

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130155.D
 Acq On : 07 Sep 2022 11:21
 Operator : CG\JU
 Sample : N4500-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Sep 08 02:44:55 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)

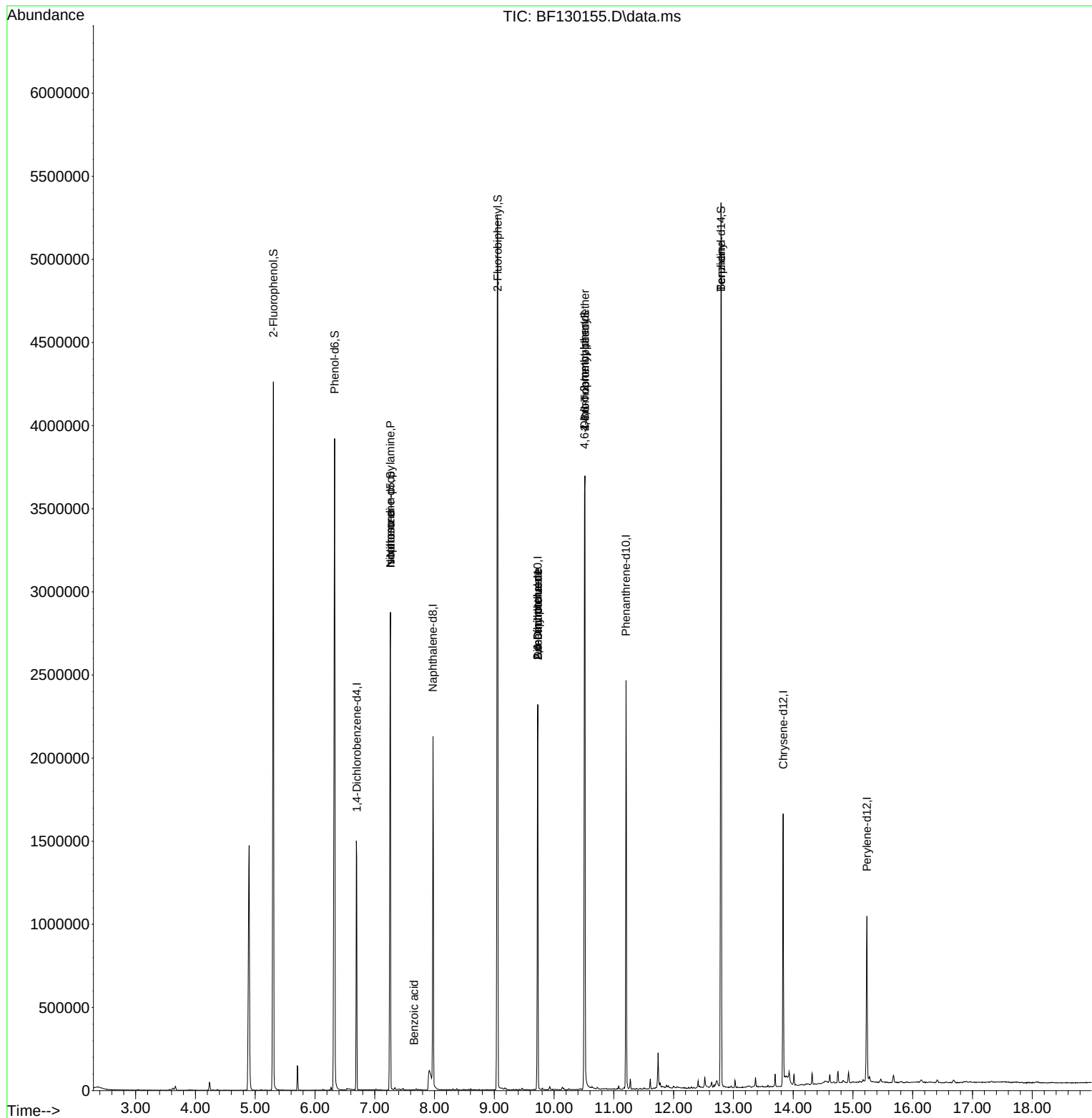
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	230443	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	910795	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	495226	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	854889	20.000	ng	0.00
76) Chrysene-d12	13.833	240	495351	20.000	ng	-0.01
86) Perylene-d12	15.233	264	396699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1347011	99.233	ng	0.00
7) Phenol-d6	6.328	99	1747398	103.255	ng	0.00
23) Nitrobenzene-d5	7.263	82	1019631	71.946	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	533553	118.359	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1882107	63.011	ng	0.00
79) Terphenyl-d14	12.792	244	1949187	68.237	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	132152	12.962	ng	# 72
25) Isophorone	7.263	82	1016682	35.443	ng	# 65
32) Benzoic acid	7.657	122	272	6.596	ng	# 64
50) Dimethylphthalate	9.728	163	102276	3.032	ng	# 1
51) 2,6-Dinitrotoluene	9.728	165	64313	9.779	ng	# 23
57) 2,4-Dinitrotoluene	9.728	165	64313	8.494	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.510	198	1144	6.328	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	32425	3.410	ng	# 1
77) Benzidine	12.792	184	26870	2.009	ng	# 94

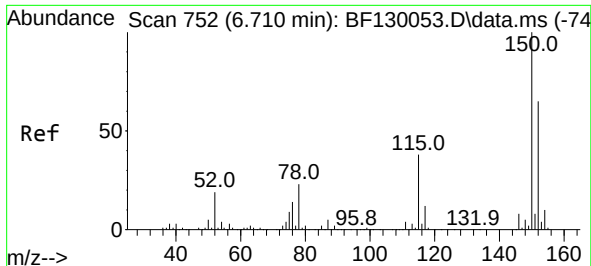
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

