

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130160.D
 Acq On : 07 Sep 2022 14:00
 Operator : CG\JU
 Sample : N4446-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Sep 08 02:47:53 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)

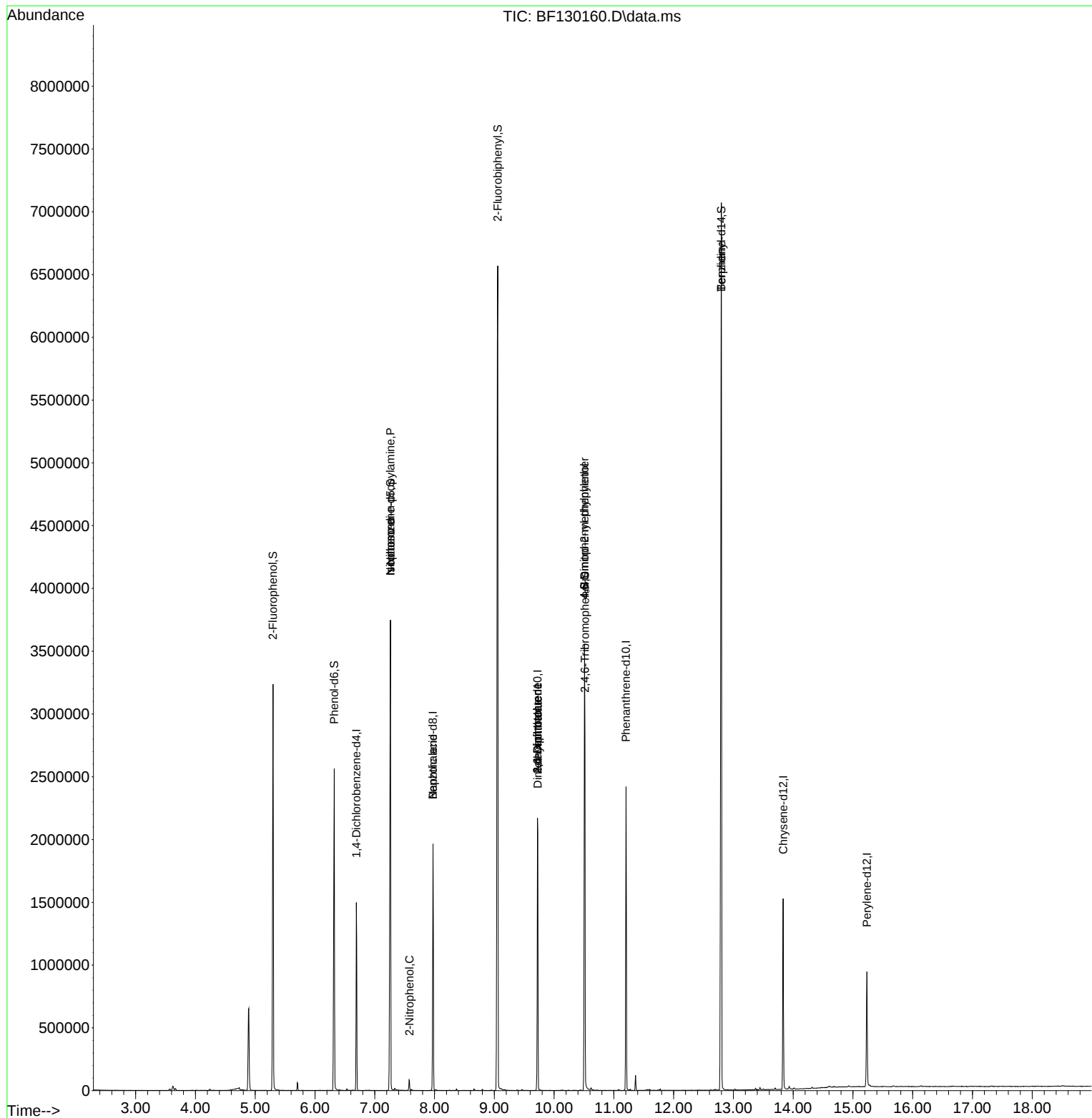
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	214363	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	864218	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	465131	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	810437	20.000	ng	0.00
76) Chrysene-d12	13.833	240	450169	20.000	ng	-0.01
86) Perylene-d12	15.233	264	363557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	943938	74.755	ng	0.00
7) Phenol-d6	6.322	99	887450	56.374	ng	-0.01
23) Nitrobenzene-d5	7.263	82	1329198	98.844	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	456573	107.835	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2380128	84.840	ng	0.00
79) Terphenyl-d14	12.798	244	2734600	105.341	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	173749	18.321	ng	# 72
25) Isophorone	7.263	82	1323709	48.634	ng	# 65
26) 2-Nitrophenol	7.581	139	412	3.557	ng	# 33
32) Benzoic acid	7.975	122	158	6.587	ng	# 1
50) Dimethylphthalate	9.727	163	86854	2.742	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	60173	9.742	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	60173	8.461	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	957	6.299	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	27090	3.005	ng	# 1
77) Benzidine	12.798	184	36870	3.034	ng	# 91

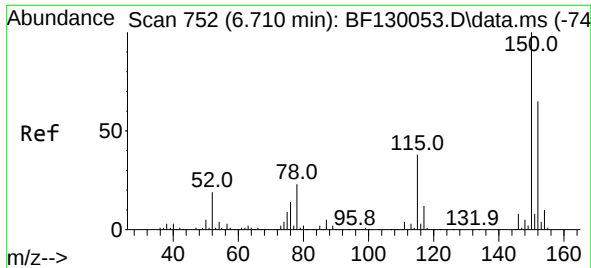
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:47:53 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

