

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128344.D
 Acq On : 19 May 2022 18:57
 Operator : CG\JU
 Sample : N2864-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-1824-01

Quant Time: May 20 02:46:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

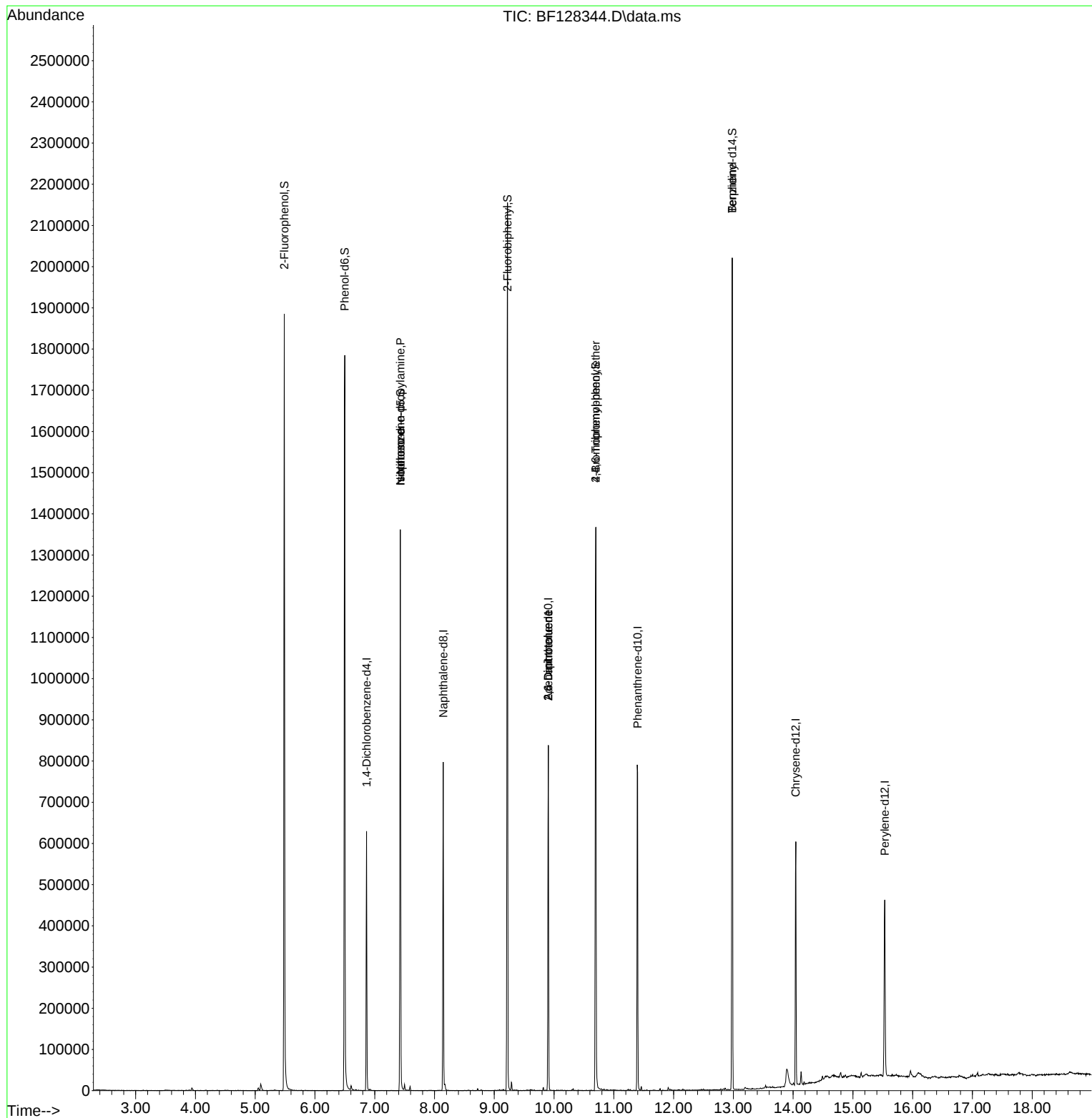
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79867	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	311296	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	167926	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	299425	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	201104	20.000	ng	-0.01
86) Perylene-d12	15.533	264	190385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	451304	90.080	ng	0.00
7) Phenol-d6	6.498	99	581137	87.698	ng	-0.01
23) Nitrobenzene-d5	7.428	82	413440	59.761	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	157655	81.860	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	638605	59.504	ng	-0.01
79) Terphenyl-d14	12.980	244	635980	59.341	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	933	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	56145	13.758	ng	# 79
25) Isophorone	7.428	82	413435	38.118	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	21636	9.102	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	21636	6.807	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	10018	3.110	ng	# 1
77) Benizidine	12.980	184	9326	2.141	ng	# 93

