

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130185.D
 Acq On : 08 Sep 2022 18:48
 Operator : CG\JU
 Sample : N4534-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-C

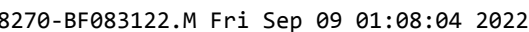
Quant Time: Sep 09 01:07:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

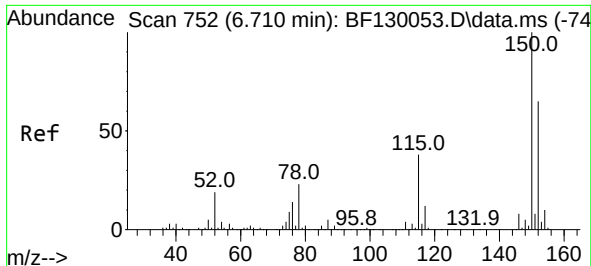
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	128520	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	431529	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	195890	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	357634	20.000	ng	0.00
76) Chrysene-d12	13.857	240	259516	20.000	ng	# 0.01
86) Perylene-d12	15.274	264	319025	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	332266	43.890	ng	-0.01
7) Phenol-d6	6.322	99	671668	71.165	ng	-0.01
23) Nitrobenzene-d5	7.257	82	502711	74.867	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	28880	16.196	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	869968	73.632	ng	0.00
79) Terphenyl-d14	12.804	244	923288	61.695	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	64616	11.364	ng	# 75
25) Isophorone	7.257	82	500886	36.855	ng	# 65
32) Benzoic acid	7.716	122	74	6.586	ng	# 32
36) 4-Chloro-3-methylphenol	8.545	107	27210	4.408	ng	# 21
50) Dimethylphthalate	9.722	163	42630	3.195	ng	# 1
57) 2,4-Dinitrotoluene	9.722	165	25787	8.610	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.586	198	157	6.162	ng	# 1
74) Di-n-butylphthalate	11.775	149	43134	2.035	ng	98
84) Bis(2-ethylhexyl)phtha...	13.857	149	782131	67.962	ng	# 94
85) Di-n-octyl phthalate	14.468	149	78527	4.320	ng	# 73

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

Quant Time: Sep 09 01:07:50 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

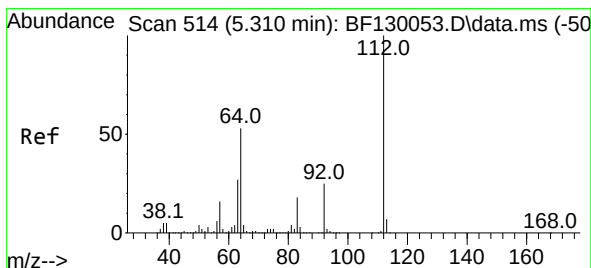
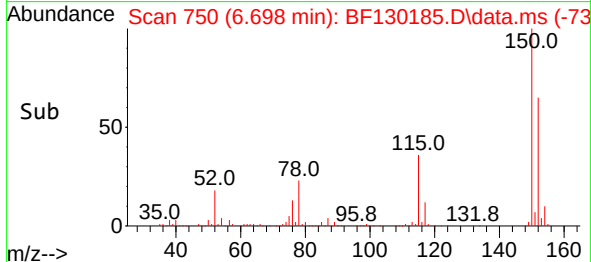
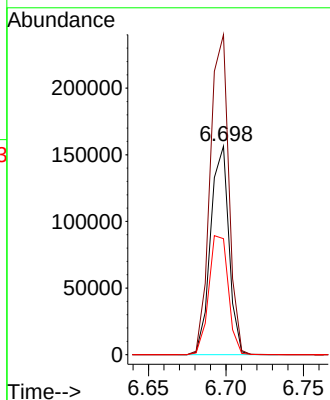
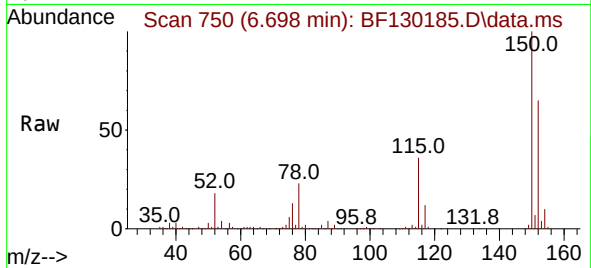




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

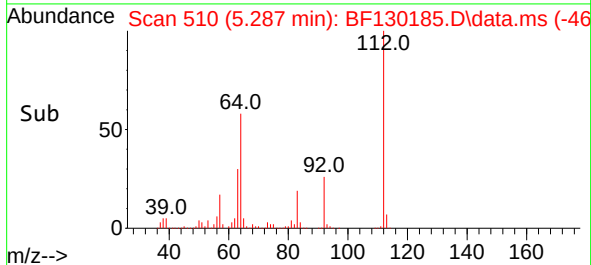
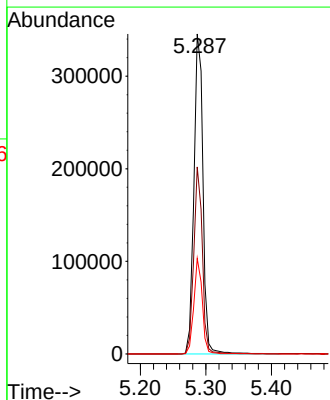
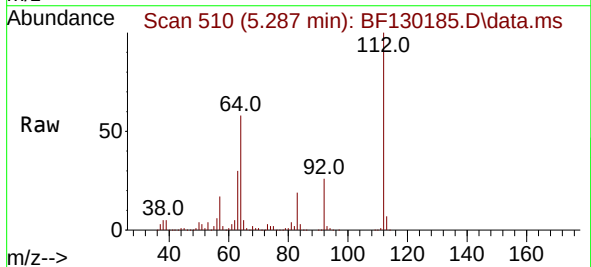
Instrument :
BNA_F
ClientSampleId :
FL-C

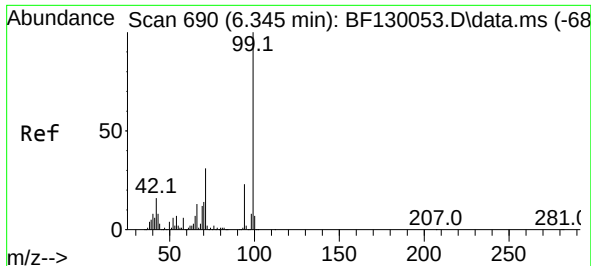
Tgt Ion:152 Resp: 128520
Ion Ratio Lower Upper
152 100
150 153.5 126.9 190.3
115 55.7 53.4 80.0



