

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130062.D
 Acq On : 31 Aug 2022 21:08
 Operator : CG\JU
 Sample : PB147308BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147308BL

Quant Time: Sep 01 03:31:41 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)

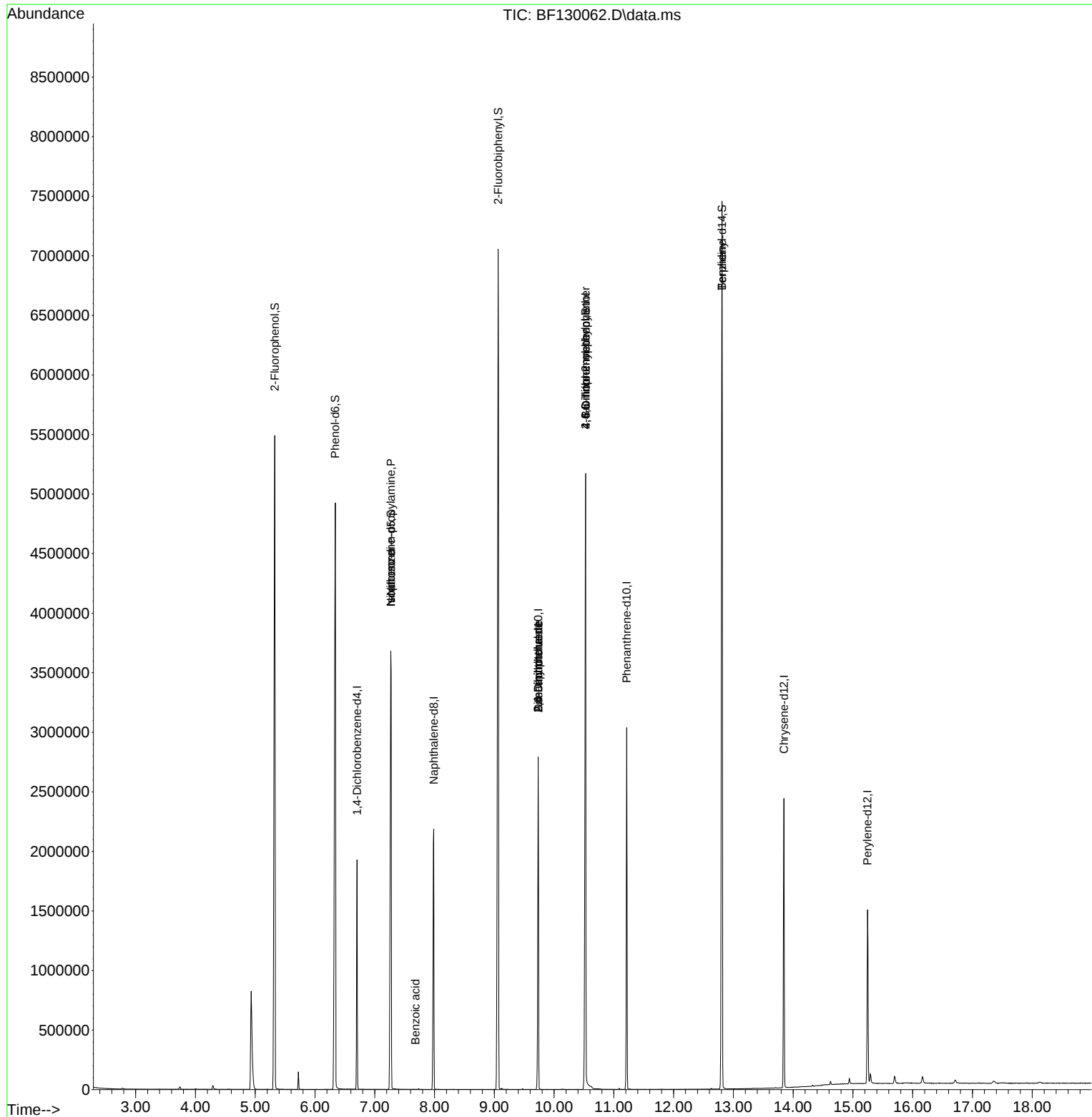
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	270423	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1119620	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	600103	20.000	ng	-0.01
64) Phenanthrene-d10	11.215	188	1025467	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	736966	20.000	ng	#-0.01
86) Perylene-d12	15.245	264	585175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	2109272	132.415	ng	0.02
7) Phenol-d6	6.339	99	2620644	131.961	ng	0.00
23) Nitrobenzene-d5	7.269	82	1623966	93.216	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	773873	141.667	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2891272	79.880	ng	0.00
79) Terphenyl-d14	12.809	244	3232752	76.068	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	211473	17.676	ng	# 74
25) Isophorone	7.269	82	1590509	45.106	ng	# 65
32) Benzoic acid	7.680	122	102	6.580	ng	# 34
50) Dimethylphthalate	9.733	163	113016	2.765	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	78323	9.828	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	78323	8.536	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.527	198	1516	6.354	ng	# 1
67) 4-Bromophenyl-phenylether	10.527	248	45112	3.955	ng	# 1
77) Benzidine	12.809	184	43793	2.201	ng	# 92

