

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130193.D
 Acq On : 09 Sep 2022 12:52
 Operator : CG\JU
 Sample : PB147529BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147529BL

Quant Time: Sep 09 23:45:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

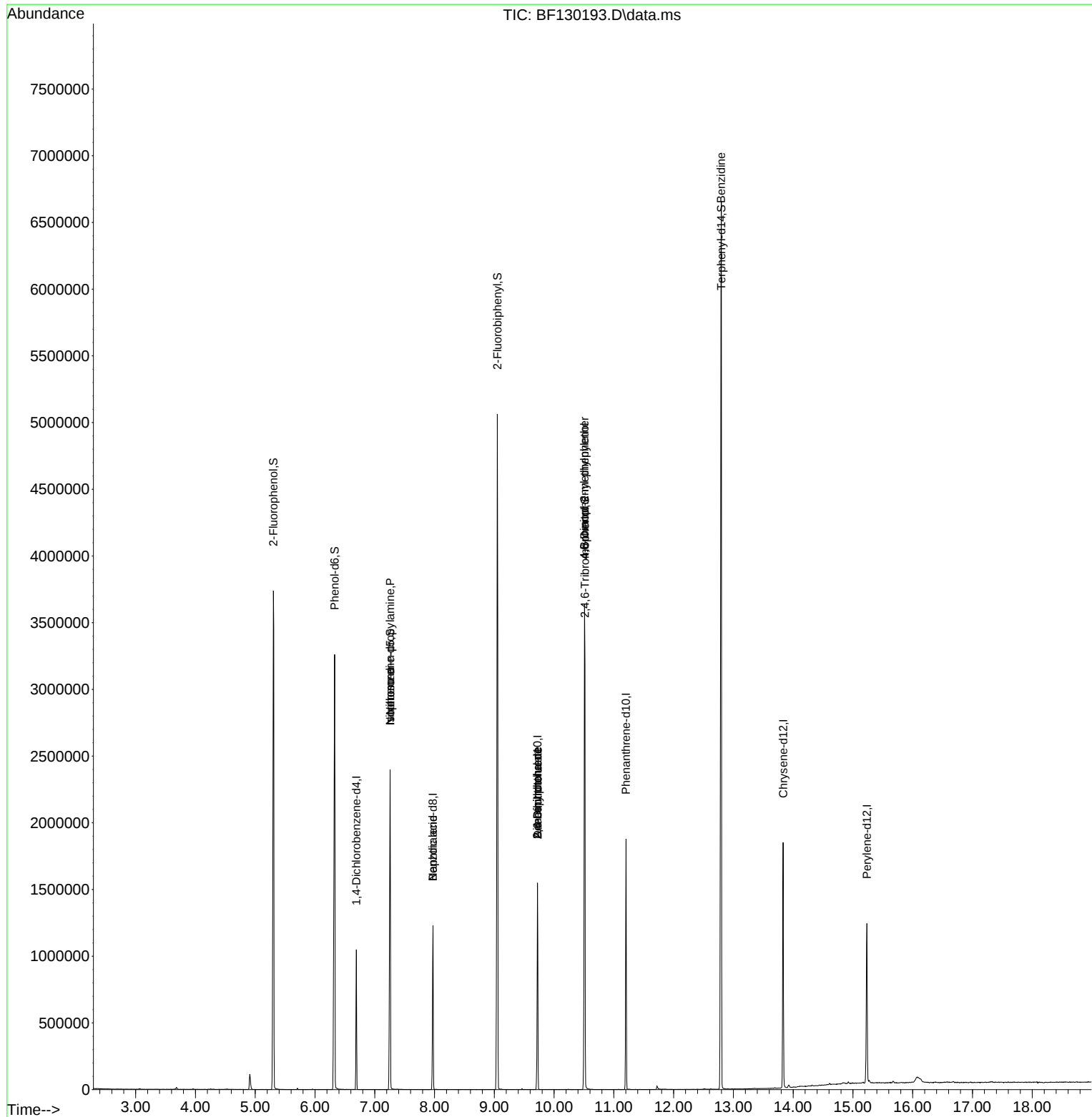
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	142688	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	568587	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	325880	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	617738	20.000	ng	0.00
76) Chrysene-d12	13.833	240	575562	20.000	ng	-0.01
86) Perylene-d12	15.233	264	497976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1274970	151.692	ng	0.00
7) Phenol-d6	6.328	99	1408490	134.415	ng	0.00
23) Nitrobenzene-d5	7.257	82	871518	98.506	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	507981	171.244	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1751301	89.100	ng	0.00
79) Terphenyl-d14	12.798	244	2646002	79.722	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	113247	17.939	ng	# 73
25) Isophorone	7.257	82	858938	47.966	ng	# 65
32) Benzoic acid	7.975	122	61	6.581	ng	# 1
50) Dimethylphthalate	9.722	163	60296	2.716	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	40859	9.441	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	40859	8.201	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.510	198	1110	6.414	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	31501	4.585	ng	# 1
77) Benzidine	12.792	184	36338	2.338	ng	# 92

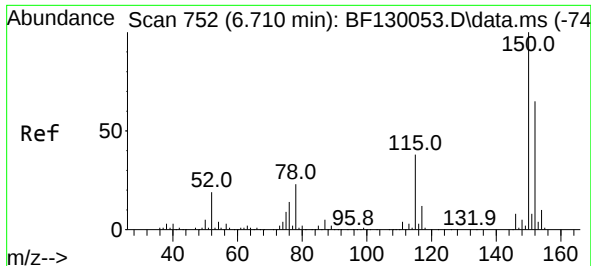
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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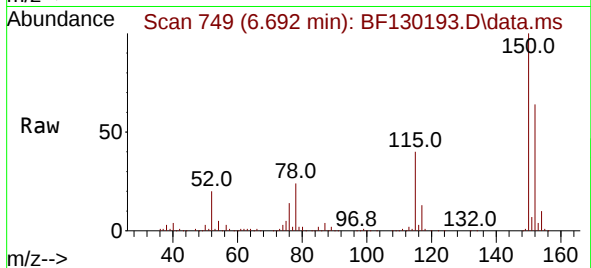
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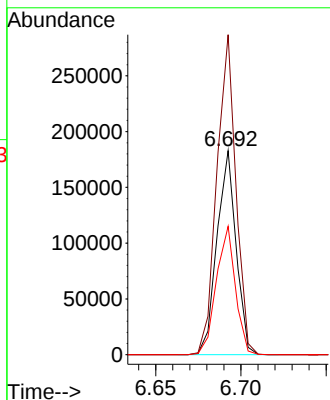
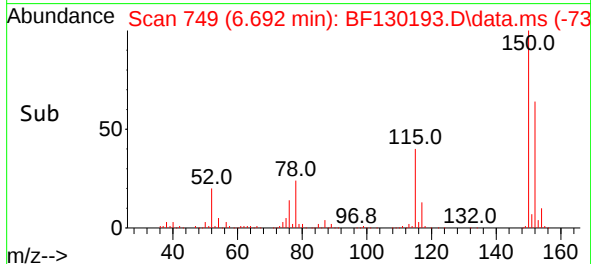


