

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130058.D
 Acq On : 31 Aug 2022 18:56
 Operator : CG\JU
 Sample : PB147199BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147199BL

Quant Time: Sep 01 03:28:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

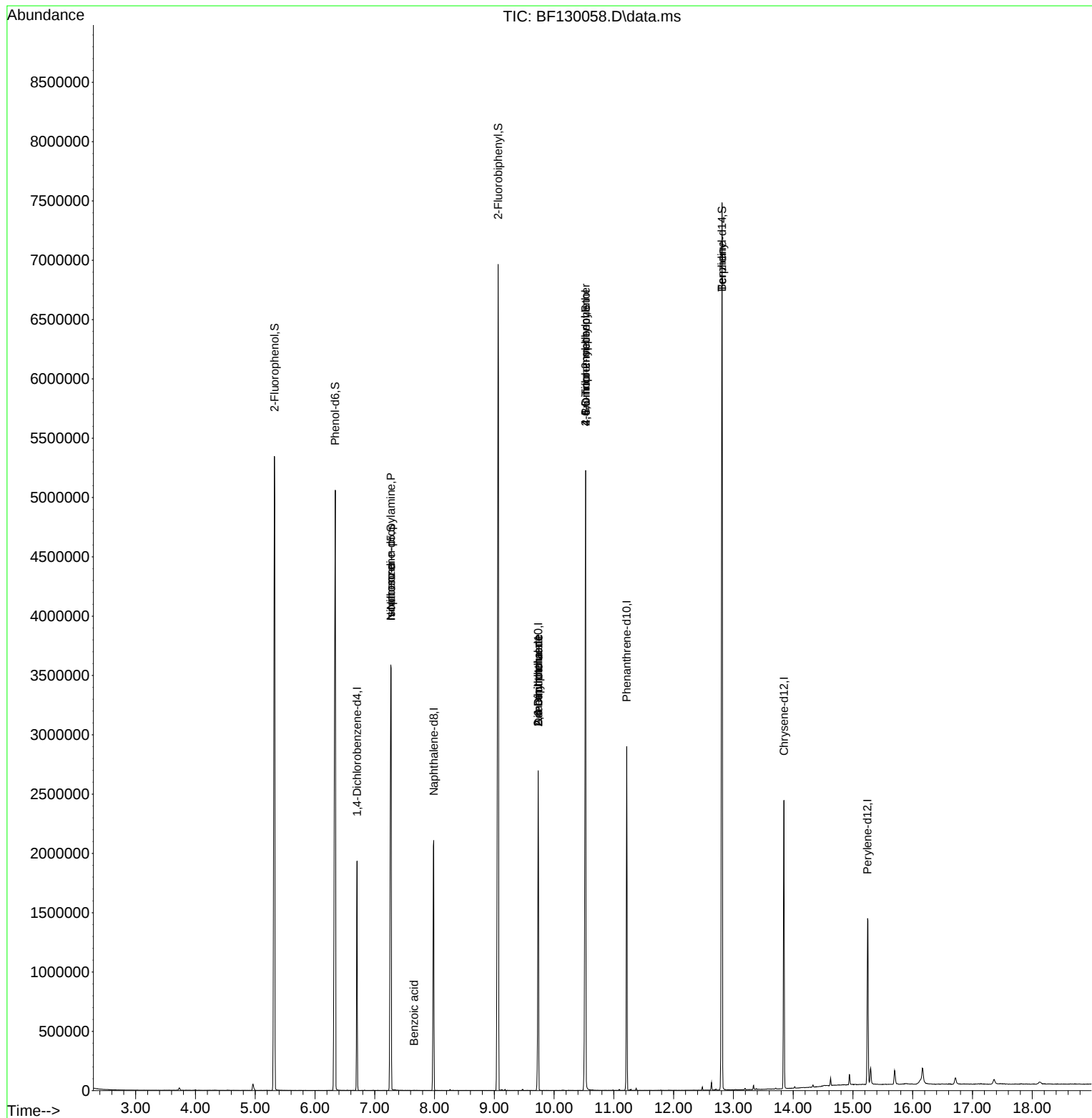
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	272600	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1111502	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	585513	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	1011947	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	735945	20.000	ng	#-0.01
86) Perylene-d12	15.245	264	601761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	2093248	130.360	ng	0.01
7) Phenol-d6	6.339	99	2638076	131.778	ng	0.00
23) Nitrobenzene-d5	7.269	82	1628193	94.141	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	771414	144.736	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2869814	81.263	ng	0.00
79) Terphenyl-d14	12.810	244	3148818	74.196	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	211657	17.550	ng	# 74
25) Isophorone	7.269	82	1595183	45.569	ng	# 65
32) Benzoic acid	7.657	122	337	6.596	ng	93
50) Dimethylphthalate	9.733	163	111499	2.796	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	77097	9.915	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	77097	8.612	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.527	198	1936	6.435	ng	# 1
67) 4-Bromophenyl-phenylether	10.527	248	46103	4.096	ng	# 1
77) Benzidine	12.810	184	42787	2.153	ng	# 94