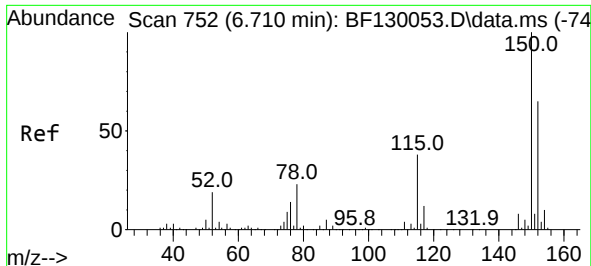
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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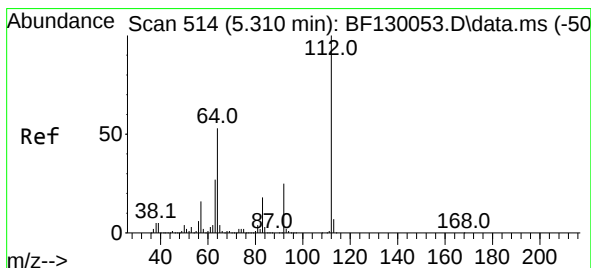
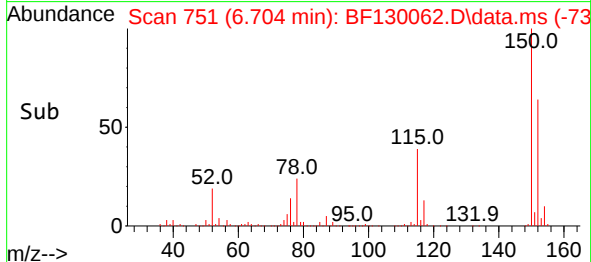
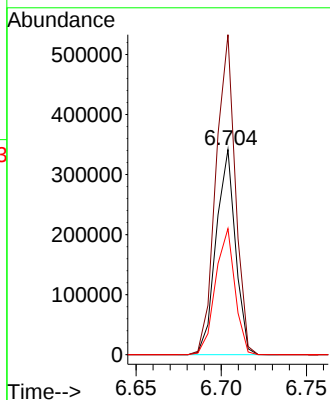
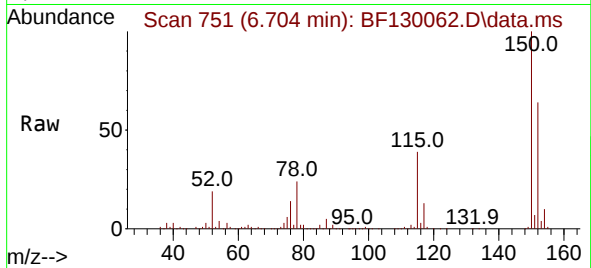




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

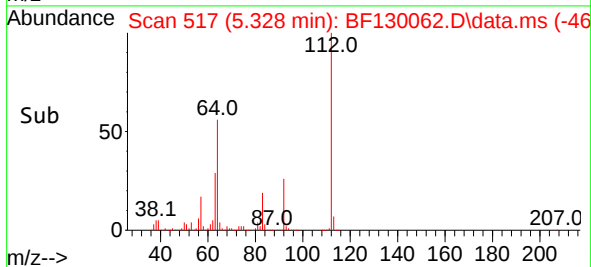
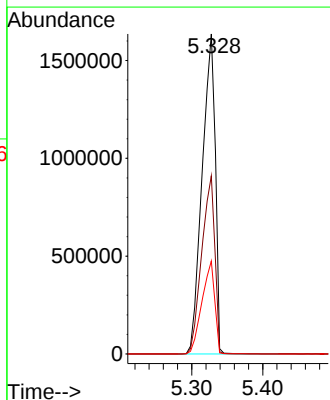
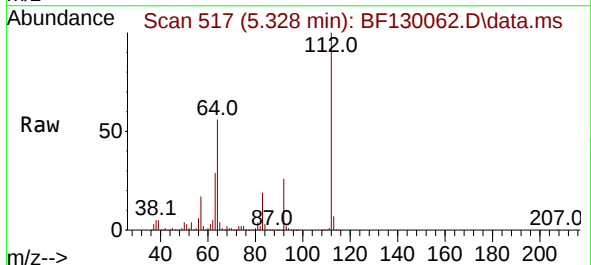
Instrument :
BNA_F
ClientSampleId :
PB147308BL

Tgt Ion:152 Resp: 270423
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 61.5 53.4 80.0



#5
2-Fluorophenol
Concen: 132.415 ng
RT: 5.328 min Scan# 517
Delta R.T. 0.017 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion:112 Resp: 2109272
Ion Ratio Lower Upper
112 100
64 55.7 47.6 71.4
63 29.1 24.6 37.0

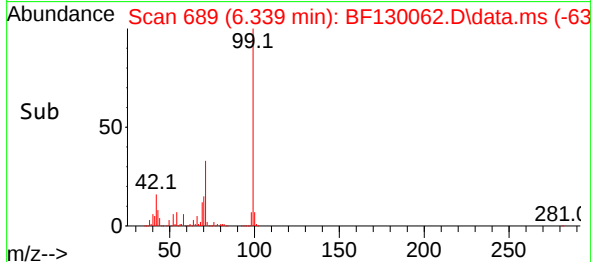
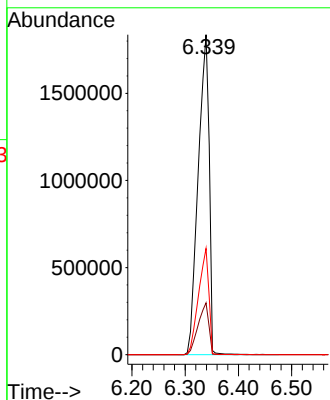
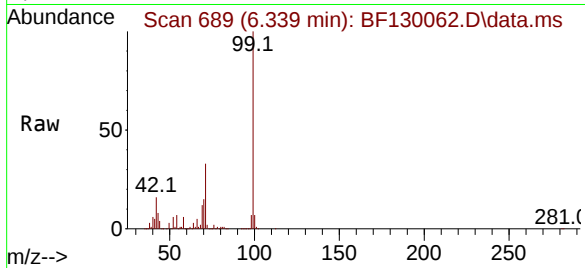




#7
Phenol-d6
Concen: 131.961 ng
RT: 6.339 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

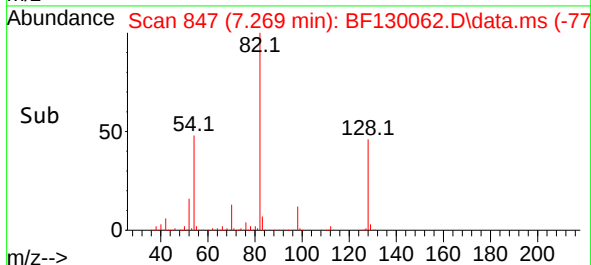
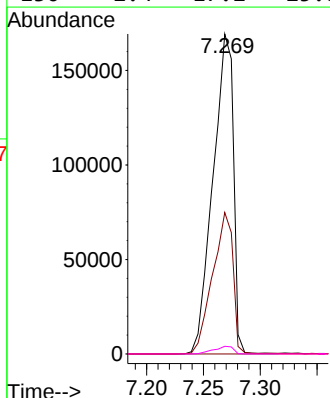
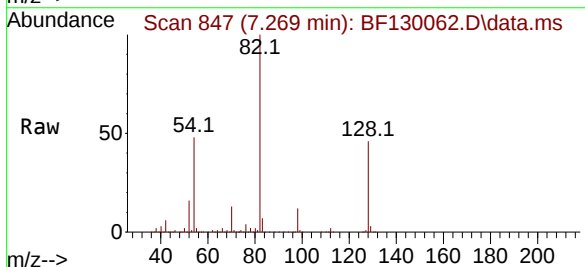
Instrument :
BNA_F
ClientSampleId :
PB147308BL

