

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130084.D
 Acq On : 01 Sep 2022 18:42
 Operator : CG\JU
 Sample : N4385-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265751-1

Quant Time: Sep 02 04:02:28 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)

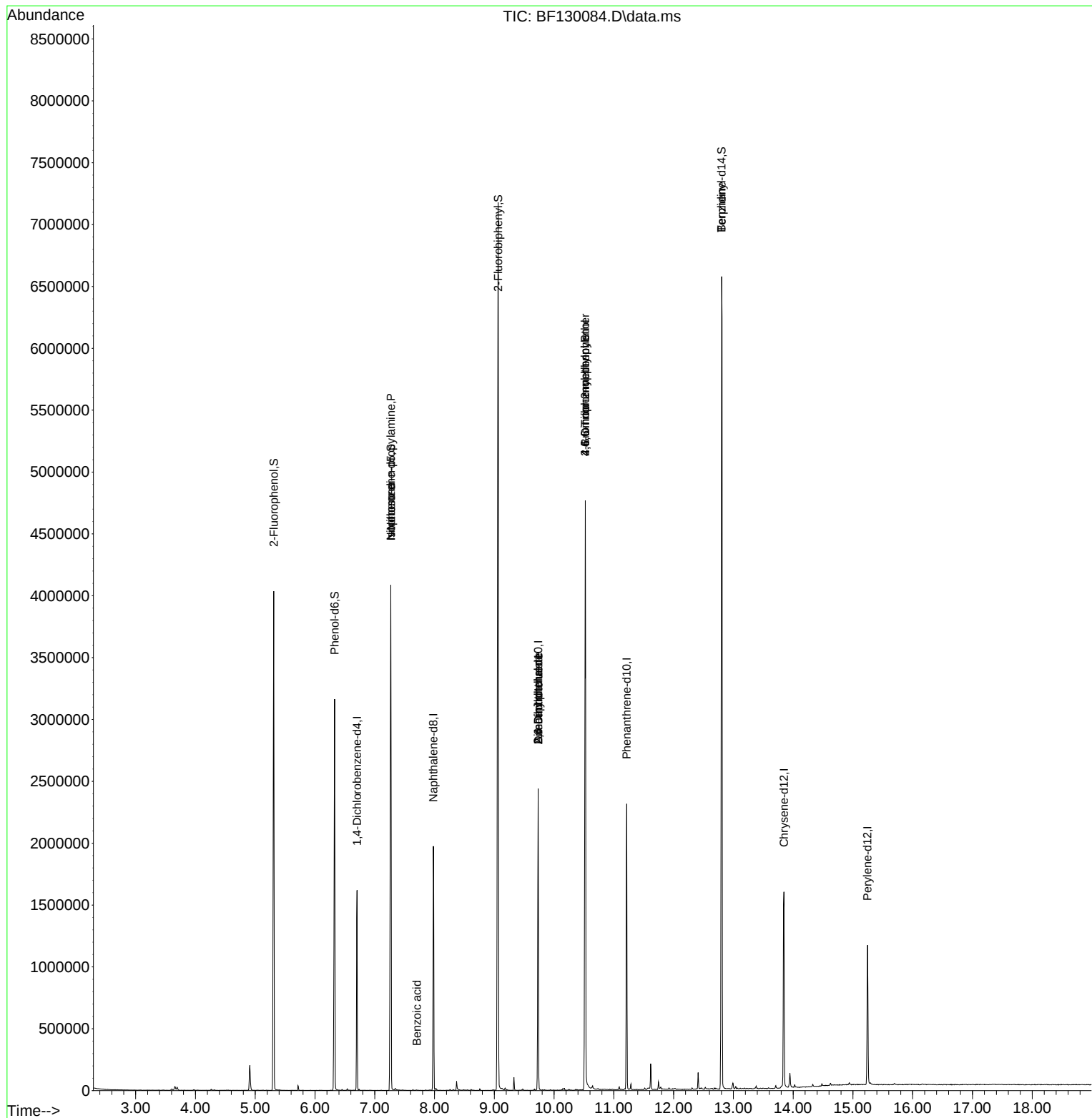
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	235386	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	931503	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	492600	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	800200	20.000	ng	0.00
76) Chrysene-d12	13.845	240	522420	20.000	ng	-0.01
86) Perylene-d12	15.245	264	442792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1209536	87.234	ng	0.00
7) Phenol-d6	6.328	99	1147006	66.354	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1534439	105.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	686883	153.184	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2744499	92.372	ng	0.00
79) Terphenyl-d14	12.804	244	2717218	90.195	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	198236	19.036	ng	# 73
25) Isophorone	7.269	82	1529281	52.128	ng	# 65
32) Benzoic acid	7.704	122	139	6.584	ng	# 1
50) Dimethylphthalate	9.733	163	91616	2.731	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	64364	9.839	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	64364	8.546	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1433	6.412	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	39799	4.471	ng	# 1
77) Benzidine	12.804	184	37100	2.630	ng	# 93

