

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130777.D
 Acq On : 25 Oct 2022 19:34
 Operator : CG\JU
 Sample : N5222-07DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:50:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

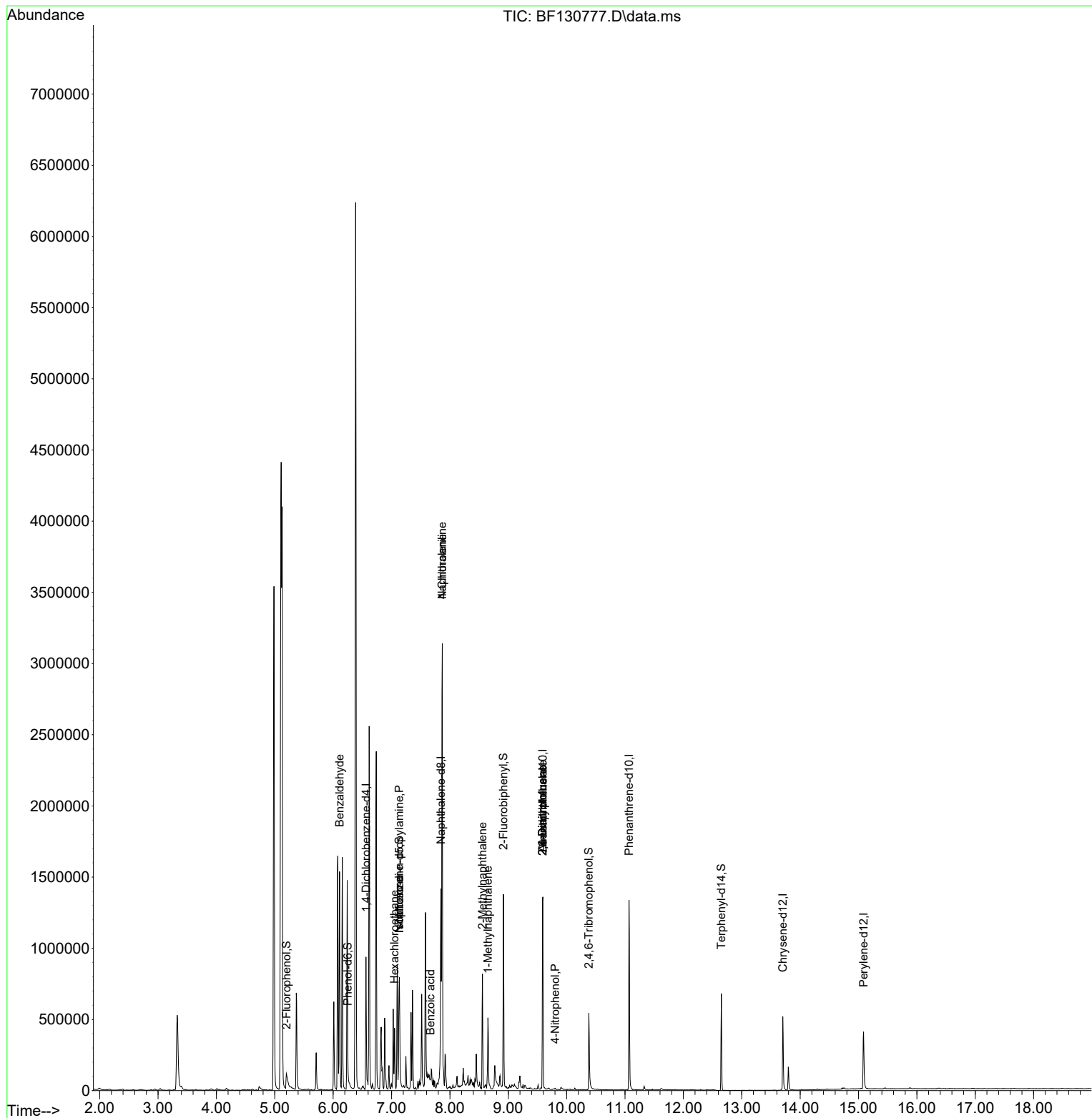
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	134515	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	540978	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	288757	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	477231	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	180517	20.000	ng	0.00
86) Perylene-d12	15.086	264	176342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	78590	10.075	ng	0.04
7) Phenol-d6	6.251	99	62684	6.642	ng	0.03
23) Nitrobenzene-d5	7.134	82	190399	18.670	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	69164	25.187	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	380593	20.086	ng	-0.01
79) Terphenyl-d14	12.651	244	212278	19.817	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.110	77	58431	10.603	ng	# 1
18) Hexachloroethane	7.051	117	10645	2.826	ng	# 1
19) n-Nitroso-di-n-propyla...	7.134	70	24437	3.832	ng	# 83
25) Isophorone	7.134	82	190397	11.332	ng	# 65
31) Naphthalene	7.869	128	1326556	47.558	ng	100
32) Benzoic acid	7.669	122	8308	7.793	ng	# 2
33) 4-Chloroaniline	7.869	127	180055	16.779	ng	# 33
37) 2-Methylnaphthalene	8.557	142	201003	10.998	ng	99
38) 1-Methylnaphthalene	8.651	142	123423	6.812	ng	98
50) Dimethylphthalate	9.592	163	54349	2.798	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	36827	8.467	ng	# 30
56) 4-Nitrophenol	9.804	139	1385	6.184	ng	# 15
57) 2,4-Dinitrotoluene	9.586	165	36827	6.286	ng	# 28
77) Benzidine	12.651	184	2872	Below Cal	#	90

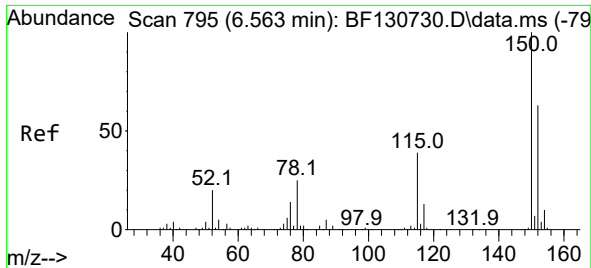
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
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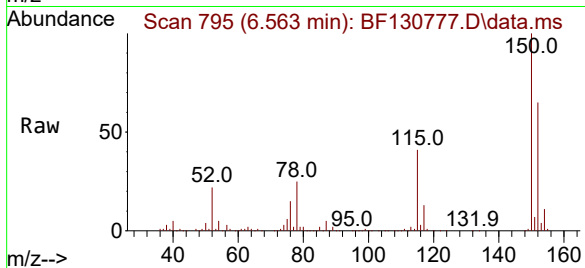
Quant Time: Oct 26 13:50:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
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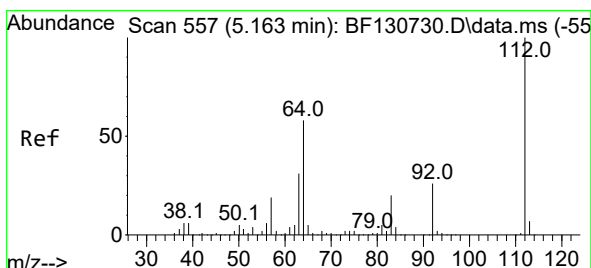
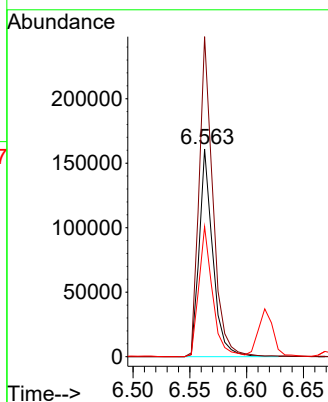
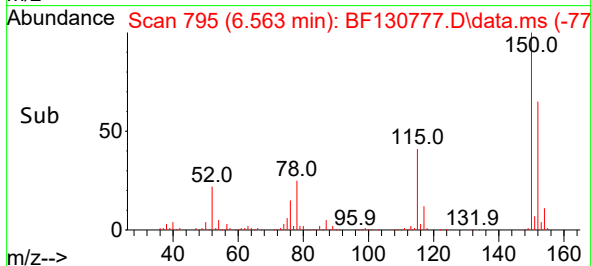


