

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130113.D
 Acq On : 02 Sep 2022 16:13
 Operator : CG\JU
 Sample : N4446-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

Quant Time: Sep 03 05:45:48 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)

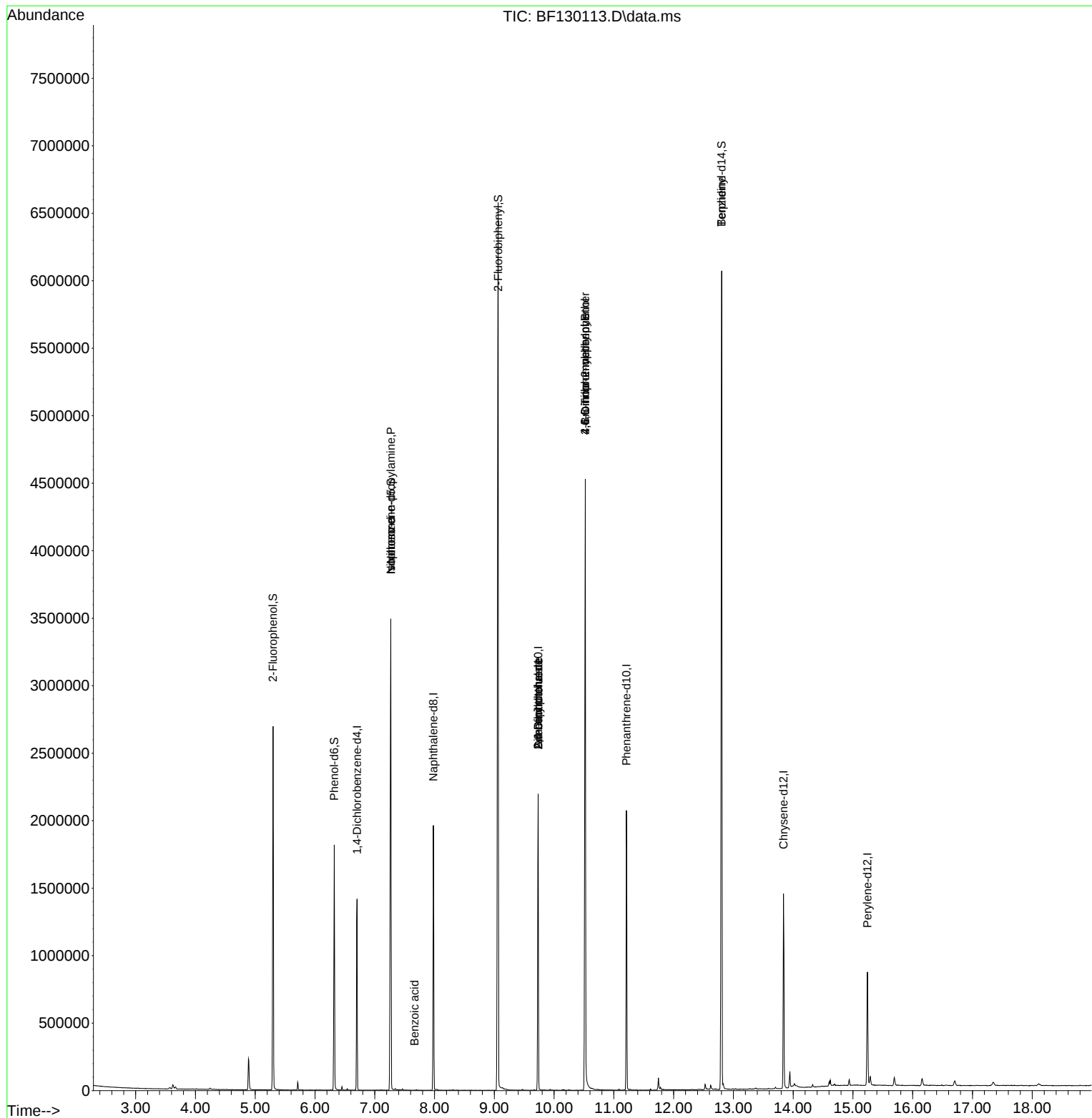
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	214304	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	840351	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	443579	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	727590	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	455119	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	368615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	763651	60.494	ng	-0.01
7) Phenol-d6	6.322	99	584850	37.162	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1248027	95.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.521	330	592819	146.817	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2246012	83.949	ng	0.00
79) Terphenyl-d14	12.804	244	2280454	86.891	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	161287	17.011	ng	# 73
25) Isophorone	7.269	82	1243360	46.979	ng	# 65
32) Benzoic acid	7.663	122	88	6.581	ng	86
50) Dimethylphthalate	9.733	163	82920	2.745	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	56515	9.594	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	56515	8.333	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.521	198	1308	6.414	ng	# 1
67) 4-Bromophenyl-phenylether	10.521	248	34970	4.321	ng	# 1
77) Benzidine	12.804	184	31259	2.544	ng	# 94

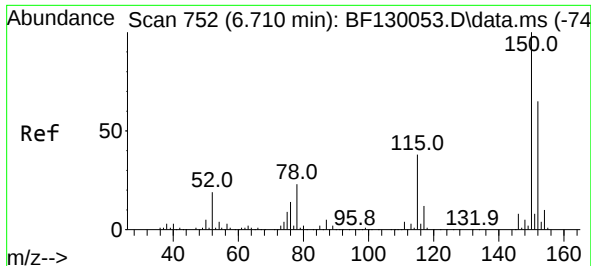
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

