

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128749.D
 Acq On : 09 Jun 2022 16:20
 Operator : CG\JU
 Sample : N3268-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-215(36-38)

Quant Time: Jun 10 03:28:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

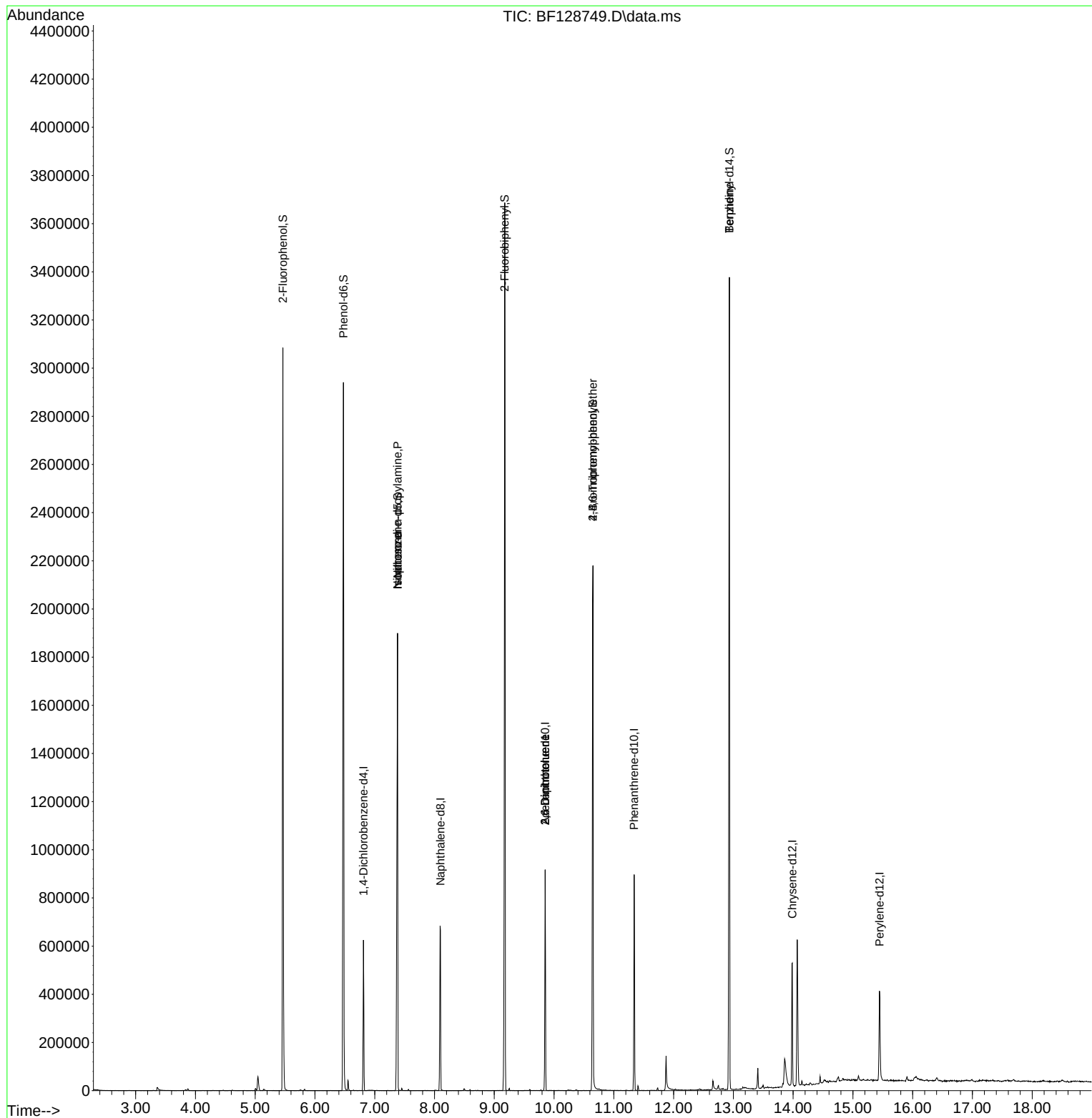
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	77746	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	299241	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	170537	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	304895	20.000	ng	0.00
76) Chrysene-d12	13.986	240	183675	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	169914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	682793	139.888	ng	0.00
7) Phenol-d6	6.475	99	878967	147.525	ng	0.00
23) Nitrobenzene-d5	7.381	82	617781	96.120	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	283668	140.780	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1149219	94.397	ng	0.00
79) Terphenyl-d14	12.933	244	1122129	106.158	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	86959	23.474	ng	# 78
25) Isophorone	7.381	82	615758	63.080	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	22485	9.760	ng	# 26
57) 2,4-Dinitrotoluene	9.851	165	22485	7.313	ng	# 21
67) 4-Bromophenyl-phenylether	10.651	248	18183	5.348	ng	# 1
77) Benzidine	12.933	184	17570	4.799	ng	# 94