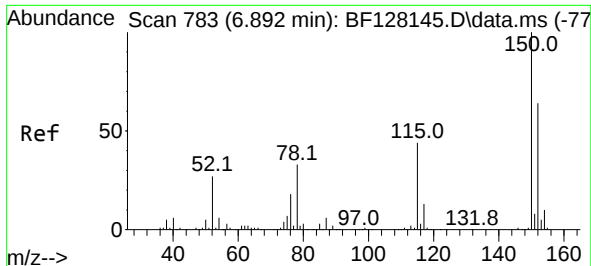
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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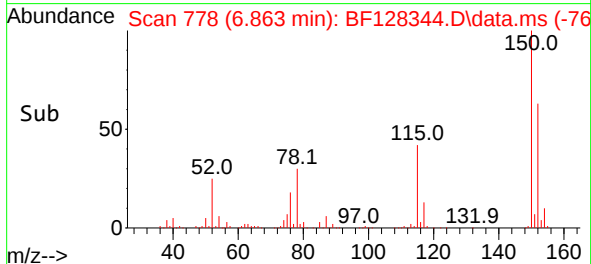
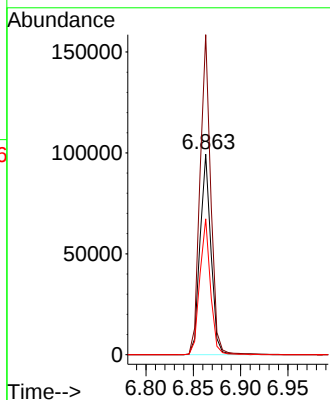
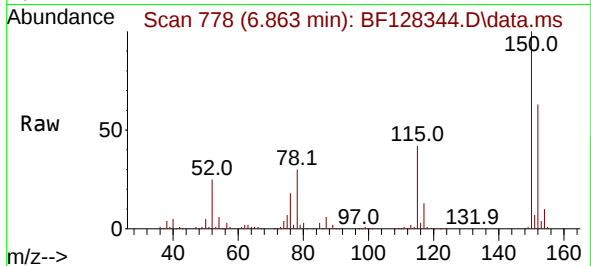




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

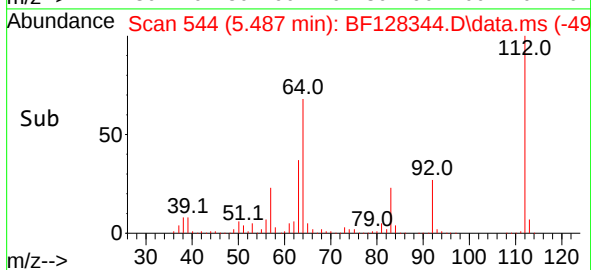
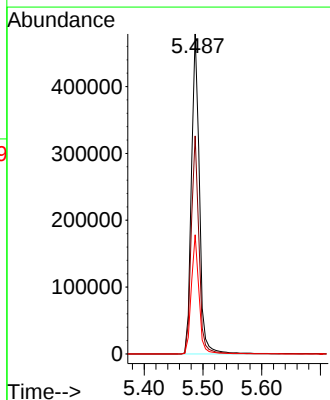
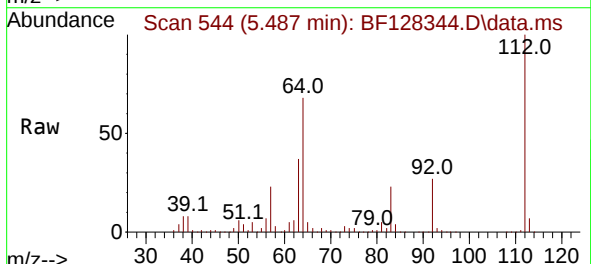
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1824-01

