

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130104.D
 Acq On : 02 Sep 2022 11:25
 Operator : CG\JU
 Sample : N4379-10RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-10-12

Quant Time: Sep 03 05:40:42 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)

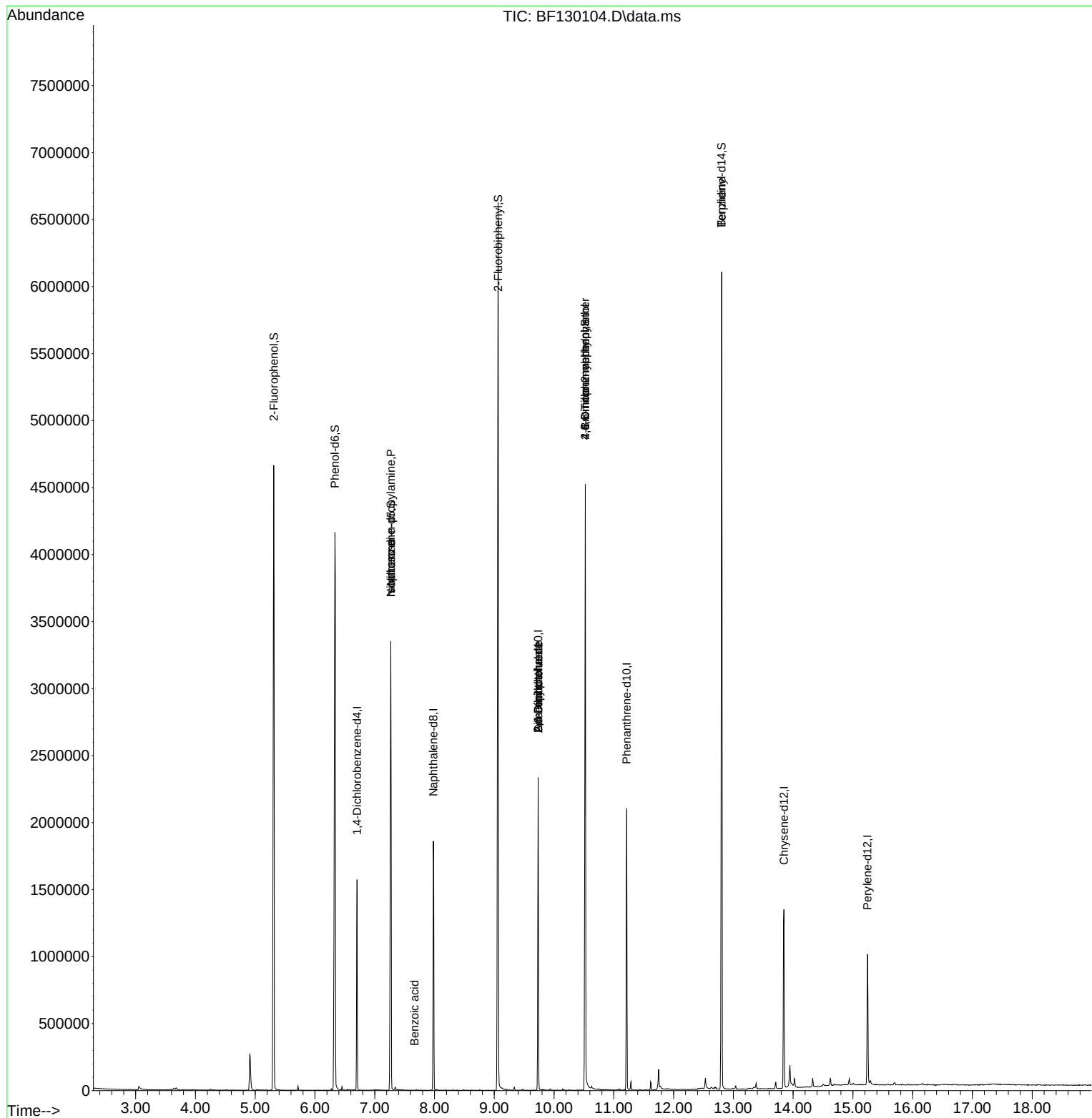
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	219661	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	851233	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	442215	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	712618	20.000	ng	0.00
76) Chrysene-d12	13.845	240	448117	20.000	ng	-0.01
86) Perylene-d12	15.245	264	388190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1667721	128.890	ng	0.00
7) Phenol-d6	6.334	99	2101725	130.288	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1266877	95.646	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	567511	140.983	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2235724	83.822	ng	0.00
79) Terphenyl-d14	12.804	244	2174220	84.138	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	163049	16.778	ng	# 73
25) Isophorone	7.269	82	1262066	47.077	ng	# 65
32) Benzoic acid	7.663	122	206	6.592	ng	# 60
50) Dimethylphthalate	9.734	163	82804	2.749	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	57097	9.723	ng	# 23
57) 2,4-Dinitrotoluene	9.734	165	57097	8.445	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.522	198	1313	6.422	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	33770	4.260	ng	# 1
77) Benzidine	12.804	184	28760	2.377	ng	# 91

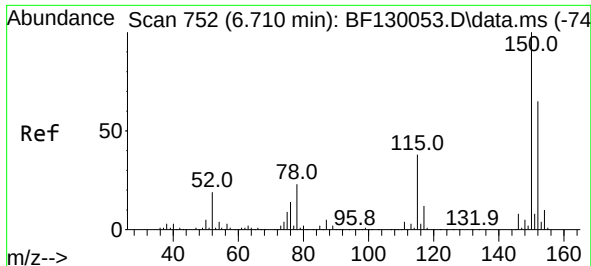
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:40:42 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