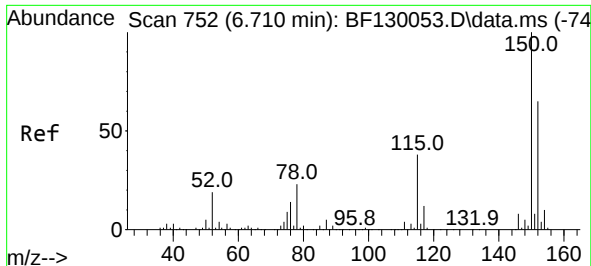
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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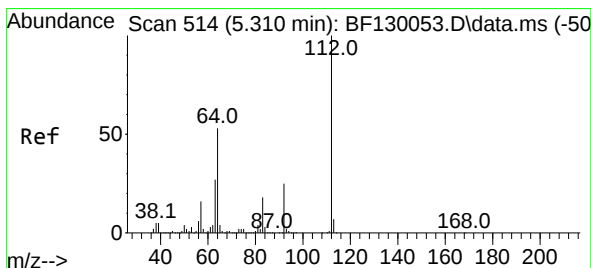
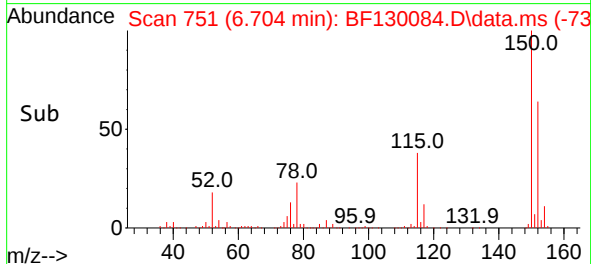
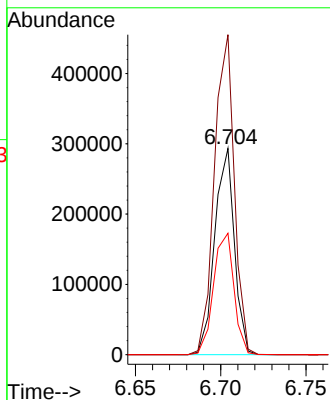
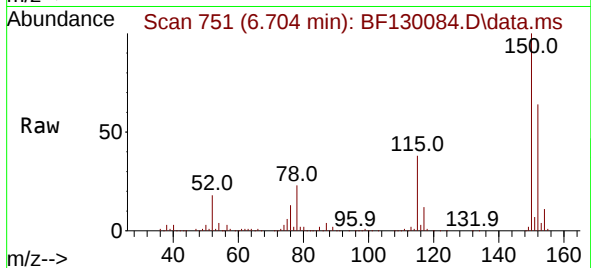




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BF130084.D
 Acq: 01 Sep 2022 18:42

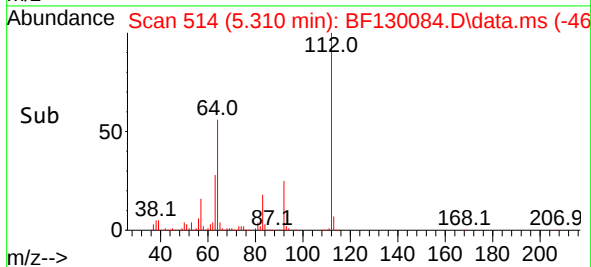
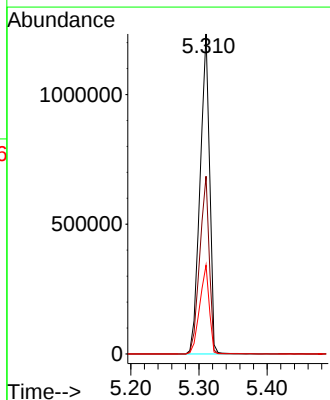
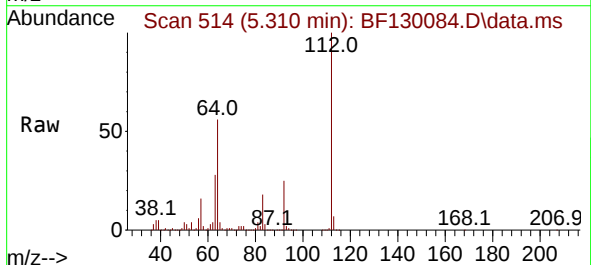
Instrument :
 BNA_F
 ClientSampleId :
 265751-1

Tgt Ion:152 Resp: 235386
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.9 190.3
 115 58.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 87.234 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130084.D
 Acq: 01 Sep 2022 18:42

Tgt Ion:112 Resp: 1209536
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 27.8 24.6 37.0

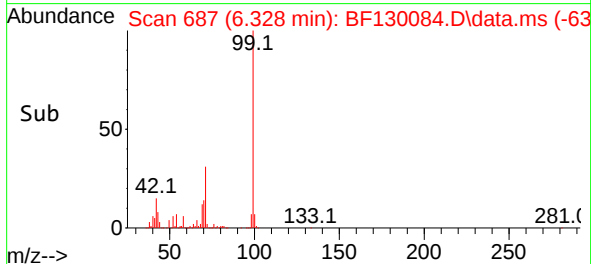
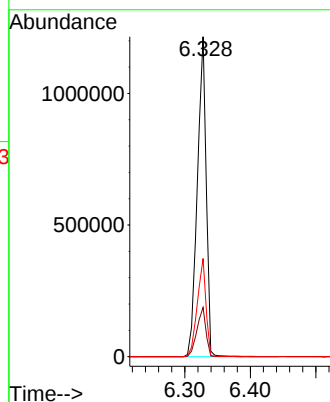
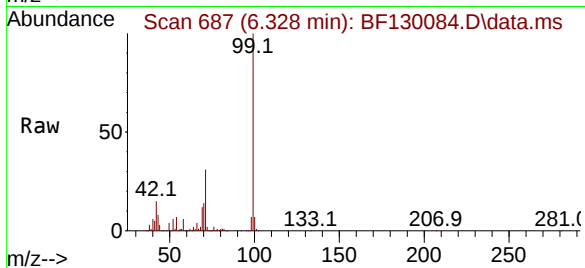




#7
Phenol-d6
Concen: 66.354 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

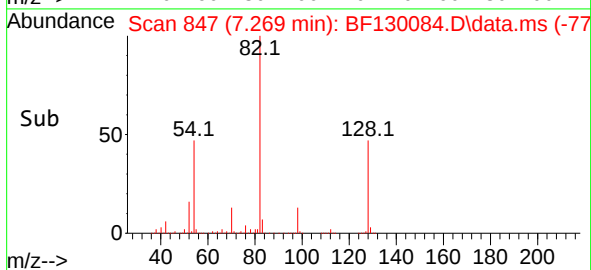
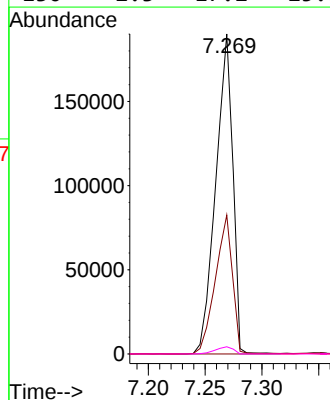
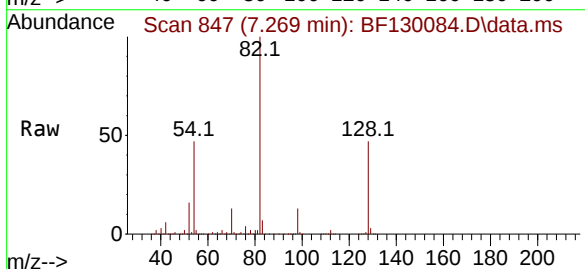
Instrument :
BNA_F
ClientSampleId :
265751-1

