

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130112.D
 Acq On : 02 Sep 2022 15:40
 Operator : CG\JU
 Sample : PB147367TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147367TB

Quant Time: Sep 03 05:45:24 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)

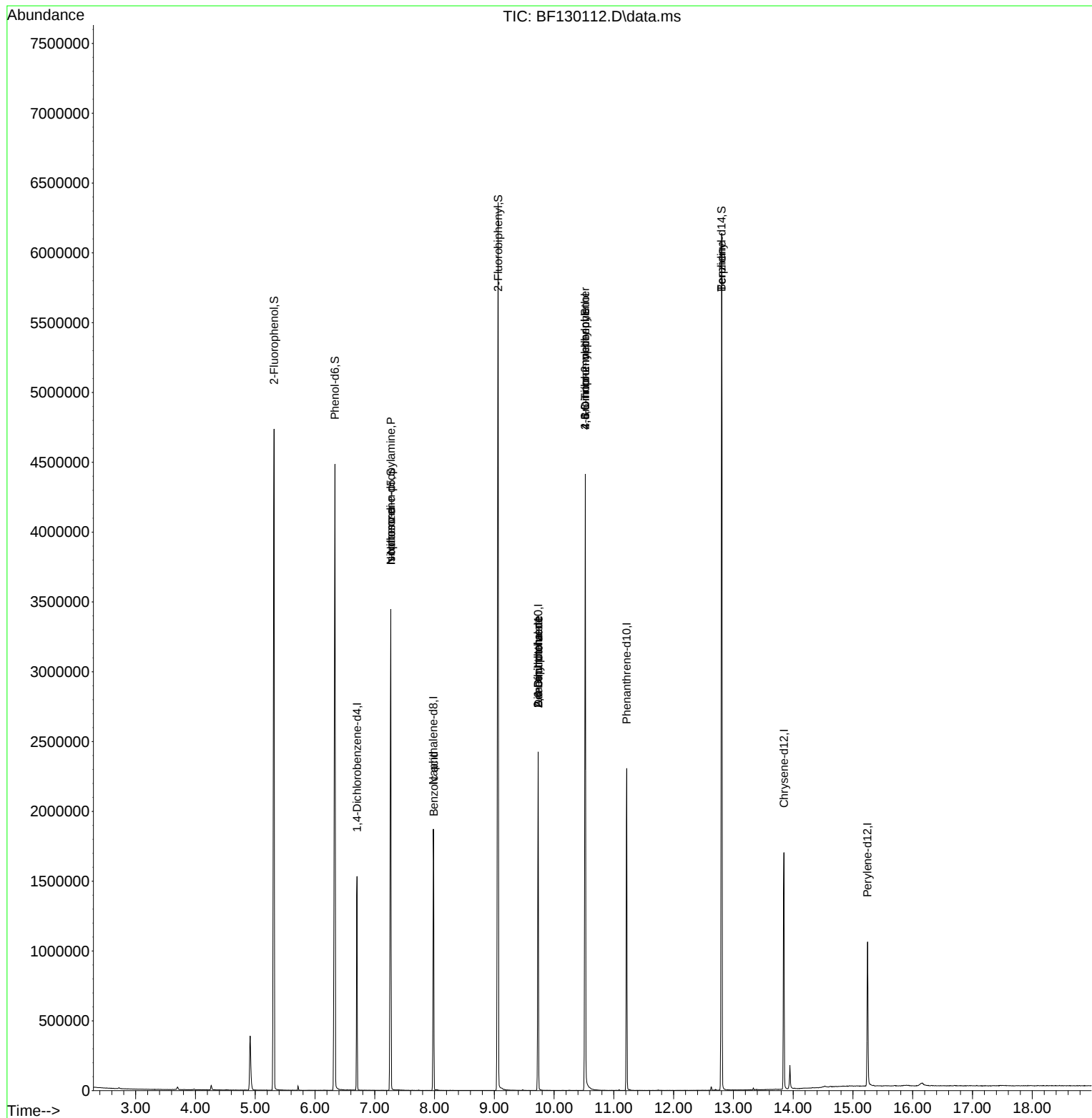
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	232250	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	914327	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	481258	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	820277	20.000	ng	0.00
76) Chrysene-d12	13.845	240	551697	20.000	ng	-0.01
86) Perylene-d12	15.245	264	413774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1660240	121.357	ng	0.00
7) Phenol-d6	6.334	99	2026493	118.815	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1220260	85.770	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	585520	133.656	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2245258	77.350	ng	0.00
79) Terphenyl-d14	12.804	244	2388447	75.075	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	157520	15.330	ng	# 72
25) Isophorone	7.269	82	1215336	42.205	ng	# 65
32) Benzoic acid	7.987	122	226	6.592	ng	# 1
50) Dimethylphthalate	9.733	163	89590	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	62814	9.829	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	62814	8.537	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1267	6.367	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	34412	3.772	ng	# 1
77) Benzidine	12.804	184	33233	2.231	ng	# 92

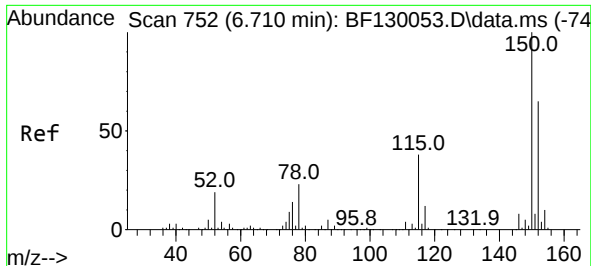
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:45:24 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