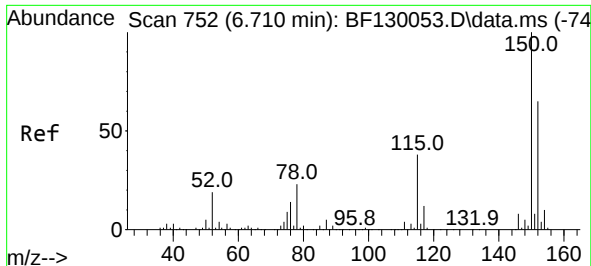
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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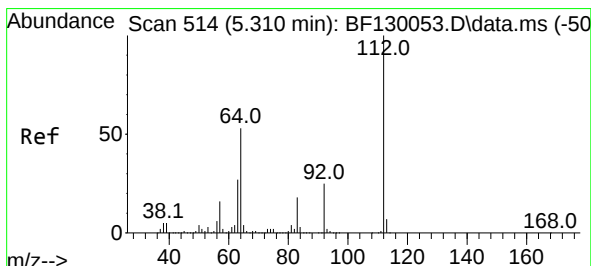
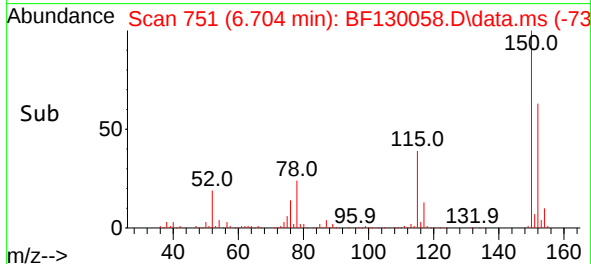
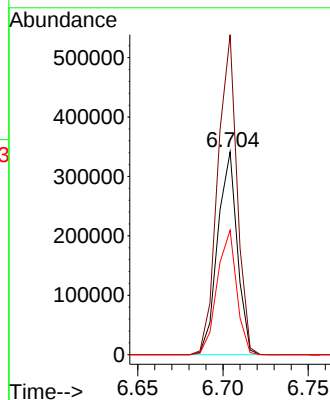
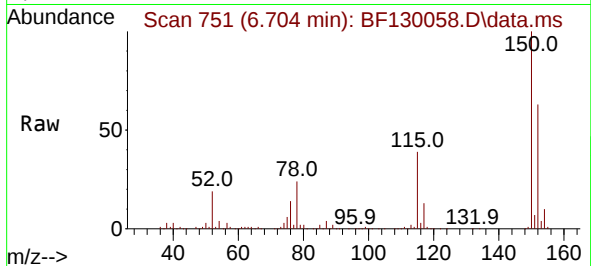




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130058.D
 Acq: 31 Aug 2022 18:56

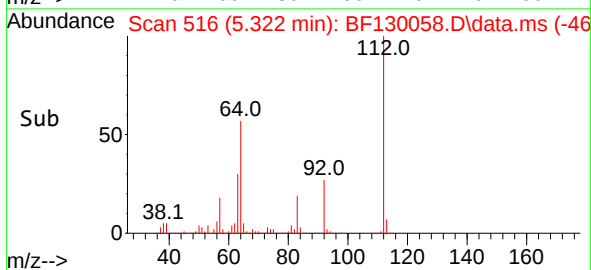
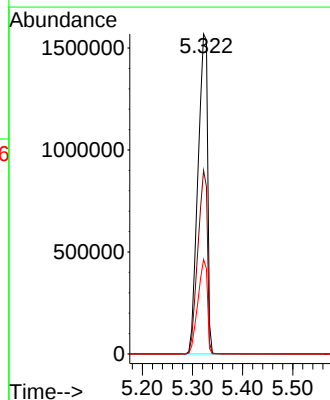
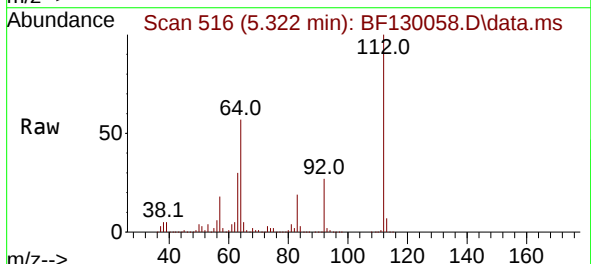
Instrument :
 BNA_F
 ClientSampleId :
 PB147199BL

Tgt Ion:152 Resp: 272600
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.9 190.3
 115 61.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 130.360 ng
 RT: 5.322 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF130058.D
 Acq: 31 Aug 2022 18:56

Tgt Ion:112 Resp: 2093248
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.6 71.4
 63 29.6 24.6 37.0

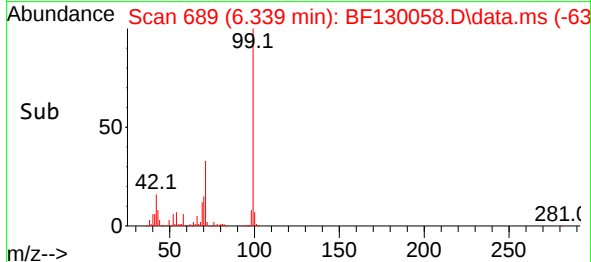
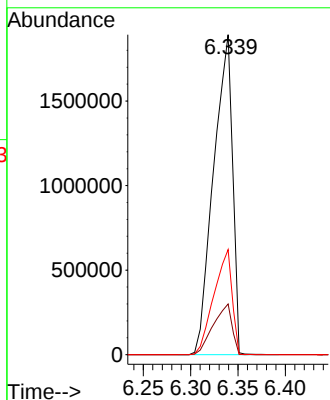
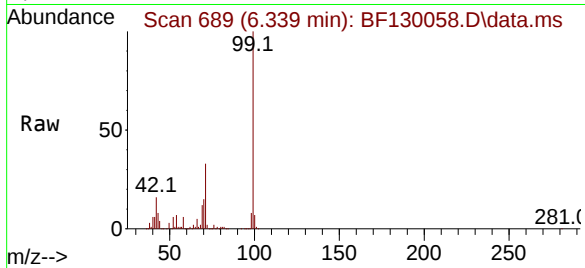




#7
Phenol-d6
Concen: 131.778 ng
RT: 6.339 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