#5
2-Fluorophenol
Concen: 43.890 ng
RT: 5.287 min Scan# 510
Delta R.T. -0.012 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion:112 Resp: 332266
Ion Ratio Lower Upper
112 100
64 58.5 47.6 71.4
63 29.8 24.6 37.0

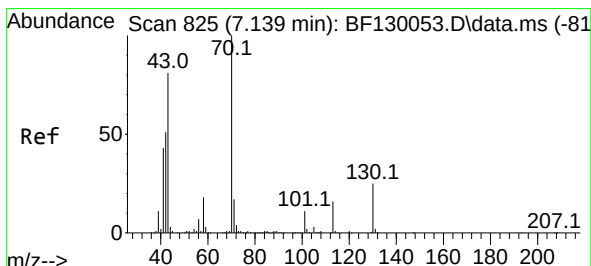
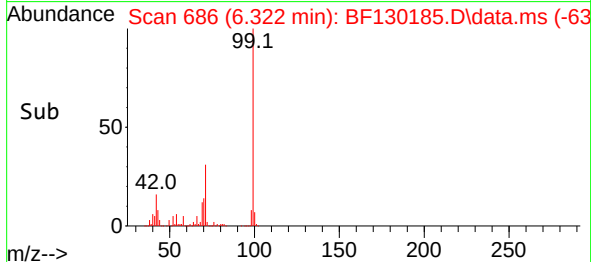
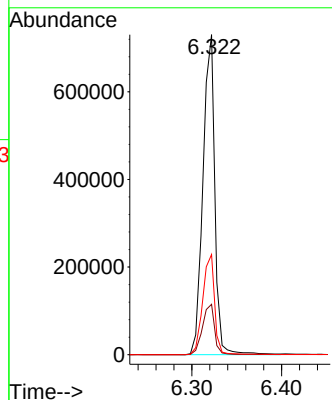
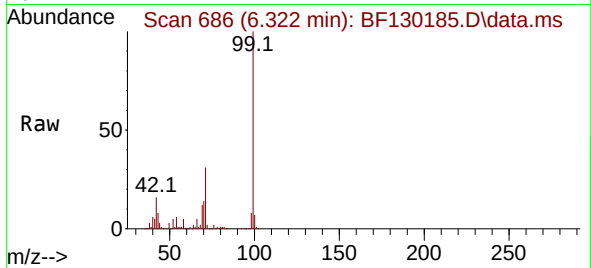




#7
Phenol-d6
Concen: 71.165 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

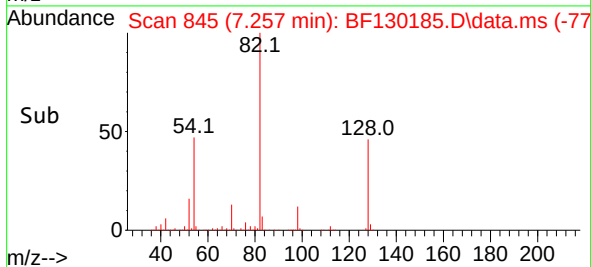
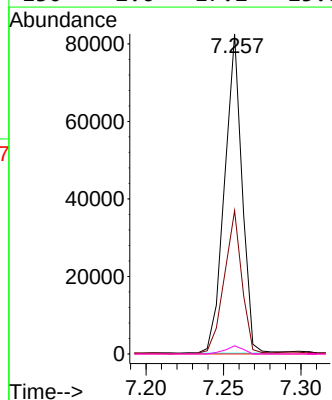
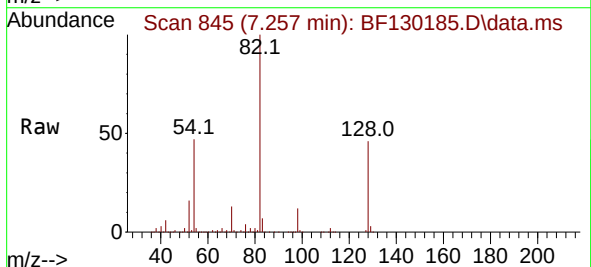
Instrument :
BNA_F
ClientSampleId :
FL-C

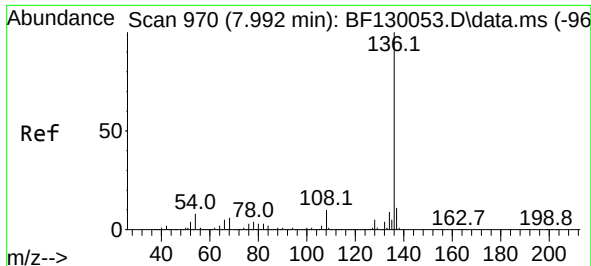
Tgt Ion: 99 Resp: 671668
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 31.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.364 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion: 70 Resp: 64616
Ion Ratio Lower Upper
70 100
42 44.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.6 17.2 25.8#

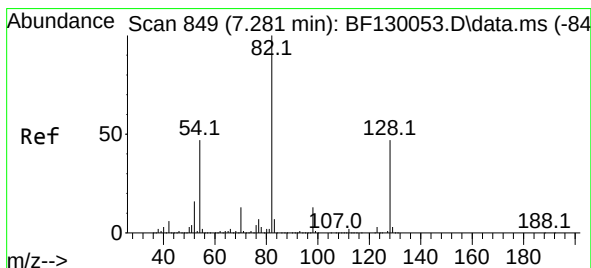
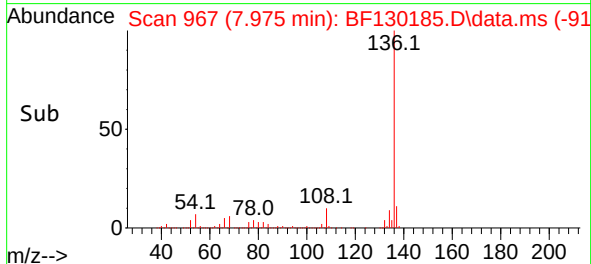
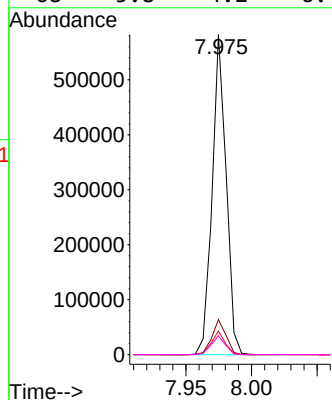
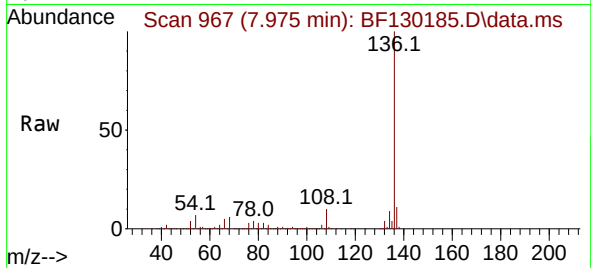




