

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130087.D
 Acq On : 01 Sep 2022 20:20
 Operator : CG\JU
 Sample : N4387-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251563-2

Quant Time: Sep 02 04:03:59 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)

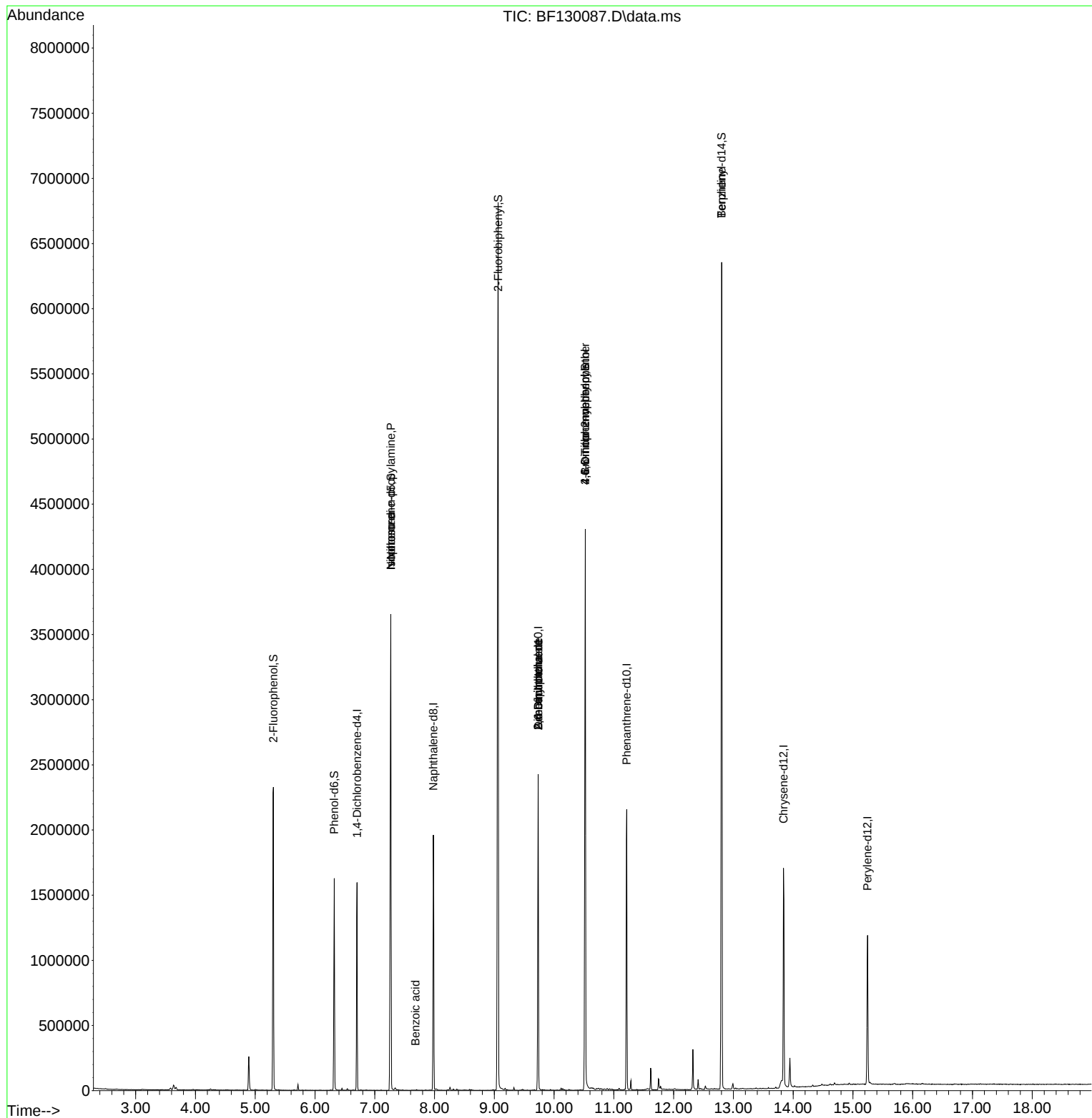
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	229997	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	901227	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	481087	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	784050	20.000	ng	0.00
76) Chrysene-d12	13.839	240	532042	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	444914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	717346	52.949	ng	0.00
7) Phenol-d6	6.322	99	515606	30.527	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1313458	93.662	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	561825	128.293	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2364296	81.480	ng	0.00
79) Terphenyl-d14	12.804	244	2396154	78.100	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	170314	16.738	ng	# 73
25) Isophorone	7.269	82	1309277	46.128	ng	# 65
32) Benzoic acid	7.681	122	111	6.582	ng	# 32
50) Dimethylphthalate	9.733	163	89056	2.718	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	63230	9.897	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	63230	8.596	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1293	6.386	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	32864	3.768	ng	# 1
77) Benzidine	12.804	184	33370	2.323	ng	# 93