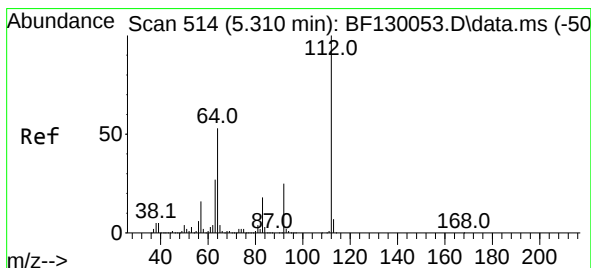
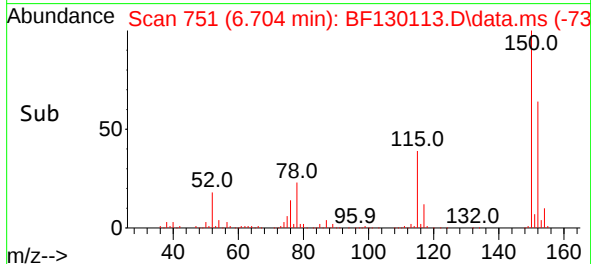
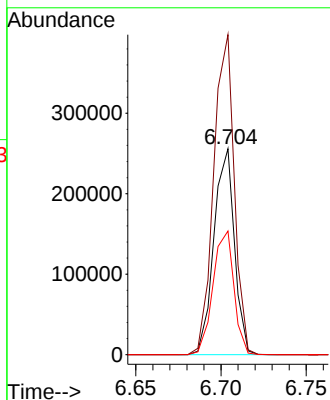
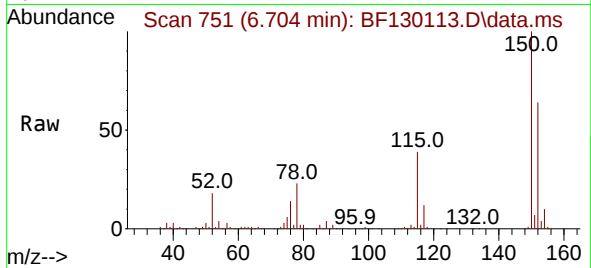




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

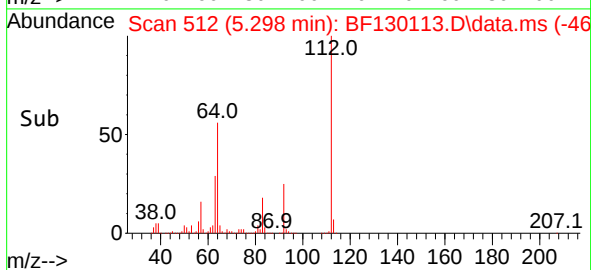
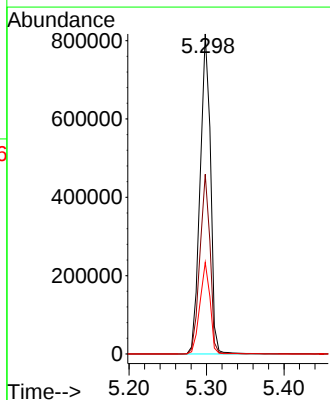
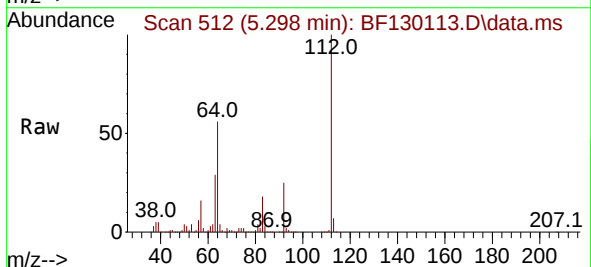
Instrument :
BNA_F
ClientSampleId :
DUP-Y

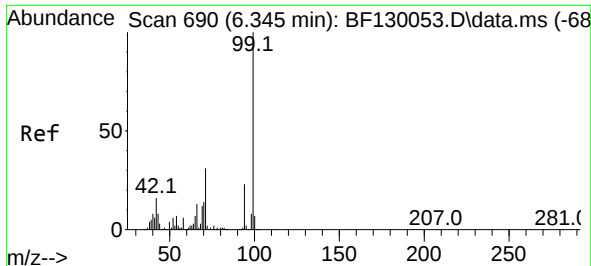
Tgt Ion:152 Resp: 214304
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 60.1 53.4 80.0



#5
2-Fluorophenol
Concen: 60.494 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:112 Resp: 763651
Ion Ratio Lower Upper
112 100
64 56.2 47.6 71.4
63 28.6 24.6 37.0

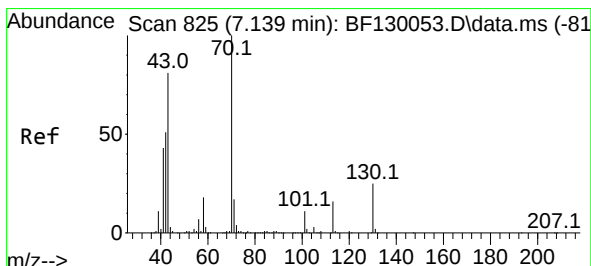
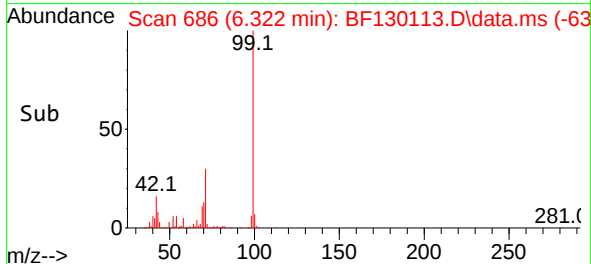
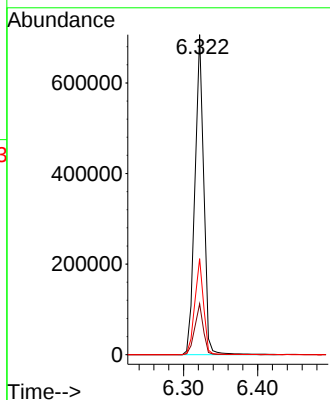
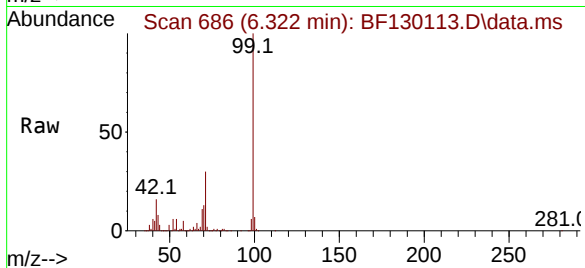




#7
Phenol-d6
Concen: 37.162 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