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

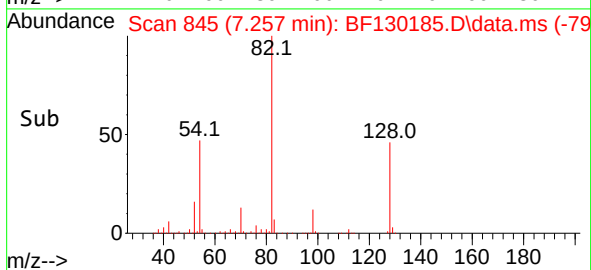
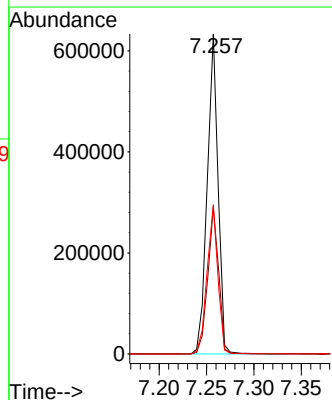
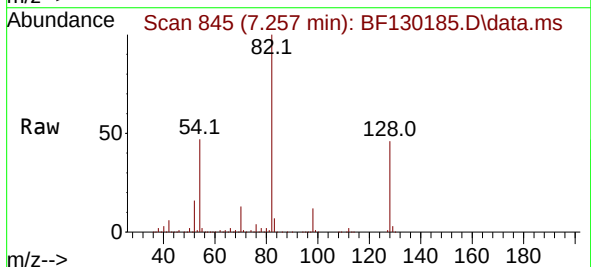
Instrument :
BNA_F
ClientSampleId :
FL-C

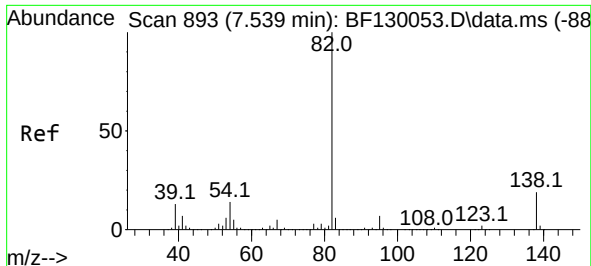
Tgt	Ion:136	Resp:	431529
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.4	6.2	9.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 74.867 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion: 82	Resp: 502711
Ion Ratio	Lower Upper
82 100	
128 45.9	36.1 54.1
54 46.6	40.0 60.0

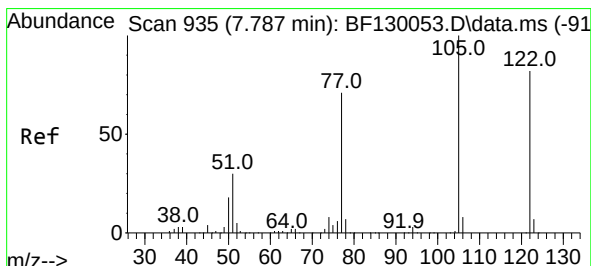
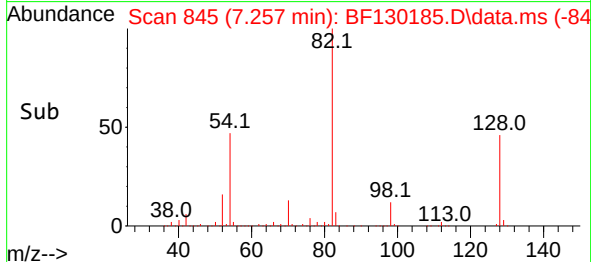
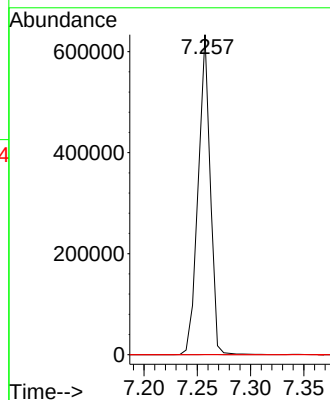
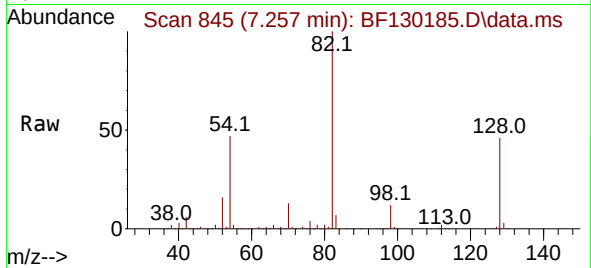




#25
Isophorone
Concen: 36.855 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

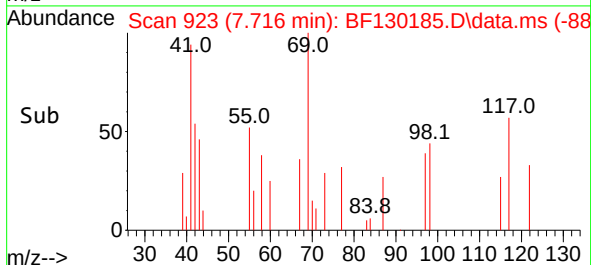
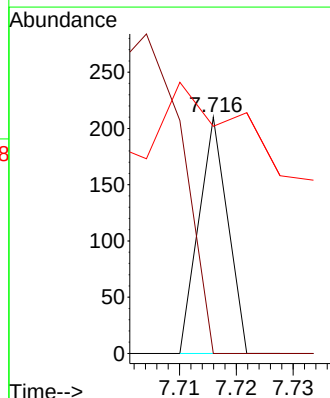
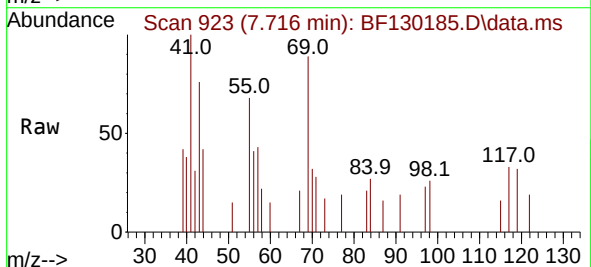
Instrument :
BNA_F
ClientSampleId :
FL-C