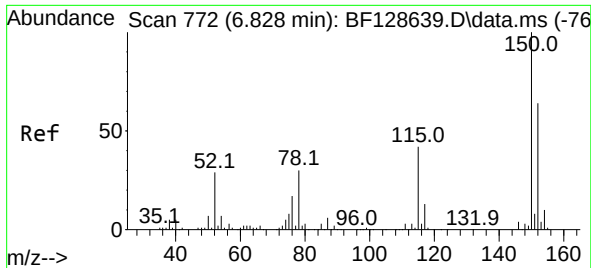
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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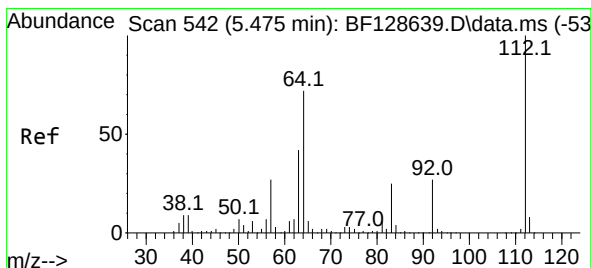
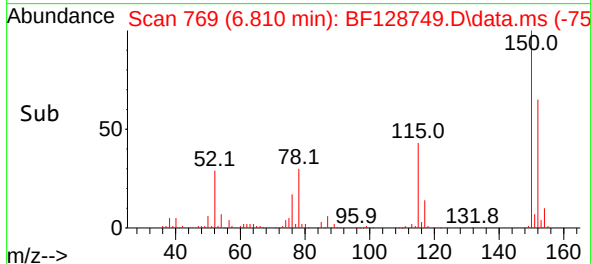
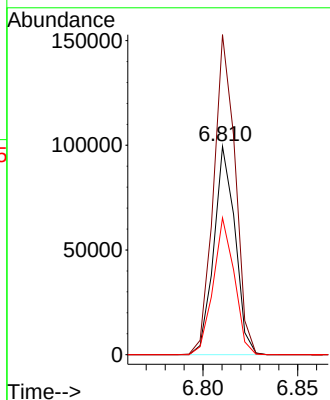
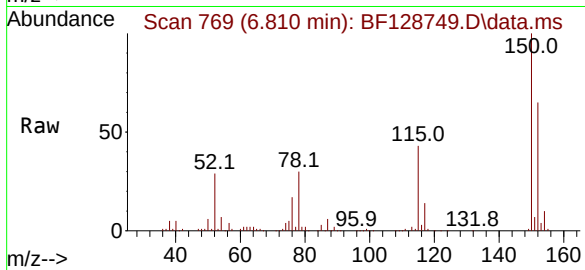




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

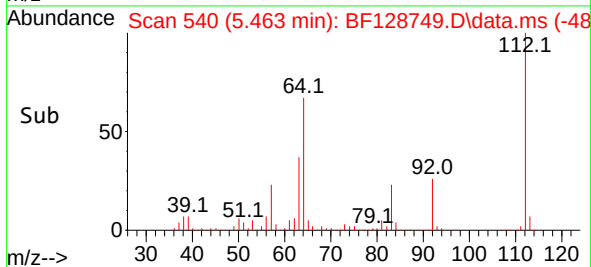
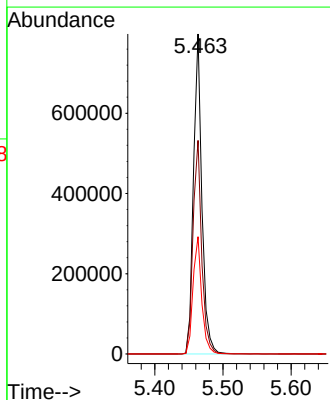
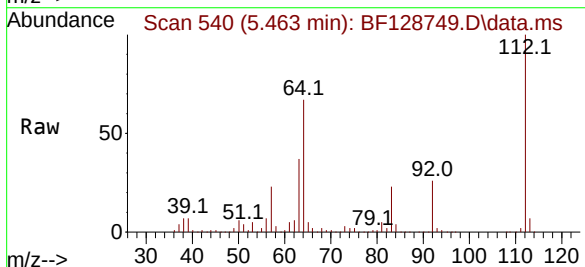
Instrument :
BNA_F
ClientSampleId :
B-215(36-38)

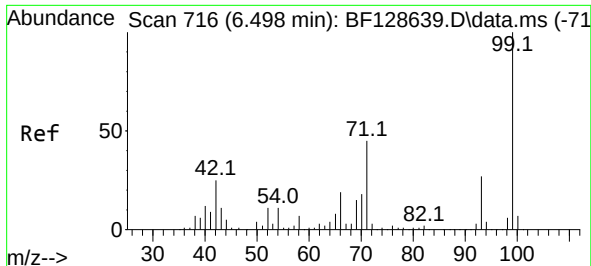
Tgt Ion:152 Resp: 77746
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 65.7 49.9 74.9



#5
2-Fluorophenol
Concen: 139.888 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

Tgt Ion:112 Resp: 682793
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 36.7 28.0 42.0

