

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133208.D
 Acq On : 03 May 2023 15:40
 Operator : CG\JU
 Sample : 02583-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-22

Quant Time: May 03 16:25:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

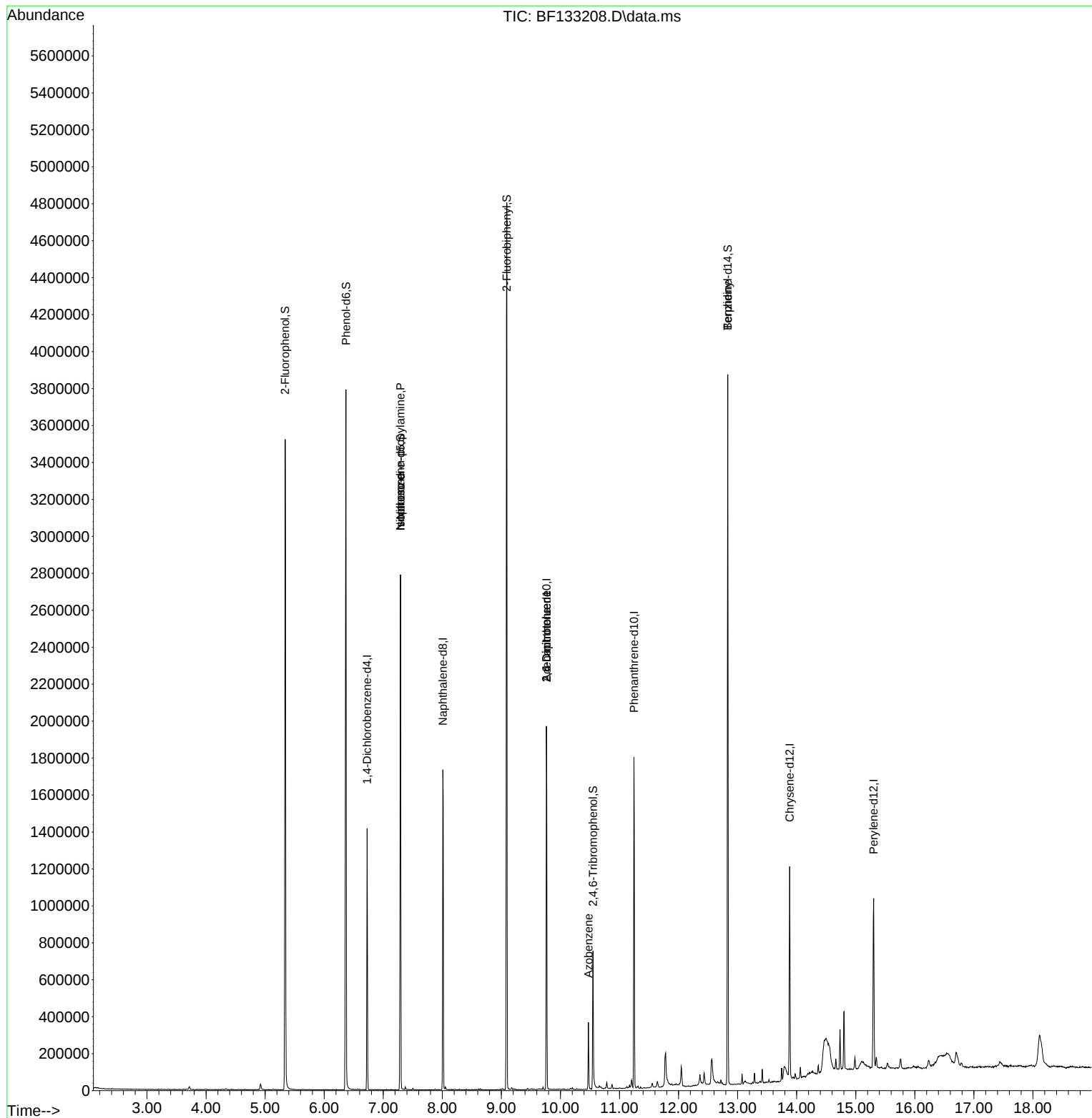
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	180596	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	726755	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	377290	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	619986	20.000	ng	0.00
76) Chrysene-d12	13.880	240	327456	20.000	ng	-0.01
86) Perylene-d12	15.304	264	387782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1022927	85.564	ng	0.00
7) Phenol-d6	6.369	99	1252752	84.424	ng	0.00
23) Nitrobenzene-d5	7.292	82	776401	57.664	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	86353	22.758	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1418580	62.903	ng	0.00
79) Terphenyl-d14	12.833	244	1209712	63.714	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	357	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	102524	11.098	ng	# 76
25) Isophorone	7.292	82	776394	30.371	ng	# 63
51) 2,6-Dinitrotoluene	9.763	165	47373	8.001	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	47373	6.274	ng	# 23
63) Azobenzene	10.475	77	54225	2.060	ng	# 1
77) Benzidine	12.833	184	15366	2.775	ng	# 90

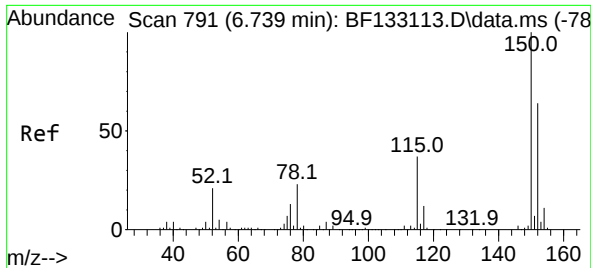
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133208.D
Acq On : 03 May 2023 15:40
Operator : CG\JU
Sample : 02583-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-22