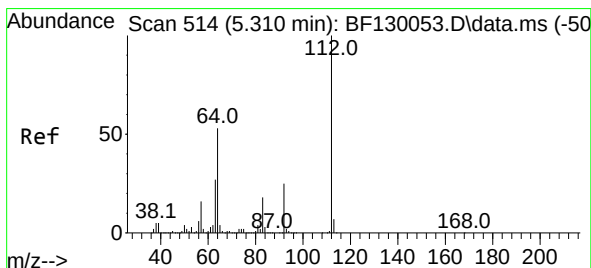
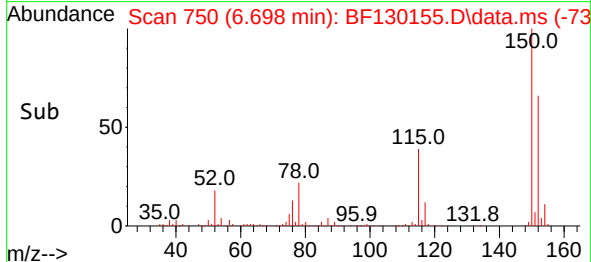
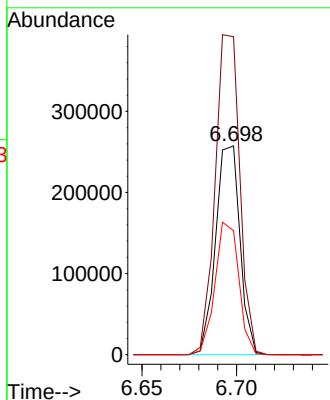
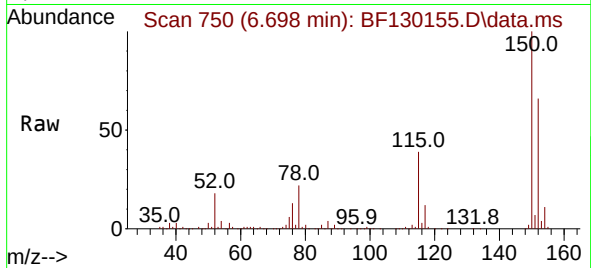




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130155.D
 Acq: 07 Sep 2022 11:21

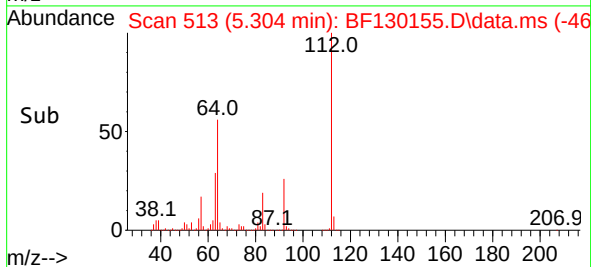
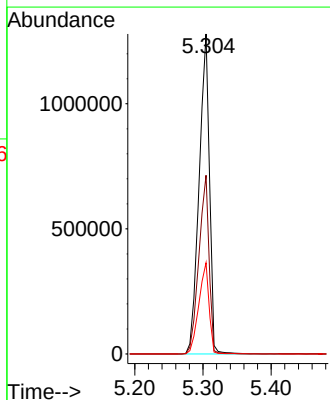
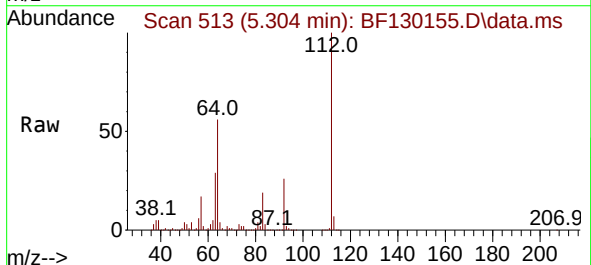
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

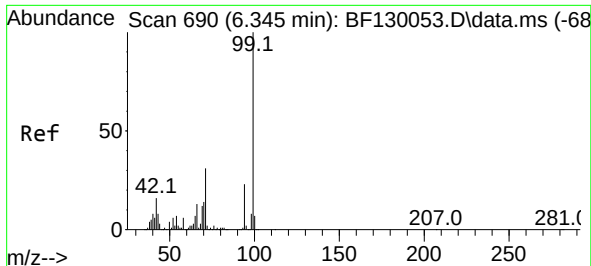
Tgt Ion:152 Resp: 230443
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.9 190.3
 115 59.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 99.233 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130155.D
 Acq: 07 Sep 2022 11:21

Tgt Ion:112 Resp: 1347011
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.6 71.4
 63 28.5 24.6 37.0

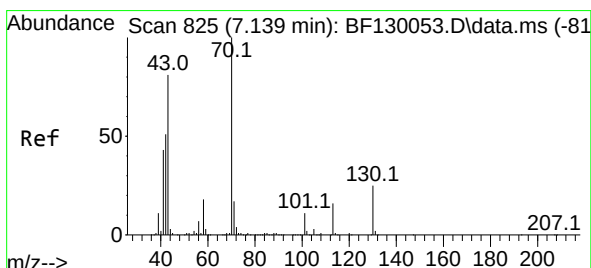
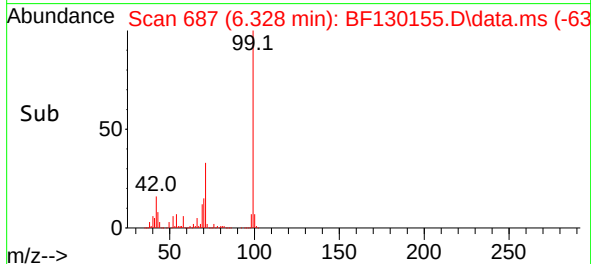
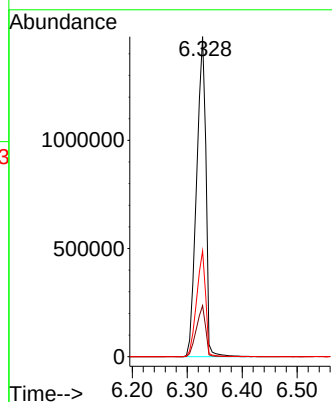
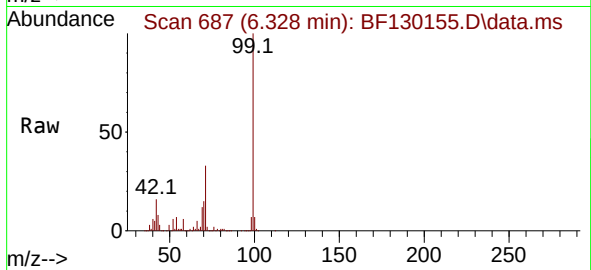




#7
Phenol-d6
Concen: 103.255 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