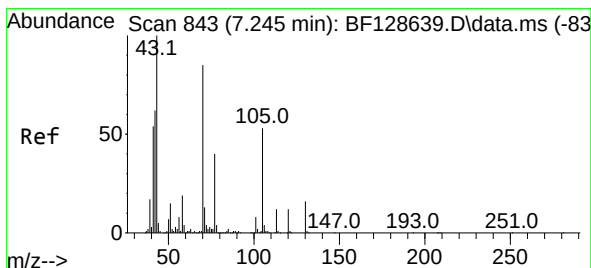
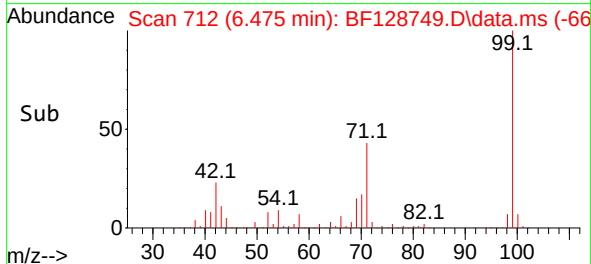
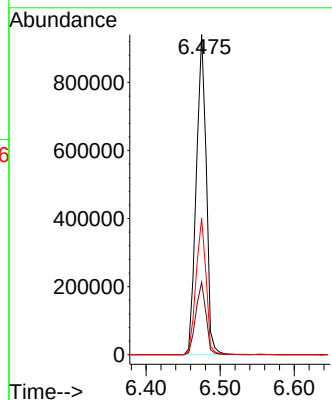
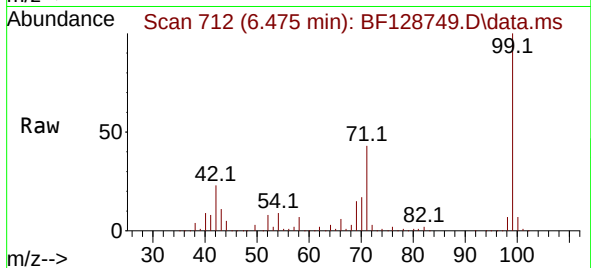




#7
Phenol-d6
Concen: 147.525 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

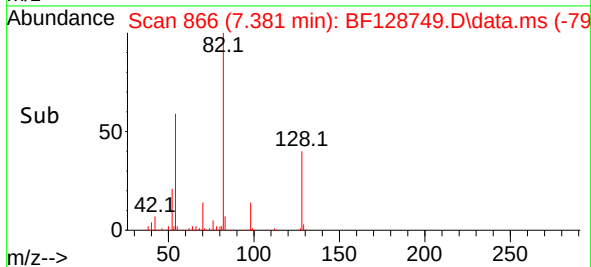
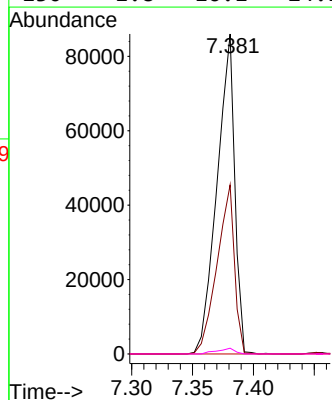
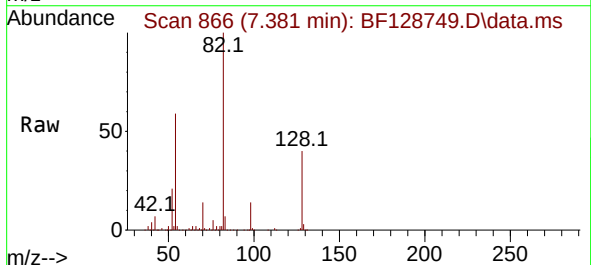
Instrument :
BNA_F
ClientSampleId :
B-215(36-38)

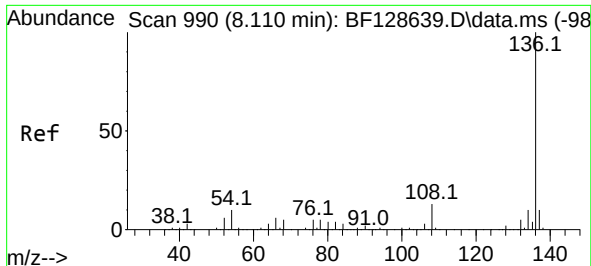
Tgt Ion: 99 Resp: 878967
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 42.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.474 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.147 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

Tgt Ion: 70 Resp: 86959
Ion Ratio Lower Upper
70 100
42 52.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

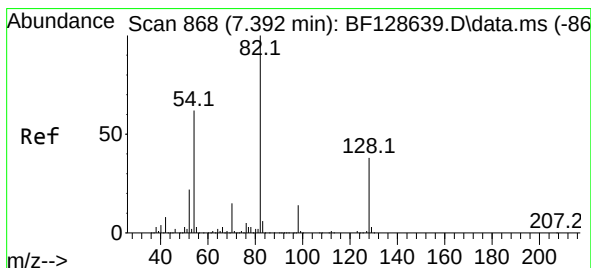
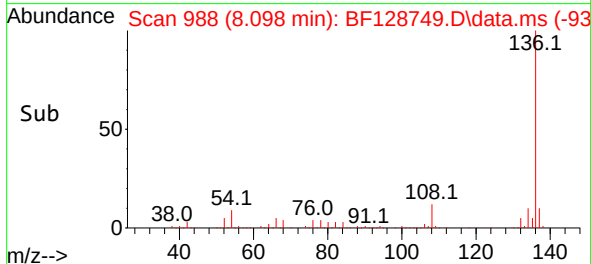
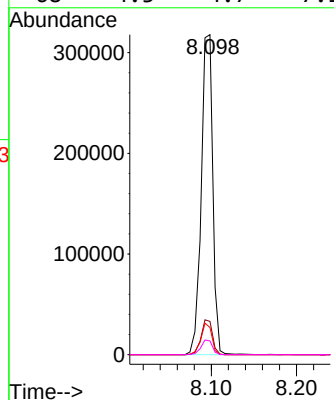
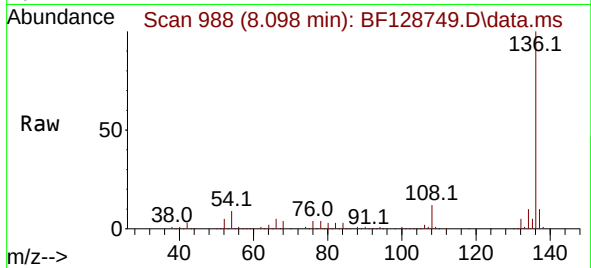