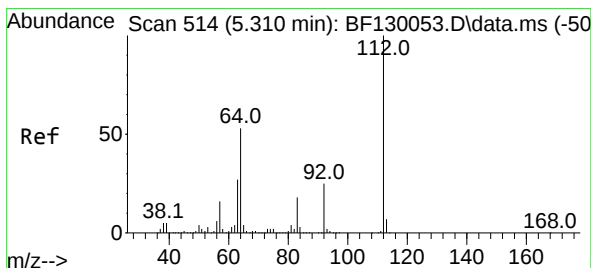
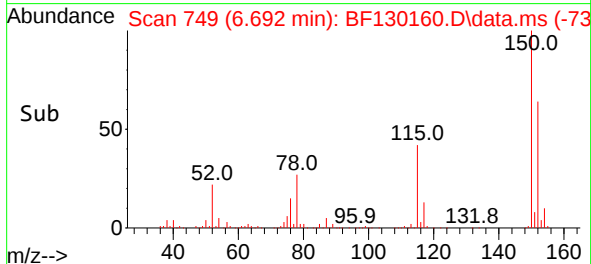
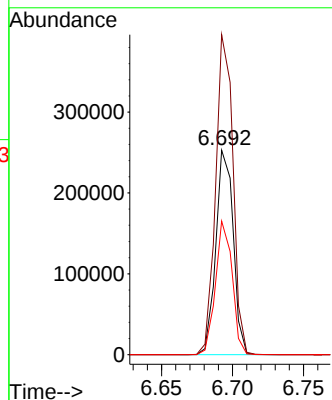
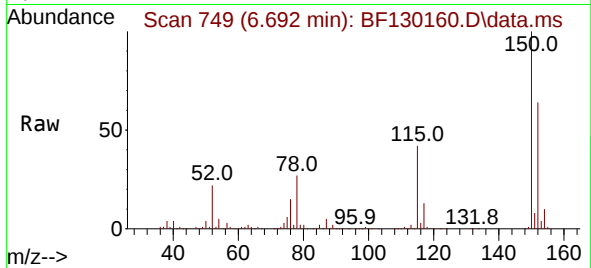




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

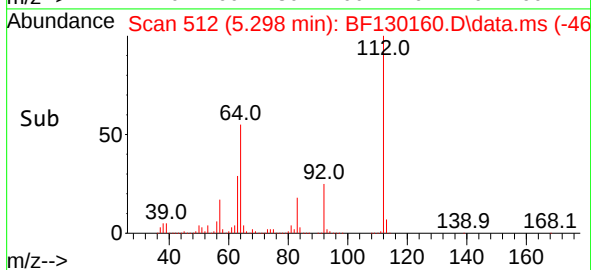
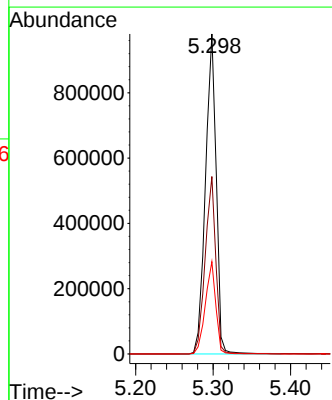
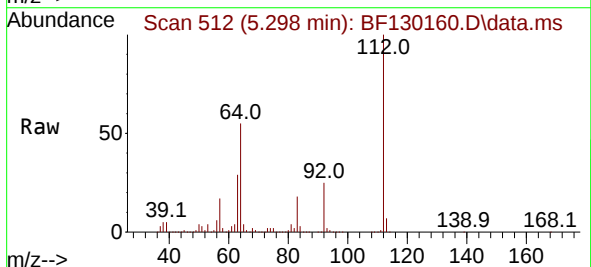
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 ClientSampleId :
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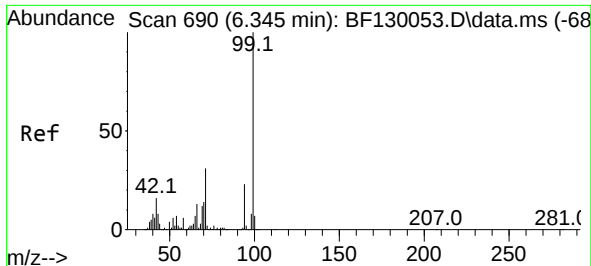
Tgt Ion:152 Resp: 214363
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.9 190.3
 115 65.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 74.755 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

Tgt Ion:112 Resp: 943938
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 28.9 24.6 37.0

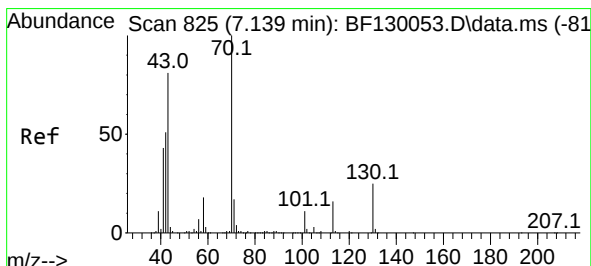
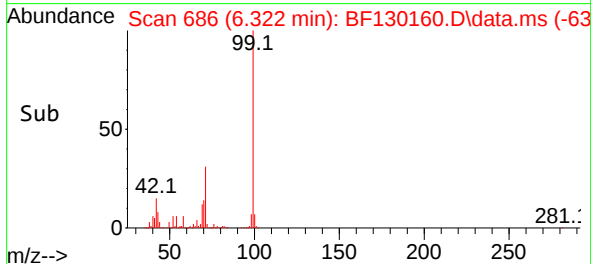
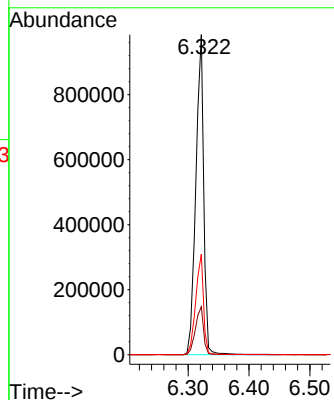
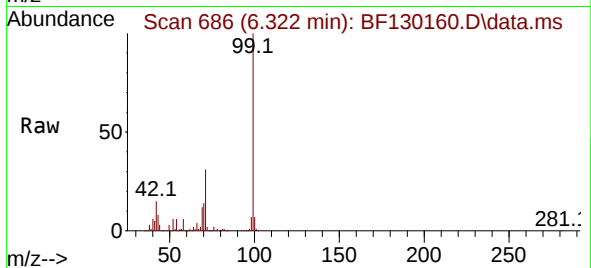




#7
Phenol-d6
Concen: 56.374 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