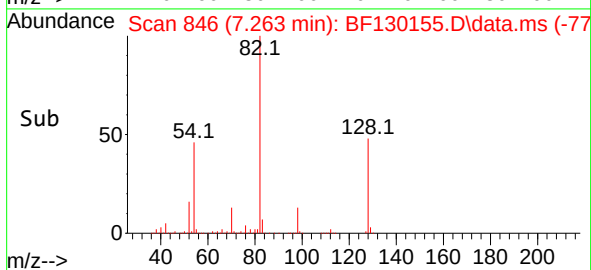
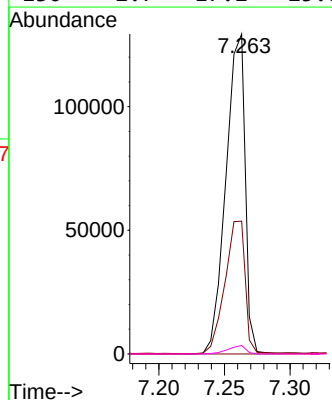
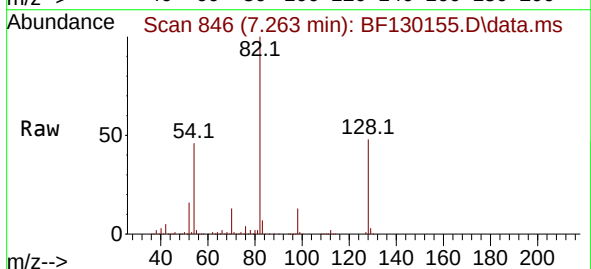
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

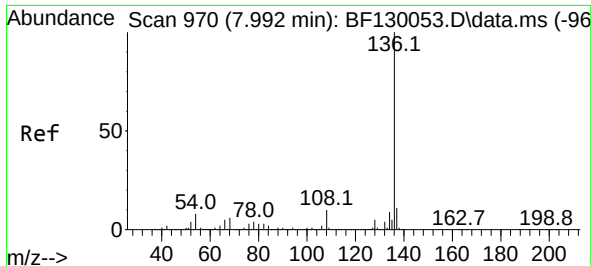
Tgt Ion: 99 Resp: 1747398
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 33.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.962 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion: 70 Resp: 132152
Ion Ratio Lower Upper
70 100
42 41.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.7 17.2 25.8#

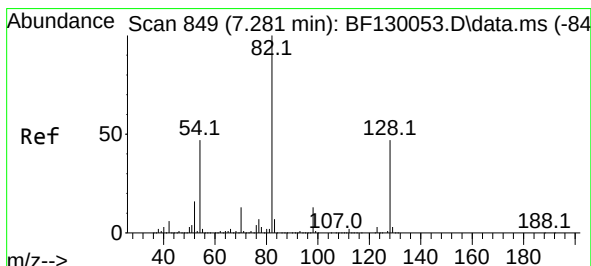
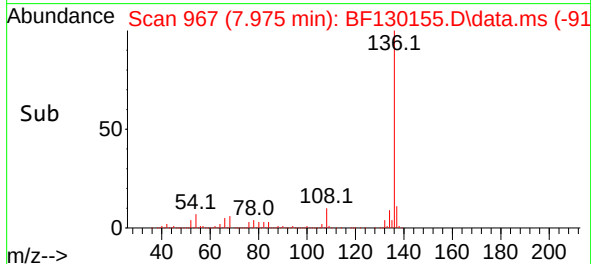
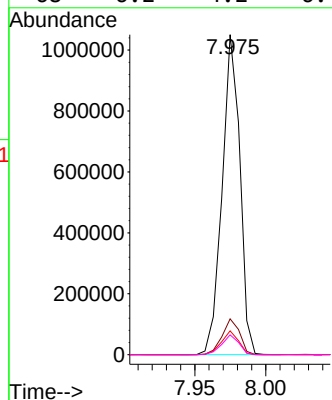
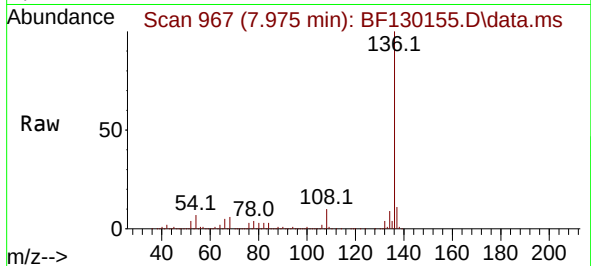




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

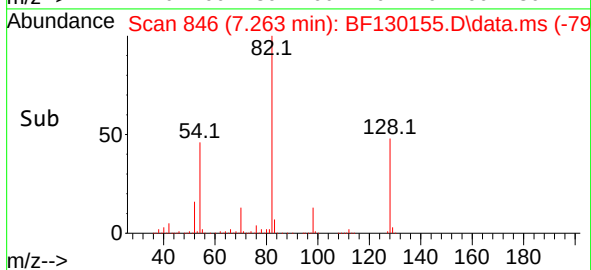
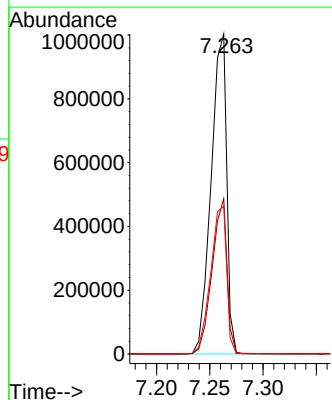
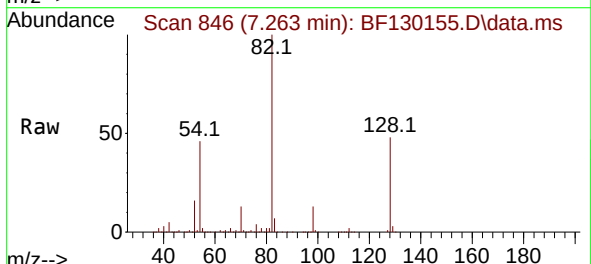
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

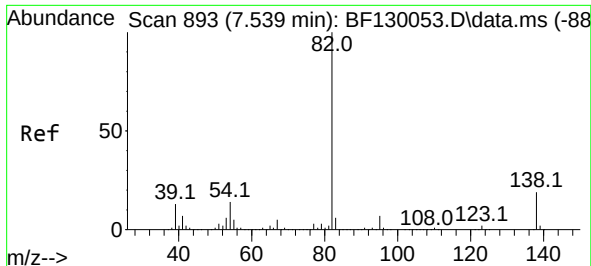
Tgt Ion:136 Resp: 910795
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.4 6.2 9.2
68 6.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 71.946 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion: 82 Resp: 1019631
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 46.2 40.0 60.0

