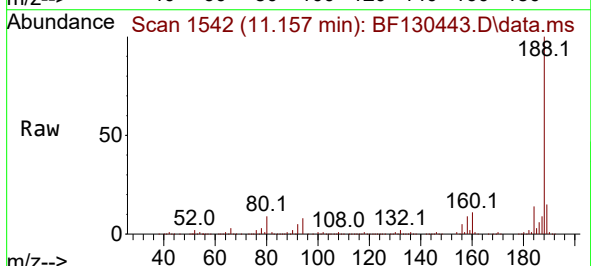
Instrument :
BNA_F
ClientSampleId :
PB147926BL

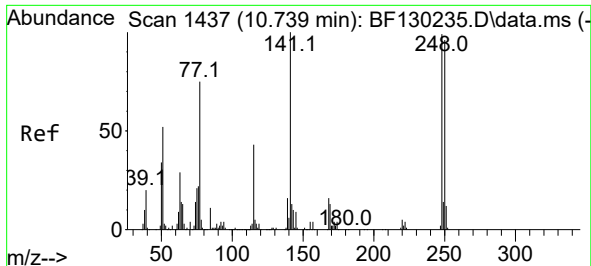
Tgt Ion:165 Resp: 32633
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Tgt Ion:188 Resp: 423634
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.8 7.9 11.9

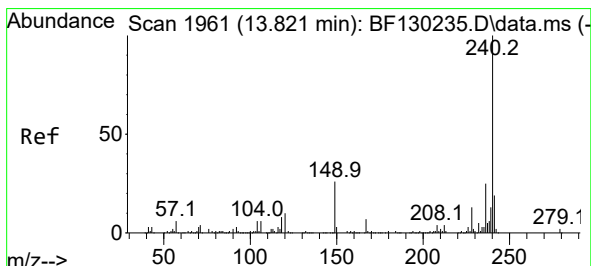
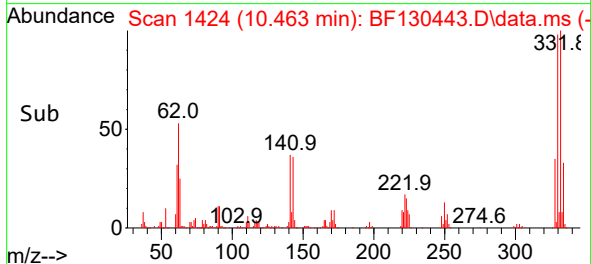
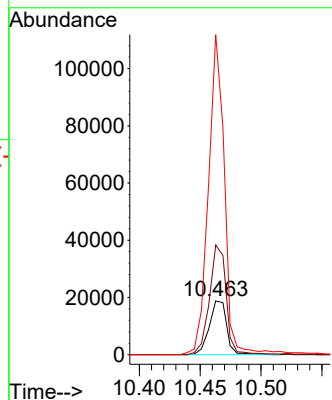
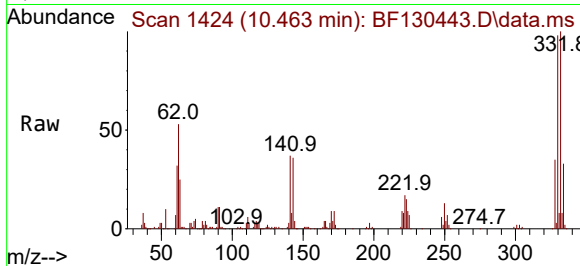




#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

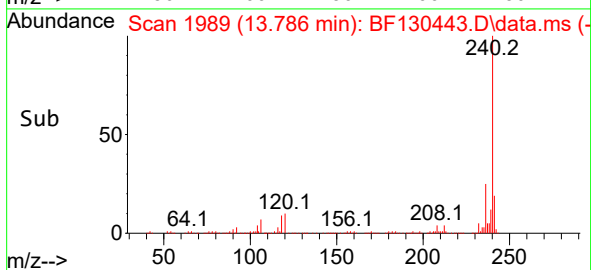
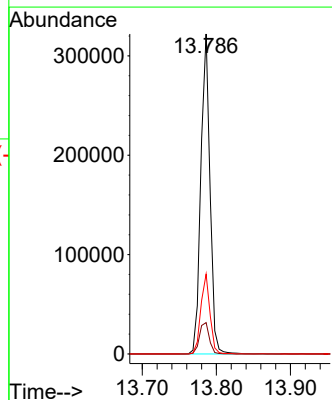
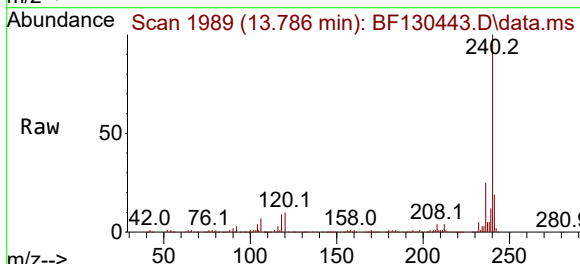
Instrument :
BNA_F
ClientSampleId :
PB147926BL

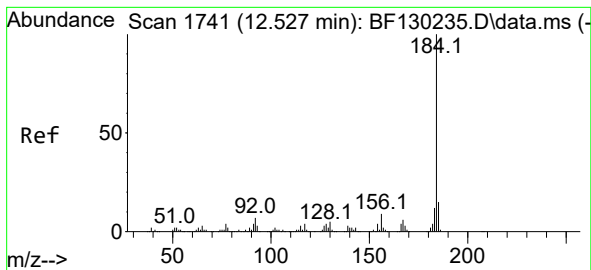
Tgt Ion:248 Resp: 18637
Ion Ratio Lower Upper
248 100
250 203.7 80.0 120.0#
141 595.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130443.D
Acq: 28 Sep 2022 12:10