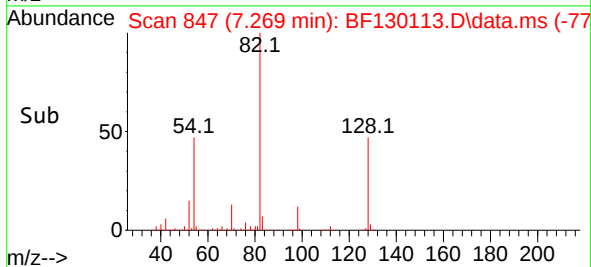
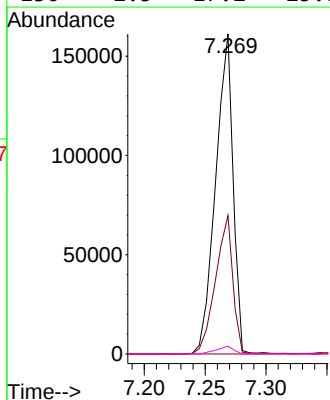
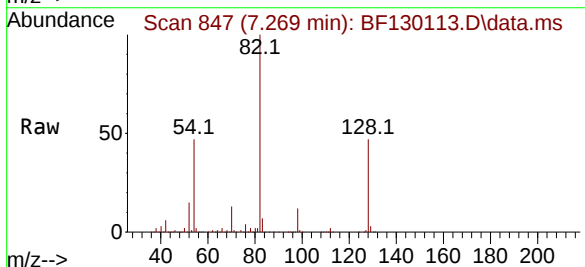
Instrument :
BNA_F
ClientSampleId :
DUP-Y

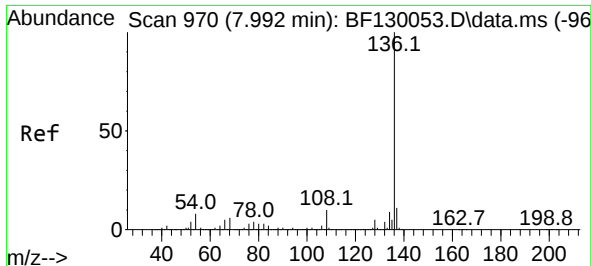
Tgt Ion: 99 Resp: 584850
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 30.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.011 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion: 70 Resp: 161287
Ion Ratio Lower Upper
70 100
42 43.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

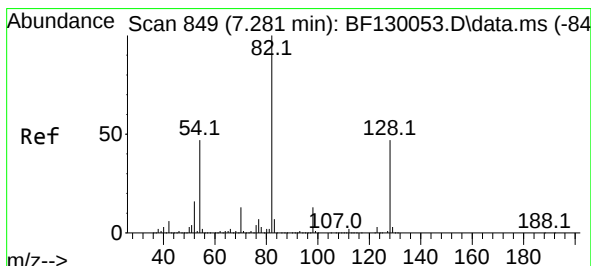
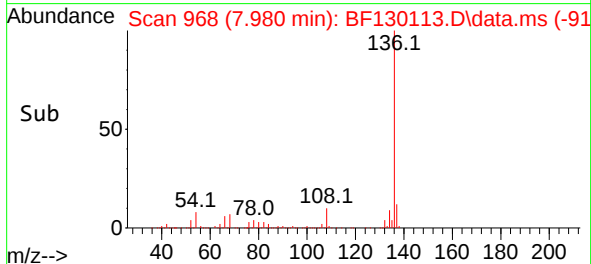
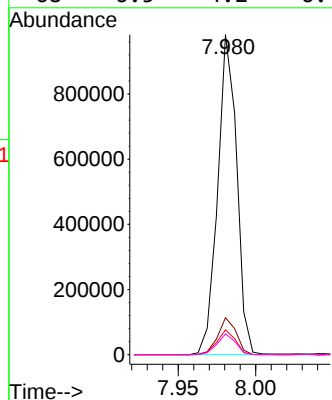
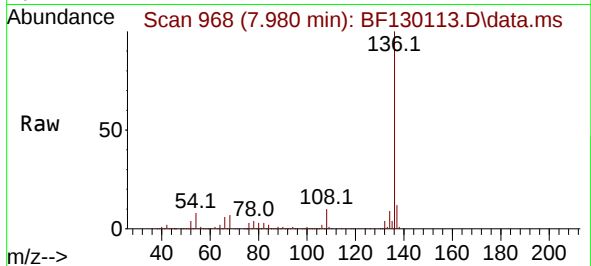




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

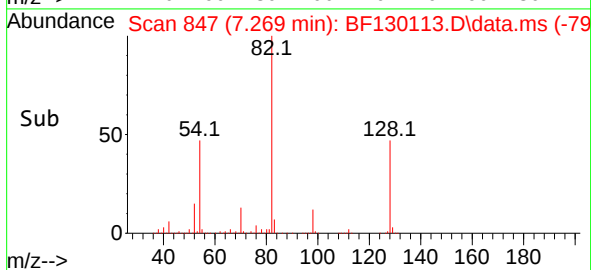
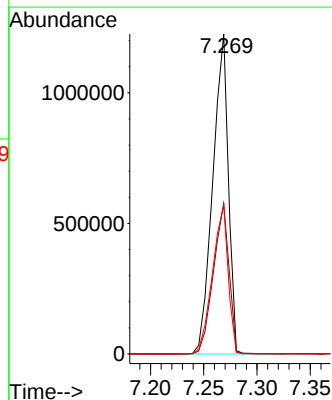
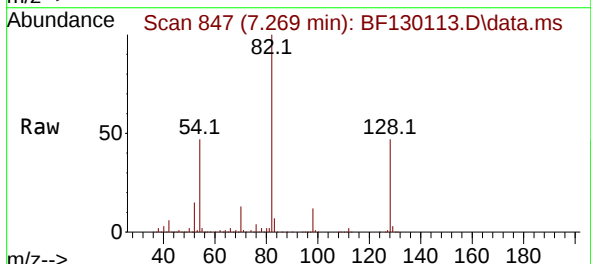
Instrument :
BNA_F
ClientSampleId :
DUP-Y

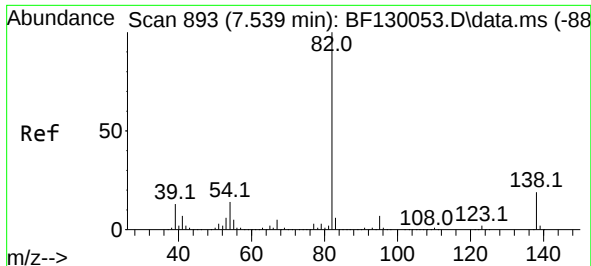
Tgt Ion:136 Resp: 840351
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 95.443 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion: 82 Resp: 1248027
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 46.7 40.0 60.0