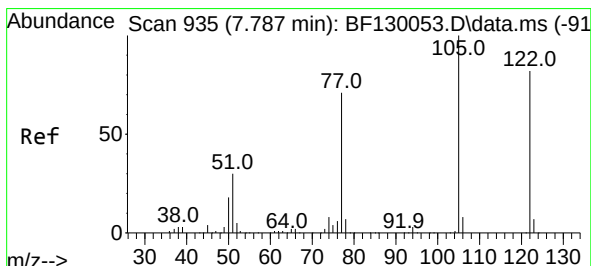
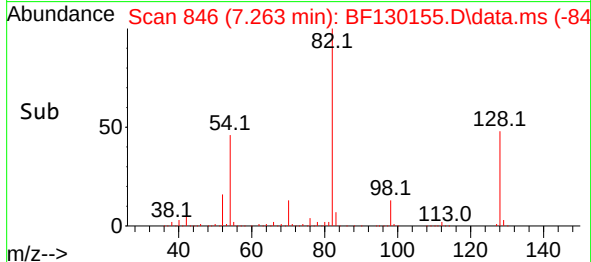
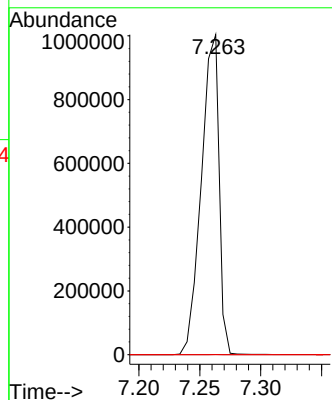
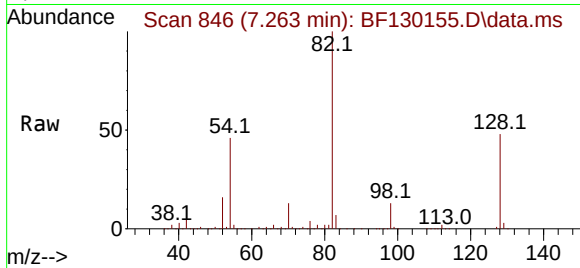




#25
Isophorone
Concen: 35.443 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

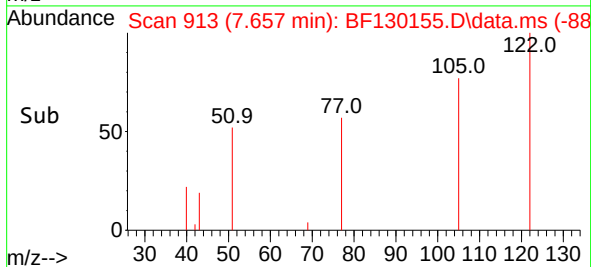
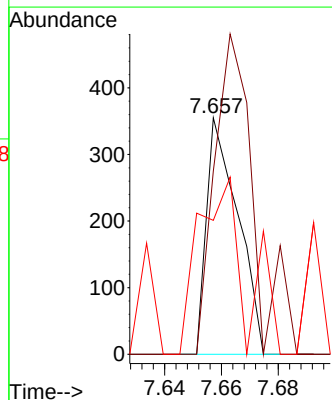
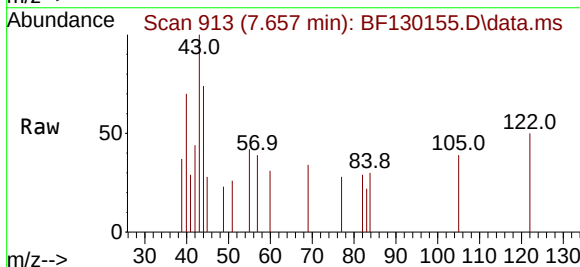
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

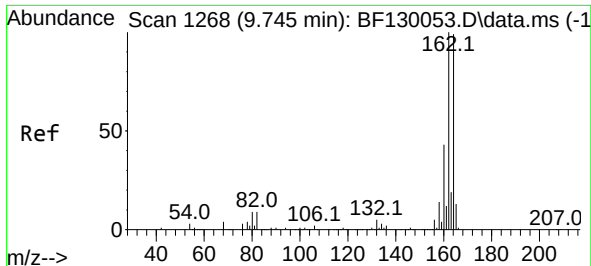
Tgt Ion: 82 Resp: 1016682
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.596 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.112 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion: 122 Resp: 272
Ion Ratio Lower Upper
122 100
105 77.5 99.9 139.9#
77 56.6 65.9 105.9#

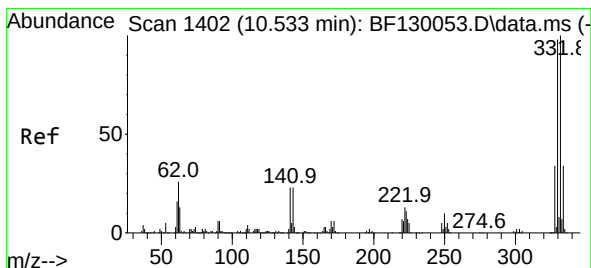
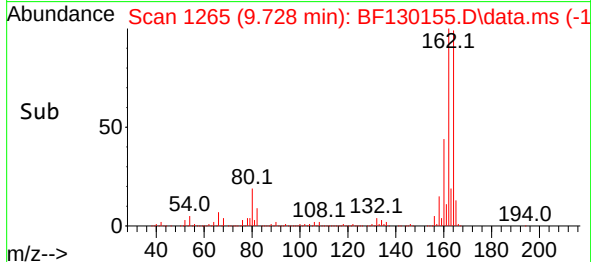
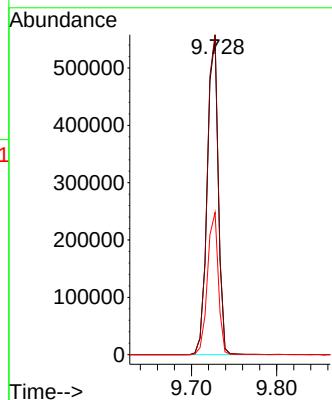
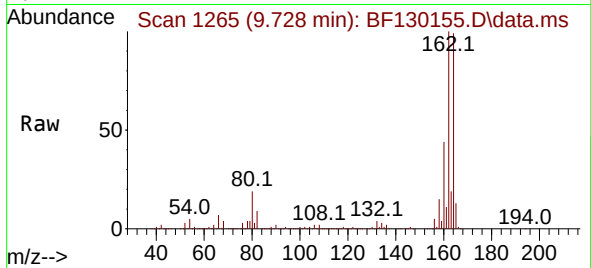