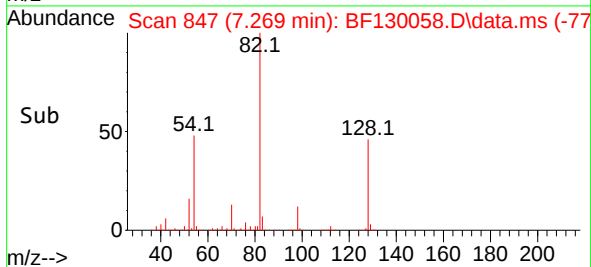
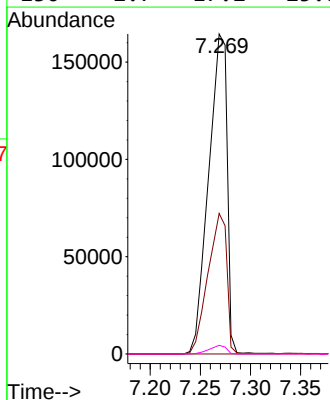
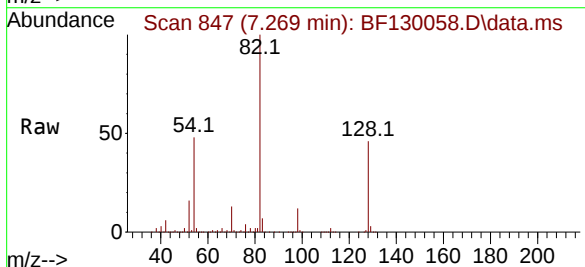
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ClientSampleId :
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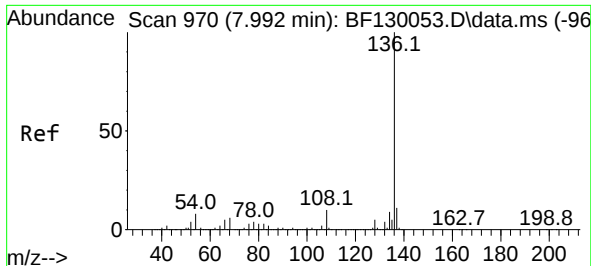
Tgt Ion: 99 Resp: 2638076
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 32.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.550 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion: 70 Resp: 211657
Ion Ratio Lower Upper
70 100
42 43.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.7 17.2 25.8#

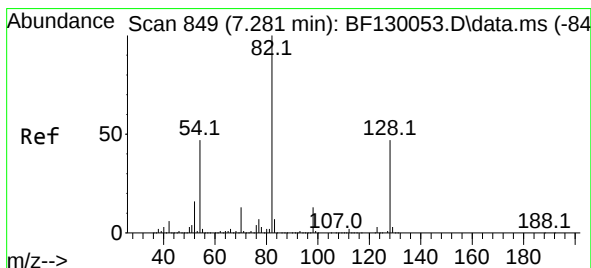
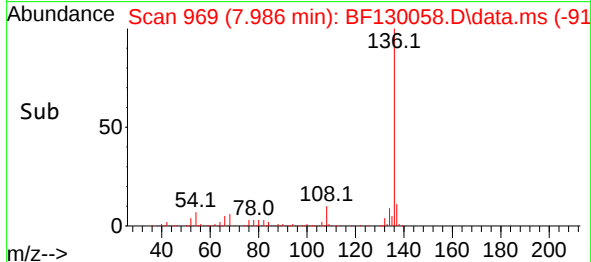
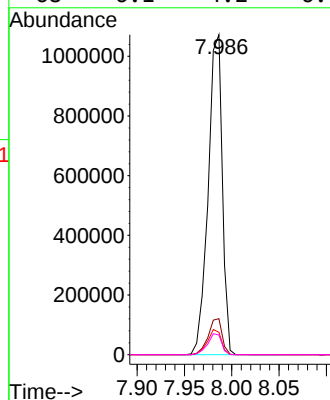
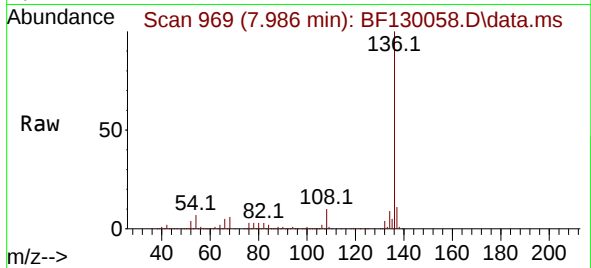




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

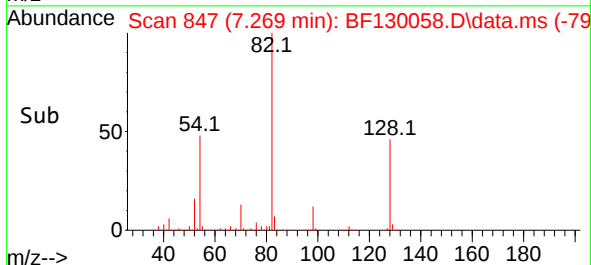
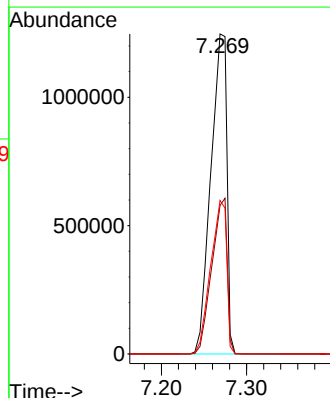
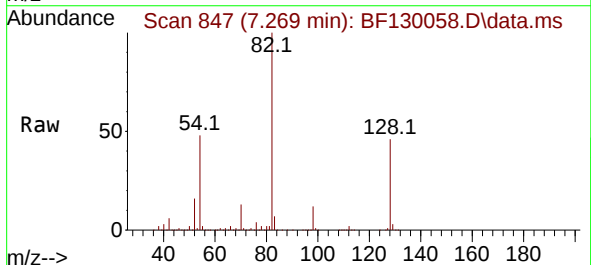
Instrument :
BNA_F
ClientSampleId :
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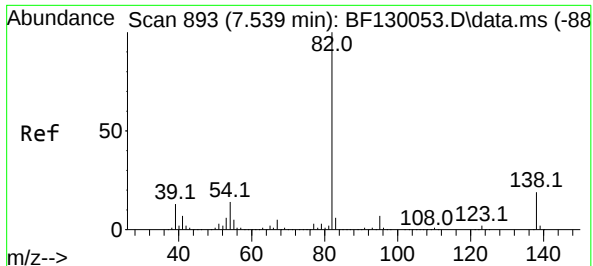
Tgt Ion:136 Resp: 1111502
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.0 6.2 9.2
68 6.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 94.141 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion: 82 Resp: 1628193
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 48.0 40.0 60.0