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Instrument :
BNA_F
ClientSampleId :
PB147529BL

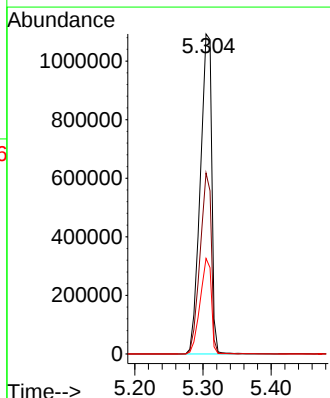
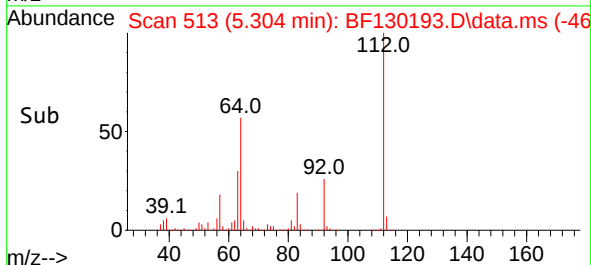
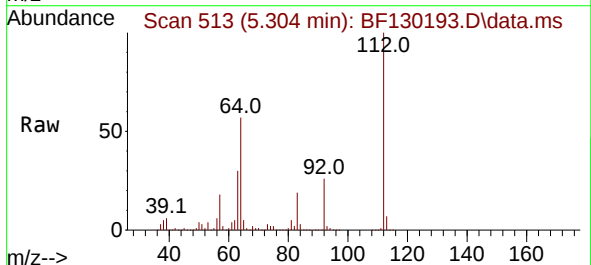


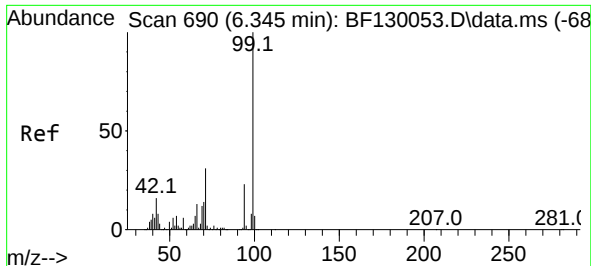
Tgt Ion:152 Resp: 142688
Ion Ratio Lower Upper
152 100
150 156.9 126.9 190.3
115 62.9 53.4 80.0



#5
2-Fluorophenol
Concen: 151.692 ng
RT: 5.304 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Tgt Ion:112 Resp: 1274970
Ion Ratio Lower Upper
112 100
64 56.5 47.6 71.4
63 29.9 24.6 37.0

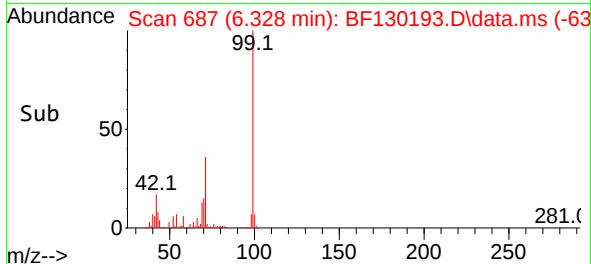
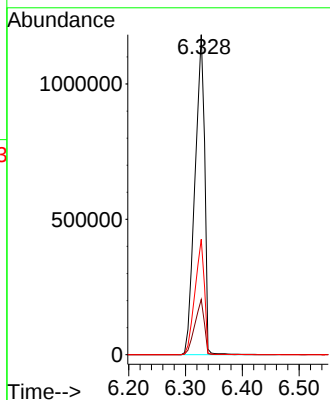
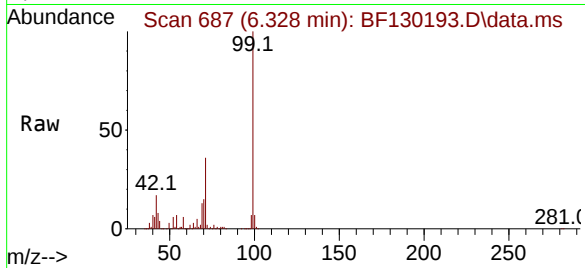




#7
Phenol-d6
Concen: 134.415 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

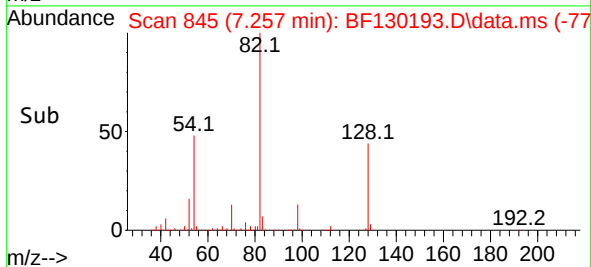
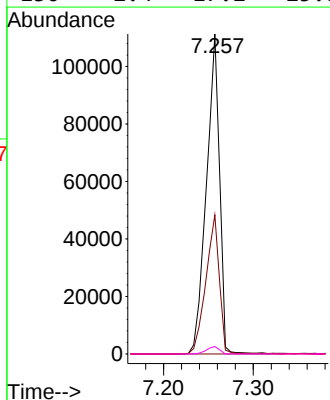
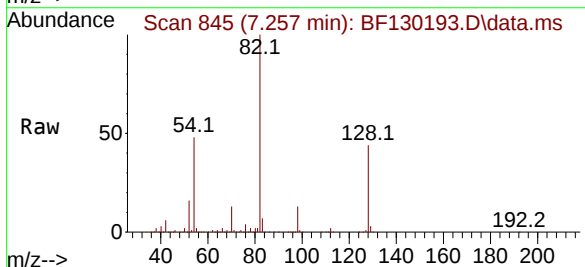
Instrument :
BNA_F
ClientSampleId :
PB147529BL