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

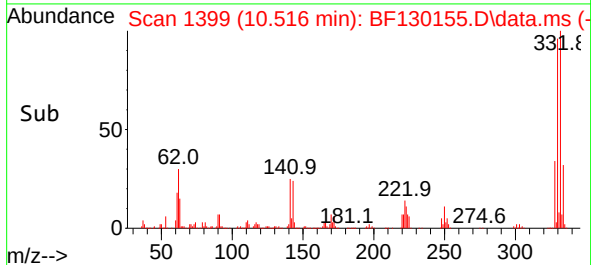
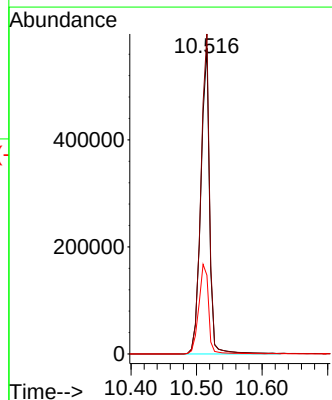
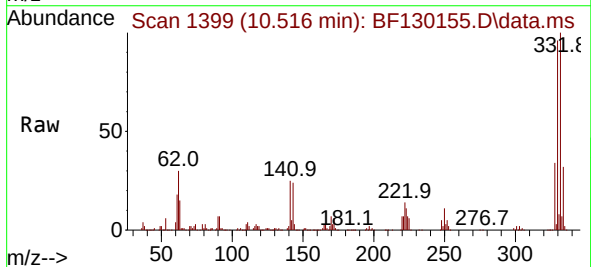
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ClientSampleId :
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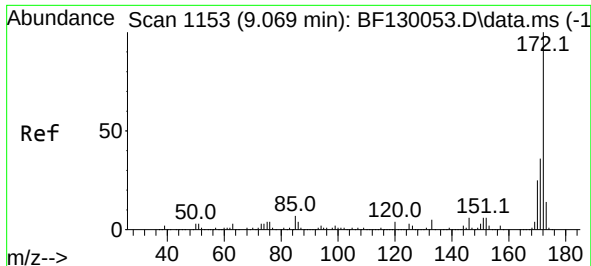
Tgt Ion:164 Resp: 495226
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 118.359 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion:330 Resp: 533553
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 32.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 63.011 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130155.D

Acq: 07 Sep 2022 11:21

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

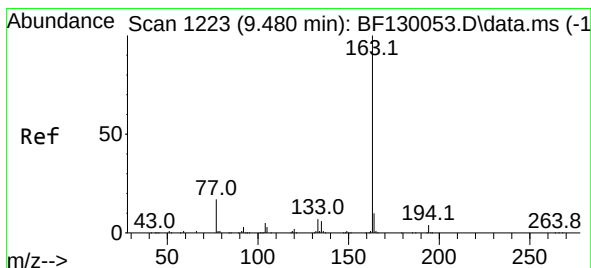
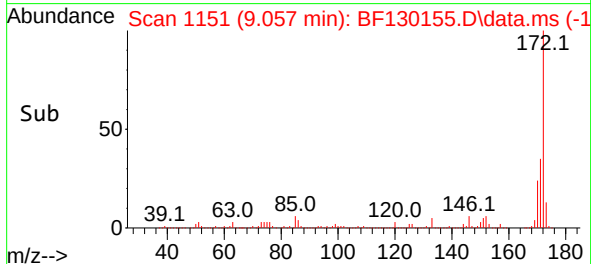
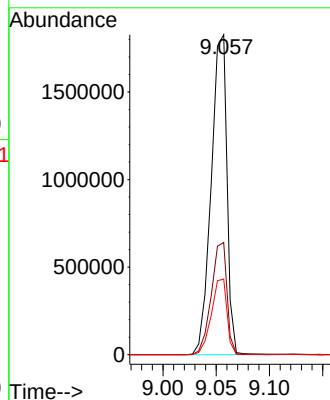
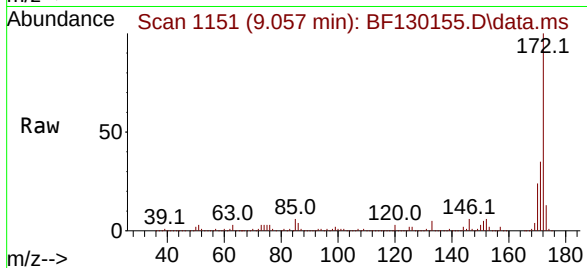
Tgt Ion:172 Resp: 1882107

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 19.1 28.7



#50

Dimethylphthalate

Concen: 3.032 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130155.D

Acq: 07 Sep 2022 11:21

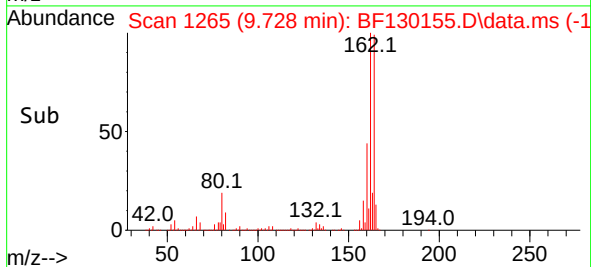
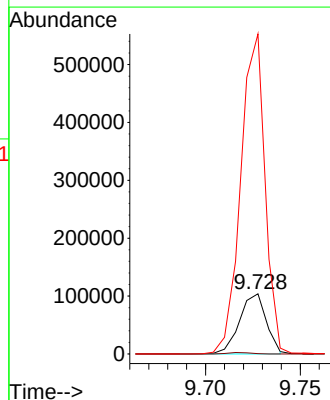
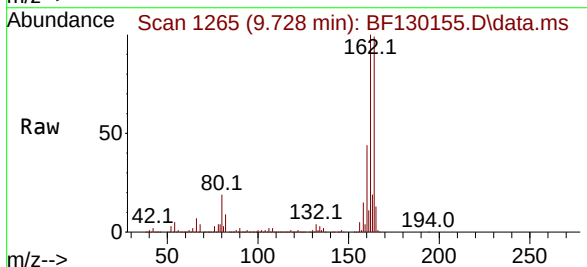
Tgt Ion:163 Resp: 102276