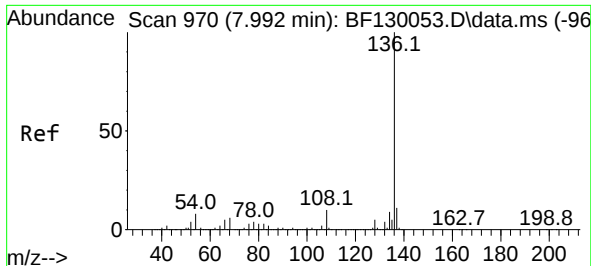
Tgt Ion: 99 Resp: 1147006
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.036 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion: 70 Resp: 198236
Ion Ratio Lower Upper
70 100
42 43.4 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

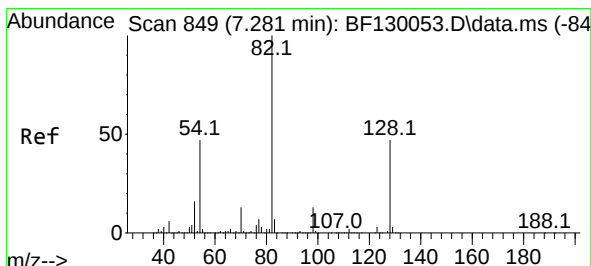
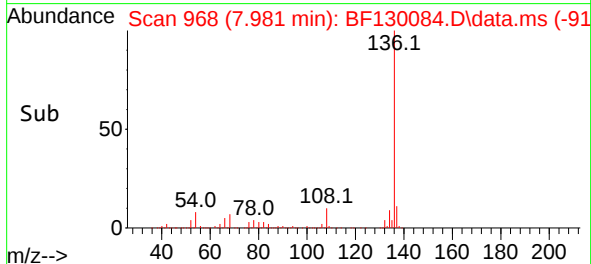
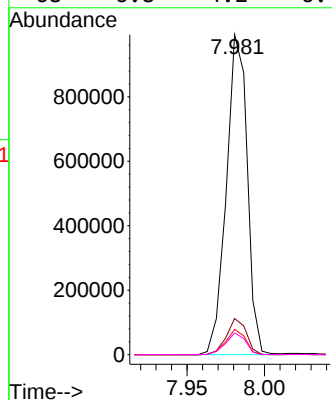
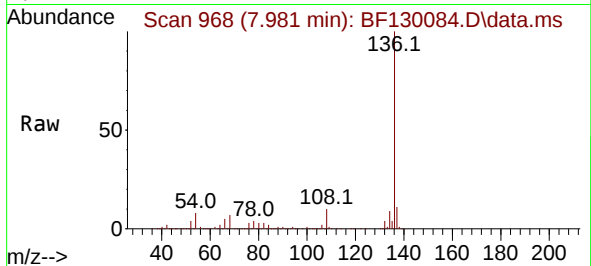




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

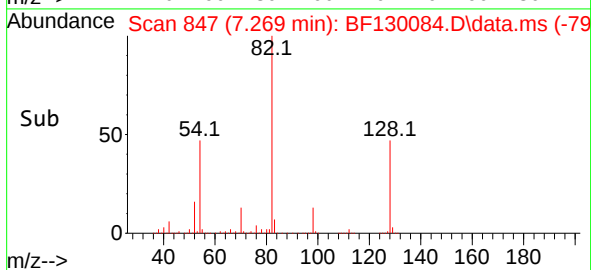
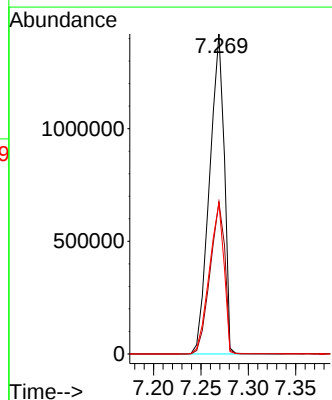
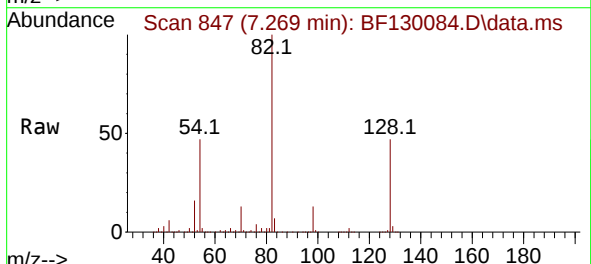
Instrument :
BNA_F
ClientSampleId :
265751-1

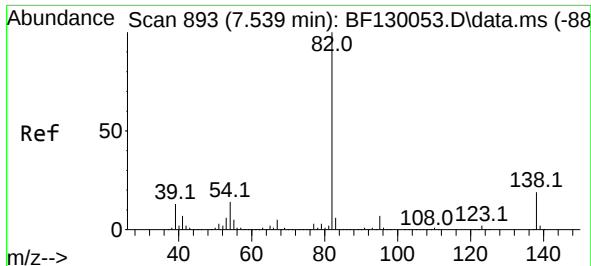
Tgt Ion:136 Resp: 931503
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.9 6.2 9.2
68 6.8 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 105.864 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion: 82 Resp: 1534439
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 47.2 40.0 60.0