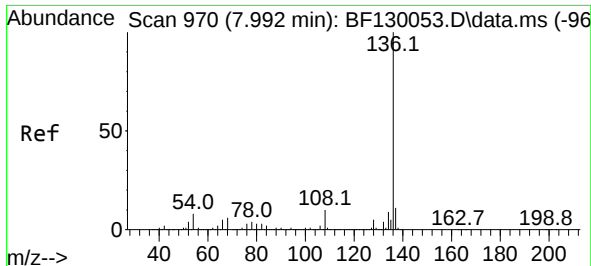
Tgt Ion: 99 Resp: 1408490
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 36.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.939 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Tgt Ion: 70 Resp: 113247
Ion Ratio Lower Upper
70 100
42 43.4 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

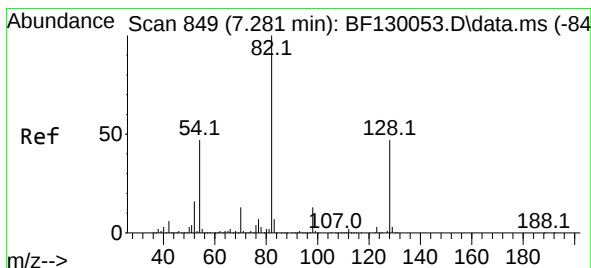
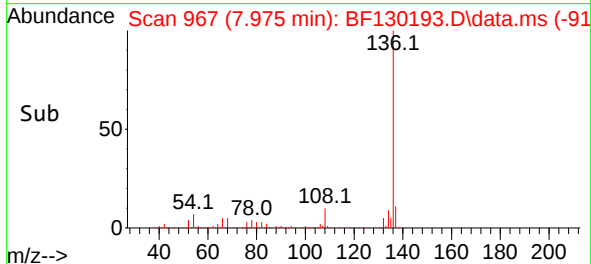
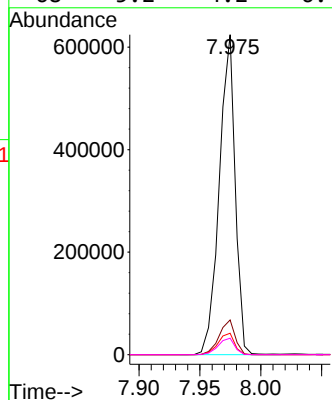
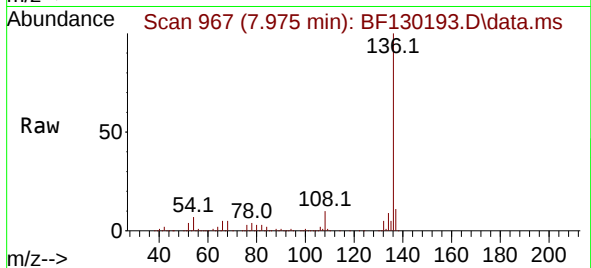




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

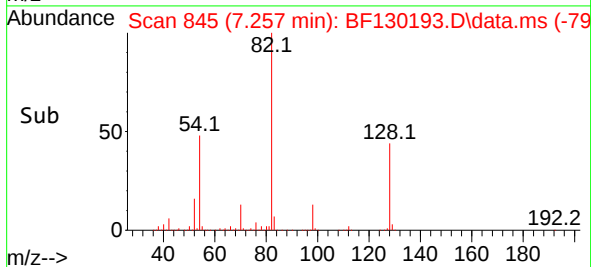
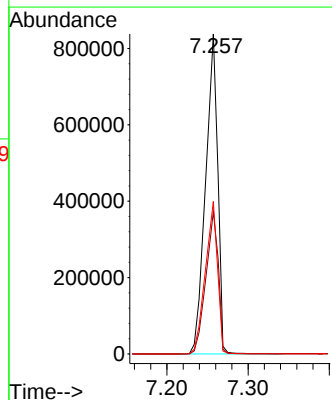
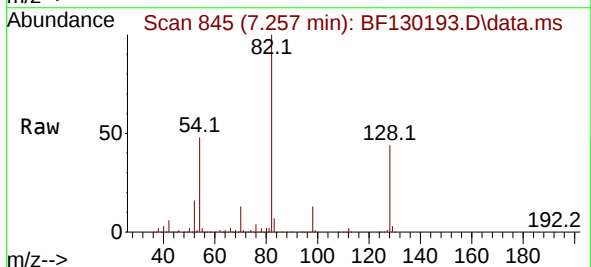
Instrument :
BNA_F
ClientSampleId :
PB147529BL

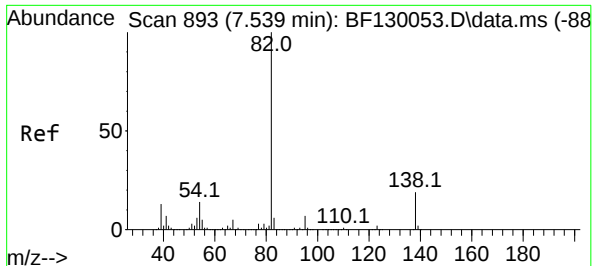
Tgt Ion:136 Resp: 568587
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 6.2 9.2
68 5.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 98.506 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Tgt Ion: 82 Resp: 871518
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 47.6 40.0 60.0