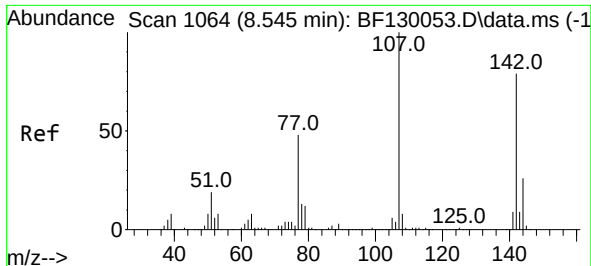
Tgt Ion: 82 Resp: 500886
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.586 ng
RT: 7.716 min Scan# 923
Delta R.T. -0.053 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion: 122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 96.2 65.9 105.9





#36

4-Chloro-3-methylphenol

Concen: 4.408 ng

RT: 8.545 min Scan# 1064

Delta R.T. 0.012 min

Lab File: BF130185.D

Acq: 08 Sep 2022 18:48

Instrument :

BNA_F

ClientSampleId :

FL-C

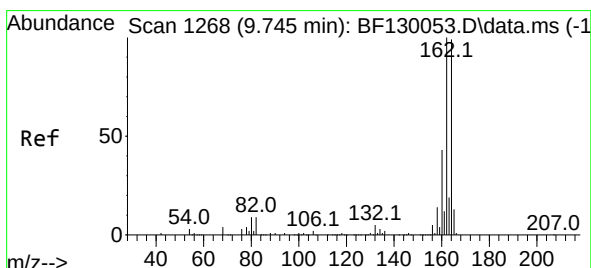
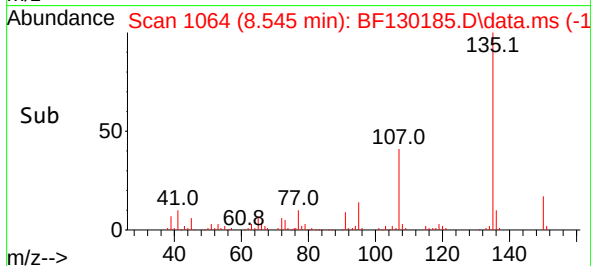
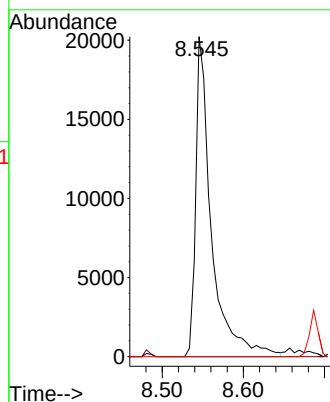
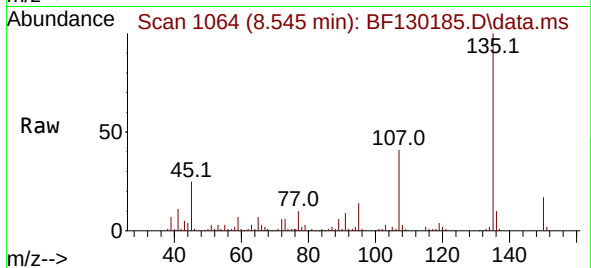
Tgt Ion:107 Resp: 27210

Ion Ratio Lower Upper

107 100

144 0.0 19.9 29.9#

142 0.0 60.2 90.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.012 min

Lab File: BF130185.D

Acq: 08 Sep 2022 18:48

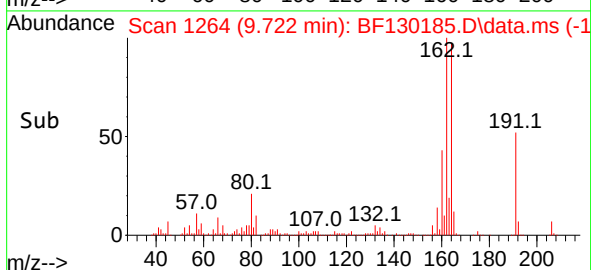
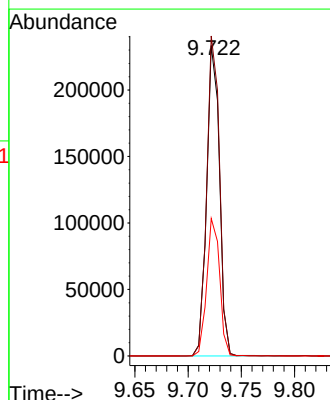
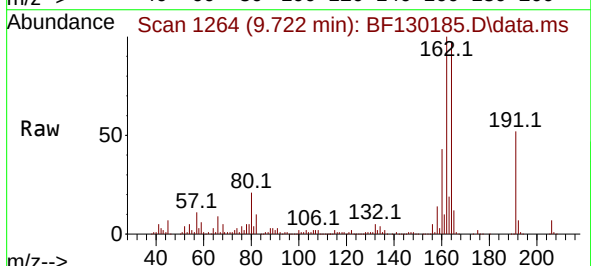
Tgt Ion:164 Resp: 195890

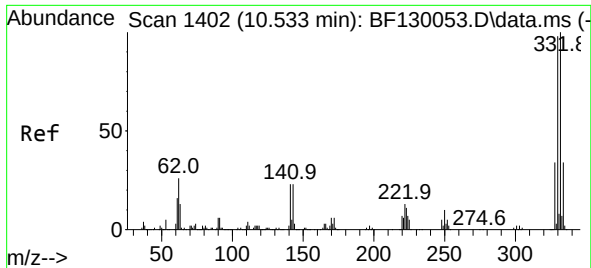
Ion Ratio Lower Upper

164 100

162 103.1 82.0 123.0

160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 16.196 ng

RT: 10.510 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF130185.D

Acq: 08 Sep 2022 18:48

Instrument :

BNA_F

ClientSampleId :