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

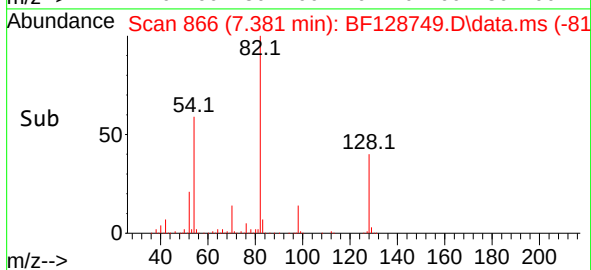
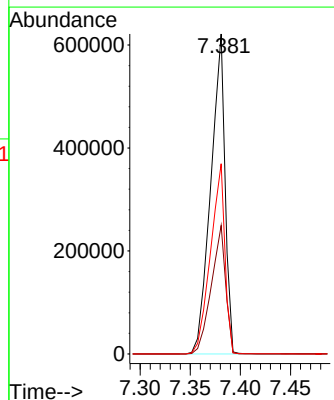
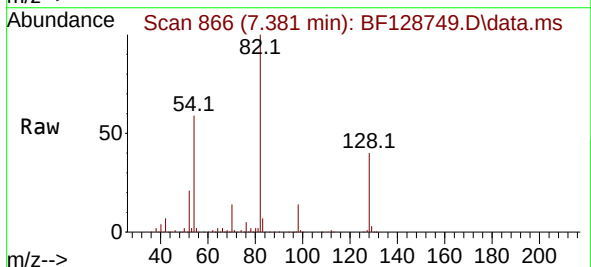
Instrument :
BNA_F
ClientSampleId :
B-215(36-38)

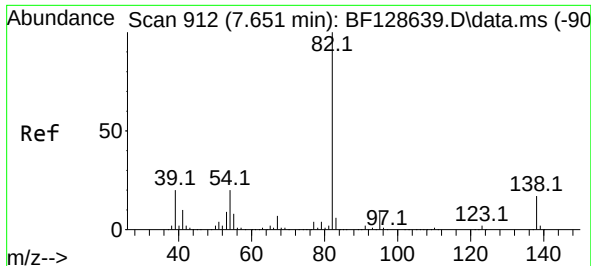
Tgt Ion:	136	Resp:	299241
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.5	7.5	11.3
68	4.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 96.120 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

Tgt Ion:	82	Resp:	617781
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	59.4	46.9	70.3

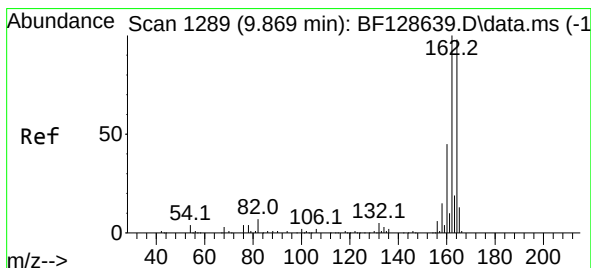
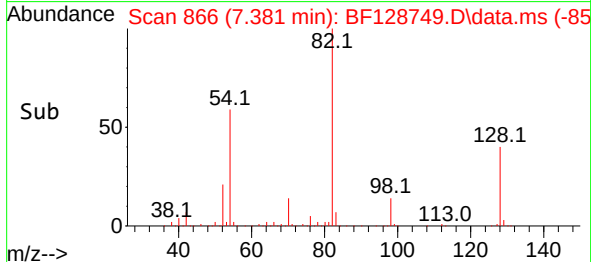
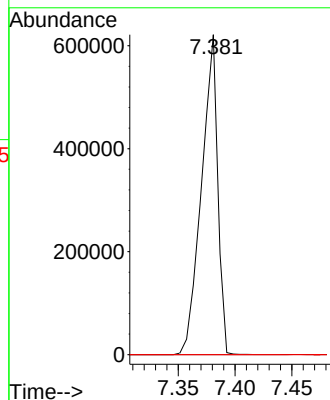
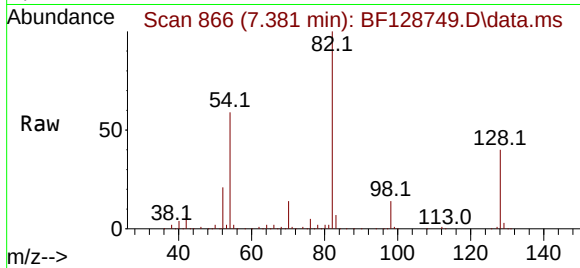




#25
Isophorone
Concen: 63.080 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

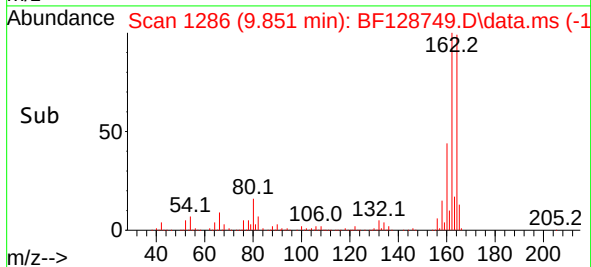
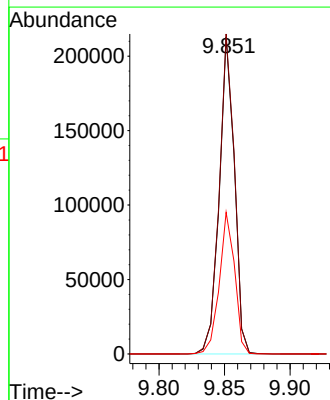
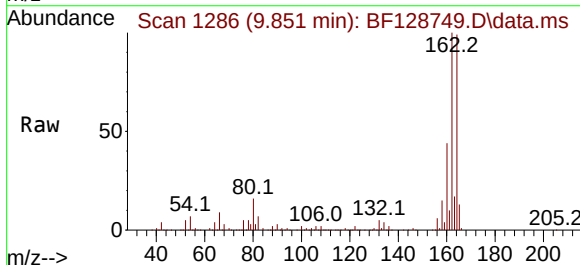
Instrument :
BNA_F
ClientSampleId :
B-215(36-38)