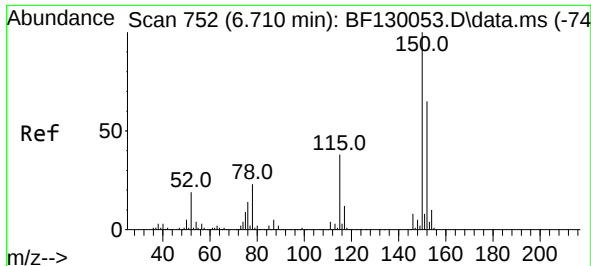
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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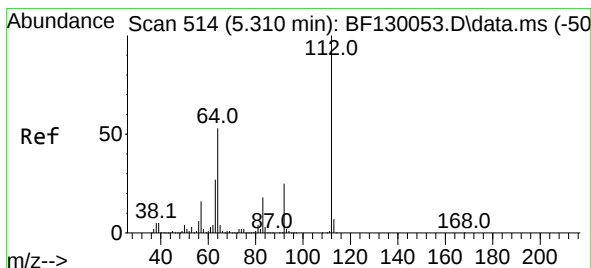
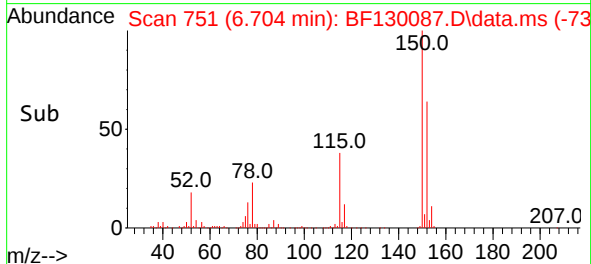
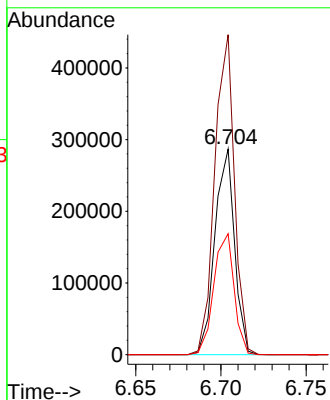
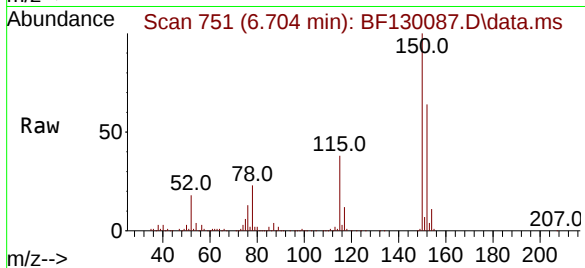




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130087.D
 Acq: 01 Sep 2022 20:20

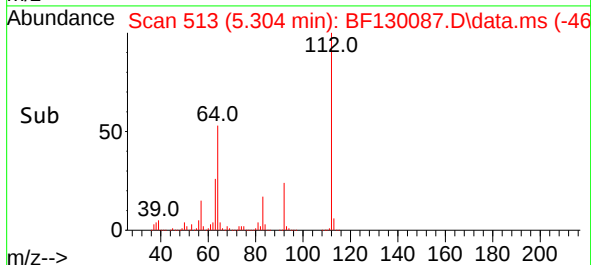
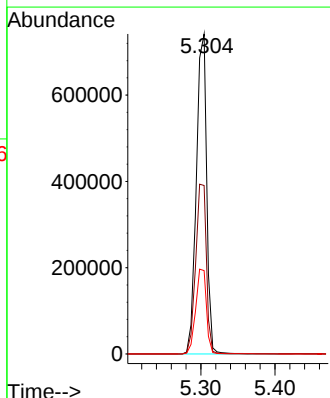
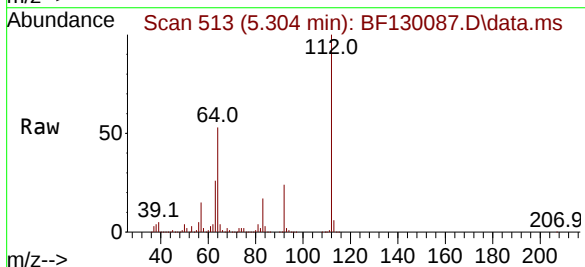
Instrument :
 BNA_F
 ClientSampleId :
 251563-2

Tgt Ion:152 Resp: 229997
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 58.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 52.949 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130087.D
 Acq: 01 Sep 2022 20:20

Tgt Ion:112 Resp: 717346
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.6 71.4
 63 26.1 24.6 37.0

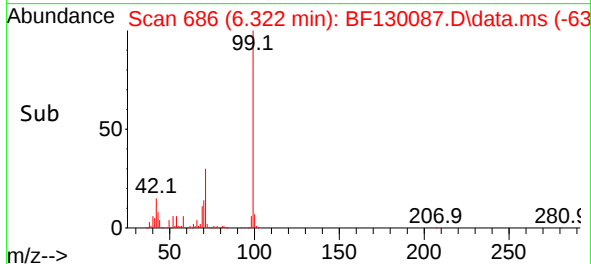
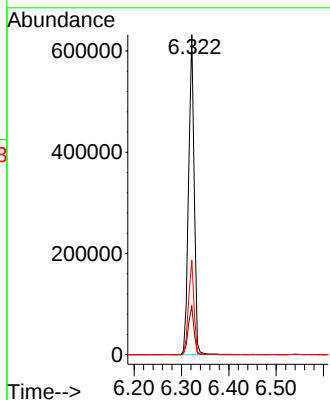
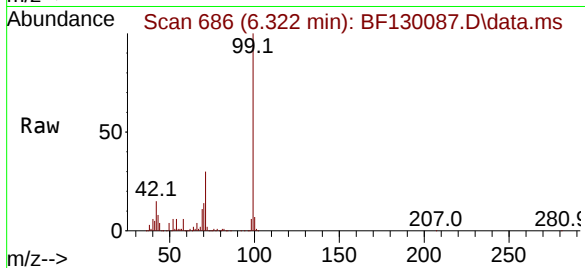




#7
Phenol-d6
Concen: 30.527 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

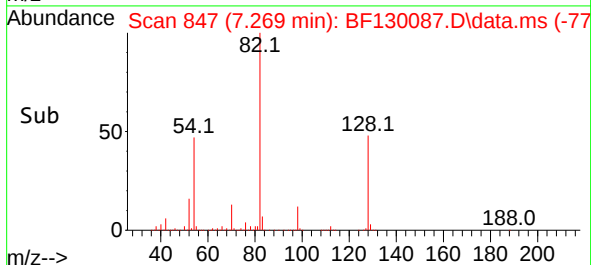
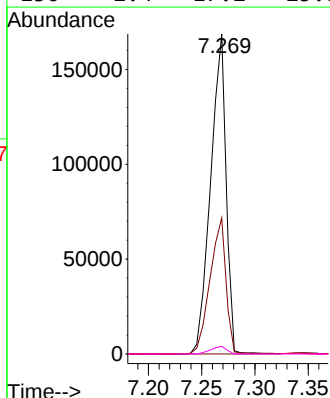
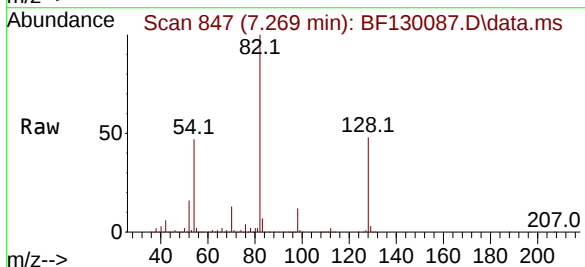
Instrument :
BNA_F
ClientSampleId :
251563-2

