

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128216.D
 Acq On : 12 May 2022 13:31
 Operator : CG\JU
 Sample : PB144653TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

Quant Time: May 13 05:14:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

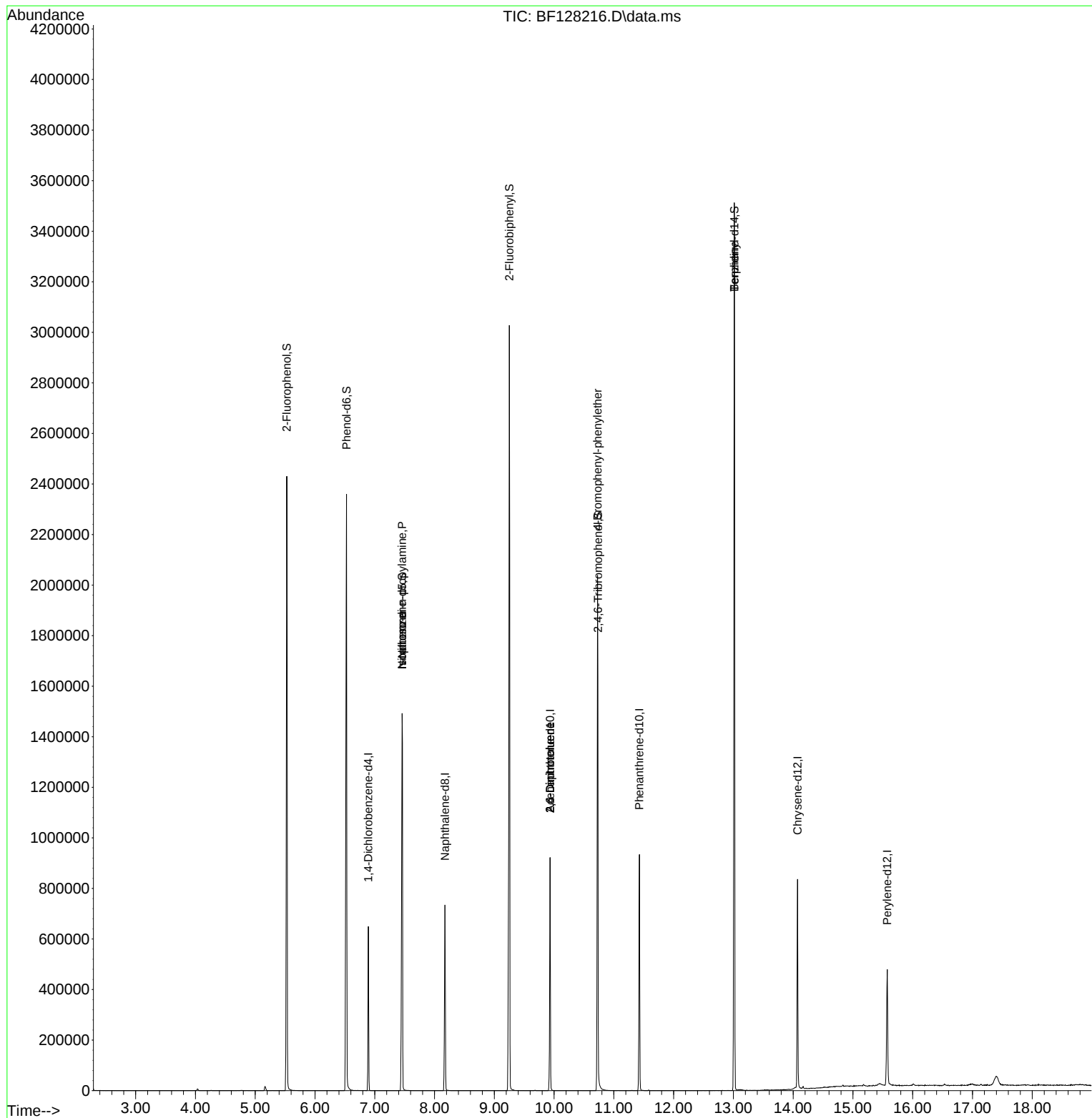
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80986	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	319953	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	184979	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	347869	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	279031	20.000	ng	0.00
86) Perylene-d12	15.574	264	224976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	653558	128.647	ng	0.01
7) Phenol-d6	6.528	99	842438	125.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	629486	88.528	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	264060	124.470	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1056557	89.372	ng	0.00
79) Terphenyl-d14	13.015	244	1297156	87.231	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	1501	Below Cal	Qvalue # 3	
19) n-Nitroso-di-n-propyla...	7.457	70	85627	20.693	ng	# 78
25) Isophorone	7.457	82	627440	56.284	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	23871	9.116	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	23871	6.818	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	15338	4.098	ng	# 1
77) Benizidine	13.015	184	18869	3.122	ng	# 94