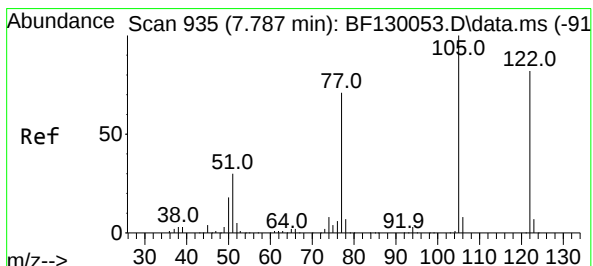
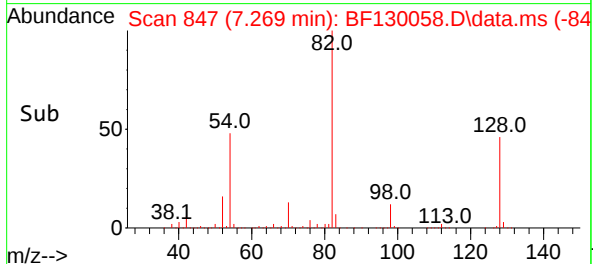
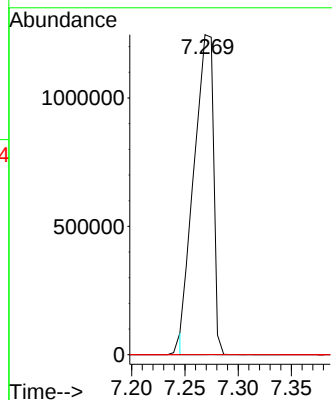
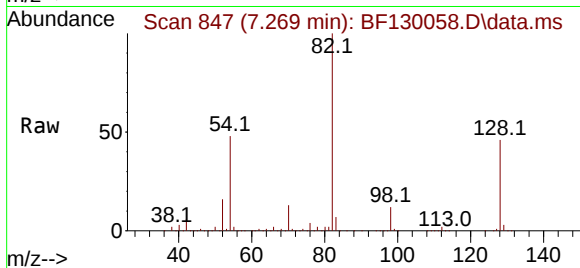




#25
Isophorone
Concen: 45.569 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

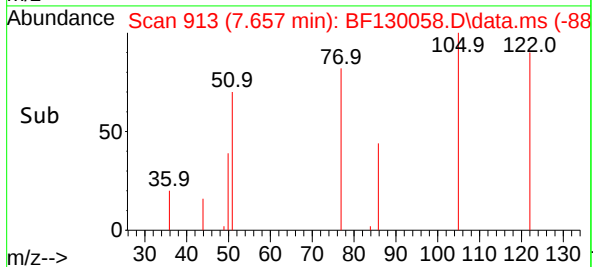
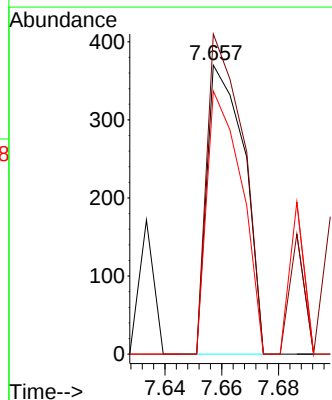
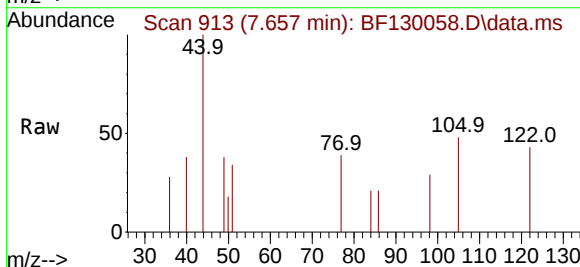
Instrument :
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ClientSampleId :
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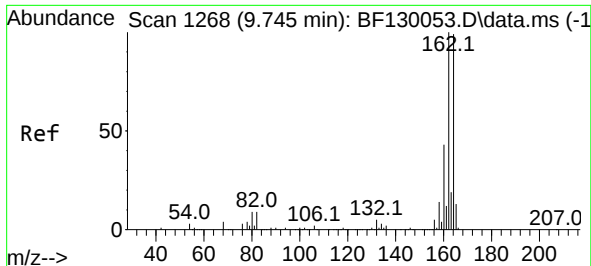
Tgt Ion: 82 Resp: 1595183
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.596 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.130 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion: 122 Resp: 337
Ion Ratio Lower Upper
122 100
105 110.8 99.9 139.9
77 91.1 65.9 105.9

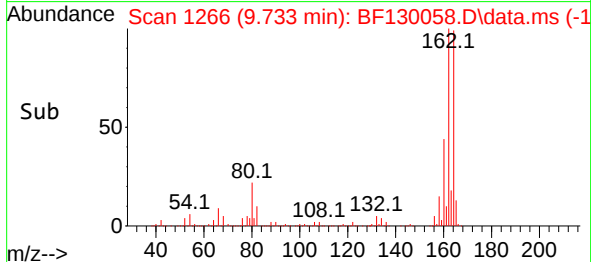
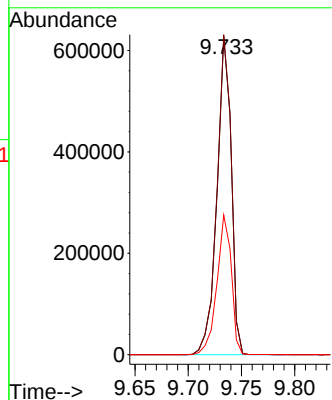
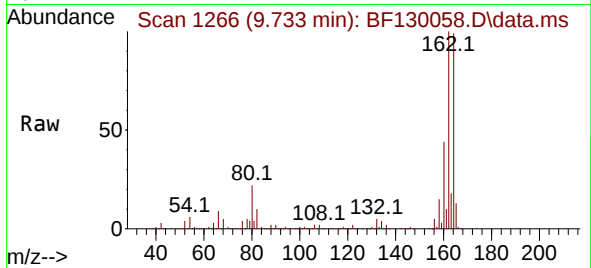