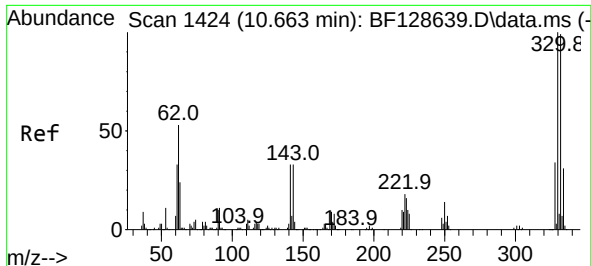
Tgt Ion: 82 Resp: 615758
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

Tgt Ion:164 Resp: 170537
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 140.780 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

Instrument :

BNA_F

ClientSampleId :

B-215(36-38)

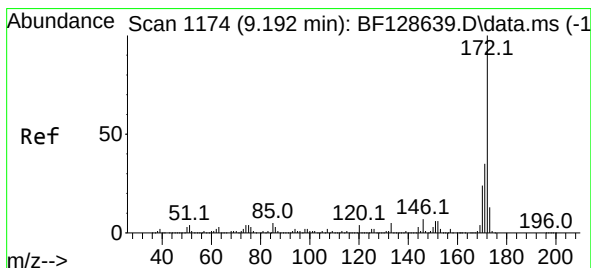
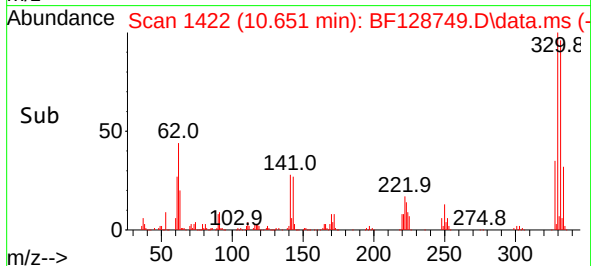
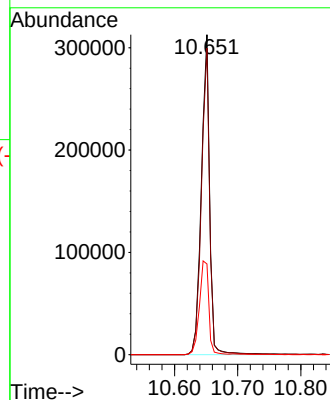
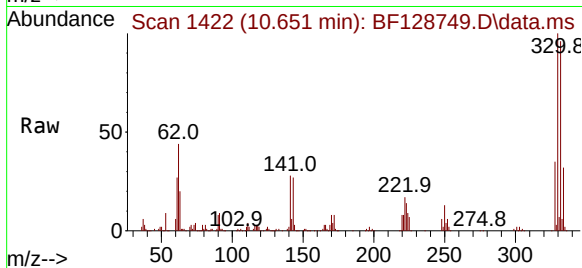
Tgt Ion:330 Resp: 283668

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 33.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 94.397 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

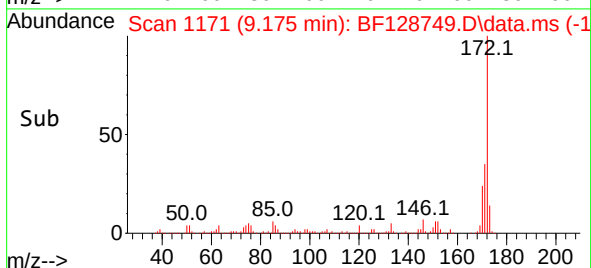
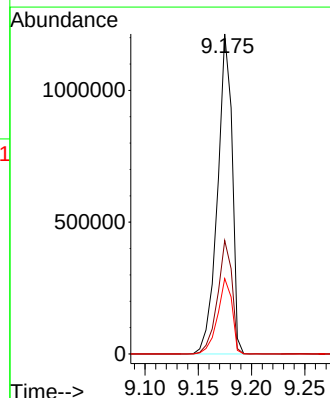
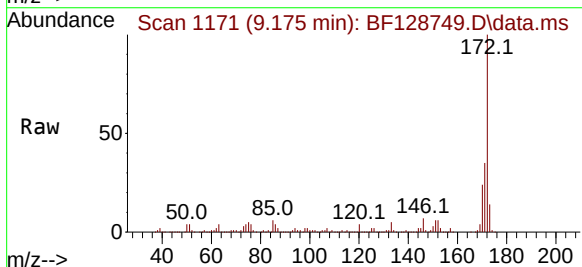
Tgt Ion:172 Resp: 1149219