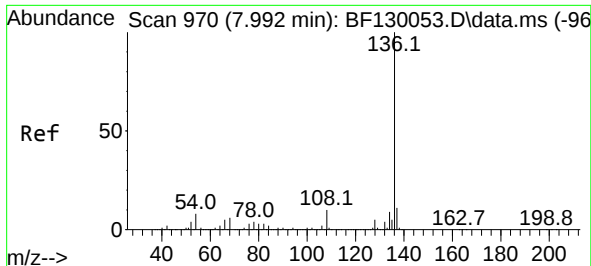
Tgt Ion: 99 Resp: 515606
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 29.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.738 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion: 70 Resp: 170314
Ion Ratio Lower Upper
70 100
42 42.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

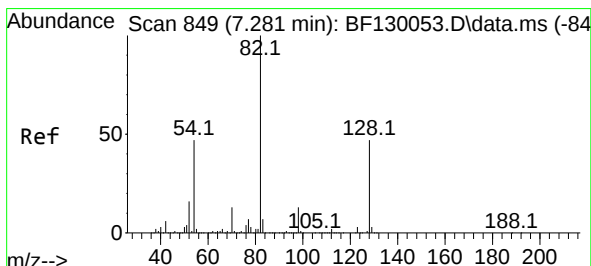
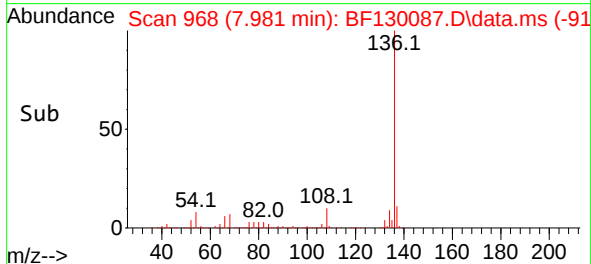
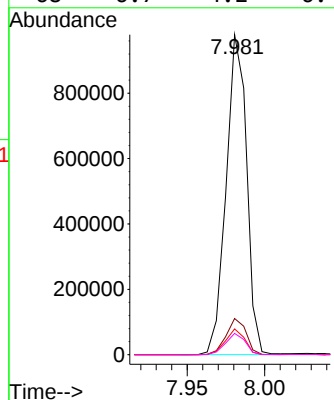
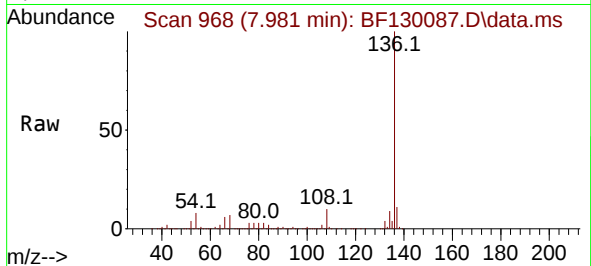




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

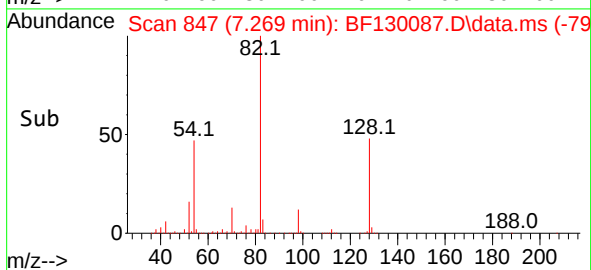
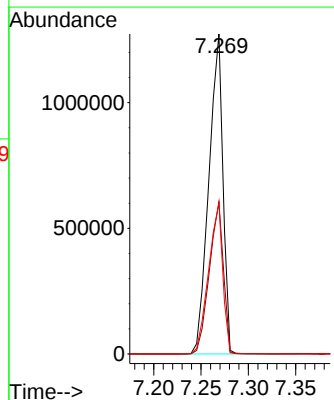
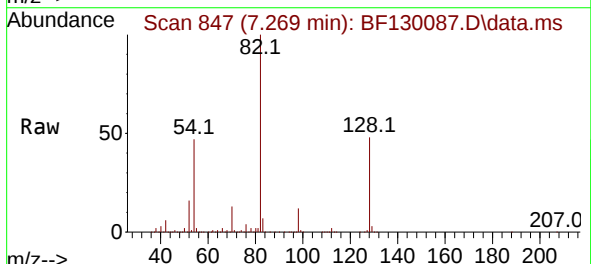
Instrument :
BNA_F
ClientSampleId :
251563-2

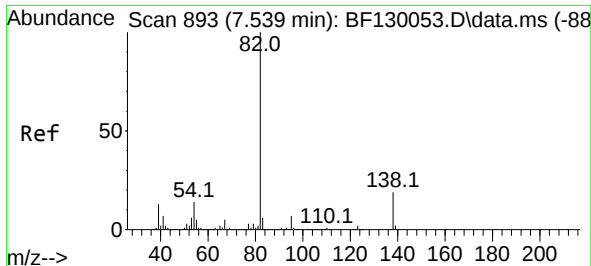
Tgt Ion:136 Resp: 901227
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 6.2 9.2
68 6.7 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 93.662 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion: 82 Resp: 1313458
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 47.2 40.0 60.0