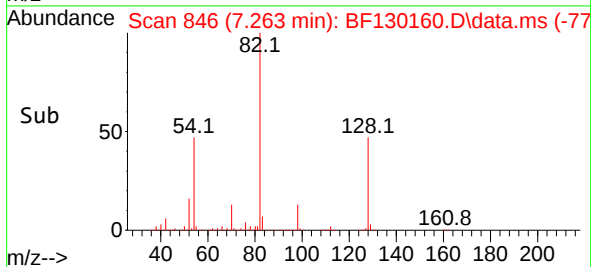
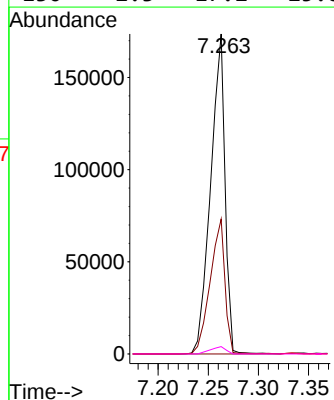
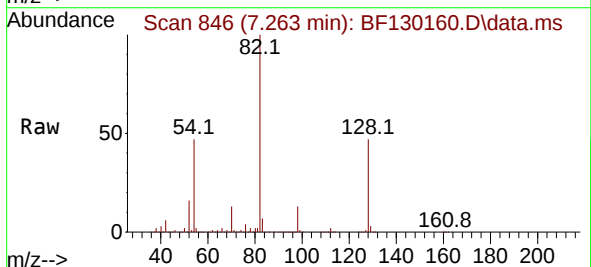
Instrument :
BNA_F
ClientSampleId :
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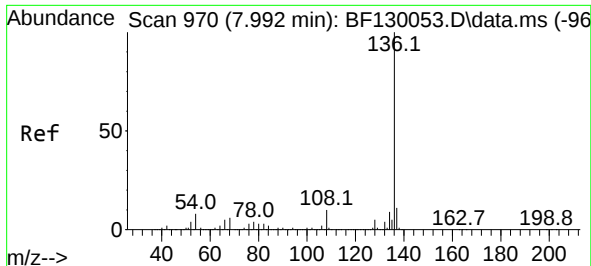
Tgt Ion: 99 Resp: 887450
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 31.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.321 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion: 70 Resp: 173749
Ion Ratio Lower Upper
70 100
42 42.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

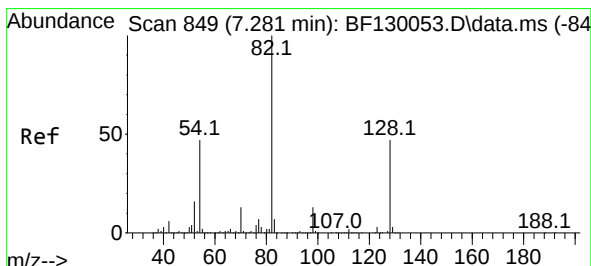
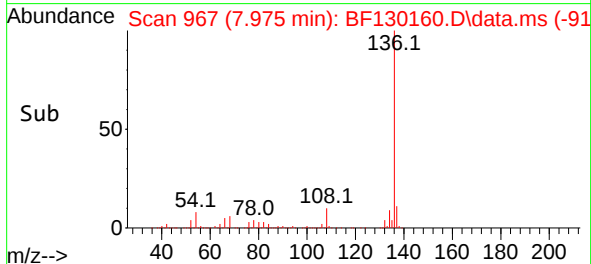
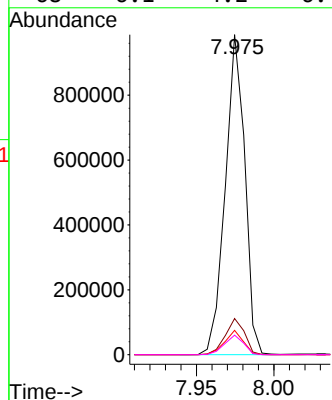
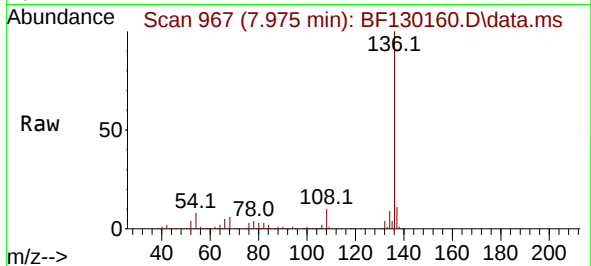




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

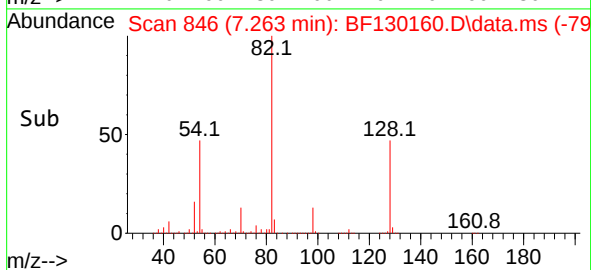
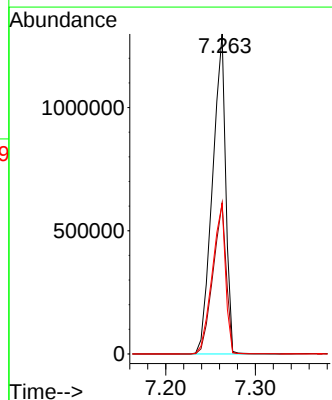
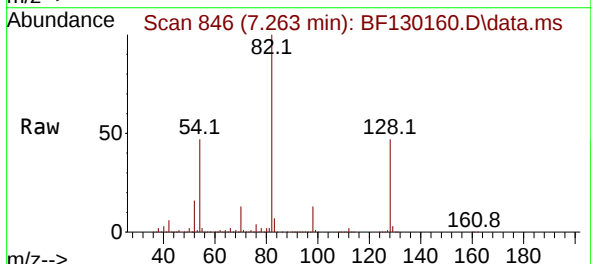
Instrument :
BNA_F
ClientSampleId :
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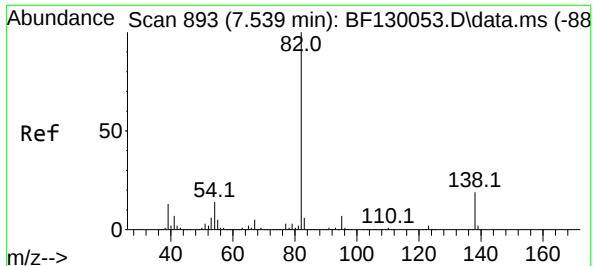
Tgt Ion:136 Resp: 864218
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.6 6.2 9.2
68 6.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 98.844 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion: 82 Resp: 1329198
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.9 40.0 60.0