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

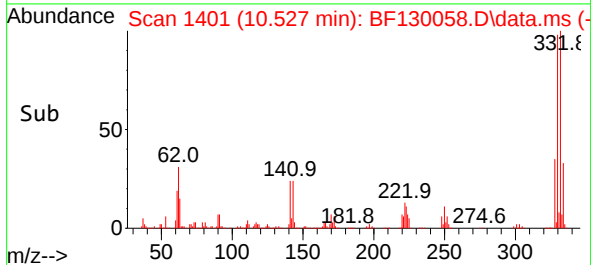
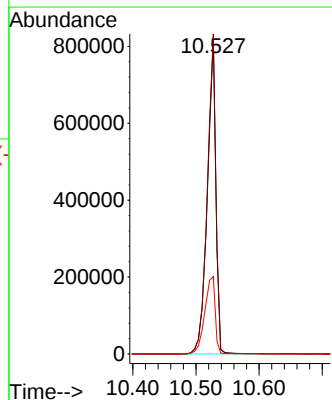
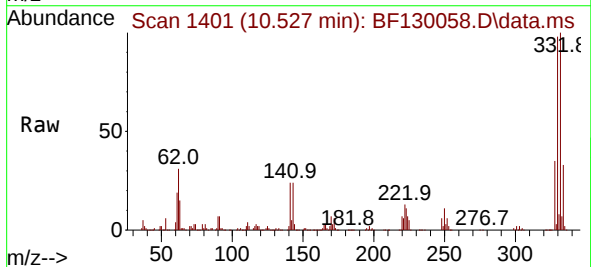
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BNA_F
ClientSampleId :
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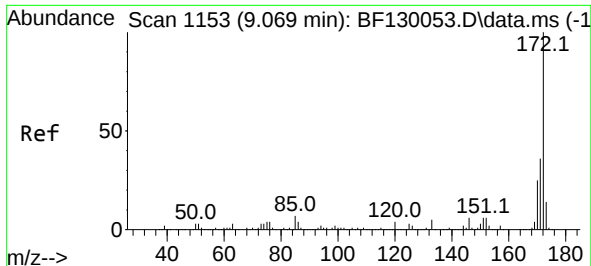
Tgt Ion:164 Resp: 585513
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 144.736 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion:330 Resp: 771414
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 30.2 27.6 41.4

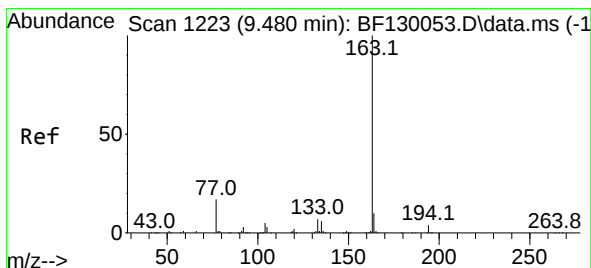
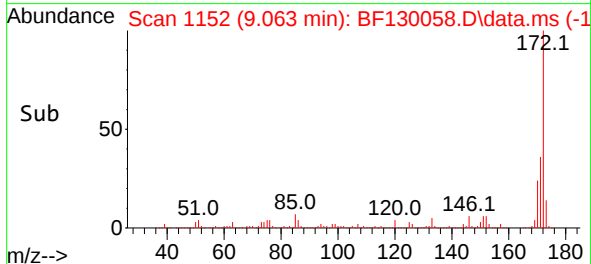
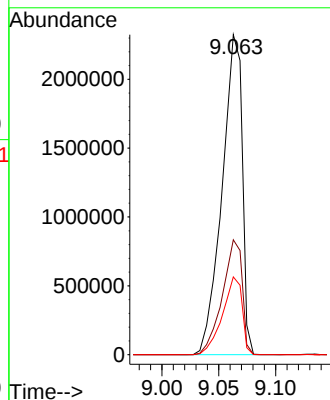
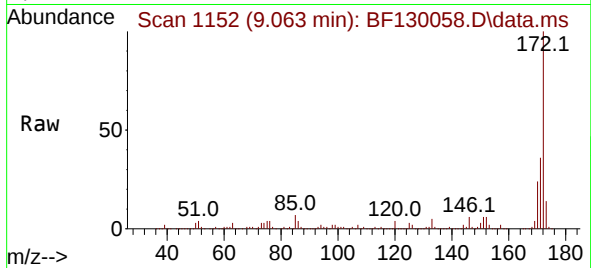




#45
2-Fluorobiphenyl
Concen: 81.263 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

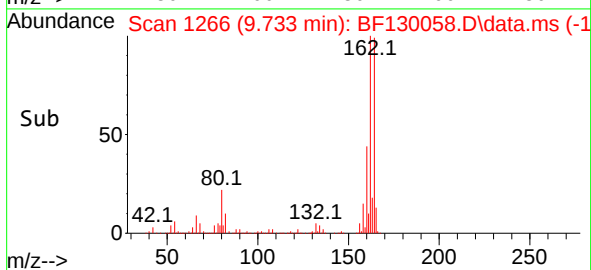
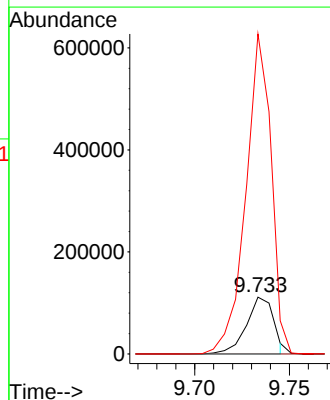
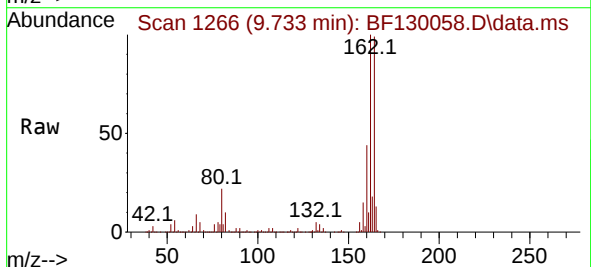
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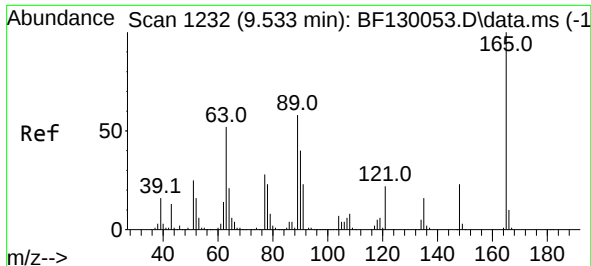
Tgt Ion:172 Resp: 2869814
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.3 19.1 28.7



#50
Dimethylphthalate
Concen: 2.796 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion:163 Resp: 111499
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 563.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.915 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130058.D