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF130777.D
 Acq: 25 Oct 2022 19:34

Instrument :
 BNA_F
 ClientSampleId :

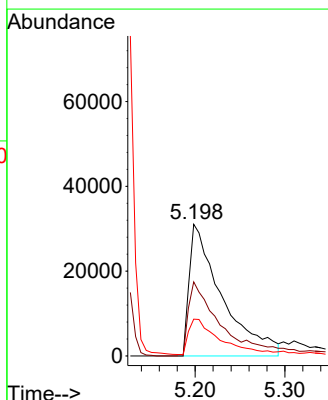
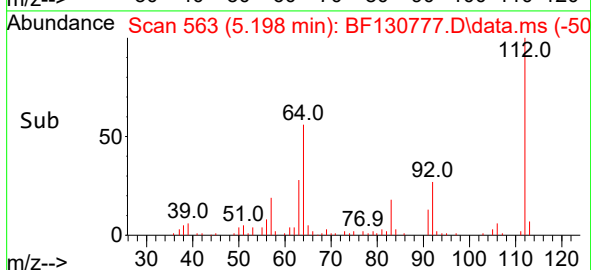
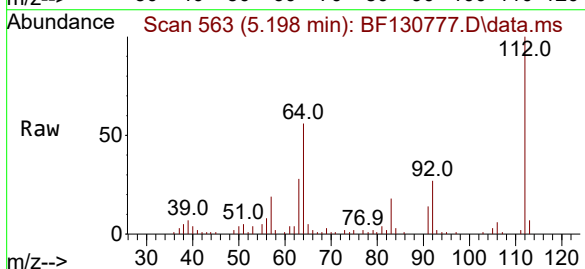


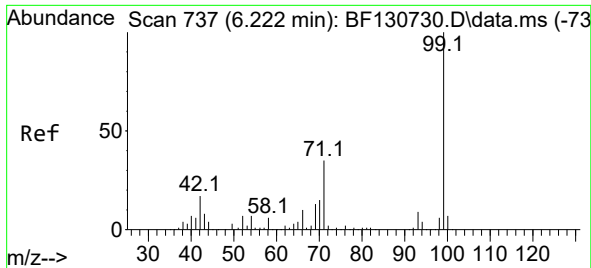
Tgt Ion:152 Resp: 134515
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.0 190.6
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 10.075 ng
 RT: 5.198 min Scan# 563
 Delta R.T. 0.035 min
 Lab File: BF130777.D
 Acq: 25 Oct 2022 19:34

Tgt Ion:112 Resp: 78590
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.2 69.4
 63 27.9 25.1 37.7





#7

Phenol-d6

Concen: 6.642 ng

RT: 6.251 min Scan# 741

Delta R.T. 0.029 min

Lab File: BF130777.D

Acq: 25 Oct 2022 19:34

Instrument :

BNA_F

ClientSampleId :

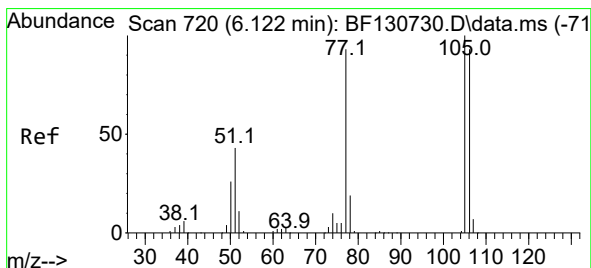
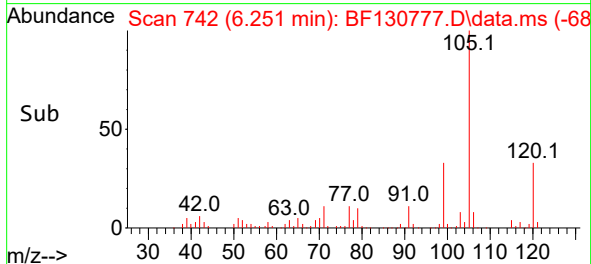
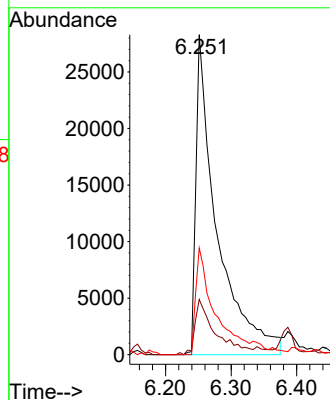
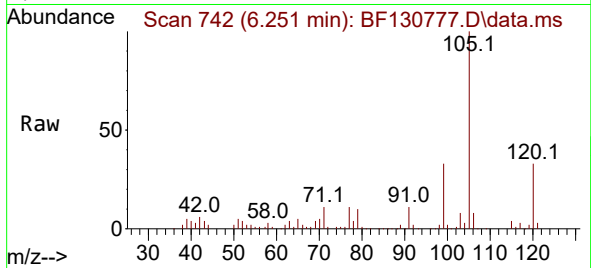
Tgt Ion: 99 Resp: 62684

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

71 33.3 28.3 42.5



#9

Benzaldehyde

Concen: 10.603 ng

RT: 6.110 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF130777.D

Acq: 25 Oct 2022 19:34

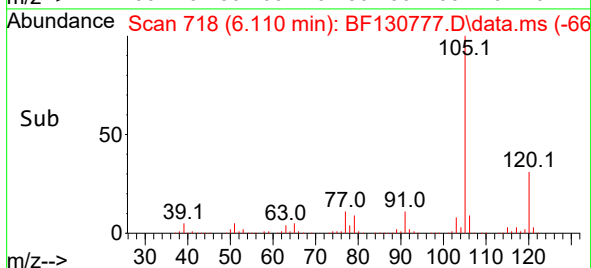
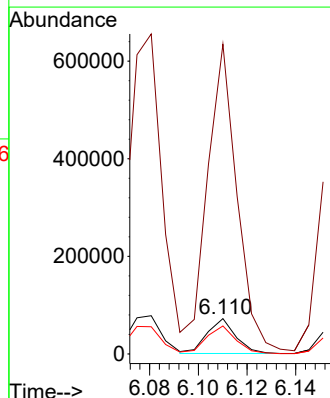
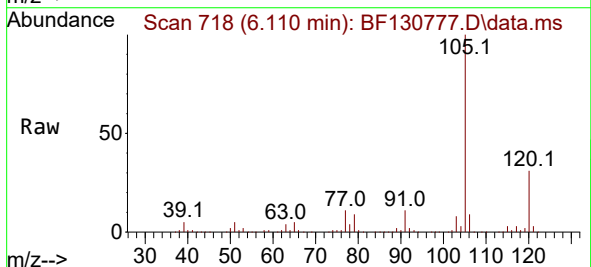
Tgt Ion: 77 Resp: 58431

