

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130070.D
 Acq On : 01 Sep 2022 10:20
 Operator : CG\JU
 Sample : PB147382BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147382BL

Quant Time: Sep 01 12:42:43 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)

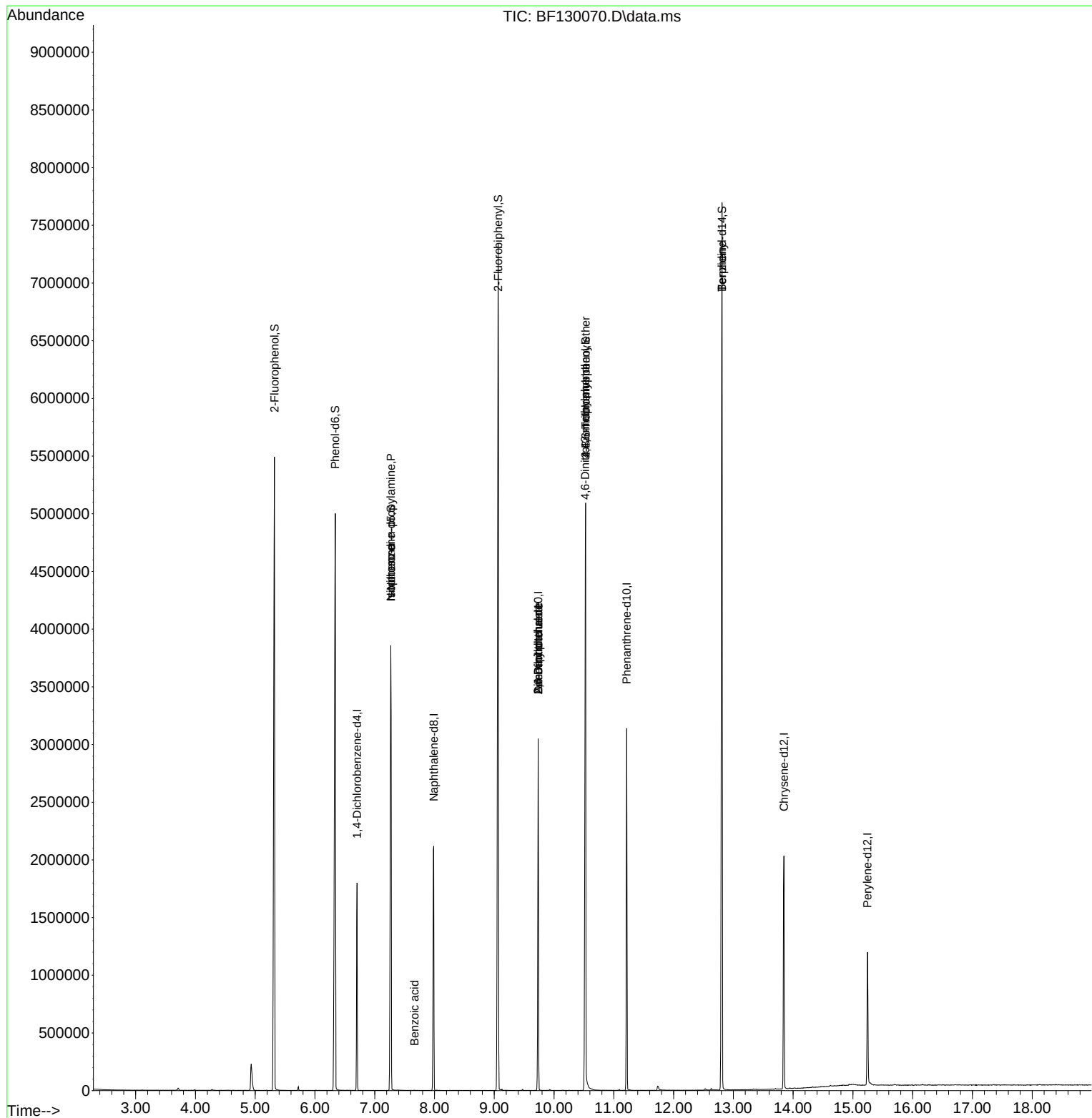
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	263044	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	1091170	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	606318	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	1039732	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	643014	20.000	ng	-0.01
86) Perylene-d12	15.245	264	465384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	2014282	129.999	ng	0.01
7) Phenol-d6	6.340	99	2543685	131.679	ng	0.00
23) Nitrobenzene-d5	7.269	82	1582488	93.203	ng	-0.01
42) 2,4,6-Tribromophenol	10.528	330	808992	146.578	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2872148	78.538	ng	0.00
79) Terphenyl-d14	12.810	244	3136421	84.585	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	205691	17.675	ng	# 73
25) Isophorone	7.269	82	1559294	45.374	ng	# 65
32) Benzoic acid	7.663	122	341	6.597	ng	85
50) Dimethylphthalate	9.734	163	113441	2.747	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	79010	9.813	ng	# 22
57) 2,4-Dinitrotoluene	9.734	165	79010	8.523	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1693	6.382	ng	# 1
67) 4-Bromophenyl-phenylether	10.528	248	47756	4.129	ng	# 1
77) Benzidine	12.810	184	42214	2.432	ng	# 94