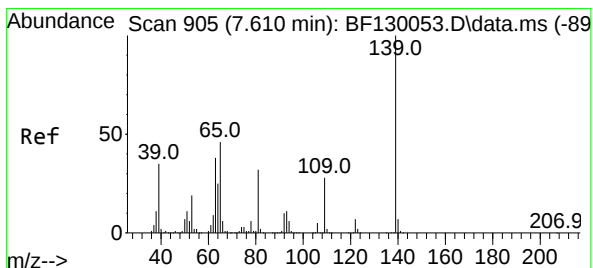
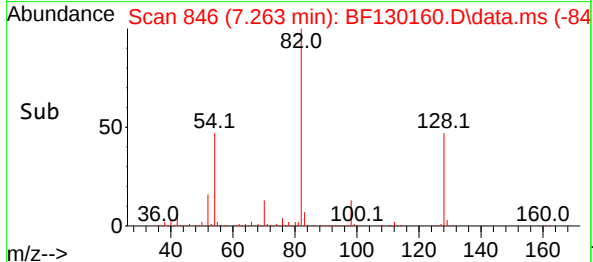
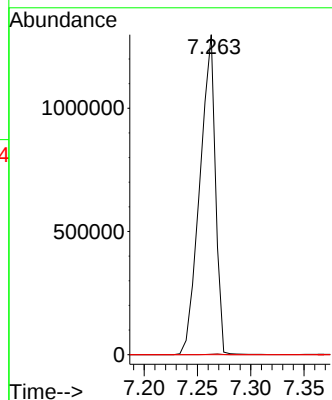
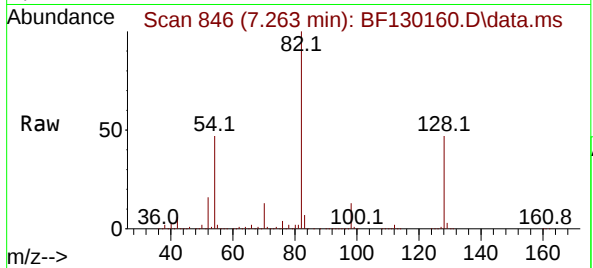




#25
Isophorone
Concen: 48.634 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

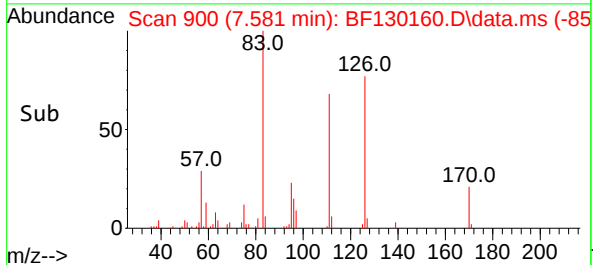
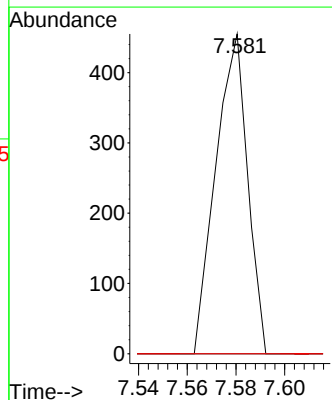
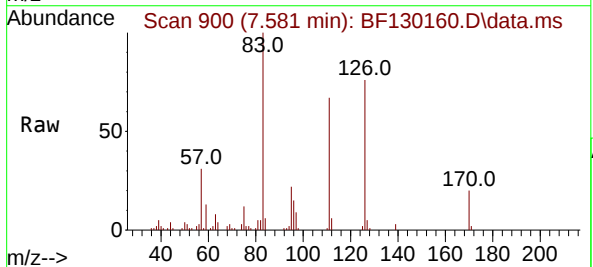
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BNA_F
ClientSampleId :
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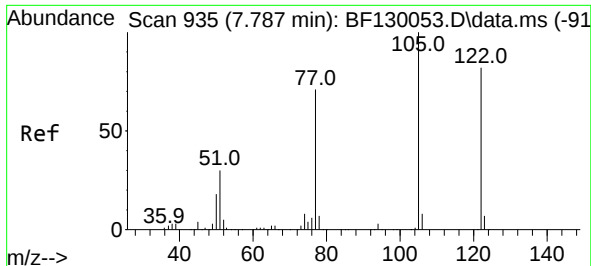
Tgt Ion: 82 Resp: 1323709
Ion Ratio Lower Upper
82 100
95 0.2 5.9 8.9#
138 0.0 14.6 21.8#



#26
2-Nitrophenol
Concen: 3.557 ng
RT: 7.581 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion:139 Resp: 412
Ion Ratio Lower Upper
139 100
109 0.0 24.4 36.6#
65 0.0 40.9 61.3#

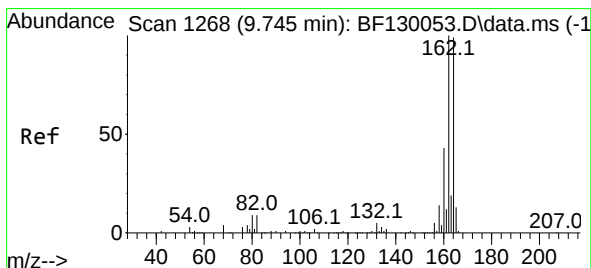
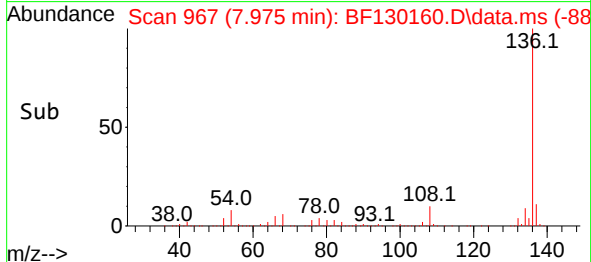
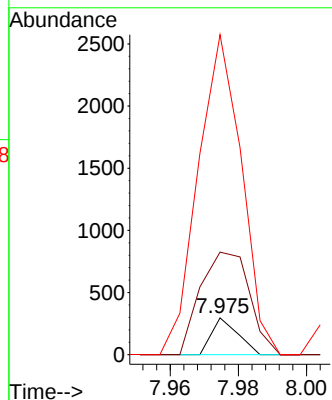
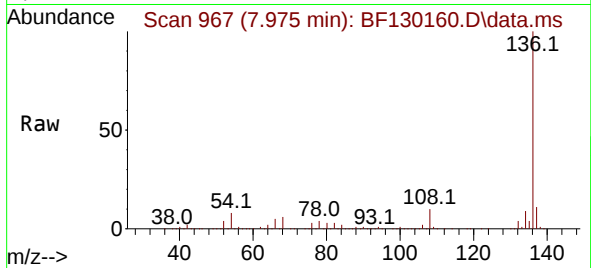




#32
Benzoic acid
Concen: 6.587 ng
RT: 7.975 min Scan# 90
Delta R.T. 0.206 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