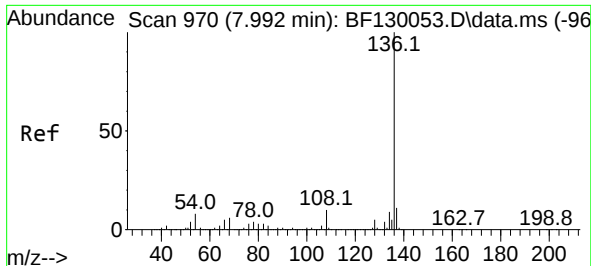
Tgt Ion: 99 Resp: 2620644
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.4
71 33.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.676 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion: 70 Resp: 211473
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

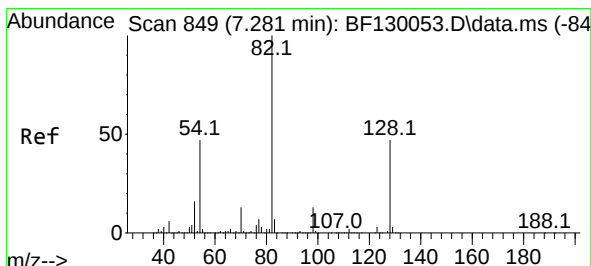
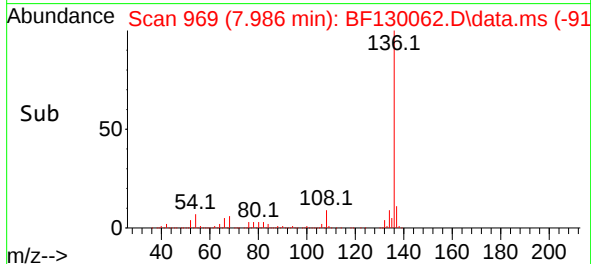
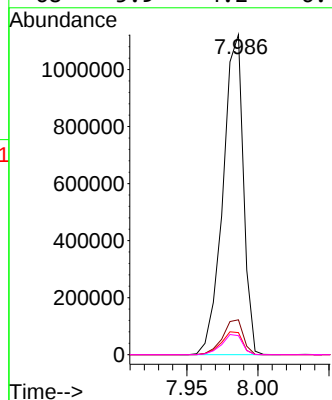
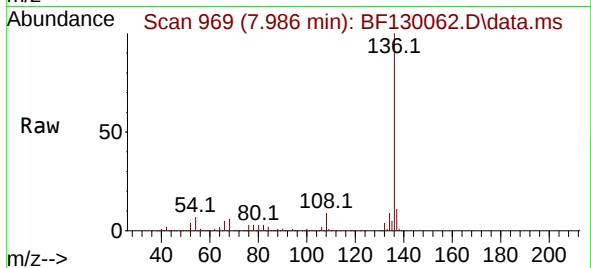




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

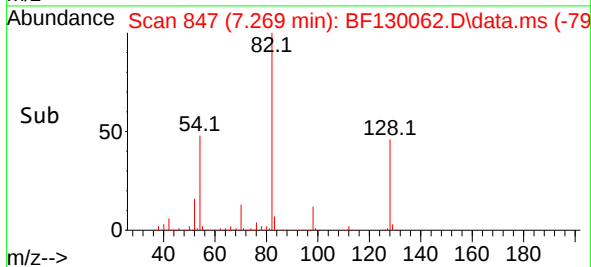
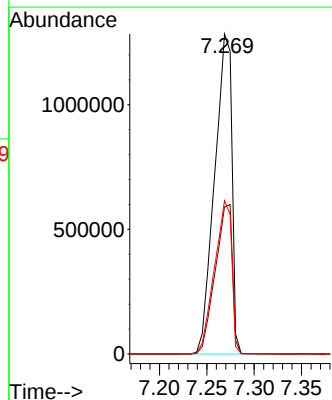
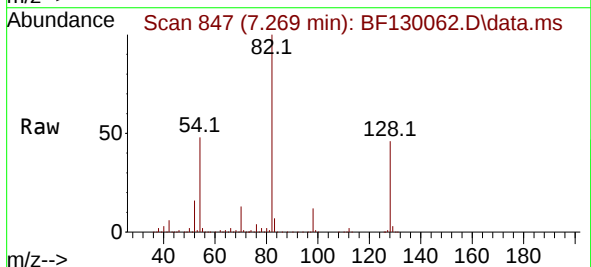
Instrument :
BNA_F
ClientSampleId :
PB147308BL

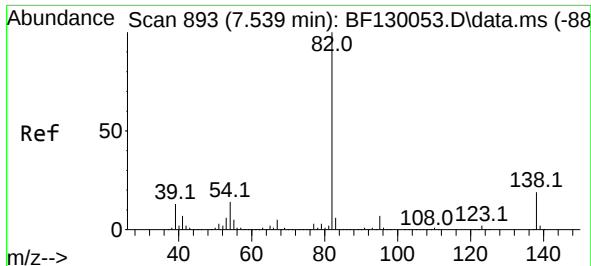
Tgt Ion:136 Resp: 1119620
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.9 6.2 9.2
68 5.9 4.2 6.4



#23
Nitrobenzene-d5
Concen: 93.216 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion: 82 Resp: 1623966
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 47.9 40.0 60.0

