

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130186.D
 Acq On : 08 Sep 2022 19:21
 Operator : CG\JU
 Sample : N4534-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-B

Quant Time: Sep 09 01:08:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

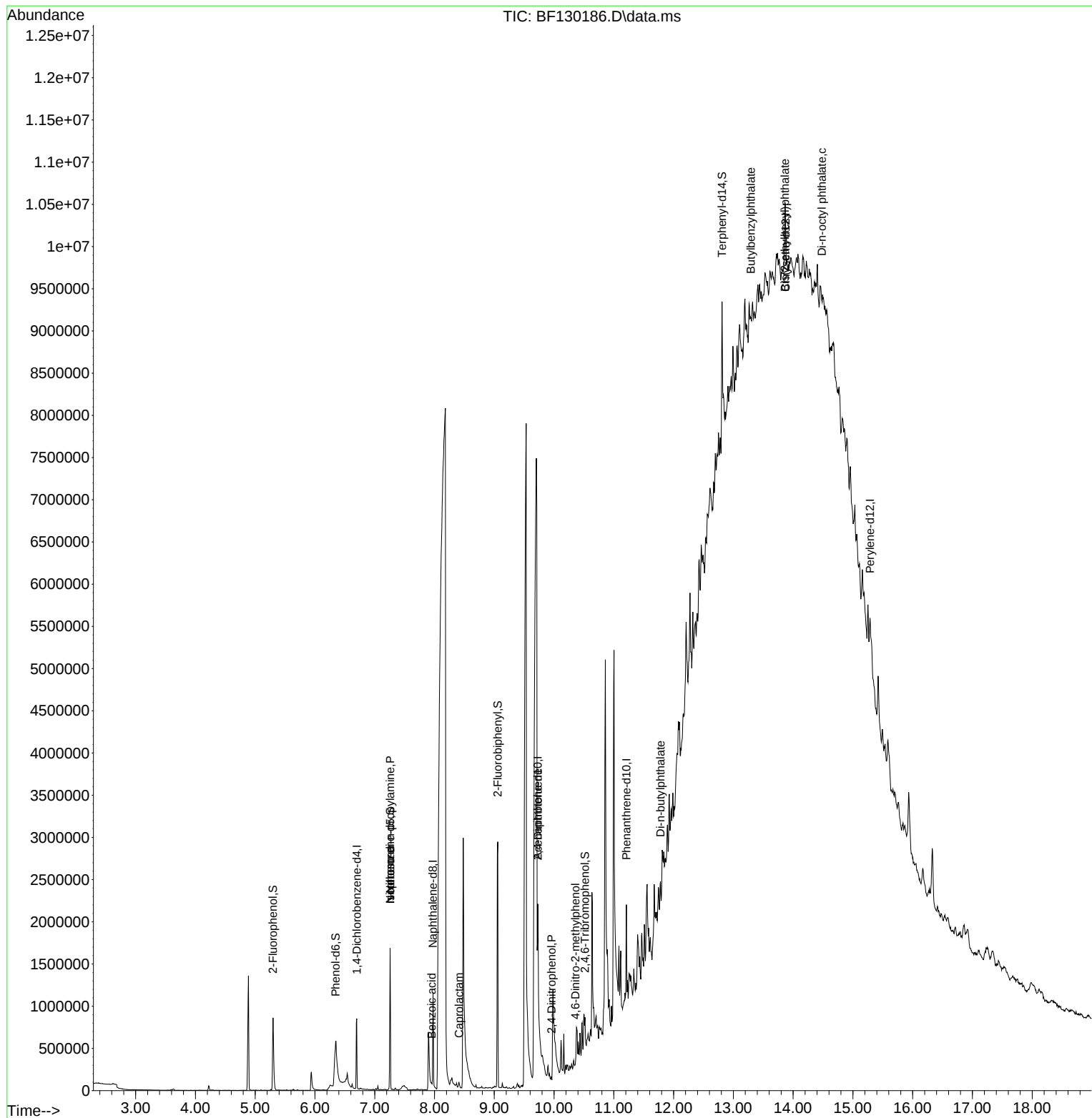
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	124949	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	445237	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	215543	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	384922	20.000	ng	0.00
76) Chrysene-d12	13.874	240	218387	20.000	ng	# 0.03
86) Perylene-d12	15.286	264	260235	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	355290	48.272	ng	0.00
7) Phenol-d6	6.346	99	662512	72.201	ng	0.01
23) Nitrobenzene-d5	7.257	82	472996	68.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	35379	18.032	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	872933	67.146	ng	0.00
79) Terphenyl-d14	12.810	244	887044	70.437	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	60360	10.919	ng	# 73
25) Isophorone	7.257	82	471726	33.641	ng	# 65
32) Benzoic acid	7.951	122	4483	7.378	ng	93
35) Caprolactam	8.410	113	5804	2.976	ng	98
54) 2,4-Dinitrophenol	9.957	184	88	8.153	ng	# 42
57) 2,4-Dinitrotoluene	9.728	165	37254	11.305	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.357	198	74	6.116	ng	# 1
74) Di-n-butylphthalate	11.780	149	77997	3.418	ng	# 94
80) Butylbenzylphthalate	13.292	149	17740	2.277	ng	# 67
84) Bis(2-ethylhexyl)phtha...	13.863	149	646317	66.737	ng	# 95
85) Di-n-octyl phthalate	14.480	149	77660	5.077	ng	# 76

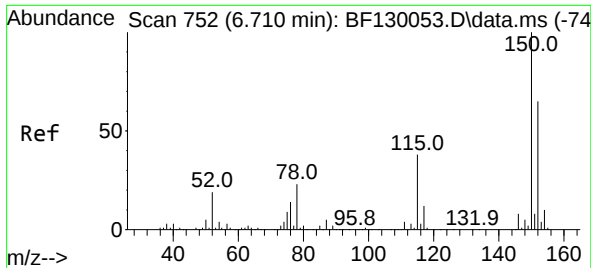
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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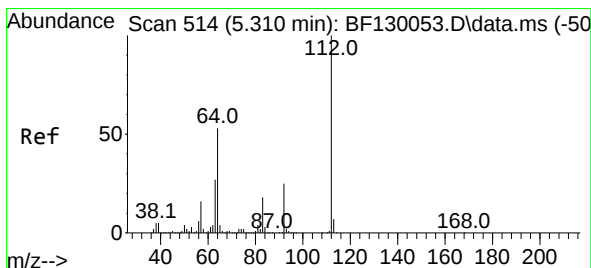
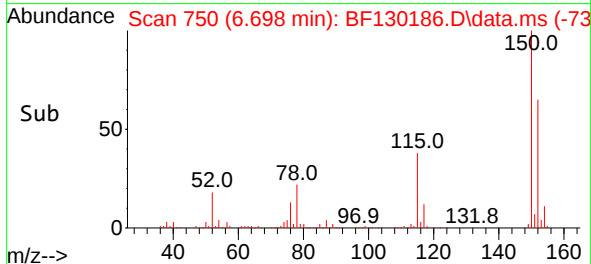
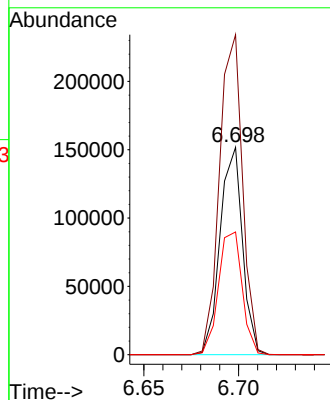
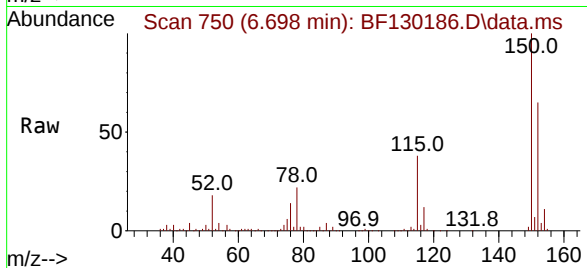