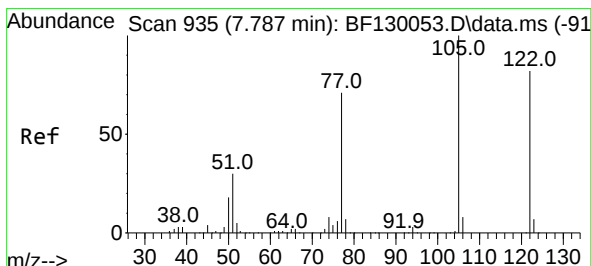
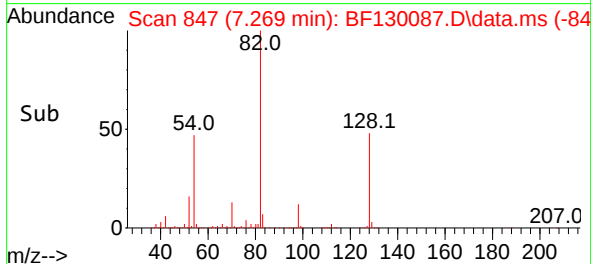
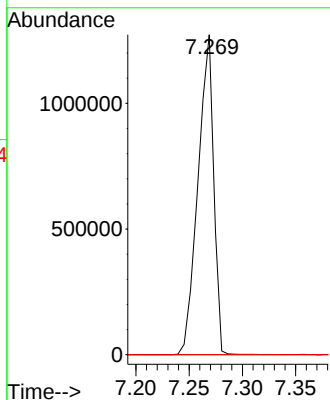
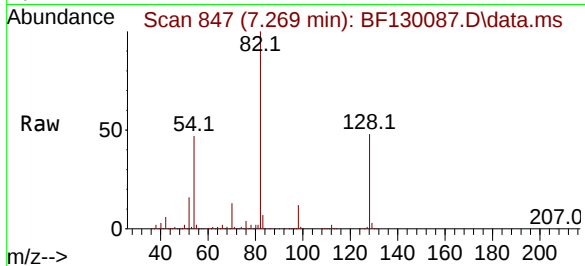




#25
Isophorone
Concen: 46.128 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

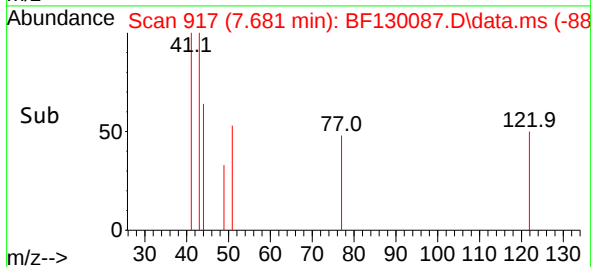
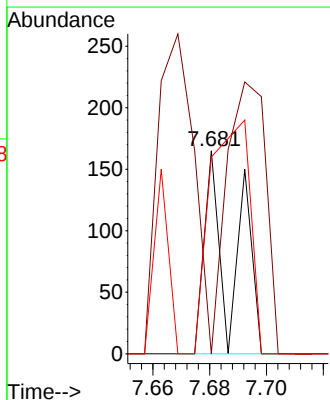
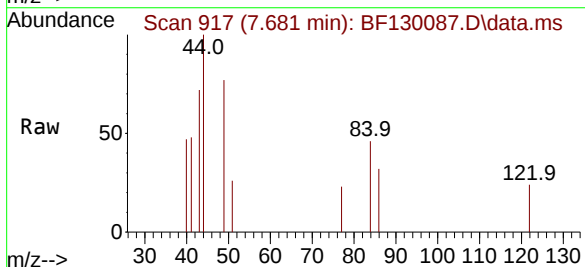
Instrument :
BNA_F
ClientSampleId :
251563-2

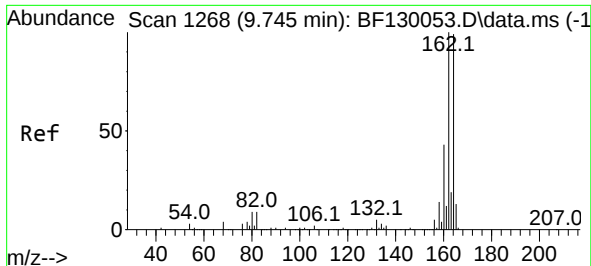
Tgt Ion: 82 Resp: 1309277
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.582 ng
RT: 7.681 min Scan# 917
Delta R.T. -0.106 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion: 122 Resp: 111
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 97.0 65.9 105.9

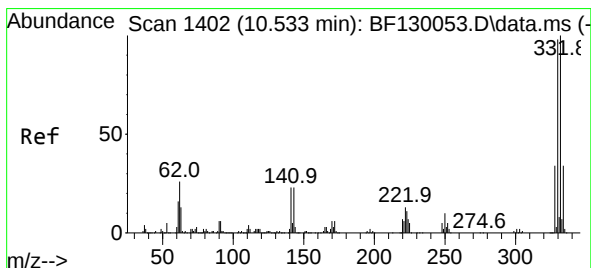
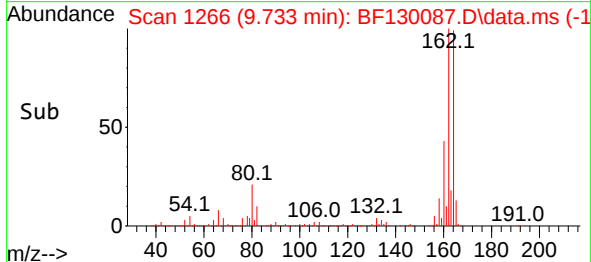
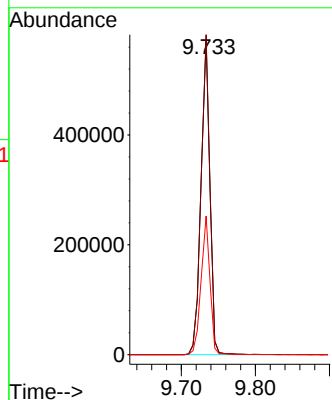
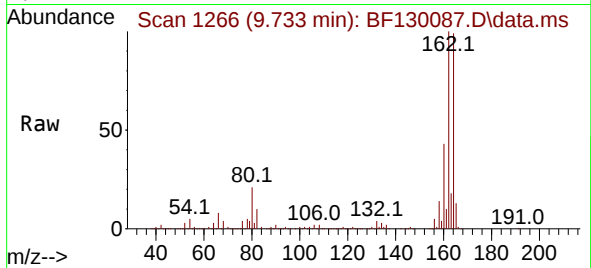