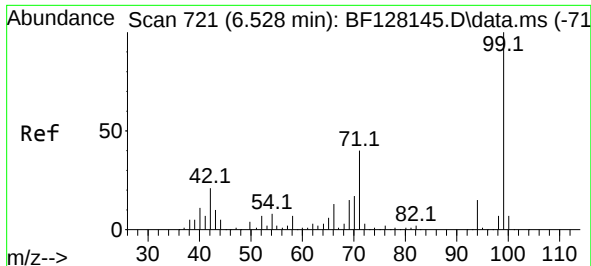
Tgt Ion:152 Resp: 79867
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 67.8 48.8 73.2



#5
2-Fluorophenol
Concen: 90.080 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion:112 Resp: 451304
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 37.3 26.3 39.5

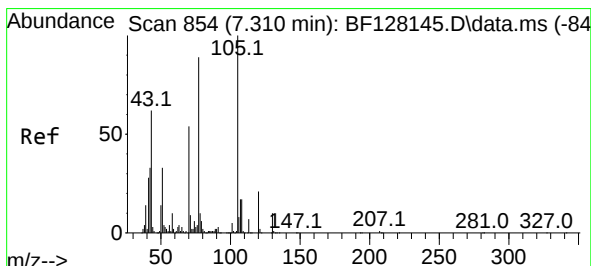
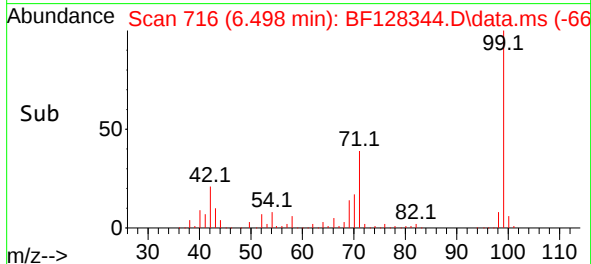
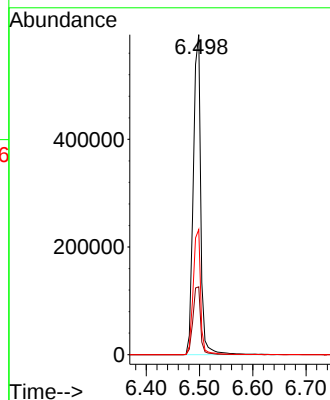
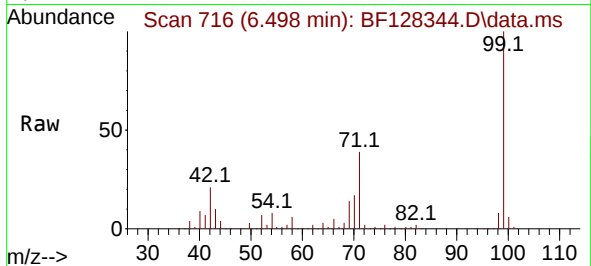




#7
Phenol-d6
Concen: 87.698 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

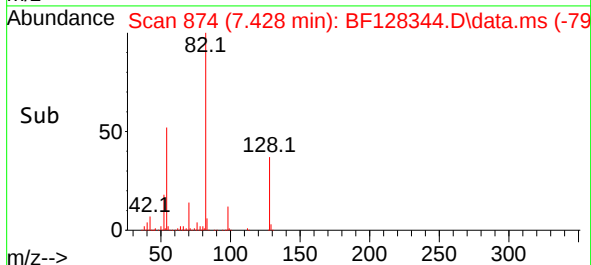
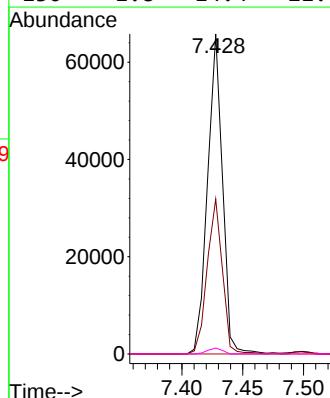
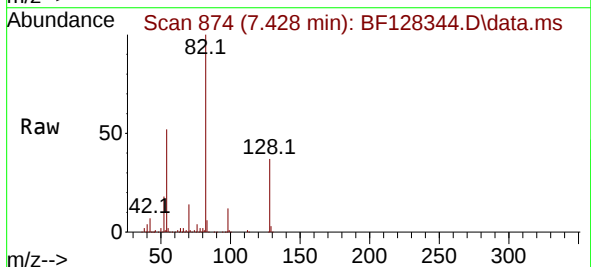
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1824-01