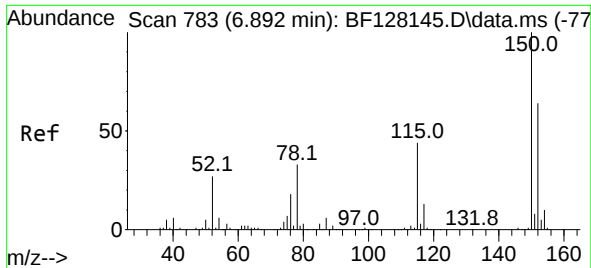
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
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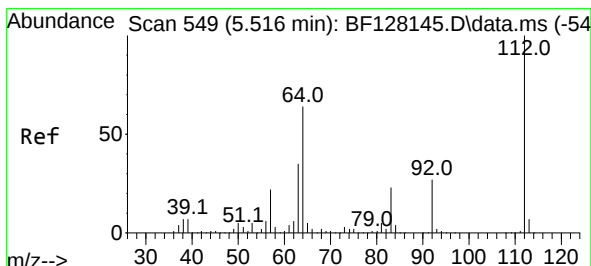
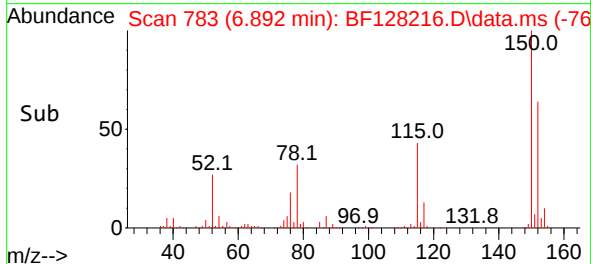
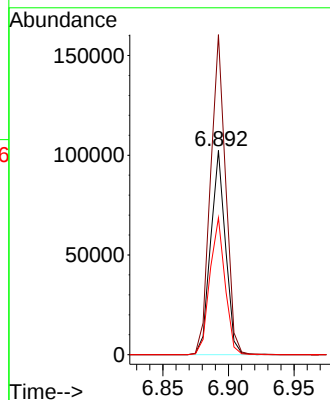
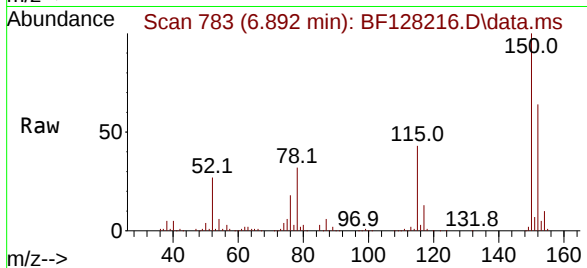




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

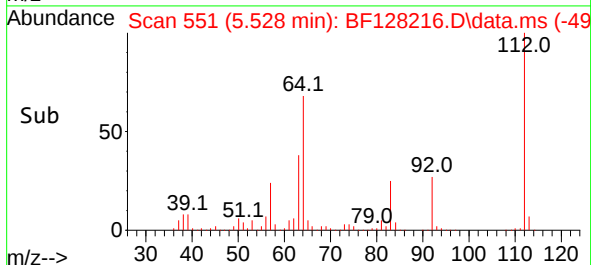
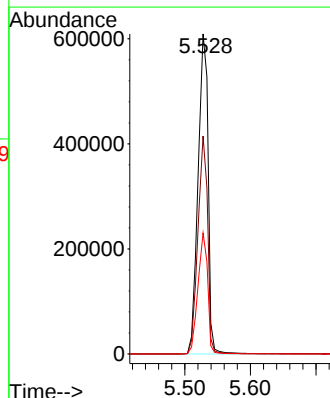
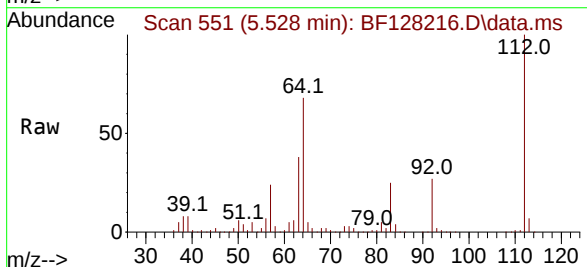
Instrument :
BNA_F
ClientSampleId :
PB144653TB

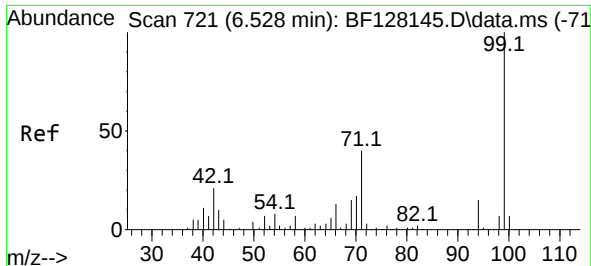
Tgt Ion:152 Resp: 80986
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 67.0 48.8 73.2



#5
2-Fluorophenol
Concen: 128.647 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion:112 Resp: 653558
Ion Ratio Lower Upper
112 100
64 68.1 49.5 74.3
63 37.8 26.3 39.5

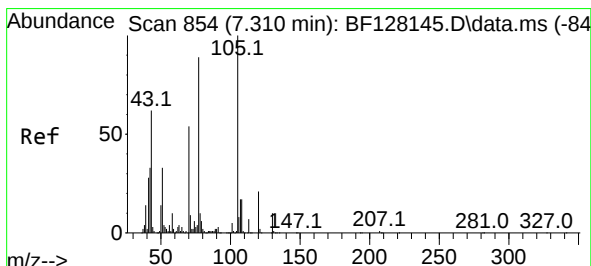
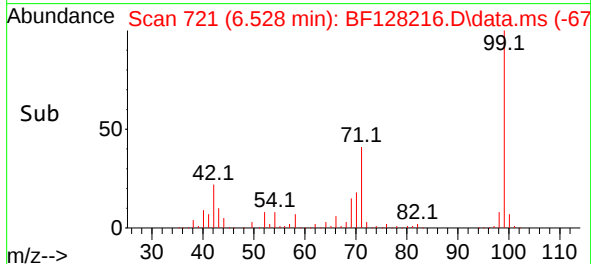
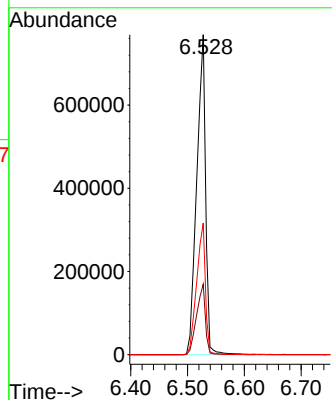
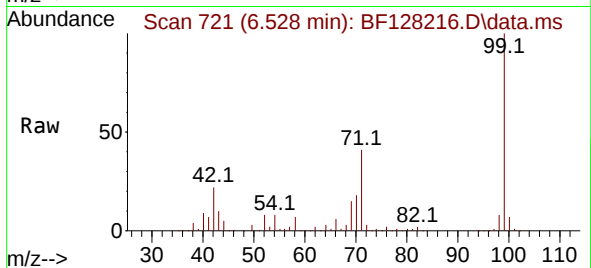