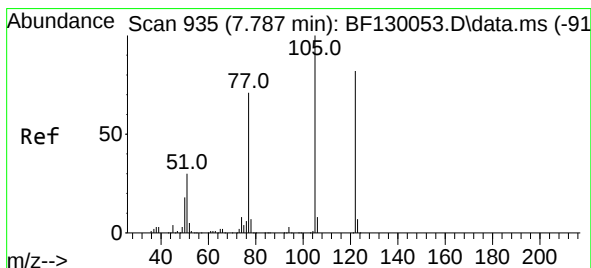
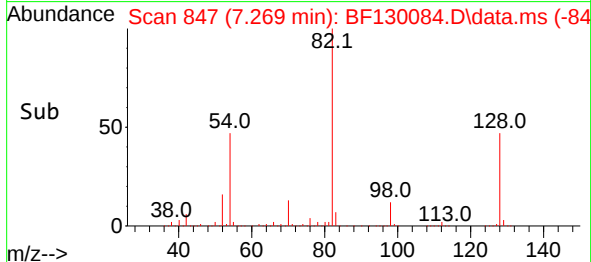
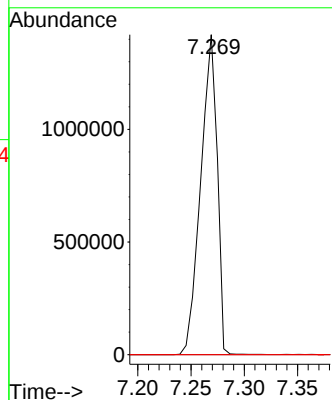
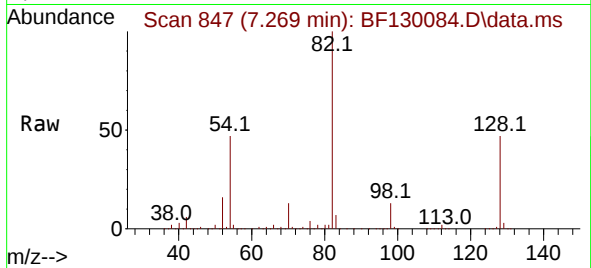




#25
Isophorone
Concen: 52.128 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.271 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

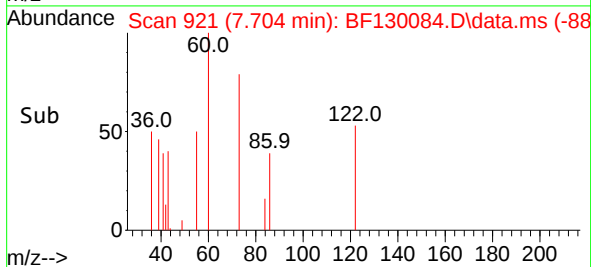
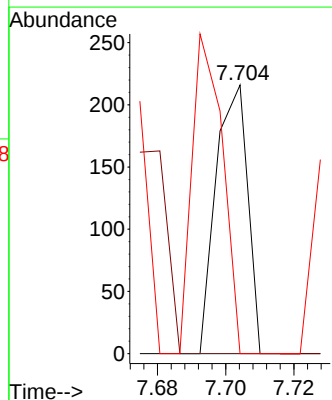
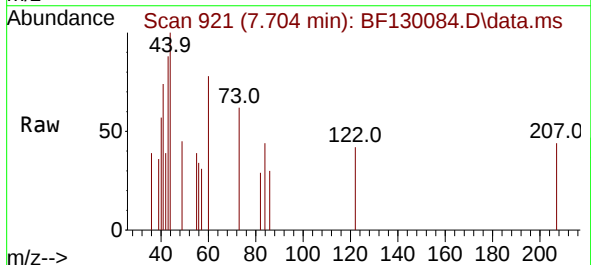
Instrument :
BNA_F
ClientSampleId :
265751-1

Tgt Ion: 82 Resp: 1529281
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.584 ng
RT: 7.704 min Scan# 921
Delta R.T. -0.083 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion: 122 Resp: 139
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#

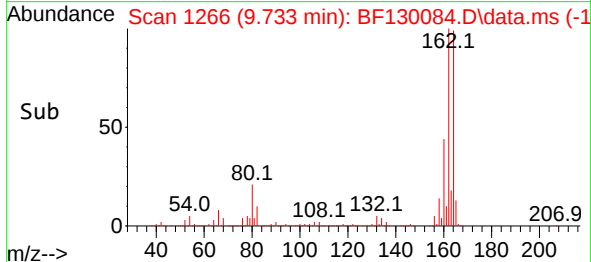
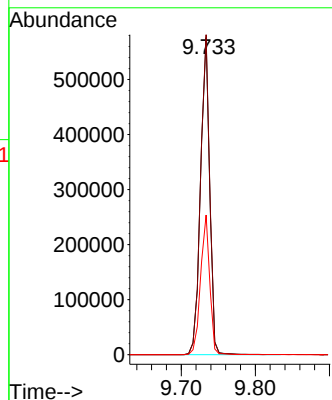
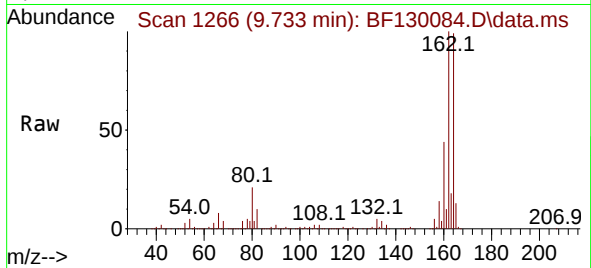