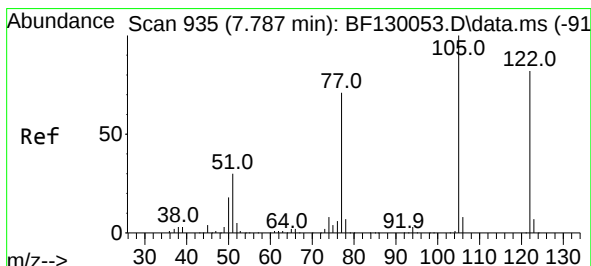
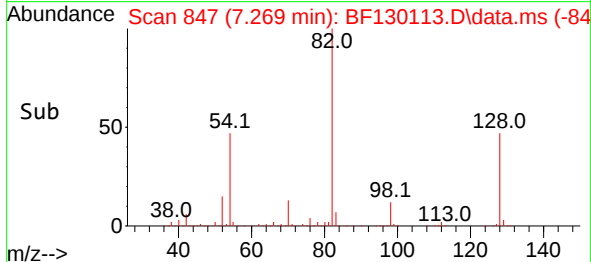
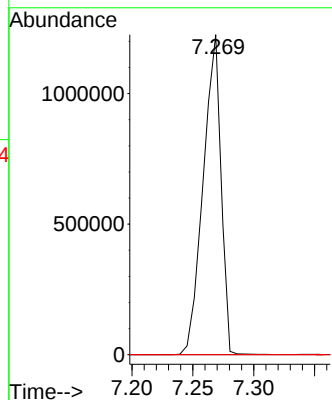
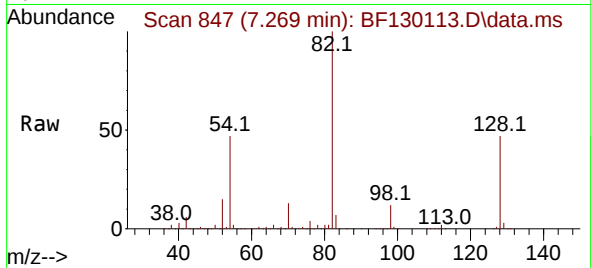




#25
Isophorone
Concen: 46.979 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

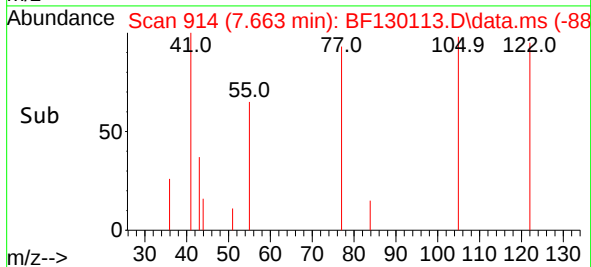
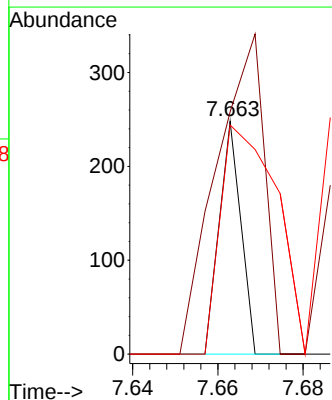
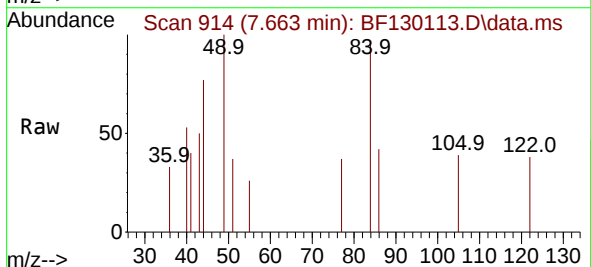
Instrument :
BNA_F
ClientSampleId :
DUP-Y

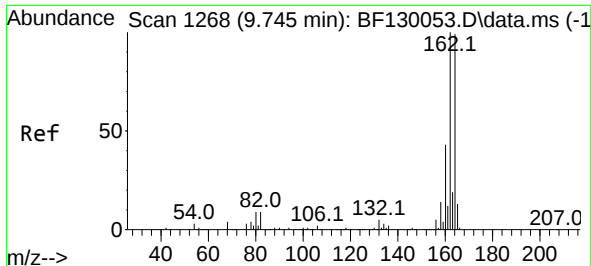
Tgt Ion: 82 Resp: 1243360
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.581 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion: 122 Resp: 88
Ion Ratio Lower Upper
122 100
105 104.0 99.9 139.9
77 98.4 65.9 105.9

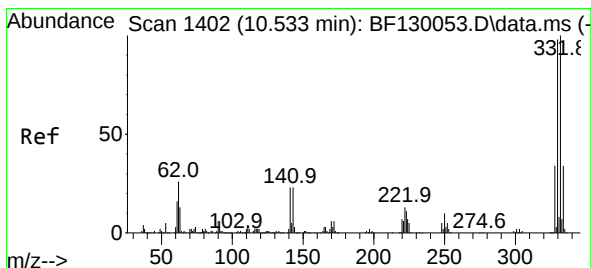
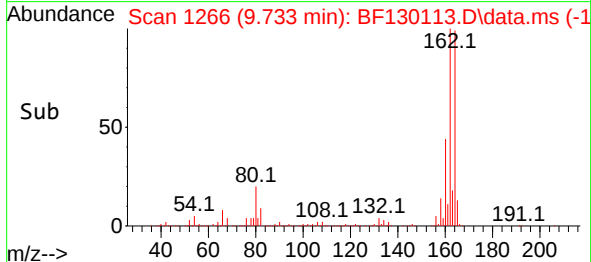
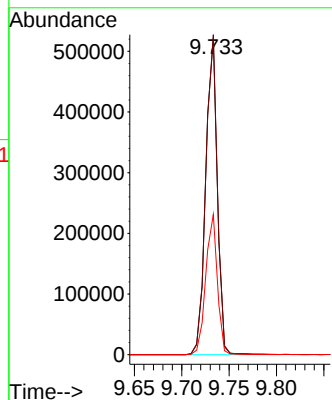
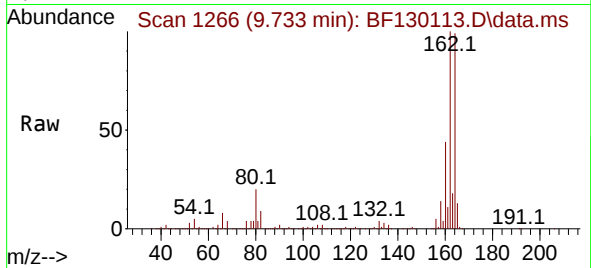