#7
Phenol-d6
Concen: 125.374 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

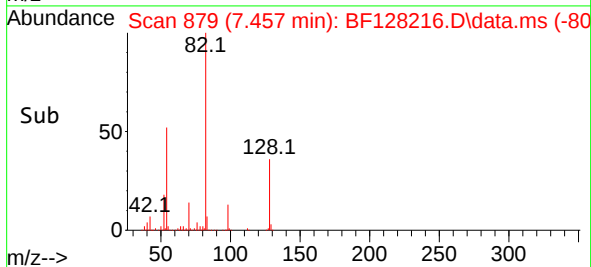
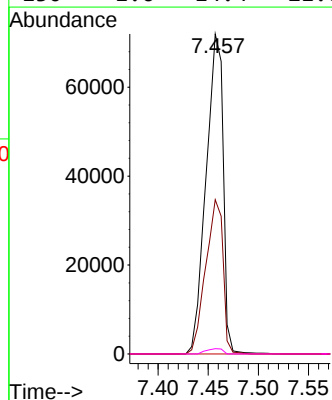
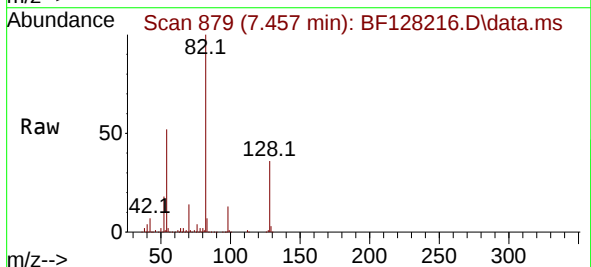
Instrument :
BNA_F
ClientSampleId :
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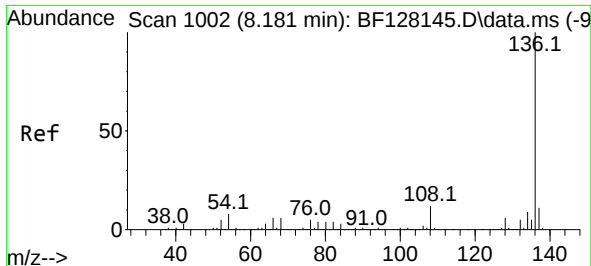
Tgt Ion: 99 Resp: 842438
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.693 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion: 70 Resp: 85627
Ion Ratio Lower Upper
70 100
42 48.2 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



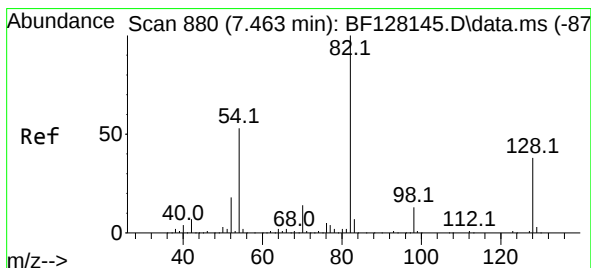
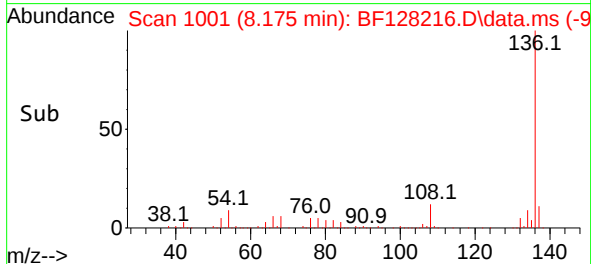
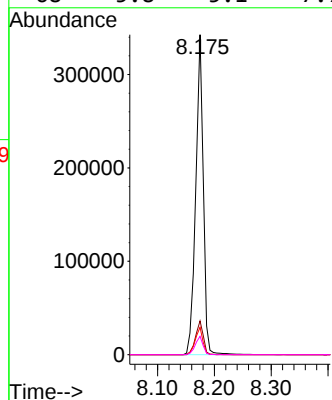
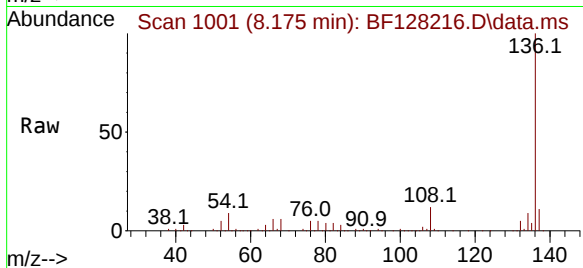