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

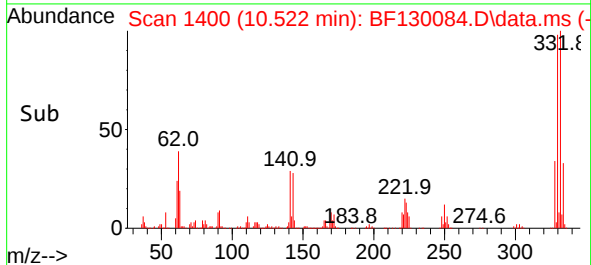
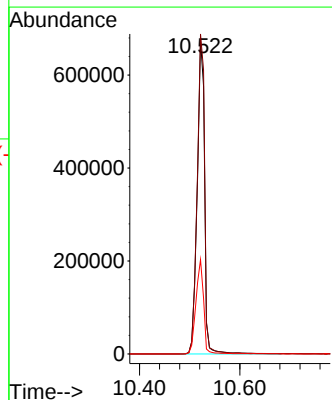
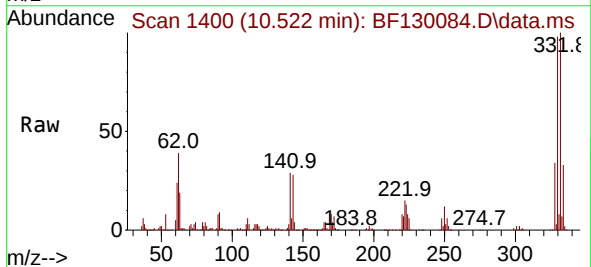
Instrument :
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ClientSampleId :
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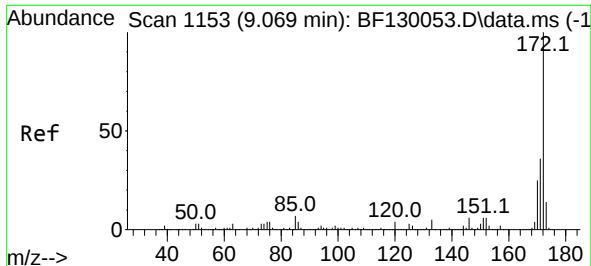
Tgt Ion:164 Resp: 492600
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 153.184 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion:330 Resp: 686883
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 31.5 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 92.372 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

Instrument :

BNA_F

ClientSampleId :

265751-1

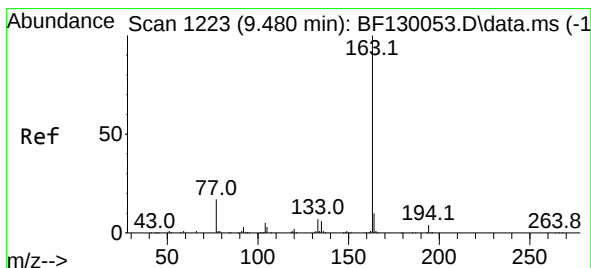
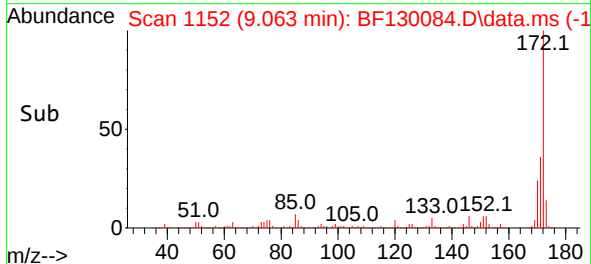
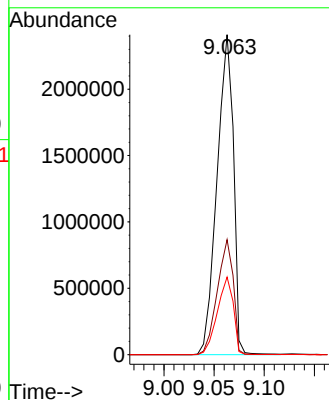
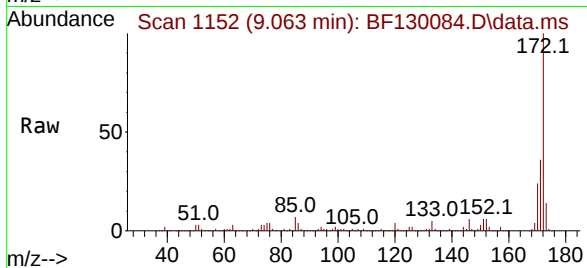
Tgt Ion:172 Resp: 2744499

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.731 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

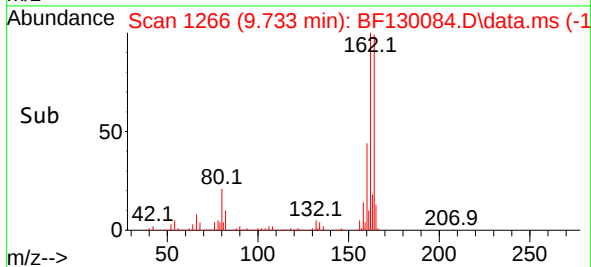
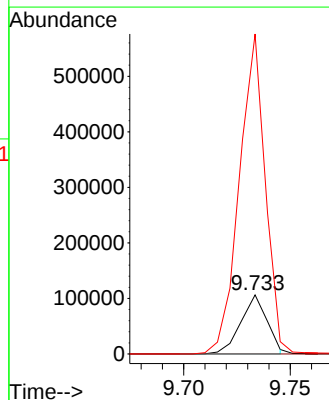
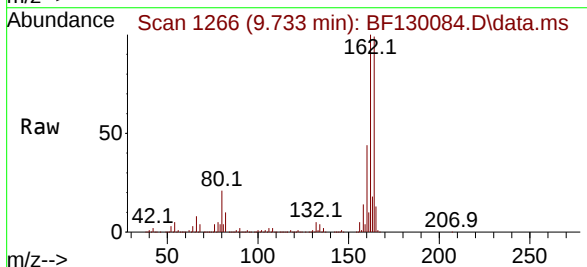
Tgt Ion:163 Resp: 91616

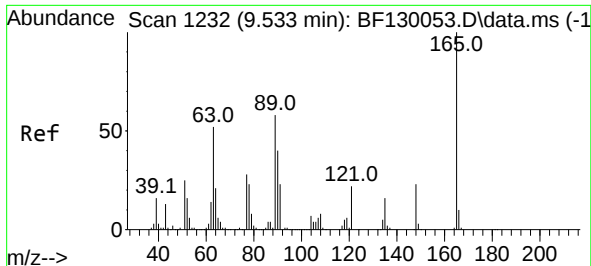
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 541.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.839 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

Instrument :

BNA_F

ClientSampleId :