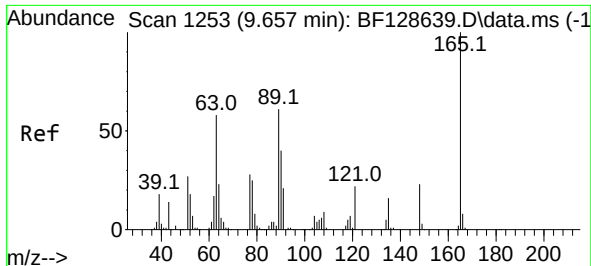
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.8 29.8

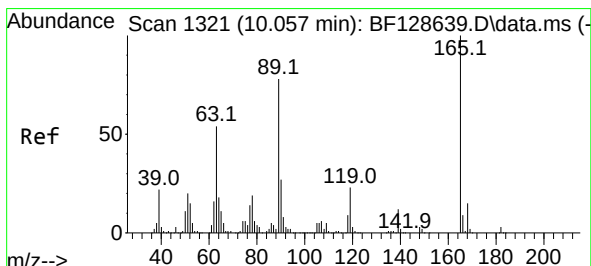
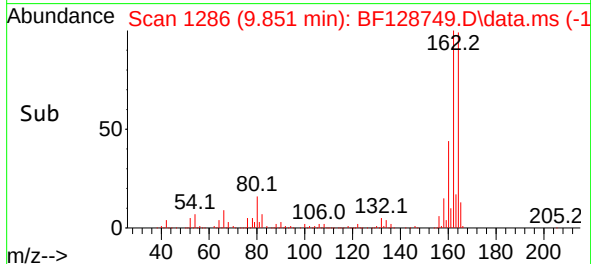
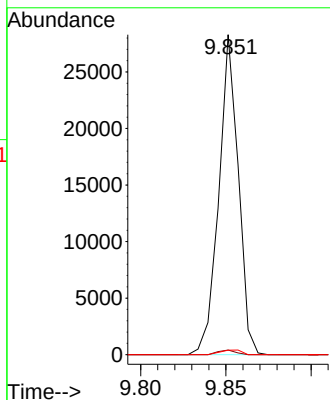
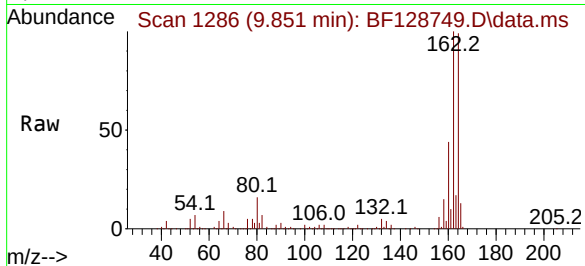




#51
2,6-Dinitrotoluene
Concen: 9.760 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

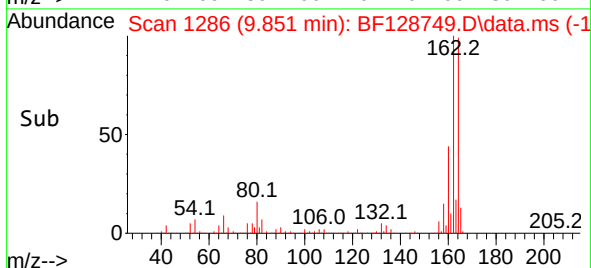
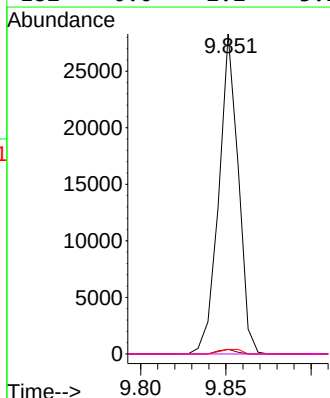
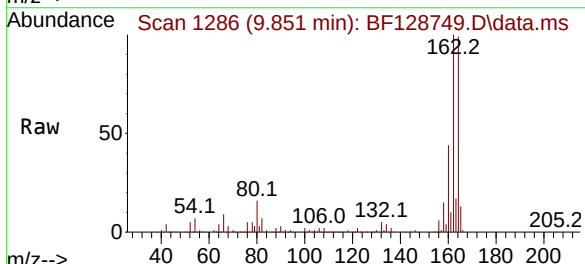
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B-215(36-38)

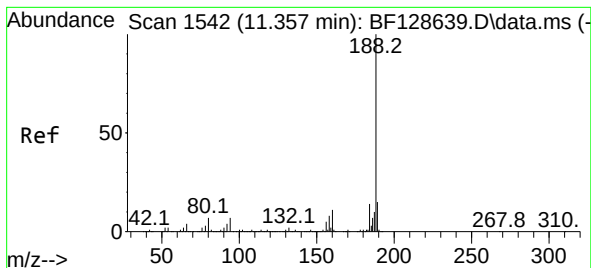
Tgt Ion:165 Resp: 22485
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.313 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.194 min
Lab File: BF128749.D
Acq: 09 Jun 2022 16:20

Tgt Ion:165 Resp: 22485
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

Instrument :

BNA_F

ClientSampleId :

B-215(36-38)