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

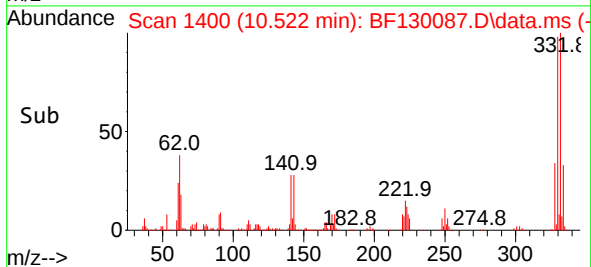
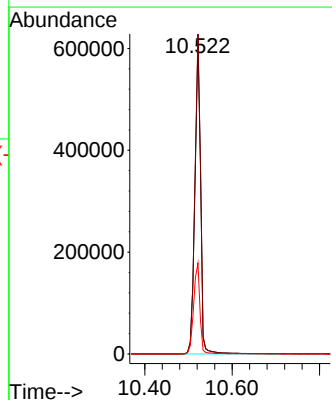
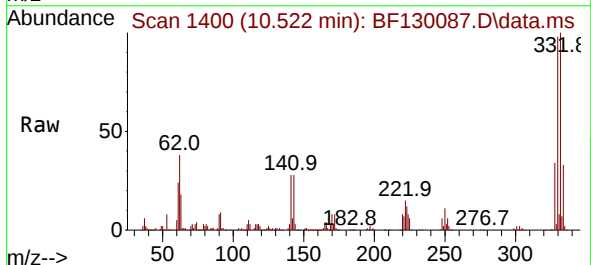
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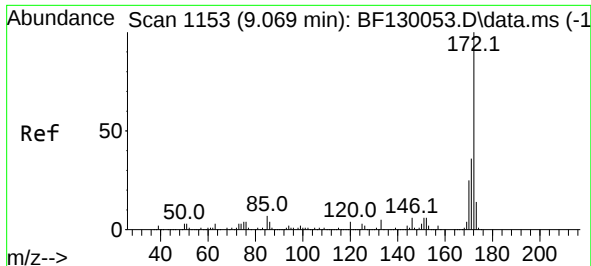
Tgt Ion:164 Resp: 481087
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 128.293 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion:330 Resp: 561825
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 31.8 27.6 41.4

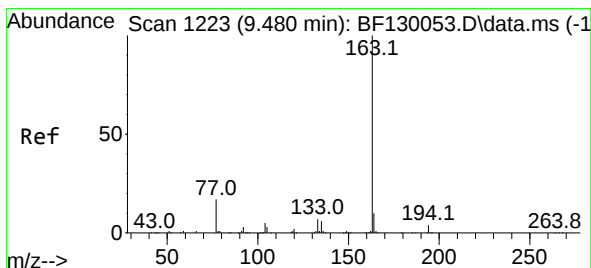
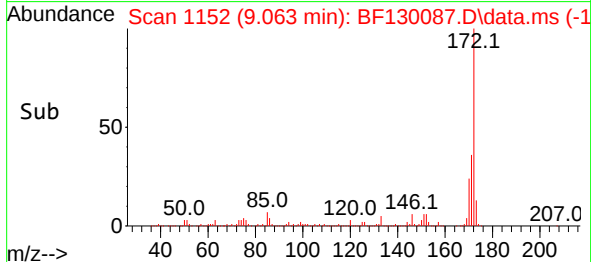
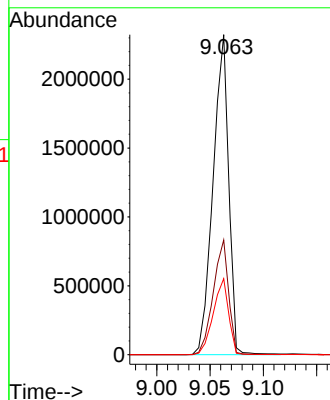
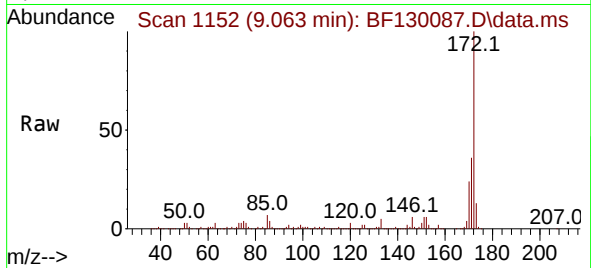




#45
2-Fluorobiphenyl
Concen: 81.480 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

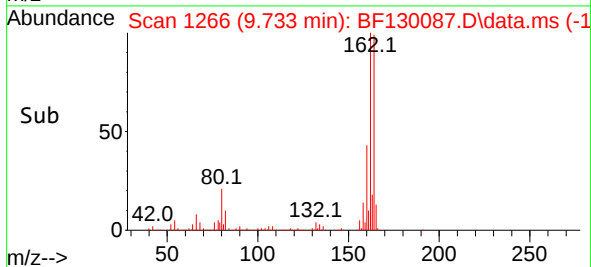
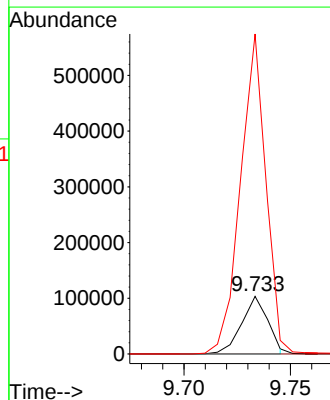
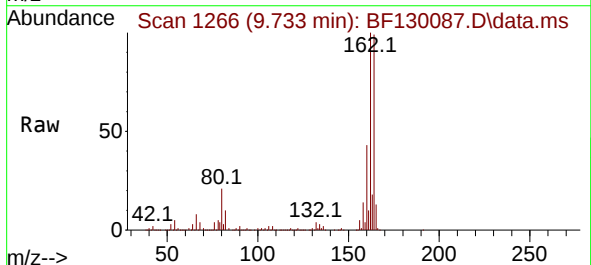
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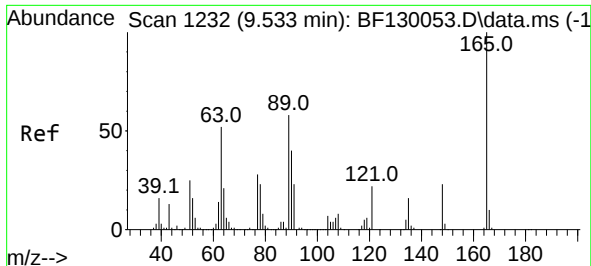
Tgt Ion:172 Resp: 2364296
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.718 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion:163 Resp: 89056
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 555.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.897 ng

