

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130315.D
 Acq On : 19 Sep 2022 11:45
 Operator : CG\JU
 Sample : PB147728BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147728BL

Quant Time: Sep 19 15:07:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

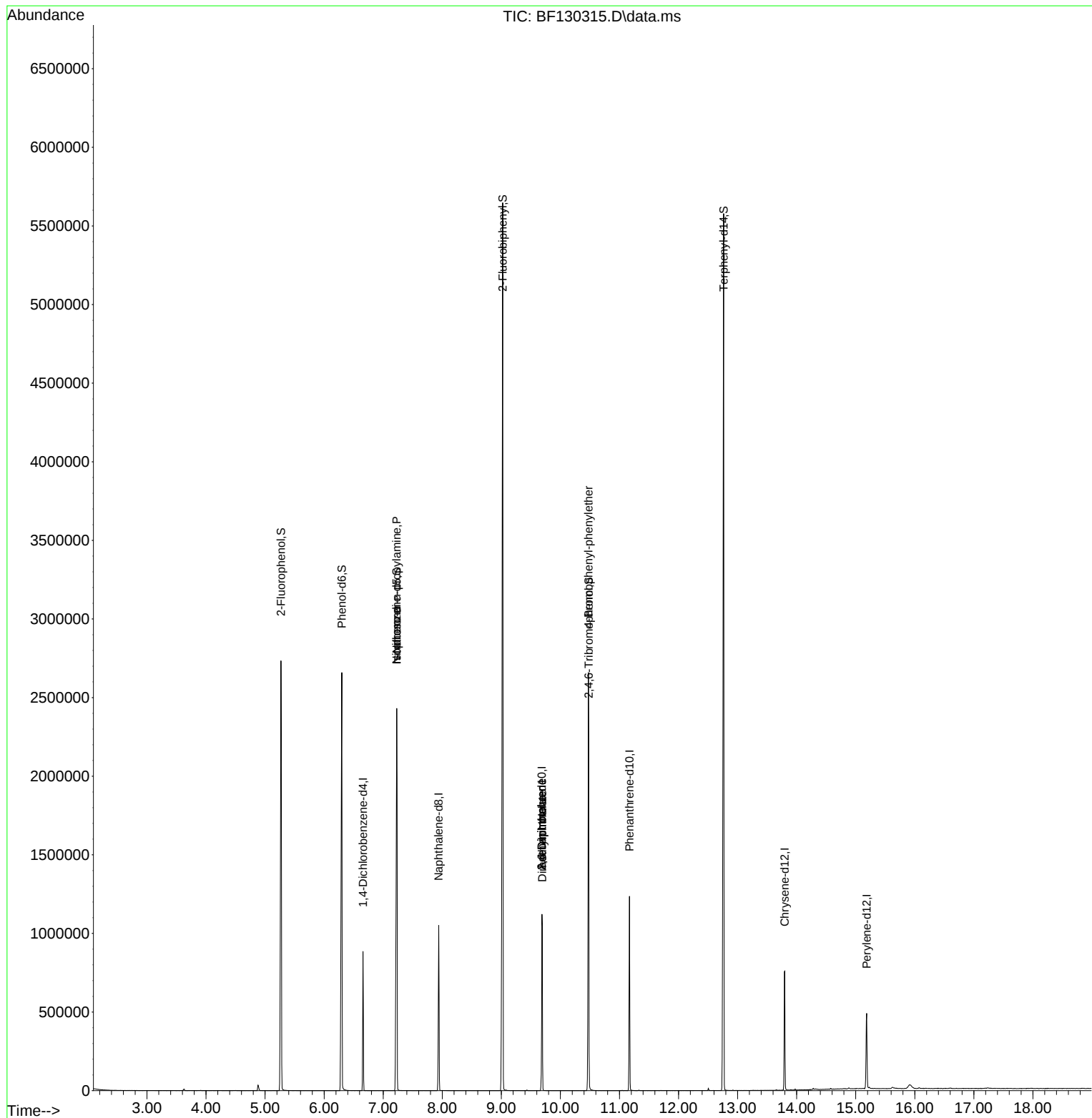
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	112508	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	455508	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	243490	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	395605	20.000	ng	0.00
76) Chrysene-d12	13.798	240	266154	20.000	ng	0.00
86) Perylene-d12	15.186	264	199733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	834481	128.647	ng	0.01
7) Phenol-d6	6.298	99	1006789	124.046	ng	0.00
23) Nitrobenzene-d5	7.228	82	994721	111.565	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	324157	138.938	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1834407	109.707	ng	0.00
79) Terphenyl-d14	12.763	244	1945977	121.114	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.228	70	137602	25.125	ng	# 75
25) Isophorone	7.228	82	991617	69.003	ng	# 66
50) Dimethylphthalate	9.692	163	44117	2.623	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	30458	8.659	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	30458	6.775	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	20174	4.623	ng	# 1