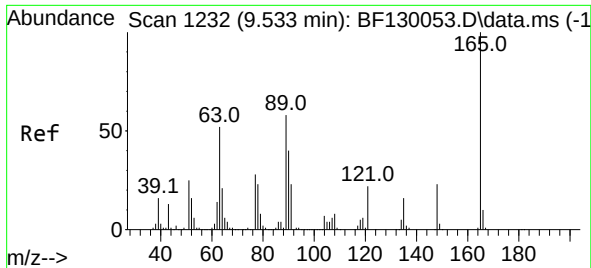
Ion Ratio Lower Upper

163 100

194 0.5 3.3 4.9#

164 531.5 8.2 12.2#

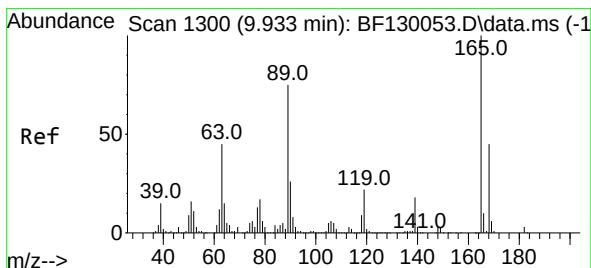
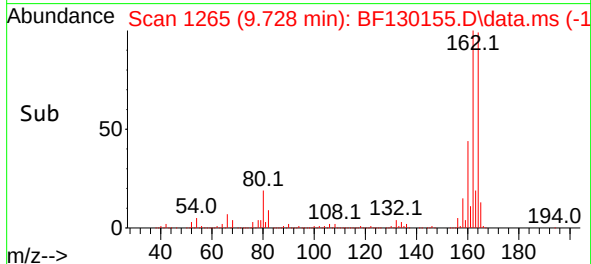
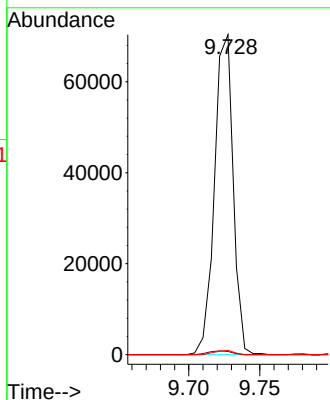
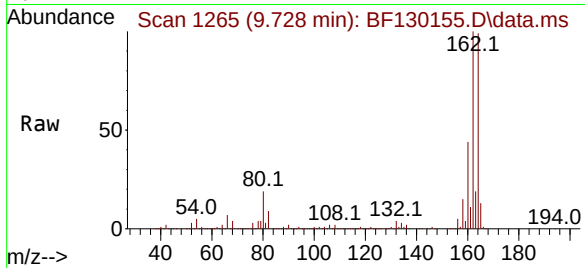




#51
2,6-Dinitrotoluene
Concen: 9.779 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.200 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

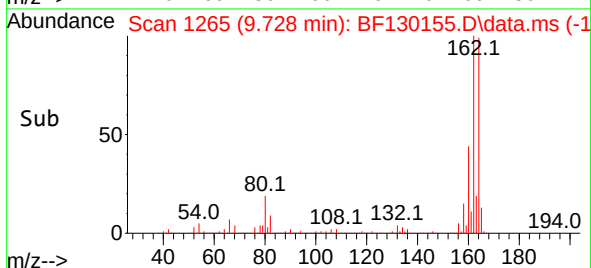
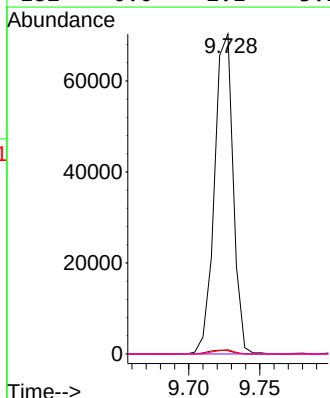
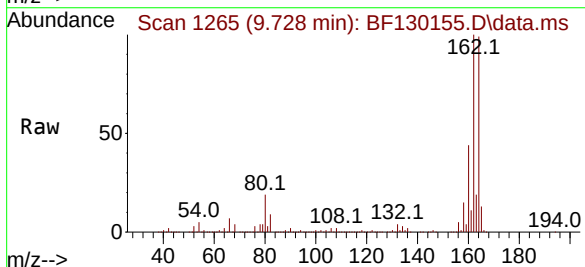
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

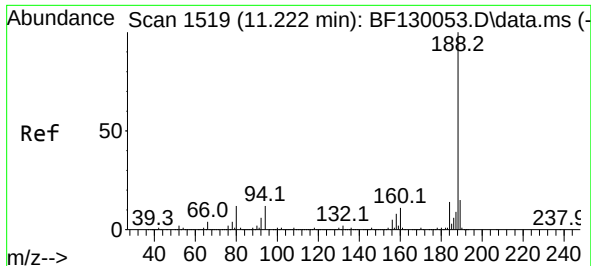
Tgt Ion:165 Resp: 64313
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.494 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.194 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion:165 Resp: 64313
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