Quant Time: May 03 16:25:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 12:00:39 2023
Response via : Initial Calibration

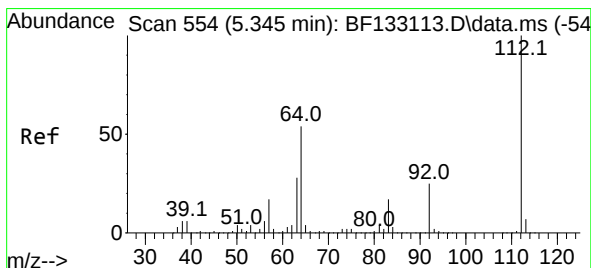
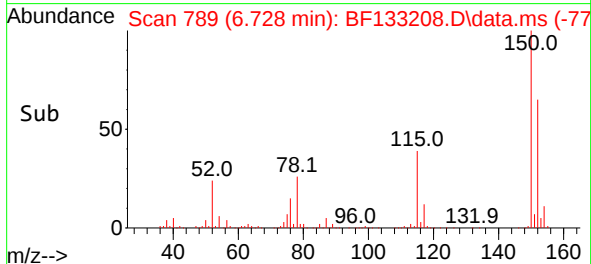
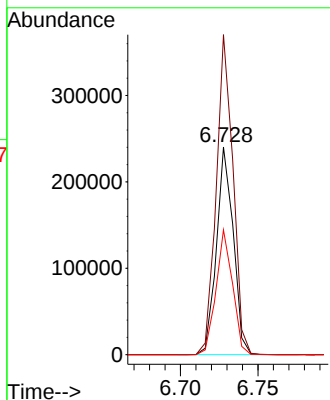
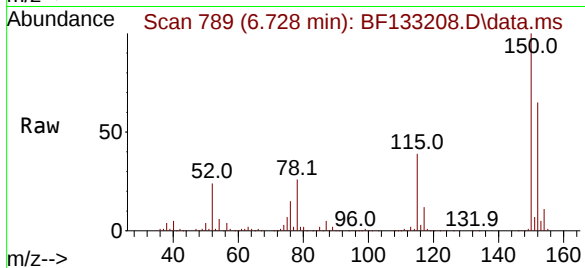




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133208.D
 Acq: 03 May 2023 15:40

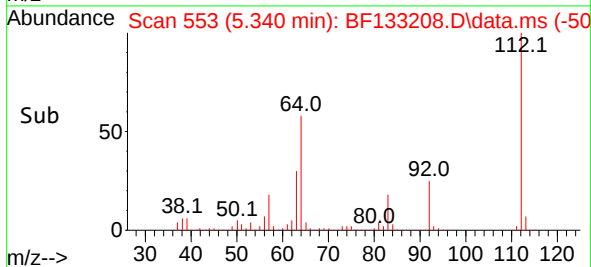
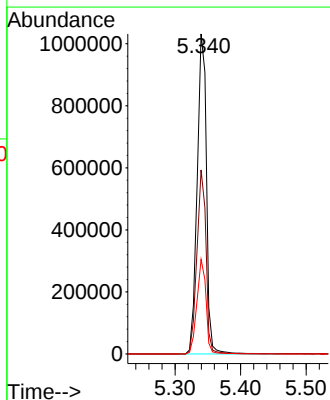
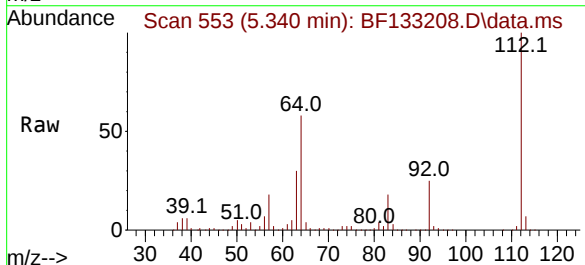
Instrument :
 BNA_F
 ClientSampleId :
 CF-22

Tgt Ion:152 Resp: 180596
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.8 187.2
 115 60.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.564 ng
 RT: 5.340 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF133208.D
 Acq: 03 May 2023 15:40

Tgt Ion:112 Resp: 1022927
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.8 70.2
 63 29.6 23.8 35.8

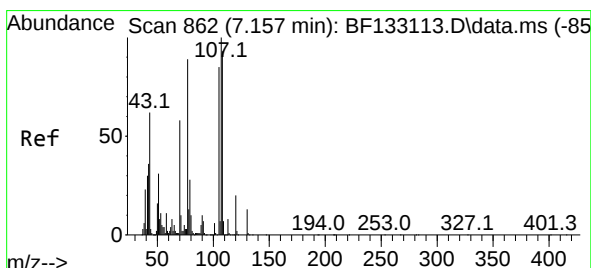
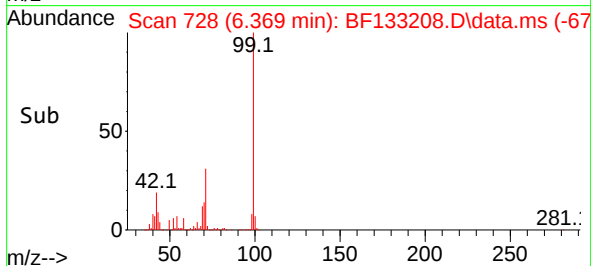
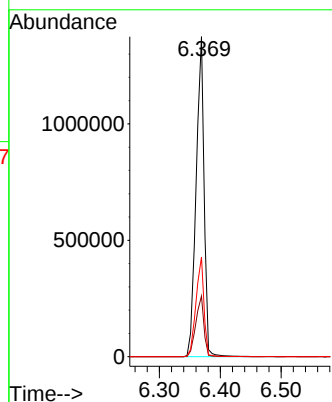
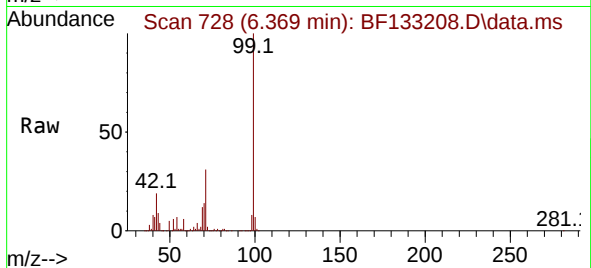