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

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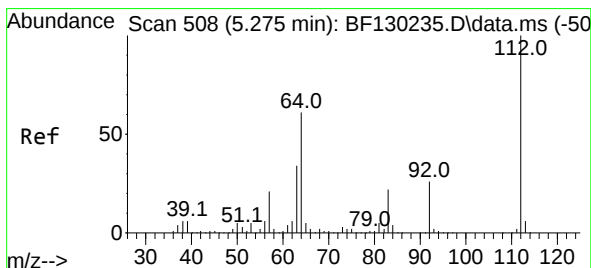
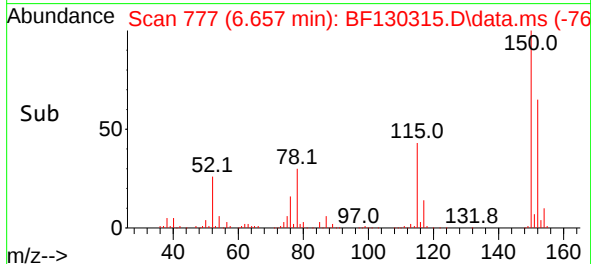
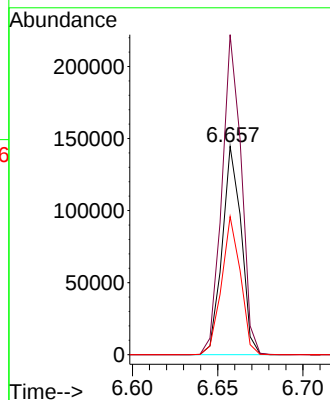
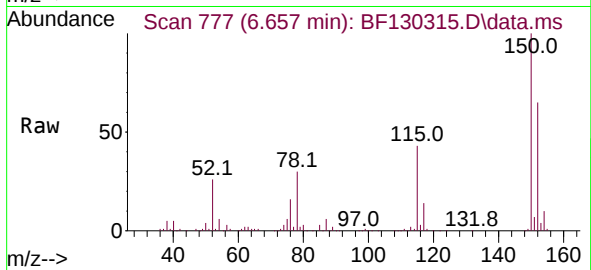




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

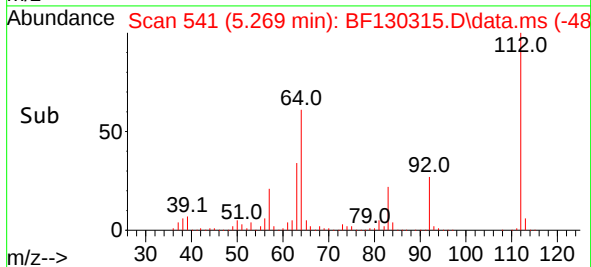
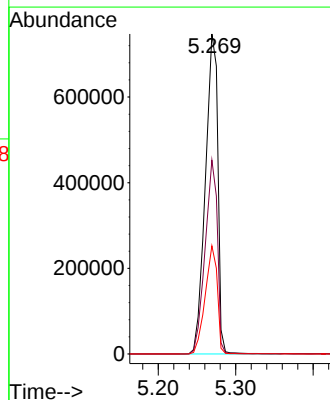
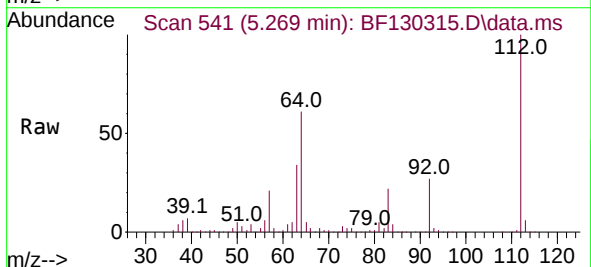
Instrument :
BNA_F
ClientSampleId :
PB147728BL

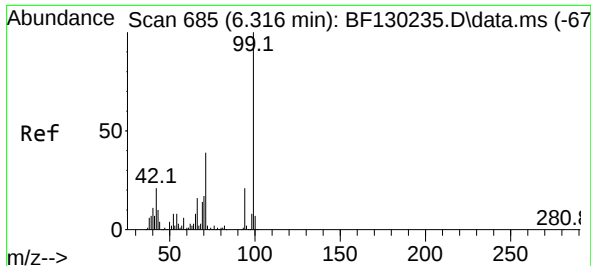
Tgt Ion:152 Resp: 112508
Ion Ratio Lower Upper
152 100
150 153.6 122.8 184.2
115 66.3 53.8 80.8



#5
2-Fluorophenol
Concen: 128.647 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Tgt Ion:112 Resp: 834481
Ion Ratio Lower Upper
112 100
64 60.6 51.4 77.0
63 33.8 28.8 43.2

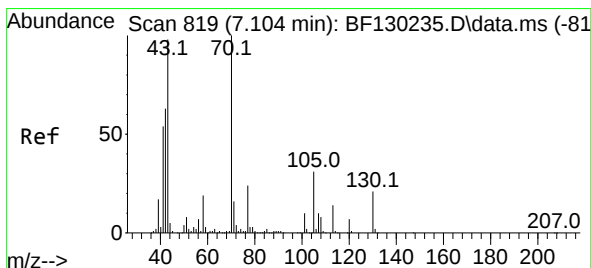
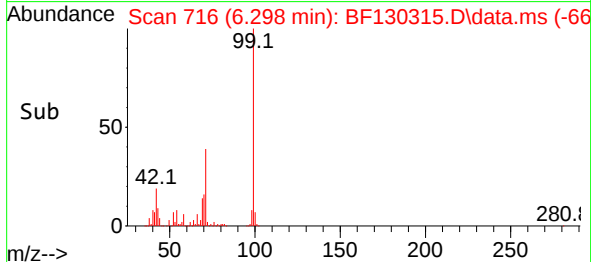
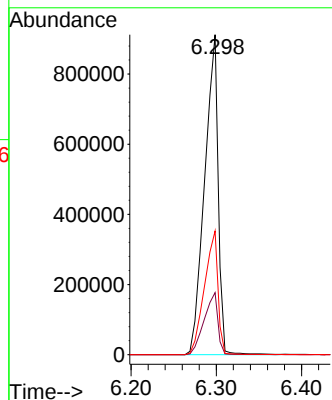
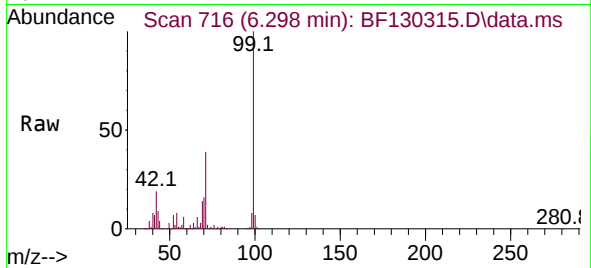