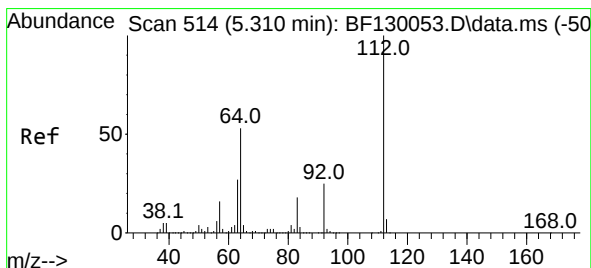
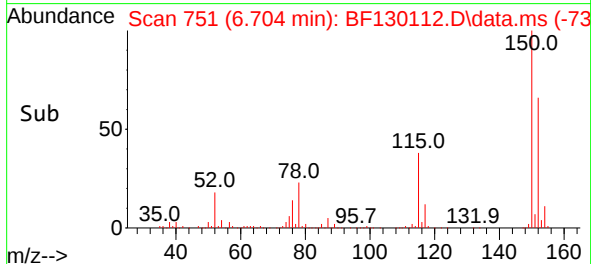
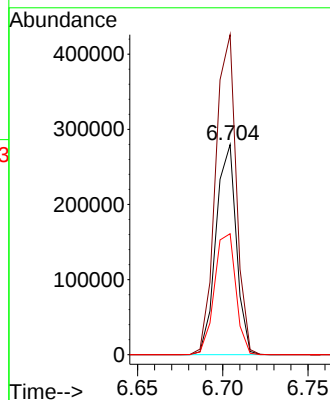
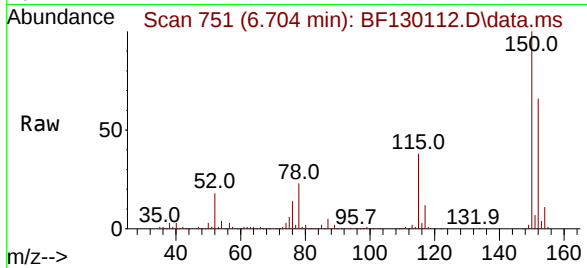




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130112.D
 Acq: 02 Sep 2022 15:40

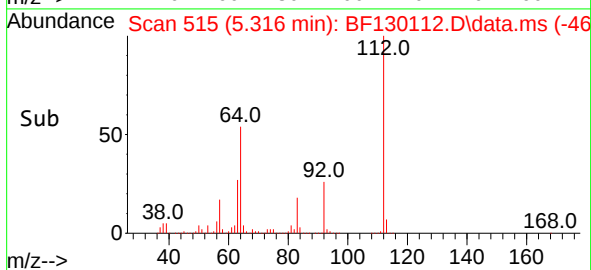
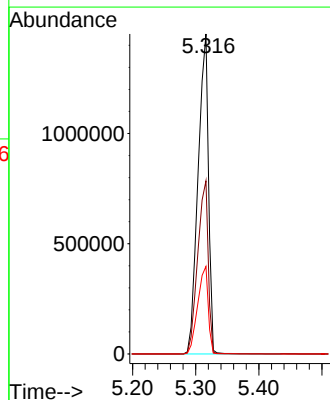
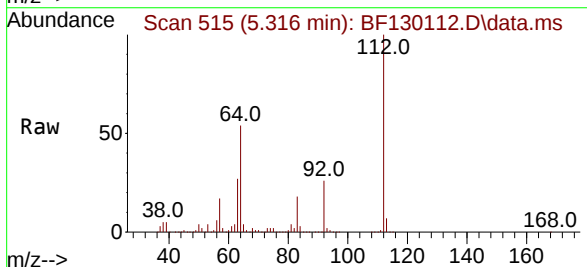
Instrument :
 BNA_F
 ClientSampleId :
 PB147367TB

Tgt Ion:152 Resp: 232250
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.9 190.3
 115 57.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 121.357 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.006 min
 Lab File: BF130112.D
 Acq: 02 Sep 2022 15:40

Tgt Ion:112 Resp: 1660240
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.6 71.4
 63 27.4 24.6 37.0

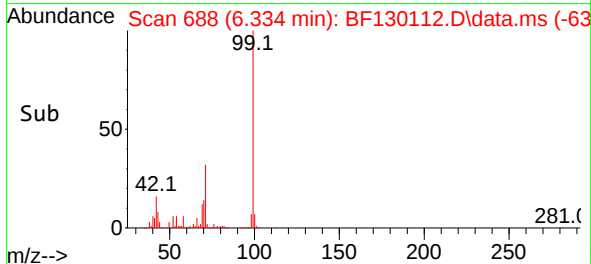
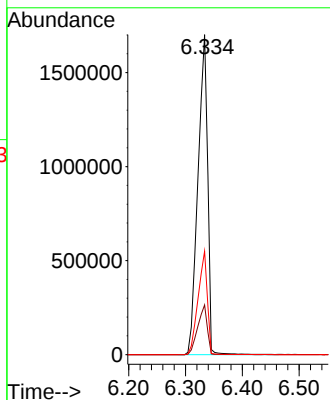
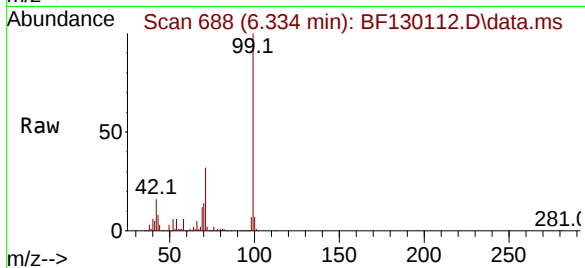




#7
Phenol-d6
Concen: 118.815 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

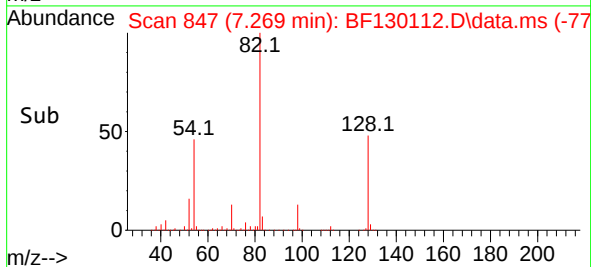
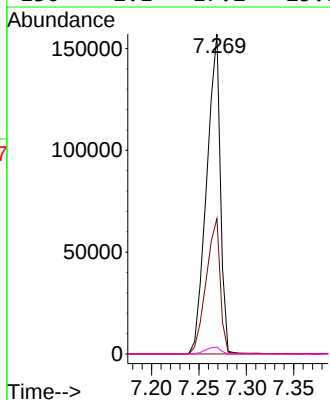
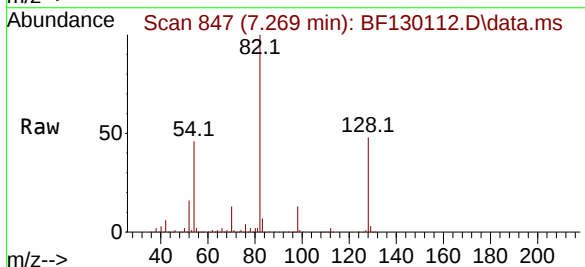
Instrument :
BNA_F
ClientSampleId :
PB147367TB