FL-C

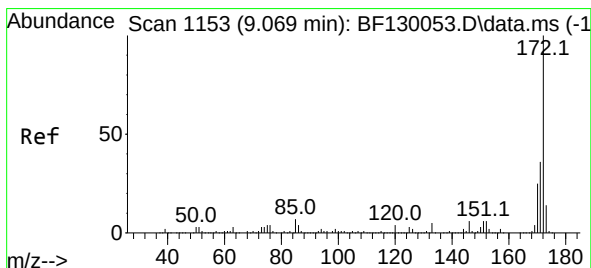
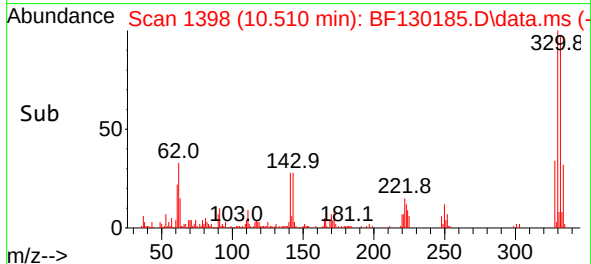
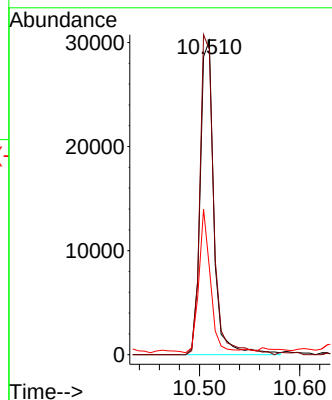
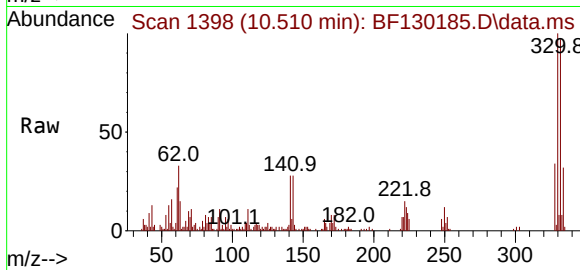
Tgt Ion:330 Resp: 28880

Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 38.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 73.632 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130185.D

Acq: 08 Sep 2022 18:48

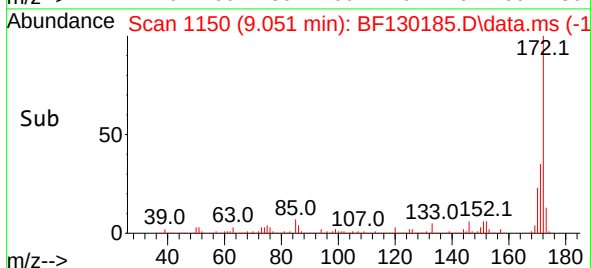
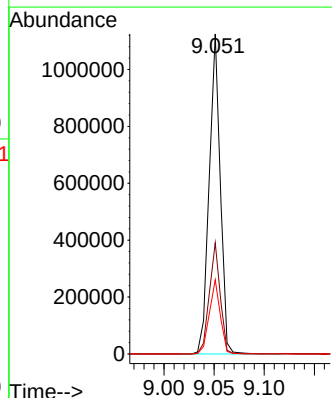
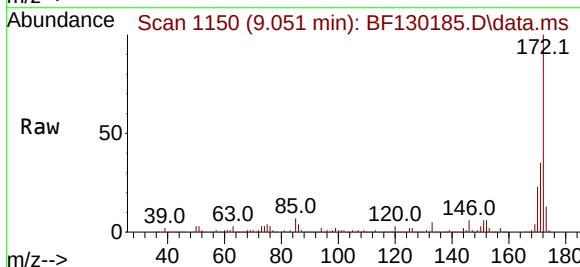
Tgt Ion:172 Resp: 869968

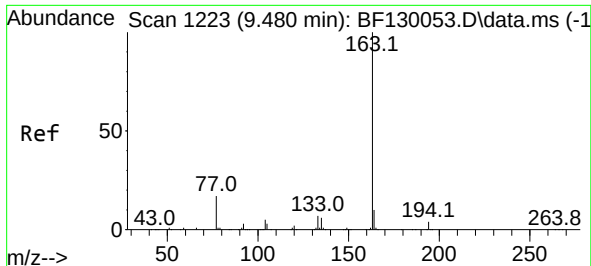
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.2 19.1 28.7

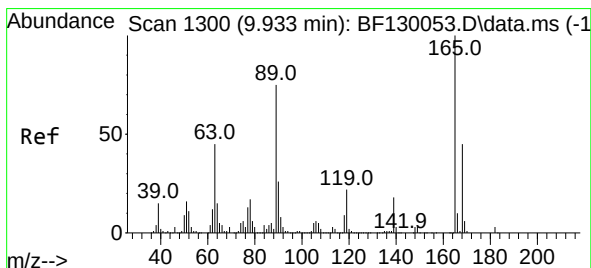
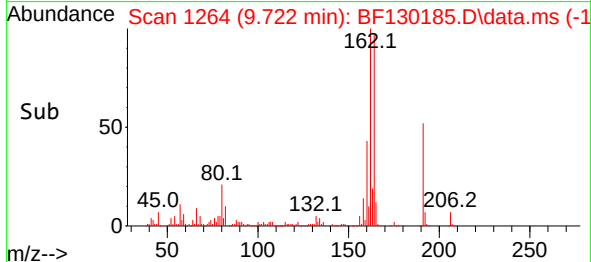
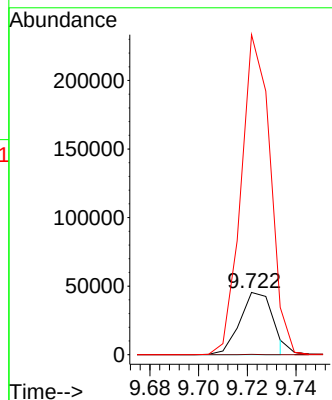
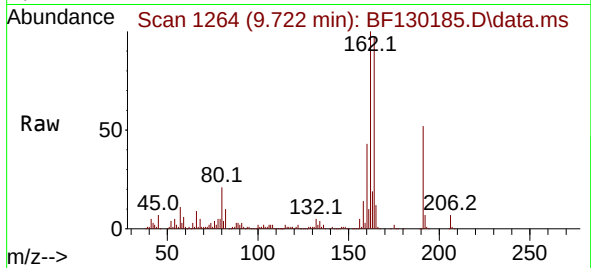




#50
Dimethylphthalate
Concen: 3.195 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.253 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