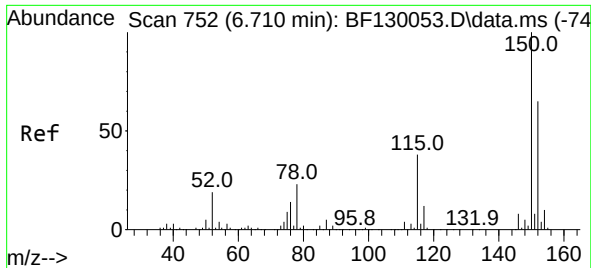
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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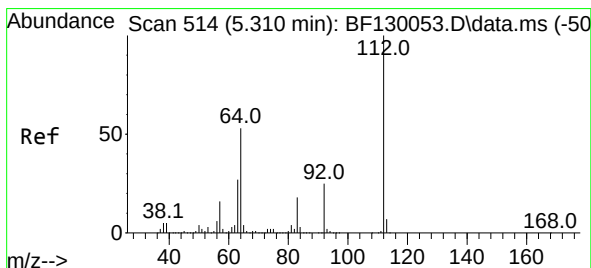
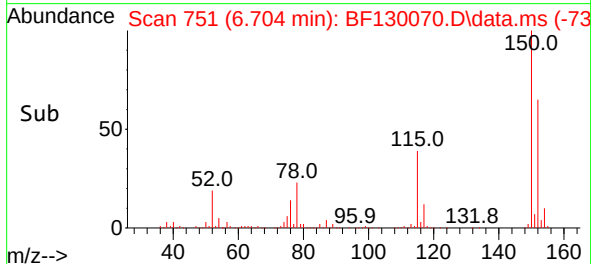
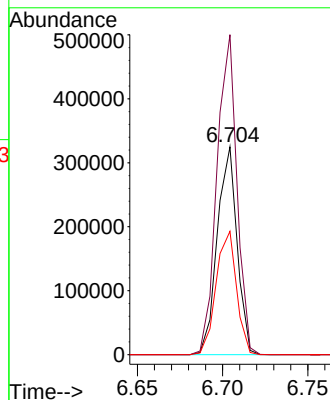
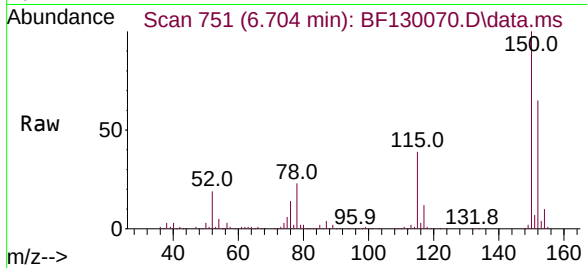




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

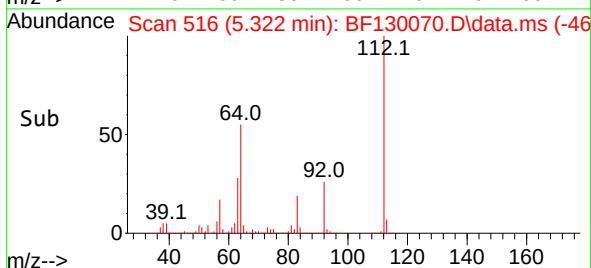
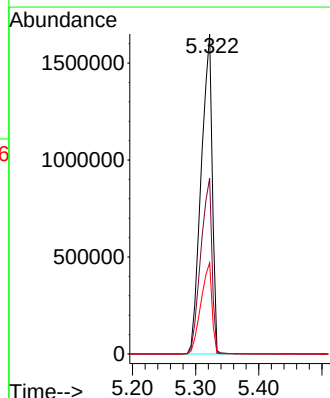
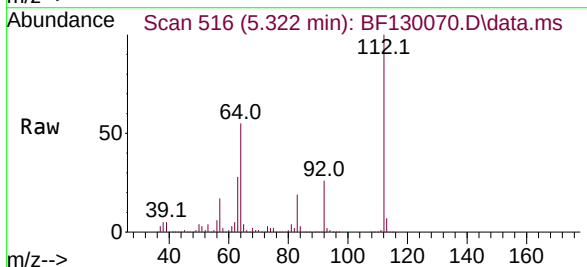
Instrument :
BNA_F
ClientSampleId :
PB147382BL

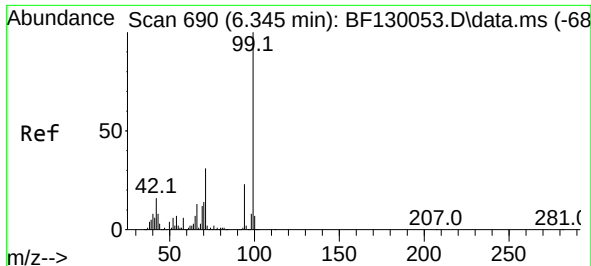
Tgt Ion:152 Resp: 263044
Ion Ratio Lower Upper
152 100
150 154.0 126.9 190.3
115 59.4 53.4 80.0



#5
2-Fluorophenol
Concen: 129.999 ng
RT: 5.322 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion:112 Resp: 2014282
Ion Ratio Lower Upper
112 100
64 54.9 47.6 71.4
63 28.5 24.6 37.0

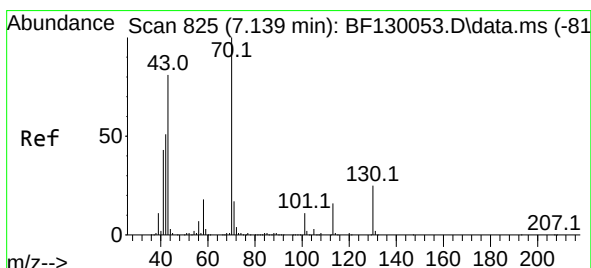
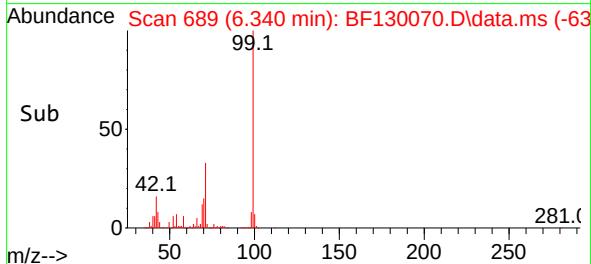
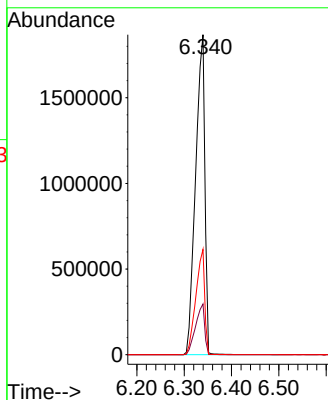
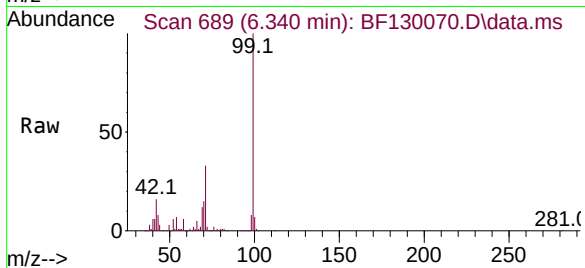




#7
Phenol-d6
Concen: 131.679 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