#7
Phenol-d6
Concen: 84.424 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

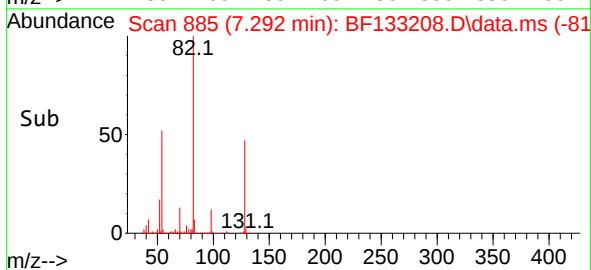
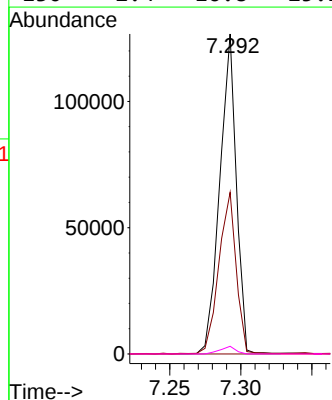
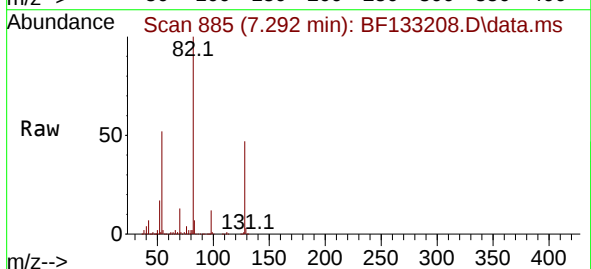
Instrument :
BNA_F
ClientSampleId :
CF-22

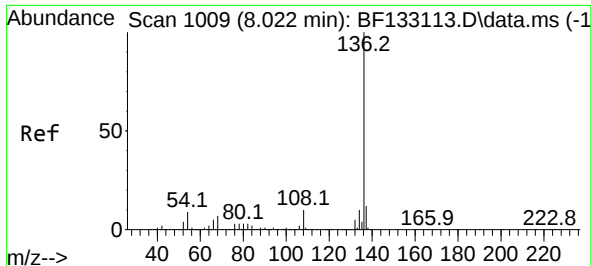
Tgt Ion: 99 Resp: 1252752
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.098 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

Tgt Ion: 70 Resp: 102524
Ion Ratio Lower Upper
70 100
42 50.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

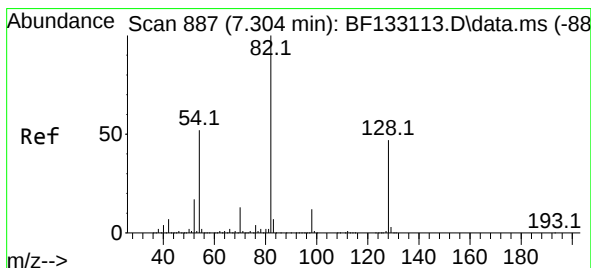
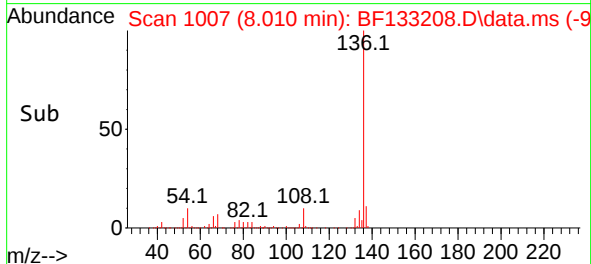
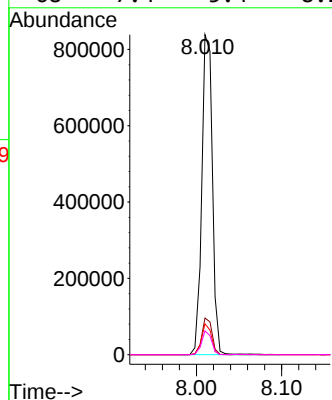
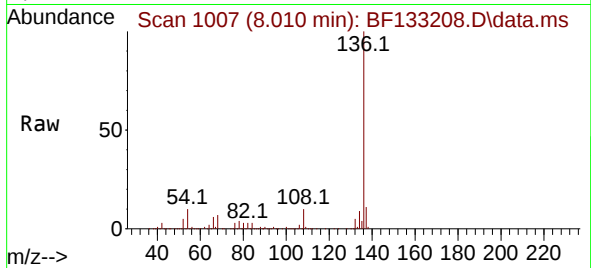