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Instrument :
BNA_F
ClientSampleId :
PB144653TB

Tgt Ion:136 Resp: 319953

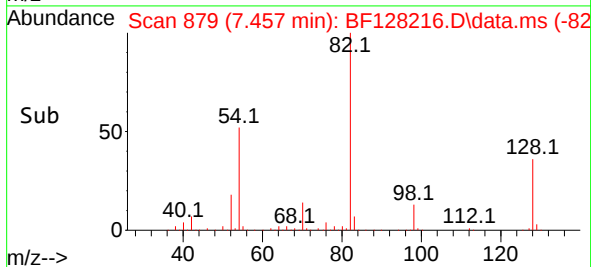
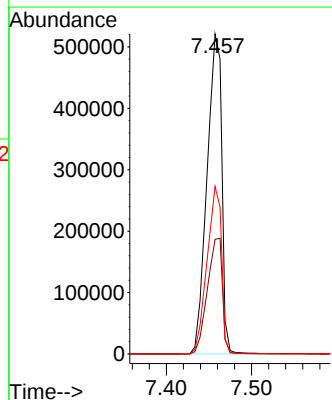
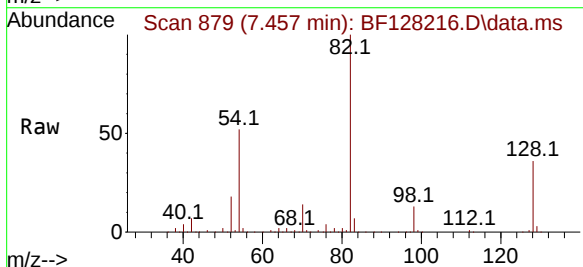
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	6.8	10.2
68	5.8	5.1	7.7

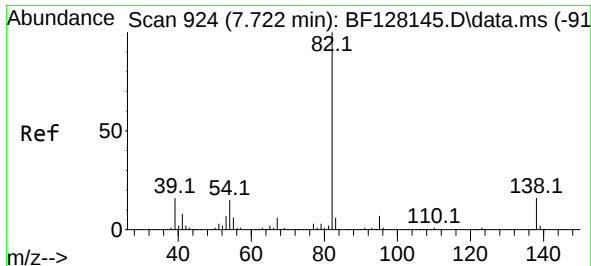


#23
Nitrobenzene-d5
Concen: 88.528 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion: 82 Resp: 629486

Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.0	45.0
54	52.3	41.3	61.9

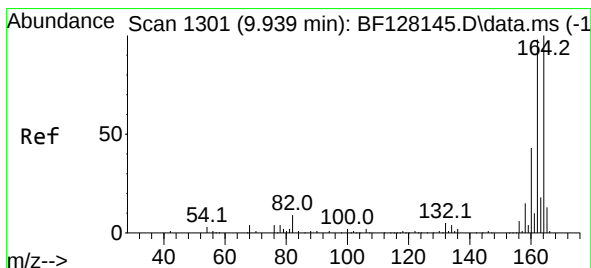
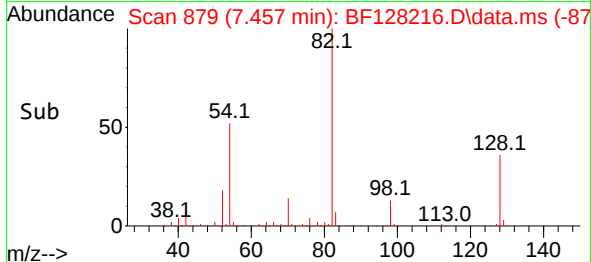
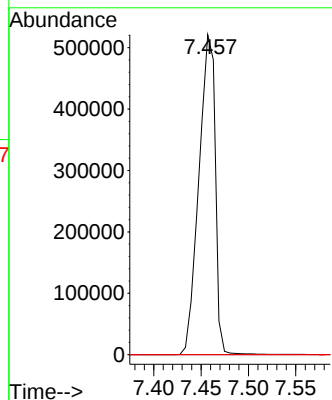
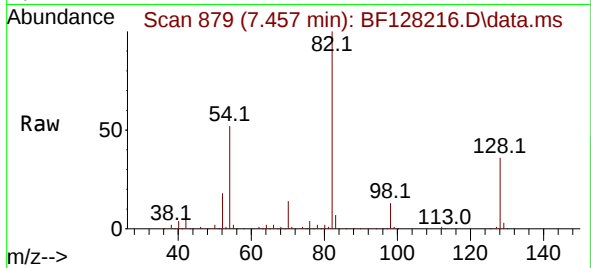




#25
Isophorone
Concen: 56.284 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

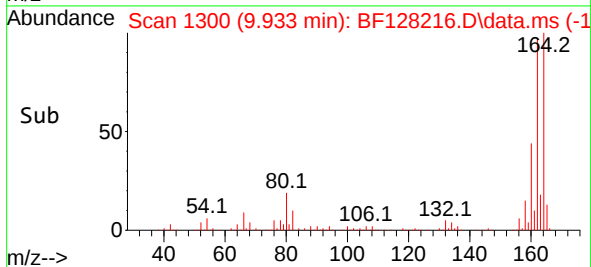
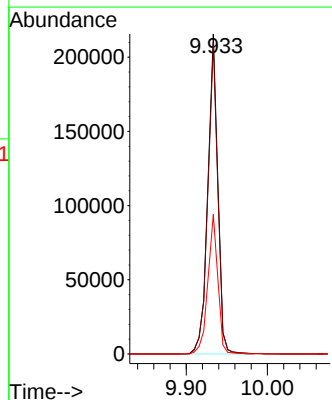
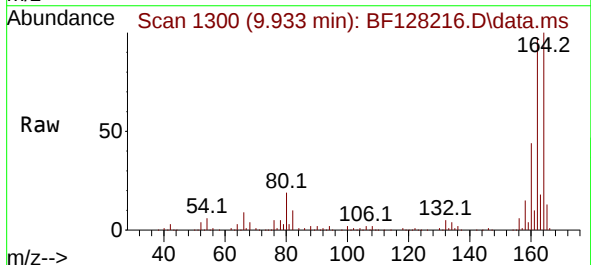
Instrument :
BNA_F
ClientSampleId :
PB144653TB