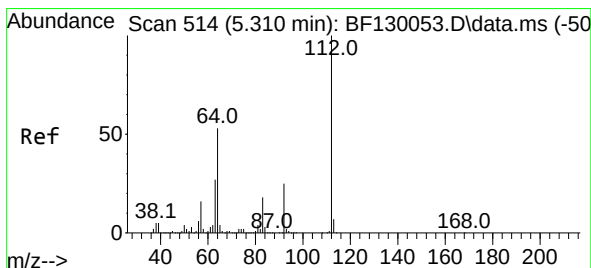
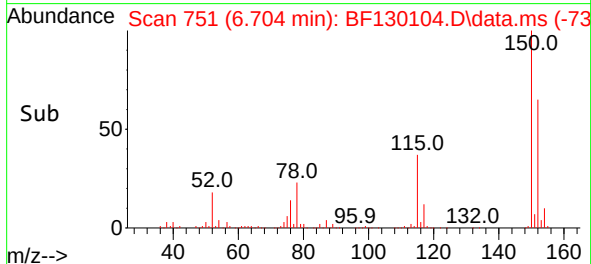
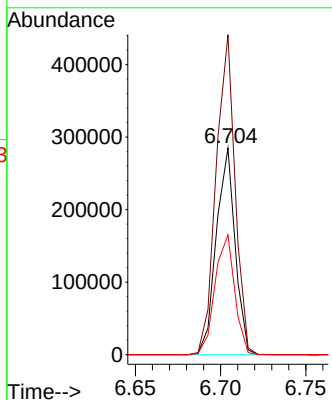
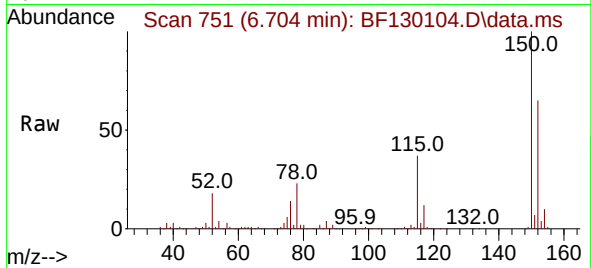




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

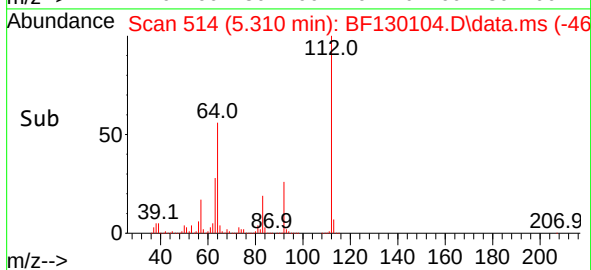
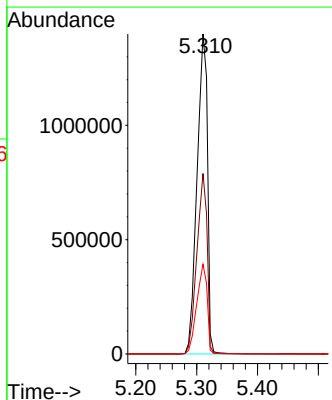
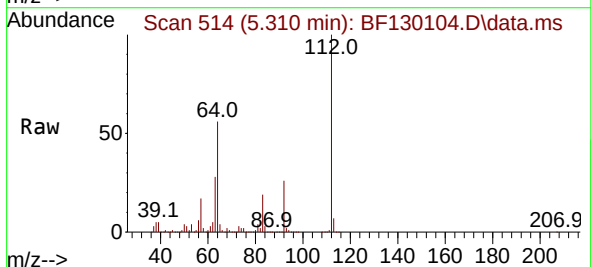
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

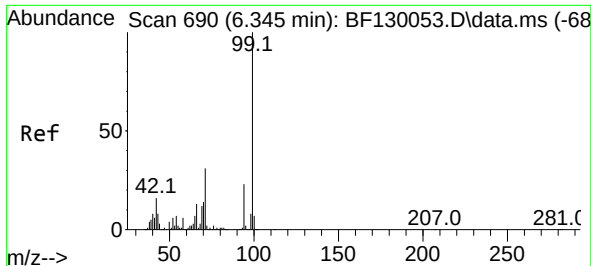
Tgt Ion:152 Resp: 219661
Ion Ratio Lower Upper
152 100
150 155.0 126.9 190.3
115 57.9 53.4 80.0



#5
2-Fluorophenol
Concen: 128.890 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

Tgt Ion:112 Resp: 1667721
Ion Ratio Lower Upper
112 100
64 56.4 47.6 71.4
63 28.1 24.6 37.0

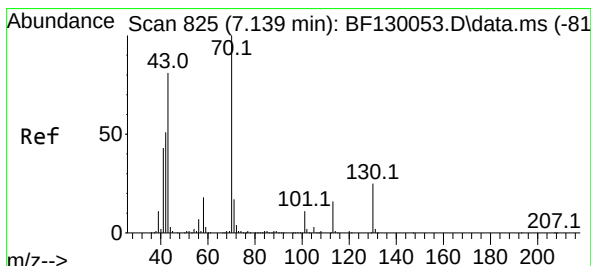
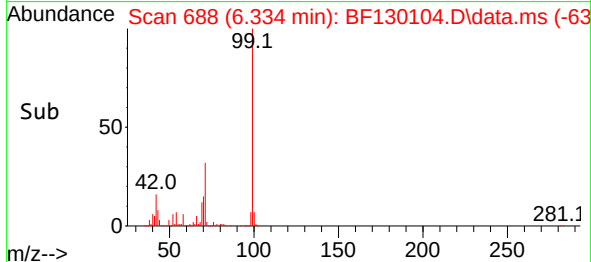
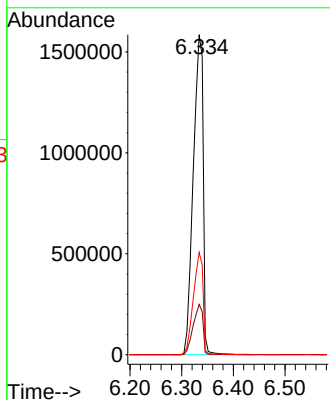
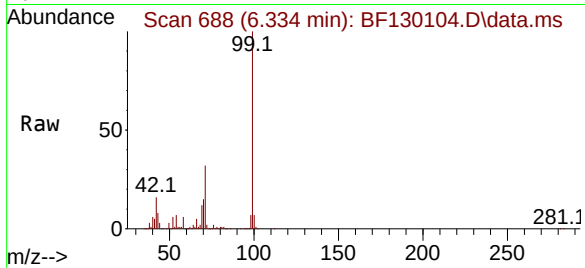




#7
Phenol-d6
Concen: 130.288 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