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

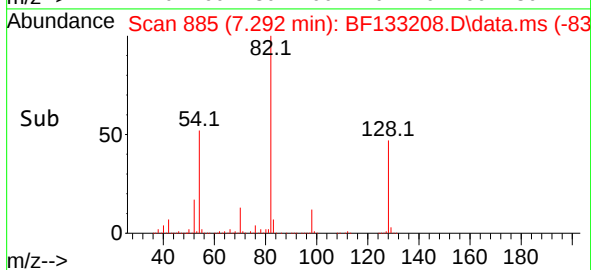
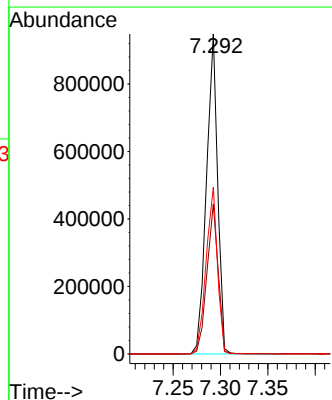
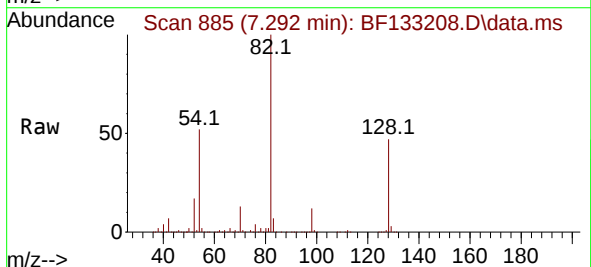
Instrument :
BNA_F
ClientSampleId :
CF-22

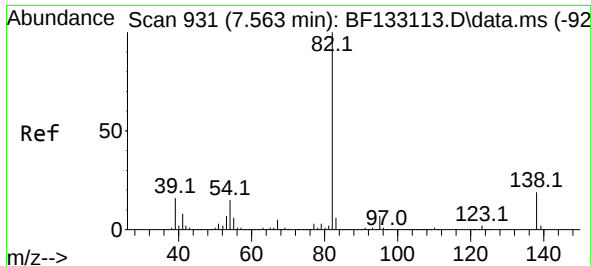
Tgt Ion:136 Resp: 726755
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.6 7.0 10.4
68 7.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 57.664 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

Tgt Ion: 82 Resp: 776401
Ion Ratio Lower Upper
82 100
128 46.9 37.7 56.5
54 52.2 43.0 64.4

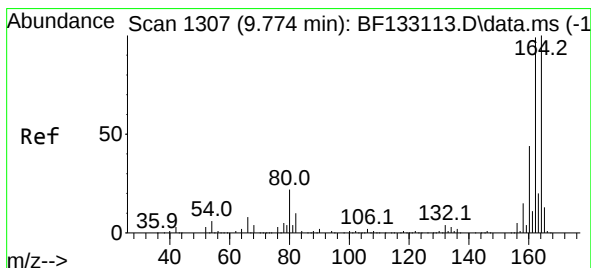
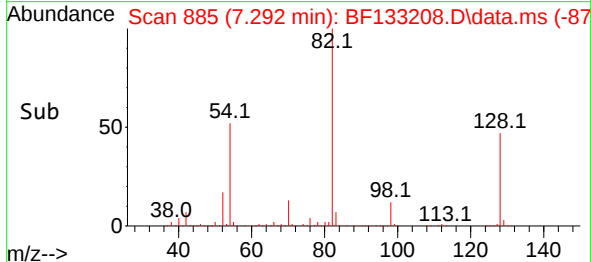
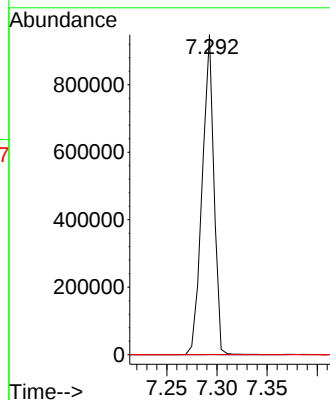
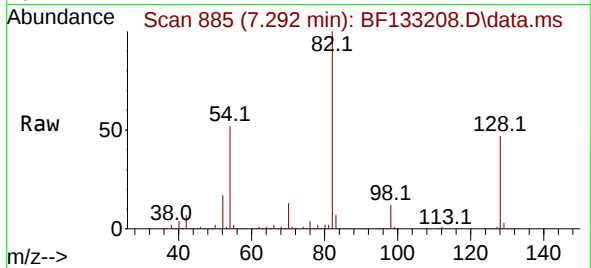




#25
Isophorone
Concen: 30.371 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

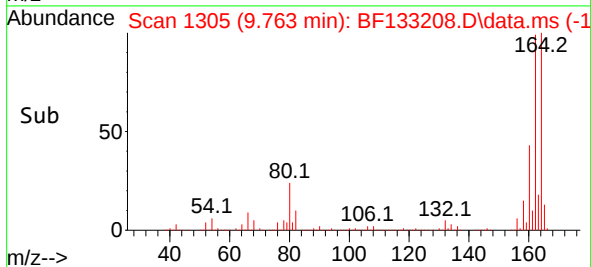
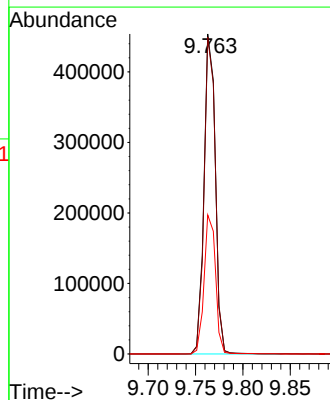
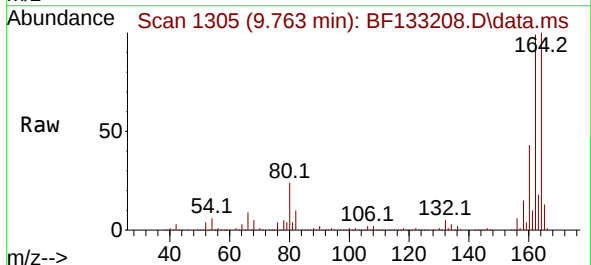
Instrument :
BNA_F
ClientSampleId :
CF-22