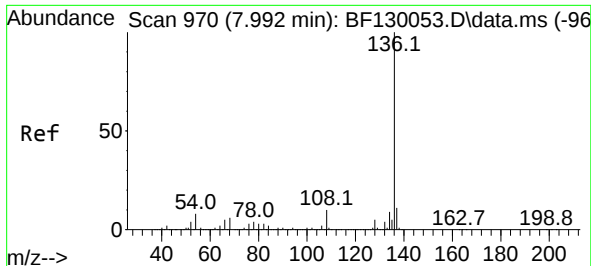
Tgt Ion: 99 Resp: 2026493
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 32.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.330 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 70 Resp: 157520
Ion Ratio Lower Upper
70 100
42 42.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

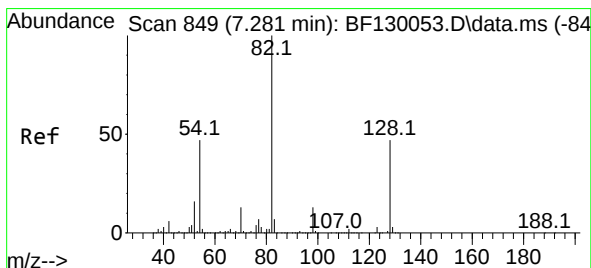
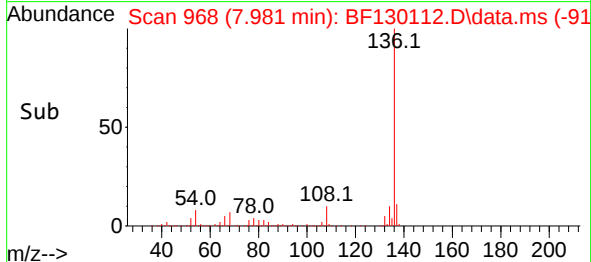
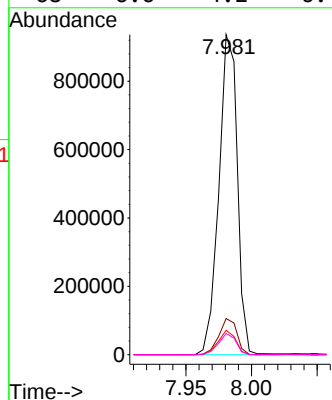
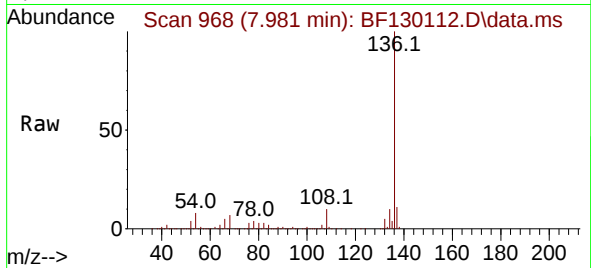




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

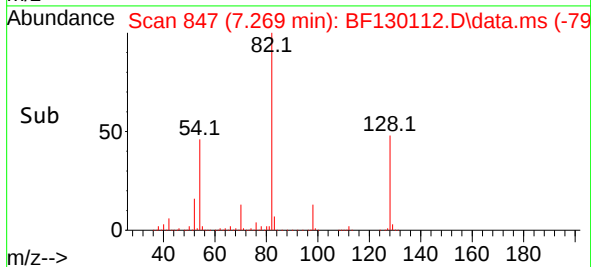
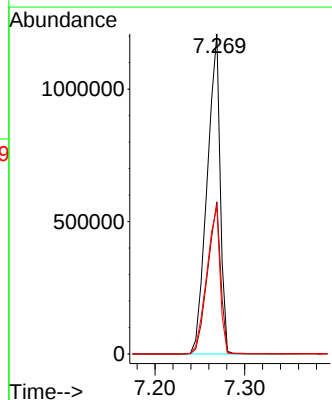
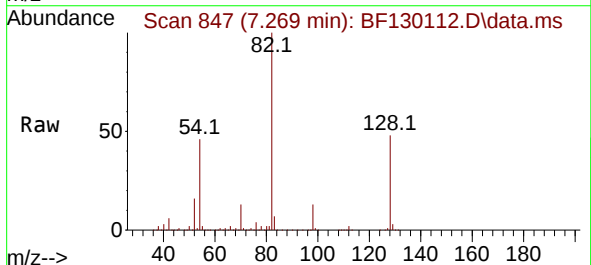
Instrument :
BNA_F
ClientSampleId :
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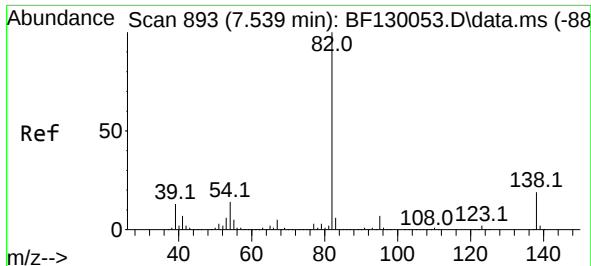
Tgt Ion:136 Resp: 914327
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.6 6.2 9.2
68 6.6 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 85.770 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Tgt Ion: 82 Resp: 1220260
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 46.1 40.0 60.0