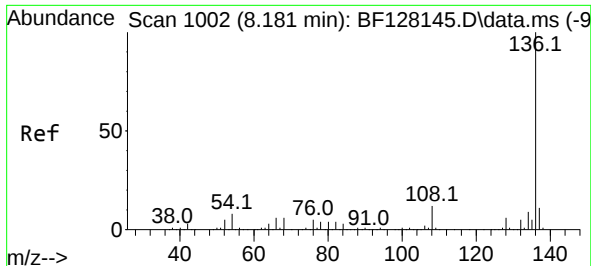
Tgt Ion: 99 Resp: 581137
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.758 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion: 70 Resp: 56145
Ion Ratio Lower Upper
70 100
42 48.4 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

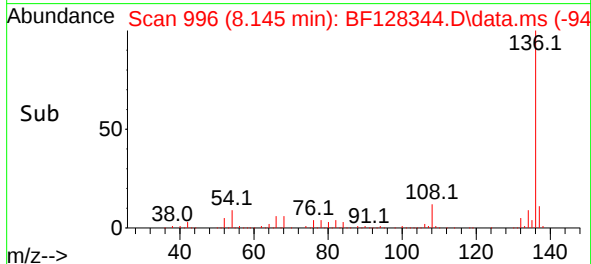
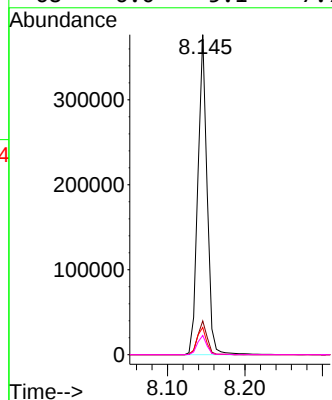
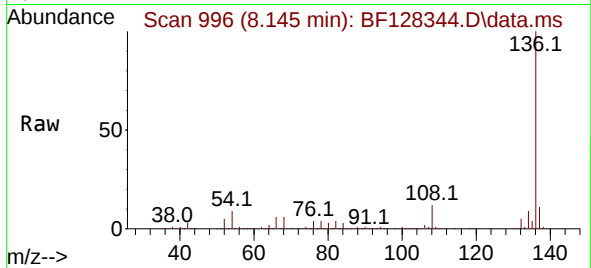




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

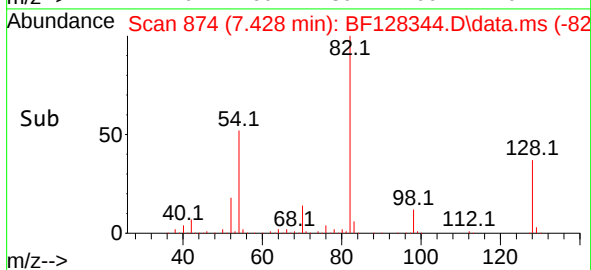
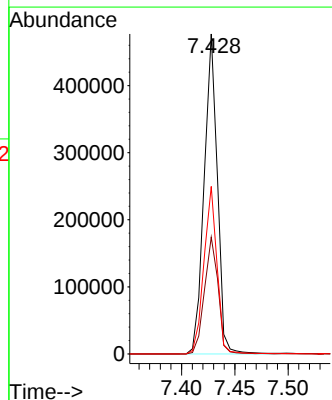
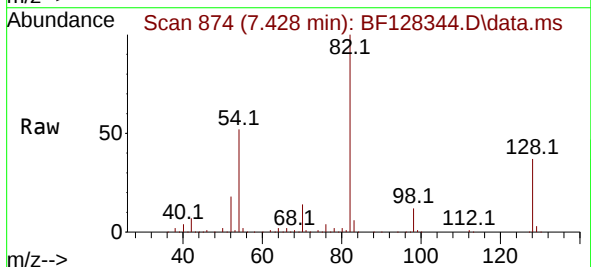
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1824-01