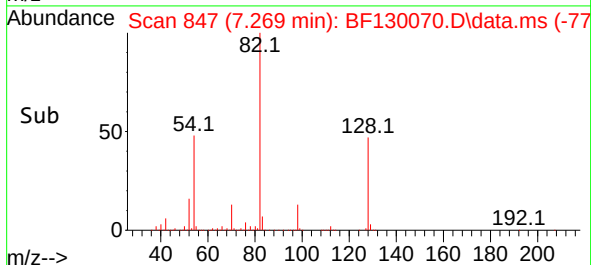
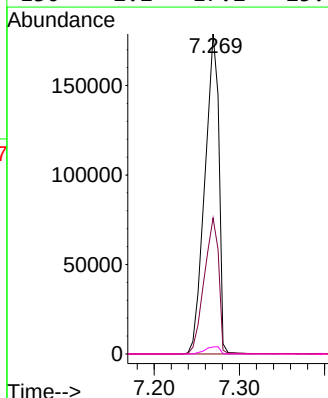
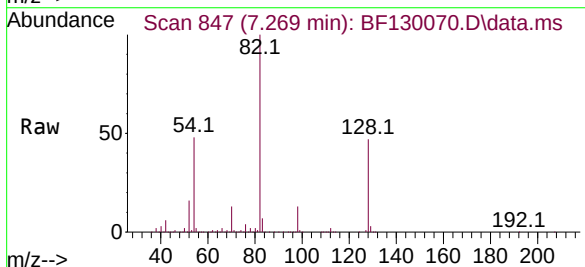
Instrument :
BNA_F
ClientSampleId :
PB147382BL

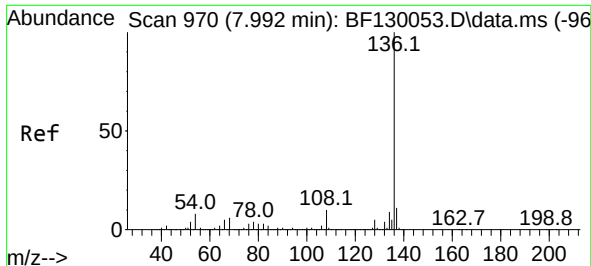
Tgt Ion: 99 Resp: 2543685
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 32.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.675 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion: 70 Resp: 205691
Ion Ratio Lower Upper
70 100
42 42.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

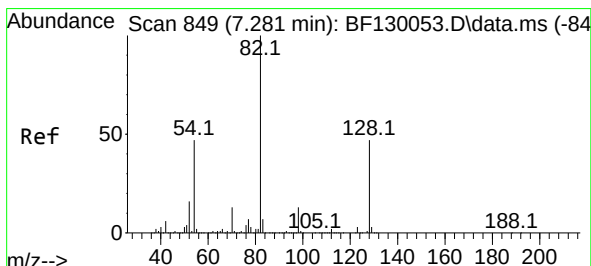
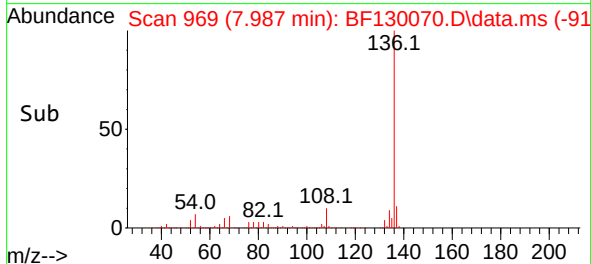
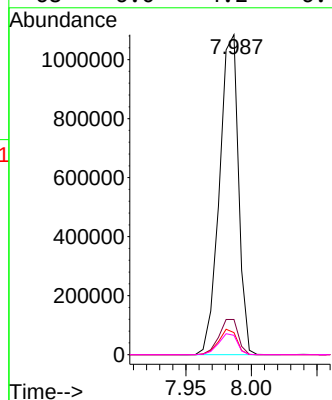
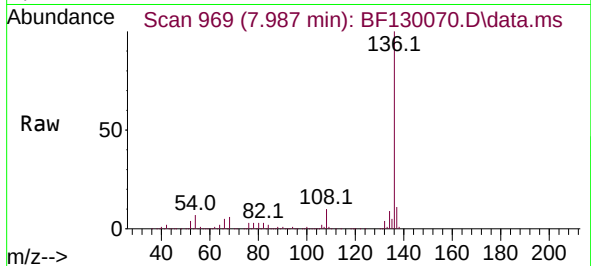




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 90
Delta R.T. -0.005 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

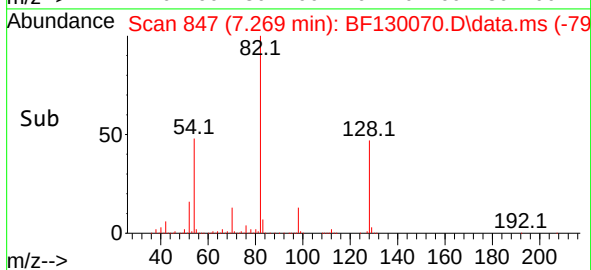
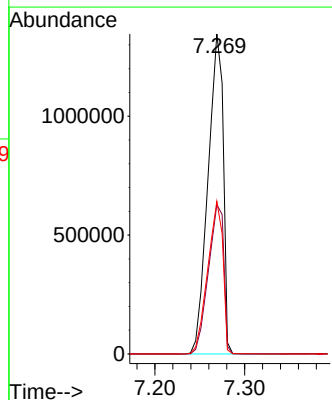
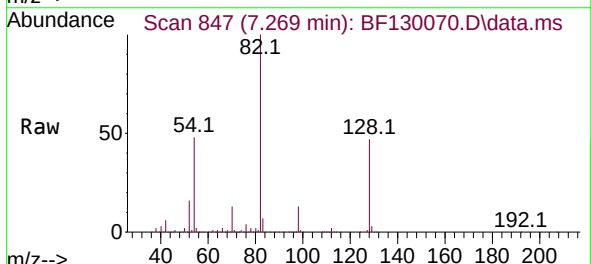
Instrument :
BNA_F
ClientSampleId :
PB147382BL

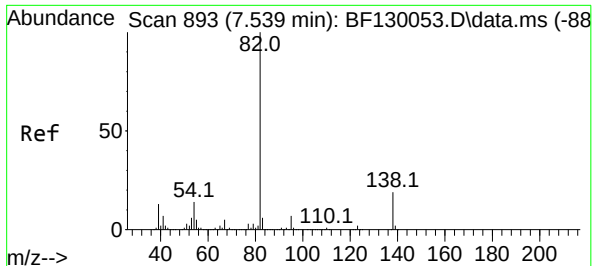
Tgt Ion:136 Resp: 1091170
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 6.2 9.2
68 6.0 4.2 6.4