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130186.D
 Acq: 08 Sep 2022 19:21

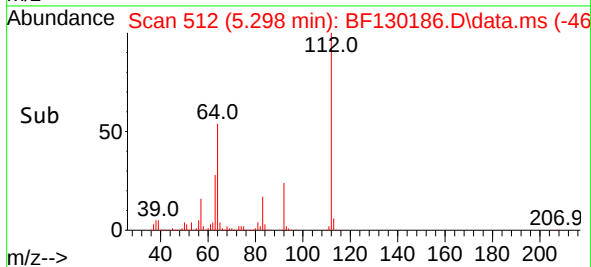
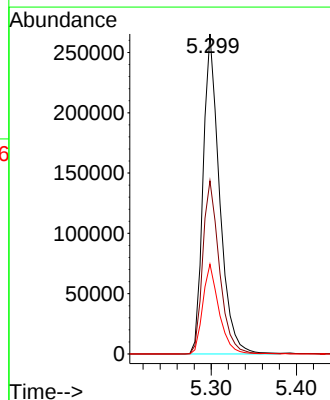
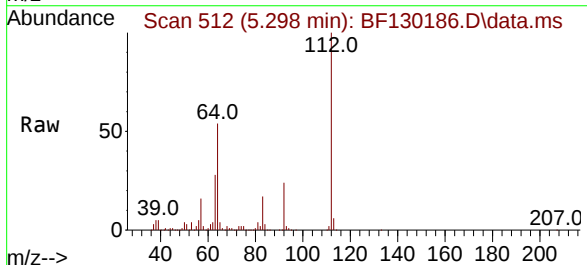
Instrument :
 BNA_F
 ClientSampleId :
 FL-B

Tgt Ion:152 Resp: 124949
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.9 190.3
 115 59.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 48.272 ng
 RT: 5.298 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF130186.D
 Acq: 08 Sep 2022 19:21

Tgt Ion:112 Resp: 355290
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.6 71.4
 63 28.1 24.6 37.0

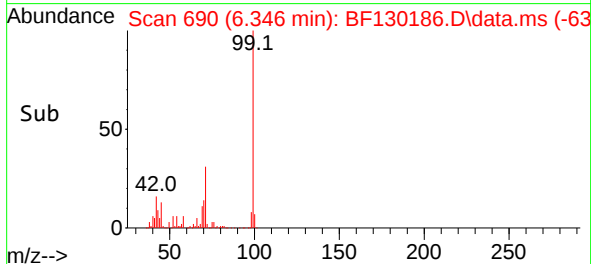
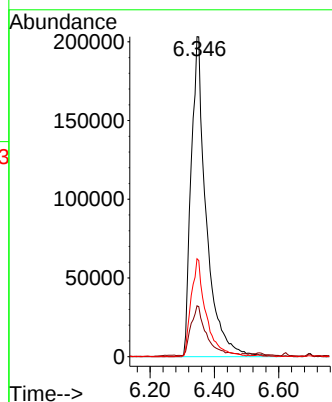
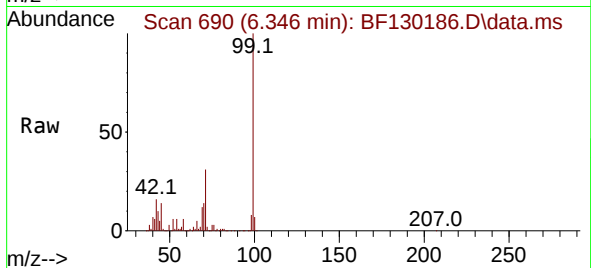




#7
Phenol-d6
Concen: 72.201 ng
RT: 6.346 min Scan# 61
Delta R.T. 0.012 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

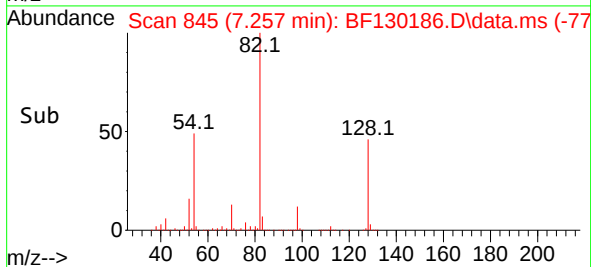
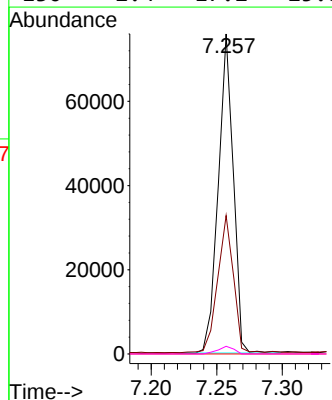
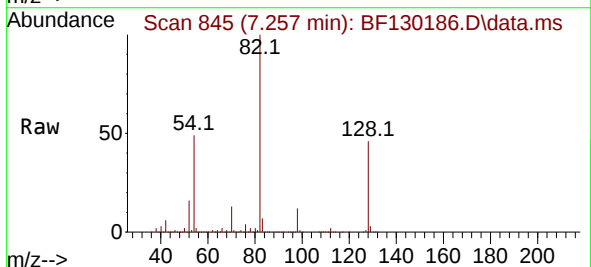
Instrument :
BNA_F
ClientSampleId :
FL-B

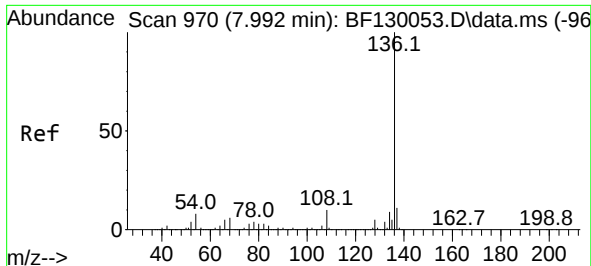
Tgt Ion: 99 Resp: 662512
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 30.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.919 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

Tgt Ion: 70 Resp: 60360
Ion Ratio Lower Upper
70 100
42 43.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