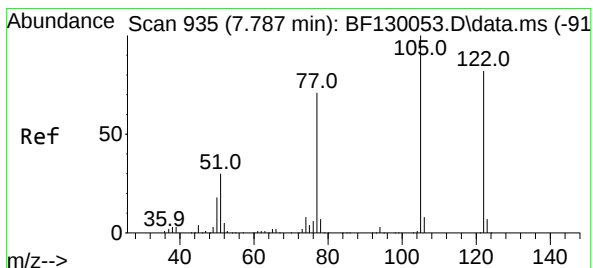
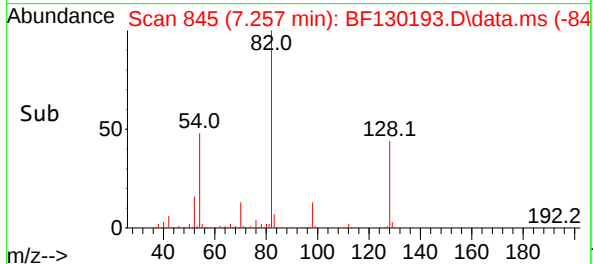
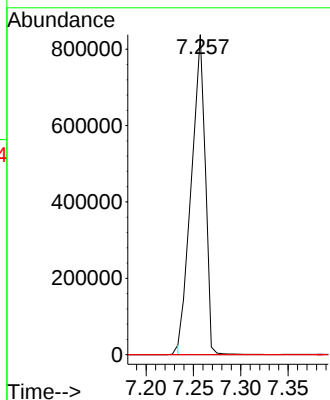
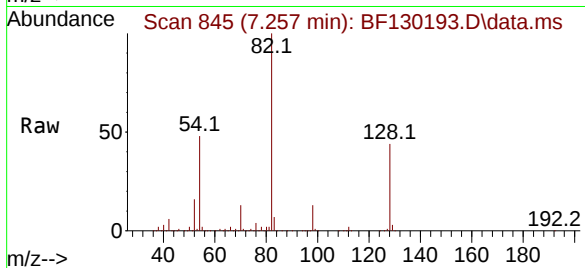




#25
Isophorone
Concen: 47.966 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

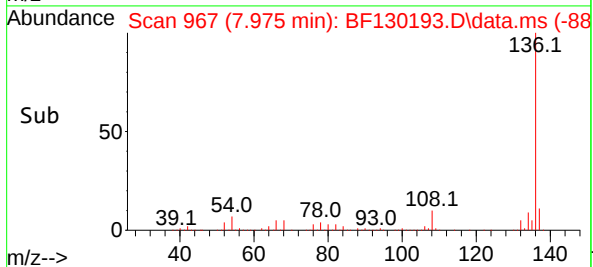
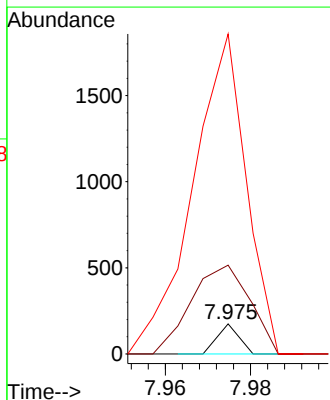
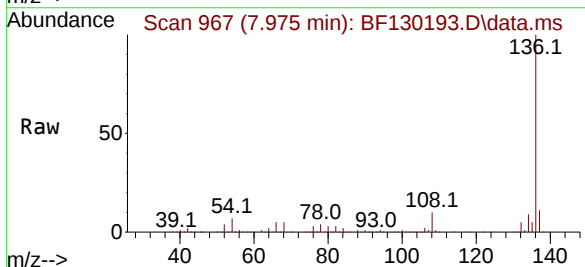
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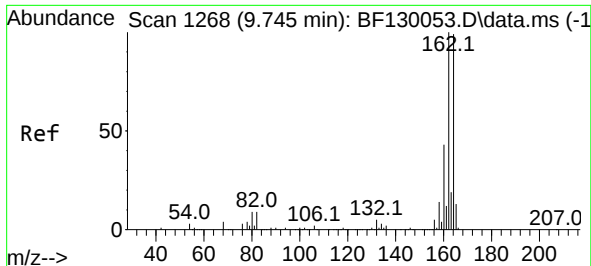
Tgt Ion: 82 Resp: 858938
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.581 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 296.0 99.9 139.9#
77 1067.8 65.9 105.9#

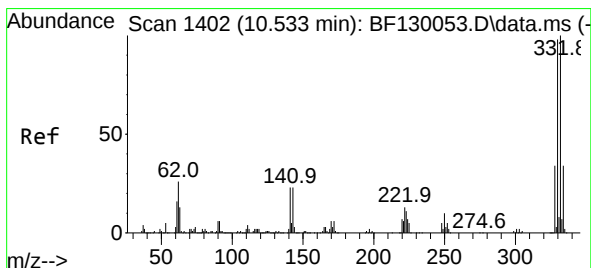
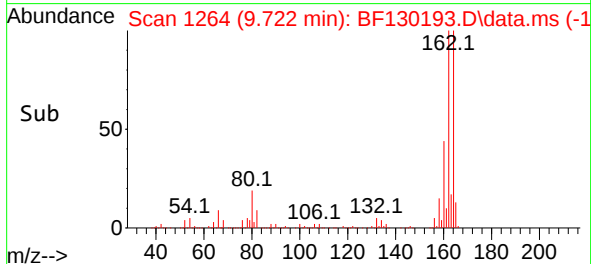
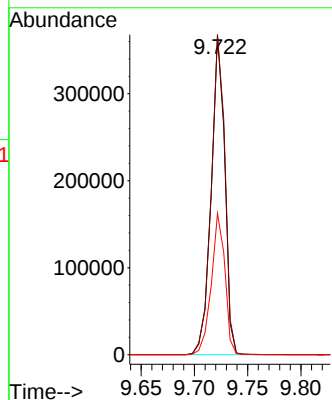
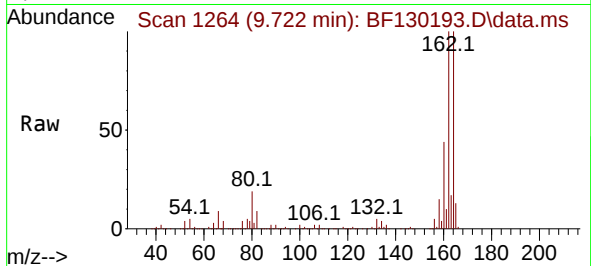