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

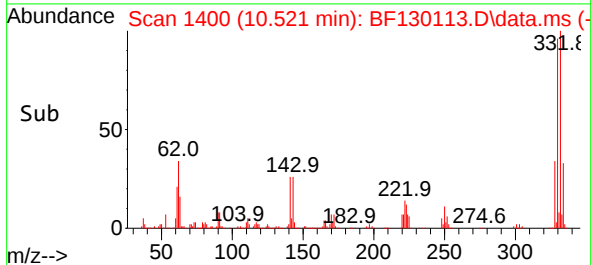
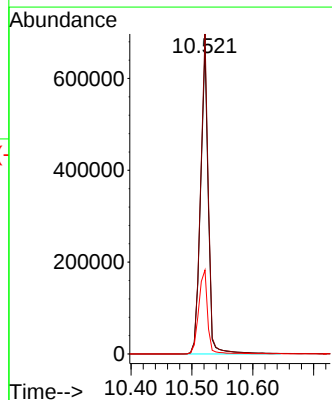
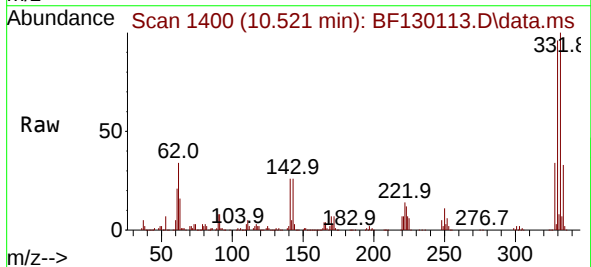
Instrument :
BNA_F
ClientSampleId :
DUP-Y

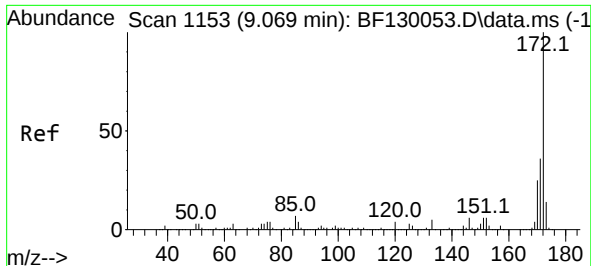
Tgt Ion:164 Resp: 443579
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 146.817 ng
RT: 10.521 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:330 Resp: 592819
Ion Ratio Lower Upper
330 100
332 104.5 82.6 124.0
141 31.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 83.949 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130113.D

Acq: 02 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

DUP-Y

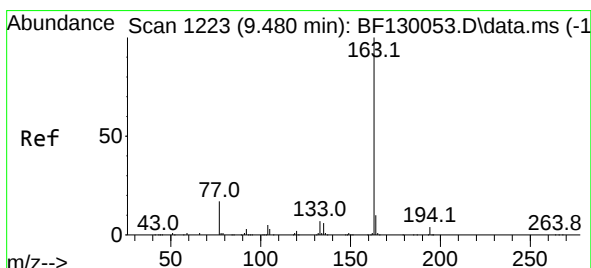
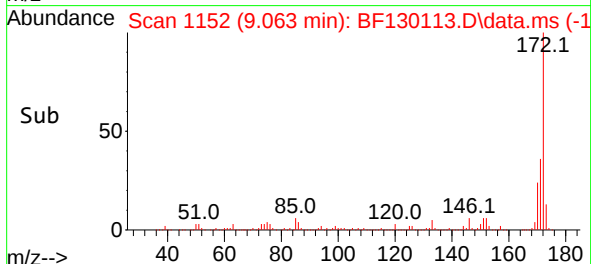
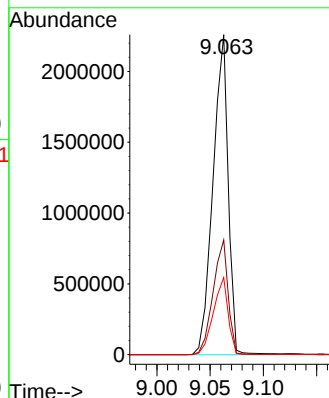
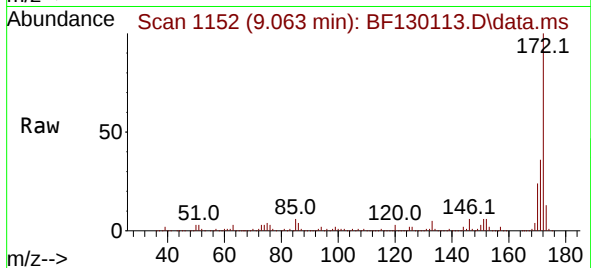
Tgt Ion:172 Resp: 2246012

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.745 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130113.D

Acq: 02 Sep 2022 16:13

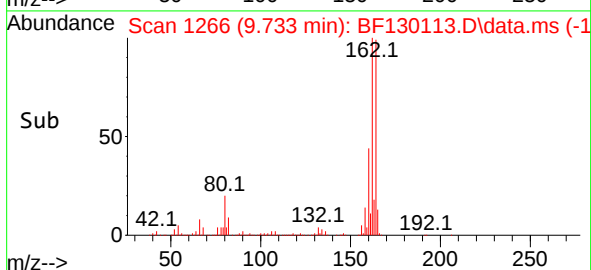
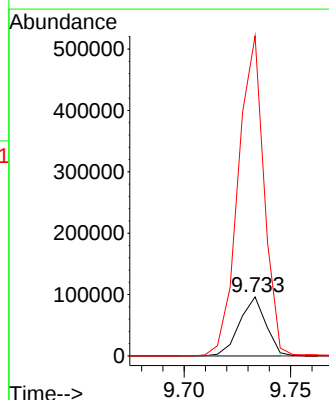
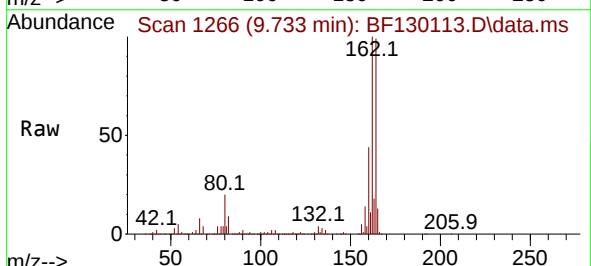
Tgt Ion:163 Resp: 82920