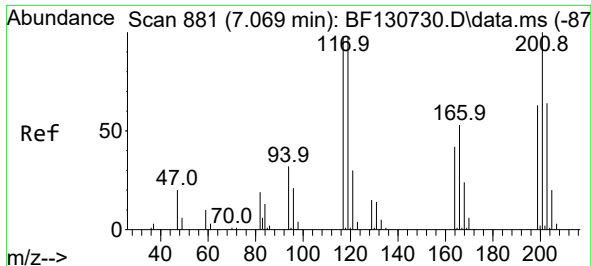
Ion Ratio Lower Upper

77 100

105 874.7 87.1 127.1#

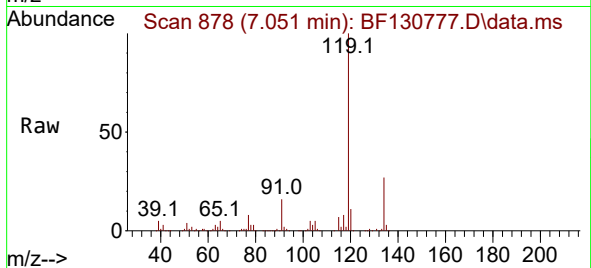
106 79.2 79.5 119.5#



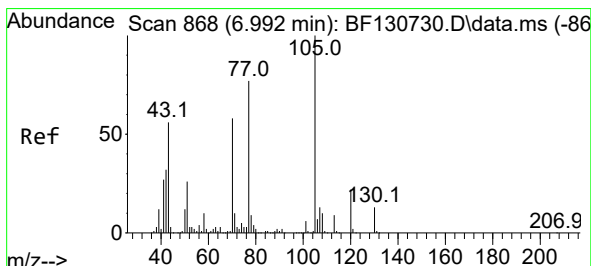
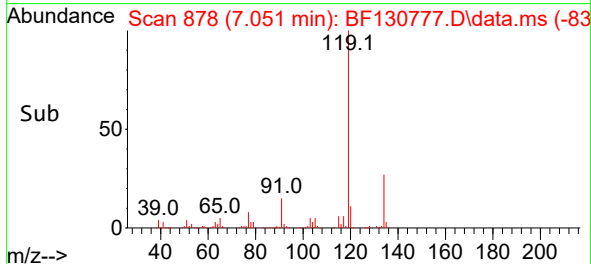
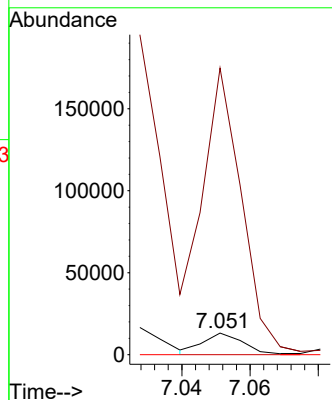


#18
Hexachloroethane
Concen: 2.826 ng
RT: 7.051 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Instrument :
BNA_F
ClientSampleId :

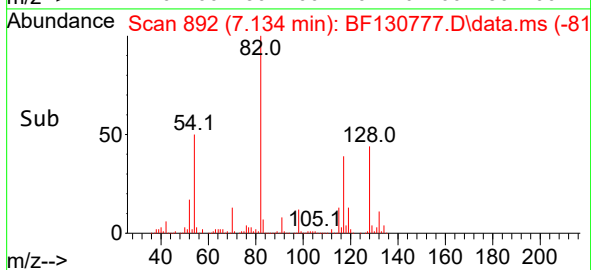
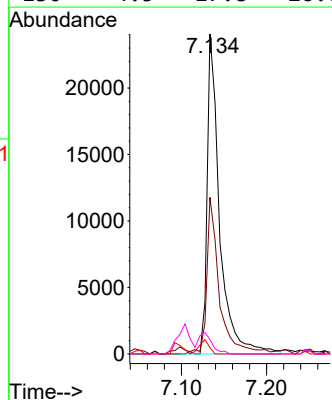
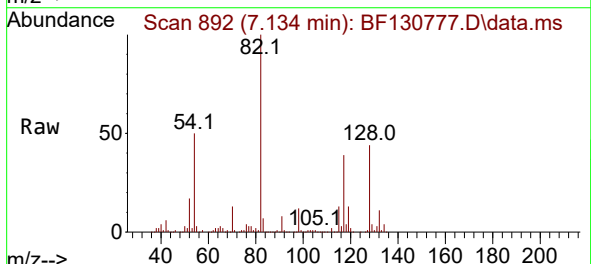


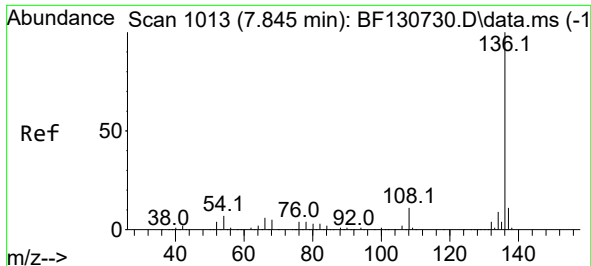
Tgt Ion:117 Resp: 10645
Ion Ratio Lower Upper
117 100
119 1329.4 79.1 118.7#
201 0.0 81.5 122.3#



#19
n-Nitroso-di-n-propylamine
Concen: 3.832 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

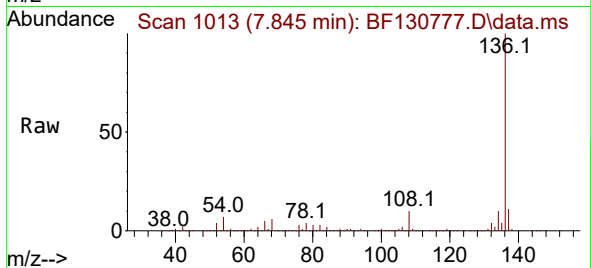
Tgt Ion: 70 Resp: 24437
Ion Ratio Lower Upper
70 100
42 49.0 44.1 66.1
101 2.0 8.3 12.5#
130 4.5 17.8 26.6#



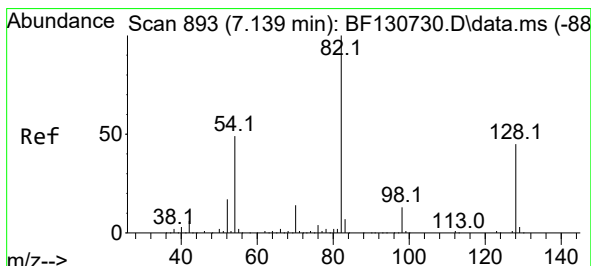
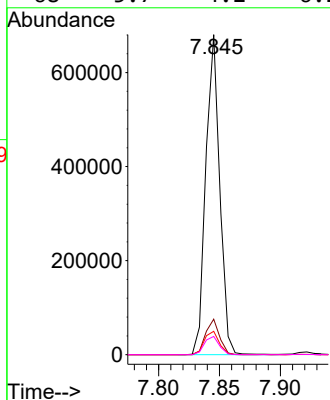
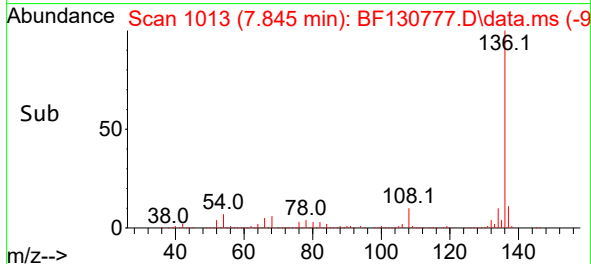


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Instrument :
BNA_F
ClientSampleId :

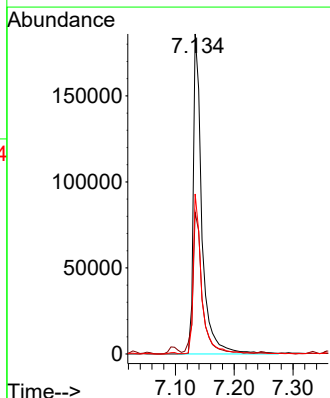
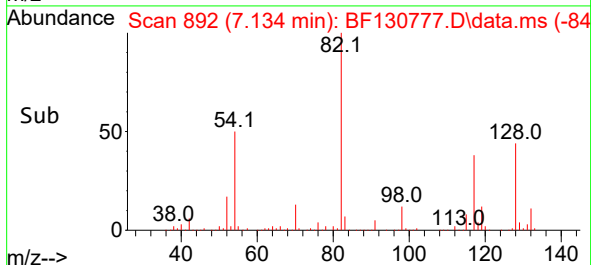
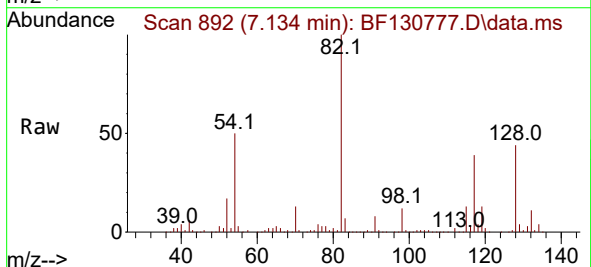