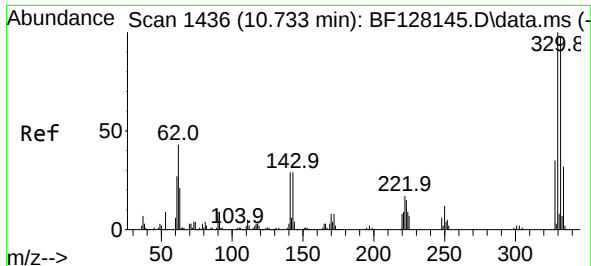
Tgt Ion: 82 Resp: 627440
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion:164 Resp: 184979
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 124.470 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF128216.D

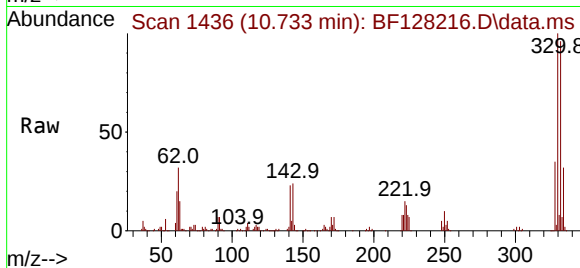
Acq: 12 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144653TB



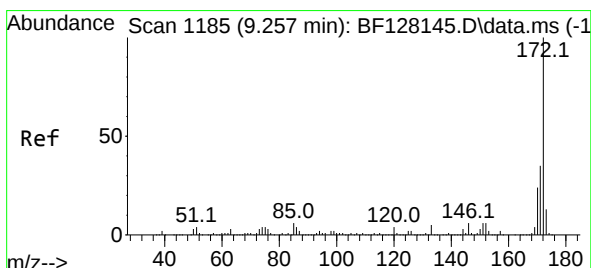
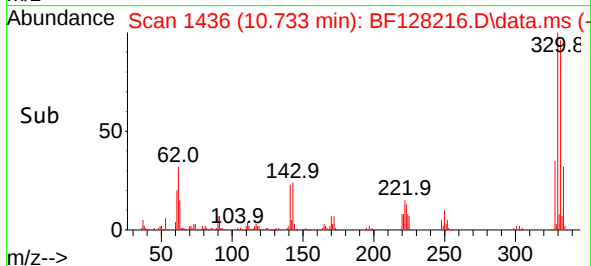
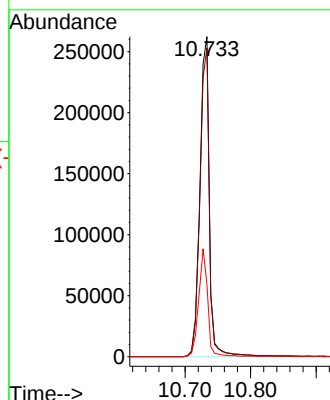
Tgt Ion:330 Resp: 264060

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 32.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 89.372 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128216.D

Acq: 12 May 2022 13:31

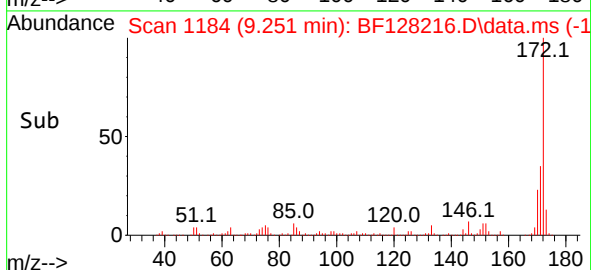
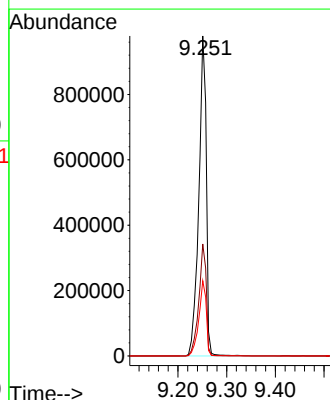
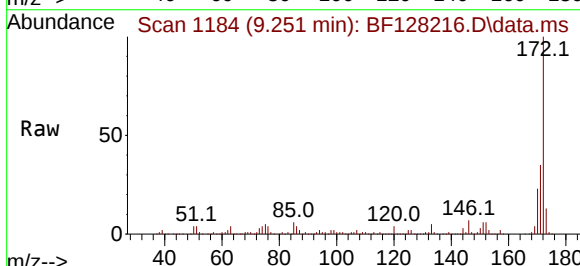
Tgt Ion:172 Resp: 1056557