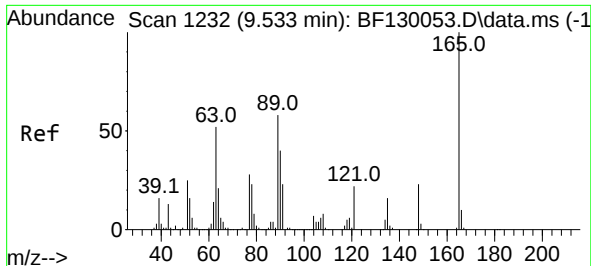
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 541.5 8.2 12.2#

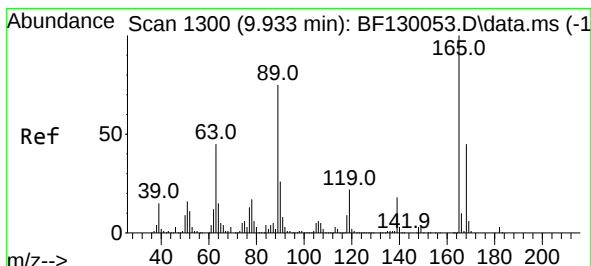
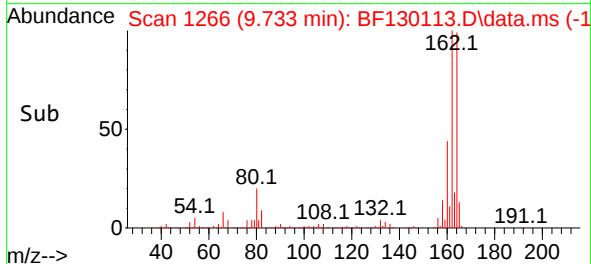
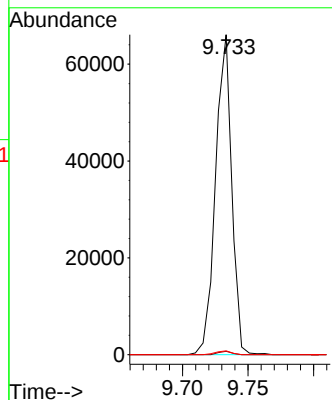
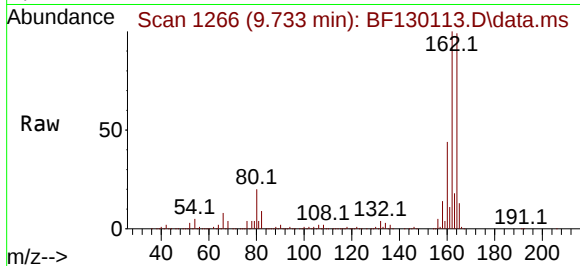




#51
2,6-Dinitrotoluene
Concen: 9.594 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

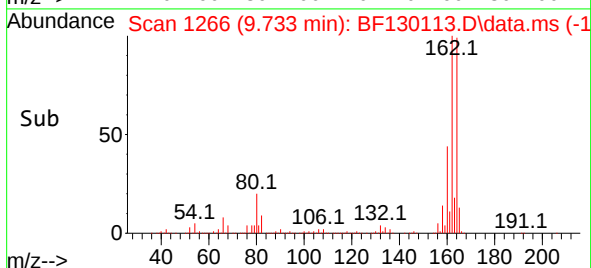
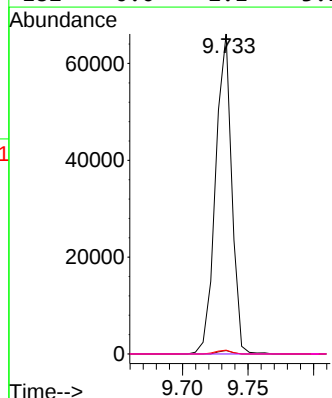
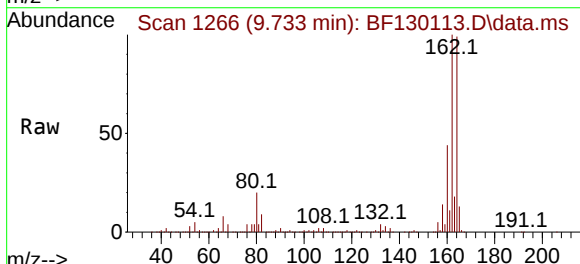
Instrument :
BNA_F
ClientSampleId :
DUP-Y

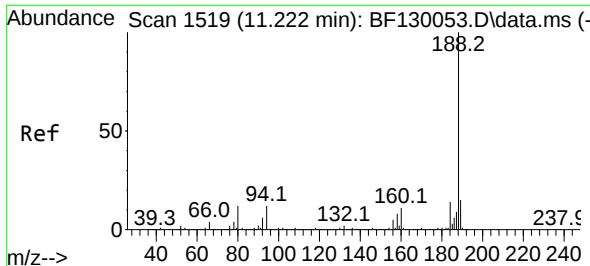
Tgt Ion:165 Resp: 56515
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.333 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:165 Resp: 56515
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#

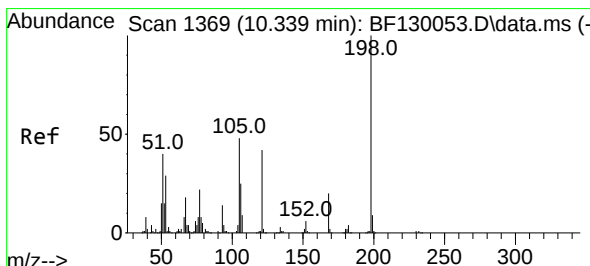
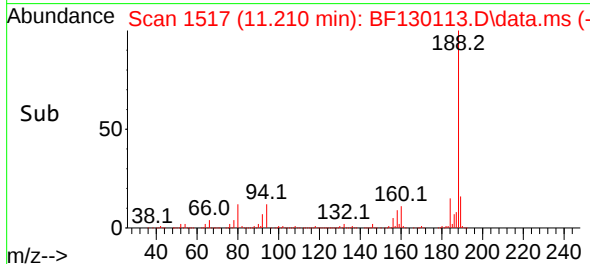
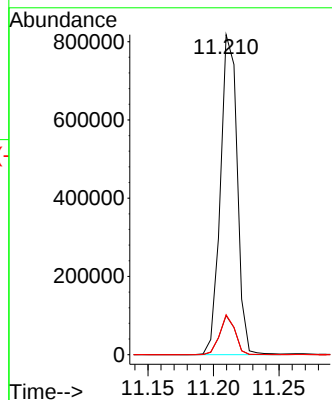
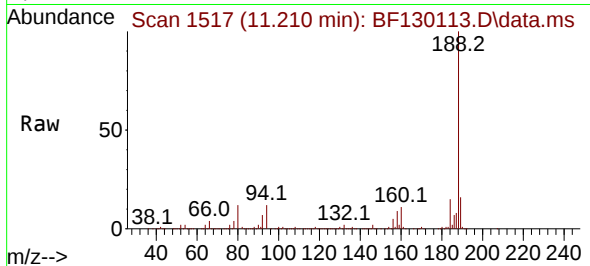