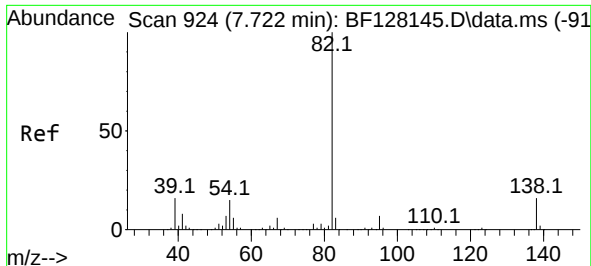
Tgt Ion:	136	Resp:	311296
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.5	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 59.761 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.017 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion:	82	Resp:	413440
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.0	45.0
54	52.4	41.3	61.9

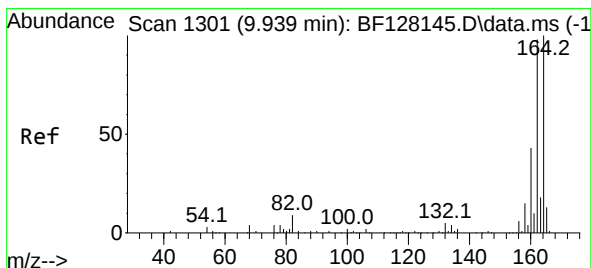
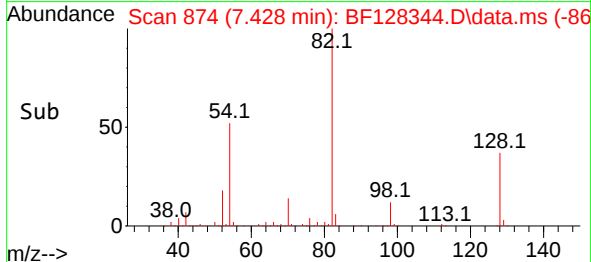
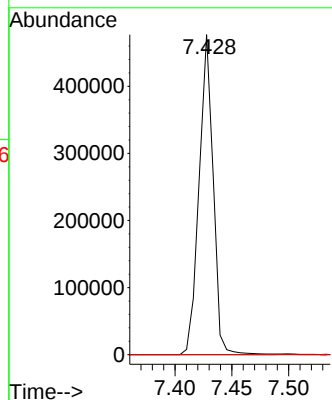
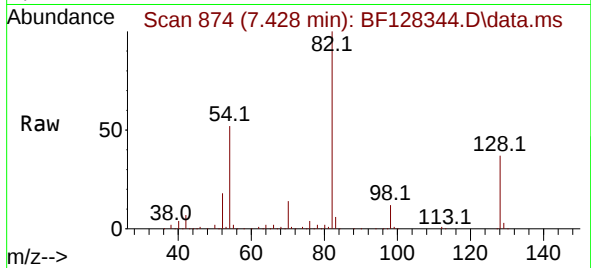




#25
Isophorone
Concen: 38.118 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

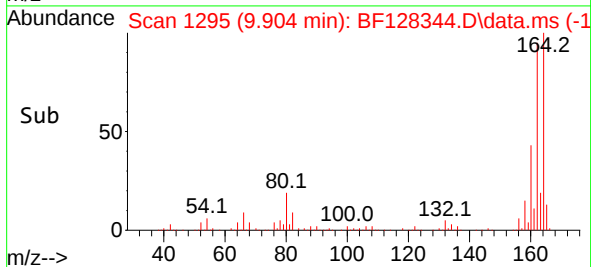
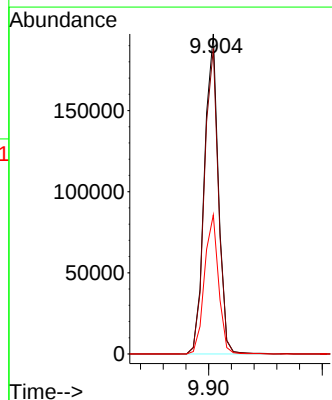
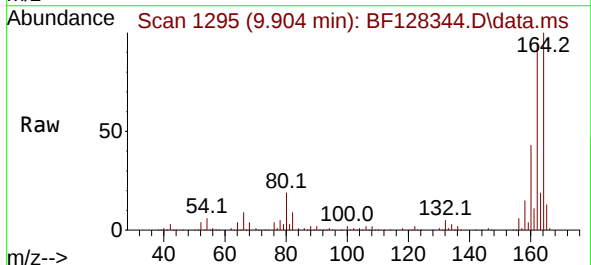
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1824-01