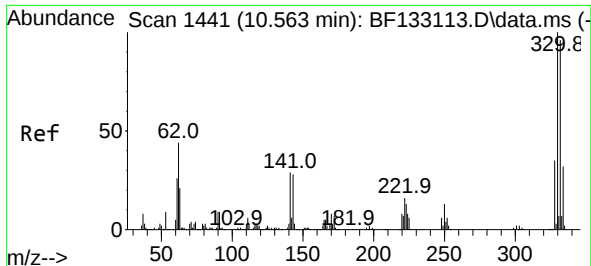
Tgt Ion: 82 Resp: 776394
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

Tgt Ion: 164 Resp: 377290
Ion Ratio Lower Upper
164 100
162 99.1 78.7 118.1
160 43.4 35.8 53.6

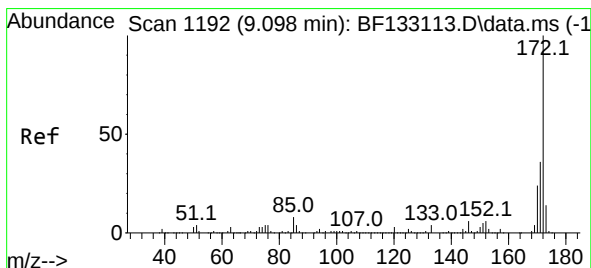
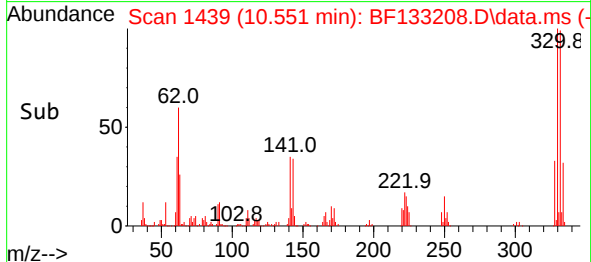
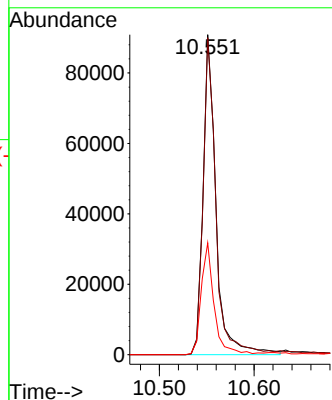
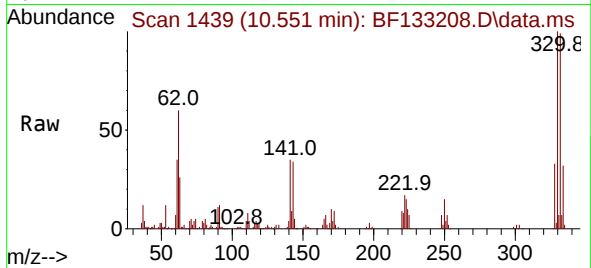




#42
2,4,6-Tribromophenol
Concen: 22.758 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

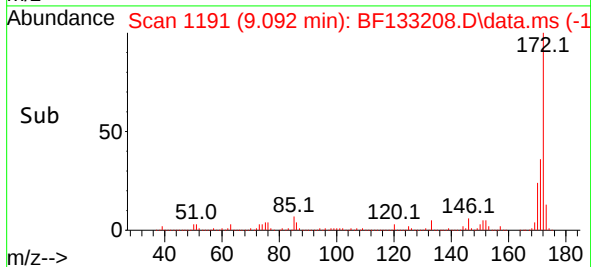
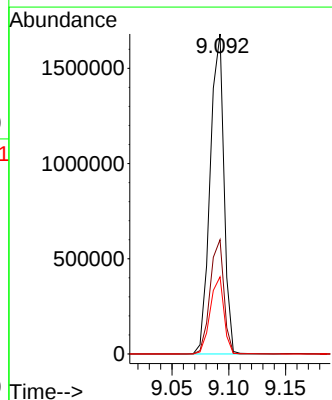
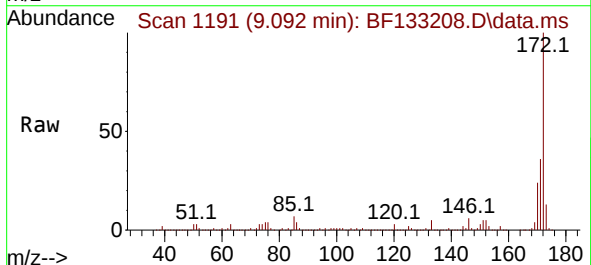
Instrument :
BNA_F
ClientSampleId :
CF-22

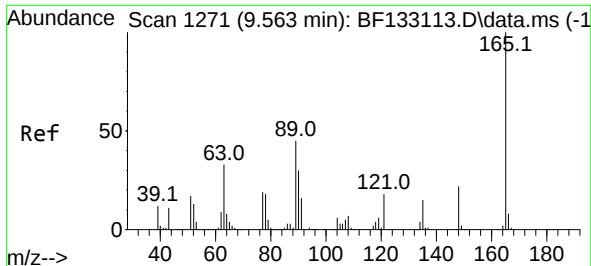
Tgt Ion: 330 Resp: 86353
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 35.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 62.903 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133208.D
Acq: 03 May 2023 15:40