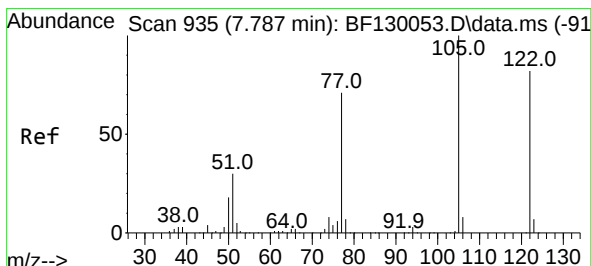
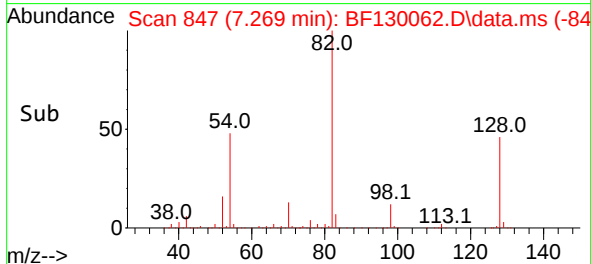
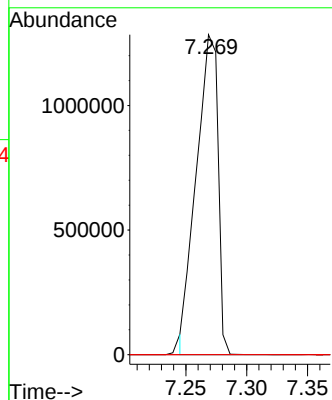
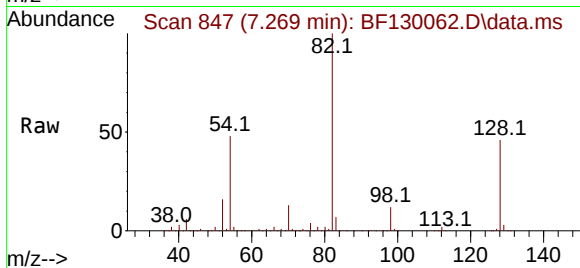




#25
Isophorone
Concen: 45.106 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

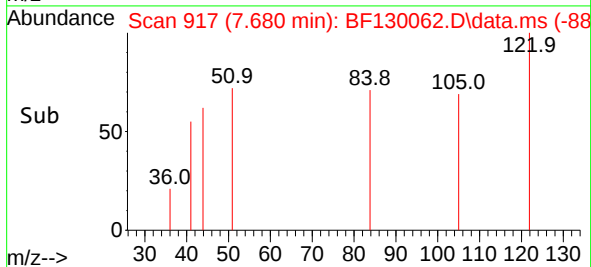
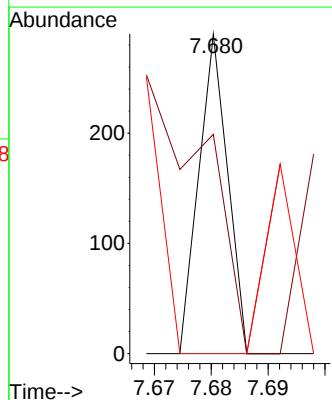
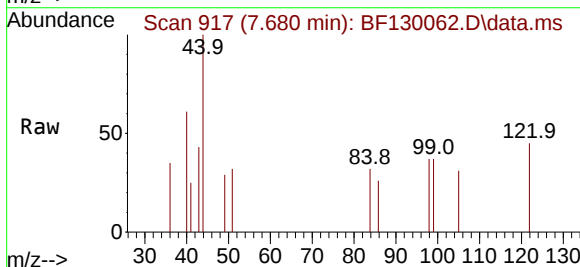
Instrument :
BNA_F
ClientSampleId :
PB147308BL

Tgt Ion: 82 Resp: 1590509
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.580 ng
RT: 7.680 min Scan# 917
Delta R.T. -0.107 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion: 122 Resp: 102
Ion Ratio Lower Upper
122 100
105 68.6 99.9 139.9#
77 0.0 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130062.D

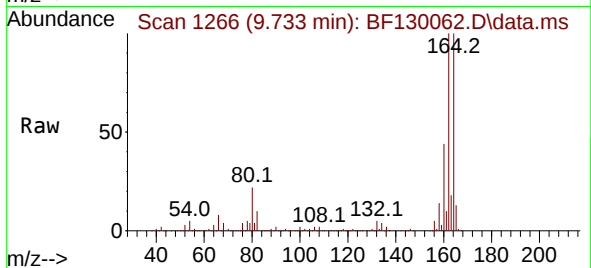
Acq: 31 Aug 2022 21:08

Instrument :

BNA_F

ClientSampleId :

PB147308BL



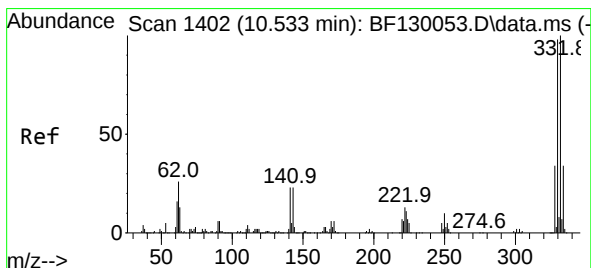
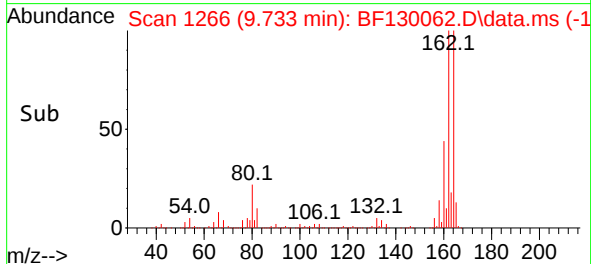
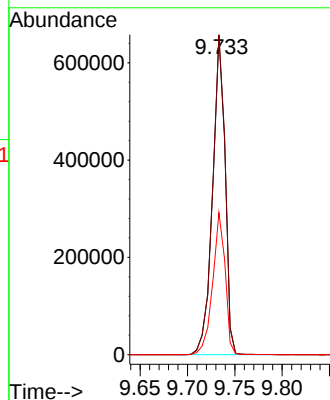
Tgt Ion:164 Resp: 600103