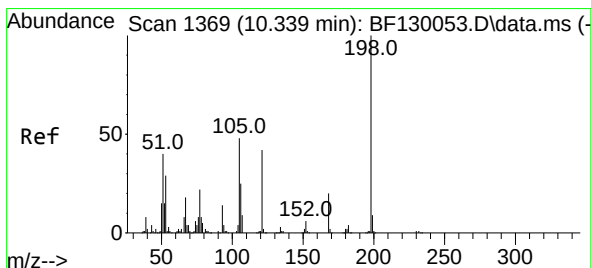
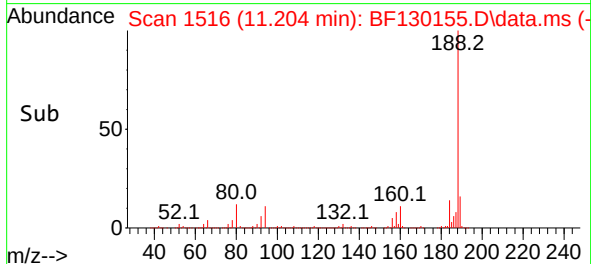
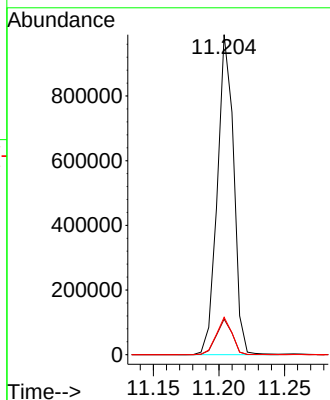
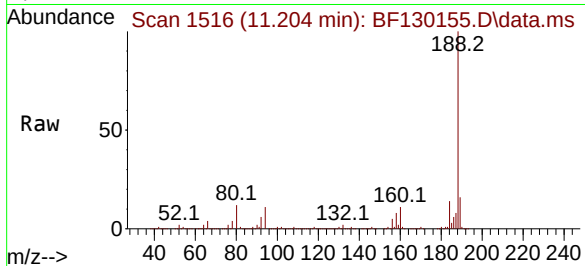




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

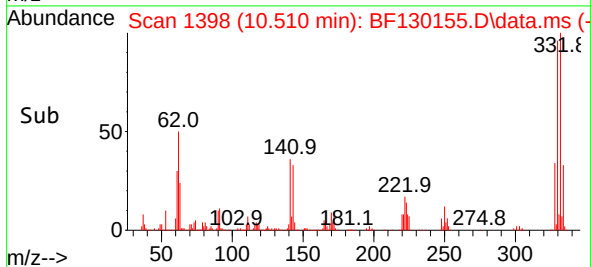
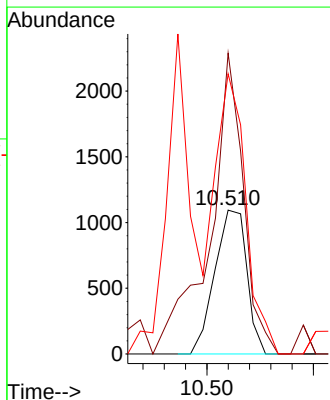
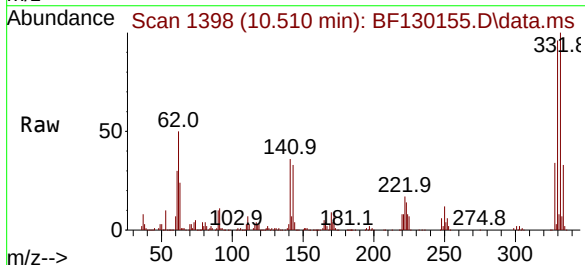
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ClientSampleId :
SB-01-COMP

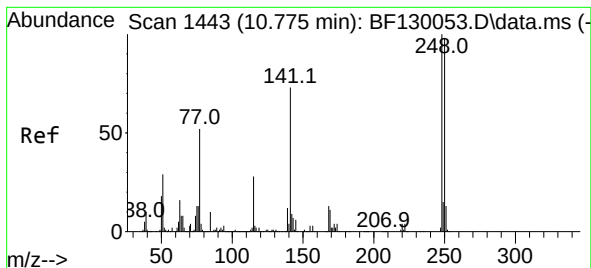
Tgt Ion:188 Resp: 854889
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.2
80 11.7 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.328 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion:198 Resp: 1144
Ion Ratio Lower Upper
198 100
51 209.0 29.4 69.4#
105 194.7 29.2 69.2#

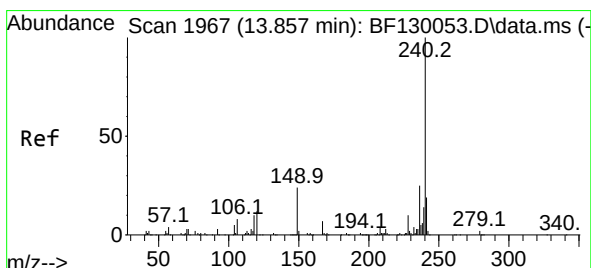
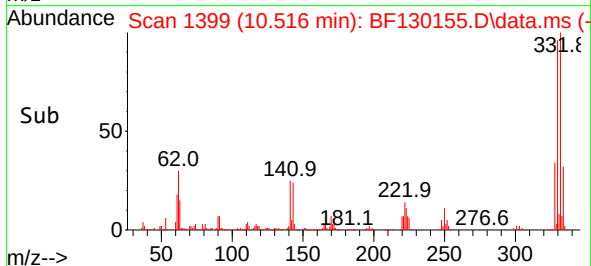
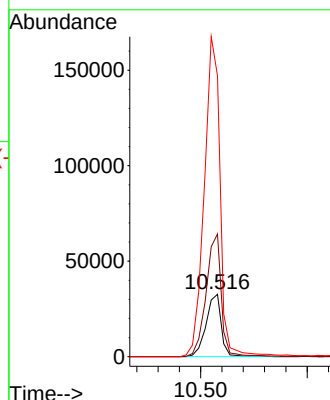
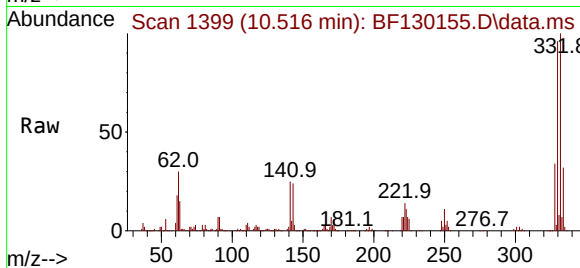




#67
4-Bromophenyl-phenylether
Concen: 3.410 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