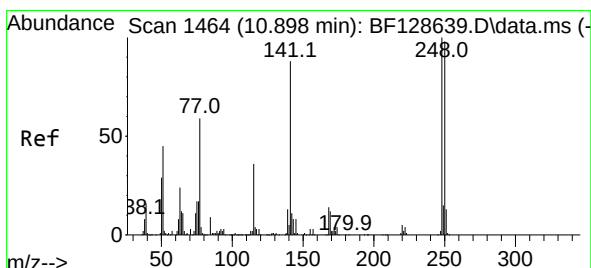
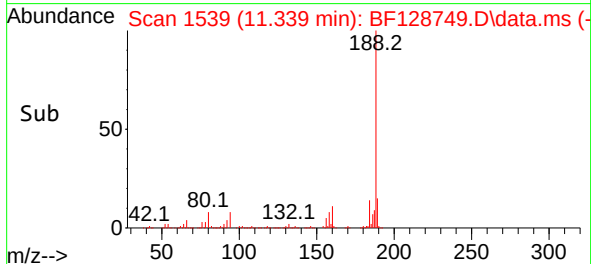
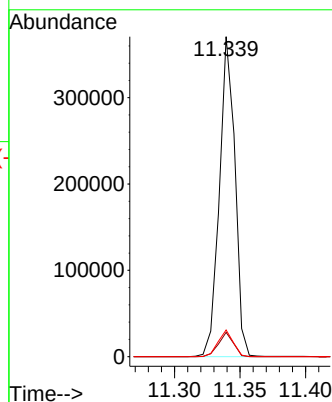
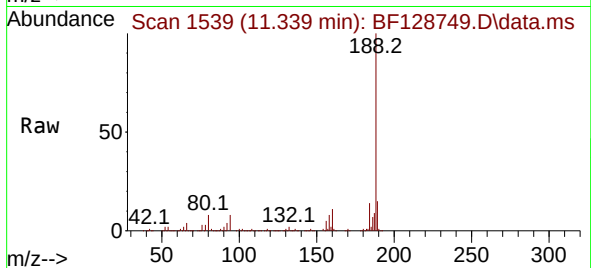
Tgt Ion:188 Resp: 304895

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 8.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.348 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.235 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

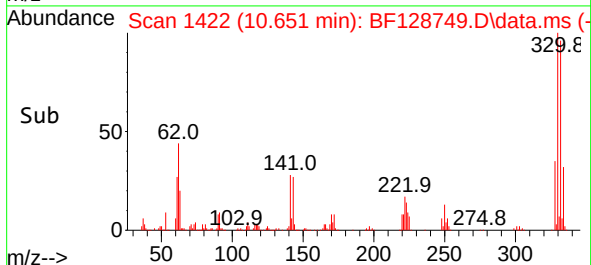
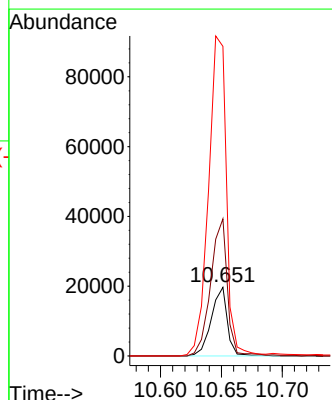
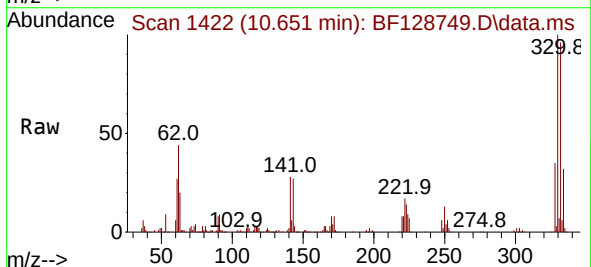
Tgt Ion:248 Resp: 18183

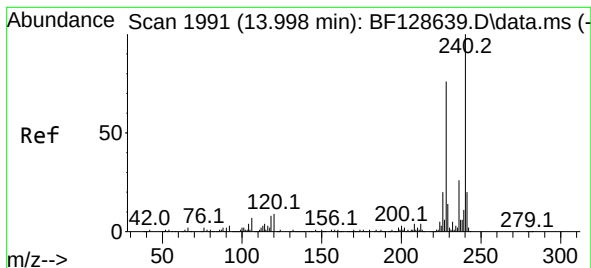
Ion Ratio Lower Upper

248 100

250 199.6 80.6 120.8#

141 450.4 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

Instrument :

BNA_F

ClientSampleId :

B-215(36-38)

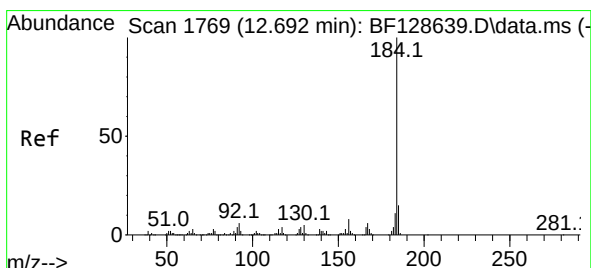
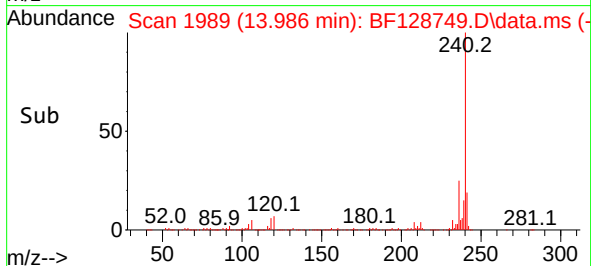
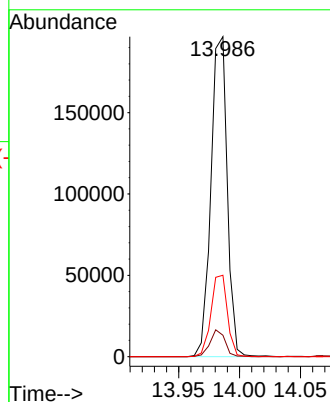
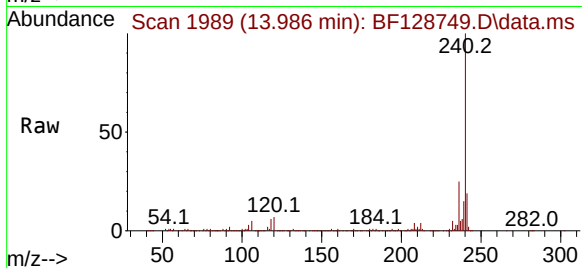
Tgt Ion:240 Resp: 183675