RT: 9.733 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

251563-2

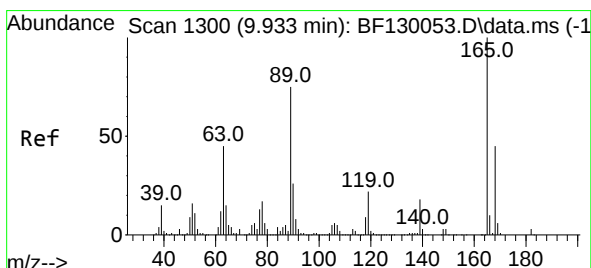
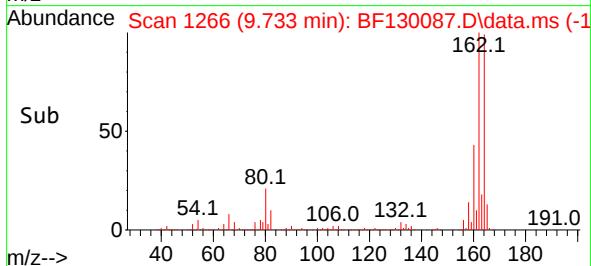
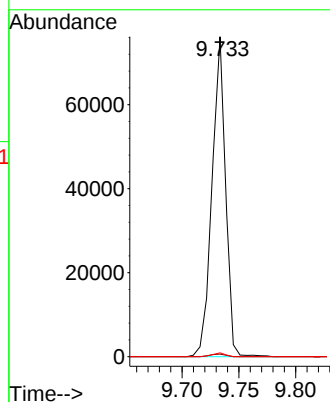
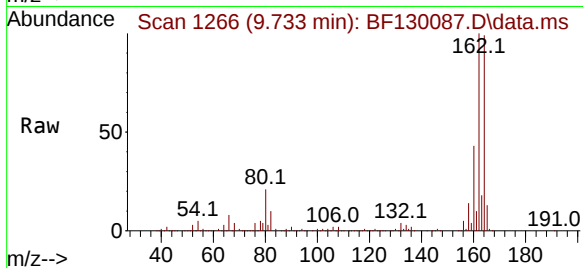
Tgt Ion:165 Resp: 63230

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.596 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Tgt Ion:165 Resp: 63230

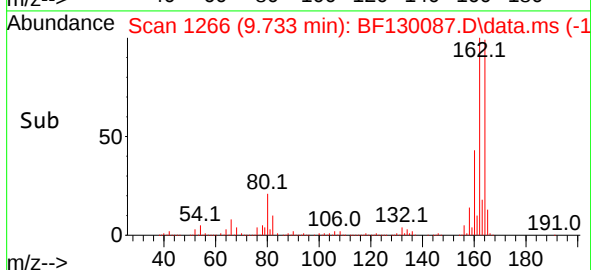
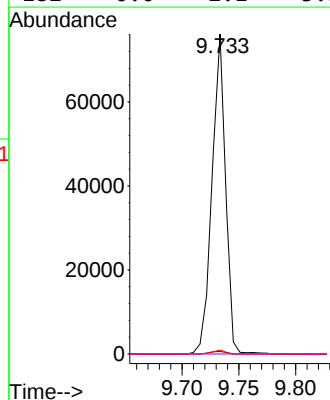
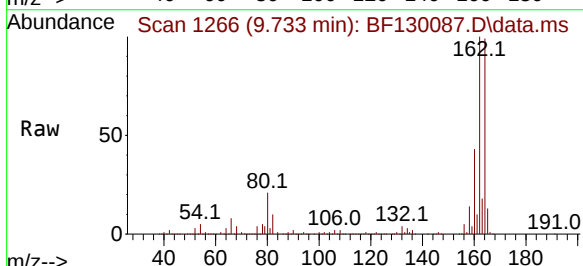
Ion Ratio Lower Upper

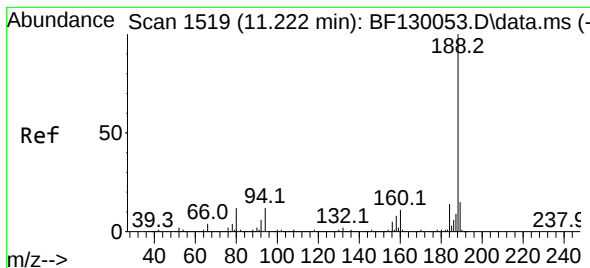
165 100

63 0.8 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: BF130087.D

Acq: 01 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

251563-2

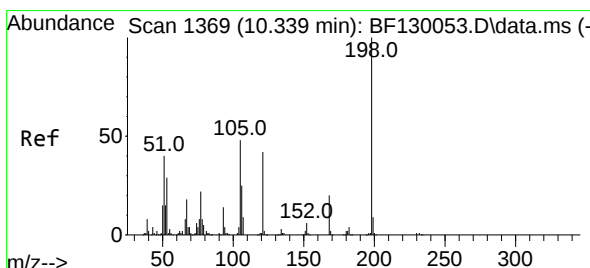
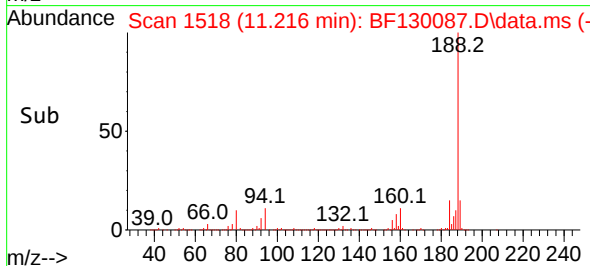
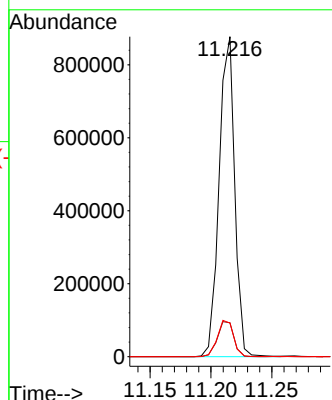
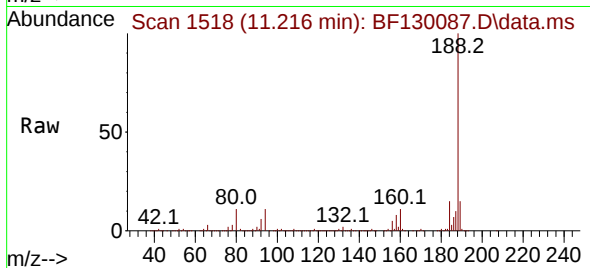
Tgt Ion:188 Resp: 784050