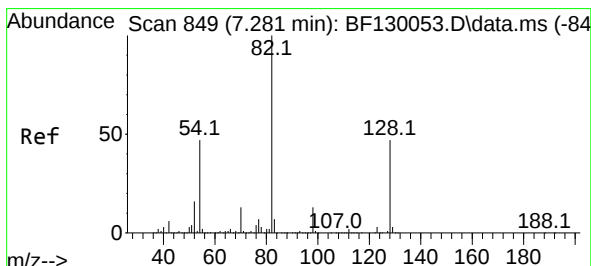
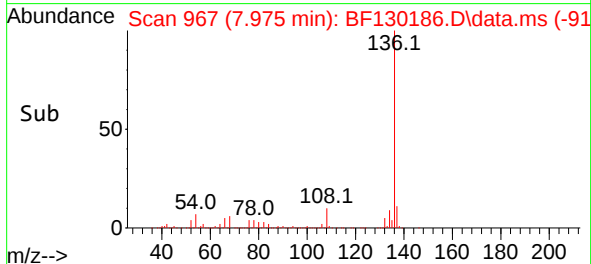
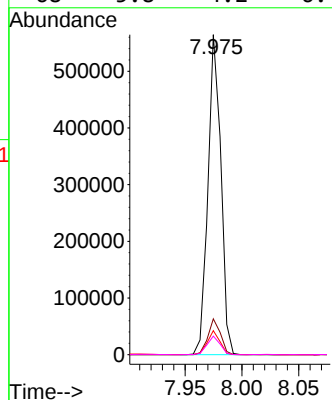
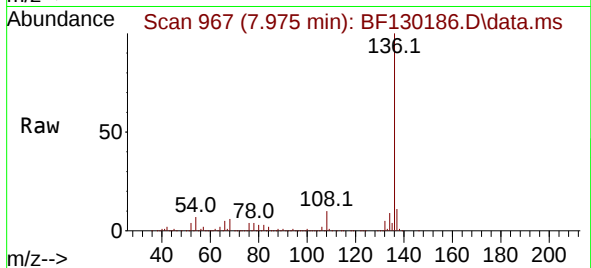




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

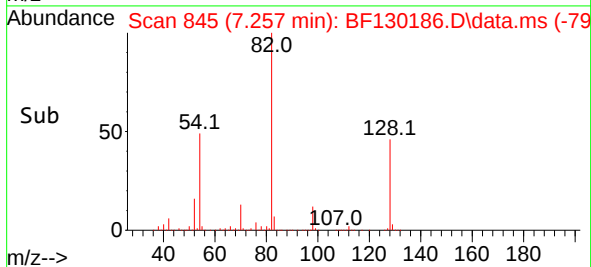
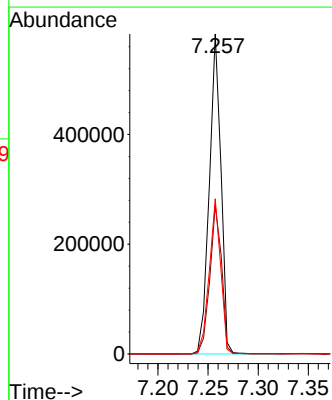
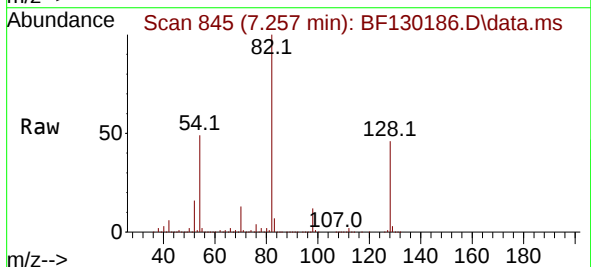
Instrument :
BNA_F
ClientSampleId :
FL-B

Tgt Ion:	136	Resp:	445237
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.5	6.2	9.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 68.273 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

Tgt Ion:	82	Resp:	472996
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	48.5	40.0	60.0

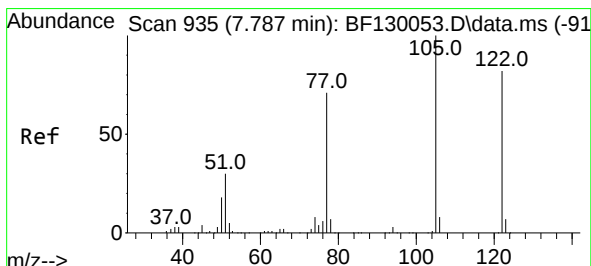
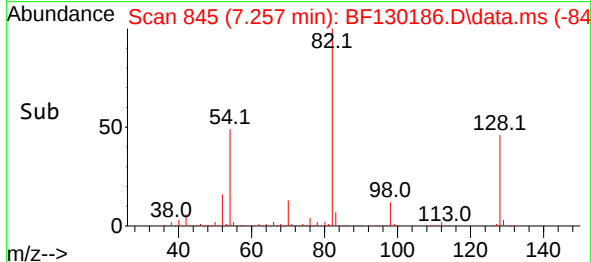
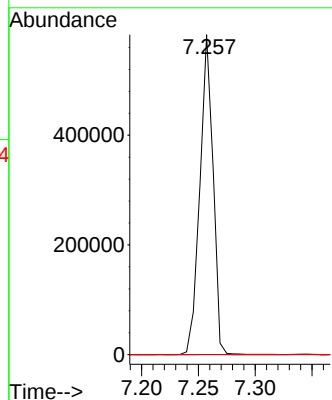
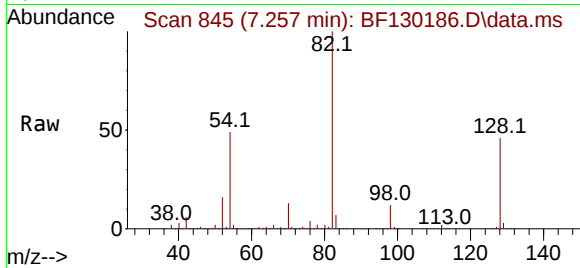




#25
Isophorone
Concen: 33.641 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

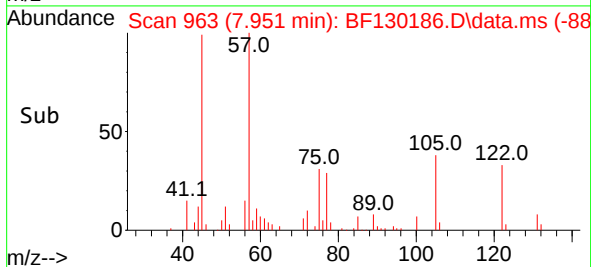
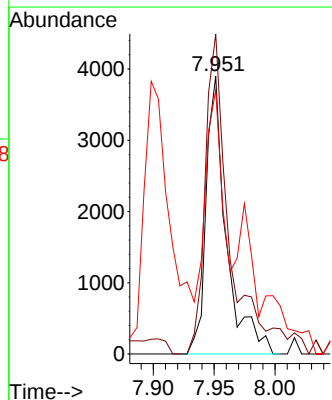
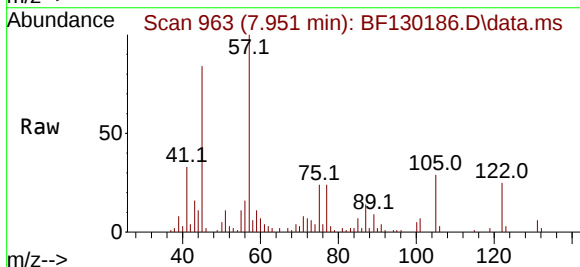
Instrument :
BNA_F
ClientSampleId :
FL-B