#7
Phenol-d6
Concen: 124.046 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

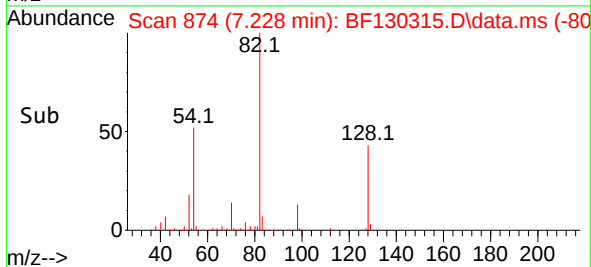
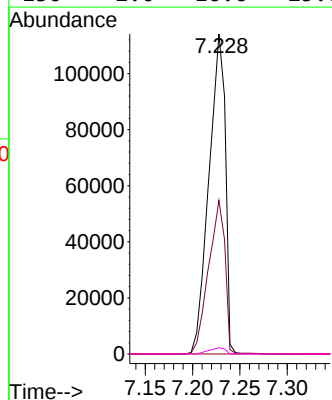
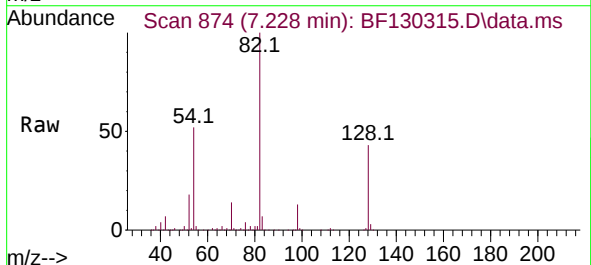
Instrument :
BNA_F
ClientSampleId :
PB147728BL

Tgt Ion: 99 Resp: 1006789
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 38.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 25.125 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Tgt Ion: 70 Resp: 137602
Ion Ratio Lower Upper
70 100
42 48.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

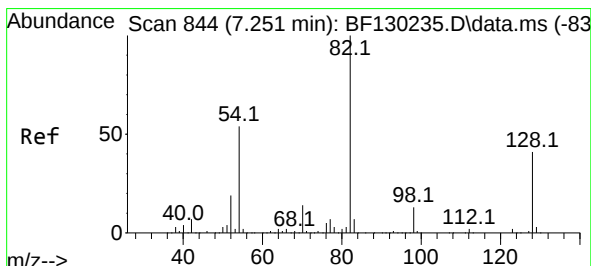
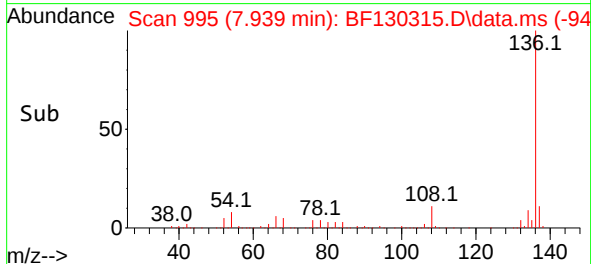
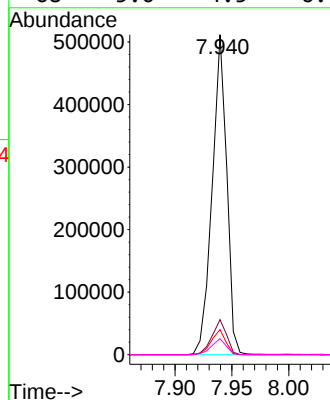
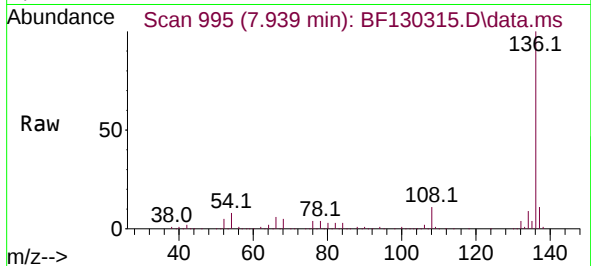