Acq: 31 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

PB147199BL

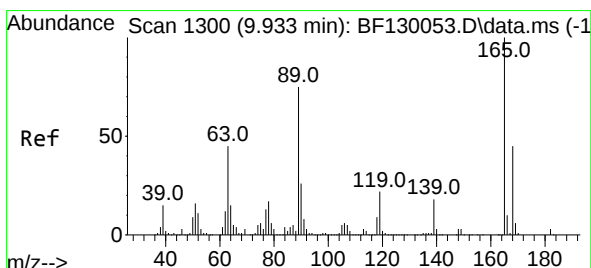
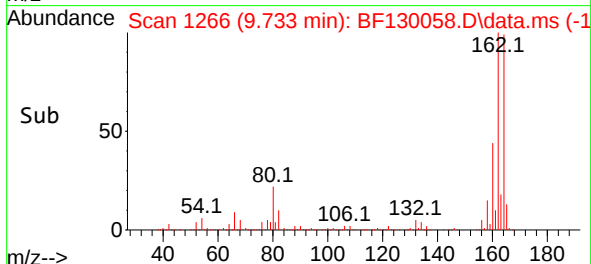
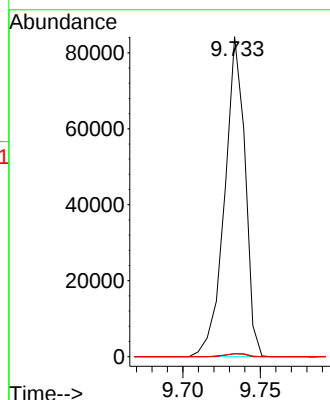
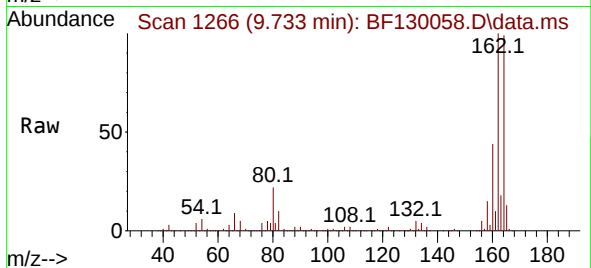
Tgt Ion:165 Resp: 77097

Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.612 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130058.D

Acq: 31 Aug 2022 18:56

Tgt Ion:165 Resp: 77097

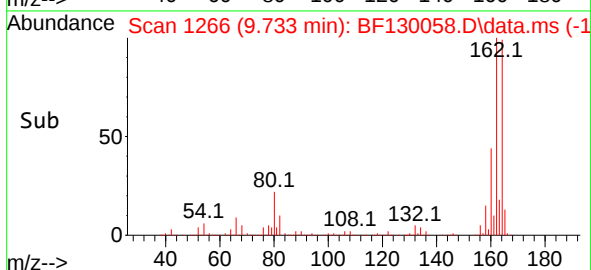
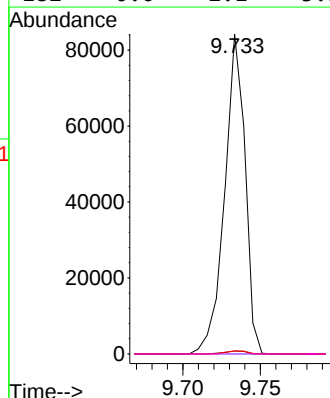
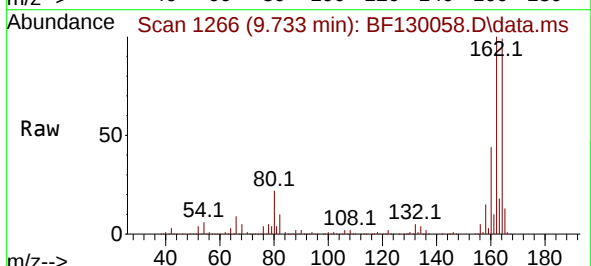
Ion Ratio Lower Upper

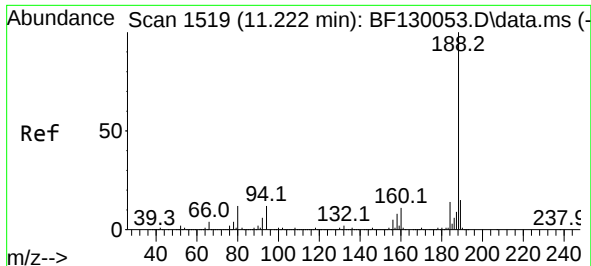
165 100

63 0.9 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

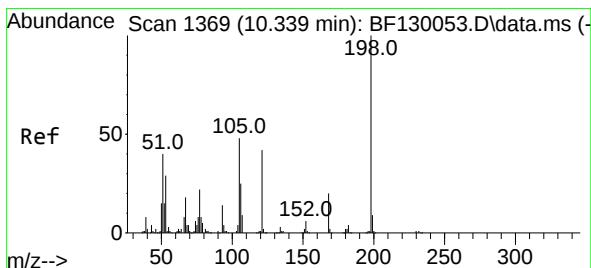
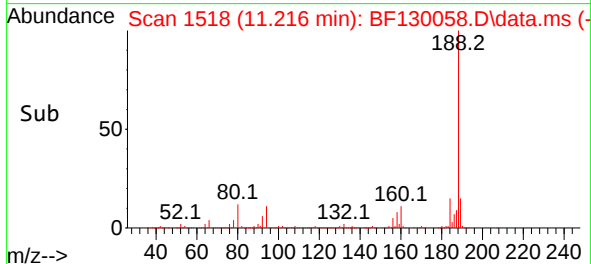
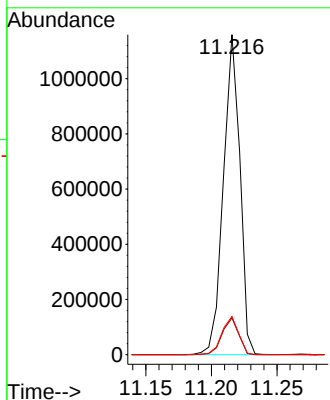
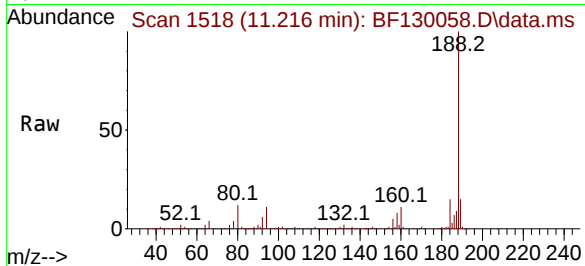