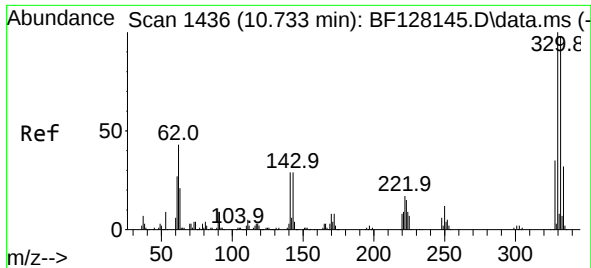
Tgt Ion: 82 Resp: 413435
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion:164 Resp: 167926
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.860 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128344.D

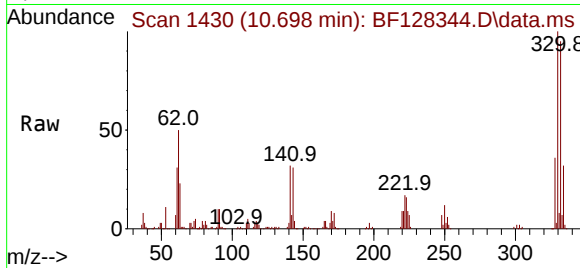
Acq: 19 May 2022 18:57

Instrument :

BNA_F

ClientSampleId :

P011-SS003-1824-01



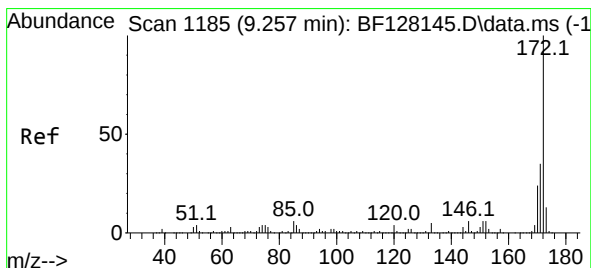
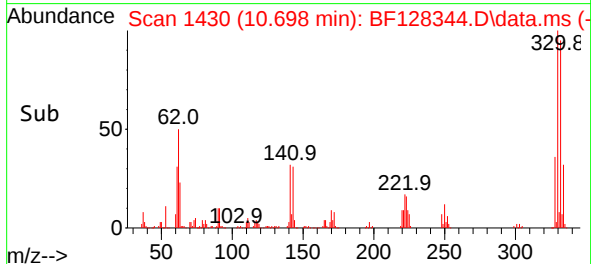
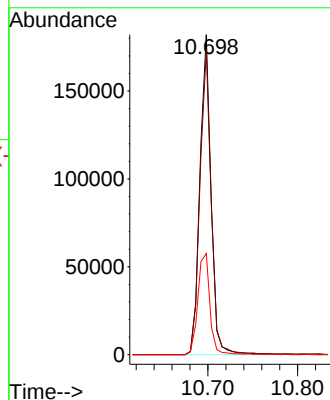
Tgt Ion:330 Resp: 157655

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 59.504 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128344.D

Acq: 19 May 2022 18:57

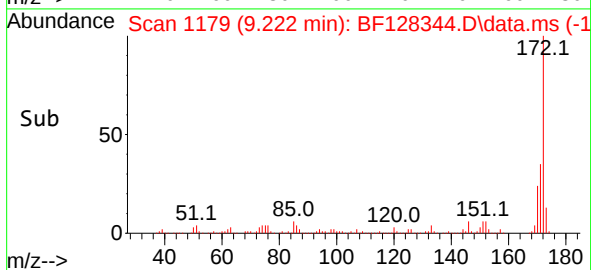
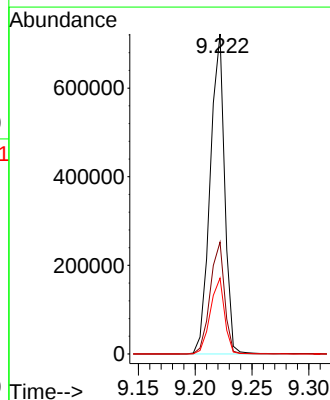
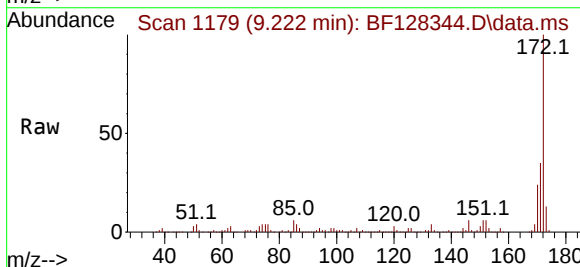
Tgt Ion:172 Resp: 638605