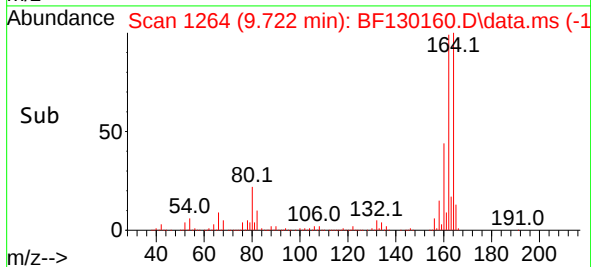
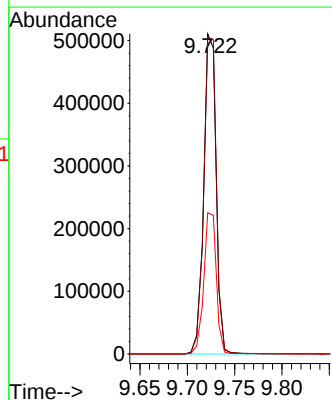
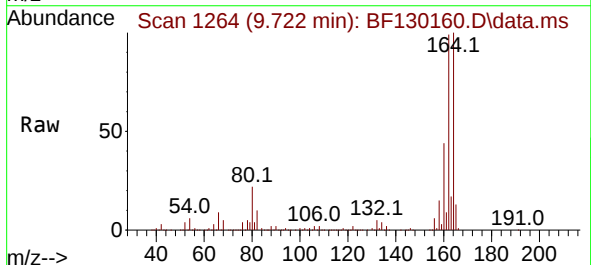
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ClientSampleId :
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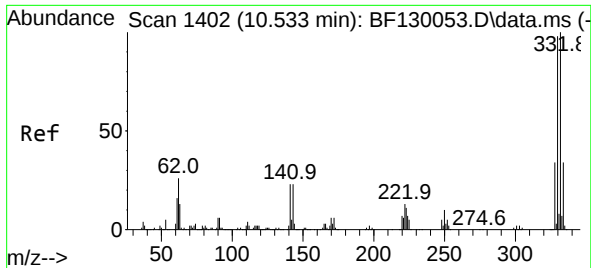
Tgt Ion:122 Resp: 158
Ion Ratio Lower Upper
122 100
105 278.7 99.9 139.9#
77 869.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion:164 Resp: 465131
Ion Ratio Lower Upper
164 100
162 98.9 82.0 123.0
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 107.835 ng

RT: 10.516 min Scan# 11399

Delta R.T. -0.006 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

Instrument :

BNA_F

ClientSampleId :

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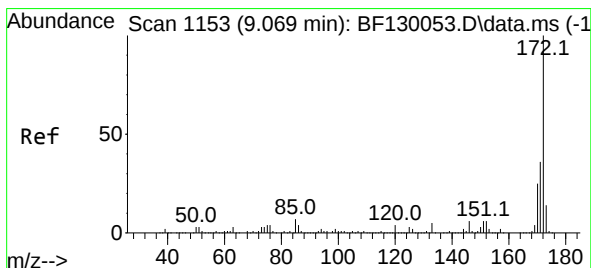
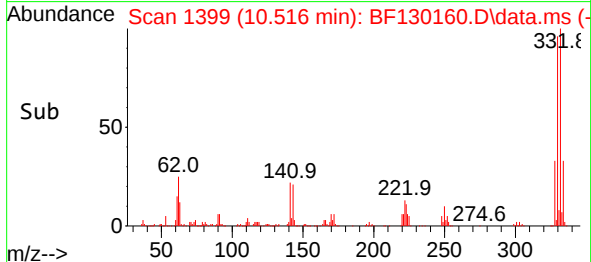
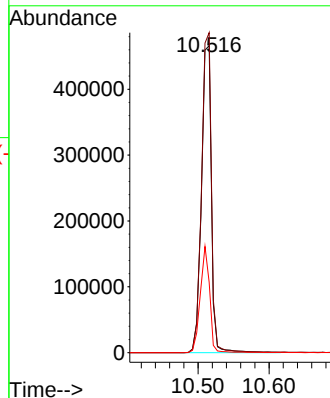
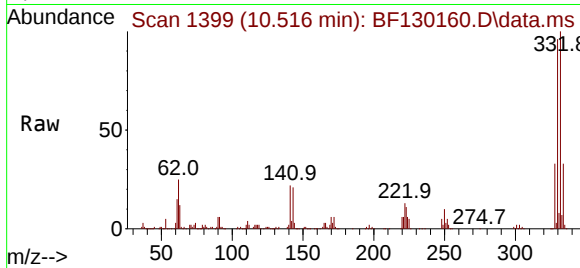
Tgt Ion:330 Resp: 456573

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 32.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.840 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

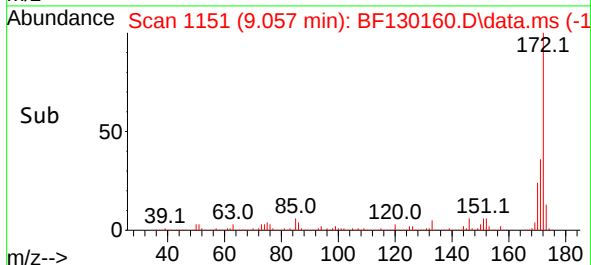
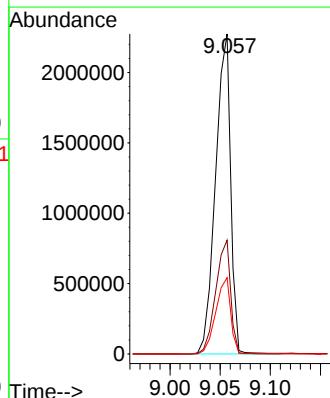
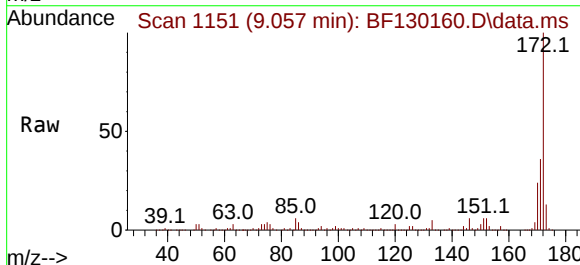
Tgt Ion:172 Resp: 2380128

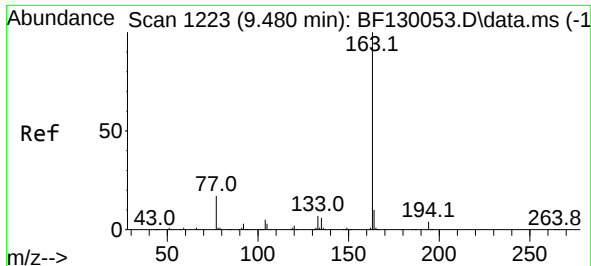
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.1 28.7