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

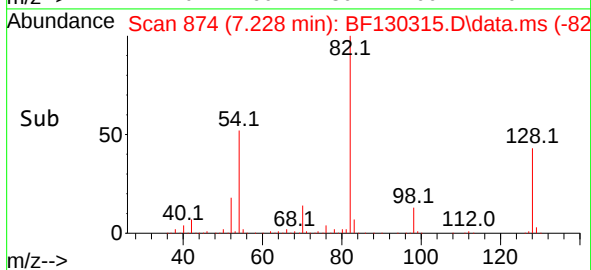
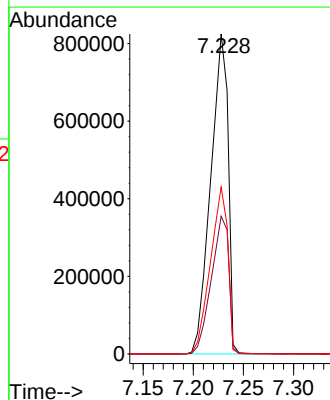
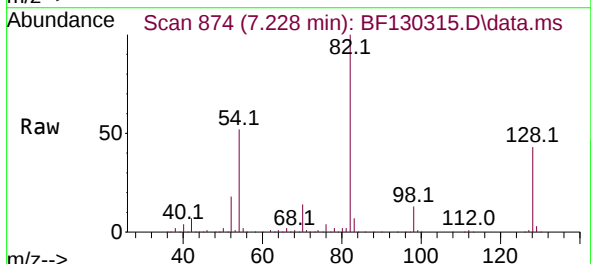
Instrument :
BNA_F
ClientSampleId :
PB147728BL

Tgt Ion:	136	Resp:	455508
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.8	7.1	10.7
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 111.565 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Tgt Ion:	82	Resp:	994721
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.6	49.0
54	52.2	43.8	65.6

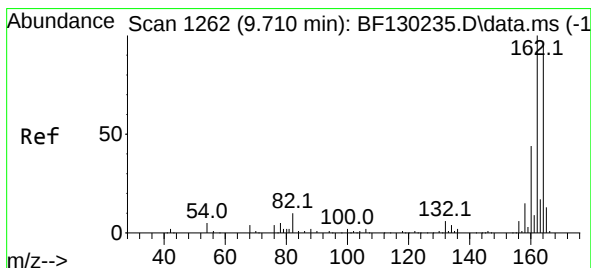
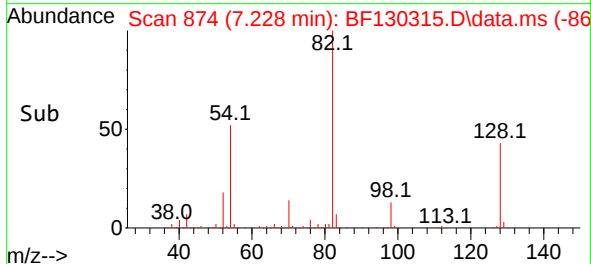
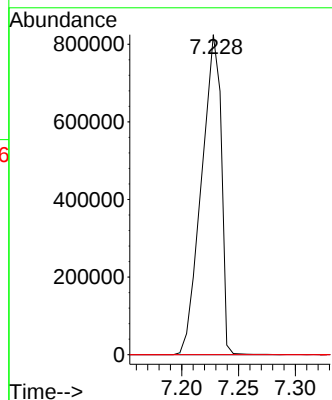
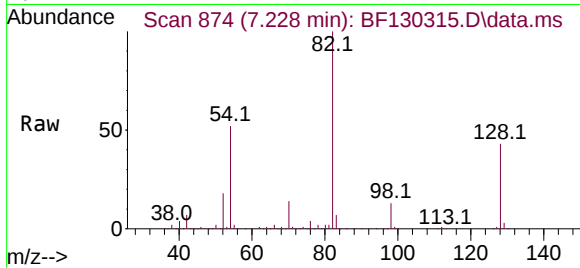




#25
Isophorone
Concen: 69.003 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

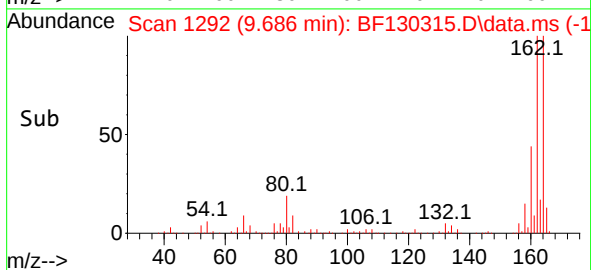
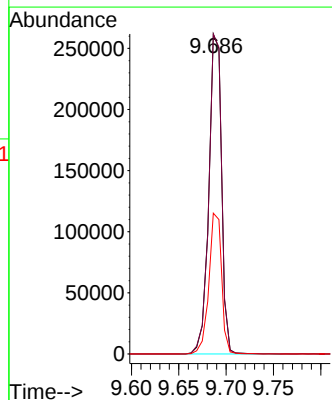
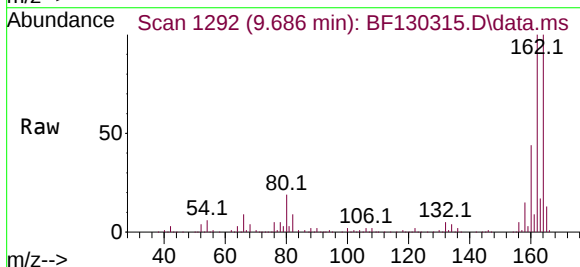
Instrument :
BNA_F
ClientSampleId :
PB147728BL