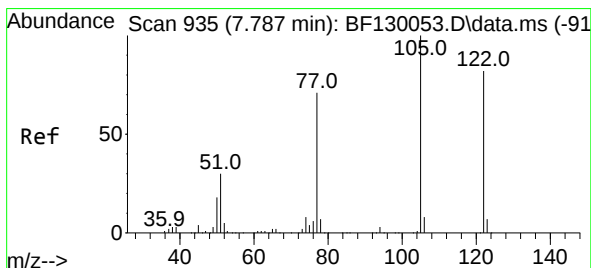
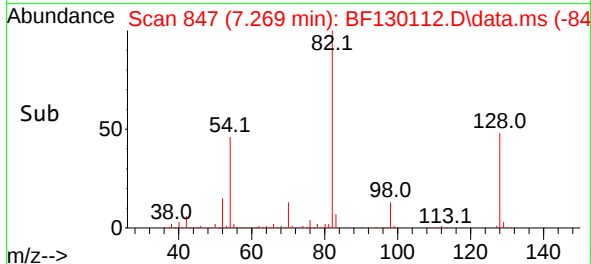
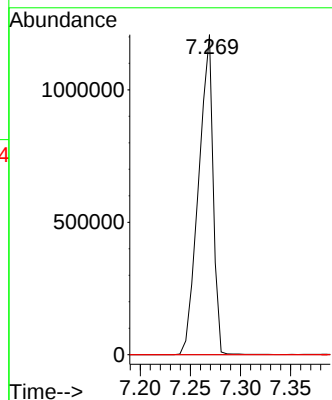
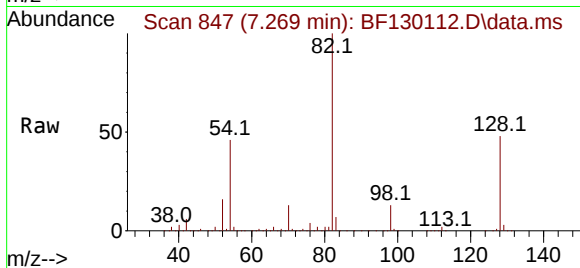




#25
Isophorone
Concen: 42.205 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

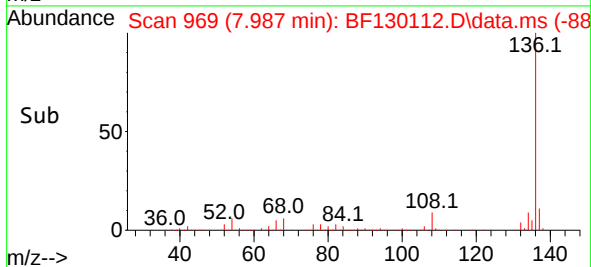
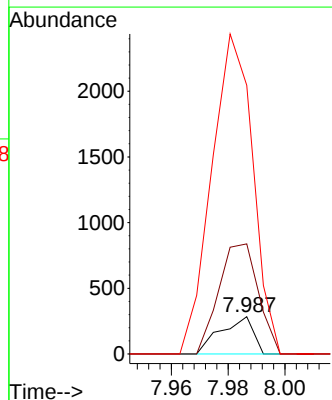
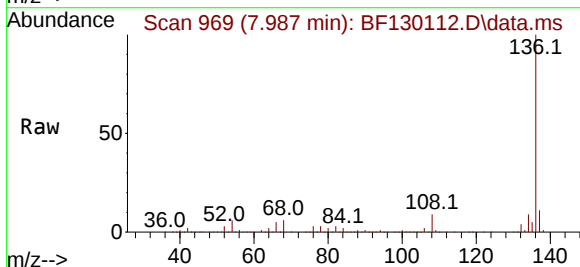
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ClientSampleId :
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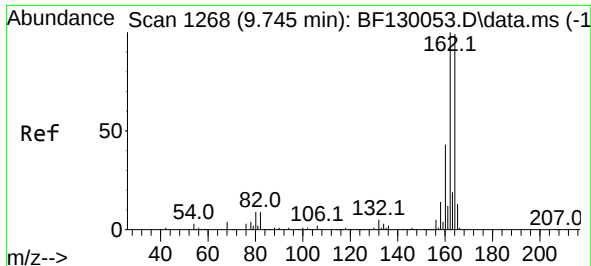
Tgt Ion: 82 Resp: 1215336
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.592 ng
RT: 7.987 min Scan# 969
Delta R.T. 0.200 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

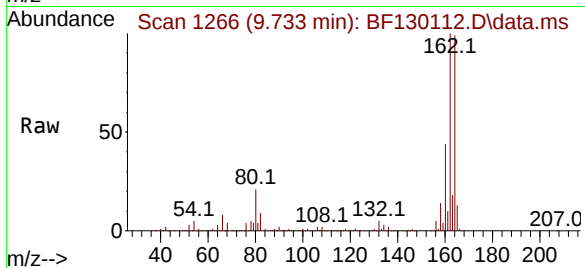
Tgt Ion:122 Resp: 226
Ion Ratio Lower Upper
122 100
105 295.1 99.9 139.9#
77 720.1 65.9 105.9#



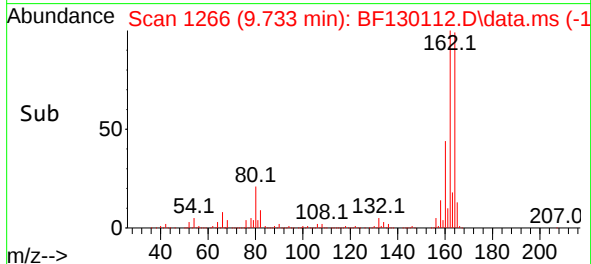
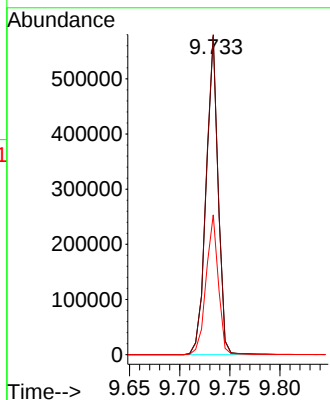


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Instrument :
BNA_F
ClientSampleId :
PB147367TB