265751-1

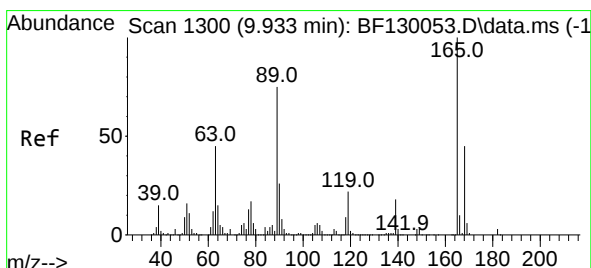
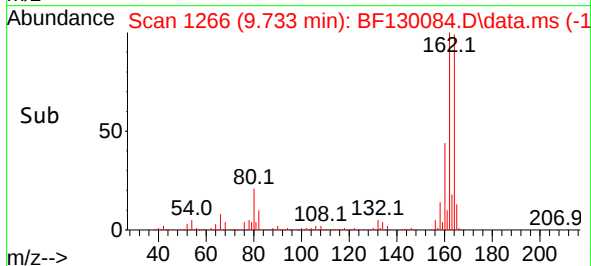
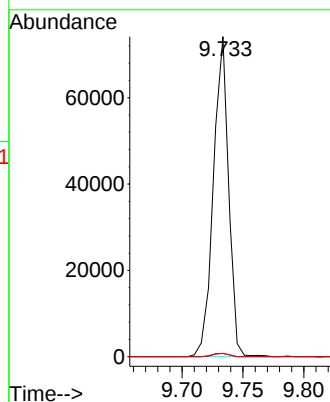
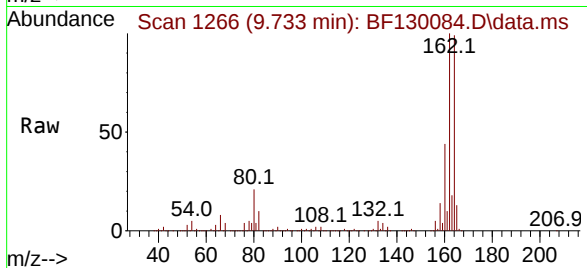
Tgt Ion:165 Resp: 64364

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.546 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

Tgt Ion:165 Resp: 64364

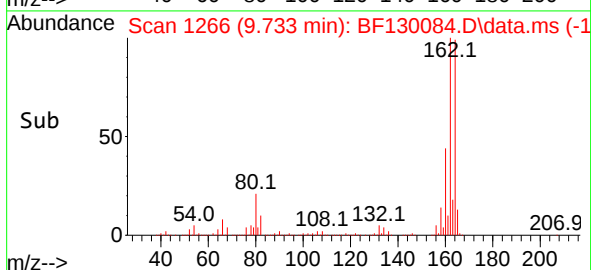
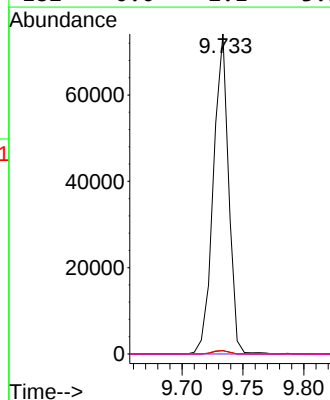
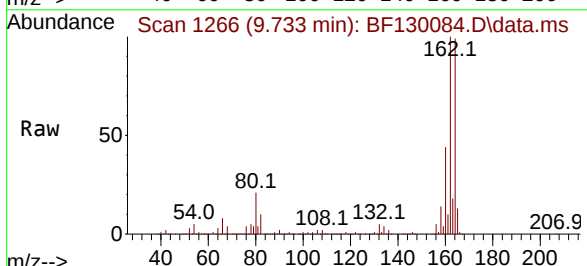
Ion Ratio Lower Upper

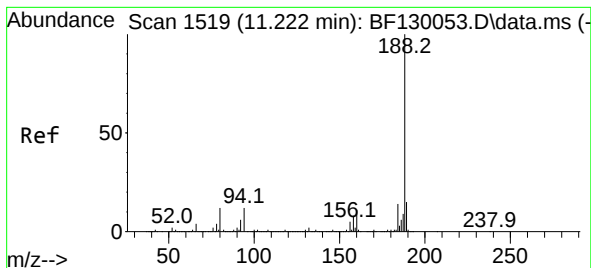
165 100

63 1.1 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# 11

Delta R.T. -0.006 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

Instrument :

BNA_F

ClientSampleId :

265751-1

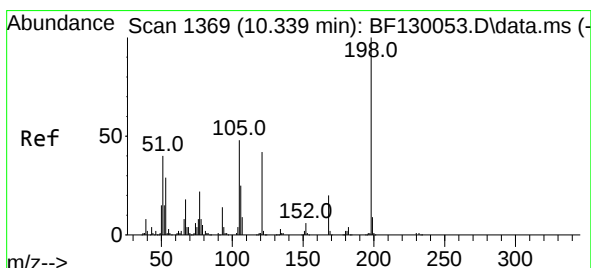
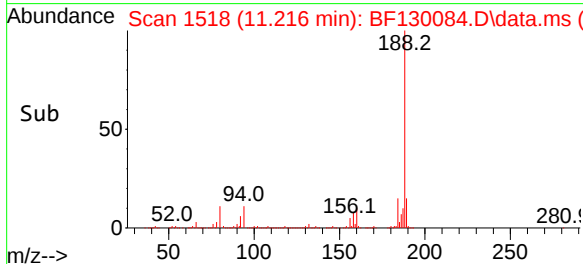
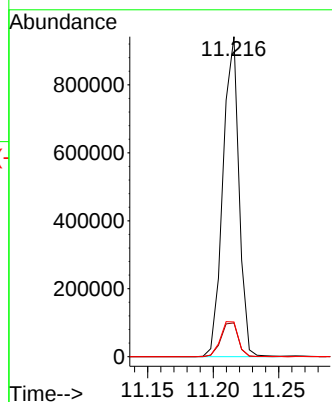
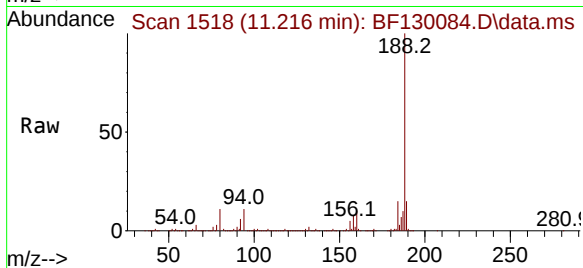
Tgt Ion:188 Resp: 800200