#23
Nitrobenzene-d5
Concen: 93.203 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion: 82 Resp: 1582488
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 47.7 40.0 60.0

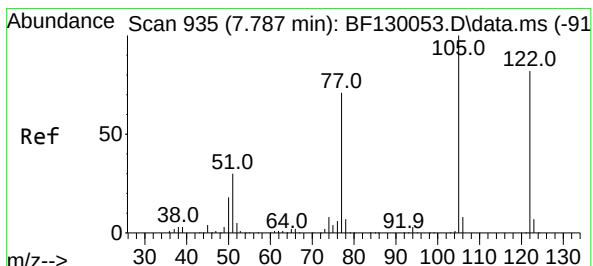
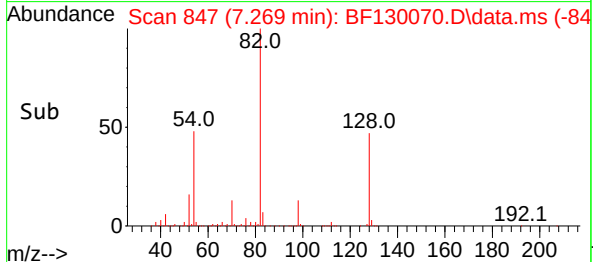
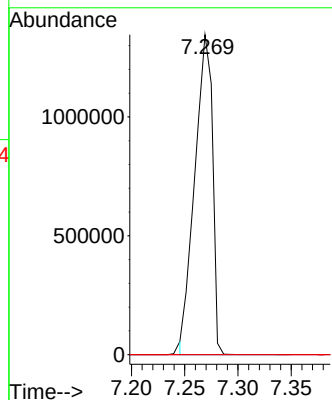
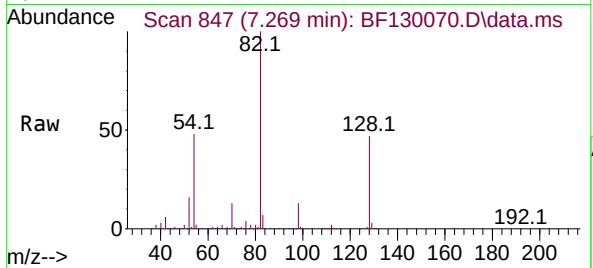




#25
Isophorone
Concen: 45.374 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

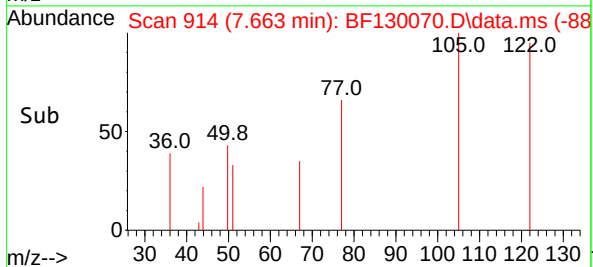
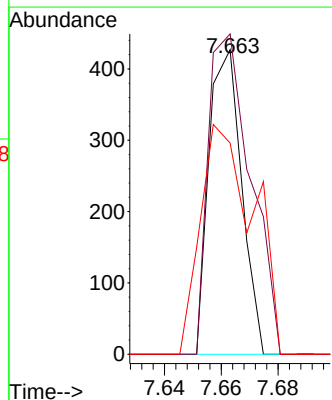
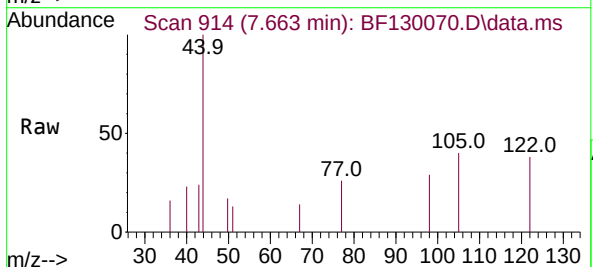
Instrument :
BNA_F
ClientSampleId :
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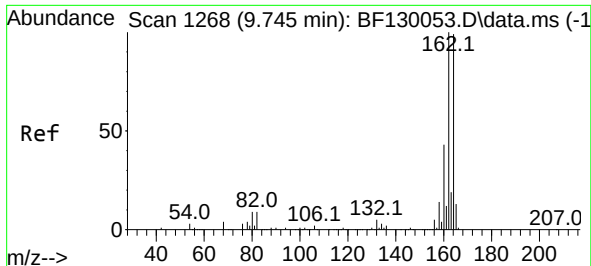
Tgt Ion: 82 Resp: 1559294
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.597 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion: 122 Resp: 341
Ion Ratio Lower Upper
122 100
105 105.2 99.9 139.9
77 69.3 65.9 105.9

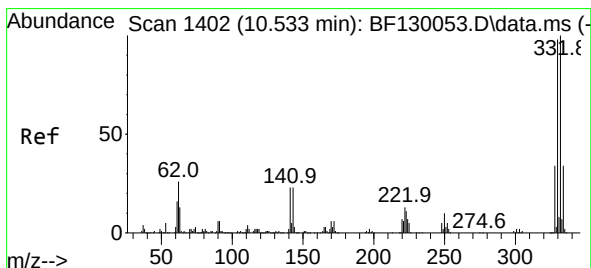
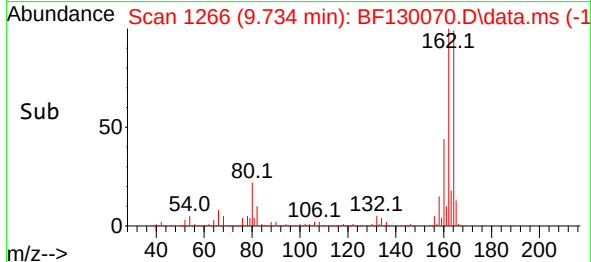
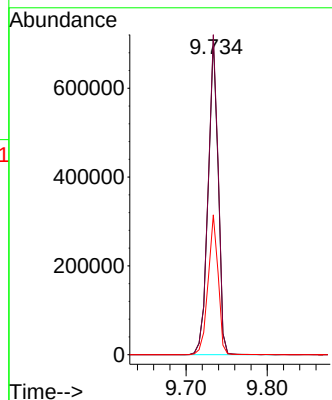
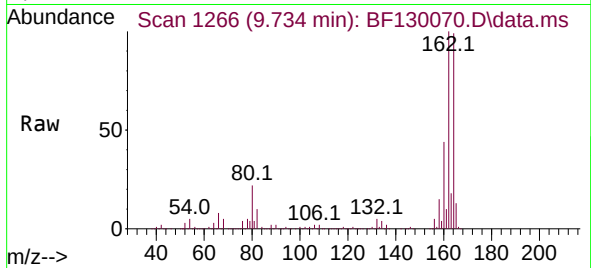