Tgt Ion: 172 Resp: 1418580
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.001 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Instrument :

BNA_F

ClientSampleId :

CF-22

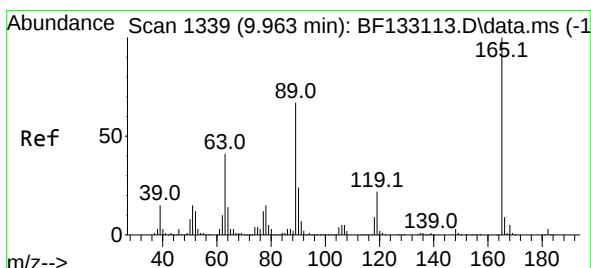
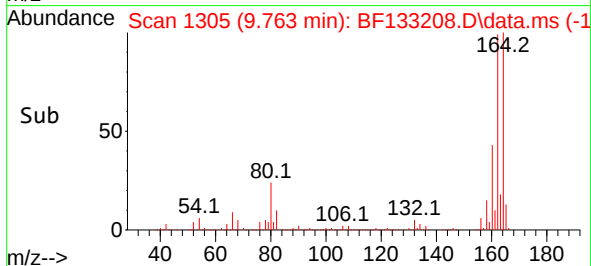
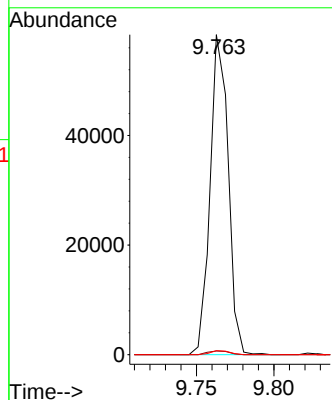
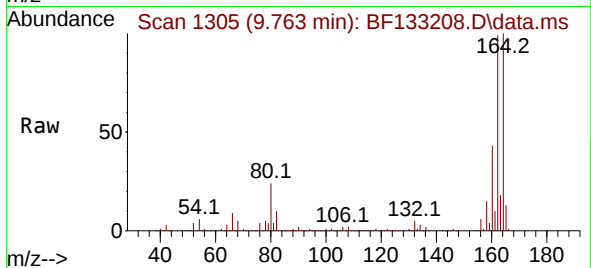
Tgt Ion:165 Resp: 47373

Ion Ratio Lower Upper

165 100

63 1.1 45.9 68.9#

89 1.3 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.274 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.194 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Tgt Ion:165 Resp: 47373

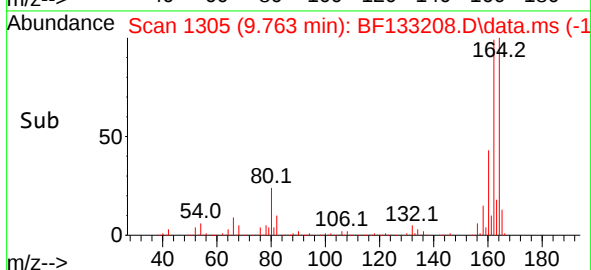
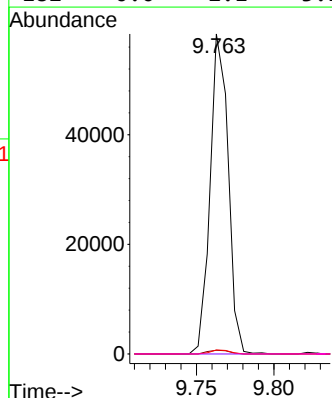
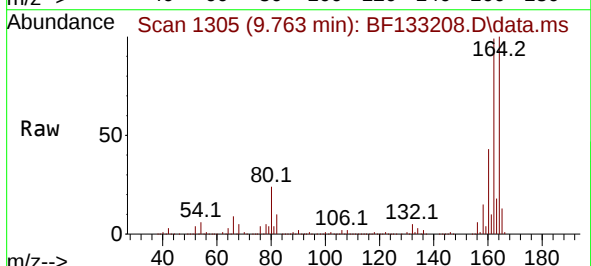
Ion Ratio Lower Upper

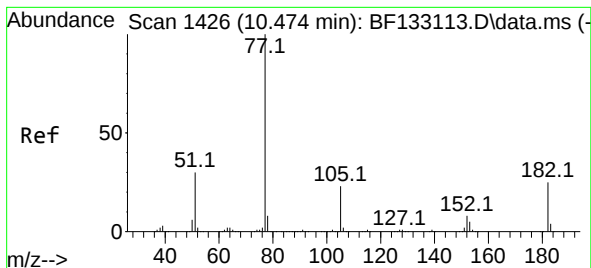
165 100

63 1.1 37.7 56.5#

89 1.3 57.0 85.4#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.060 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Instrument :

BNA_F

ClientSampleId :