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

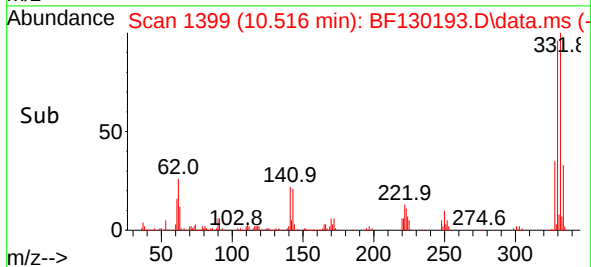
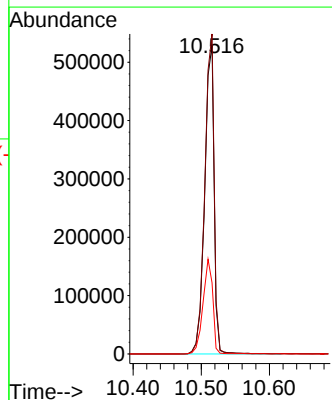
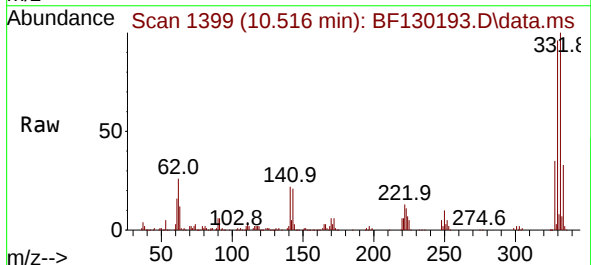
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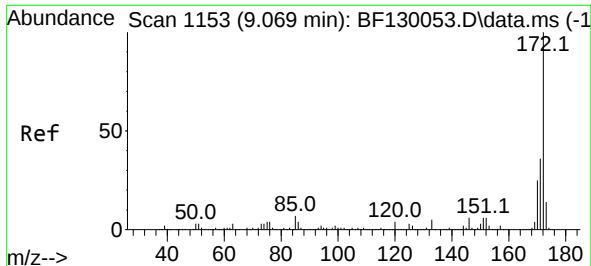
Tgt Ion:164 Resp: 325880
Ion Ratio Lower Upper
164 100
162 99.9 82.0 123.0
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 171.244 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Tgt Ion:330 Resp: 507981
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 31.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 89.100 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB147529BL

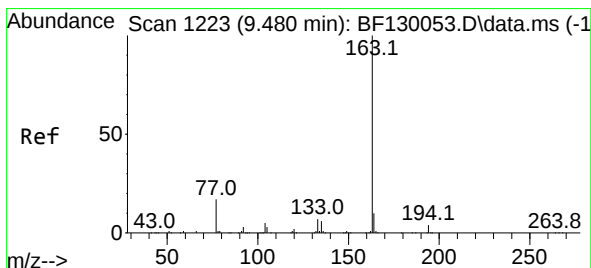
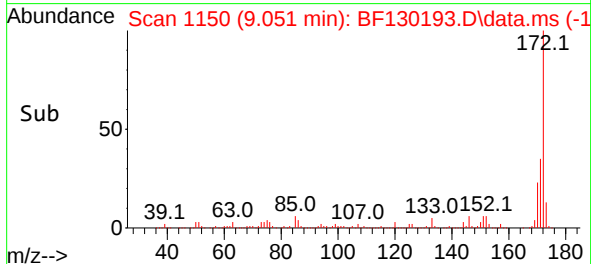
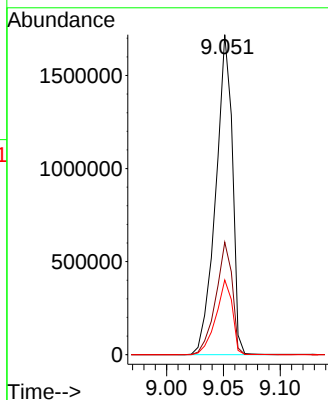
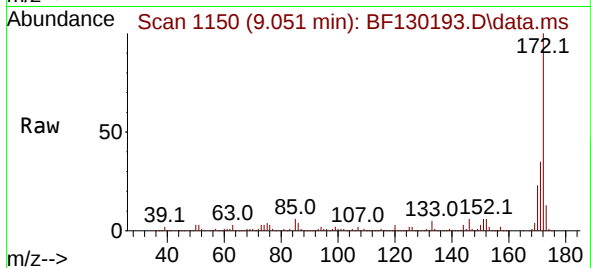
Tgt Ion:172 Resp: 1751301

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.716 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.253 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

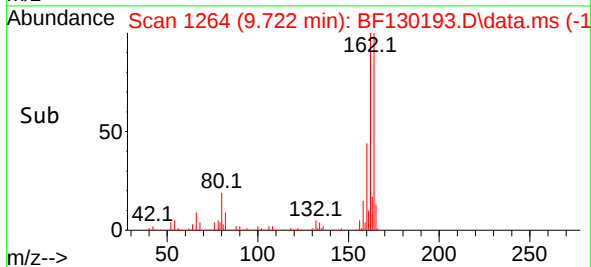
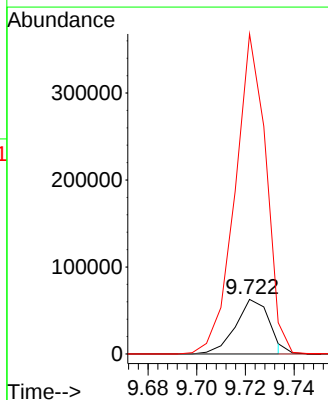
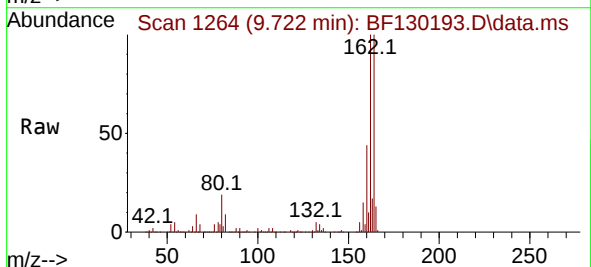
Tgt Ion:163 Resp: 60296

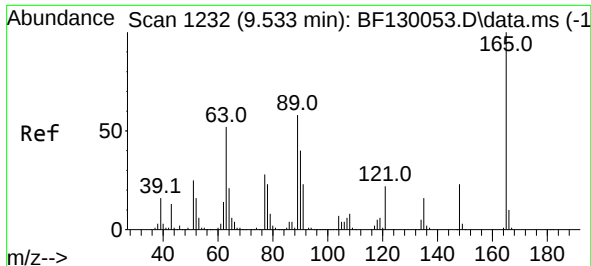
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 585.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.441 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