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

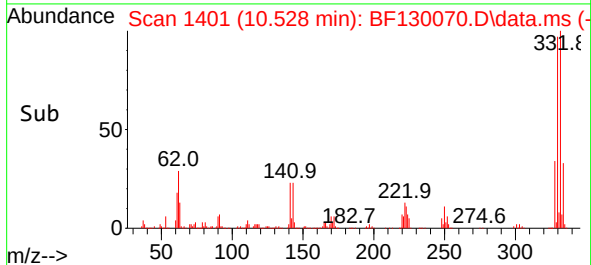
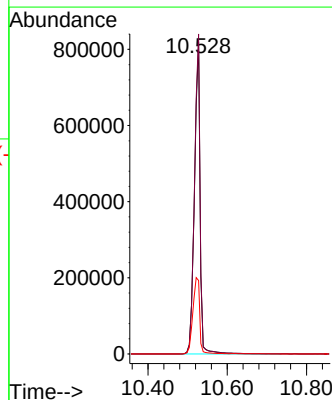
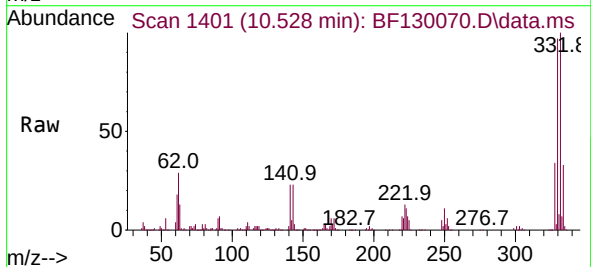
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ClientSampleId :
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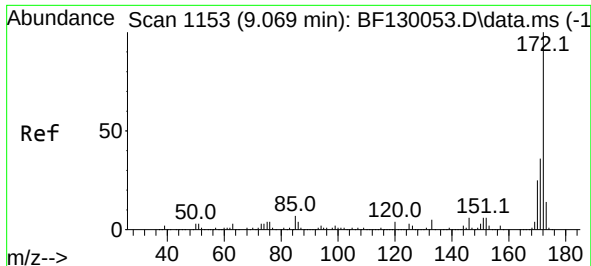
Tgt Ion:164 Resp: 606318
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 146.578 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion:330 Resp: 808992
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 29.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 78.538 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130070.D

Acq: 01 Sep 2022 10:20

Instrument :

BNA_F

ClientSampleId :

PB147382BL

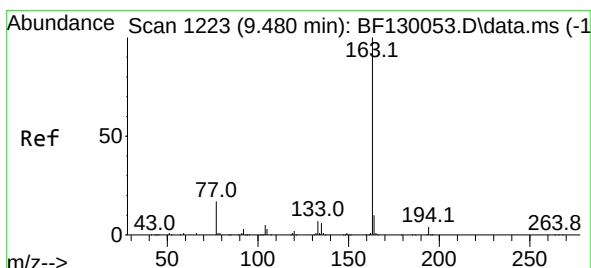
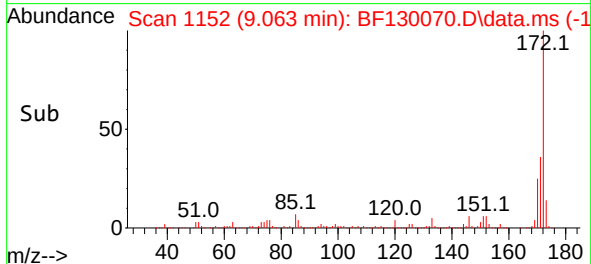
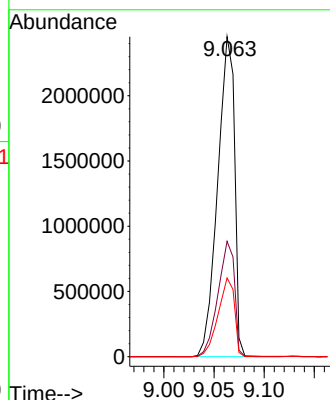
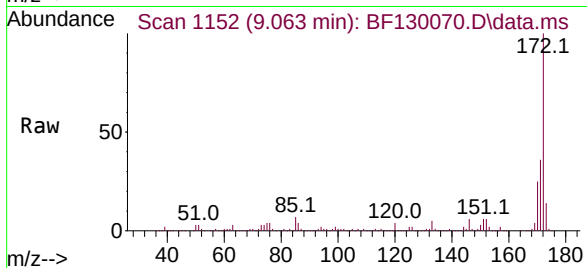
Tgt Ion:172 Resp: 2872148

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.6 19.1 28.7



#50

Dimethylphthalate

Concen: 2.747 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130070.D

Acq: 01 Sep 2022 10:20

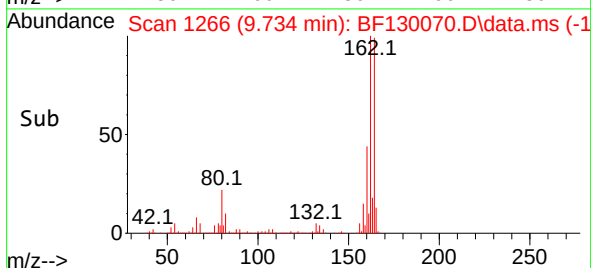
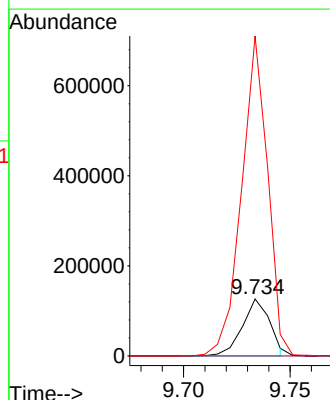
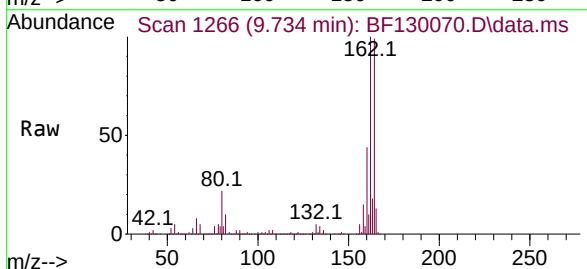
Tgt Ion:163 Resp: 113441