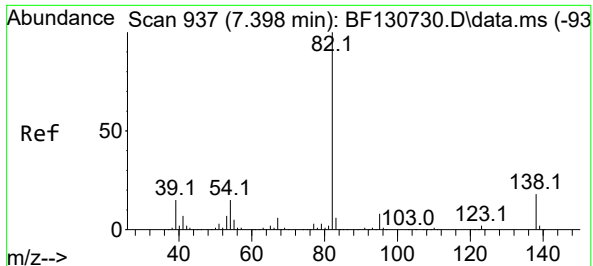
Tgt Ion:136 Resp: 540978
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 5.8 8.8
68 5.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 18.670 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Tgt Ion: 82 Resp: 190399
Ion Ratio Lower Upper
82 100
128 44.2 35.9 53.9
54 50.0 39.2 58.8

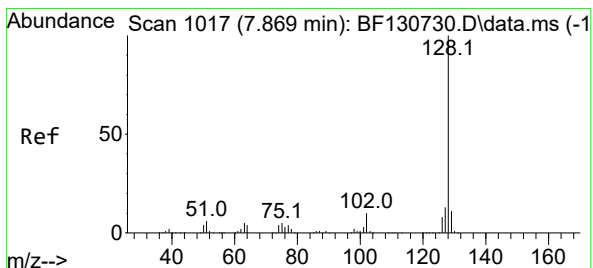
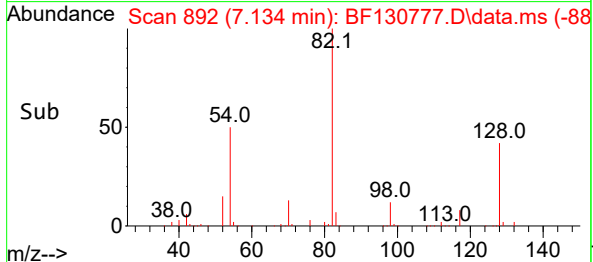
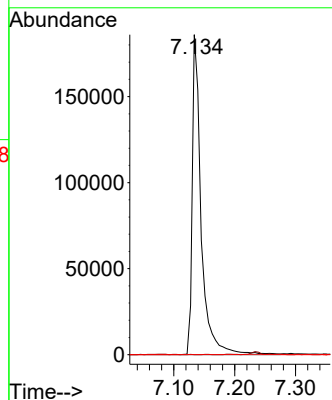
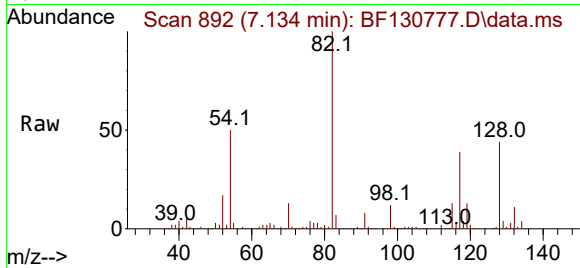




#25
Isophorone
Concen: 11.332 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

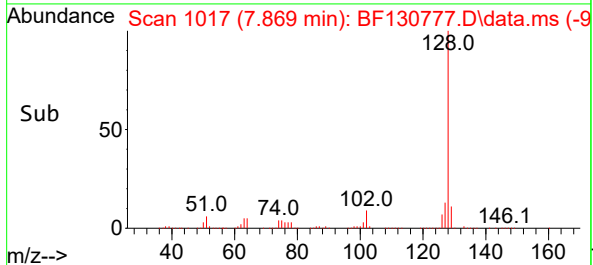
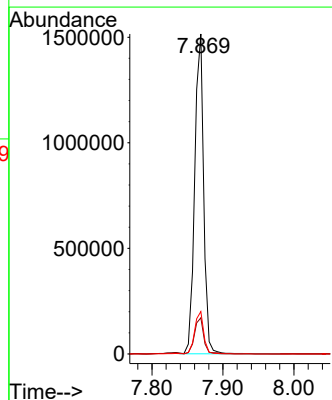
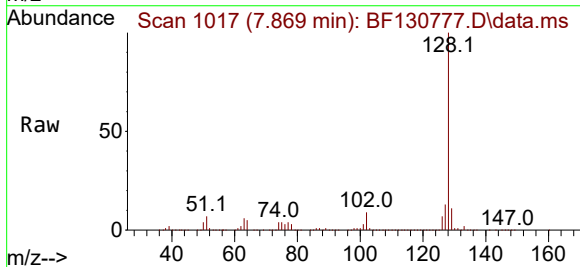
Instrument :
BNA_F
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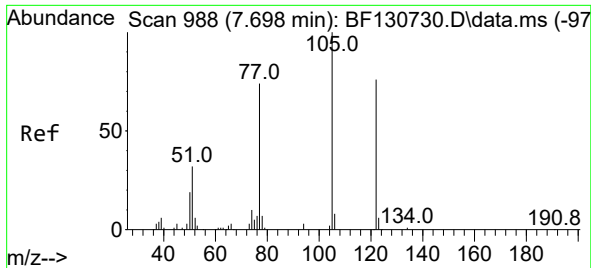
Tgt Ion: 82 Resp: 190397
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 47.558 ng
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Tgt Ion: 128 Resp: 1326556
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0

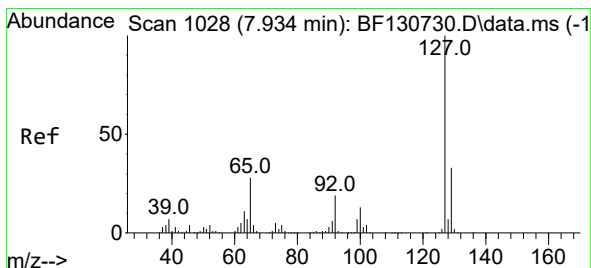
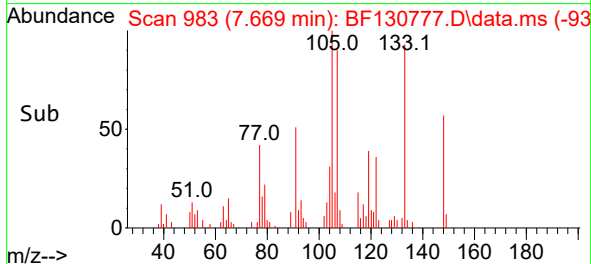
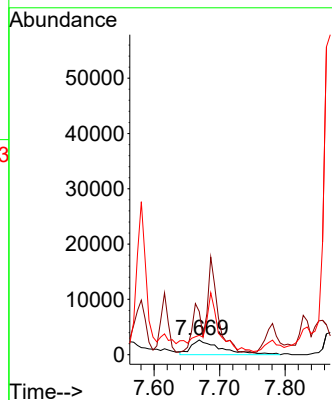
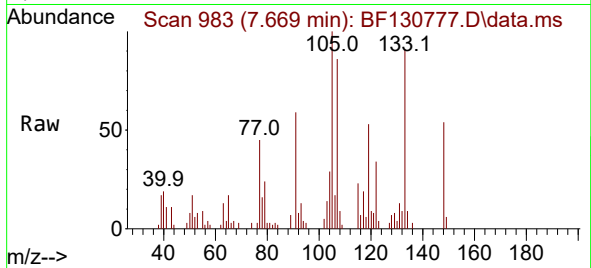