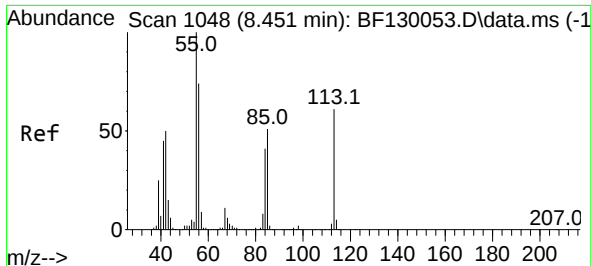
Tgt Ion: 82 Resp: 471726
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 7.378 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.182 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

Tgt Ion:122 Resp: 4483
Ion Ratio Lower Upper
122 100
105 115.2 99.9 139.9
77 95.0 65.9 105.9

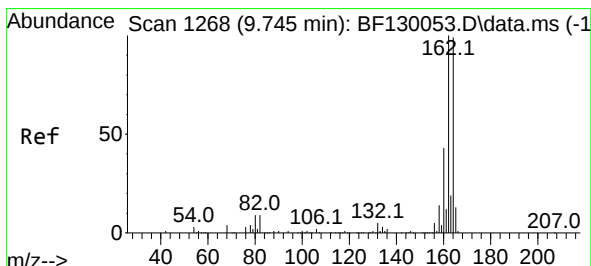
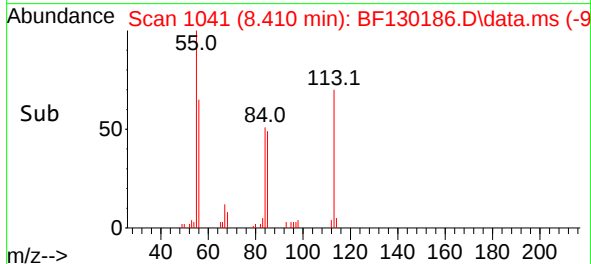
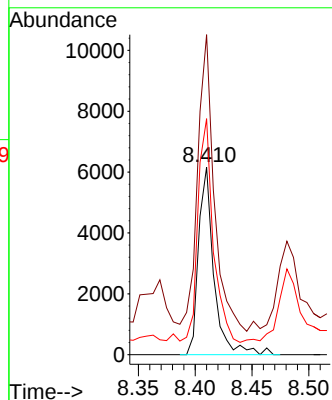
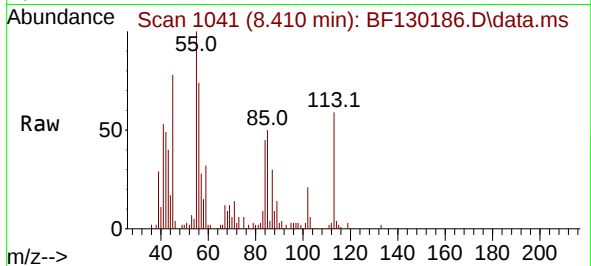




#35
 Caprolactam
 Concen: 2.976 ng
 RT: 8.410 min Scan# 1041
 Delta R.T. -0.029 min
 Lab File: BF130186.D
 Acq: 08 Sep 2022 19:21

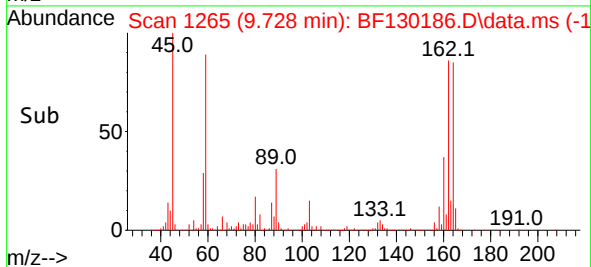
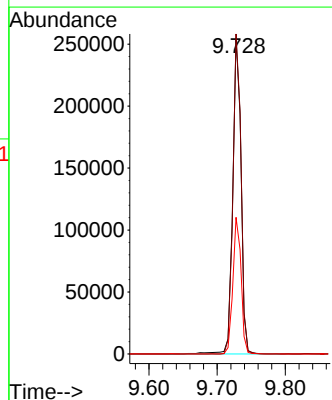
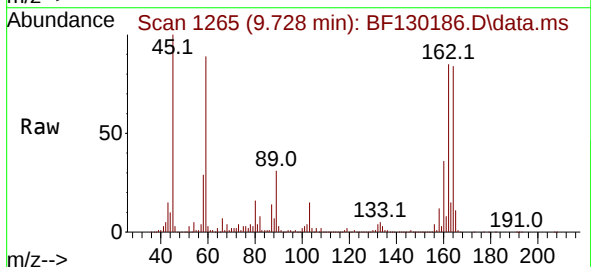
Instrument :
 BNA_F
 ClientSampleId :
 FL-B

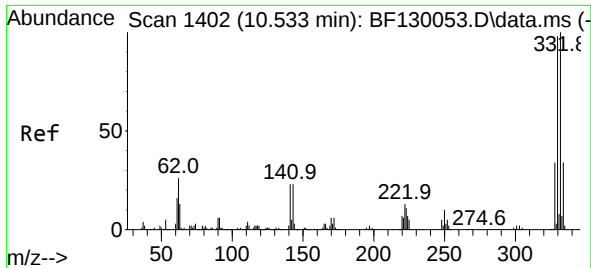
Tgt Ion:	113	Resp:	5804
Ion Ratio	Lower	Upper	
113	100		
55	170.7	148.8	188.8
56	125.9	109.1	149.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.728 min Scan# 1265
 Delta R.T. -0.006 min
 Lab File: BF130186.D
 Acq: 08 Sep 2022 19:21

Tgt Ion:	164	Resp:	215543
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.0	123.0
160	43.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 18.032 ng

RT: 10.516 min Scan# 11399

Delta R.T. -0.006 min

Lab File: BF130186.D

Acq: 08 Sep 2022 19:21

Instrument :

BNA_F

ClientSampleId :