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.2

80 10.8 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.412 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130084.D

Acq: 01 Sep 2022 18:42

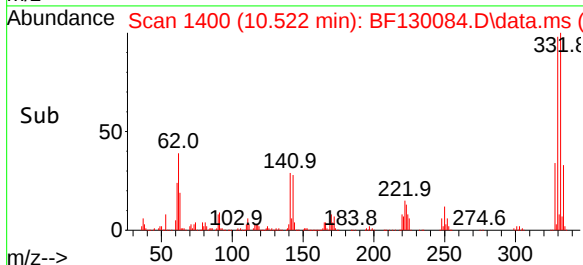
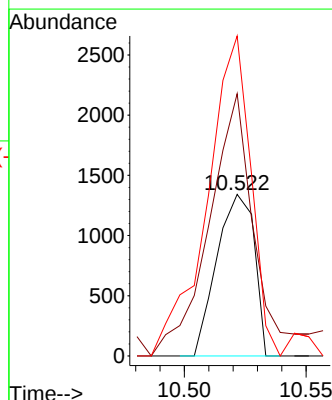
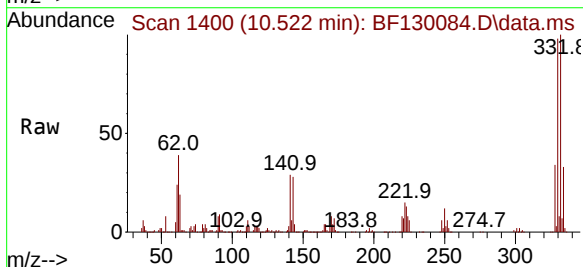
Tgt Ion:198 Resp: 1433

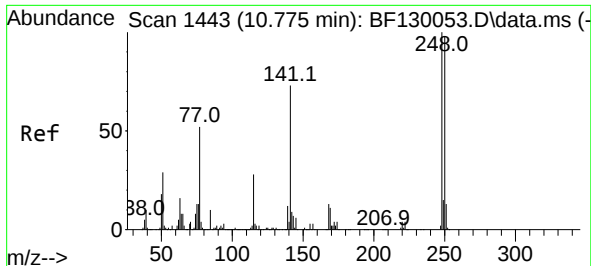
Ion Ratio Lower Upper

198 100

51 162.3 29.4 69.4#

105 198.1 29.2 69.2#

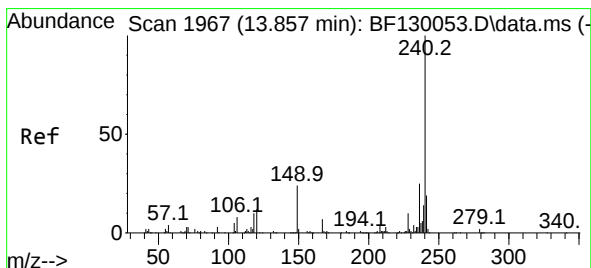
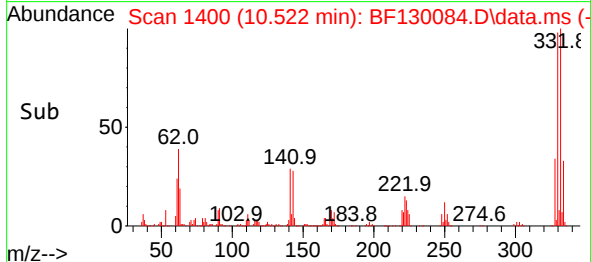
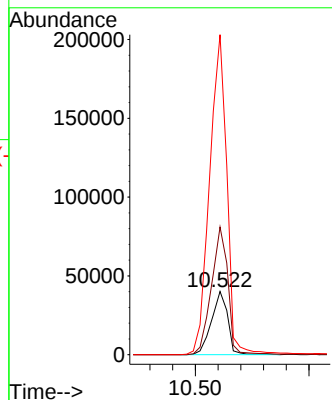
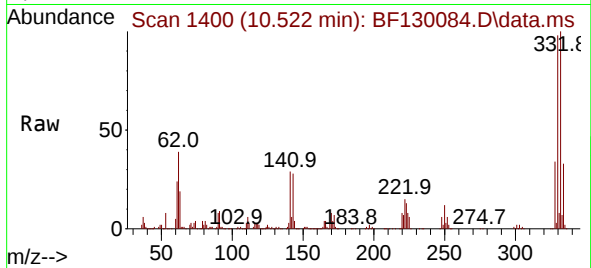




#67
4-Bromophenyl-phenylether
Concen: 4.471 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

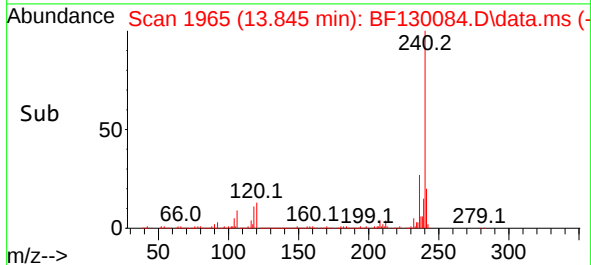
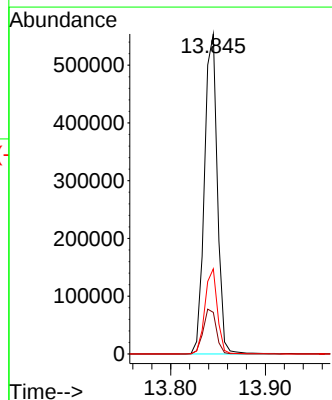
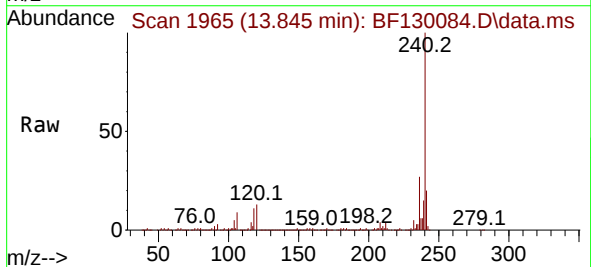
Instrument :
BNA_F
ClientSampleId :
265751-1