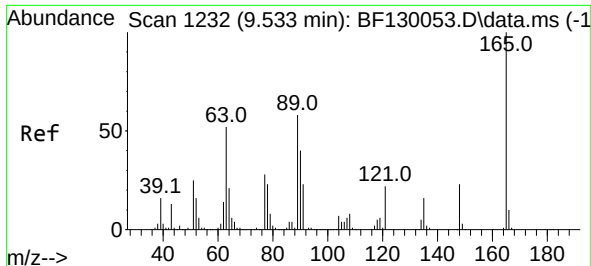
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 562.2 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.813 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130070.D

Acq: 01 Sep 2022 10:20

Instrument :

BNA_F

ClientSampleId :

PB147382BL

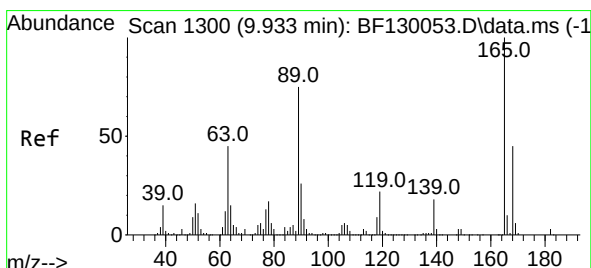
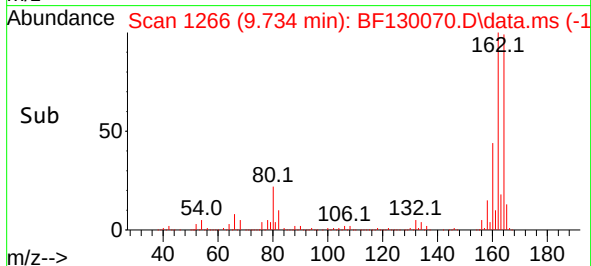
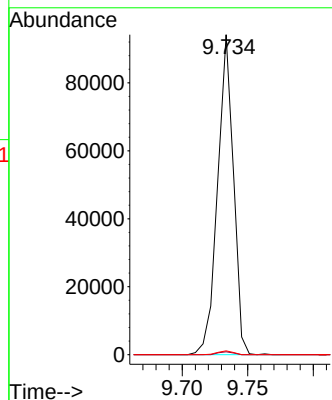
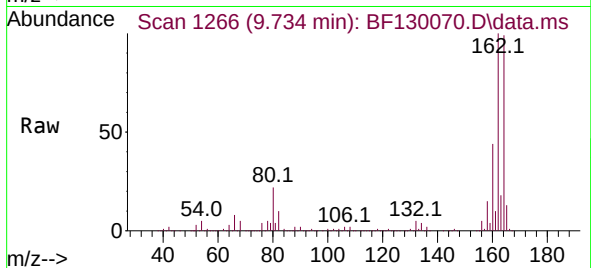
Tgt Ion:165 Resp: 79010

Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.523 ng

RT: 9.734 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130070.D

Acq: 01 Sep 2022 10:20

Tgt Ion:165 Resp: 79010

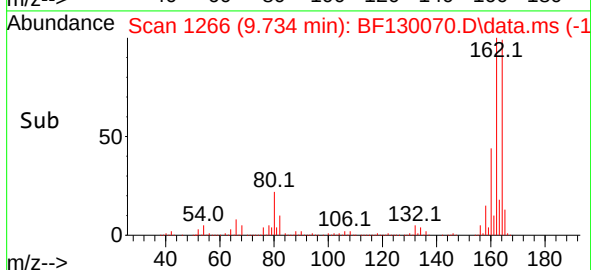
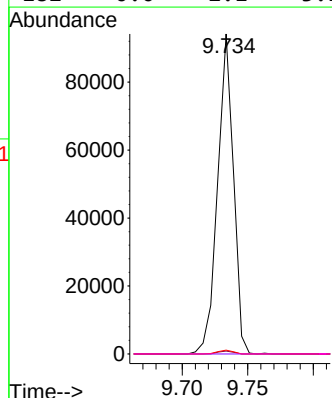
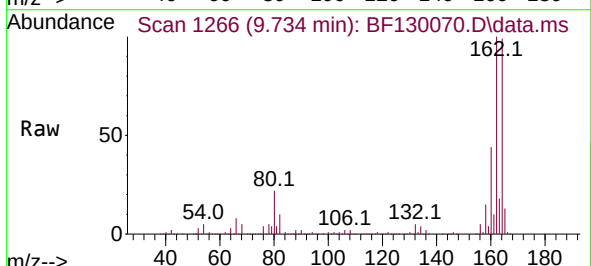
Ion Ratio Lower Upper

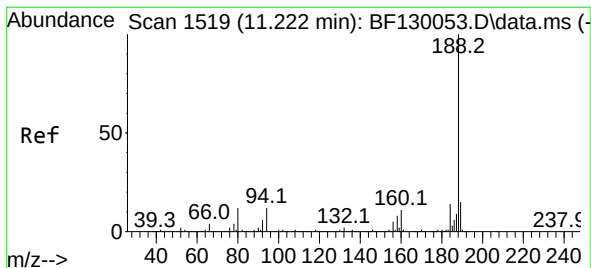
165 100

63 0.9 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: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130070.D

Acq: 01 Sep 2022 10:20

Instrument :

BNA_F

ClientSampleId :