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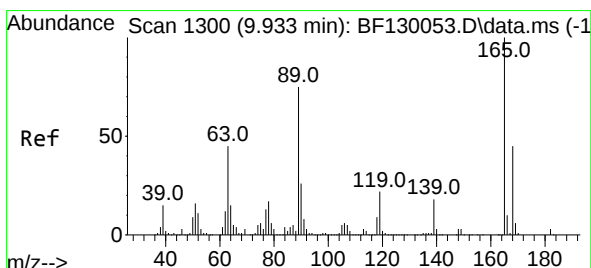
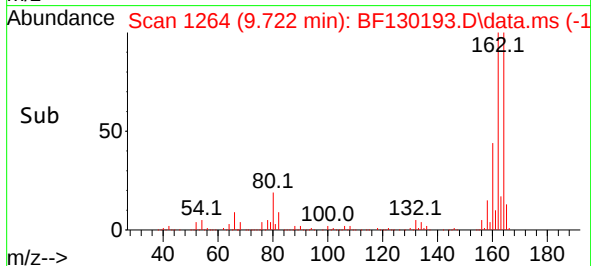
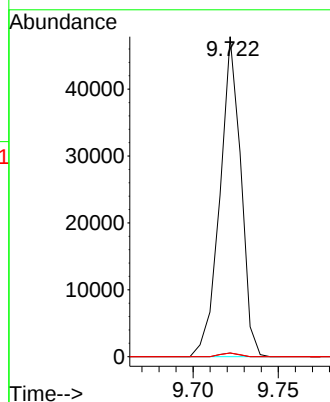
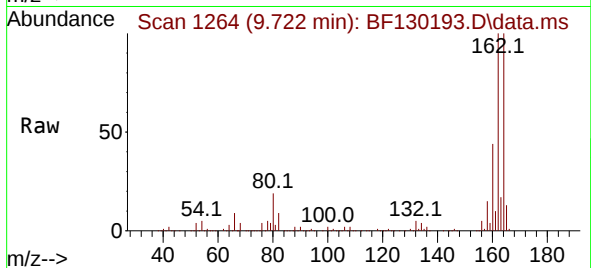
Tgt Ion:165 Resp: 40859

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.201 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

Tgt Ion:165 Resp: 40859

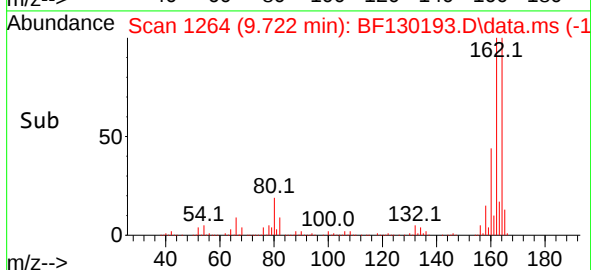
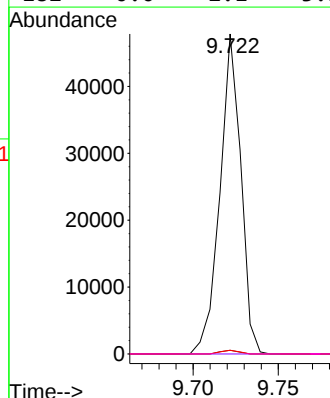
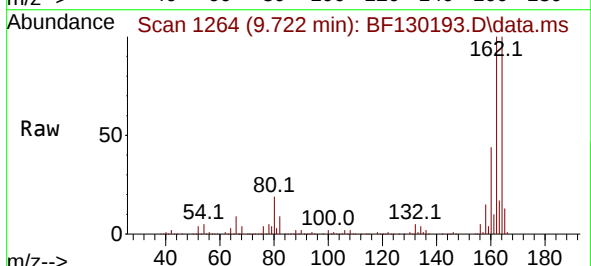
Ion Ratio Lower Upper

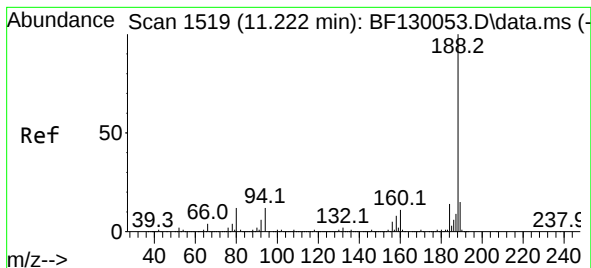
165 100

63 1.1 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

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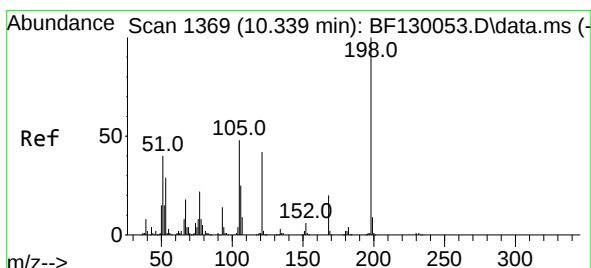
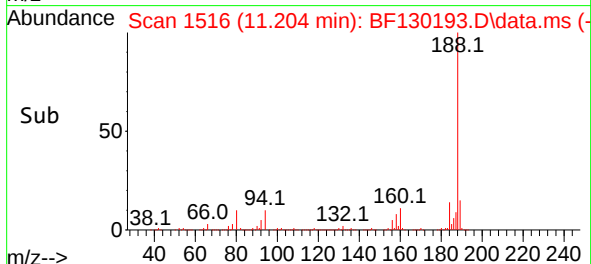
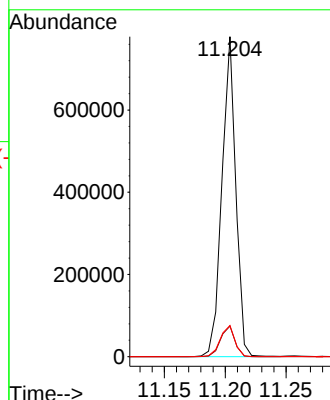
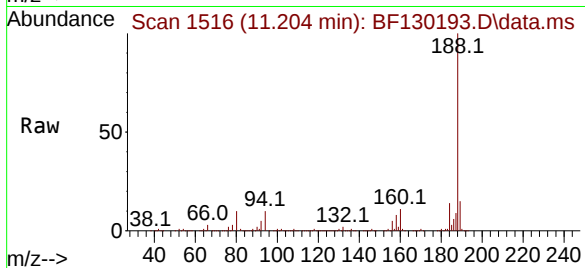
Tgt Ion:188 Resp: 617738