Ion Ratio Lower Upper

164 100

162 100.5 82.0 123.0

160 44.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 141.667 ng

RT: 10.527 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

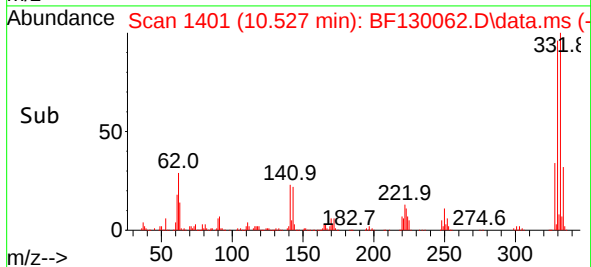
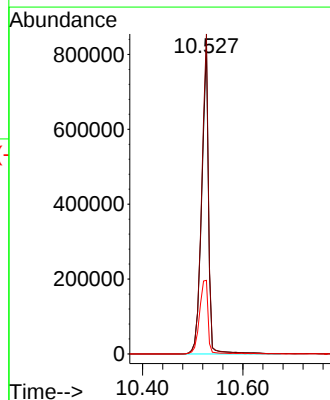
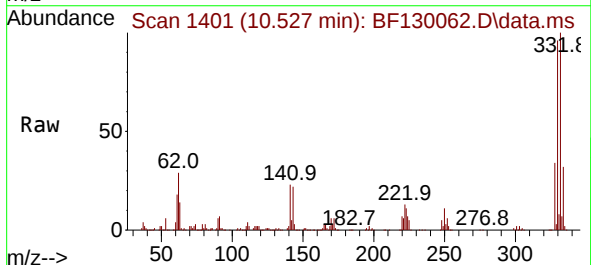
Tgt Ion:330 Resp: 773873

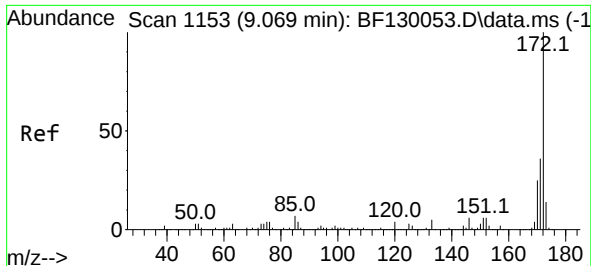
Ion Ratio Lower Upper

330 100

332 104.3 82.6 124.0

141 30.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 79.880 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

Instrument :

BNA_F

ClientSampleId :

PB147308BL

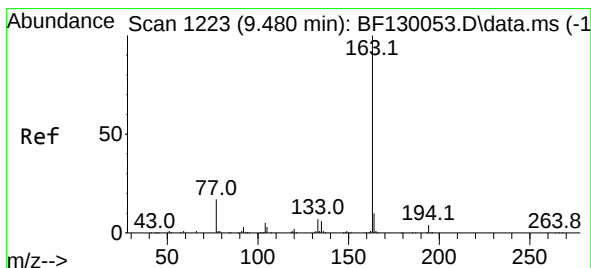
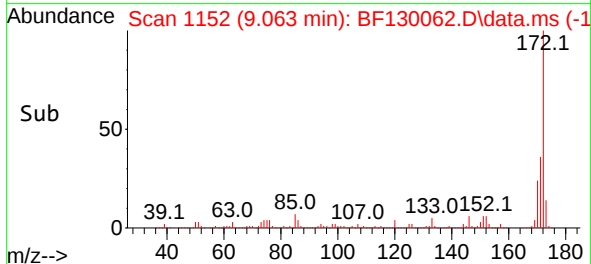
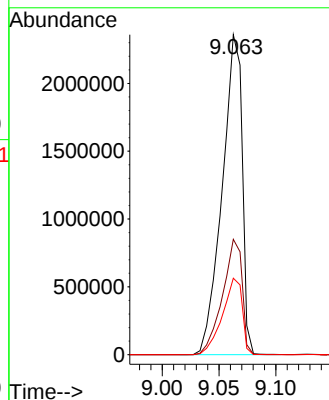
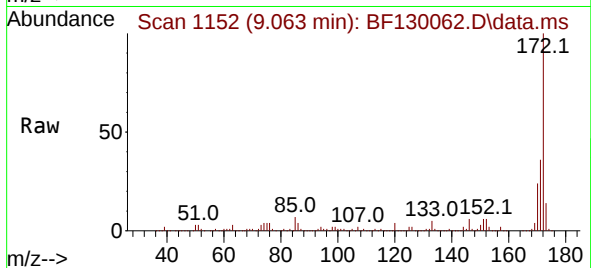
Tgt Ion:172 Resp: 2891272

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.765 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

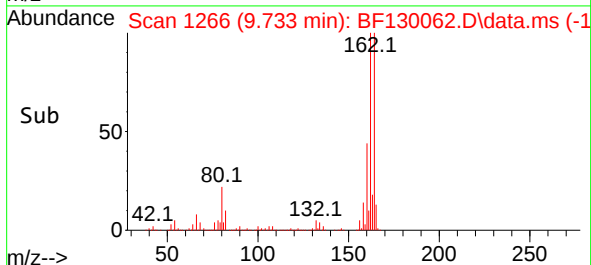
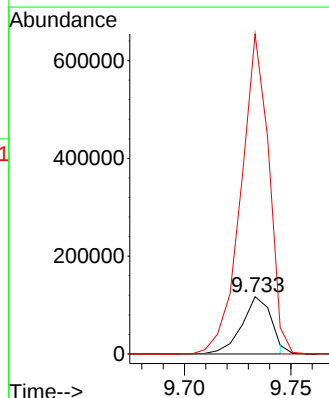
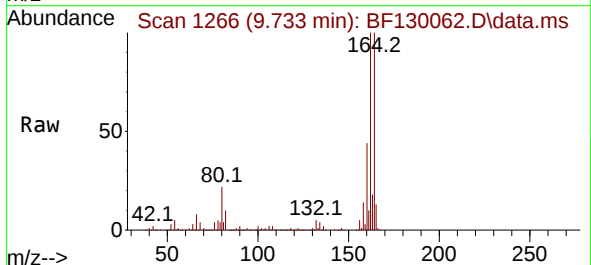
Tgt Ion:163 Resp: 113016

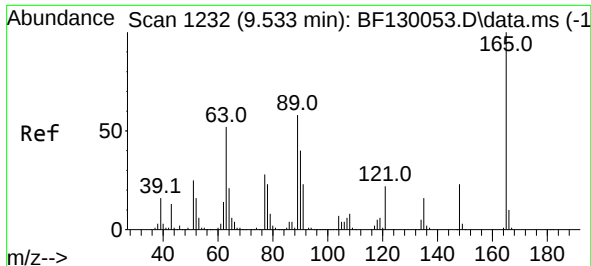
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 558.2 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.828 ng