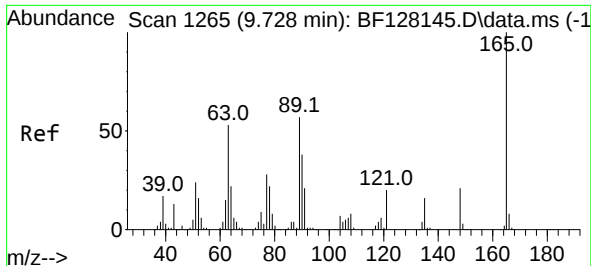
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

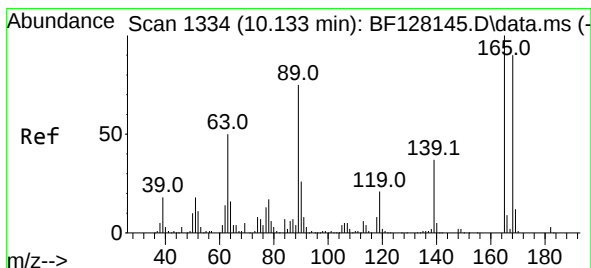
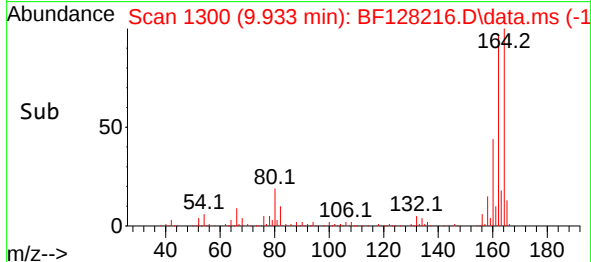
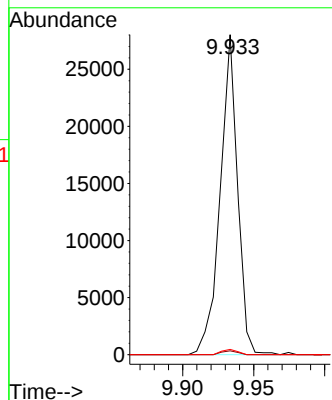
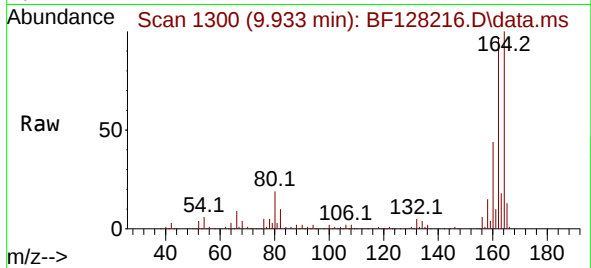




#51
2,6-Dinitrotoluene
Concen: 9.116 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

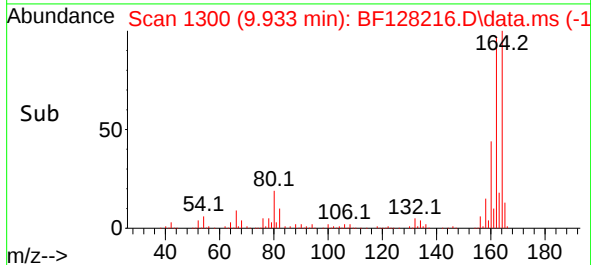
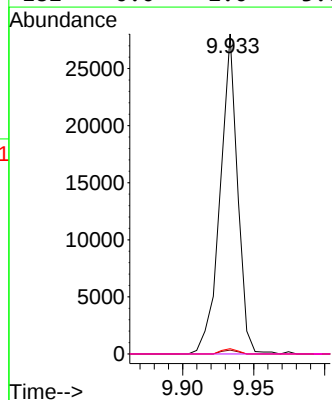
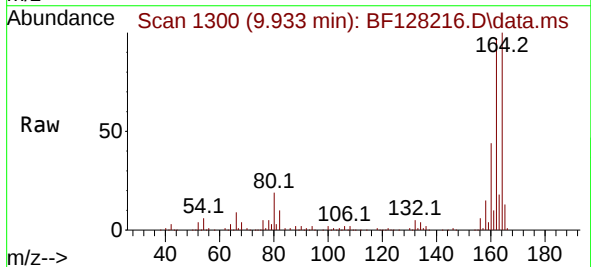
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PB144653TB

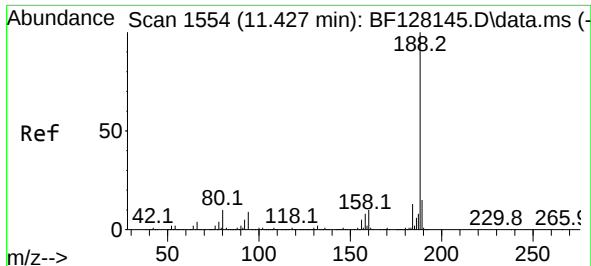
Tgt Ion:165 Resp: 23871
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion:165 Resp: 23871
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