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

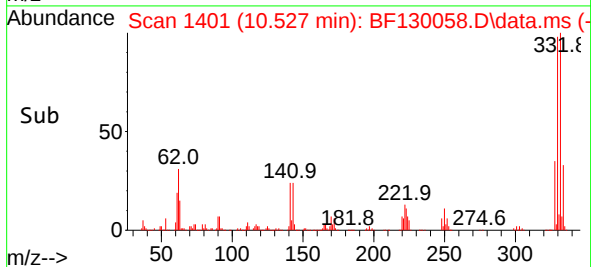
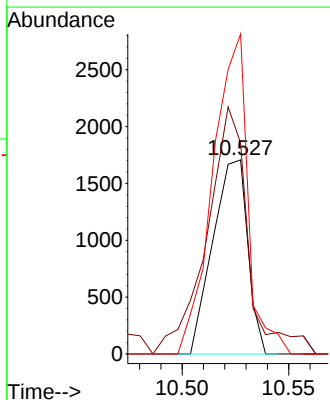
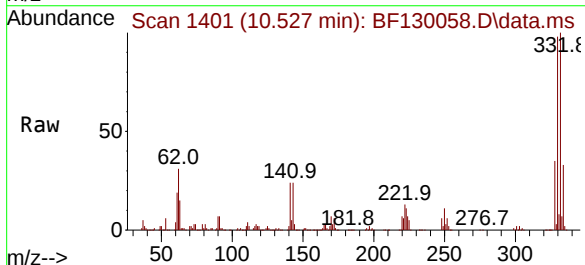
Instrument :
BNA_F
ClientSampleId :
PB147199BL

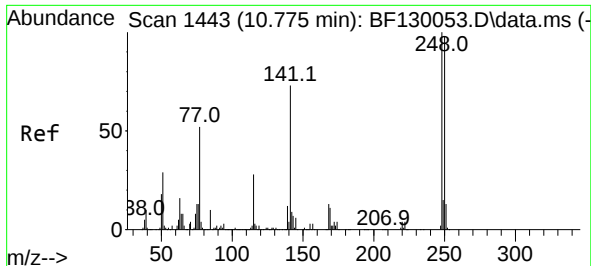
Tgt Ion:188 Resp: 1011947
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.2#
80 11.9 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.435 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.188 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion:198 Resp: 1936
Ion Ratio Lower Upper
198 100
51 108.8 29.4 69.4#
105 164.9 29.2 69.2#

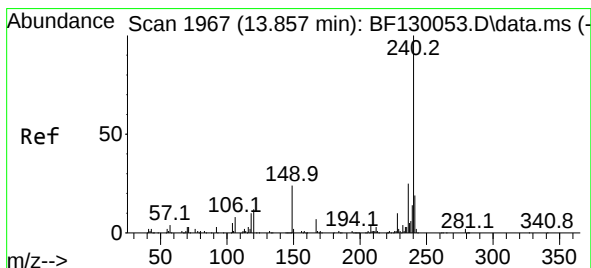
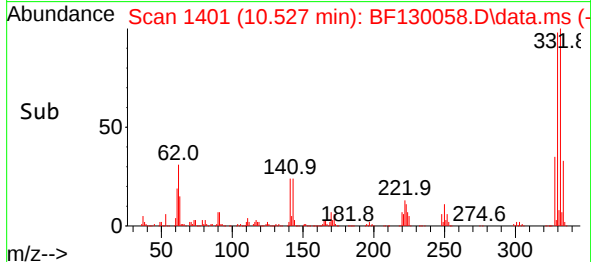
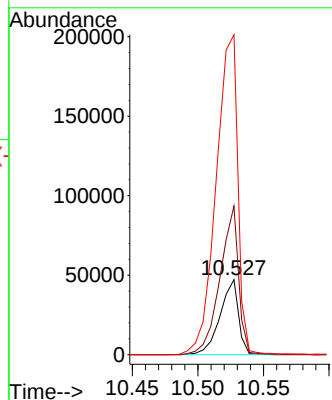
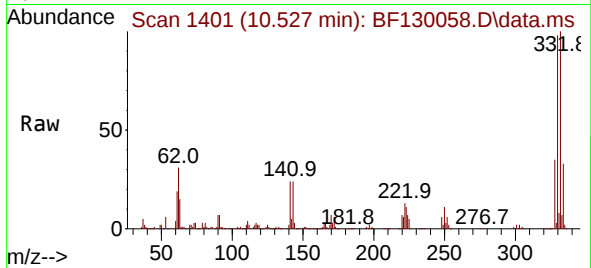




#67
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 10.527 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

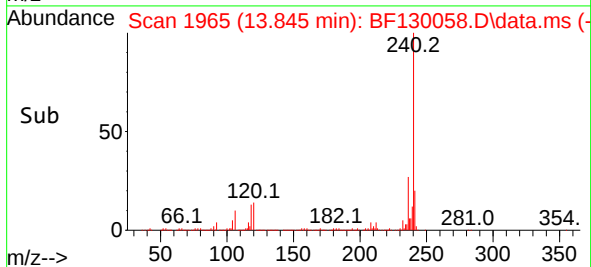
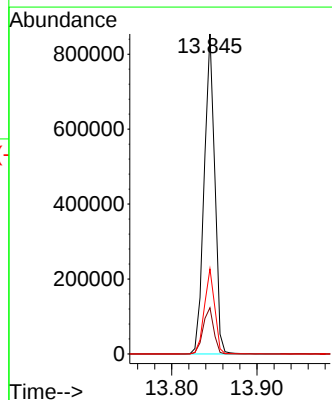
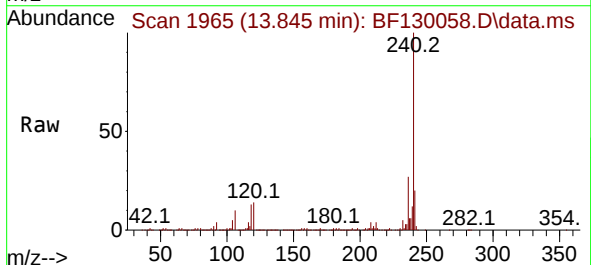
Instrument :
BNA_F
ClientSampleId :
PB147199BL