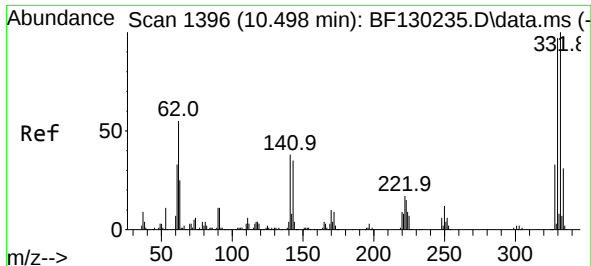
Tgt Ion: 82 Resp: 991617
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Tgt Ion:164 Resp: 243490
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 138.938 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF130315.D

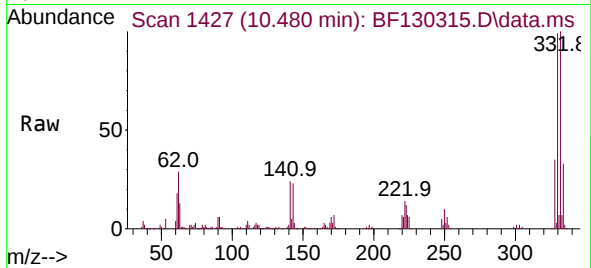
Acq: 19 Sep 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB147728BL



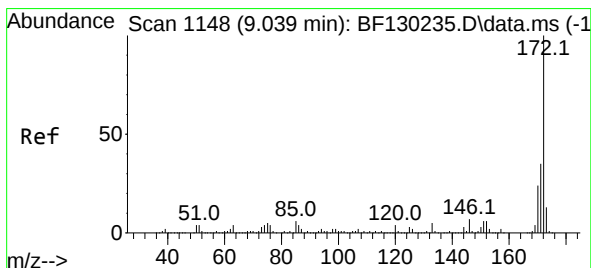
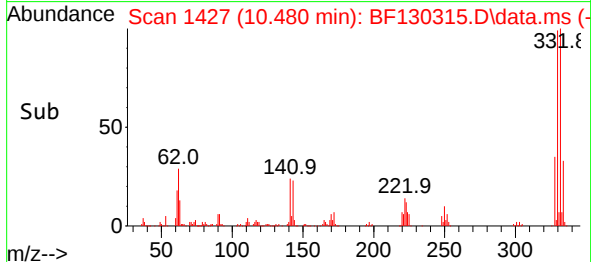
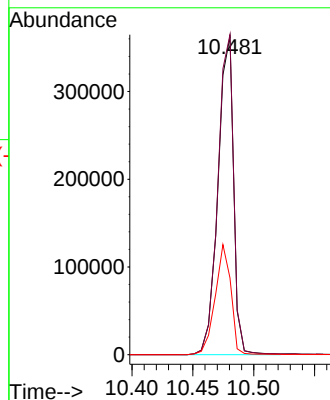
Tgt Ion:330 Resp: 324157

Ion Ratio Lower Upper

330 100

332 101.9 83.4 125.2

141 34.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 109.707 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF130315.D

Acq: 19 Sep 2022 11:45

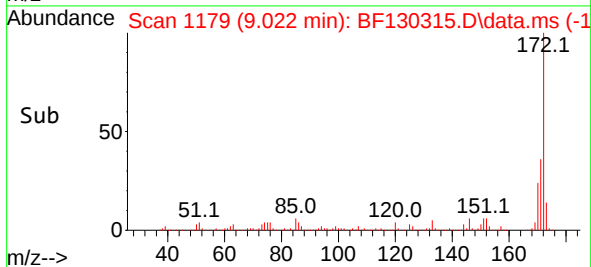
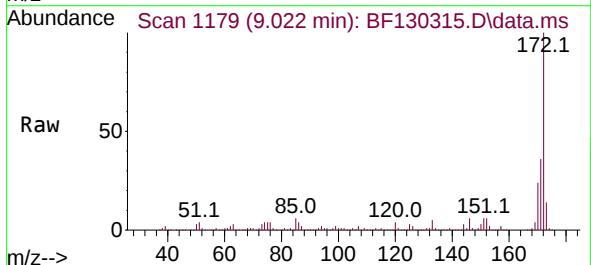
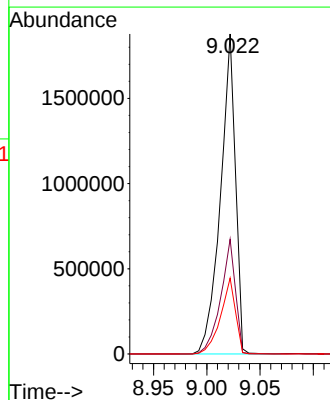
Tgt Ion:172 Resp: 1834407

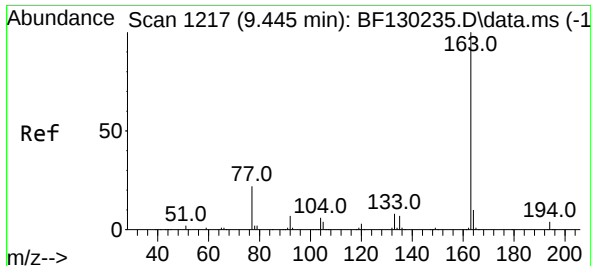
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.7 18.7 28.1