Tgt Ion:240 Resp: 275597
Ion Ratio Lower Upper
240 100
120 9.8 8.7 13.1
236 24.9 20.9 31.3





#77

Benzidine

Concen: 2.274 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.247 min

Lab File: BF130443.D

Acq: 28 Sep 2022 12:10

Instrument :

BNA_F

ClientSampleId :

PB147926BL

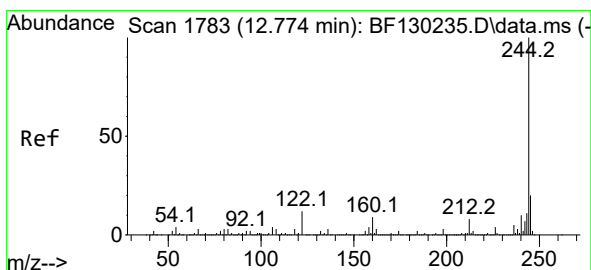
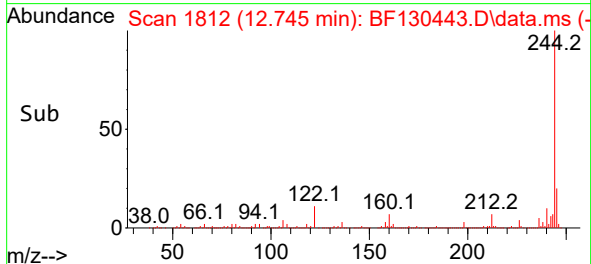
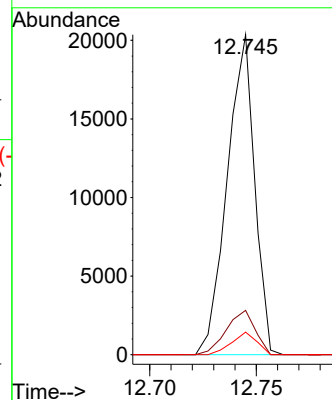
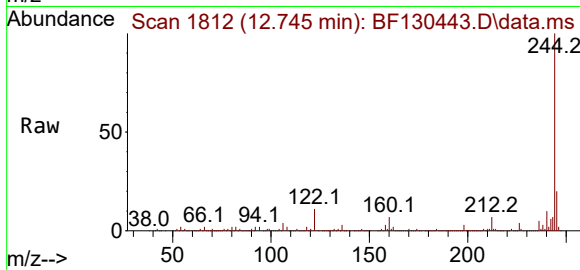
Tgt Ion:184 Resp: 18195

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

183 7.1 9.1 13.7#



#79

Terphenyl-d14

Concen: 78.218 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF130443.D

Acq: 28 Sep 2022 12:10

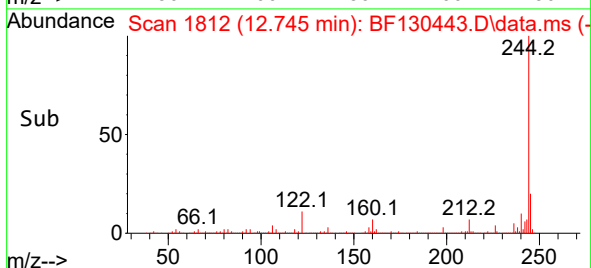
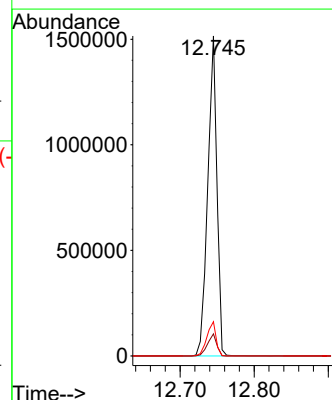
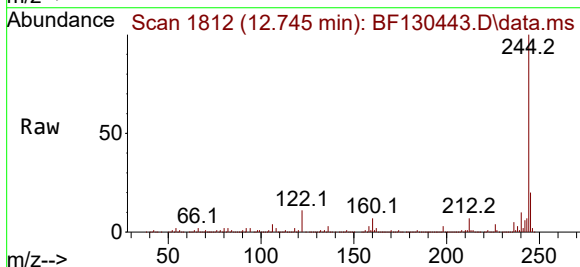
Tgt Ion:244 Resp: 1301346

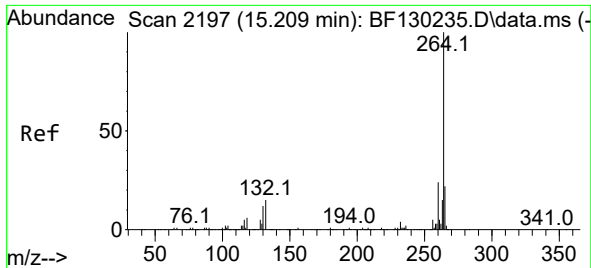
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.7 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.174 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130443.D

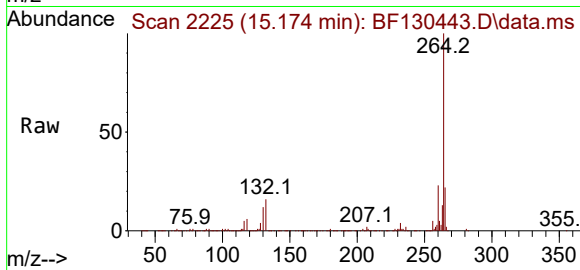
Acq: 28 Sep 2022 12:10

Instrument :

BNA_F

ClientSampleId :

PB147926BL



Tgt Ion:264 Resp: 208554

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 22.1 17.0 25.4