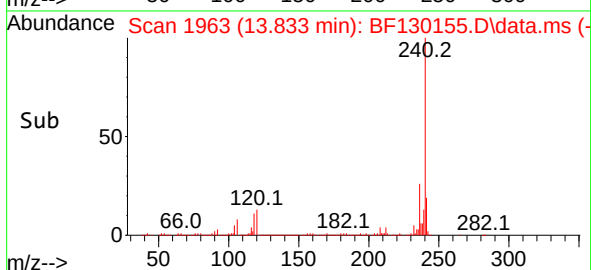
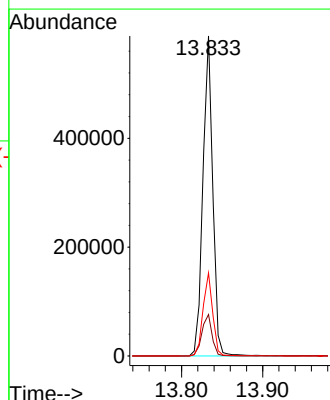
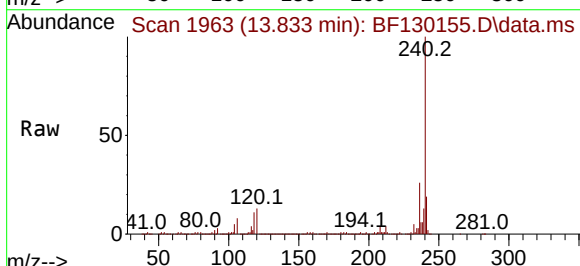
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

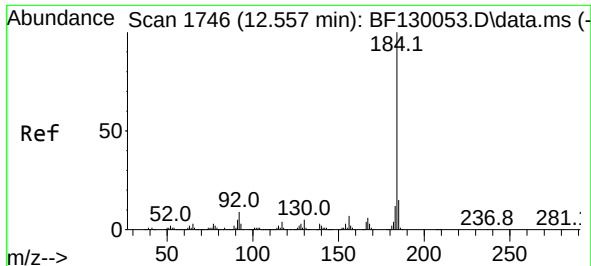
Tgt Ion:248 Resp: 32425
Ion Ratio Lower Upper
248 100
250 196.9 77.8 116.6#
141 450.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion:240 Resp: 495351
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 26.0 20.7 31.1

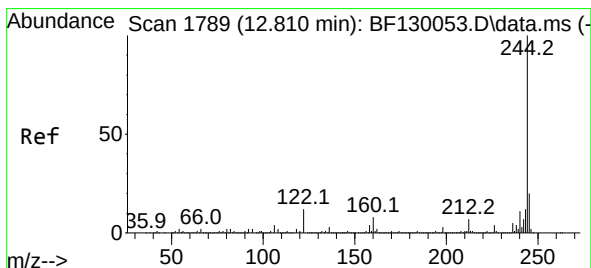
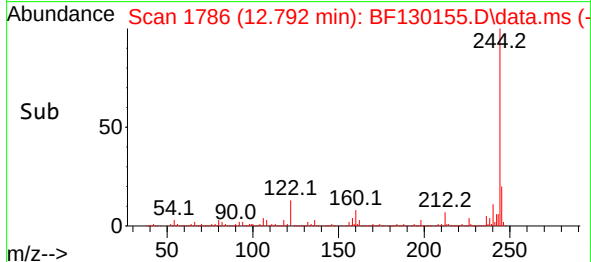
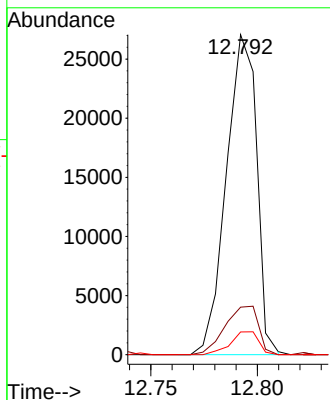
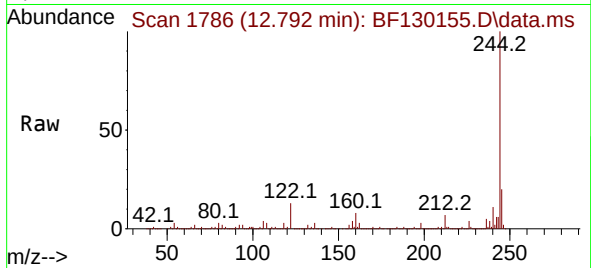




#77
Benzidine
Concen: 2.009 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

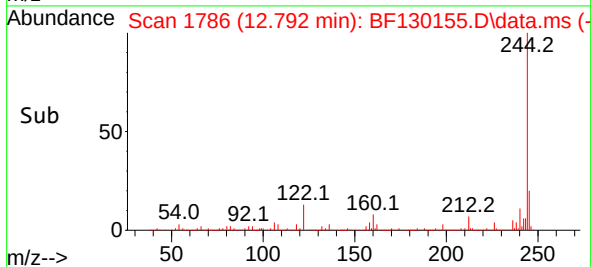
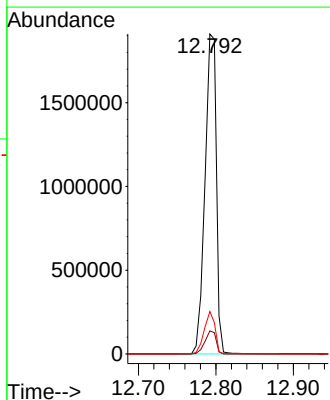
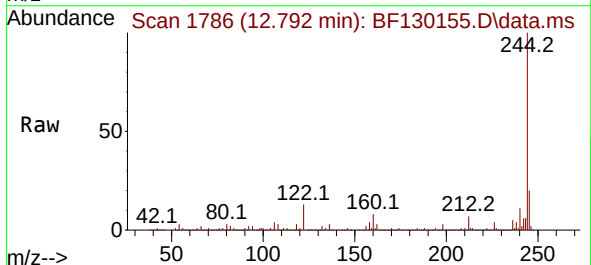
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

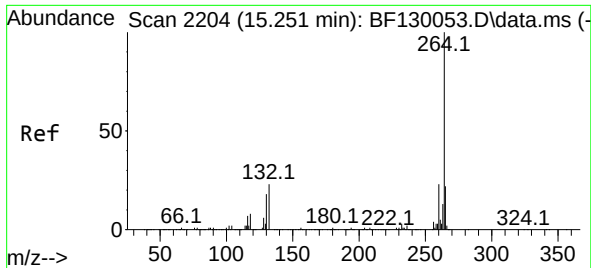
Tgt Ion:184 Resp: 26870
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 68.237 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130155.D
Acq: 07 Sep 2022 11:21

Tgt Ion:244 Resp: 1949187
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.3 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: BF130155.D
Acq: 07 Sep 2022 11:21

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:264 Resp: 396699
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.2 16.7 25.1