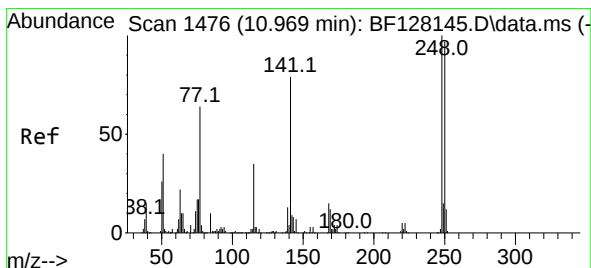
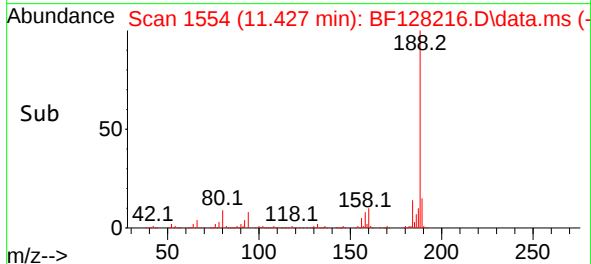
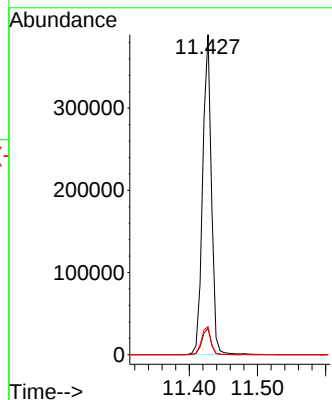
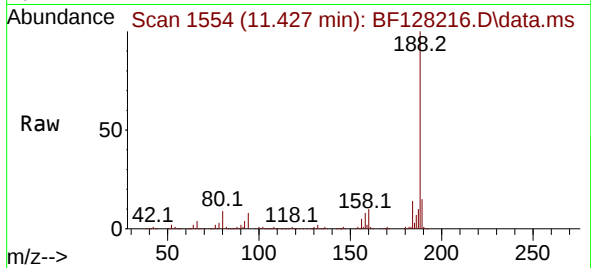




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

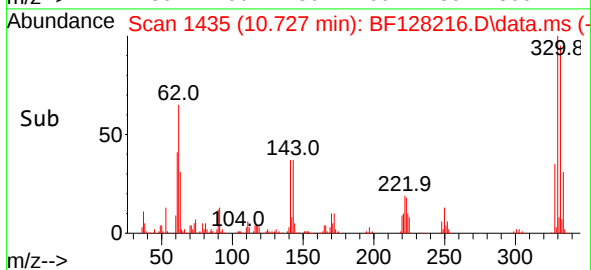
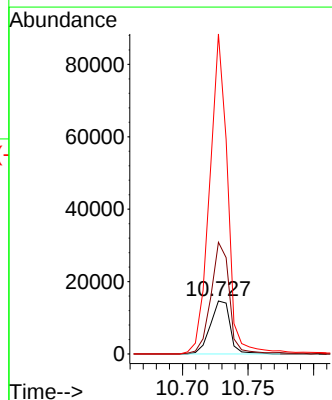
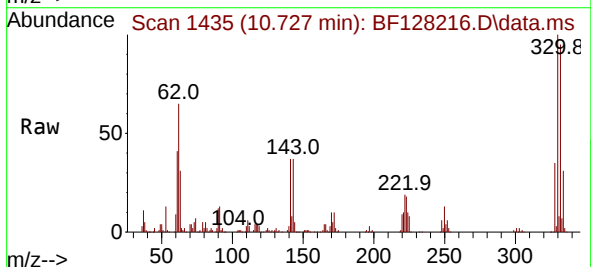
Instrument :
BNA_F
ClientSampleId :
PB144653TB

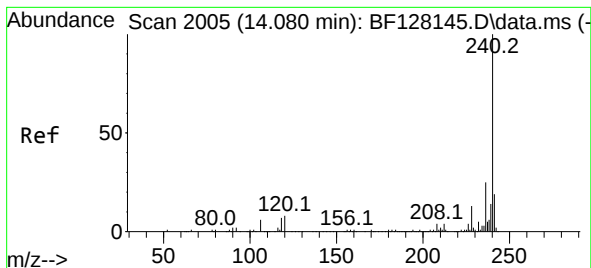
Tgt Ion:188 Resp: 347869
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.7 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.098 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion:248 Resp: 15338
Ion Ratio Lower Upper
248 100
250 210.8 77.7 116.5#
141 603.7 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF128216.D

Acq: 12 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144653TB

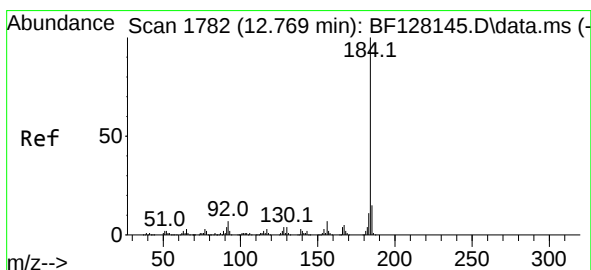
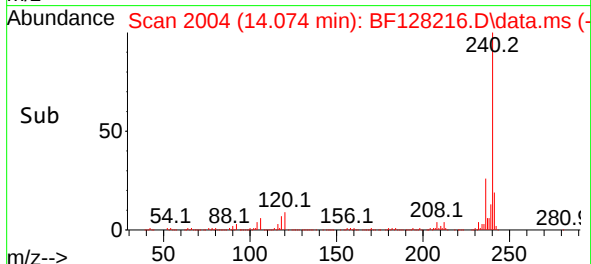
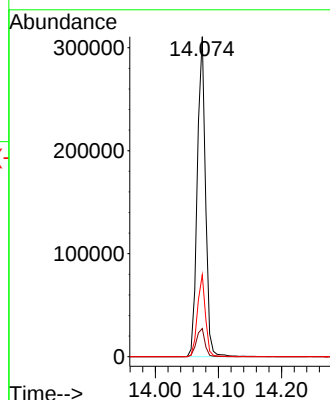
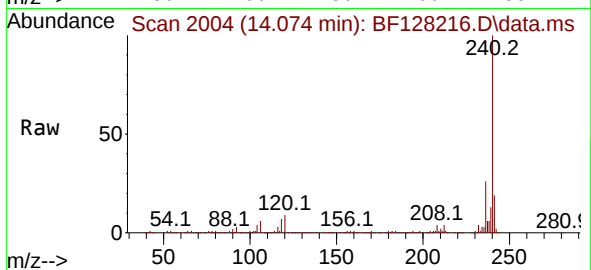
Tgt Ion:240 Resp: 279031