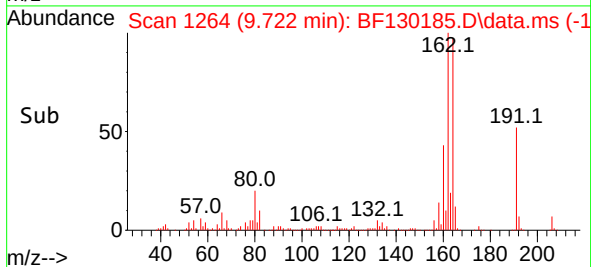
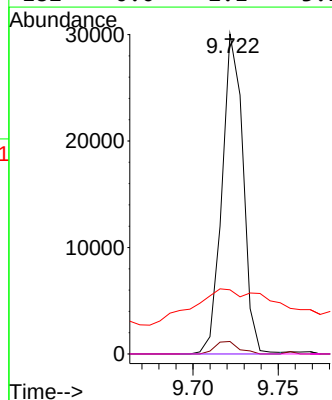
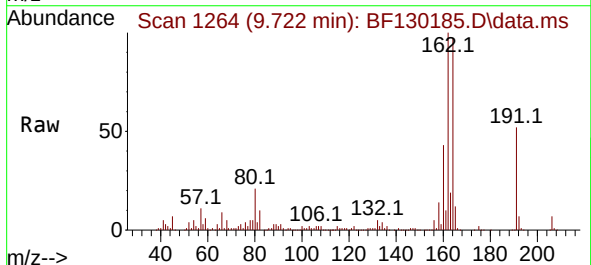
Instrument :
BNA_F
ClientSampleId :
FL-C

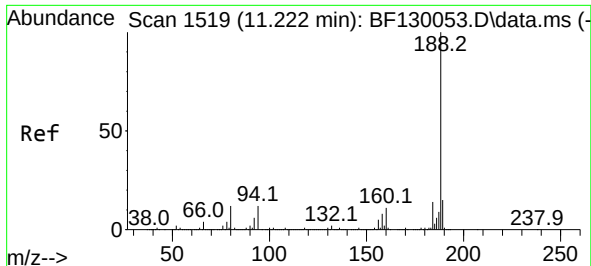
Tgt Ion:163 Resp: 42630
Ion Ratio Lower Upper
163 100
194 0.6 3.3 4.9#
164 514.4 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 8.610 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.200 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion:165 Resp: 25787
Ion Ratio Lower Upper
165 100
63 3.9 48.4 72.6#
89 20.0 62.3 93.5#
182 0.0 2.1 3.1#

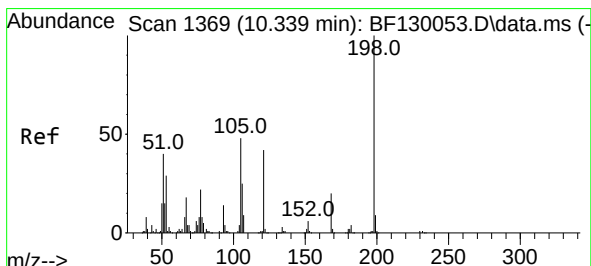
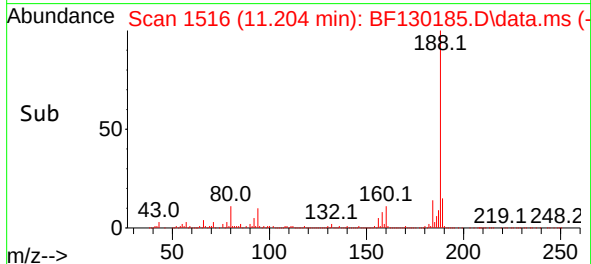
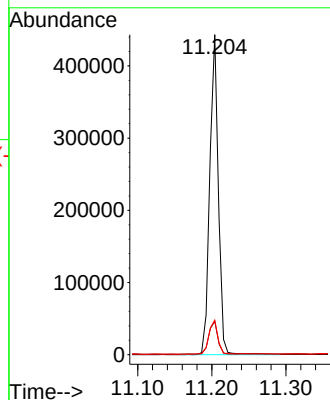
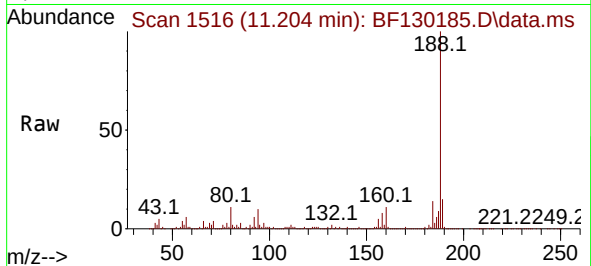




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

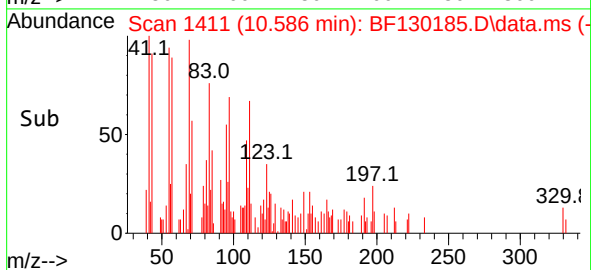
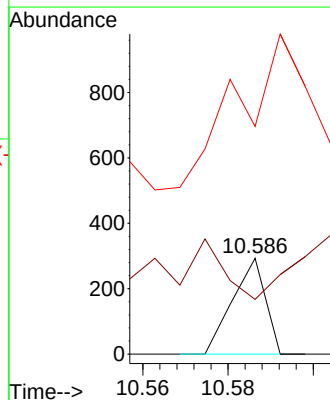
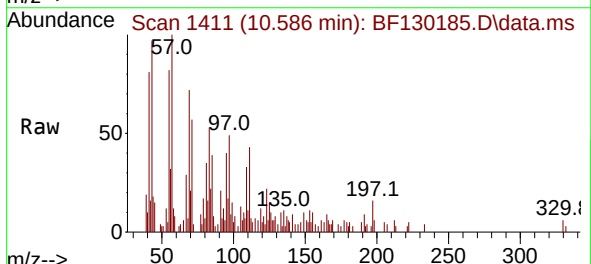
Instrument :
BNA_F
ClientSampleId :
FL-C