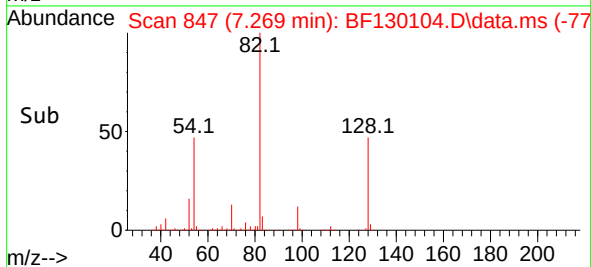
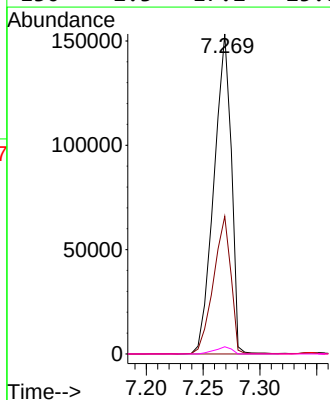
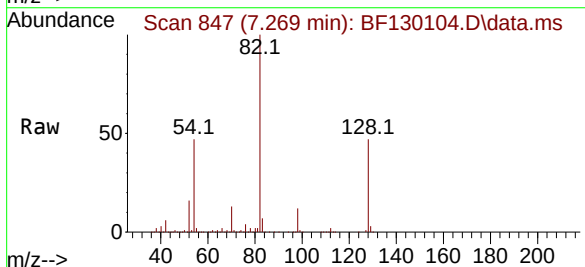
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

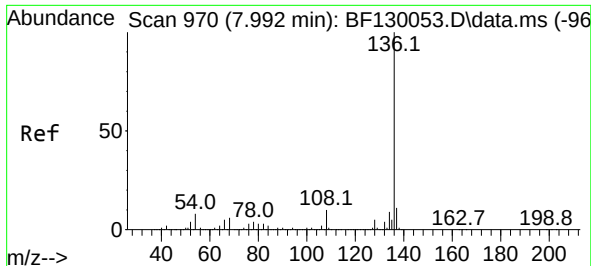
Tgt Ion: 99 Resp: 2101725
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 31.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.778 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.130 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

Tgt Ion: 70 Resp: 163049
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

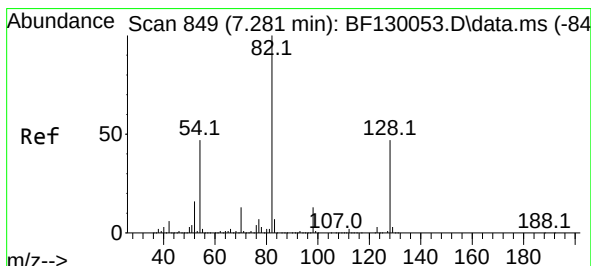
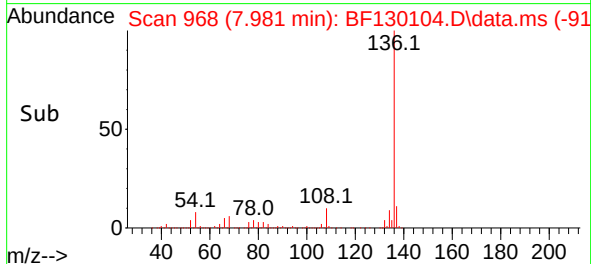
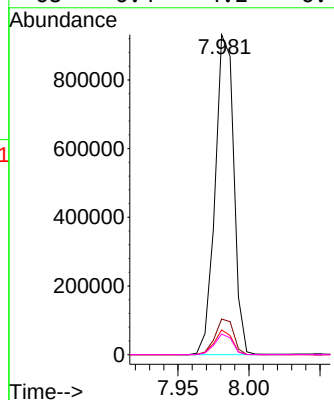
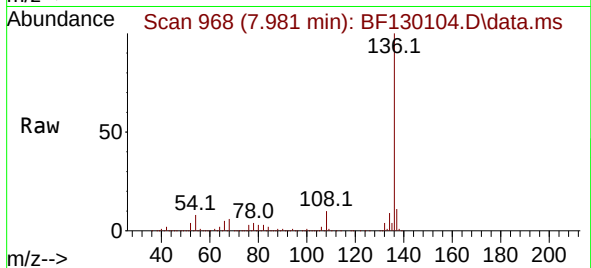




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

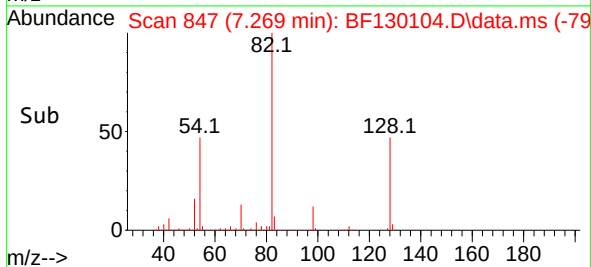
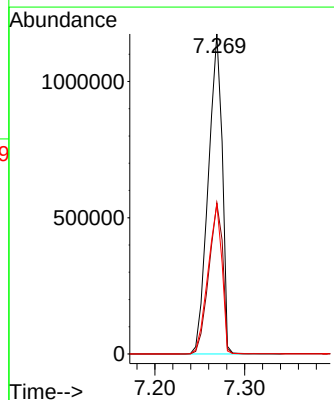
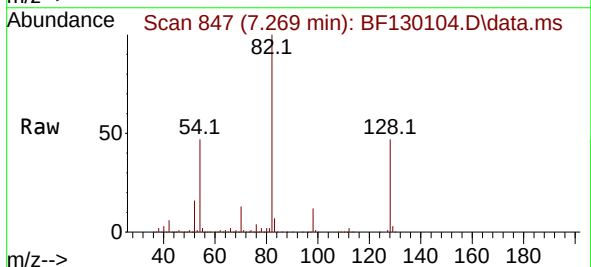
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

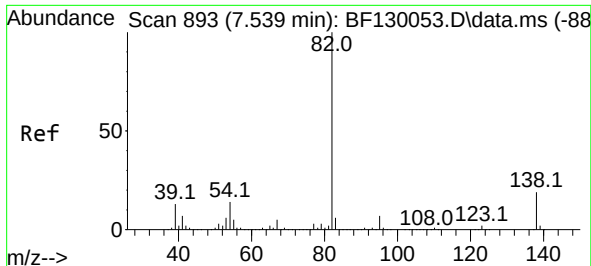
Tgt Ion:136 Resp: 851233
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.7 6.2 9.2
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 95.646 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

Tgt Ion: 82 Resp: 1266877
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 46.8 40.0 60.0