RT: 9.733 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

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BNA_F

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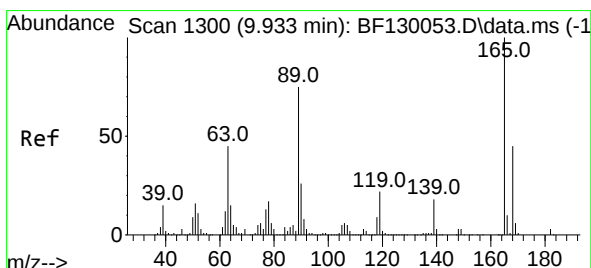
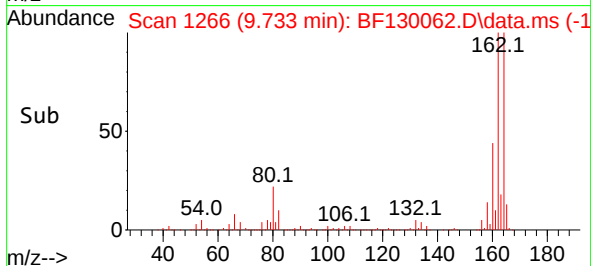
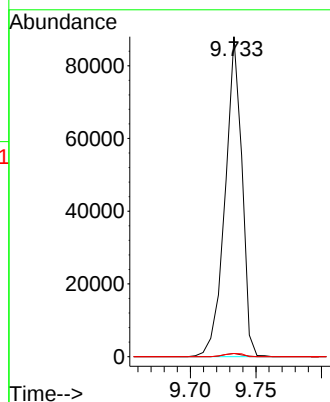
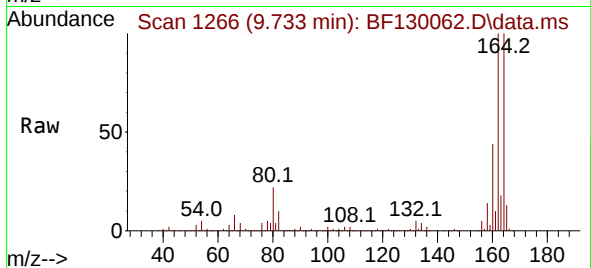
Tgt Ion:165 Resp: 78323

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: 8.536 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

Tgt Ion:165 Resp: 78323

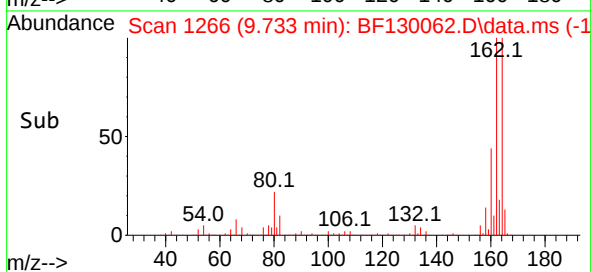
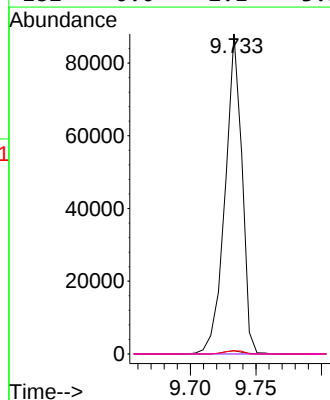
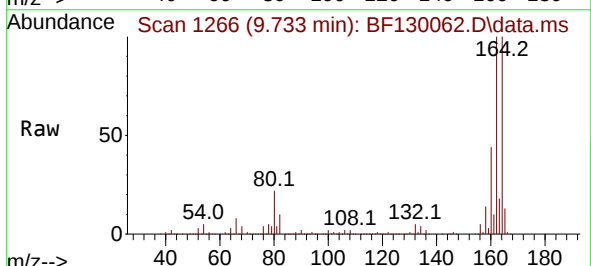
Ion Ratio Lower Upper

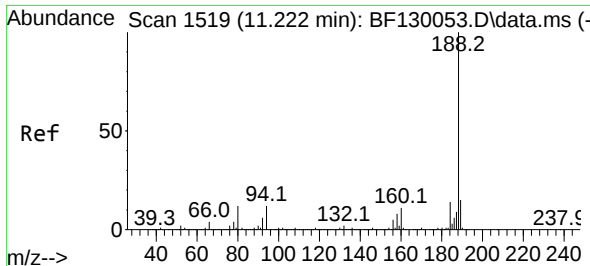
165 100

63 1.0 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

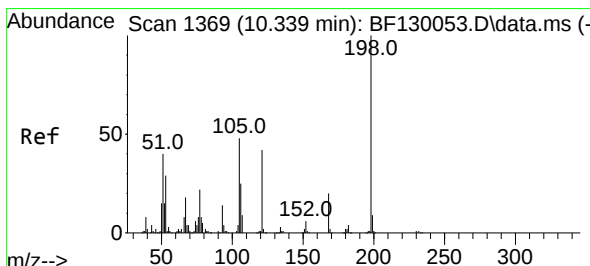
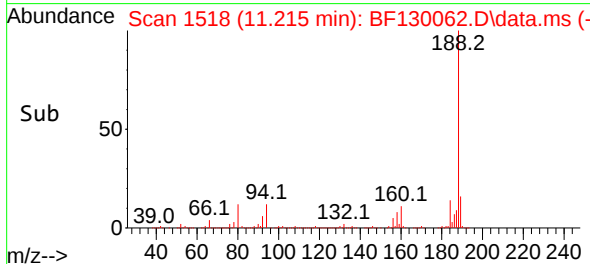
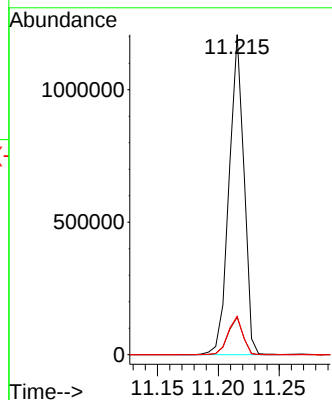
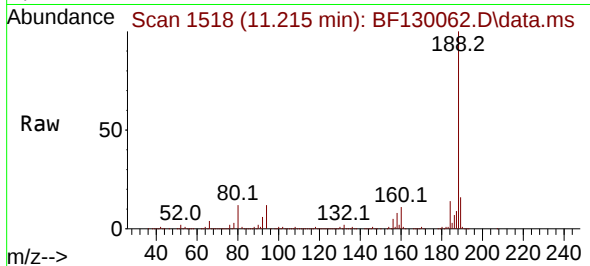