FL-B

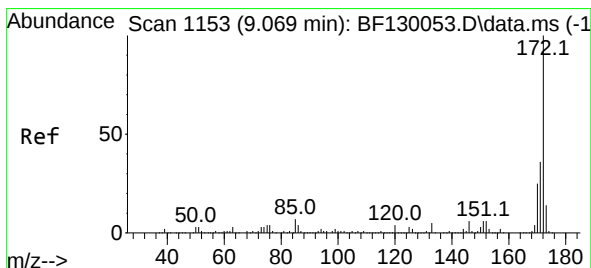
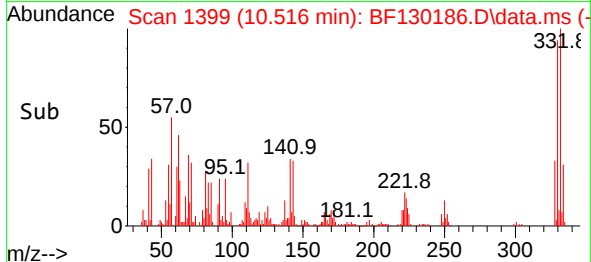
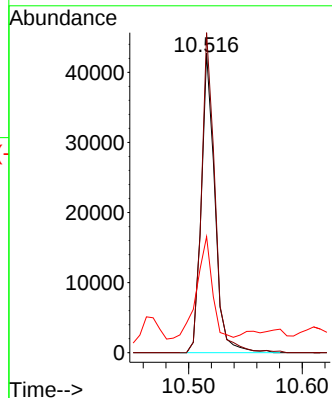
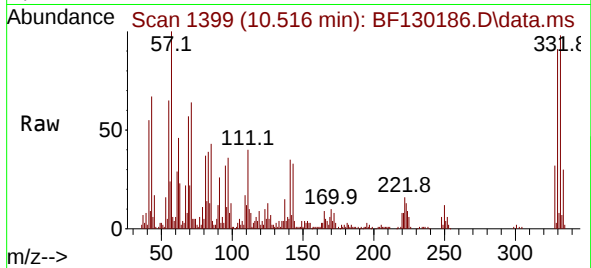
Tgt Ion:330 Resp: 35379

Ion Ratio Lower Upper

330 100

332 105.6 82.6 124.0

141 38.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 67.146 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130186.D

Acq: 08 Sep 2022 19:21

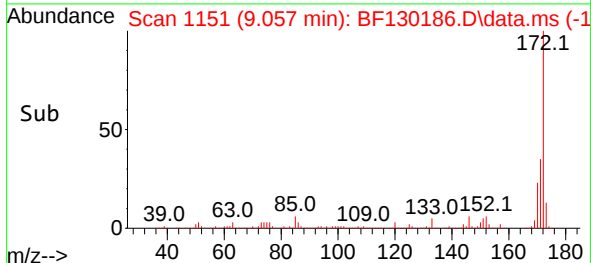
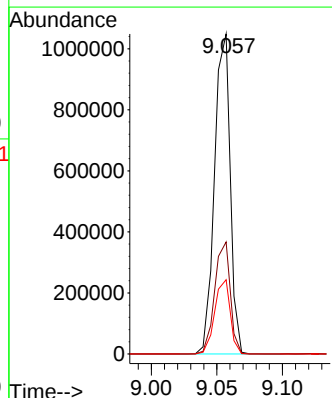
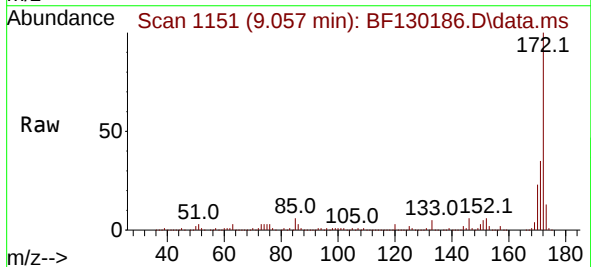
Tgt Ion:172 Resp: 872933

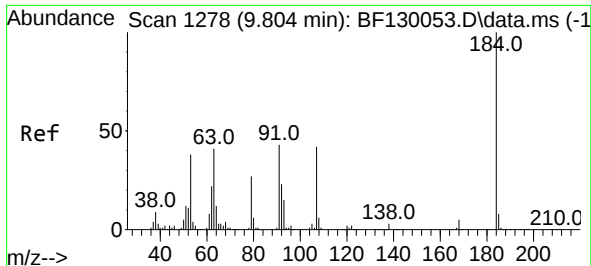
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.1 28.7

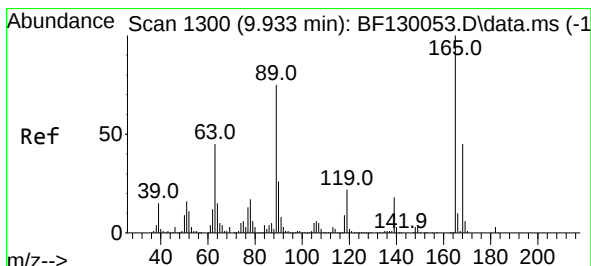
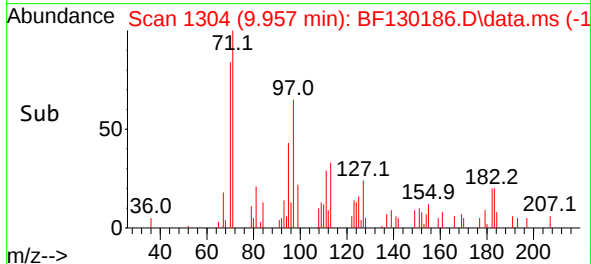
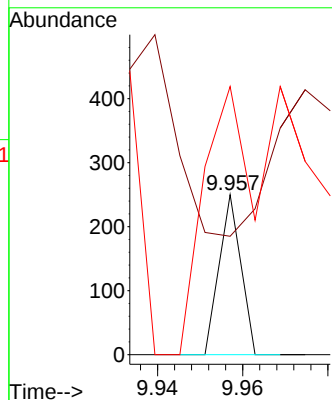
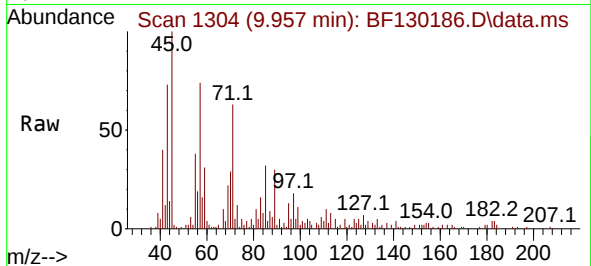




#54
2,4-Dinitrophenol
Concen: 8.153 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.165 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

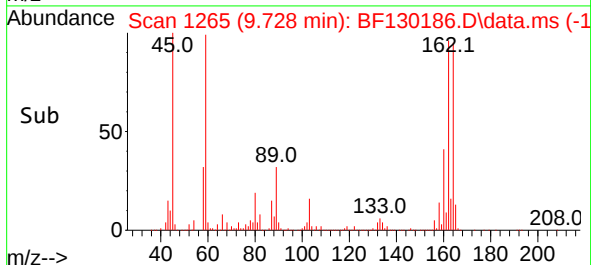
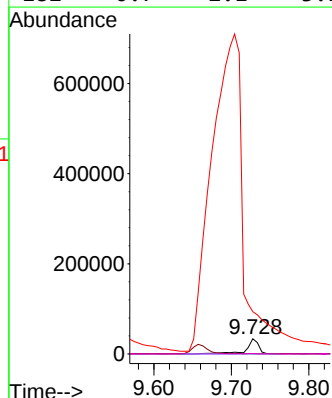
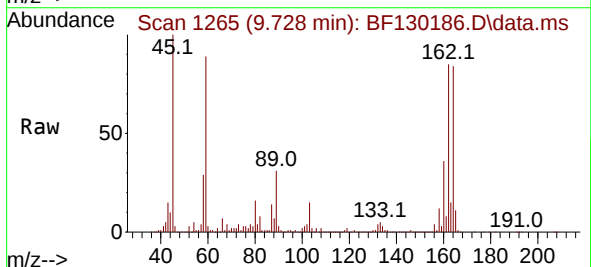
Instrument :
BNA_F
ClientSampleId :
FL-B