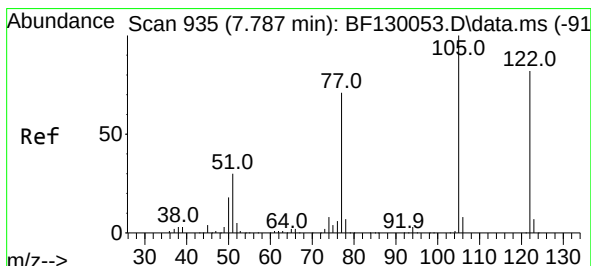
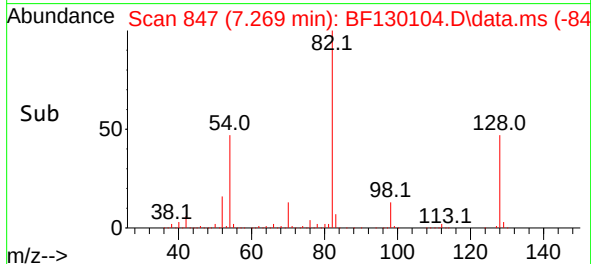
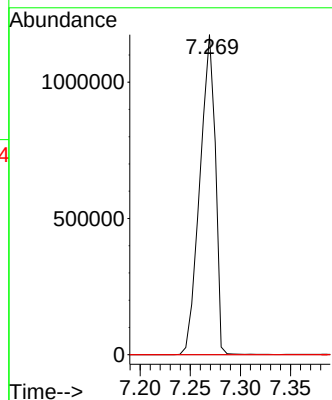
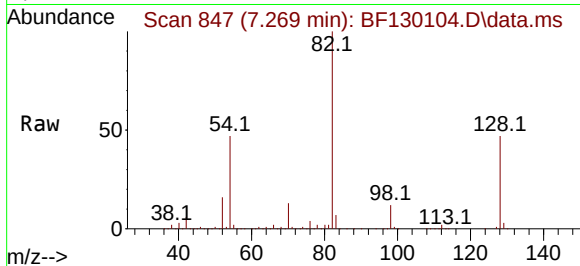




#25
Isophorone
Concen: 47.077 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

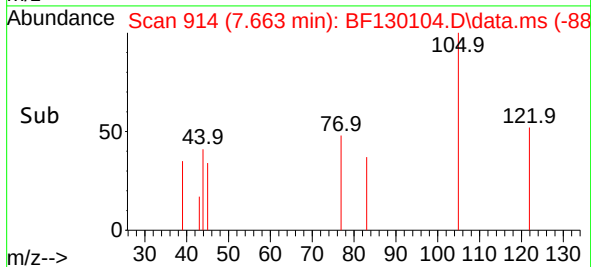
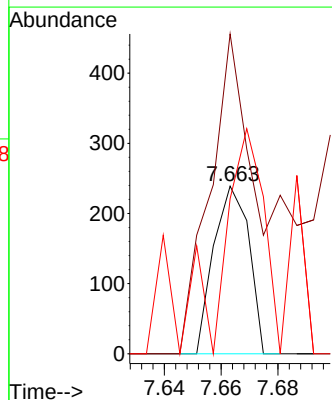
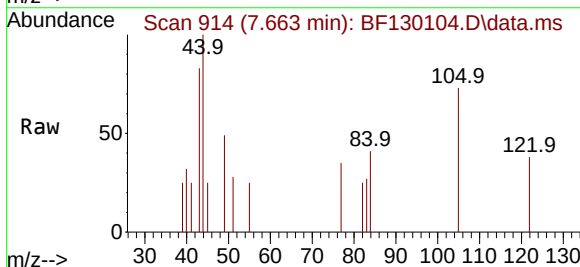
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

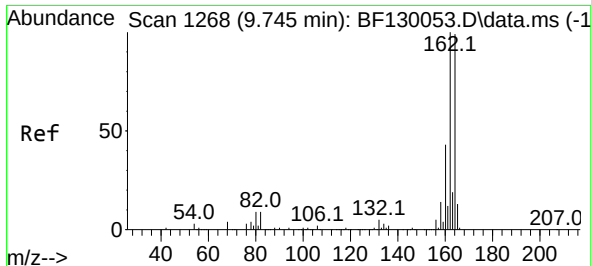
Tgt Ion: 82 Resp: 1262066
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.592 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

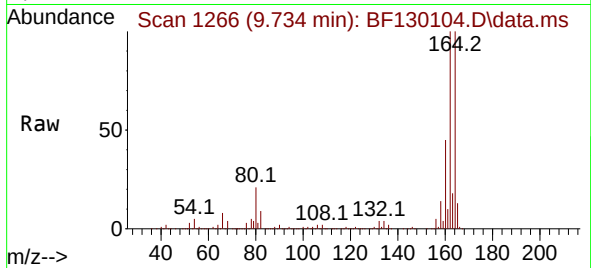
Tgt Ion: 122 Resp: 206
Ion Ratio Lower Upper
122 100
105 190.8 99.9 139.9#
77 92.5 65.9 105.9



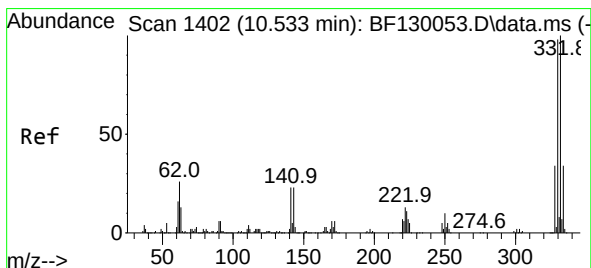
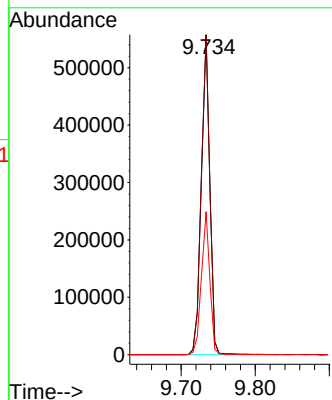
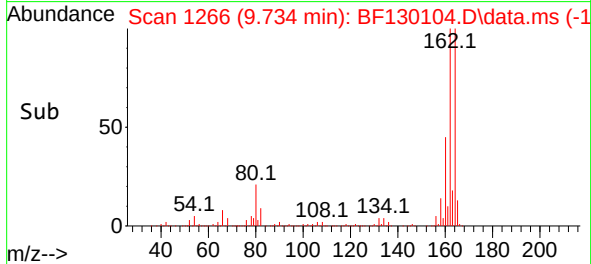