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.215 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

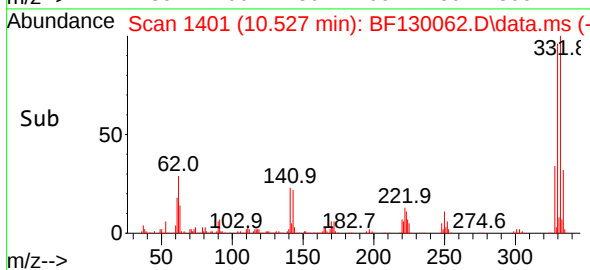
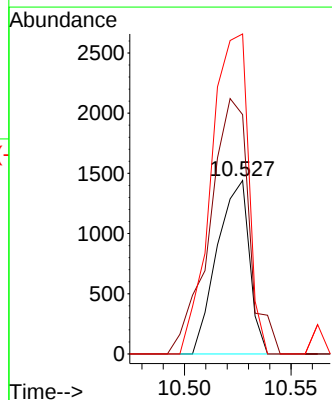
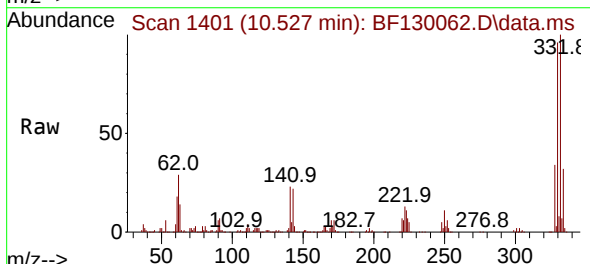
Instrument :
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ClientSampleId :
PB147308BL

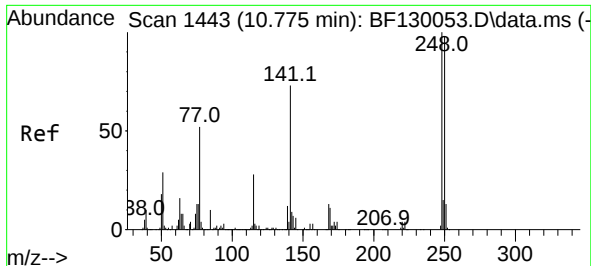
Tgt Ion:188 Resp: 1025467
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.0 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.354 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.188 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion:198 Resp: 1516
Ion Ratio Lower Upper
198 100
51 138.0 29.4 69.4#
105 184.5 29.2 69.2#

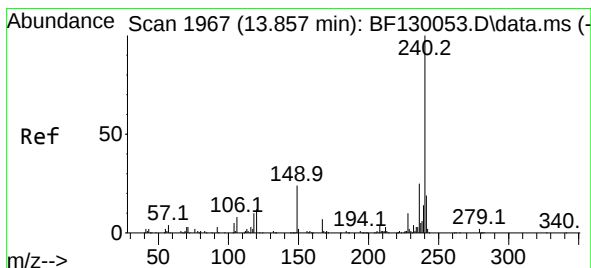
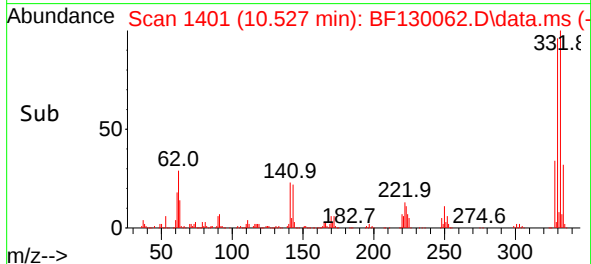
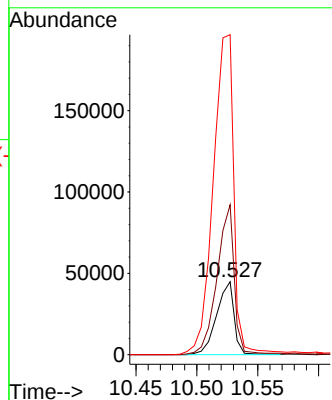
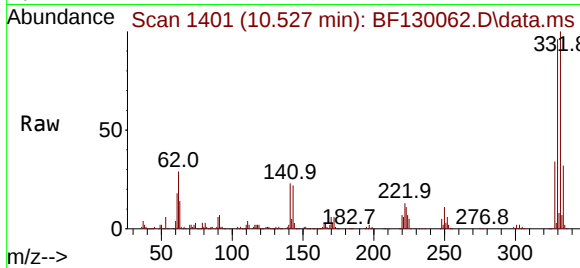




#67
4-Bromophenyl-phenylether
Concen: 3.955 ng
RT: 10.527 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

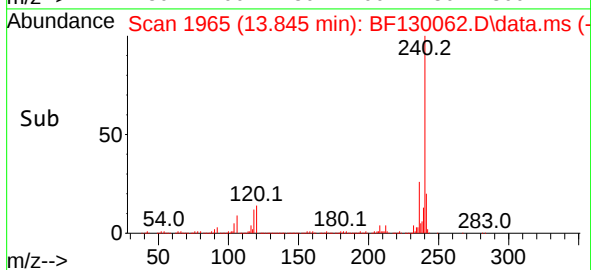
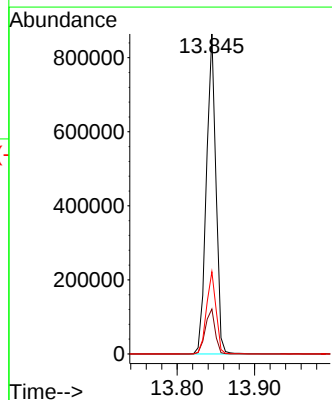
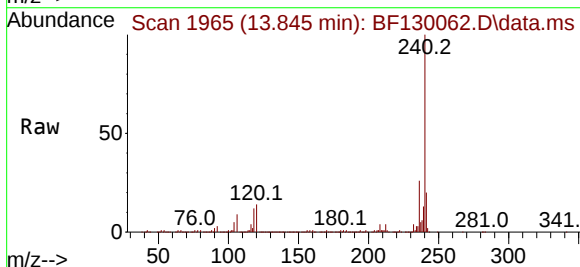
Instrument :
BNA_F
ClientSampleId :
PB147308BL