CF-22

Tgt Ion: 77 Resp: 54225

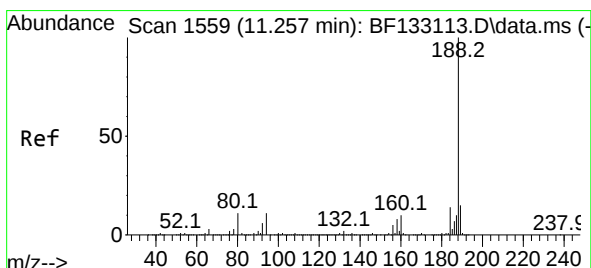
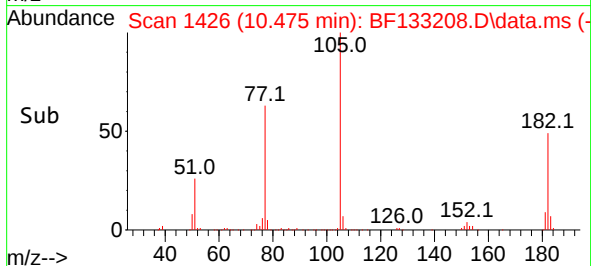
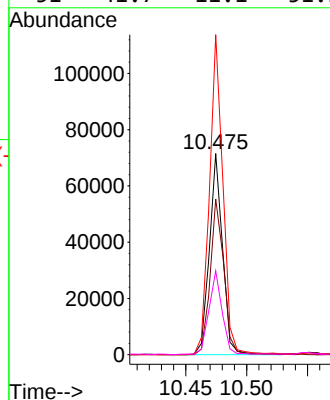
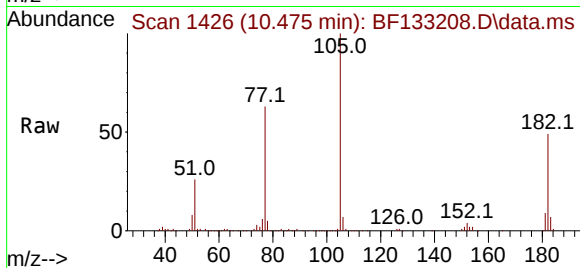
Ion Ratio Lower Upper

77 100

182 77.4 5.9 45.9#

105 159.1 2.3 42.3#

51 41.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

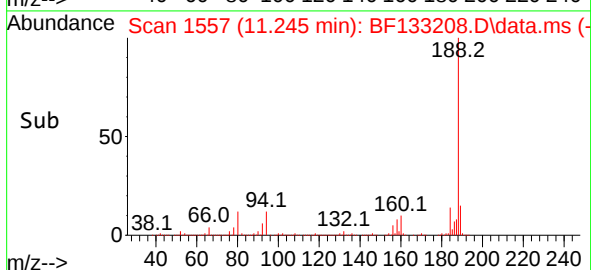
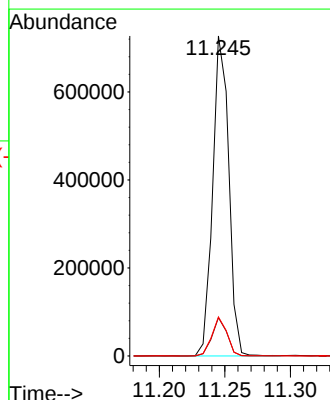
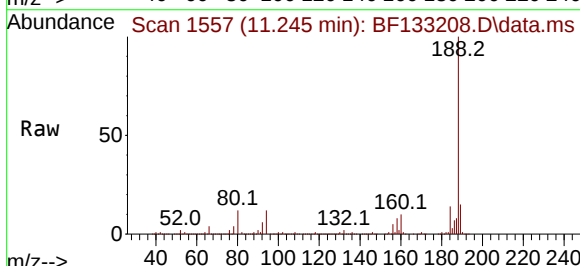
Tgt Ion: 188 Resp: 619986

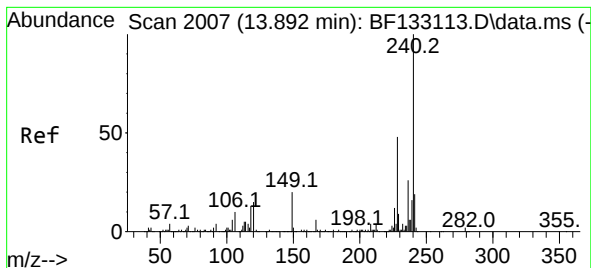
Ion Ratio Lower Upper

188 100

94 11.9 9.7 14.5

80 12.2 10.4 15.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Instrument :

BNA_F

ClientSampleId :

CF-22

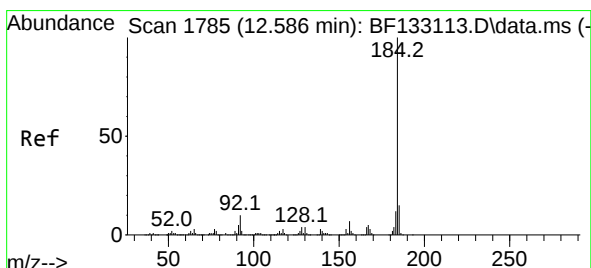
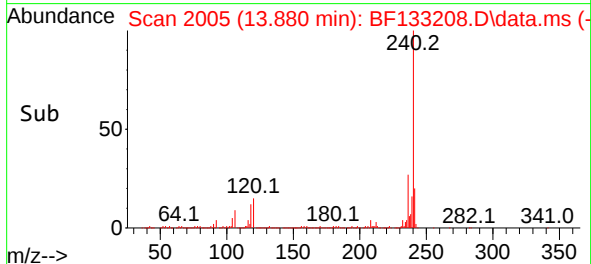
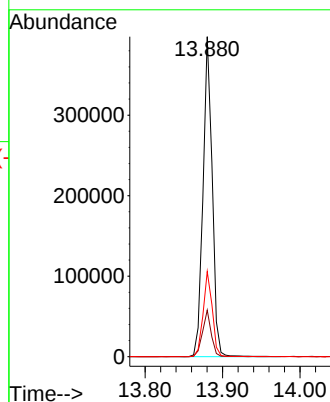
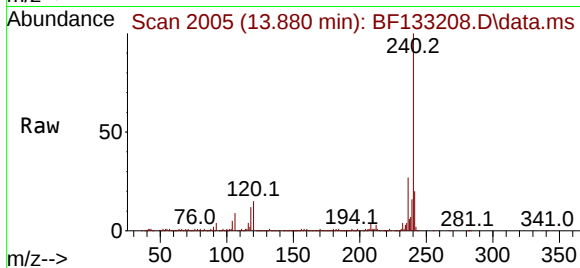
Tgt Ion:240 Resp: 327456