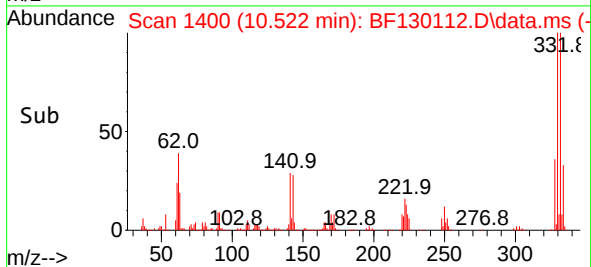
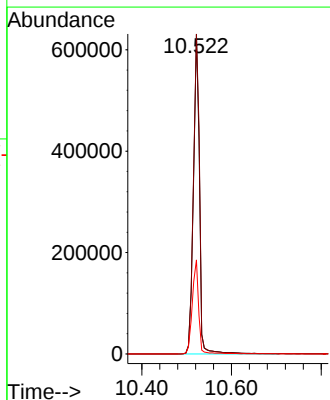
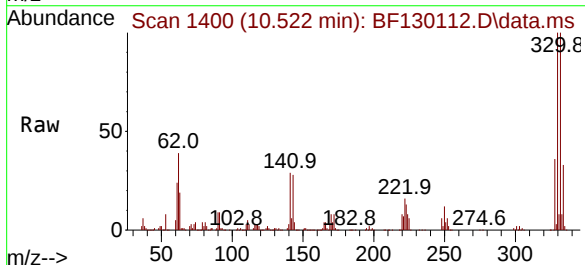


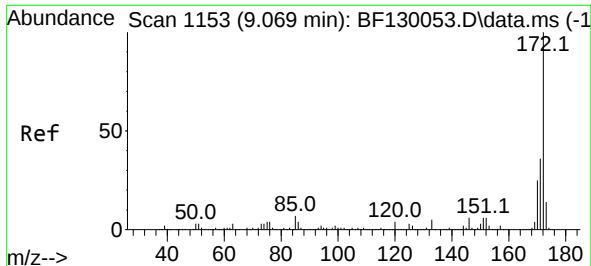
Tgt Ion:164 Resp: 481258
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.656 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Tgt Ion:330 Resp: 585520
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 30.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 77.350 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130112.D

Acq: 02 Sep 2022 15:40

Instrument :

BNA_F

ClientSampleId :

PB147367TB

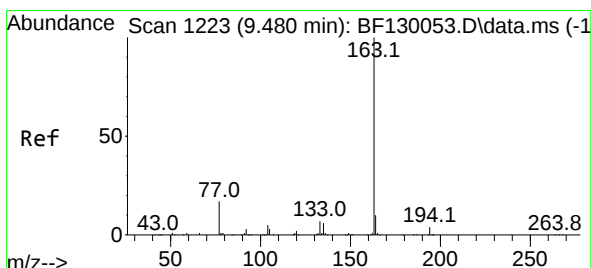
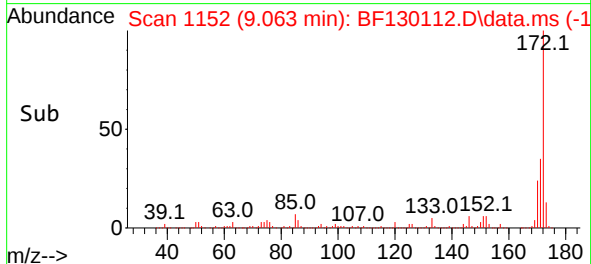
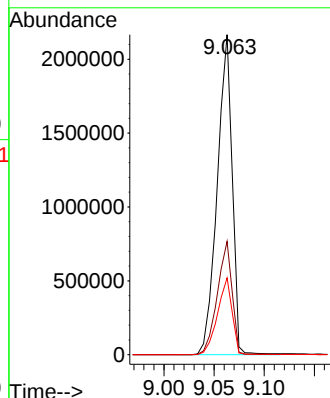
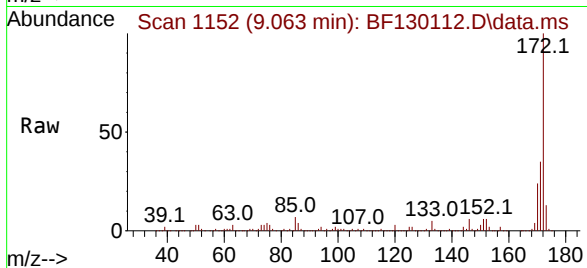
Tgt Ion:172 Resp: 2245258

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.733 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130112.D

Acq: 02 Sep 2022 15:40

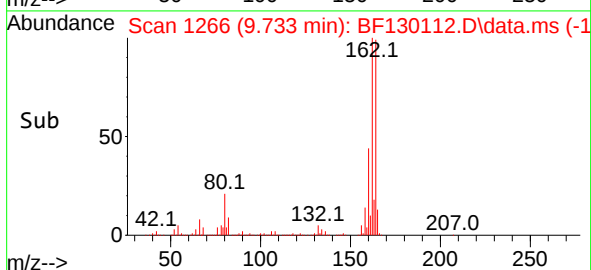
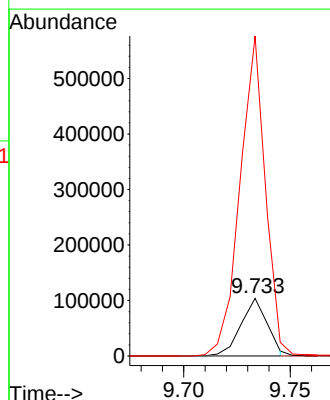
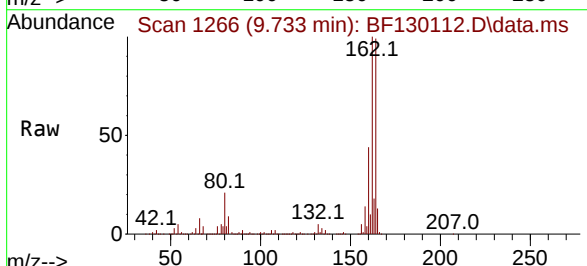
Tgt Ion:163 Resp: 89590

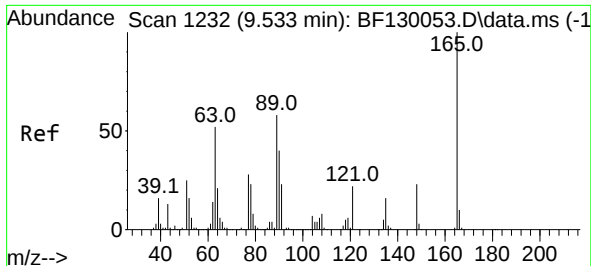
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 555.1 8.2 12.2#