PB147382BL

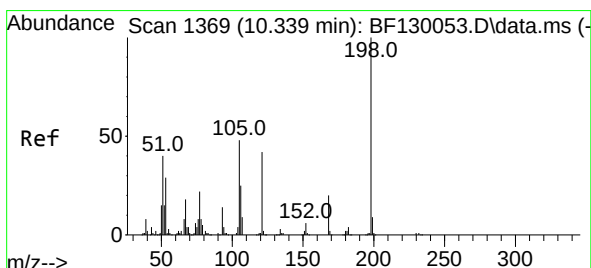
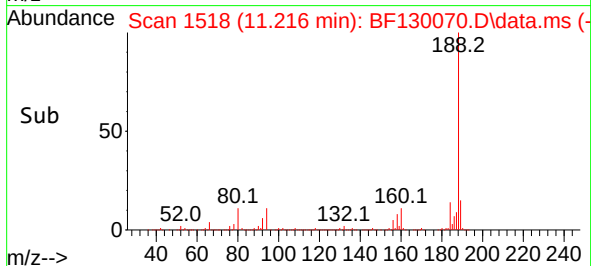
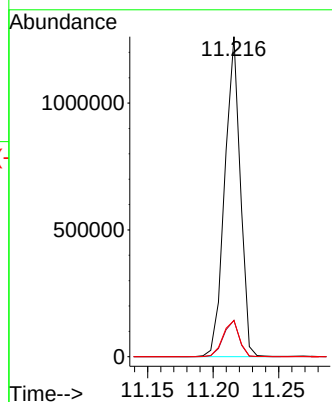
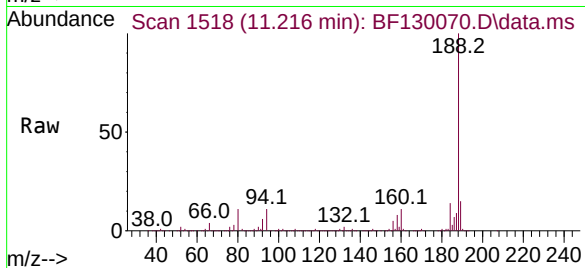
Tgt Ion:188 Resp: 1039732

Ion Ratio Lower Upper

188 100

94 11.3 7.4 11.2#

80 11.3 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.382 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130070.D

Acq: 01 Sep 2022 10:20

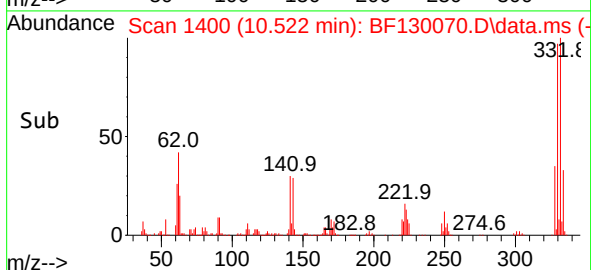
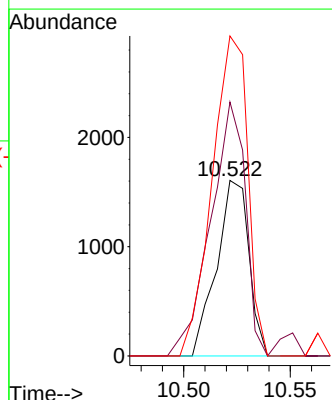
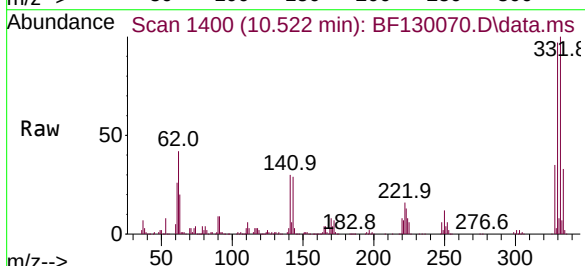
Tgt Ion:198 Resp: 1693

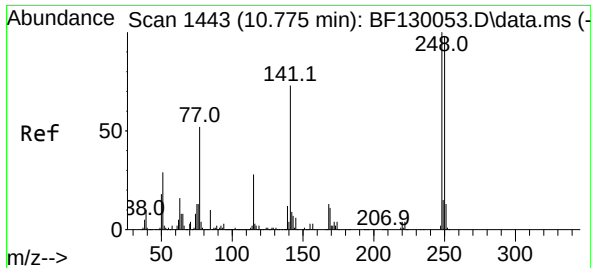
Ion Ratio Lower Upper

198 100

51 144.7 29.4 69.4#

105 182.4 29.2 69.2#

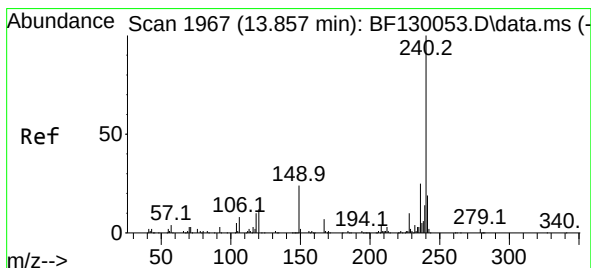
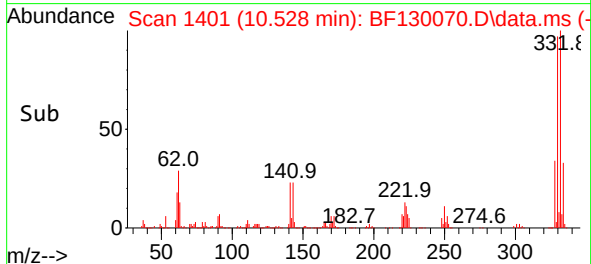
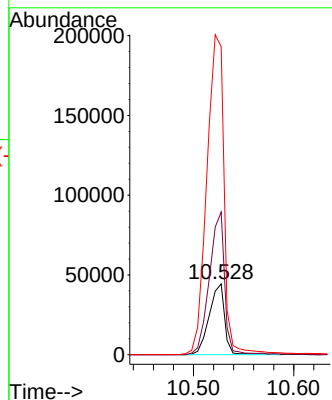
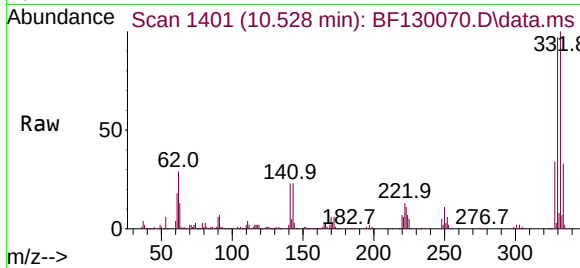




#67
4-Bromophenyl-phenylether
Concen: 4.129 ng
RT: 10.528 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