#32
Benzoic acid
Concen: 7.793 ng
RT: 7.669 min Scan# 91
Delta R.T. -0.029 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

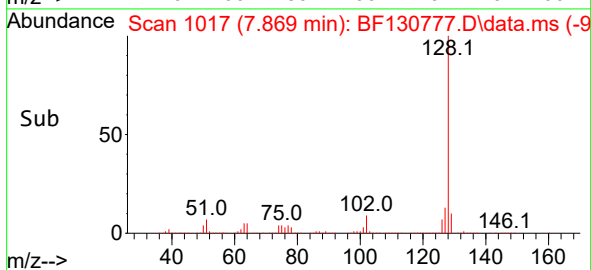
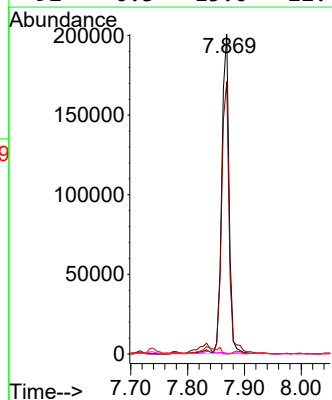
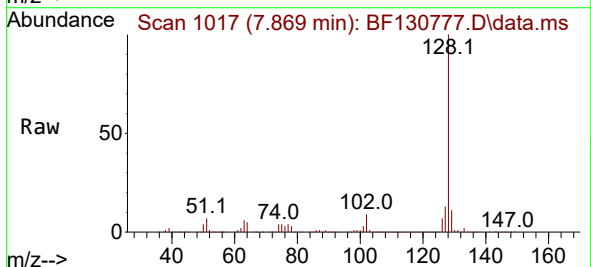
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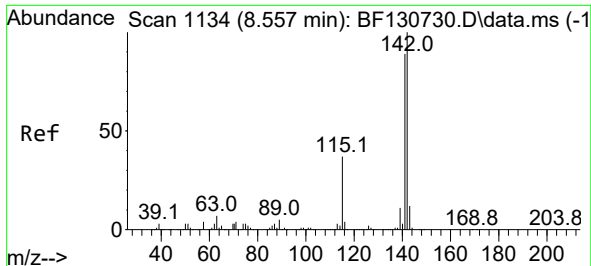
Tgt Ion:122 Resp: 8308
Ion Ratio Lower Upper
122 100
105 294.4 109.2 149.2#
77 131.8 75.7 115.7#



#33
4-Chloroaniline
Concen: 16.779 ng
RT: 7.869 min Scan# 1017
Delta R.T. -0.065 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Tgt Ion:127 Resp: 180055
Ion Ratio Lower Upper
127 100
129 85.1 26.2 39.4#
65 0.0 22.6 33.8#
92 0.3 15.0 22.4#





#37

2-Methylnaphthalene

Concen: 10.998 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130777.D

Acq: 25 Oct 2022 19:34

Instrument :

BNA_F

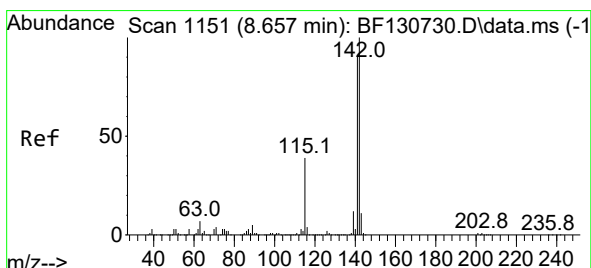
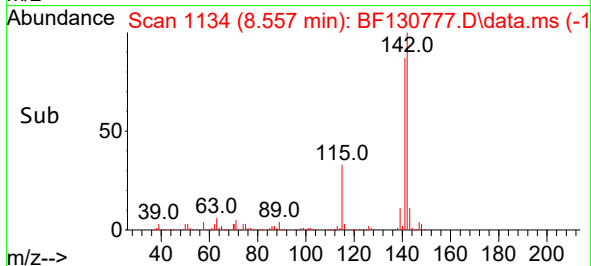
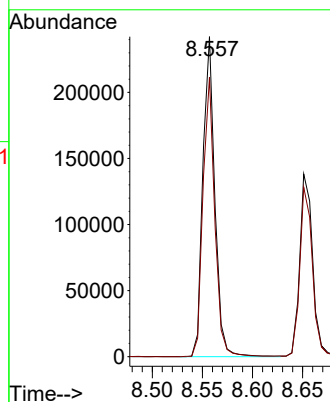
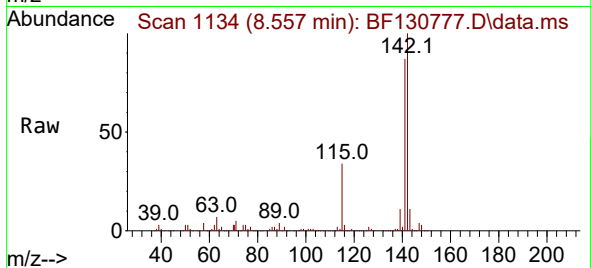
ClientSampleId :

Tgt Ion:142 Resp: 201003

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 6.812 ng

RT: 8.651 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130777.D

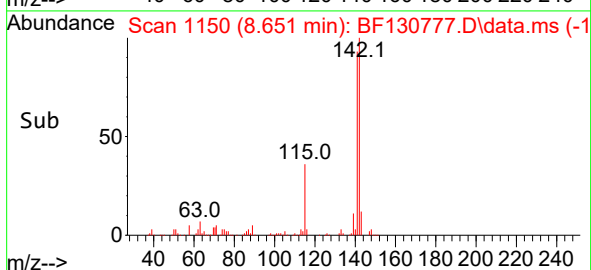
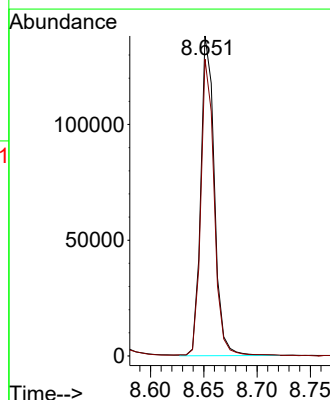
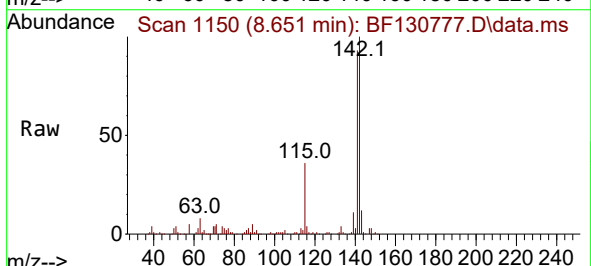
Acq: 25 Oct 2022 19:34