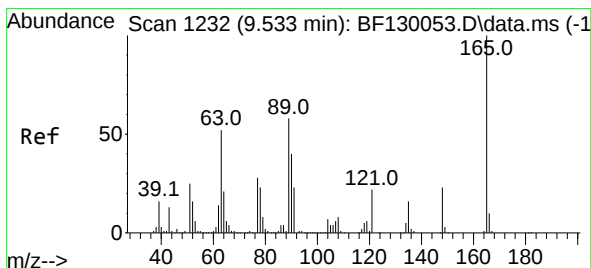
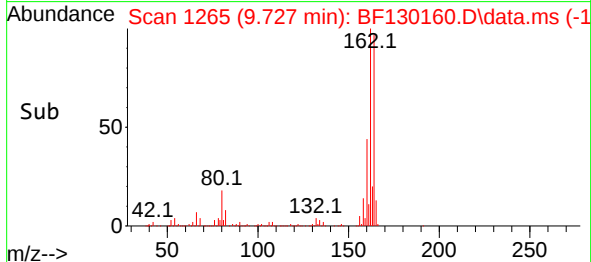
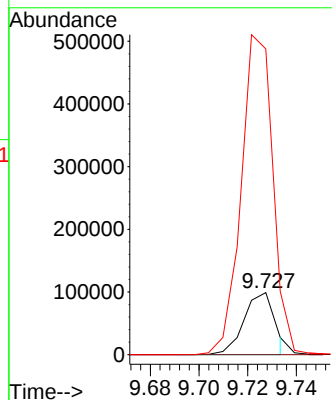
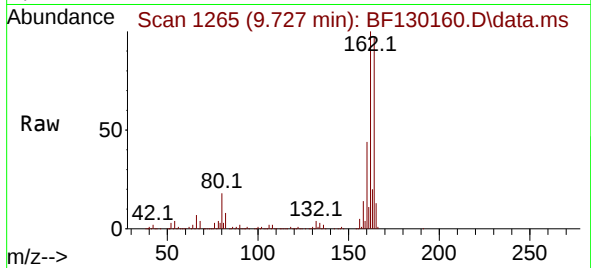




#50
Dimethylphthalate
Concen: 2.742 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.259 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

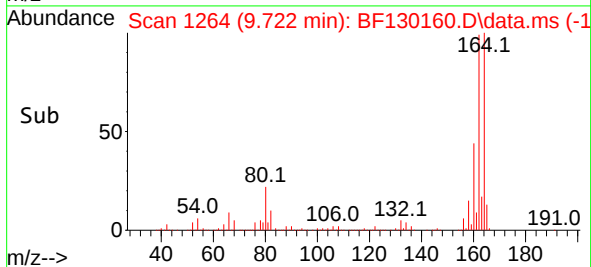
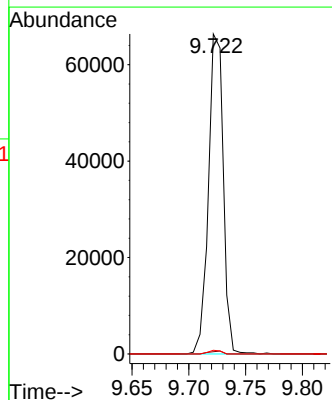
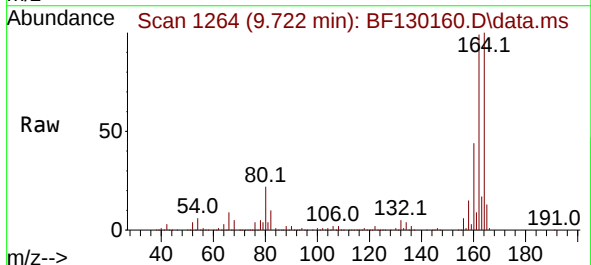
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

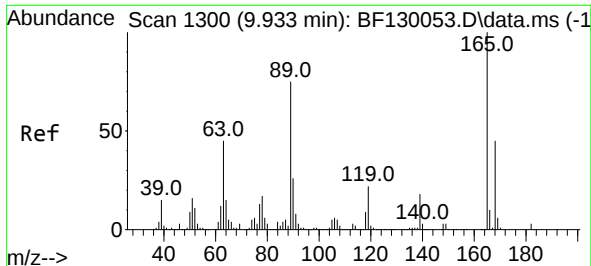
Tgt Ion:163 Resp: 86854
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 492.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.742 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.194 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion:165 Resp: 60173
Ion Ratio Lower Upper
165 100
63 0.7 47.8 71.8#
89 1.2 47.2 70.8#

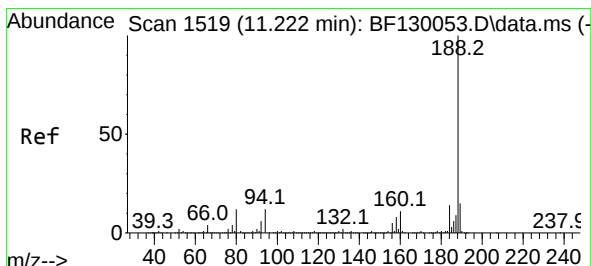
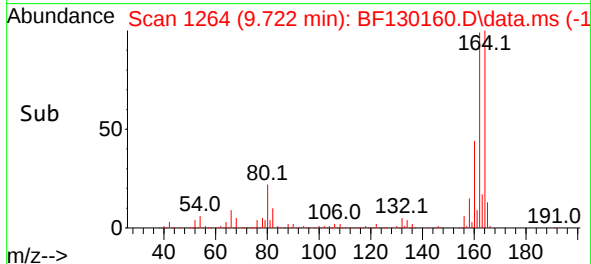
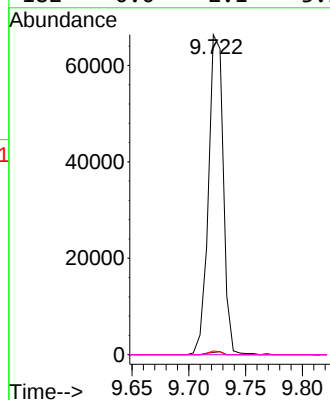
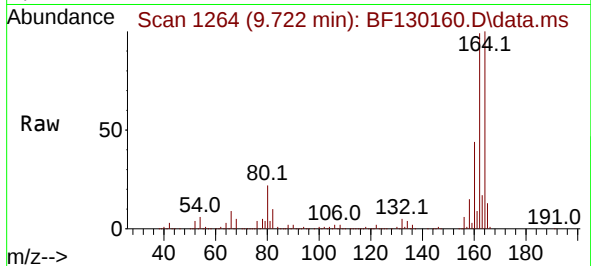




#57
2,4-Dinitrotoluene
Concen: 8.461 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