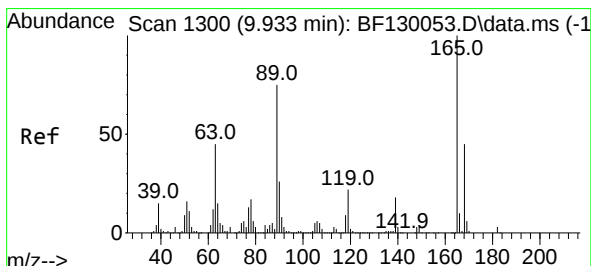
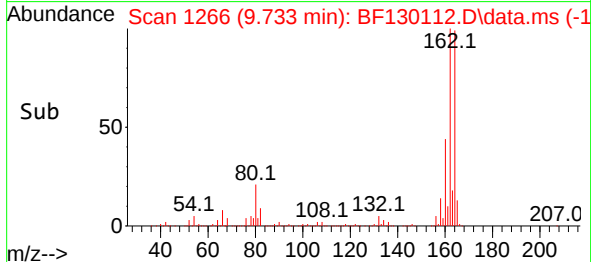
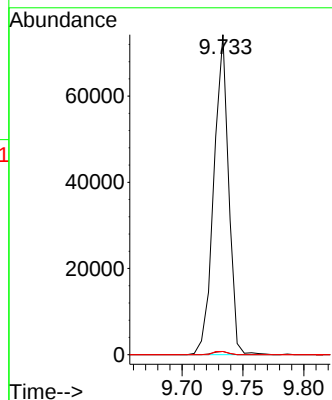
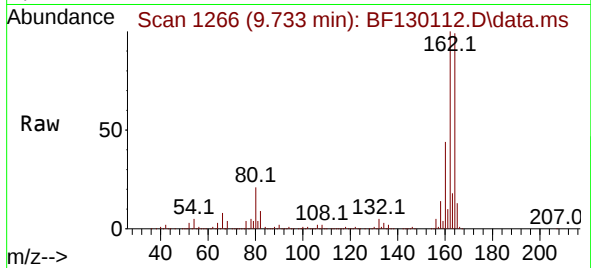




#51
2,6-Dinitrotoluene
Concen: 9.829 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

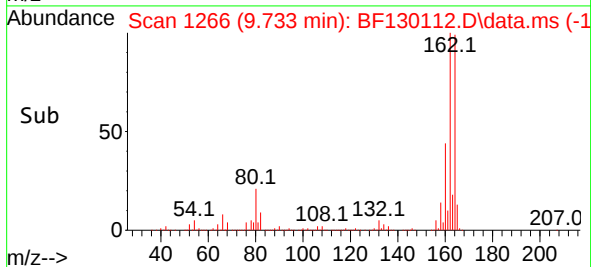
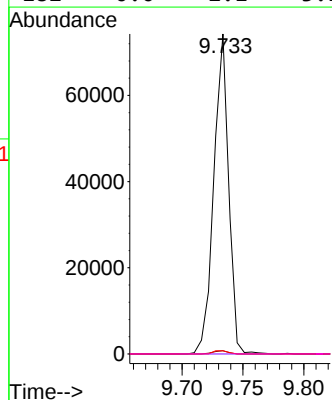
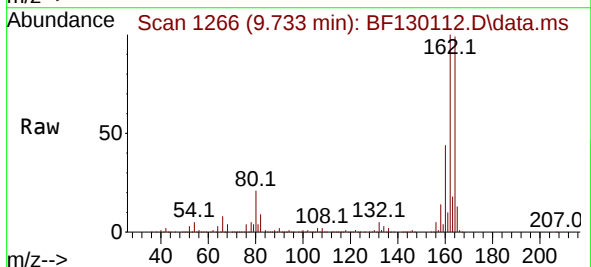
Instrument :
BNA_F
ClientSampleId :
PB147367TB

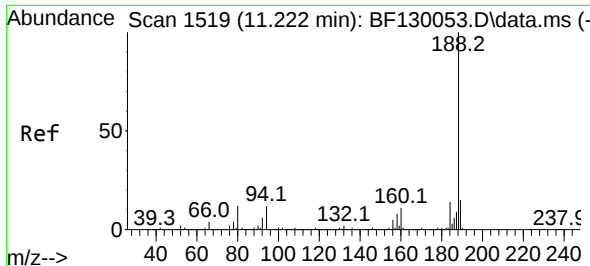
Tgt Ion:165 Resp: 62814
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.537 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Tgt Ion:165 Resp: 62814
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#

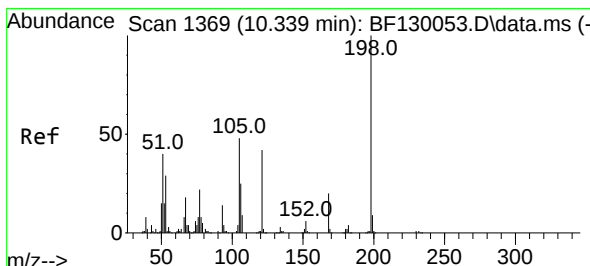
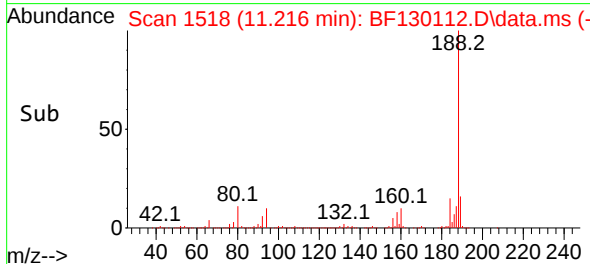
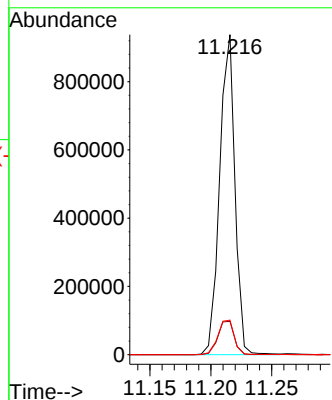
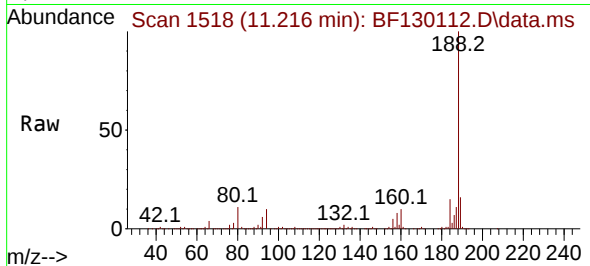