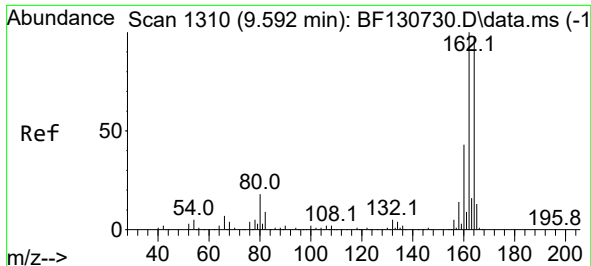
Tgt Ion:142 Resp: 123423

Ion Ratio Lower Upper

142 100

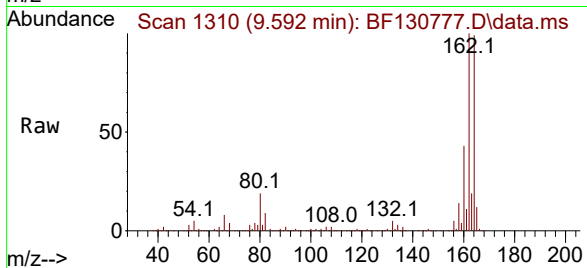
141 92.7 73.0 109.4



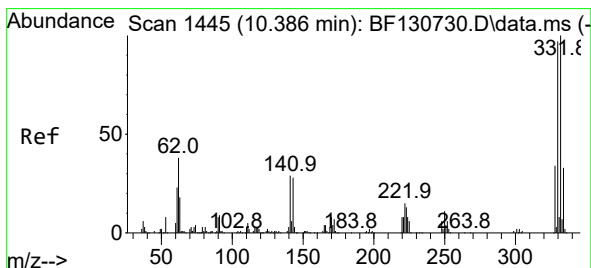
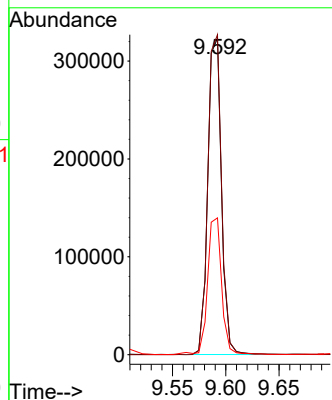
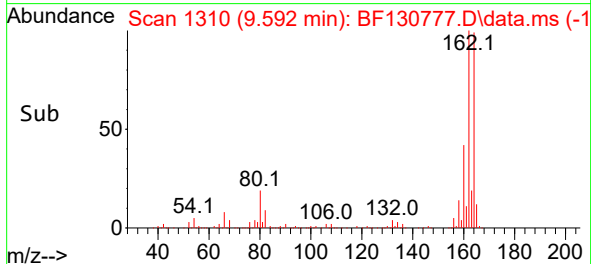


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

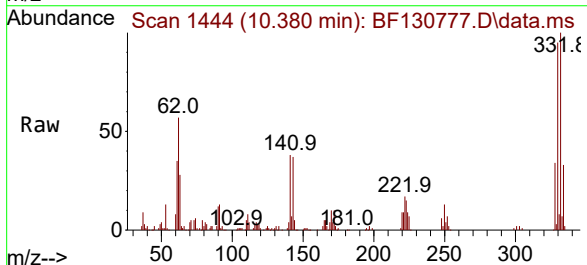
Instrument :
BNA_F
ClientSampleId :



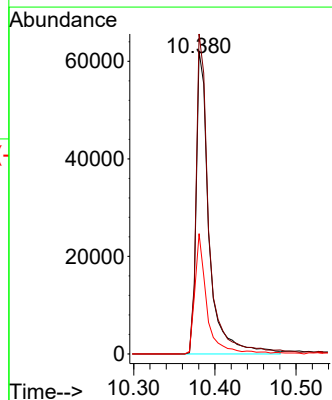
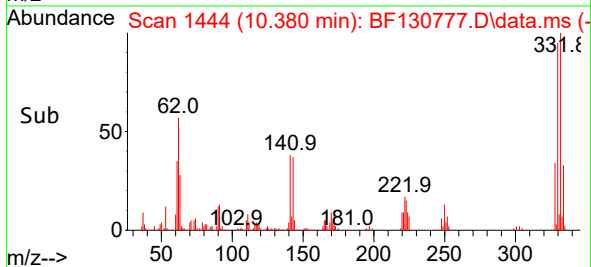
Tgt Ion:164 Resp: 288757
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.2 35.0 52.4

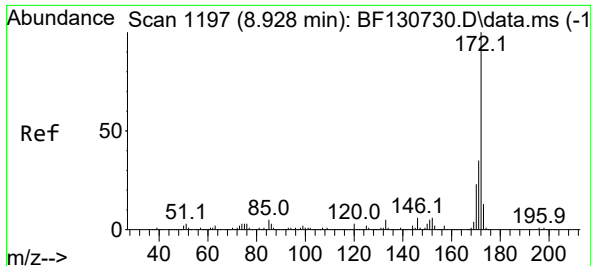


#42
2,4,6-Tribromophenol
Concen: 25.187 ng
RT: 10.380 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34



Tgt Ion:330 Resp: 69164
Ion Ratio Lower Upper
330 100
332 105.5 81.4 122.2
141 37.7 24.6 37.0#

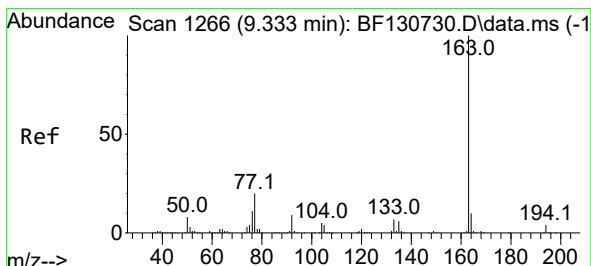
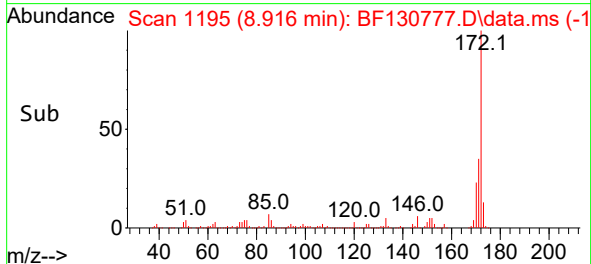
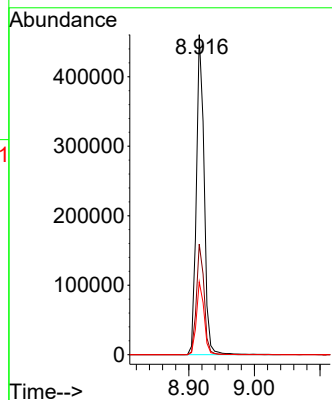
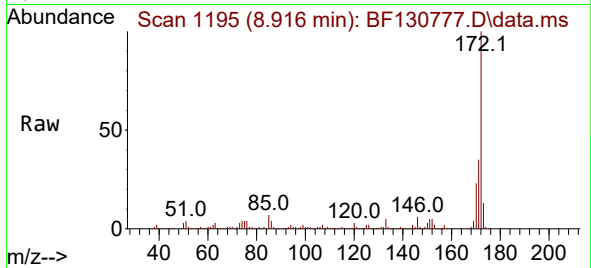




#45
2-Fluorobiphenyl
Concen: 20.086 ng
RT: 8.916 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

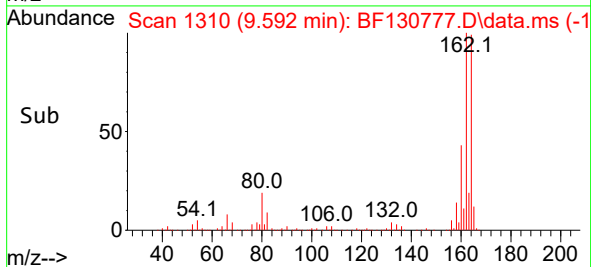
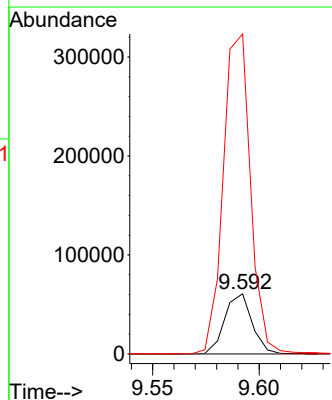
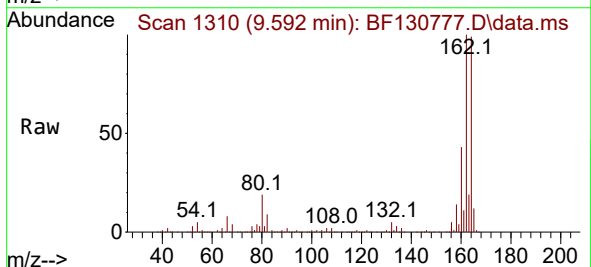
Instrument :
BNA_F
ClientSampleId :