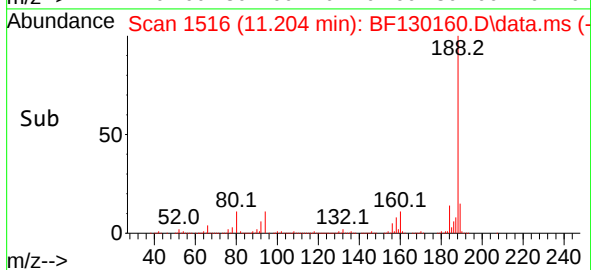
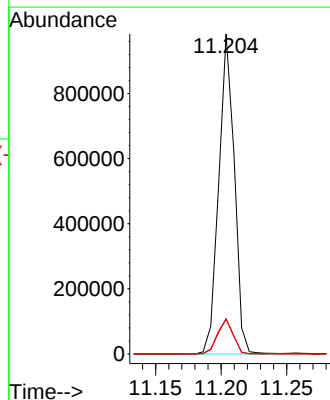
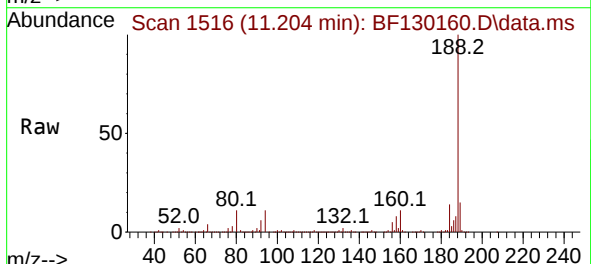
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

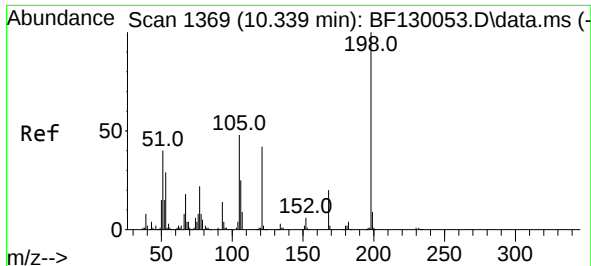
Tgt Ion:165 Resp: 60173
Ion Ratio Lower Upper
165 100
63 0.7 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130160.D
Acq: 07 Sep 2022 14:00

Tgt Ion:188 Resp: 810437
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 11.0 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 6.299 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

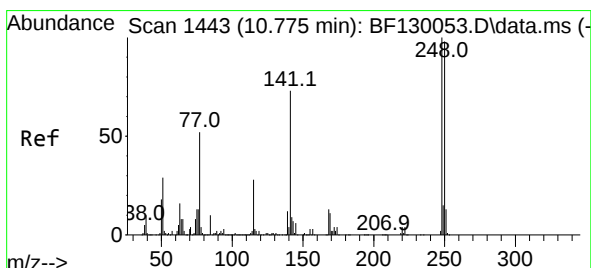
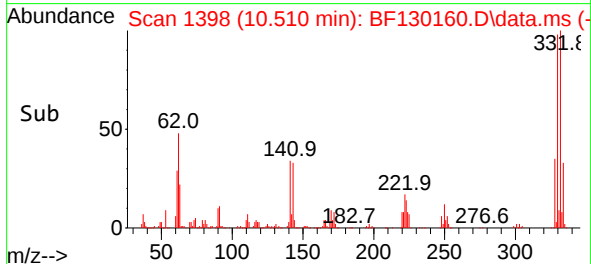
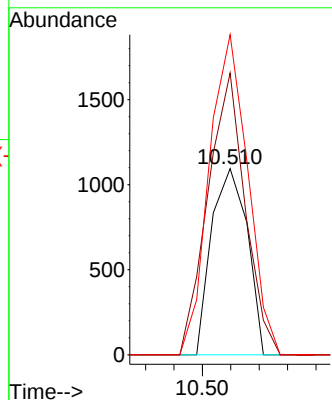
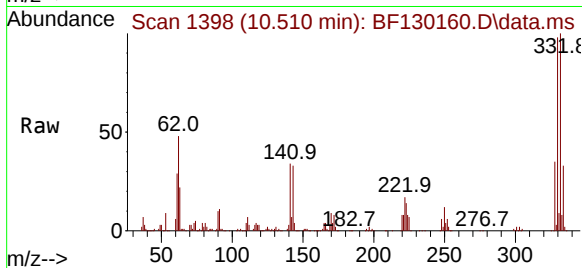
Tgt Ion:198 Resp: 957

Ion Ratio Lower Upper

198 100

51 151.3 29.4 69.4#

105 171.9 29.2 69.2#



#67

4-Bromophenyl-phenylether

Concen: 3.005 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.253 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

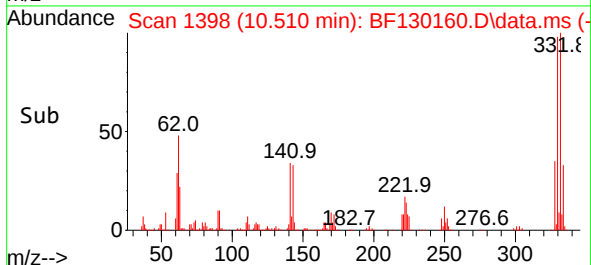
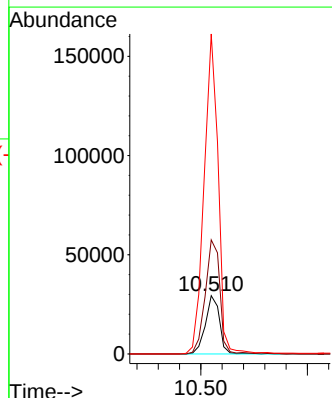
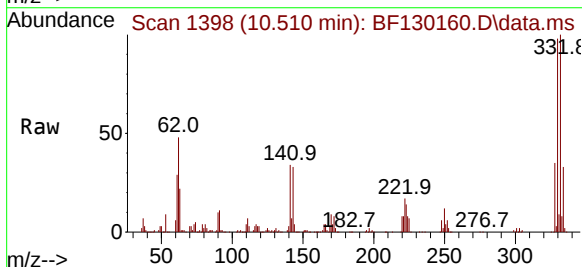
Tgt Ion:248 Resp: 27090