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 10.5 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.386 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

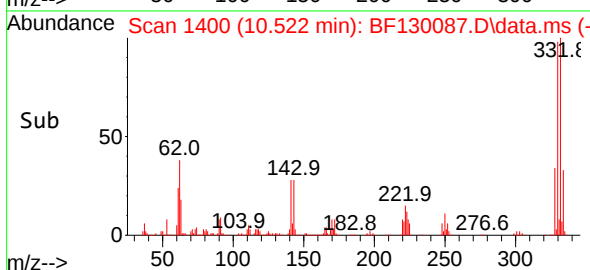
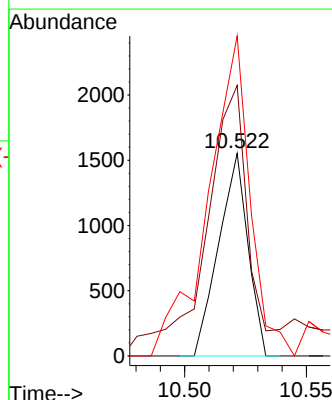
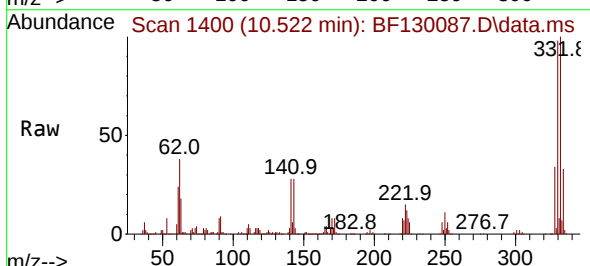
Tgt Ion:198 Resp: 1293

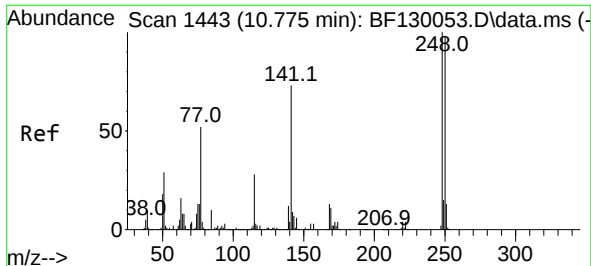
Ion Ratio Lower Upper

198 100

51 133.5 29.4 69.4#

105 158.0 29.2 69.2#

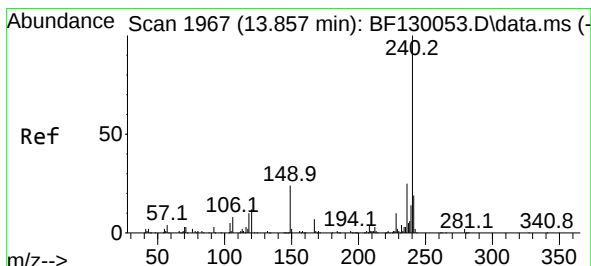
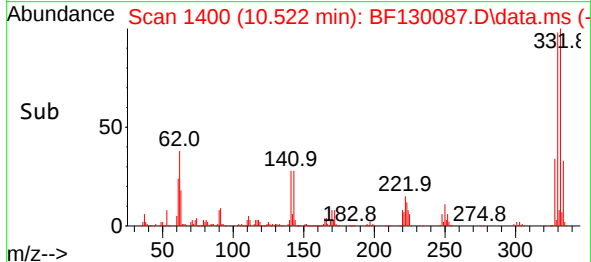
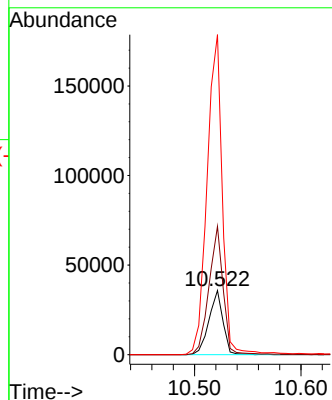
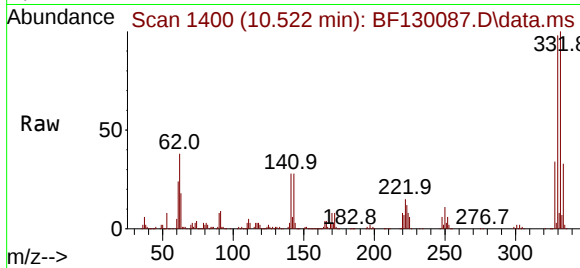




#67
4-Bromophenyl-phenylether
Concen: 3.768 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

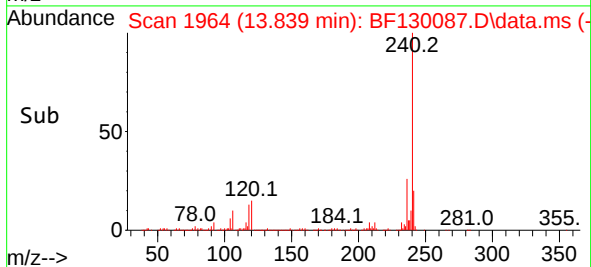
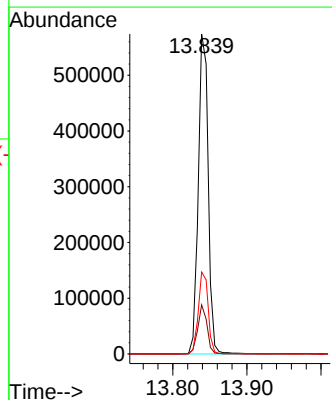
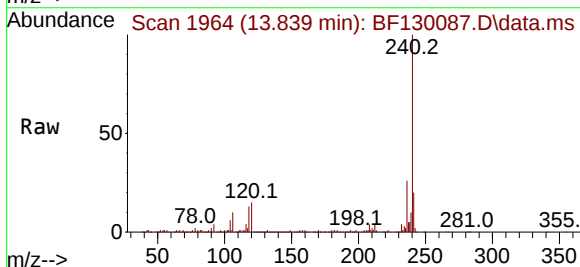
Instrument :
BNA_F
ClientSampleId :
251563-2