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 9.8 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.414 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

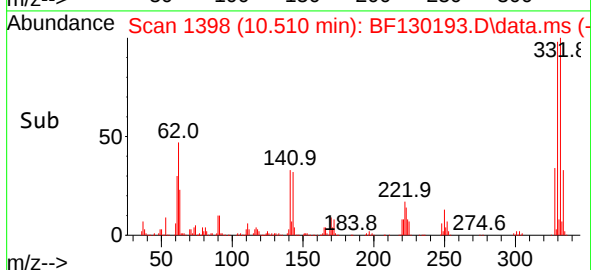
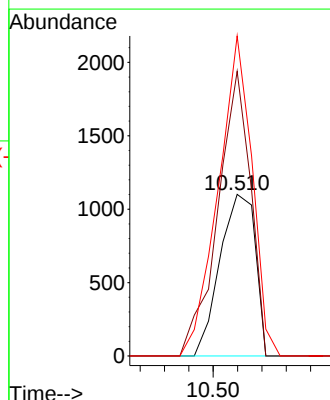
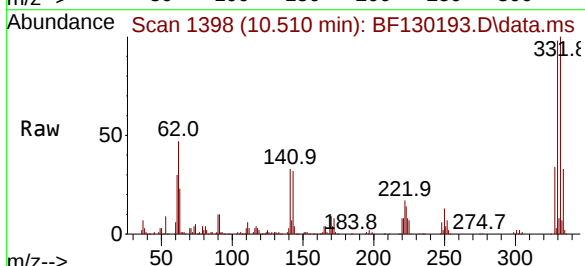
Tgt Ion:198 Resp: 1110

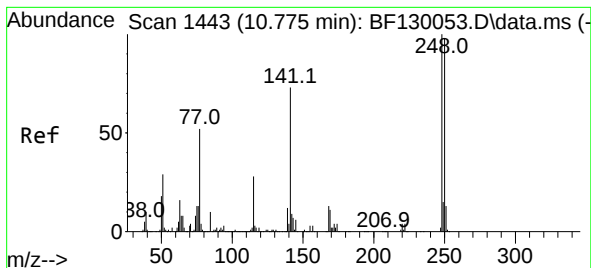
Ion Ratio Lower Upper

198 100

51 176.1 29.4 69.4#

105 198.0 29.2 69.2#

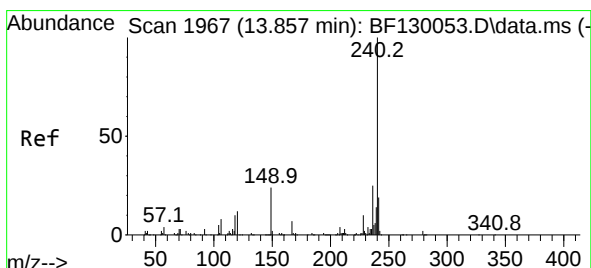
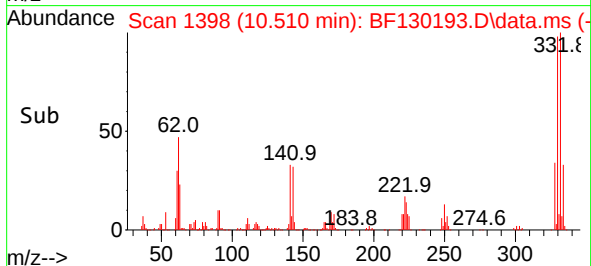
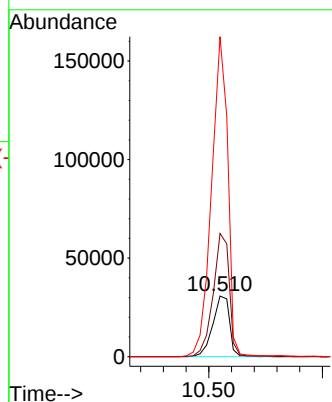
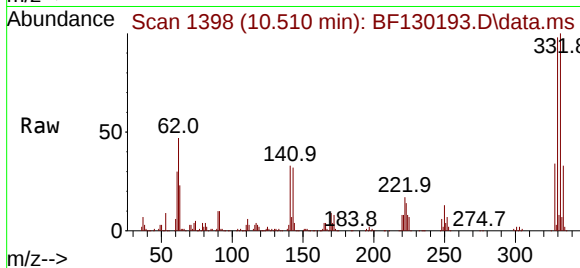




#67
4-Bromophenyl-phenylether
Concen: 4.585 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

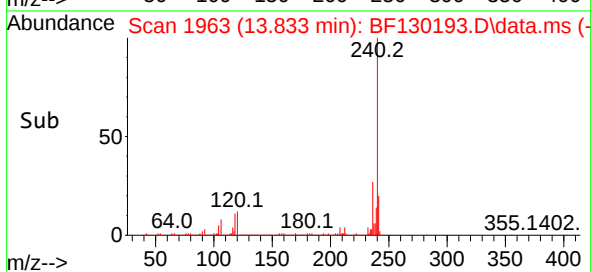
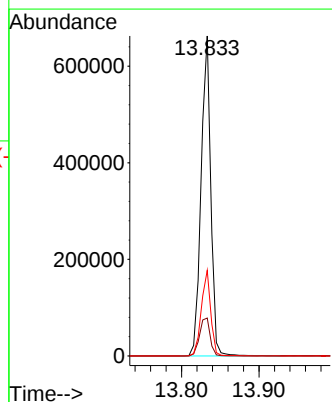
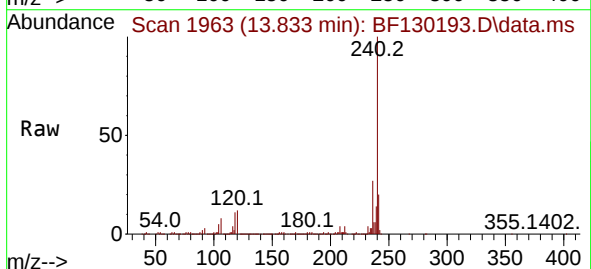
Instrument :
BNA_F
ClientSampleId :
PB147529BL