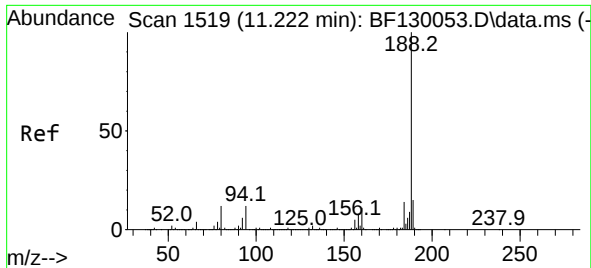
Tgt Ion:184 Resp: 88
Ion Ratio Lower Upper
184 100
63 74.0 59.6 89.4
154 167.6 55.3 82.9#



#57
2,4-Dinitrotoluene
Concen: 11.305 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.194 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

Tgt Ion:165 Resp: 37254
Ion Ratio Lower Upper
165 100
63 2.1 48.4 72.6#
89 276.7 62.3 93.5#
182 0.7 2.1 3.1#

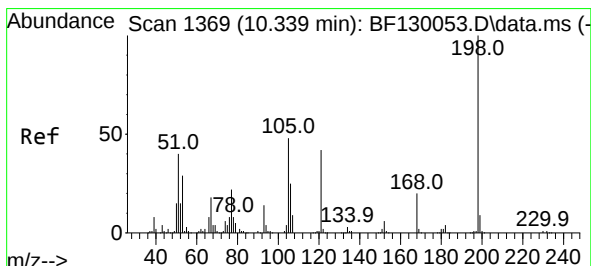
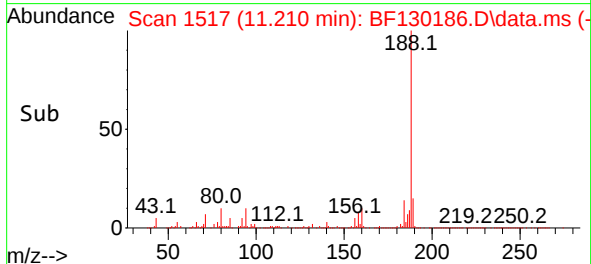
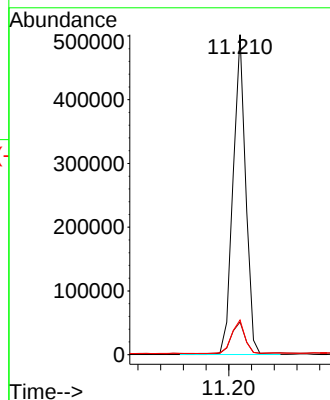
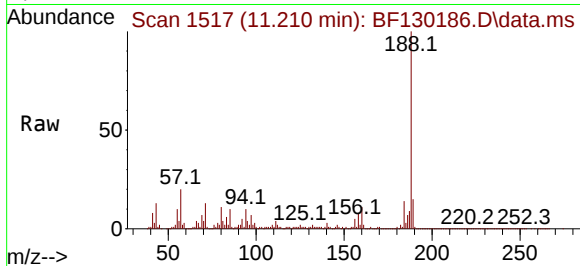




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

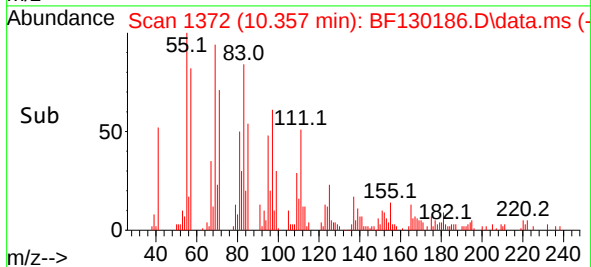
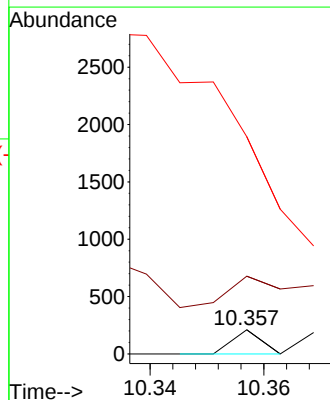
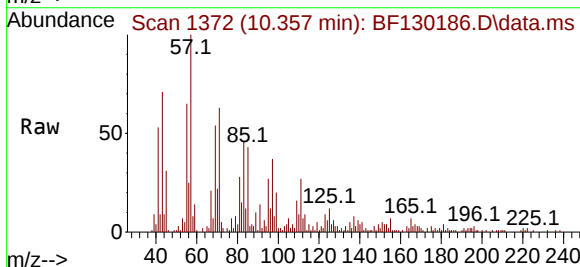
Instrument :
BNA_F
ClientSampleId :
FL-B

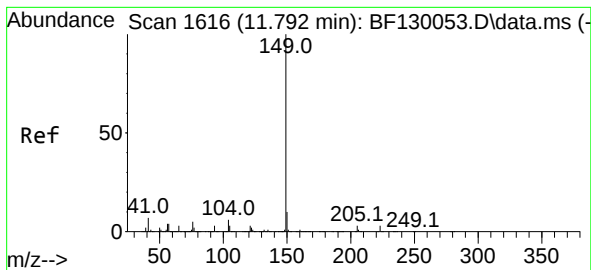
Tgt Ion:188 Resp: 384922
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.9 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.116 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.029 min
Lab File: BF130186.D
Acq: 08 Sep 2022 19:21

Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 322.9 29.4 69.4#
105 901.9 29.2 69.2#





#74

Di-n-butylphthalate

Concen: 3.418 ng

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130186.D

Acq: 08 Sep 2022 19:21

Instrument :

BNA_F

ClientSampleId :