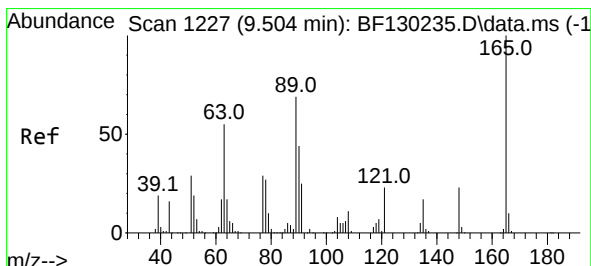
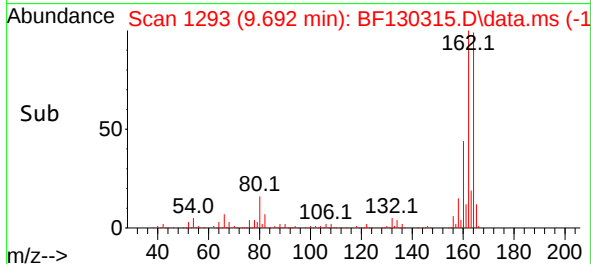
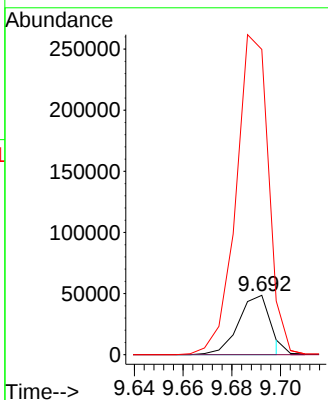
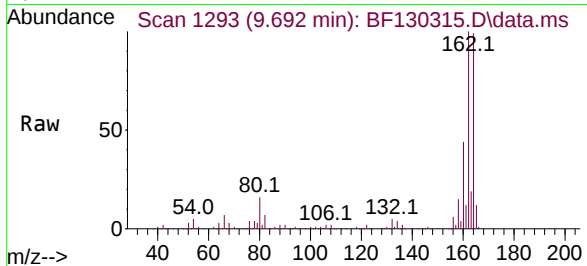




#50
Dimethylphthalate
Concen: 2.623 ng
RT: 9.692 min Scan# 1217
Delta R.T. 0.265 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

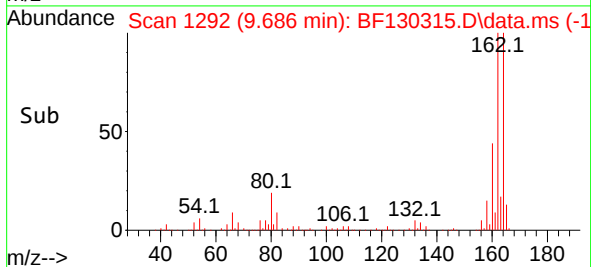
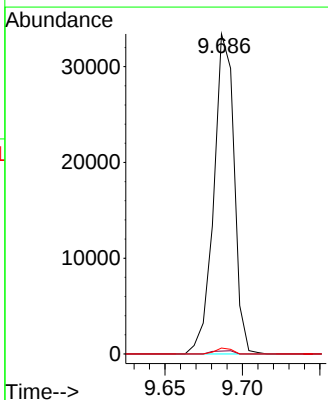
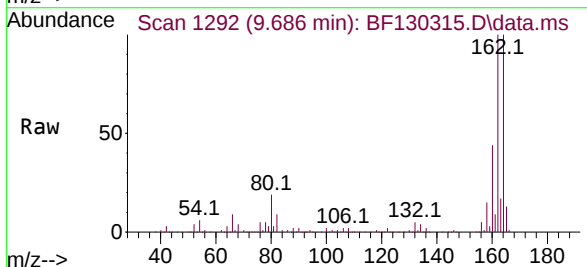
Instrument :
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PB147728BL

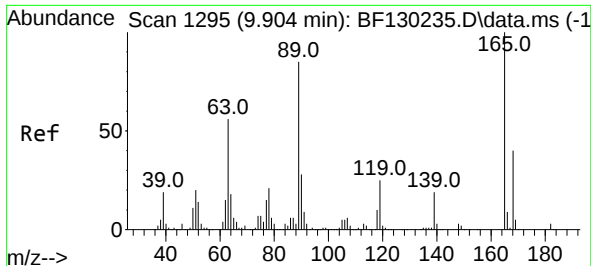
Tgt Ion:163 Resp: 44117
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 514.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

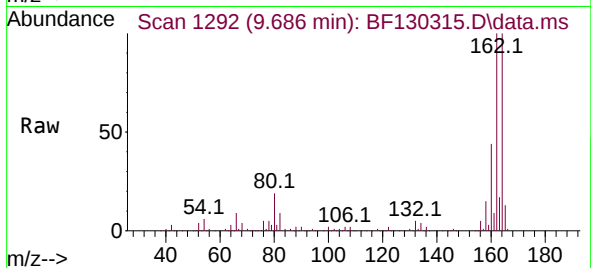
Tgt Ion:165 Resp: 30458
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.9 54.5 81.7#