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

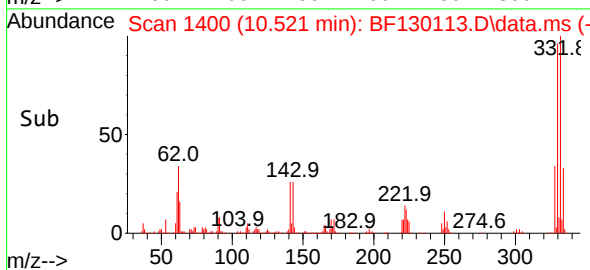
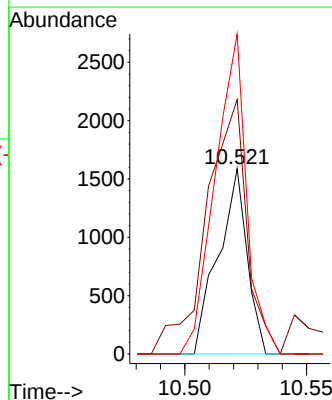
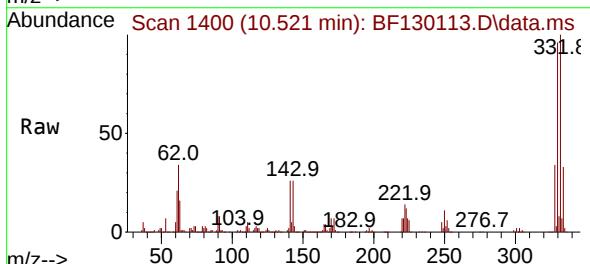
Instrument :
BNA_F
ClientSampleId :
DUP-Y

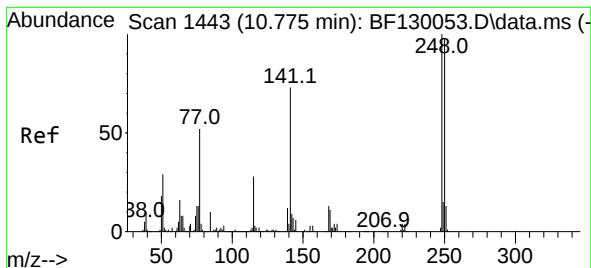
Tgt Ion:188 Resp: 727590
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 12.5 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.414 ng
RT: 10.521 min Scan# 1400
Delta R.T. 0.182 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:198 Resp: 1308
Ion Ratio Lower Upper
198 100
51 137.3 29.4 69.4#
105 172.6 29.2 69.2#

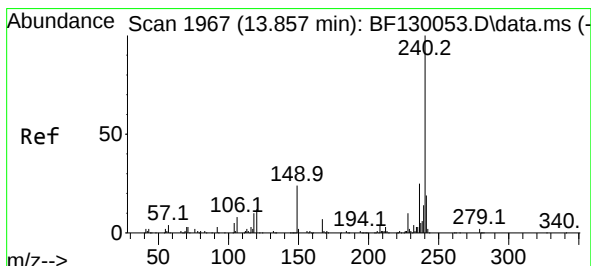
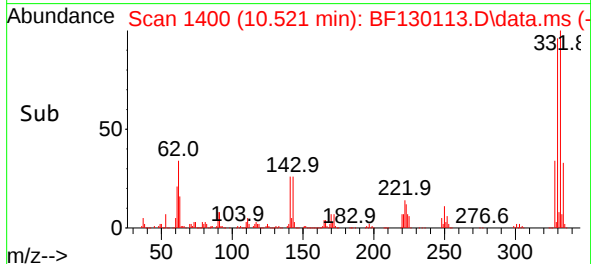
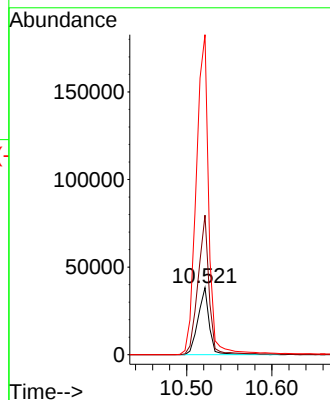
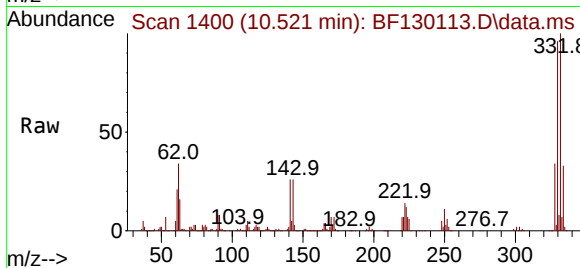




#67
4-Bromophenyl-phenylether
Concen: 4.321 ng
RT: 10.521 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