FL-B

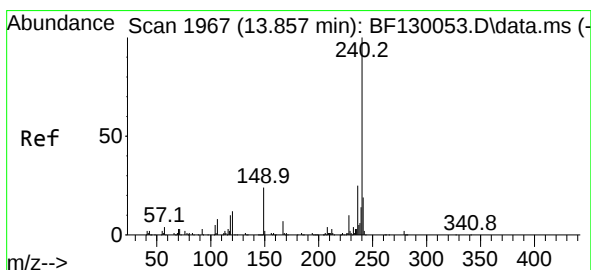
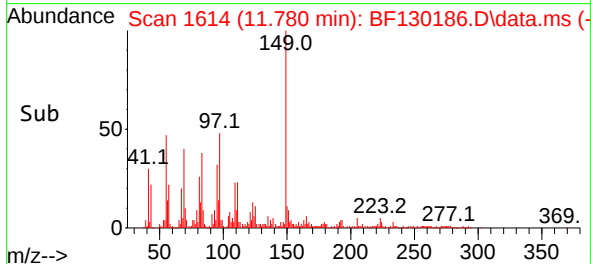
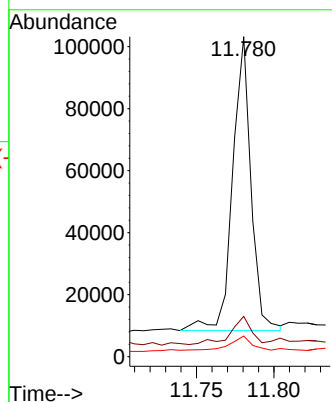
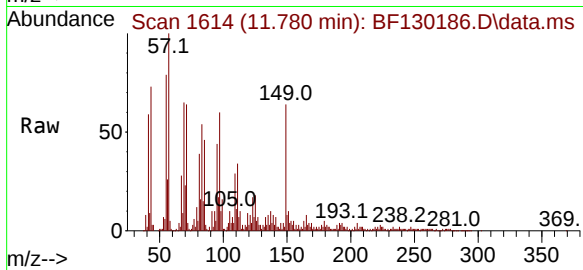
Tgt Ion:149 Resp: 77997

Ion Ratio Lower Upper

149 100

150 12.6 7.8 11.6#

104 6.4 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 1970

Delta R.T. 0.029 min

Lab File: BF130186.D

Acq: 08 Sep 2022 19:21

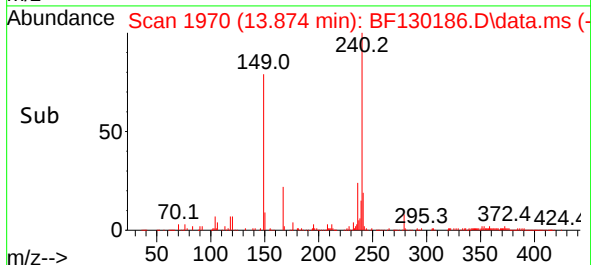
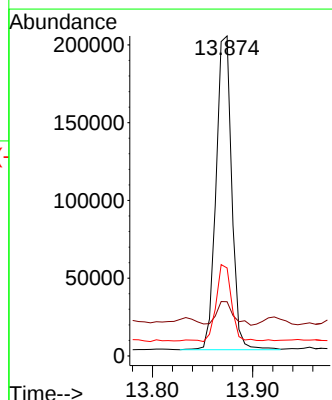
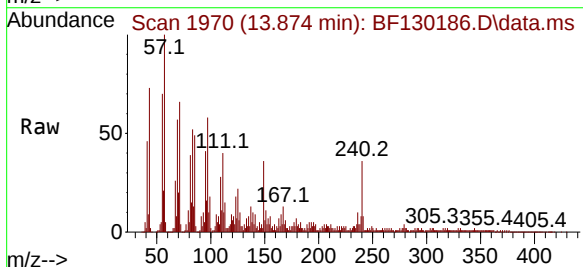
Tgt Ion:240 Resp: 218387

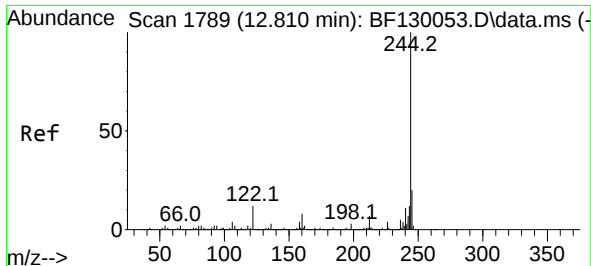
Ion Ratio Lower Upper

240 100

120 17.0 9.2 13.8#

236 27.5 20.7 31.1

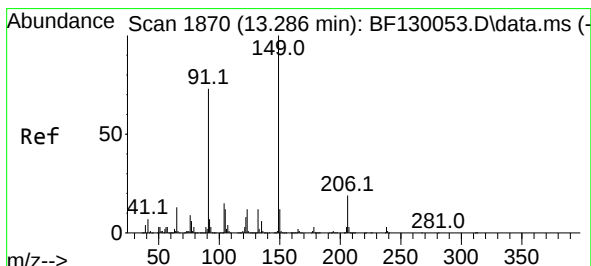
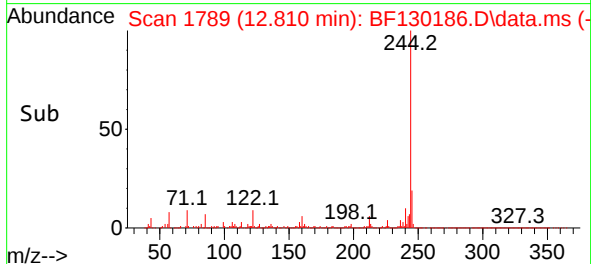
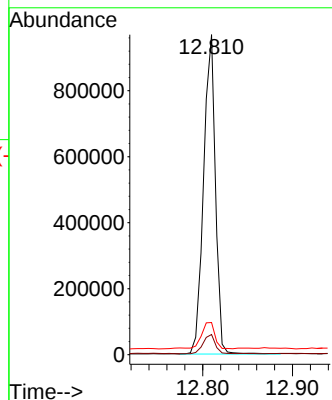
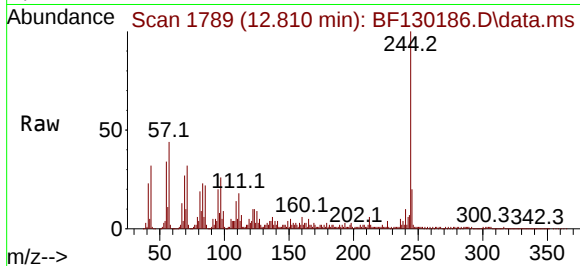




#79
 Terphenyl-d14
 Concen: 70.437 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF130186.D
 Acq: 08 Sep 2022 19:21

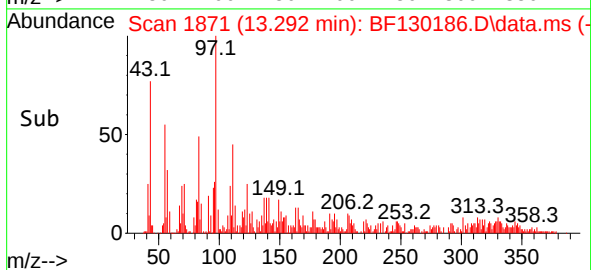
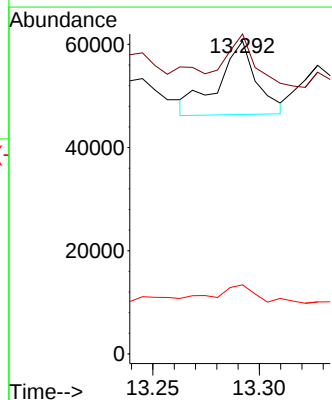
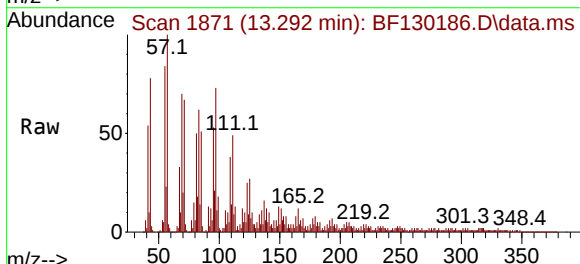
Instrument :
 BNA_F
 ClientSampleId :
 FL-B