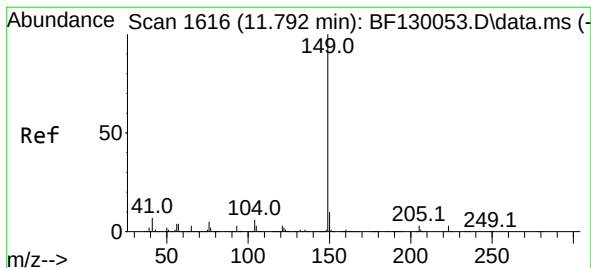
Tgt Ion:188 Resp: 357634
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.162 ng
RT: 10.586 min Scan# 1411
Delta R.T. 0.259 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion:198 Resp: 157
Ion Ratio Lower Upper
198 100
51 57.0 29.4 69.4
105 237.5 29.2 69.2#





#74

Di-n-butylphthalate

Concen: 2.035 ng

RT: 11.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130185.D

Acq: 08 Sep 2022 18:48

Instrument :

BNA_F

ClientSampleId :

FL-C

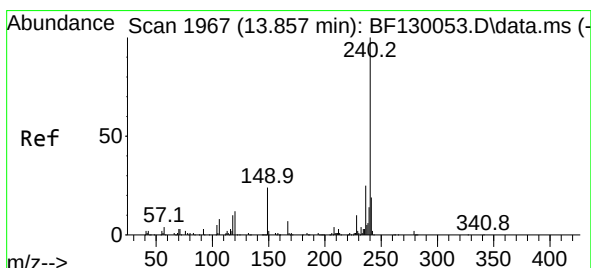
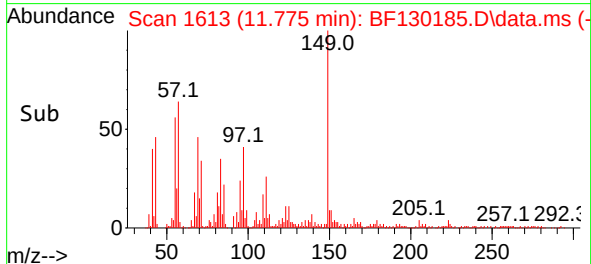
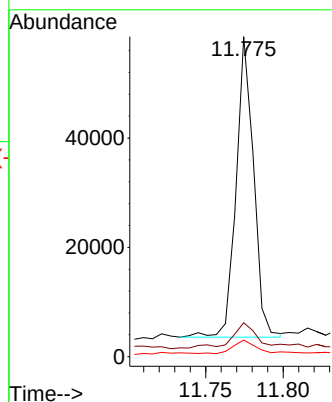
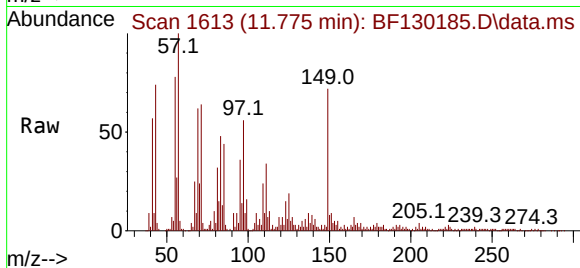
Tgt Ion:149 Resp: 43134

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

104 5.2 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.857 min Scan# 1967

Delta R.T. 0.012 min

Lab File: BF130185.D

Acq: 08 Sep 2022 18:48

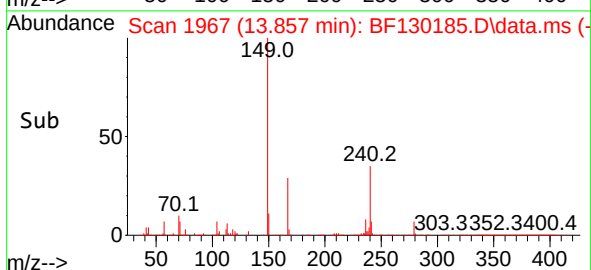
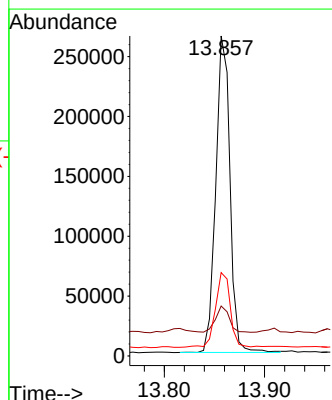
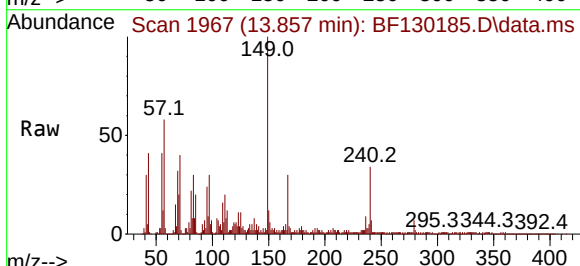
Tgt Ion:240 Resp: 259516

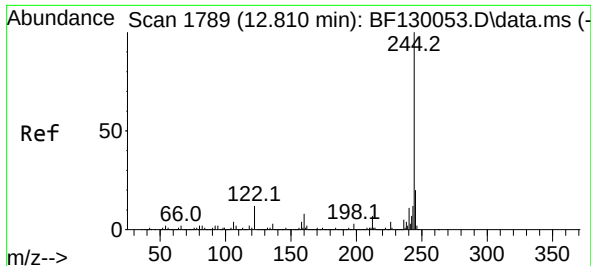
Ion Ratio Lower Upper

240 100

120 15.6 9.2 13.8#

236 26.1 20.7 31.1

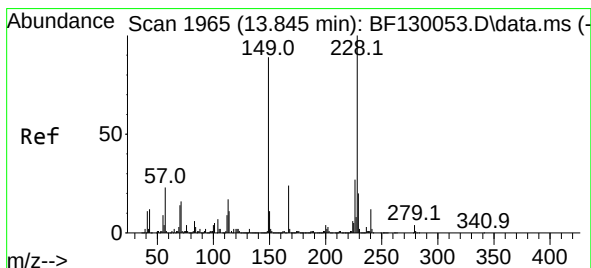
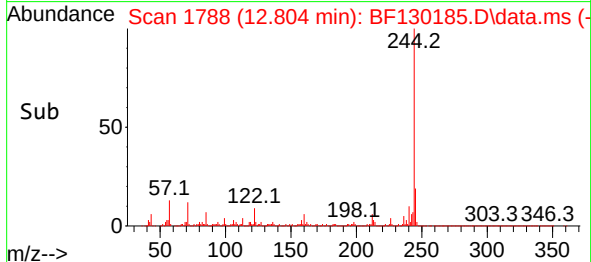
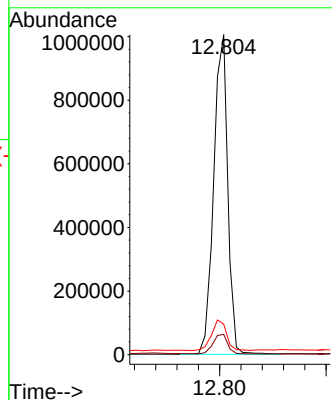
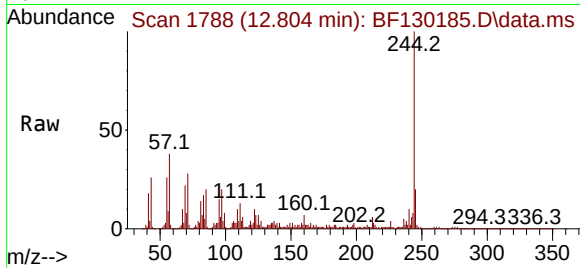