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

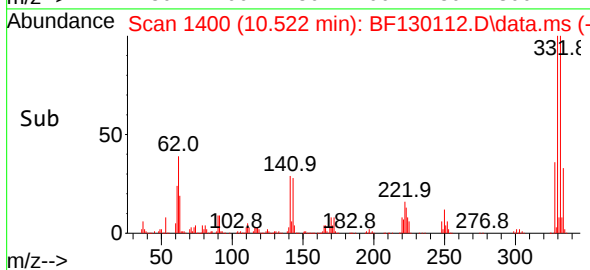
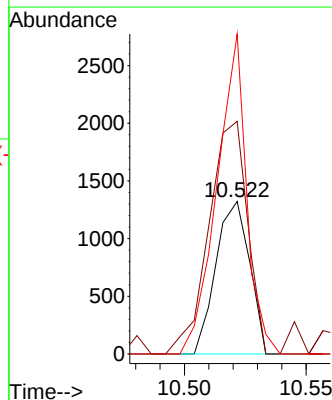
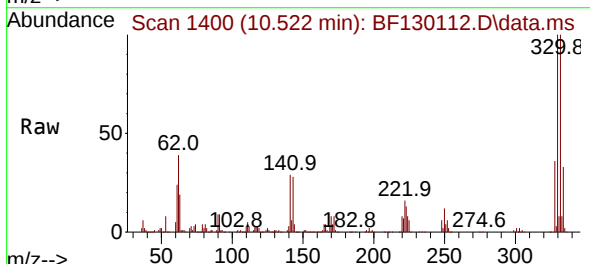
Instrument :
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ClientSampleId :
PB147367TB

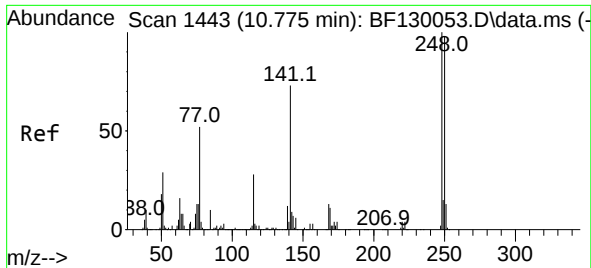
Tgt Ion:188 Resp: 820277
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.367 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Tgt Ion:198 Resp: 1267
Ion Ratio Lower Upper
198 100
51 152.6 29.4 69.4#
105 209.8 29.2 69.2#

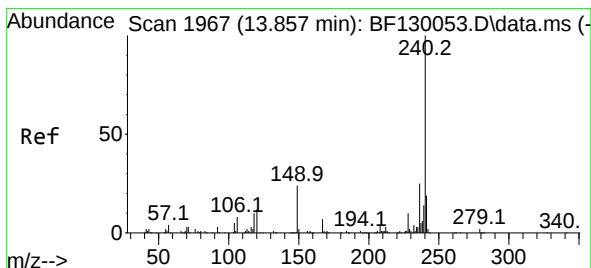
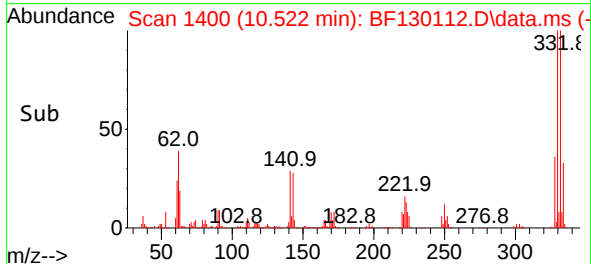
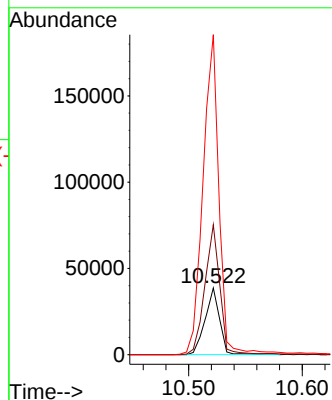
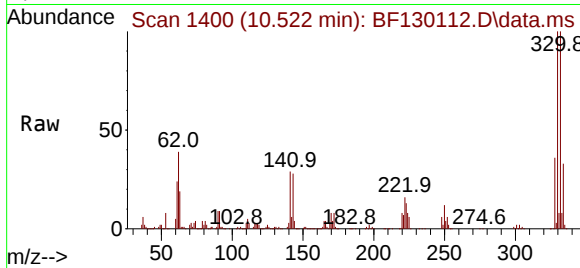




#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

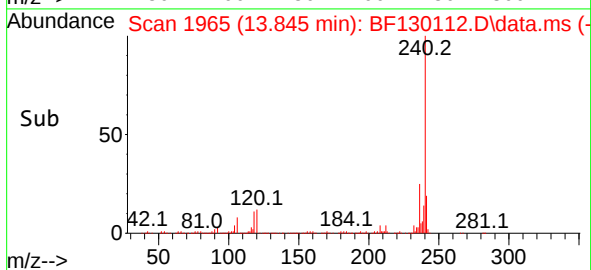
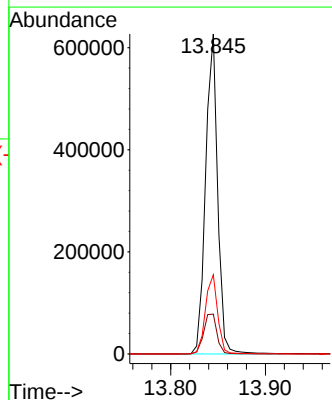
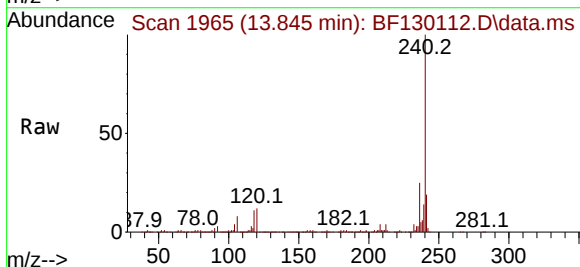
Instrument :
BNA_F
ClientSampleId :
PB147367TB