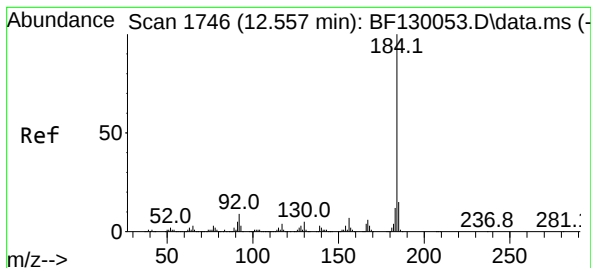
Tgt Ion:248 Resp: 31501
Ion Ratio Lower Upper
248 100
250 203.3 77.8 116.6#
141 528.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Tgt Ion:240 Resp: 575562
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.8 20.7 31.1





#77

Benzidine

Concen: 2.338 ng

RT: 12.792 min Scan# 1

Delta R.T. 0.247 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB147529BL

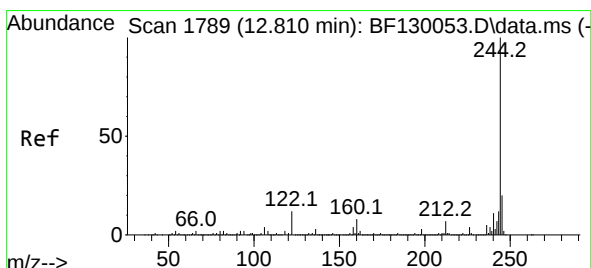
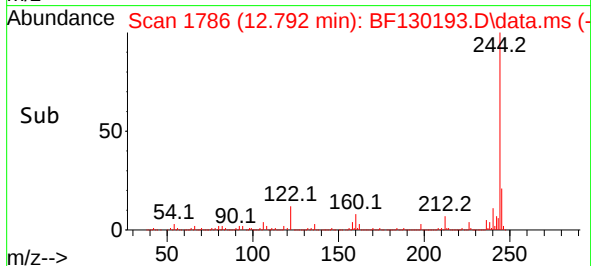
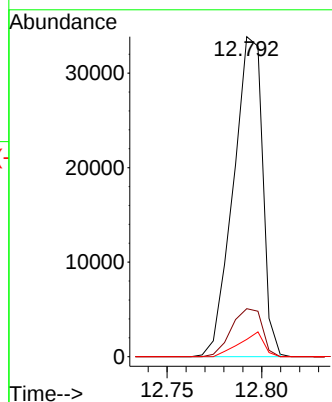
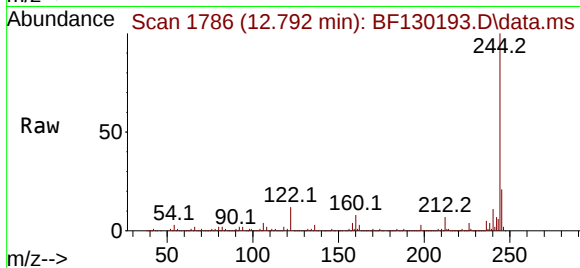
Tgt Ion:184 Resp: 36338

Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.2

183 5.4 9.4 14.2#



#79

Terphenyl-d14

Concen: 79.722 ng

RT: 12.798 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BF130193.D

Acq: 09 Sep 2022 12:52

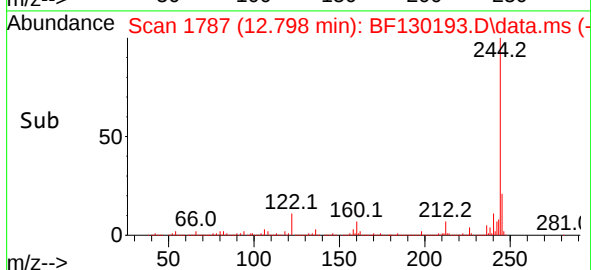
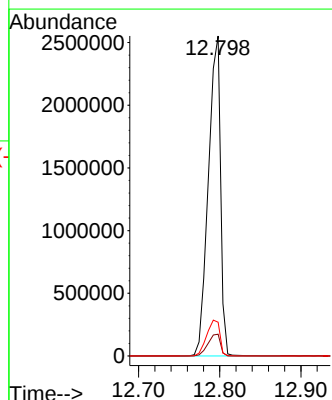
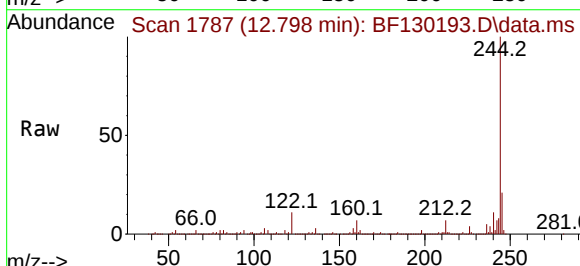
Tgt Ion:244 Resp: 2646002

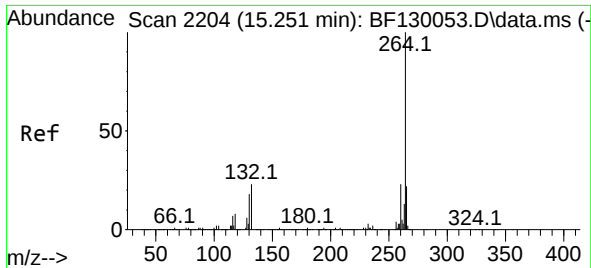
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

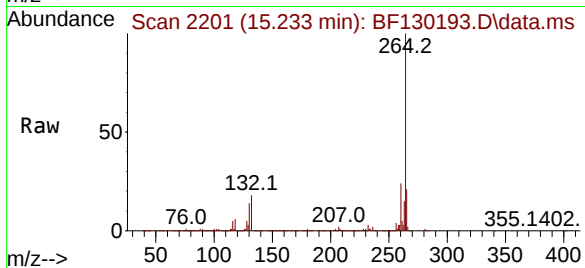
122 10.5 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130193.D
Acq: 09 Sep 2022 12:52

Instrument :
BNA_F
ClientSampleId :
PB147529BL



Tgt Ion:264 Resp: 497976
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.5 16.7 25.1