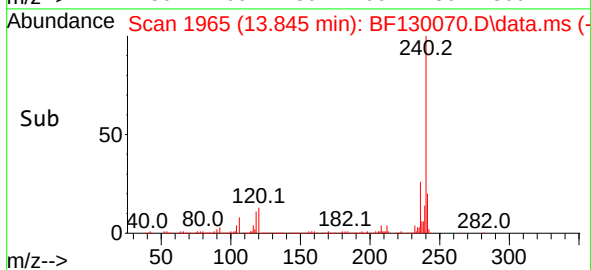
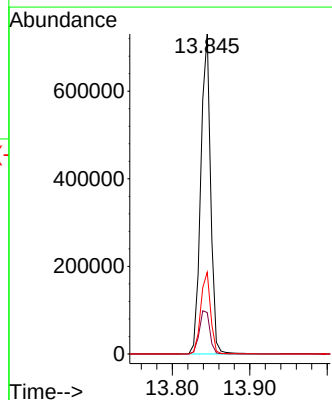
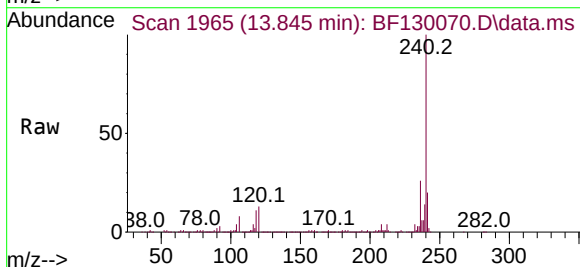
Instrument :
BNA_F
ClientSampleId :
PB147382BL

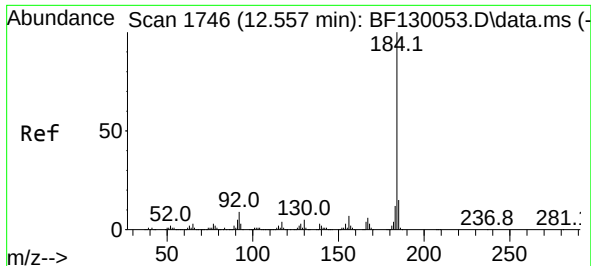
Tgt Ion:248 Resp: 47756
Ion Ratio Lower Upper
248 100
250 201.6 77.8 116.6#
141 435.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion:240 Resp: 643014
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.6 20.7 31.1

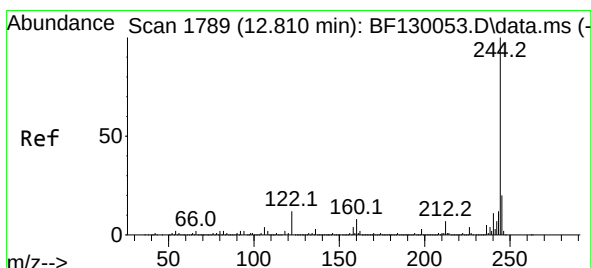
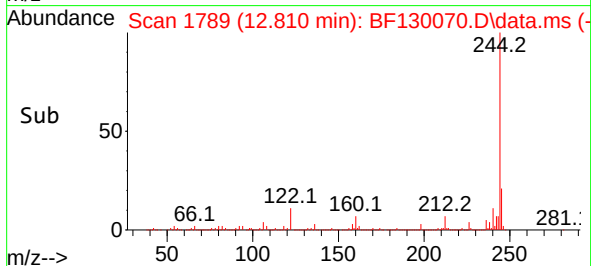
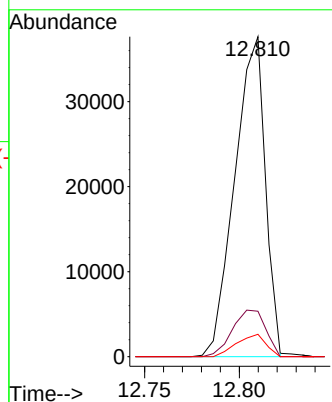
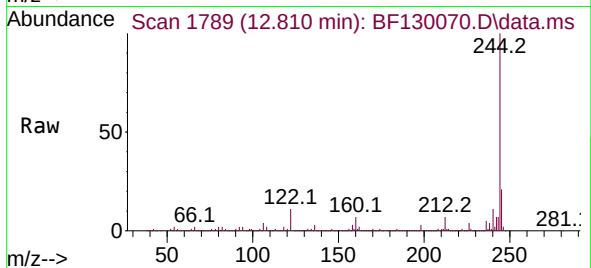




#77
Benzidine
Concen: 2.432 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

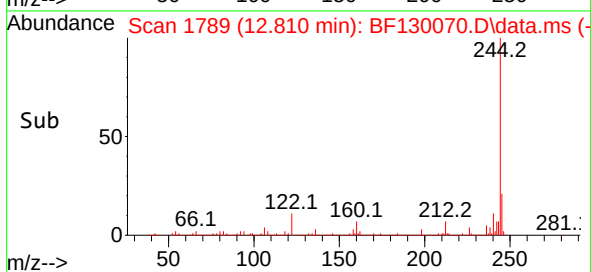
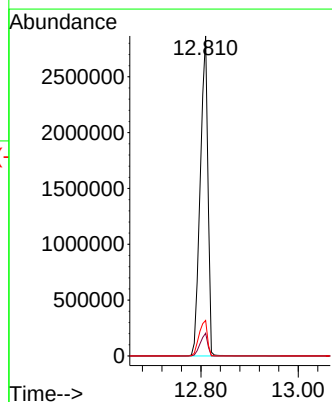
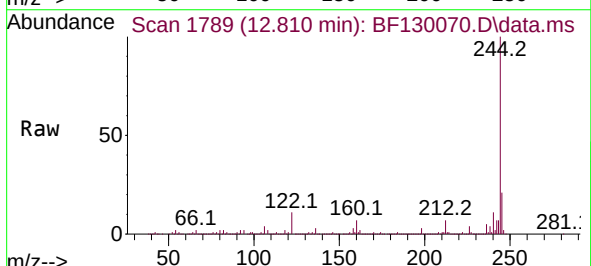
Instrument :
BNA_F
ClientSampleId :
PB147382BL

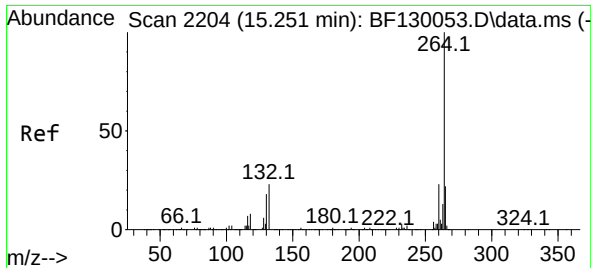
Tgt Ion:184 Resp: 42214
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 7.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.585 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130070.D
Acq: 01 Sep 2022 10:20

Tgt Ion:244 Resp: 3136421
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.1 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: BF130070.D
 Acq: 01 Sep 2022 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PB147382BL

Tgt Ion:264 Resp: 465384
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.7 16.7 25.1