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

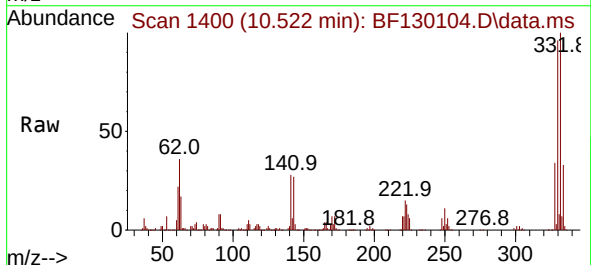
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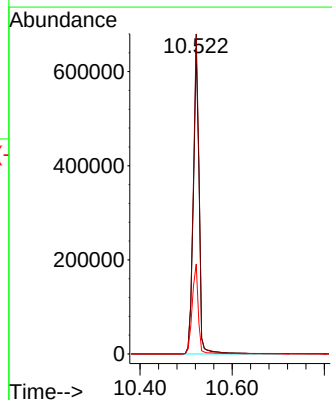
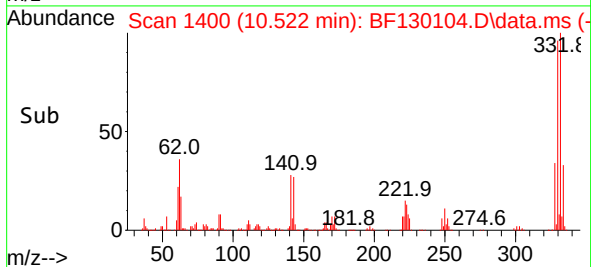
Tgt Ion:164 Resp: 442215
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 44.7 35.4 53.0

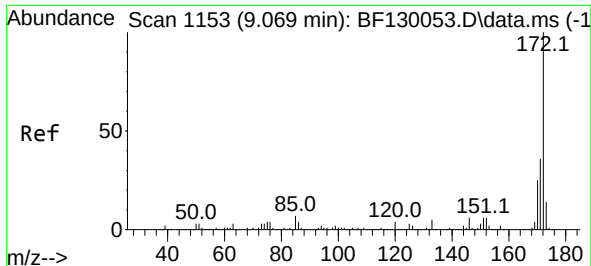


#42
2,4,6-Tribromophenol
Concen: 140.983 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25



Tgt Ion:330 Resp: 567511
Ion Ratio Lower Upper
330 100
332 104.1 82.6 124.0
141 30.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 83.822 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130104.D

Acq: 02 Sep 2022 11:25

Instrument :

BNA_F

ClientSampleId :

SB-05-10-12

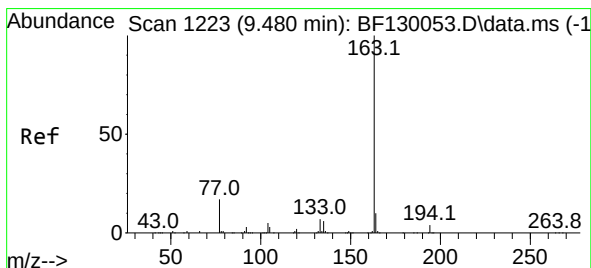
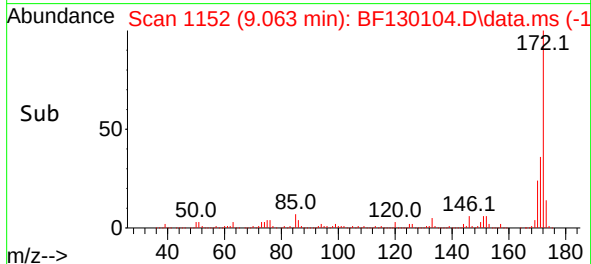
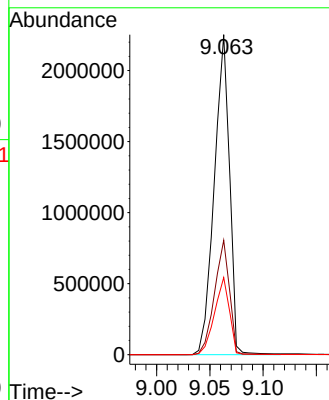
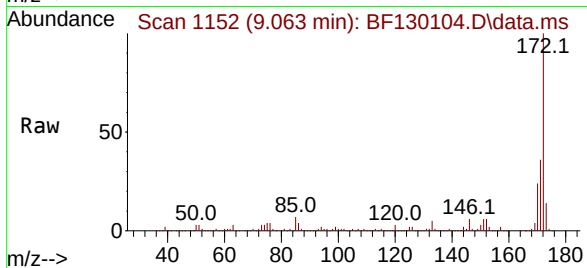
Tgt Ion:172 Resp: 2235724

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.749 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130104.D

Acq: 02 Sep 2022 11:25

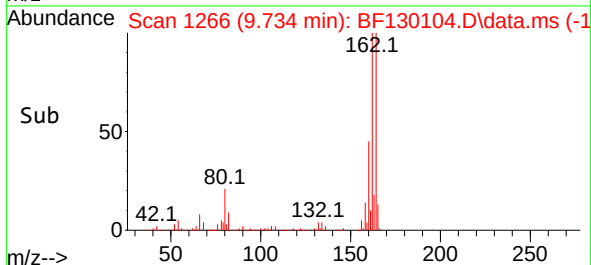
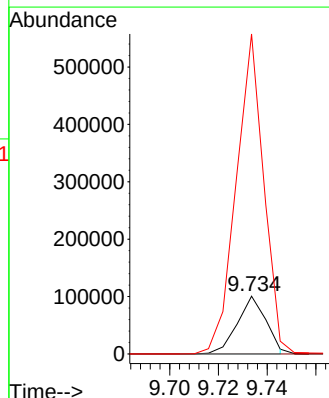
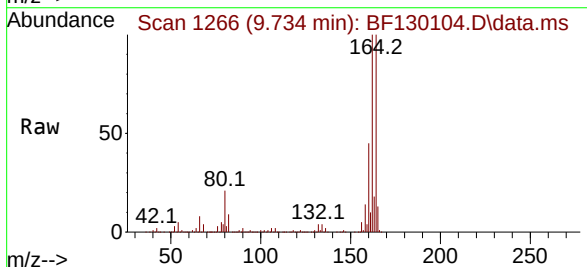
Tgt Ion:163 Resp: 82804