#79
 Terphenyl-d14
 Concen: 61.695 ng
 RT: 12.804 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: BF130185.D
 Acq: 08 Sep 2022 18:48

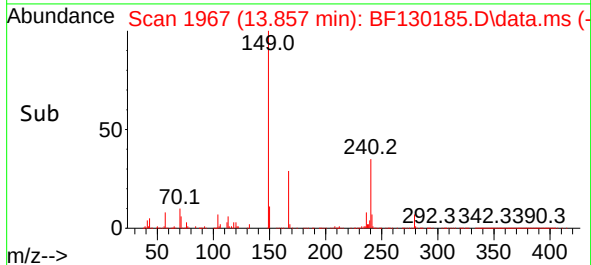
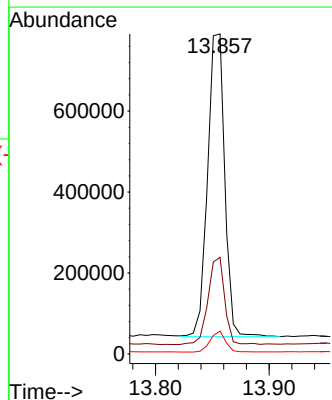
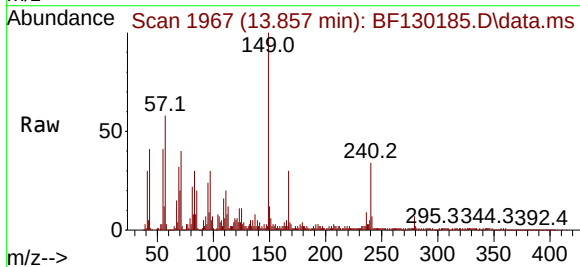
Instrument :
 BNA_F
 ClientSampleId :
 FL-C

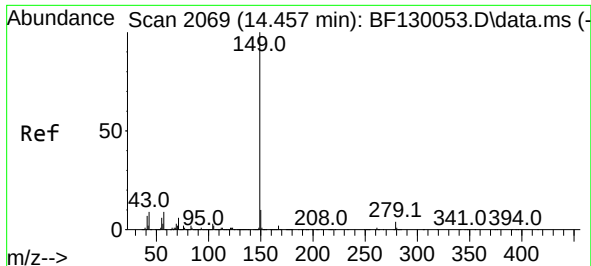
Tgt Ion:244 Resp: 923288
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 9.6 9.9 14.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.962 ng
 RT: 13.857 min Scan# 1967
 Delta R.T. 0.023 min
 Lab File: BF130185.D
 Acq: 08 Sep 2022 18:48

Tgt Ion:149 Resp: 782131
 Ion Ratio Lower Upper
 149 100
 167 30.2 22.0 33.0
 279 7.2 3.6 5.4#

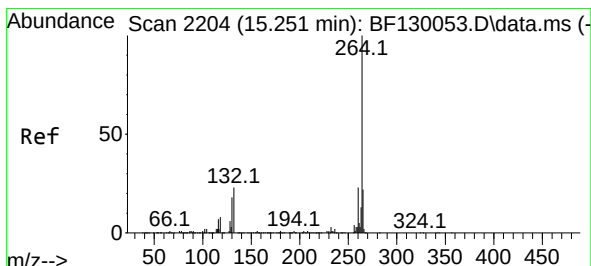
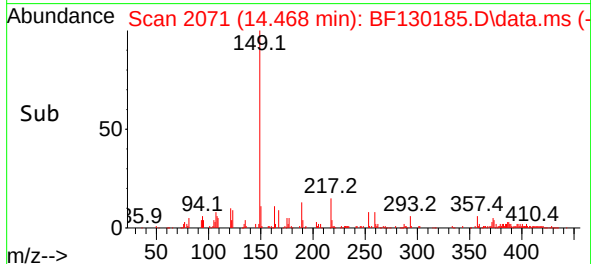
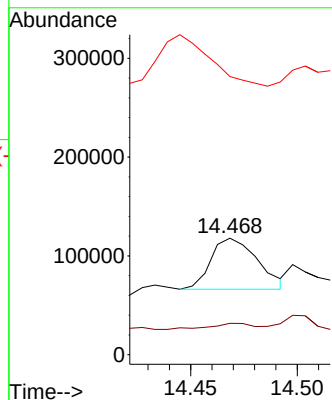
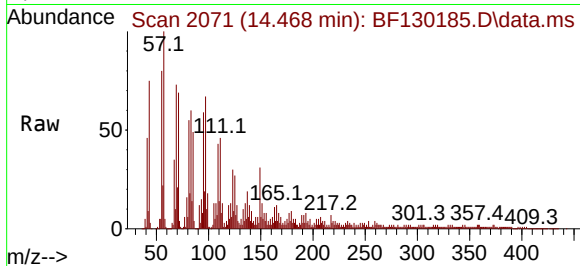




#85
Di-n-octyl phthalate
Concen: 4.320 ng
RT: 14.468 min Scan# 2069
Delta R.T. 0.024 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Instrument :
BNA_F
ClientSampleId :
FL-C

Tgt Ion:149 Resp: 78527
Ion Ratio Lower Upper
149 100
167 13.5 1.3 1.9#
43 0.0 7.8 11.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.274 min Scan# 2208
Delta R.T. 0.035 min
Lab File: BF130185.D
Acq: 08 Sep 2022 18:48

Tgt Ion:264 Resp: 319025
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.7 16.7 25.1