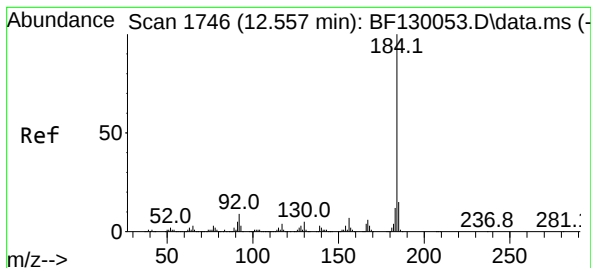
Tgt Ion:248 Resp: 32864
Ion Ratio Lower Upper
248 100
250 200.0 77.8 116.6#
141 498.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion:240 Resp: 532042
Ion Ratio Lower Upper
240 100
120 15.3 9.2 13.8#
236 25.6 20.7 31.1





#77

Benzidine

Concen: 2.323 ng

RT: 12.804 min Scan# 1788

Delta R.T. 0.247 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

251563-2

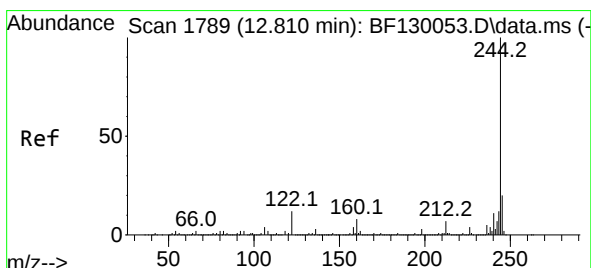
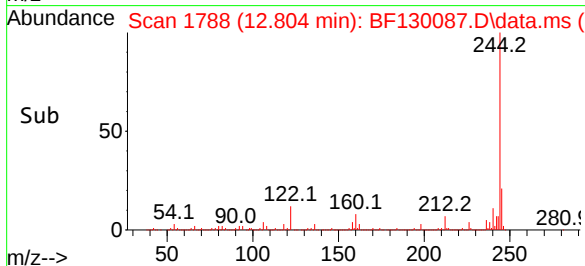
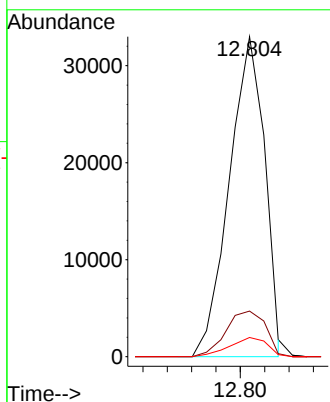
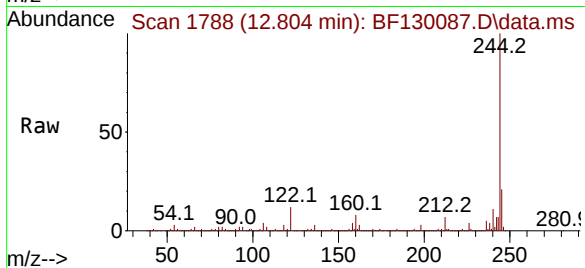
Tgt Ion:184 Resp: 33370

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 6.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 78.100 ng

RT: 12.804 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

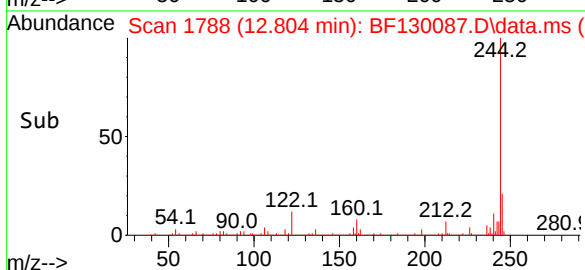
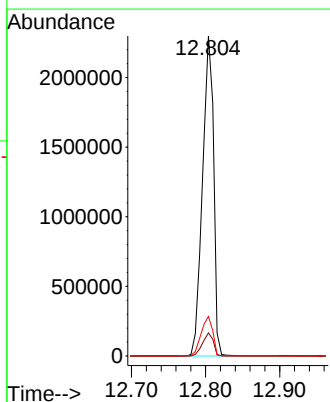
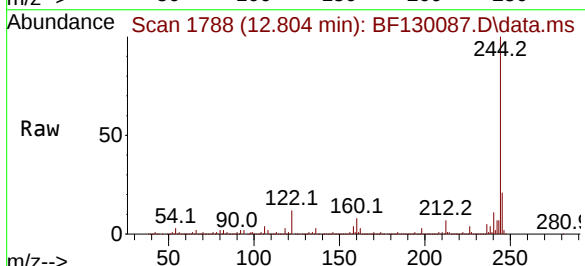
Tgt Ion:244 Resp: 2396154

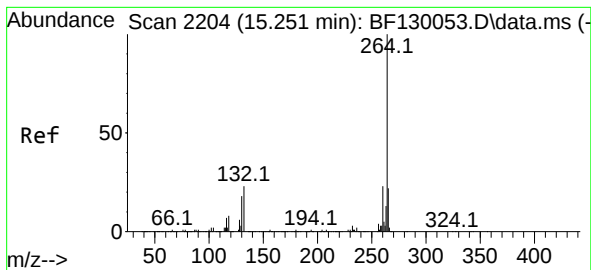
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.3 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: BF130087.D
Acq: 01 Sep 2022 20:20

Instrument :
BNA_F
ClientSampleId :
251563-2

Tgt Ion:264 Resp: 444914

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.2	16.7	25.1