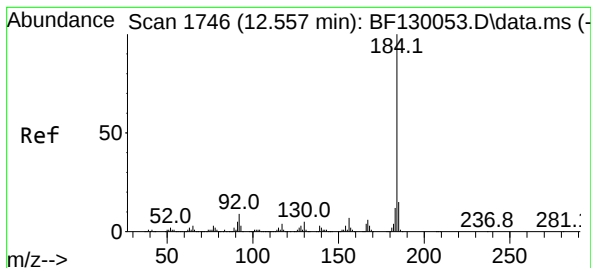
Tgt Ion:248 Resp: 46103
Ion Ratio Lower Upper
248 100
250 198.0 77.8 116.6#
141 426.4 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Tgt Ion:240 Resp: 735945
Ion Ratio Lower Upper
240 100
120 14.5 9.2 13.8#
236 26.6 20.7 31.1





#77

Benzidine

Concen: 2.153 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.253 min

Lab File: BF130058.D

Acq: 31 Aug 2022 18:56

Instrument :

BNA_F

ClientSampleId :

PB147199BL

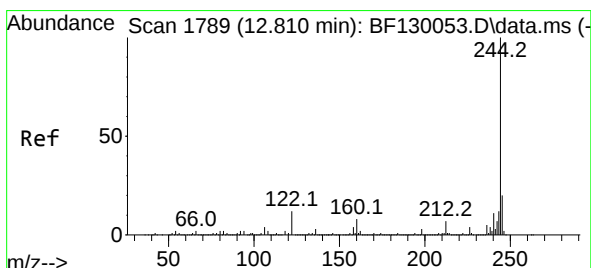
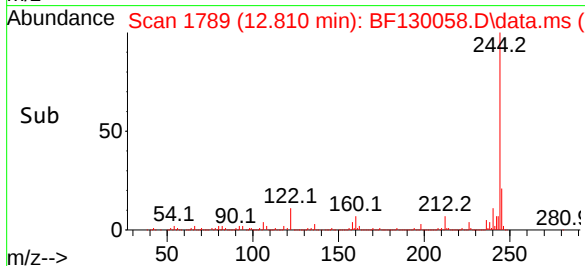
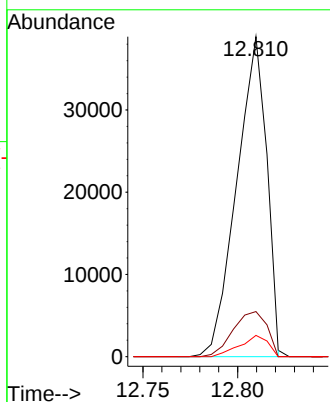
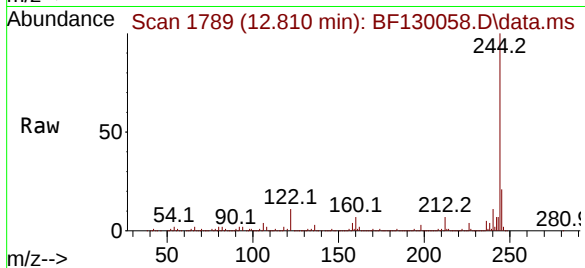
Tgt Ion:184 Resp: 42787

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.2

183 6.6 9.4 14.2#



#79

Terphenyl-d14

Concen: 74.196 ng

RT: 12.810 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BF130058.D

Acq: 31 Aug 2022 18:56

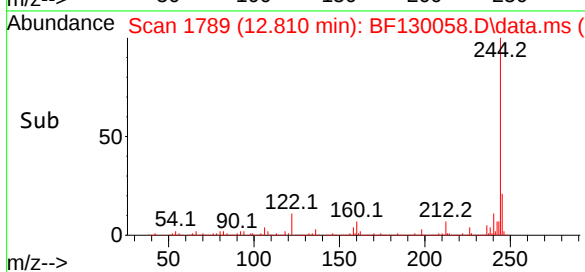
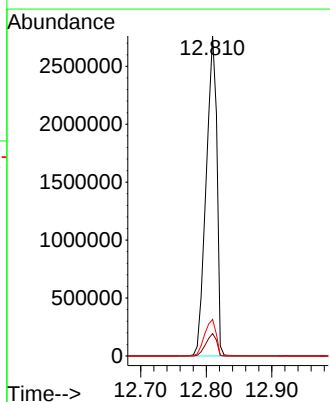
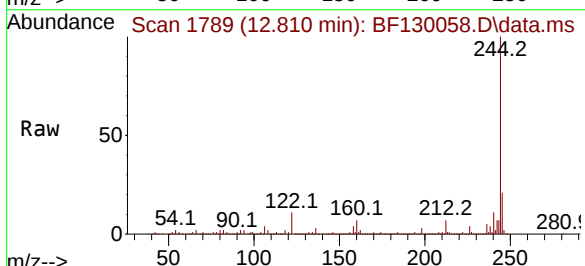
Tgt Ion:244 Resp: 3148818

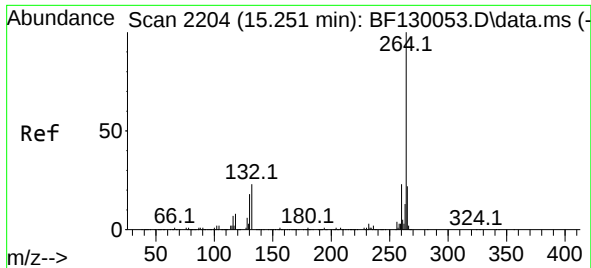
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.5 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130058.D
Acq: 31 Aug 2022 18:56

Instrument :
BNA_F
ClientSampleId :
PB147199BL

Tgt Ion:264 Resp: 601761
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.1 16.7 25.1