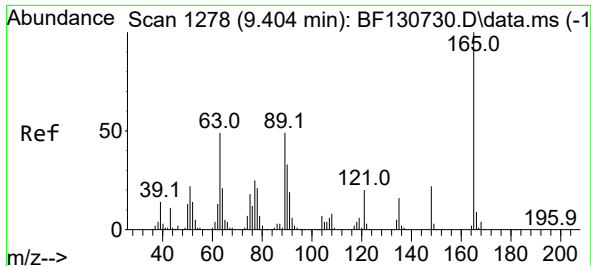
Tgt Ion:172 Resp: 380593
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 22.7 18.5 27.7



#50
Dimethylphthalate
Concen: 2.798 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

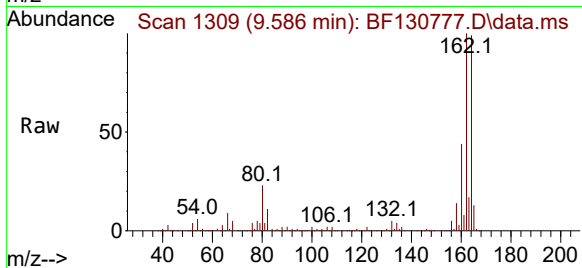
Tgt Ion:163 Resp: 54349
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 531.3 8.1 12.1#



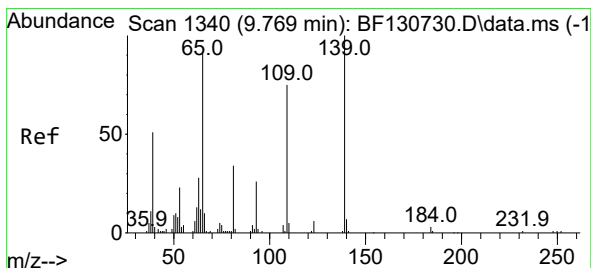
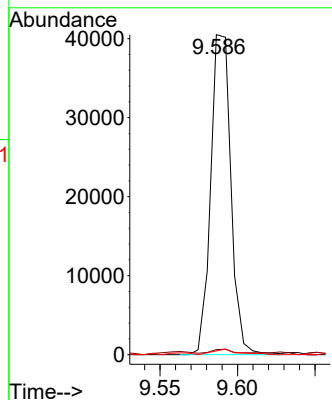
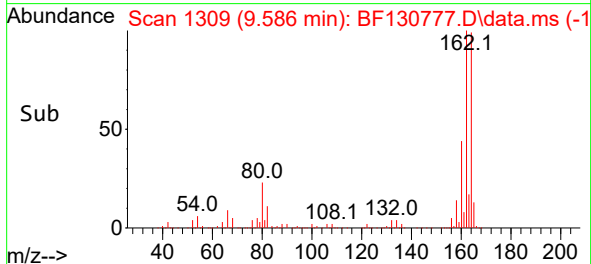


#51
2,6-Dinitrotoluene
Concen: 8.467 ng
RT: 9.586 min Scan# 11
Delta R.T. 0.182 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Instrument :
BNA_F
ClientSampleId :

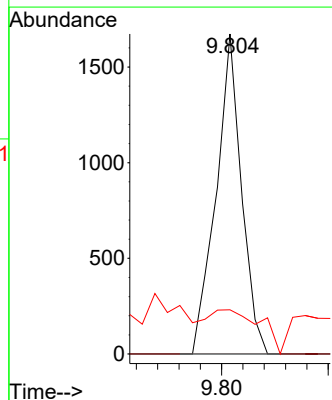
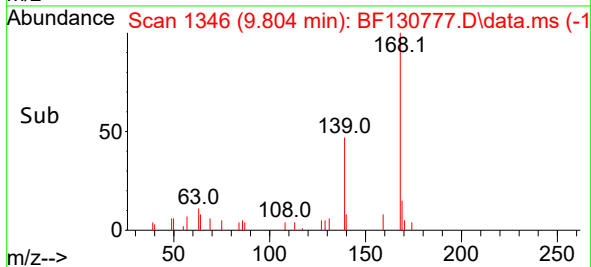
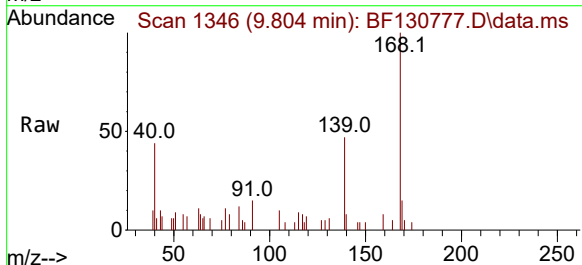


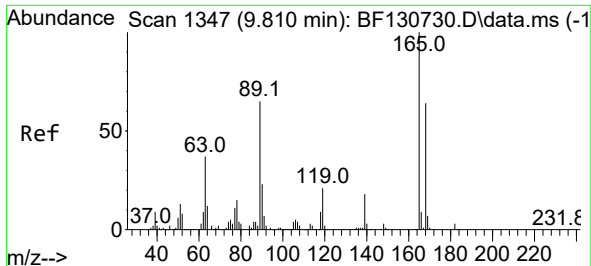
Tgt Ion:165 Resp: 36827
Ion Ratio Lower Upper
165 100
63 1.6 38.8 58.2#
89 1.2 39.4 59.2#



#56
4-Nitrophenol
Concen: 6.184 ng
RT: 9.804 min Scan# 1346
Delta R.T. 0.035 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Tgt Ion:139 Resp: 1385
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 13.8 72.2 112.2#





#57

2,4-Dinitrotoluene

Concen: 6.286 ng

RT: 9.586 min Scan# 11

Delta R.T. -0.224 min

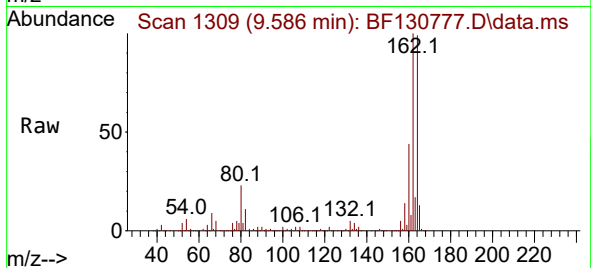
Lab File: BF130777.D

Acq: 25 Oct 2022 19:34

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 36827

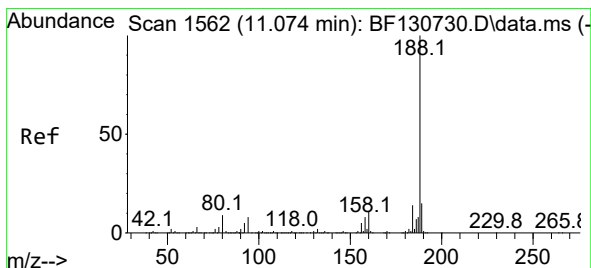
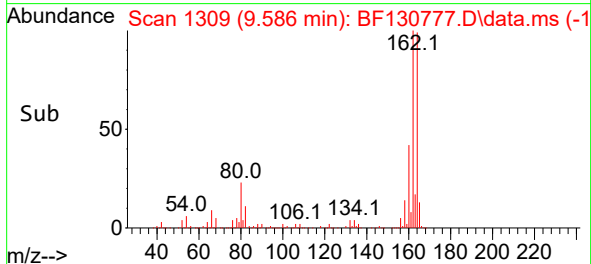
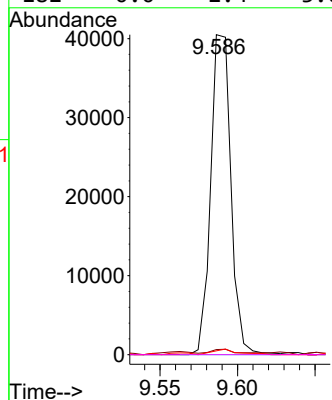
Ion Ratio Lower Upper