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 25.6 20.3 30.5



#77

Benzidine

Concen: 3.122 ng

RT: 13.015 min Scan# 1824

Delta R.T. 0.247 min

Lab File: BF128216.D

Acq: 12 May 2022 13:31

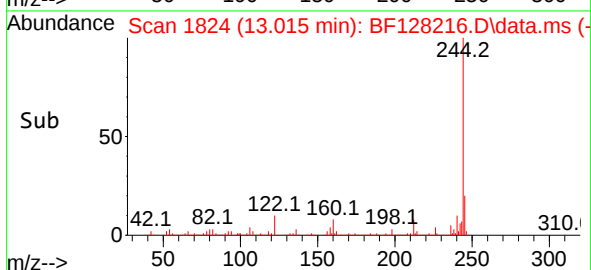
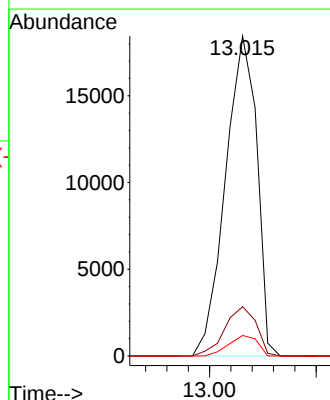
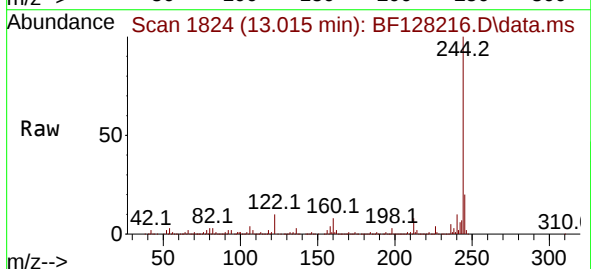
Tgt Ion:184 Resp: 18869

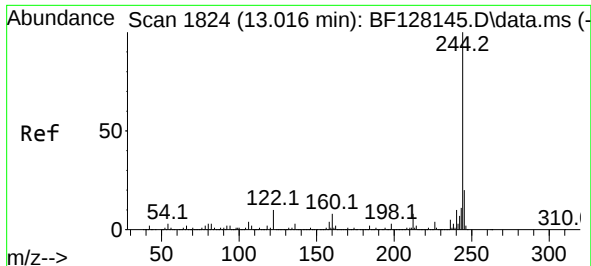
Ion Ratio Lower Upper

184 100

185 15.4 12.1 18.1

183 6.4 9.0 13.4#

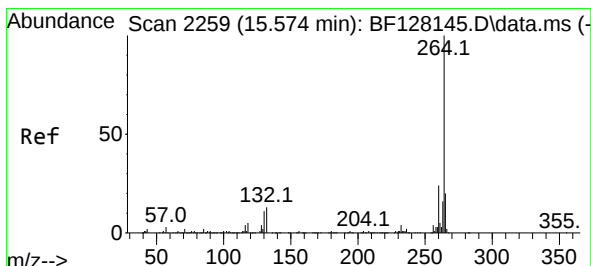
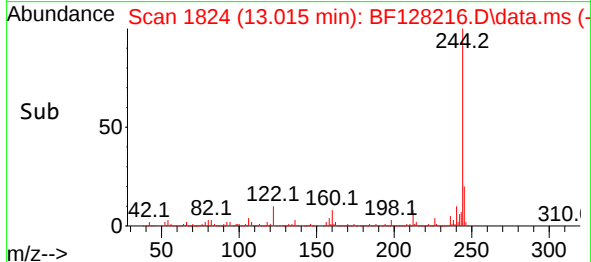
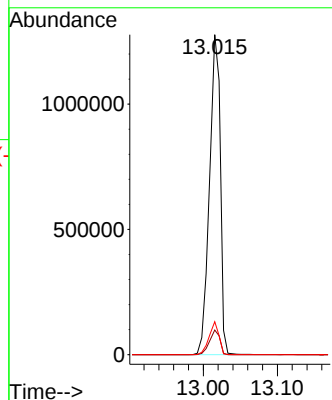
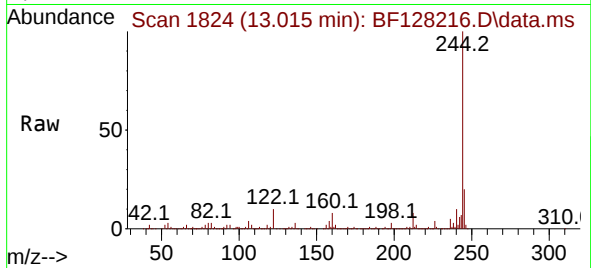




#79
 Terphenyl-d14
 Concen: 87.231 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128216.D
 Acq: 12 May 2022 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

Tgt Ion:244 Resp: 1297156
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.000 min
 Lab File: BF128216.D
 Acq: 12 May 2022 13:31

Tgt Ion:264 Resp: 224976
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.7 17.5 26.3