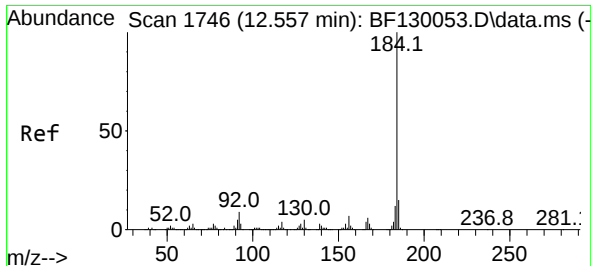
Tgt Ion:248 Resp: 34412
Ion Ratio Lower Upper
248 100
250 194.9 77.8 116.6#
141 480.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

Tgt Ion:240 Resp: 551697
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 24.7 20.7 31.1

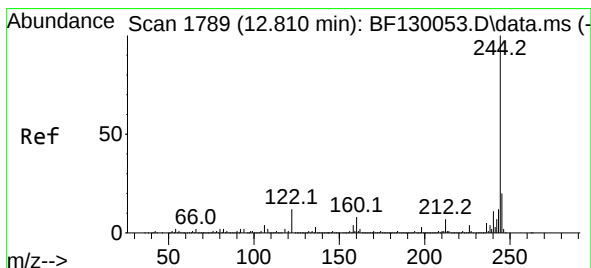
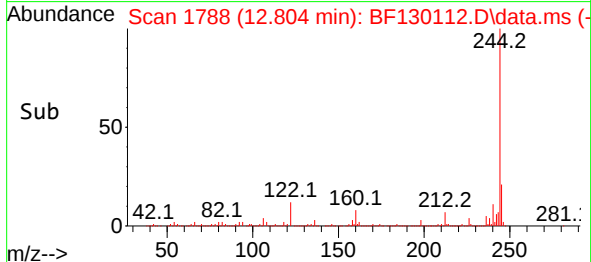
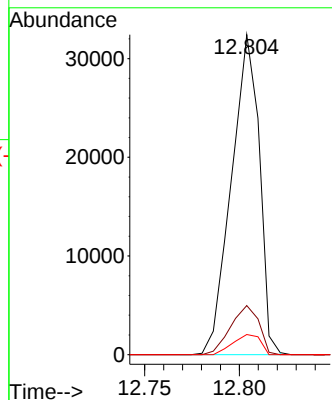
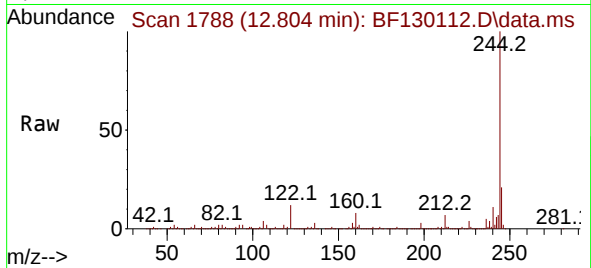




#77
Benzidine
Concen: 2.231 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

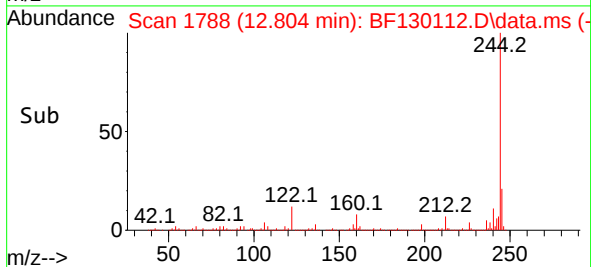
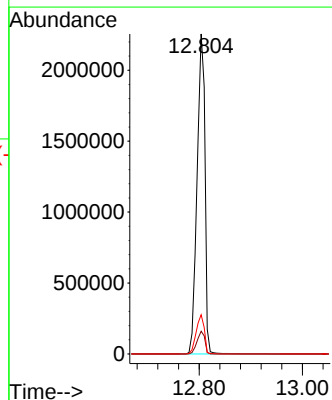
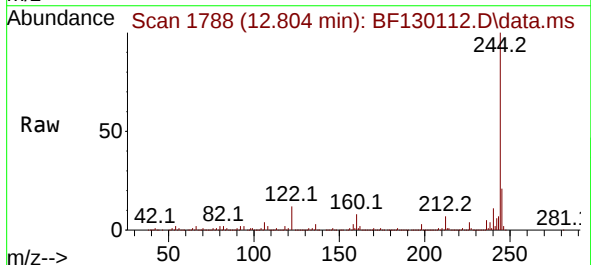
Instrument :
BNA_F
ClientSampleId :
PB147367TB

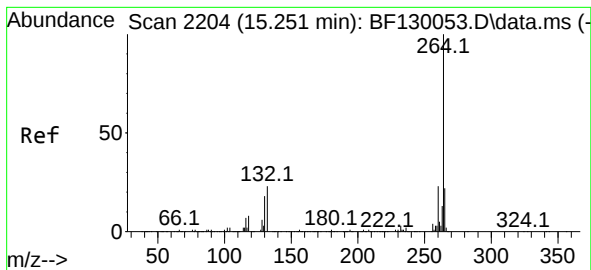
Tgt Ion:184 Resp: 33233
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.2
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.075 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130112.D
Acq: 02 Sep 2022 15:40

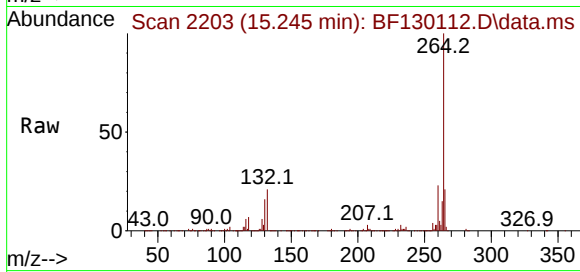
Tgt Ion:244 Resp: 2388447
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.2 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130112.D
 Acq: 02 Sep 2022 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB147367TB



Tgt Ion:264 Resp: 413774
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.2 16.7 25.1