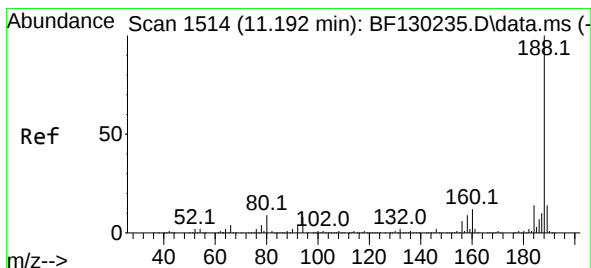
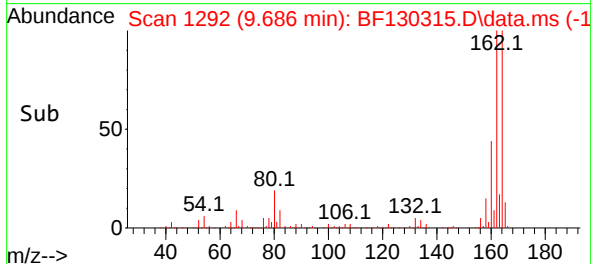
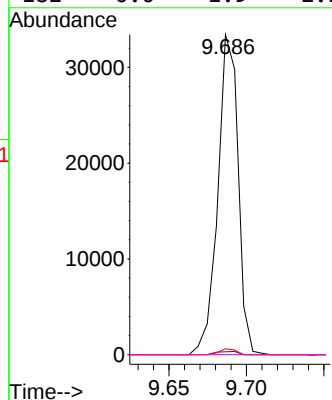


#57
2,4-Dinitrotoluene
Concen: 6.775 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Instrument :
BNA_F
ClientSampleId :
PB147728BL

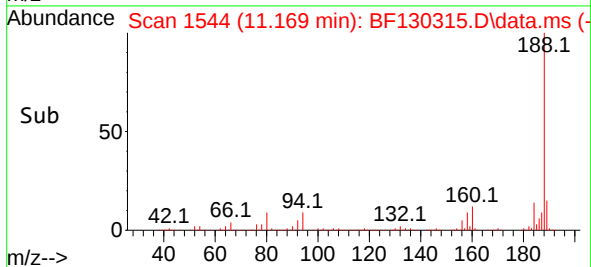
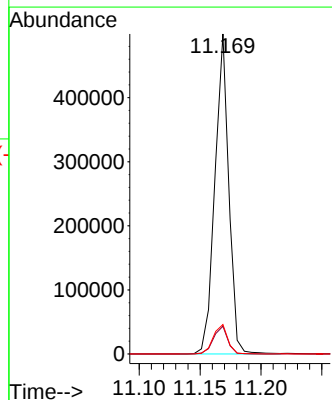
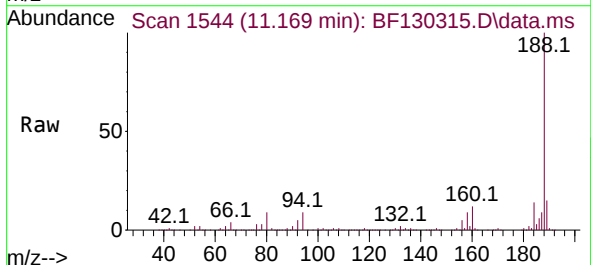


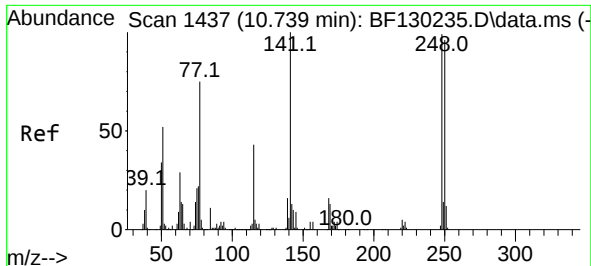
Tgt Ion:165 Resp: 30458
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.9 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Tgt Ion:188 Resp: 395605
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.2 7.9 11.9

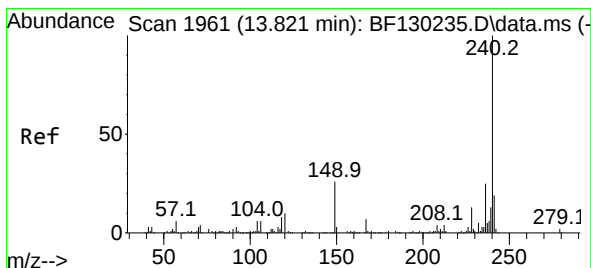
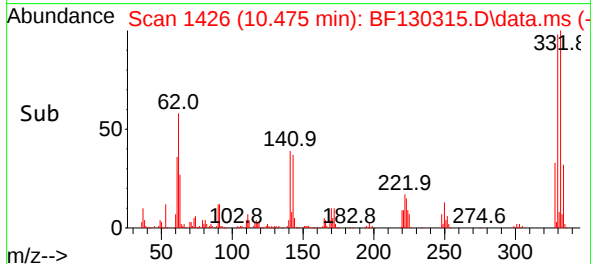
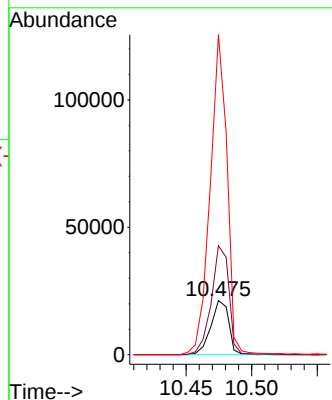
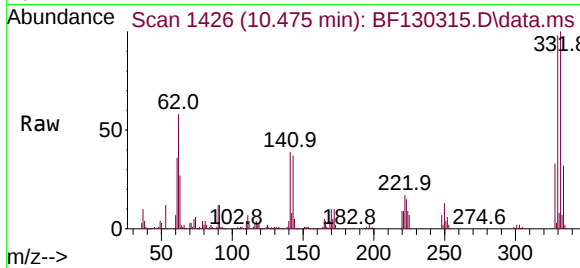