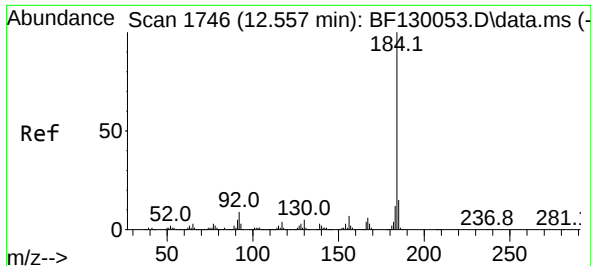
Tgt Ion:248 Resp: 45112
Ion Ratio Lower Upper
248 100
250 205.2 77.8 116.6#
141 438.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion:240 Resp: 736966
Ion Ratio Lower Upper
240 100
120 14.0 9.2 13.8#
236 25.7 20.7 31.1

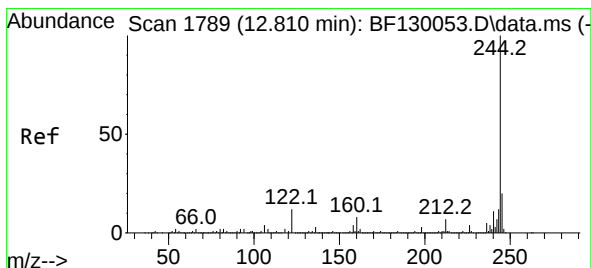
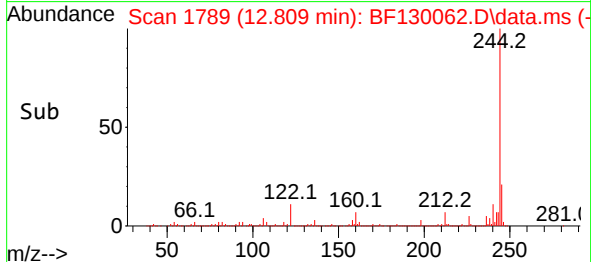
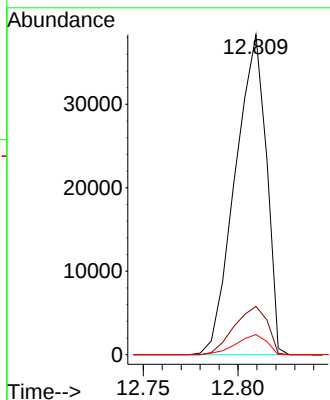
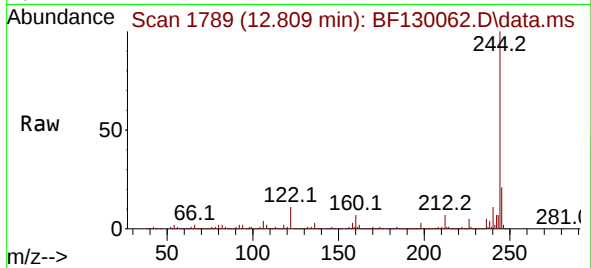




#77
Benzidine
Concen: 2.201 ng
RT: 12.809 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

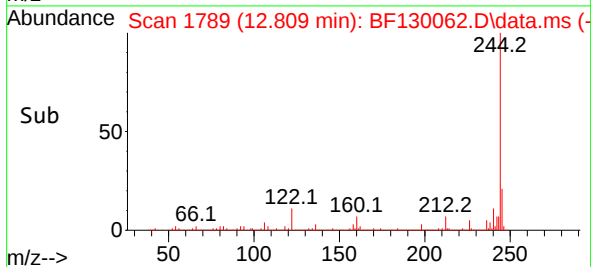
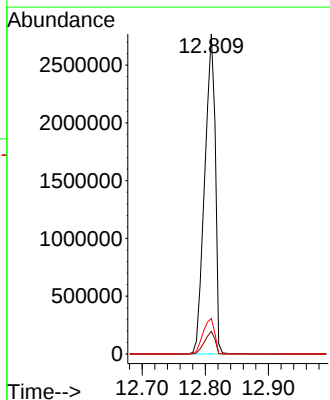
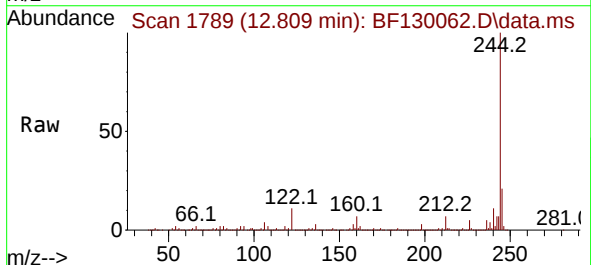
Instrument :
BNA_F
ClientSampleId :
PB147308BL

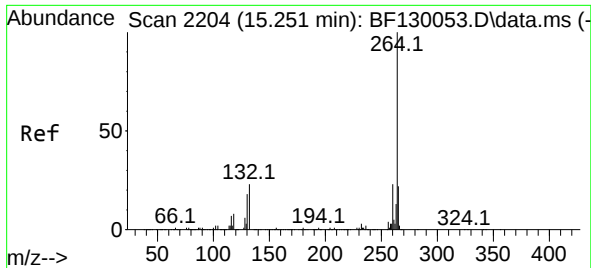
Tgt Ion:184 Resp: 43793
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.068 ng
RT: 12.809 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion:244 Resp: 3232752
Ion Ratio Lower Upper
244 100
212 7.0 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: BF130062.D
Acq: 31 Aug 2022 21:08

Instrument :
BNA_F
ClientSampleId :
PB147308BL

Tgt Ion:264 Resp: 585175

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.0	16.7	25.1