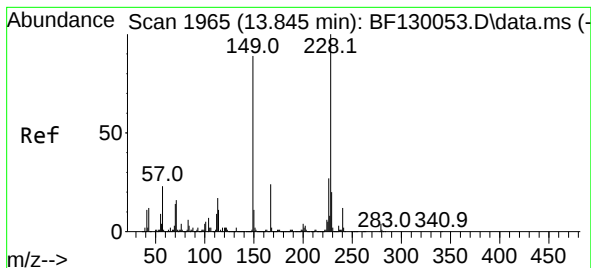
Tgt Ion:244 Resp: 887044
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 10.1 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 2.277 ng
 RT: 13.292 min Scan# 1871
 Delta R.T. 0.018 min
 Lab File: BF130186.D
 Acq: 08 Sep 2022 19:21

Tgt Ion:149 Resp: 17740
 Ion Ratio Lower Upper
 149 100
 91 102.3 55.4 83.0#
 206 22.1 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 66.737 ng

RT: 13.863 min Scan# 1968

Delta R.T. 0.029 min

Lab File: BF130186.D

Acq: 08 Sep 2022 19:21

Instrument :

BNA_F

ClientSampleId :

FL-B

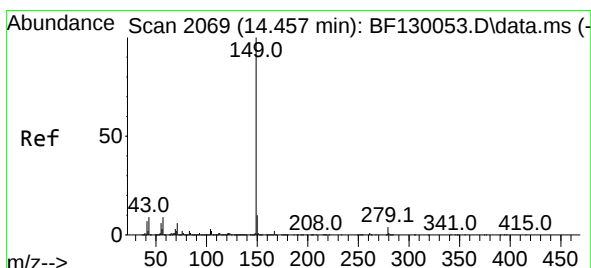
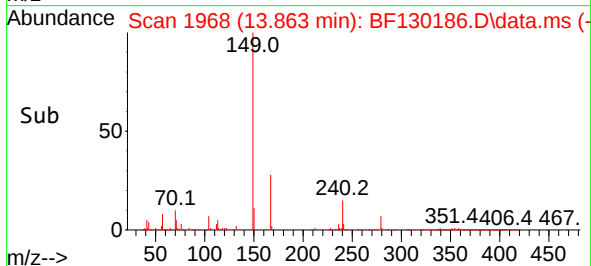
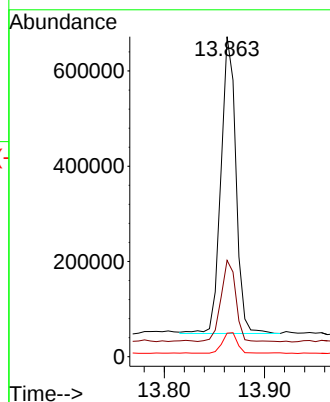
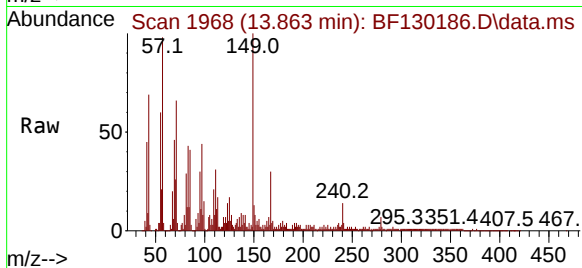
Tgt Ion:149 Resp: 646317

Ion Ratio Lower Upper

149 100

167 30.1 22.0 33.0

279 7.4 3.6 5.4#



#85

Di-n-octyl phthalate

Concen: 5.077 ng

RT: 14.480 min Scan# 2073

Delta R.T. 0.035 min

Lab File: BF130186.D

Acq: 08 Sep 2022 19:21

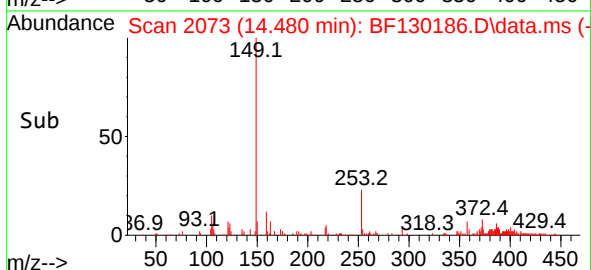
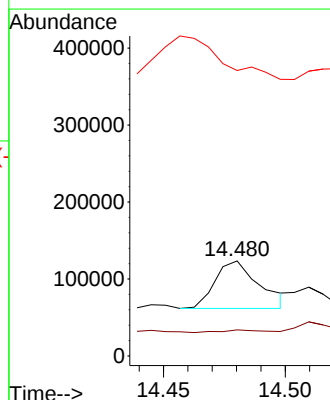
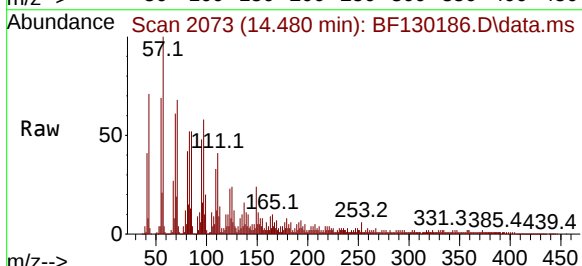
Tgt Ion:149 Resp: 77660

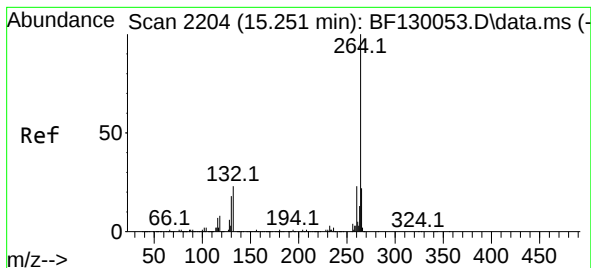
Ion Ratio Lower Upper

149 100

167 5.3 1.3 1.9#

43 0.0 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.286 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF130186.D

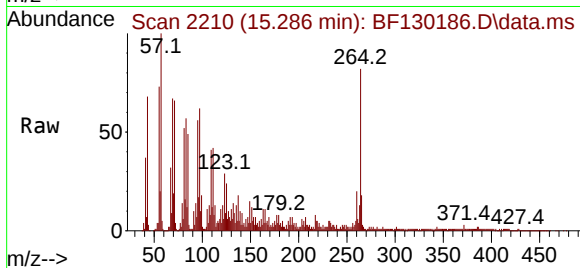
Acq: 08 Sep 2022 19:21

Instrument :

BNA_F

ClientSampleId :

FL-B



Tgt Ion:264 Resp: 260235

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.2 16.7 25.1