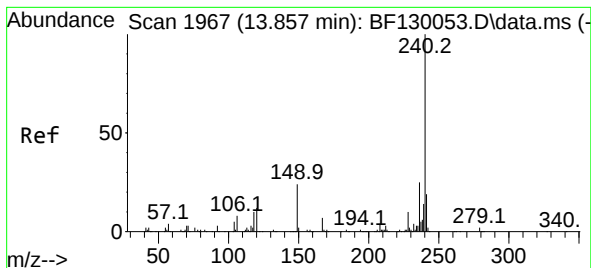
Ion Ratio Lower Upper

248 100

250 196.0 77.8 116.6#

141 549.6 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: BF130160.D

Acq: 07 Sep 2022 14:00

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

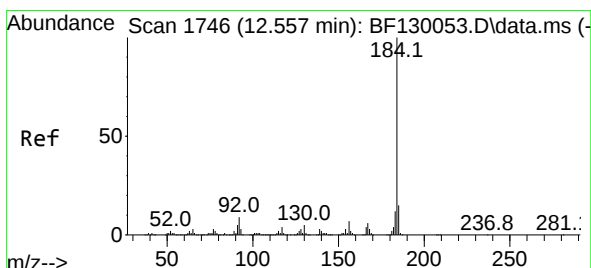
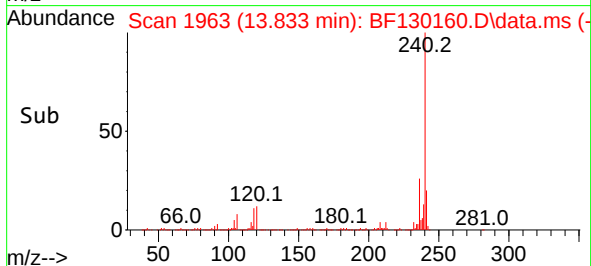
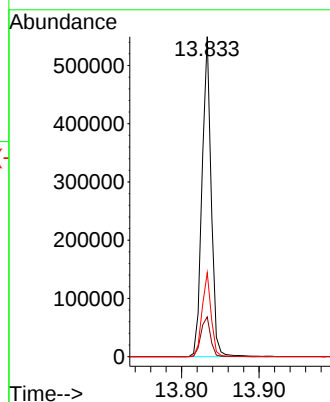
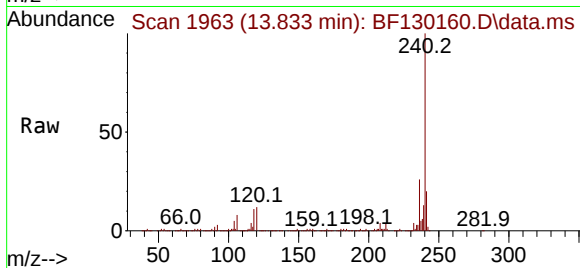
Tgt Ion:240 Resp: 450169

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 26.3 20.7 31.1



#77

Benzidine

Concen: 3.034 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.253 min

Lab File: BF130160.D

Acq: 07 Sep 2022 14:00

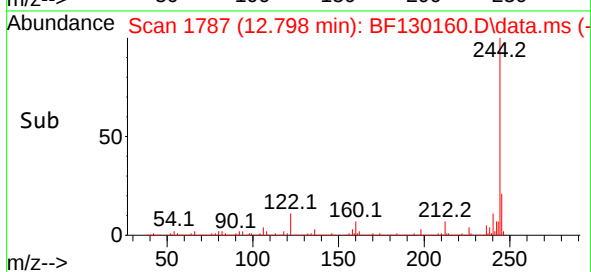
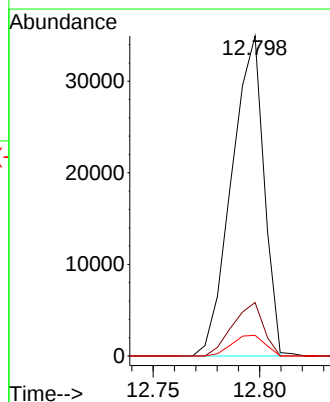
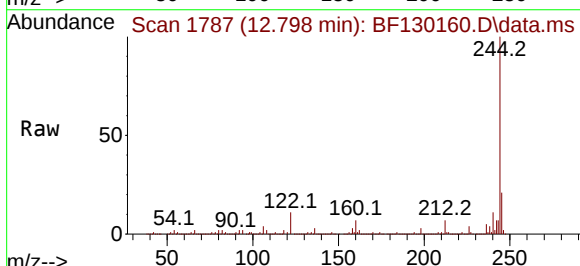
Tgt Ion:184 Resp: 36870

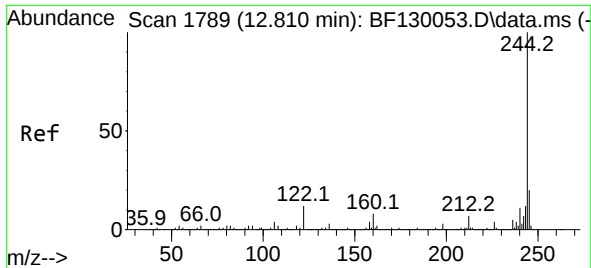
Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.2

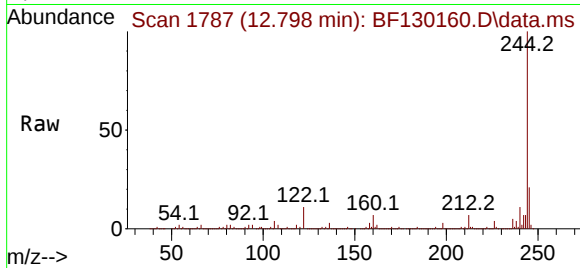
183 6.5 9.4 14.2#



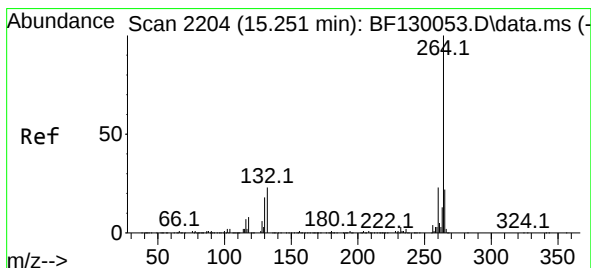
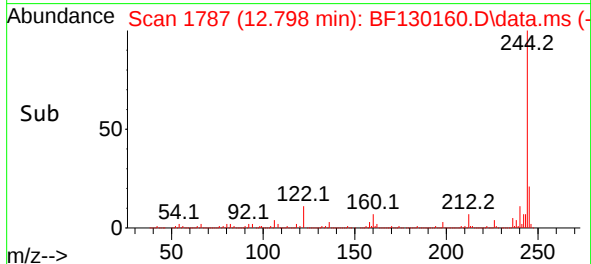
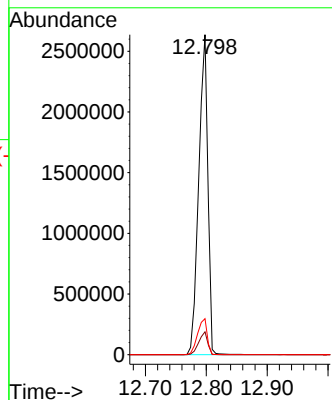


#79
 Terphenyl-d14
 Concen: 105.341 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK



Tgt Ion:244 Resp: 2734600
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130160.D
 Acq: 07 Sep 2022 14:00

Tgt Ion:264 Resp: 363557
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.3 16.7 25.1