Ion Ratio Lower Upper

240 100

120 6.7 8.9 13.3#

236 25.4 20.8 31.2



#77

Benzidine

Concen: 4.799 ng

RT: 12.933 min Scan# 1810

Delta R.T. 0.253 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

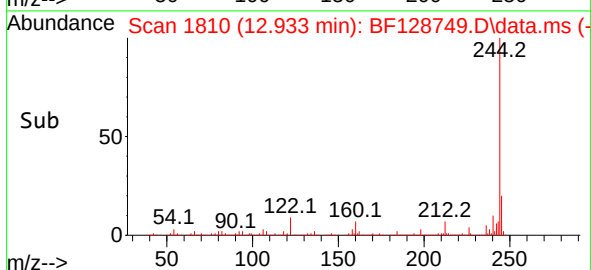
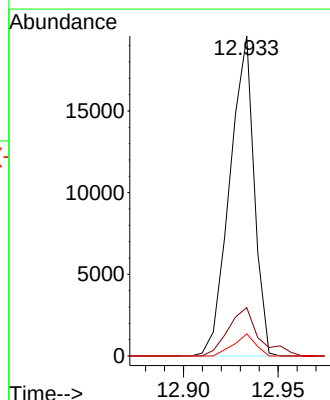
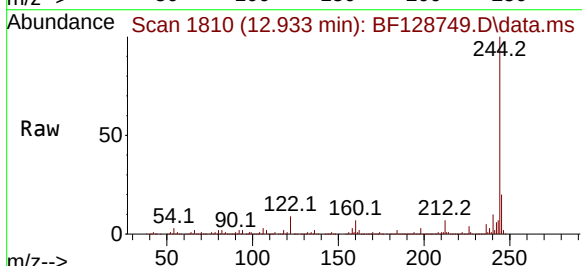
Tgt Ion:184 Resp: 17570

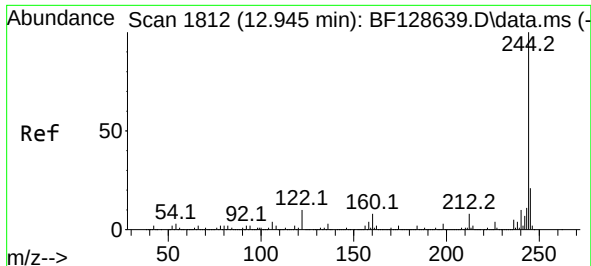
Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 6.9 9.3 13.9#

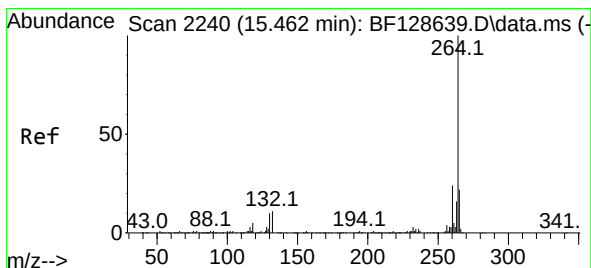
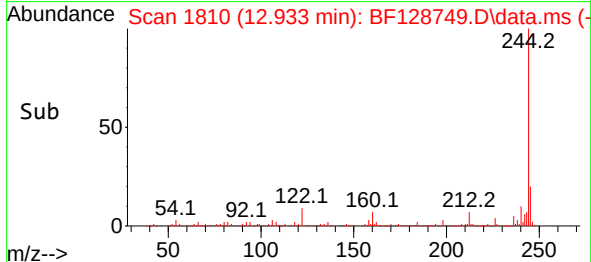
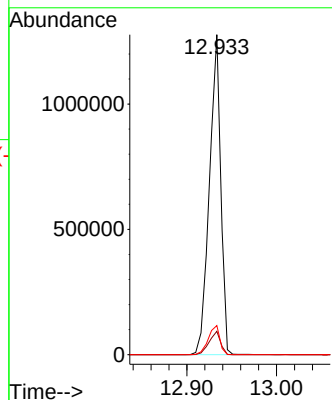
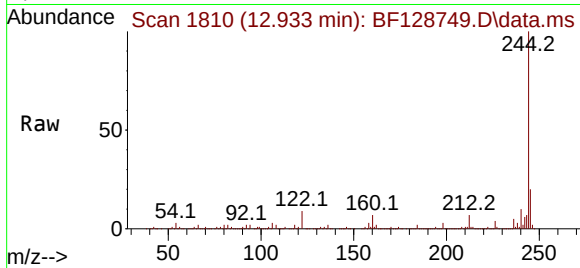




#79
 Terphenyl-d14
 Concen: 106.158 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128749.D
 Acq: 09 Jun 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 B-215(36-38)

Tgt Ion:244 Resp: 1122129
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2237
 Delta R.T. -0.000 min
 Lab File: BF128749.D
 Acq: 09 Jun 2022 16:20

Tgt Ion:264 Resp: 169914
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.1 17.2 25.8