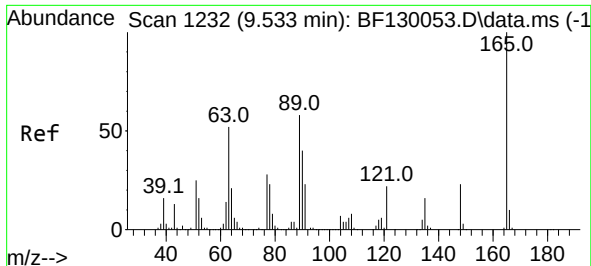
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 553.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.723 ng

RT: 9.734 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF130104.D

Acq: 02 Sep 2022 11:25

Instrument :

BNA_F

ClientSampleId :

SB-05-10-12

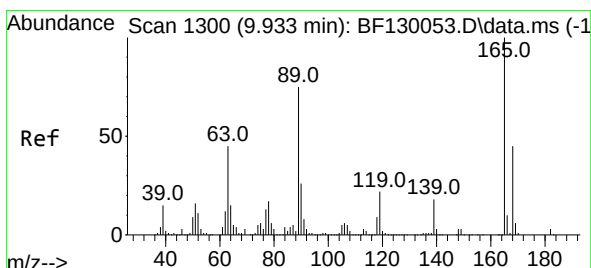
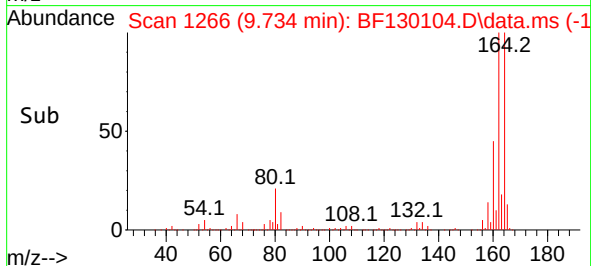
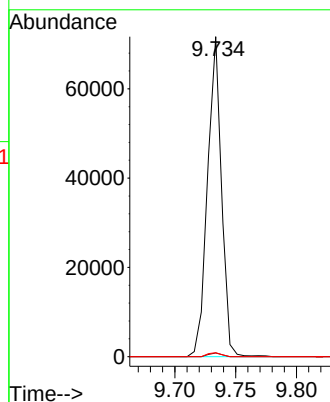
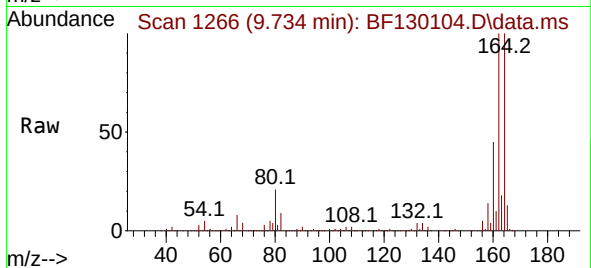
Tgt Ion:165 Resp: 57097

Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.445 ng

RT: 9.734 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130104.D

Acq: 02 Sep 2022 11:25

Tgt Ion:165 Resp: 57097

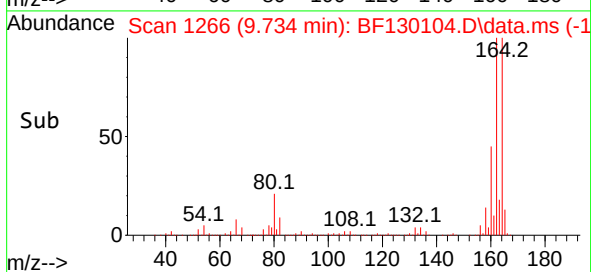
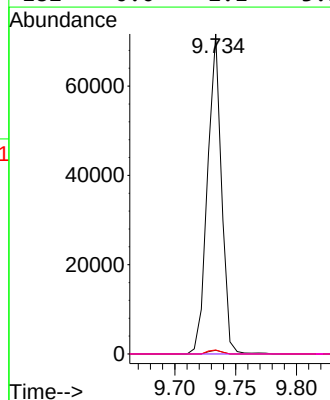
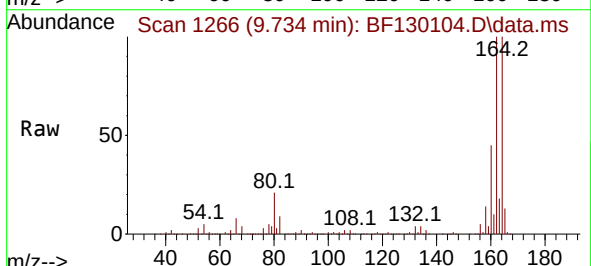
Ion Ratio Lower Upper