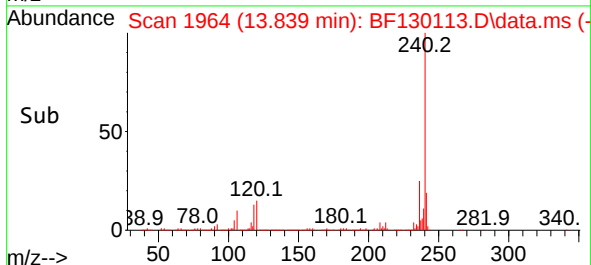
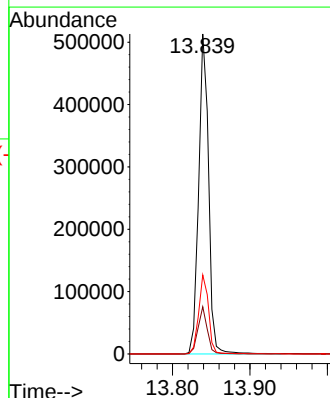
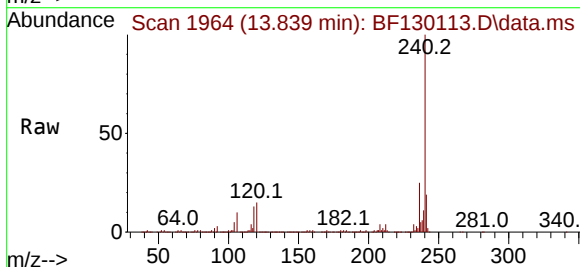
Instrument :
BNA_F
ClientSampleId :
DUP-Y

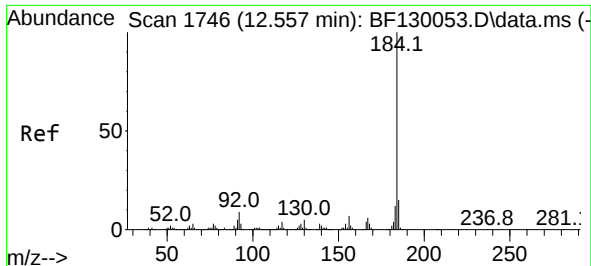
Tgt Ion:248 Resp: 34970
Ion Ratio Lower Upper
248 100
250 208.5 77.8 116.6#
141 477.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:240 Resp: 455119
Ion Ratio Lower Upper
240 100
120 14.7 9.2 13.8#
236 24.7 20.7 31.1

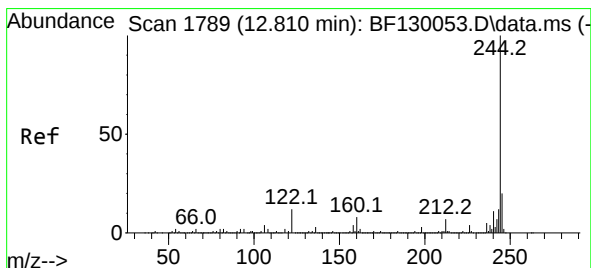
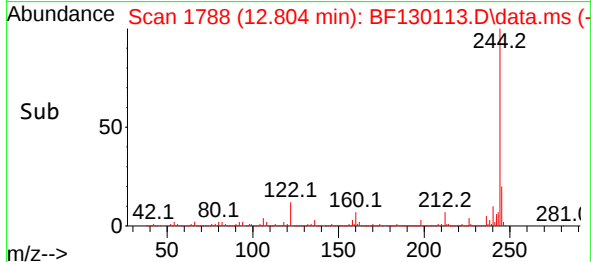
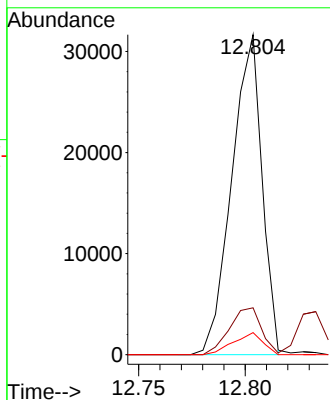
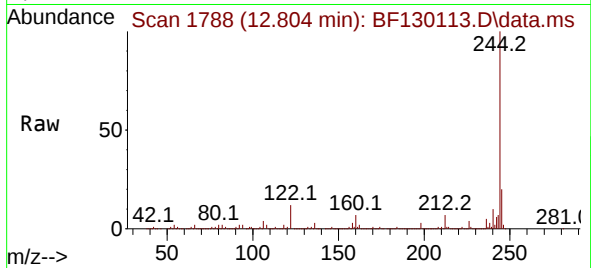




#77
Benzidine
Concen: 2.544 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

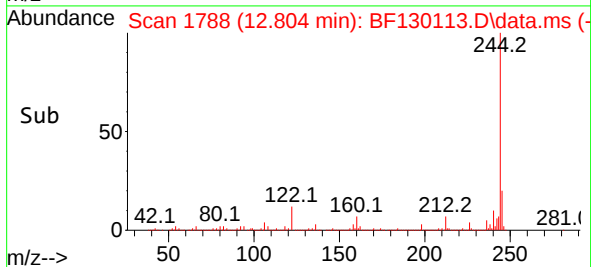
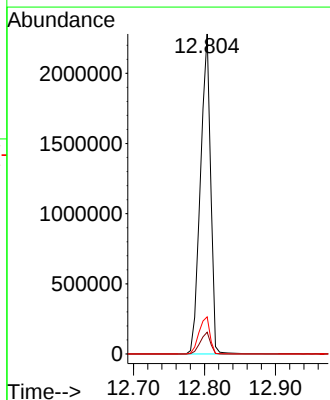
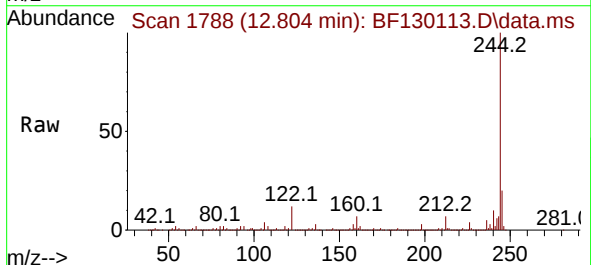
Instrument :
BNA_F
ClientSampleId :
DUP-Y

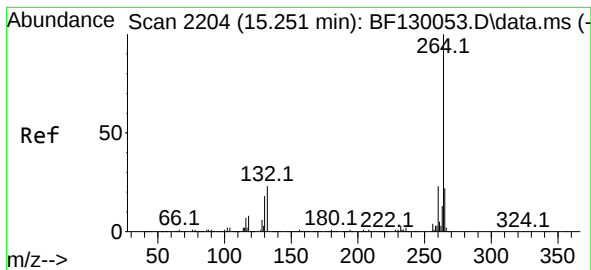
Tgt Ion:184 Resp: 31259
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.891 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130113.D
Acq: 02 Sep 2022 16:13

Tgt Ion:244 Resp: 2280454
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.6 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: BF130113.D
Acq: 02 Sep 2022 16:13

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tgt Ion:264 Resp: 368615
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 21.2 16.7 25.1