Ion Ratio Lower Upper

240 100

120 14.5 10.5 15.7

236 26.6 21.5 32.3



#77

Benzdine

Concen: 2.775 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.253 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

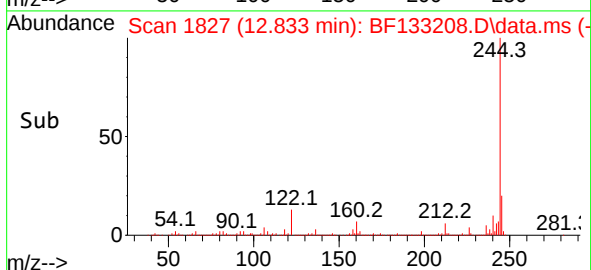
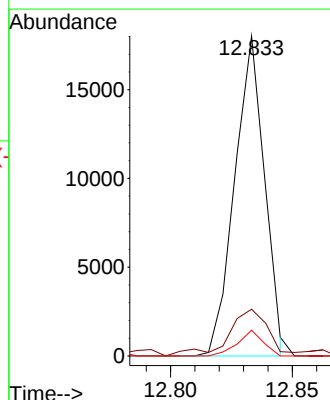
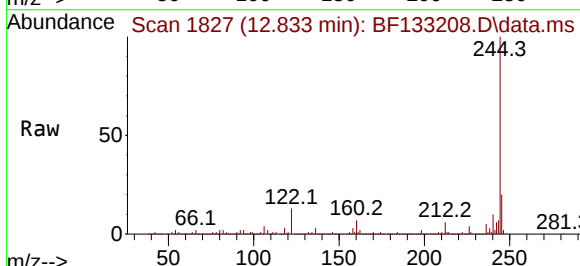
Tgt Ion:184 Resp: 15366

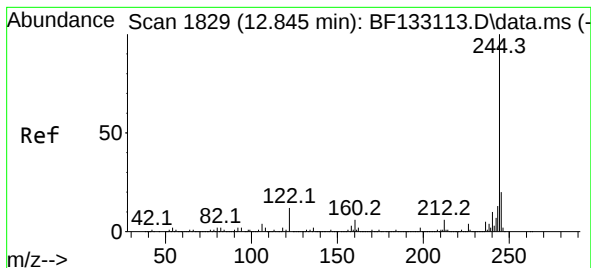
Ion Ratio Lower Upper

184 100

185 14.6 15.4 23.2#

183 8.0 9.4 14.0#





#79

Terphenyl-d14

Concen: 63.714 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Instrument :

BNA_F

ClientSampleId :

CF-22

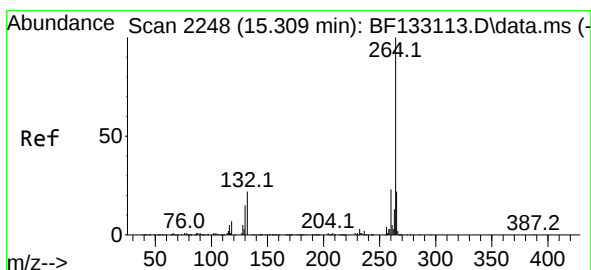
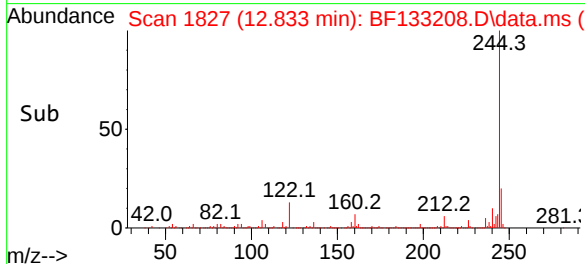
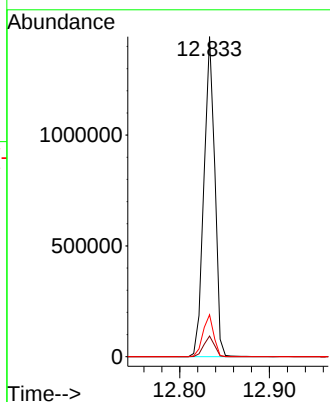
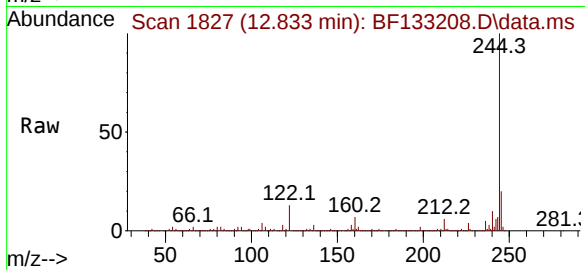
Tgt Ion:244 Resp: 1209712

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 13.1 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.000 min

Lab File: BF133208.D

Acq: 03 May 2023 15:40

Tgt Ion:264 Resp: 387782

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.0 17.0 25.4