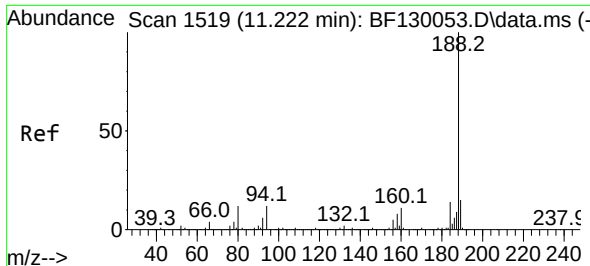
165 100

63 1.2 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#

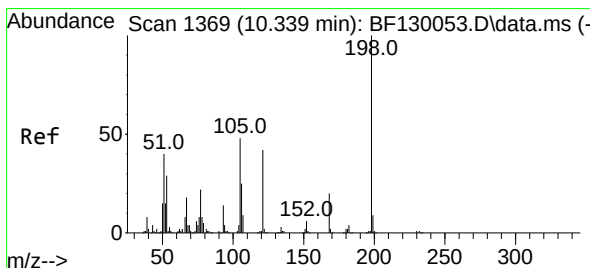
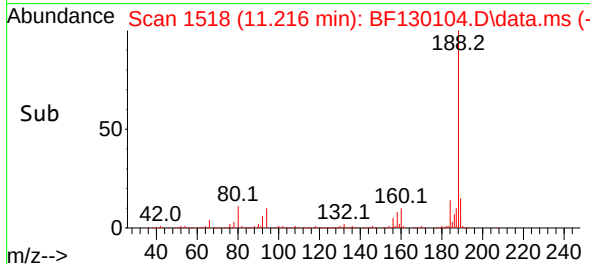
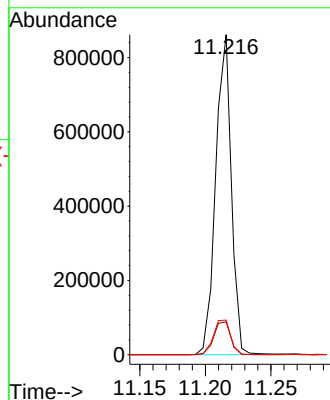
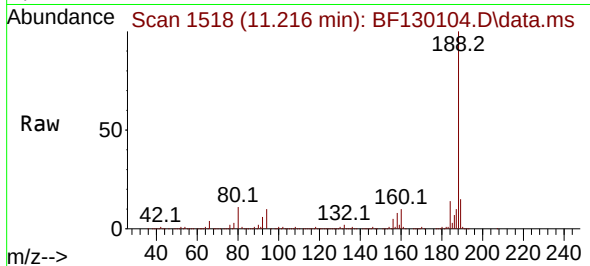




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

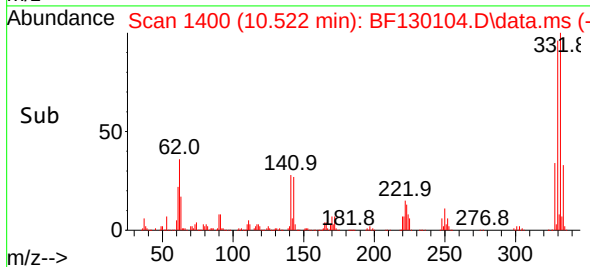
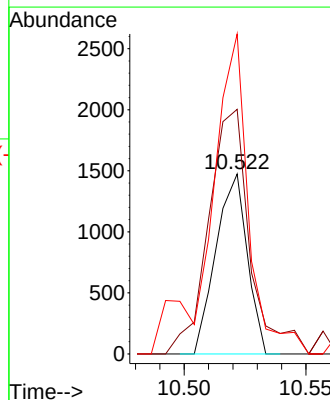
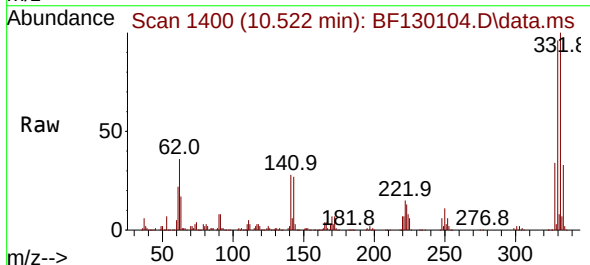
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

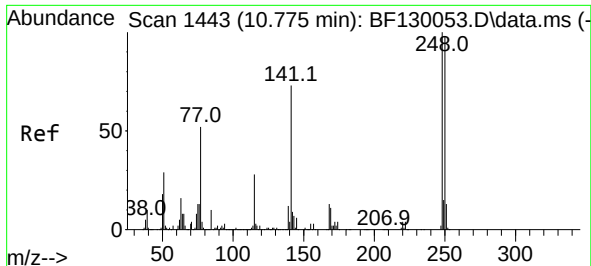
Tgt Ion:188 Resp: 712618
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.422 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

Tgt Ion:198 Resp: 1313
Ion Ratio Lower Upper
198 100
51 136.0 29.4 69.4#
105 177.8 29.2 69.2#

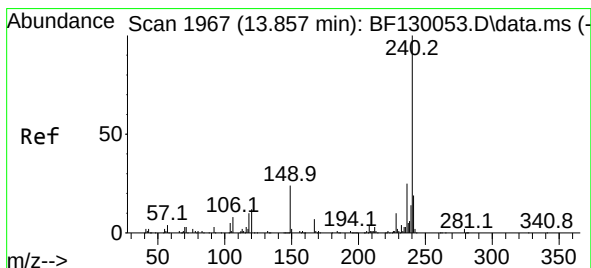
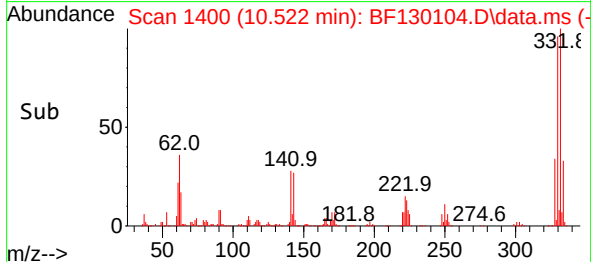
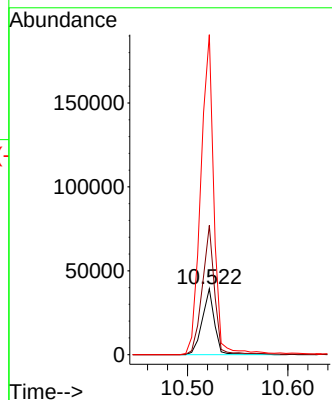
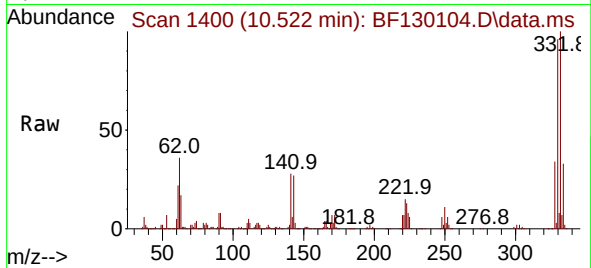