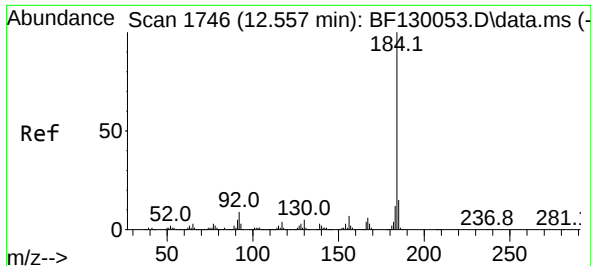
Tgt Ion:248 Resp: 39799
Ion Ratio Lower Upper
248 100
250 202.0 77.8 116.6#
141 505.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Tgt Ion:240 Resp: 522420
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 26.6 20.7 31.1

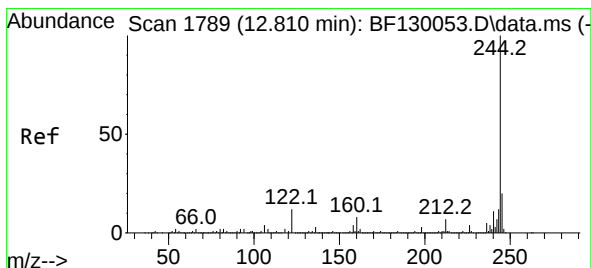
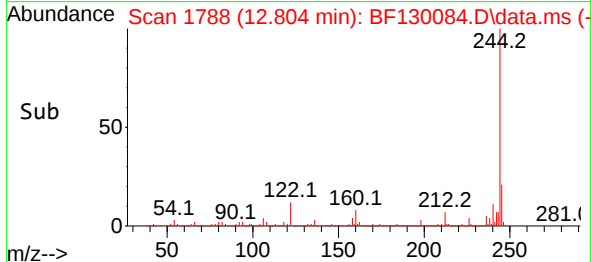
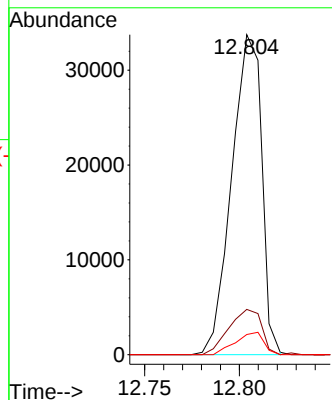
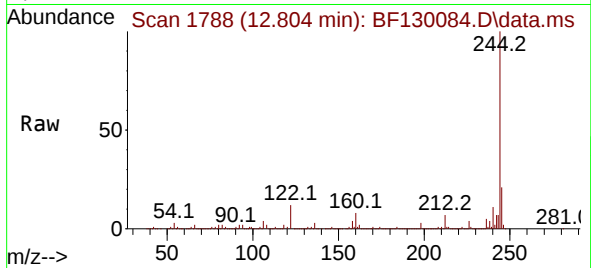




#77
Benzidine
Concen: 2.630 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

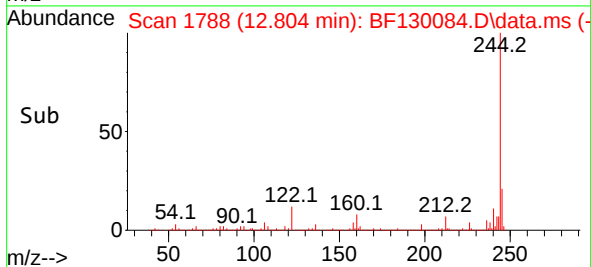
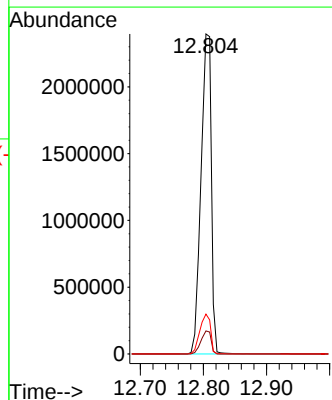
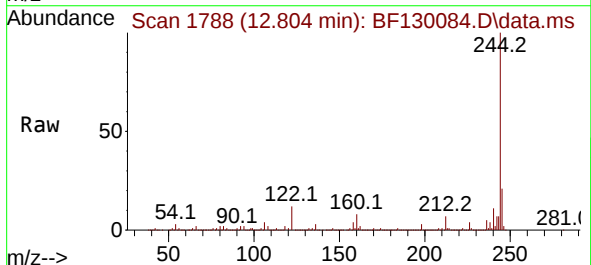
Instrument :
BNA_F
ClientSampleId :
265751-1

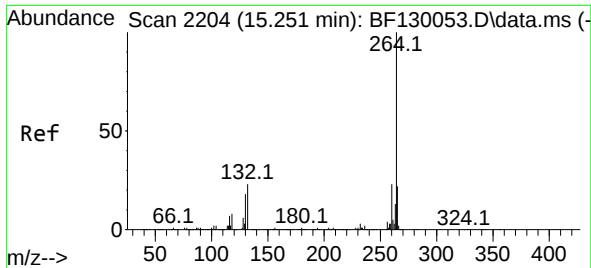
Tgt Ion:184 Resp: 37100
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.195 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

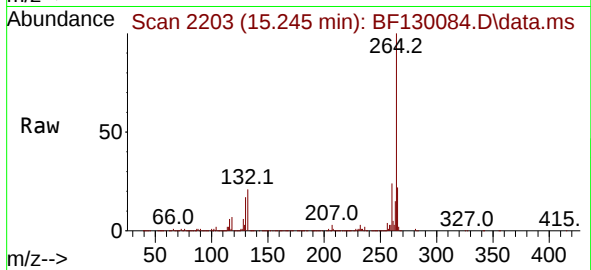
Tgt Ion:244 Resp: 2717218
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.4 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130084.D
Acq: 01 Sep 2022 18:42

Instrument :
BNA_F
ClientSampleId :
265751-1



Tgt Ion:264 Resp: 442792
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.9 16.7 25.1