165 100

63 1.6 32.6 49.0#

89 1.2 51.9 77.9#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.069 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF130777.D

Acq: 25 Oct 2022 19:34

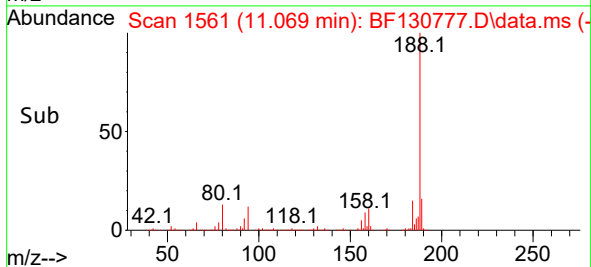
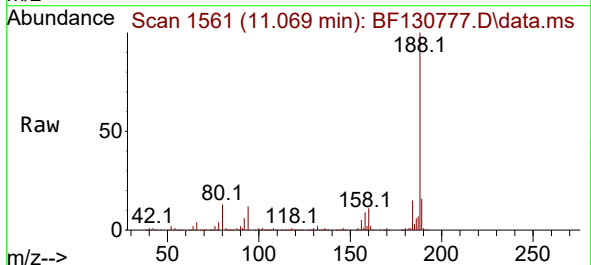
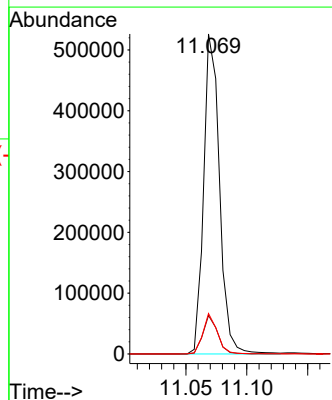
Tgt Ion:188 Resp: 477231

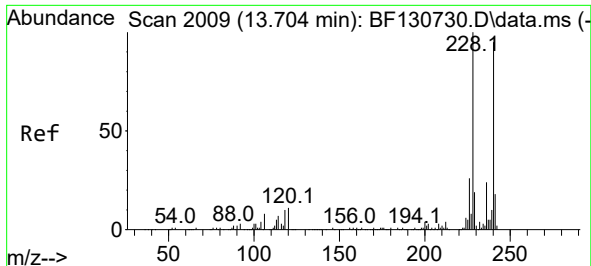
Ion Ratio Lower Upper

188 100

94 12.0 6.7 10.1#

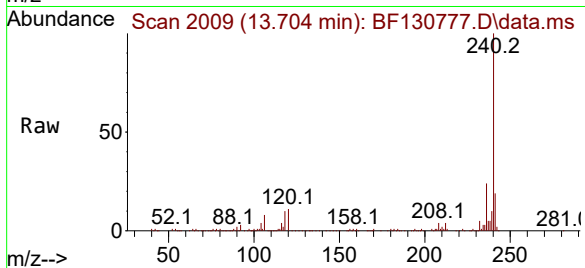
80 12.7 7.4 11.0#



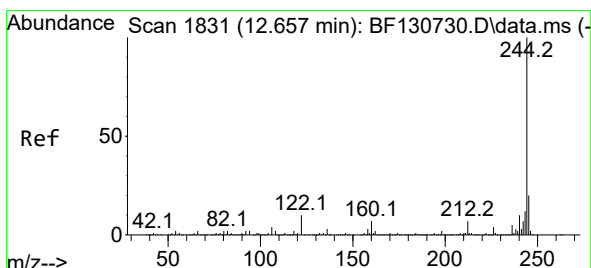
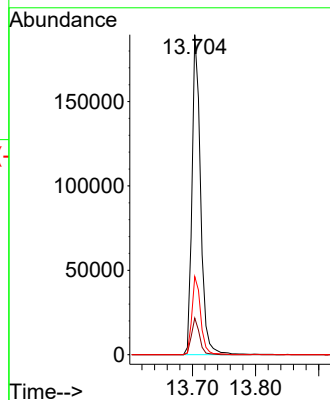
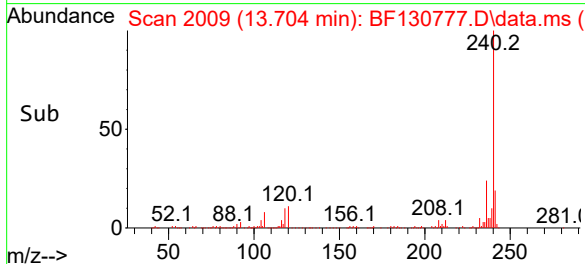


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

Instrument :
BNA_F
ClientSampleId :

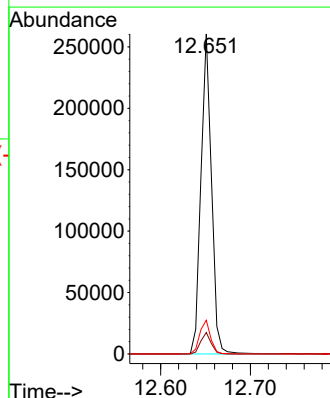
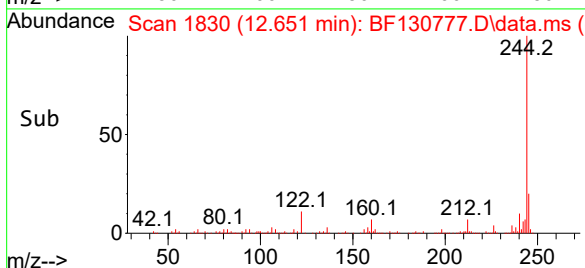
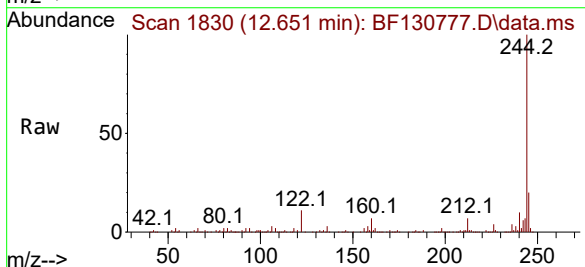


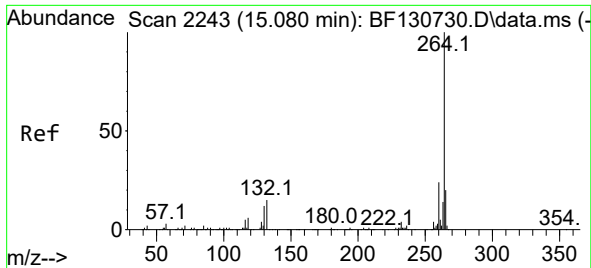
Tgt Ion:240 Resp: 180517
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 24.4 20.2 30.2



#79
Terphenyl-d14
Concen: 19.817 ng
RT: 12.651 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF130777.D
Acq: 25 Oct 2022 19:34

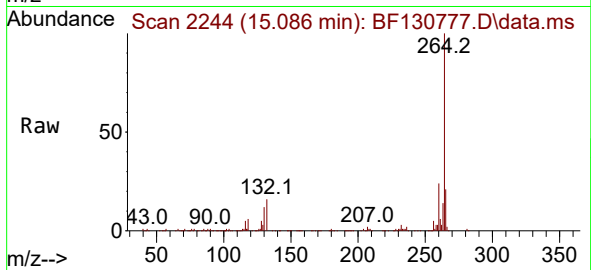
Tgt Ion:244 Resp: 212278
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.6 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130777.D
 Acq: 25 Oct 2022 19:34

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 176342
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.4 16.2 24.4