#67
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

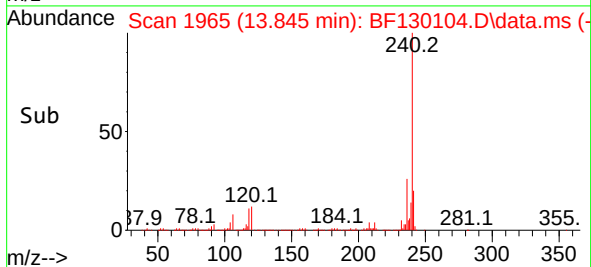
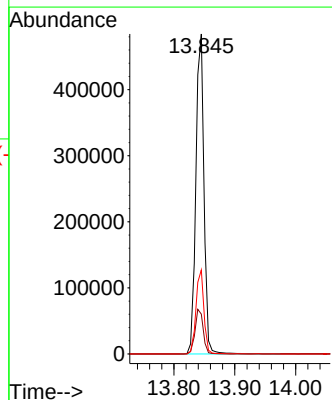
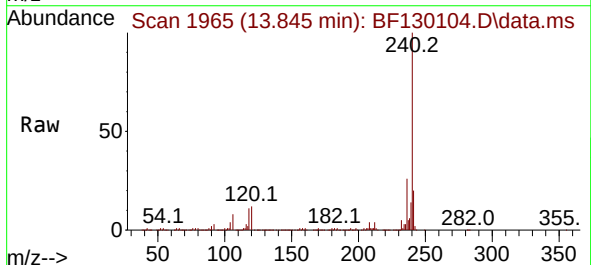
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

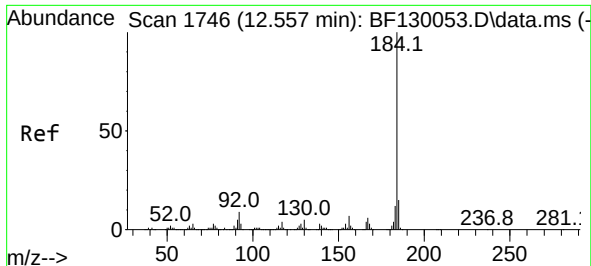
Tgt Ion:248 Resp: 33770
Ion Ratio Lower Upper
248 100
250 196.0 77.8 116.6#
141 484.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

Tgt Ion:240 Resp: 448117
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.2 20.7 31.1

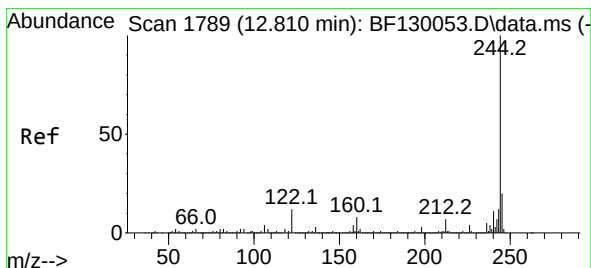
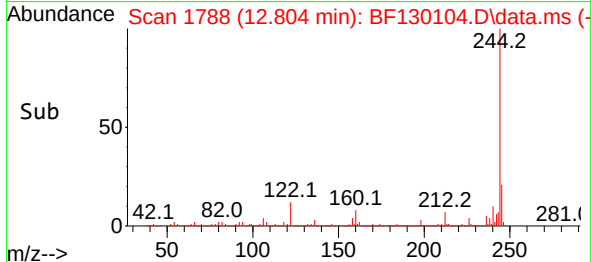
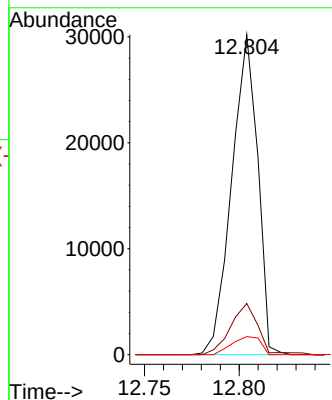
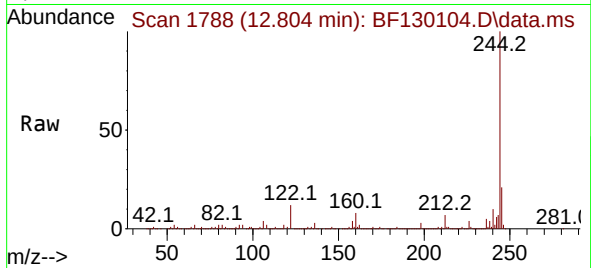




#77
Benzidine
Concen: 2.377 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

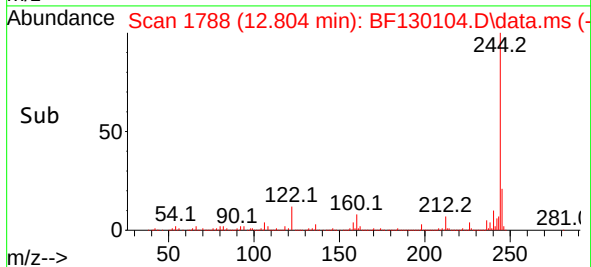
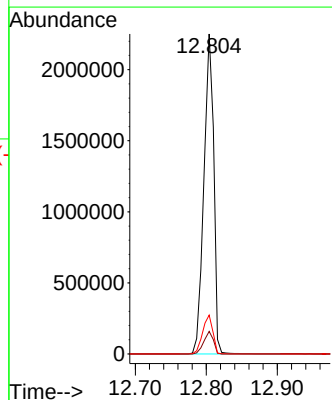
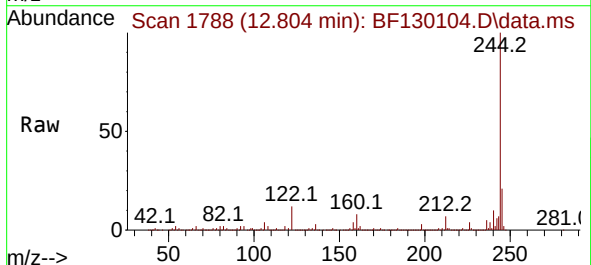
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

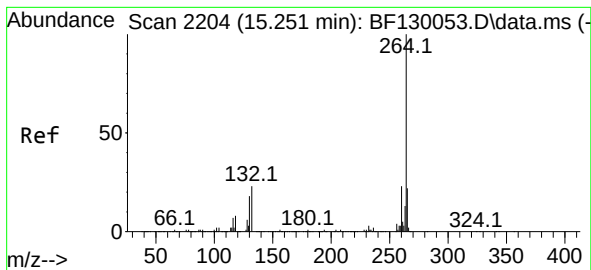
Tgt Ion:184 Resp: 28760
Ion Ratio Lower Upper
184 100
185 16.0 11.4 17.2
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.138 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130104.D
Acq: 02 Sep 2022 11:25

Tgt Ion:244 Resp: 2174220
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.2 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: BF130104.D
Acq: 02 Sep 2022 11:25

Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

Tgt Ion:264 Resp: 388190
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.6 16.7 25.1