#67
4-Bromophenyl-phenylether
Concen: 4.623 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

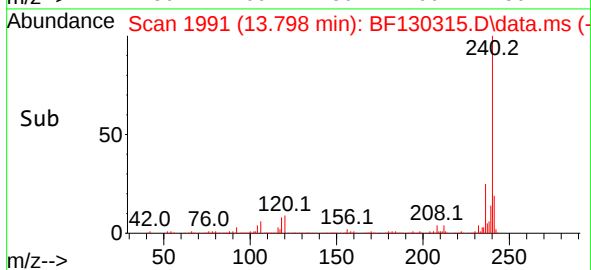
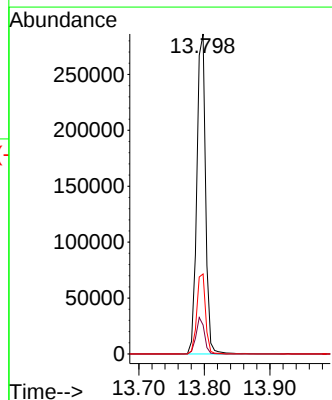
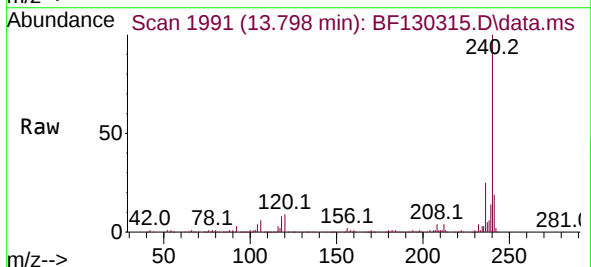
Instrument :
BNA_F
ClientSampleId :
PB147728BL

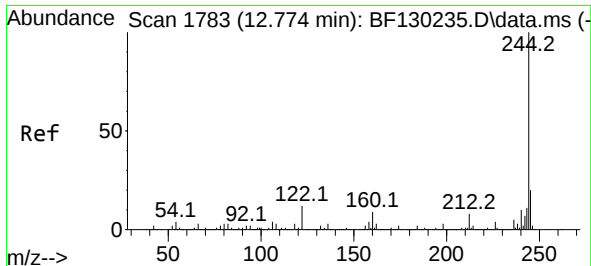
Tgt Ion:248 Resp: 20174
Ion Ratio Lower Upper
248 100
250 201.3 80.0 120.0#
141 591.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130315.D
Acq: 19 Sep 2022 11:45

Tgt Ion:240 Resp: 266154
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 25.0 20.9 31.3

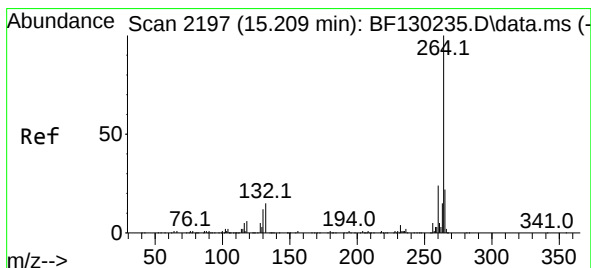
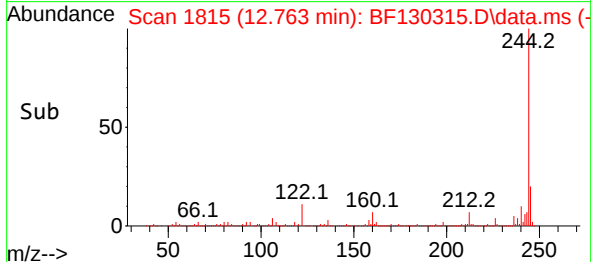
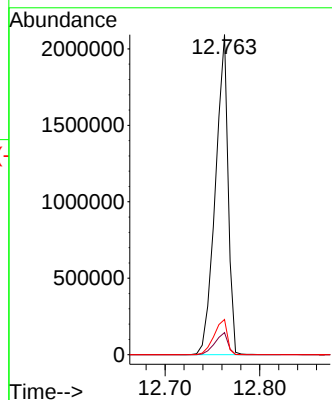
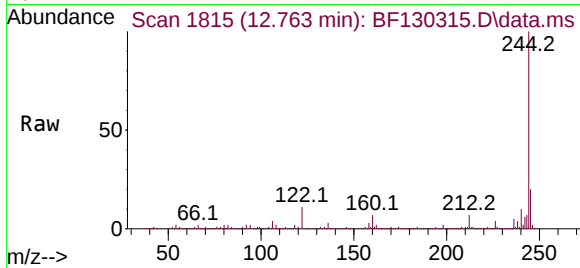




#79
 Terphenyl-d14
 Concen: 121.114 ng
 RT: 12.763 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130315.D
 Acq: 19 Sep 2022 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB147728BL

Tgt Ion:244 Resp: 1945977
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 2227
 Delta R.T. 0.000 min
 Lab File: BF130315.D
 Acq: 19 Sep 2022 11:45

Tgt Ion:264 Resp: 199733
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.2 17.0 25.4