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.7 19.1 28.7

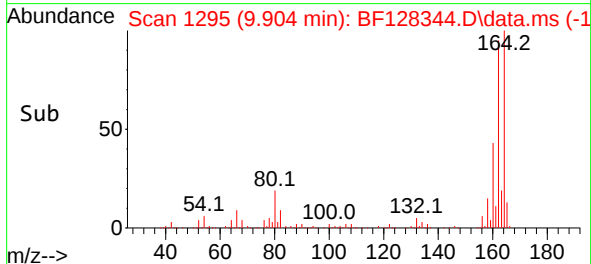
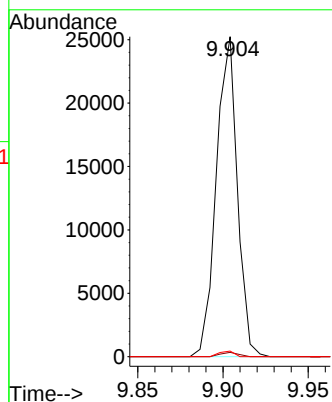
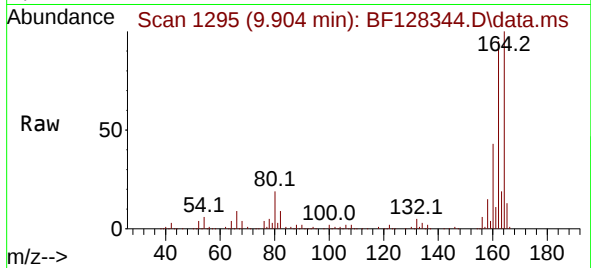




#51
2,6-Dinitrotoluene
Concen: 9.102 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

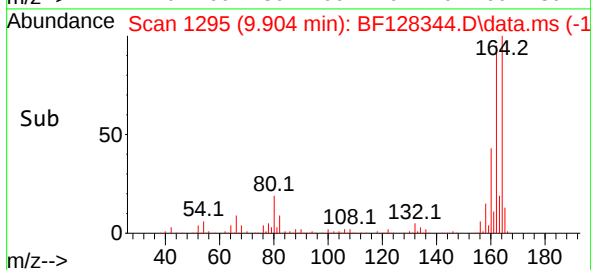
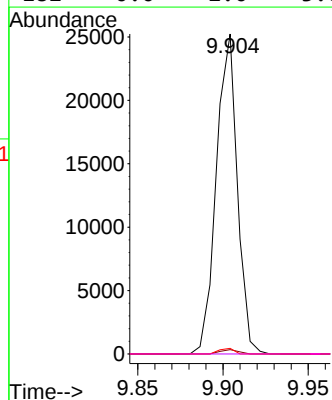
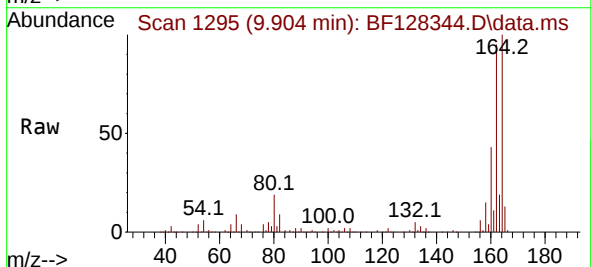
Instrument :
BNA_F
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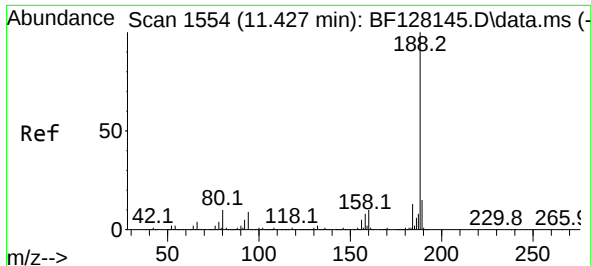
Tgt Ion:165 Resp: 21636
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.211 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion:165 Resp: 21636
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

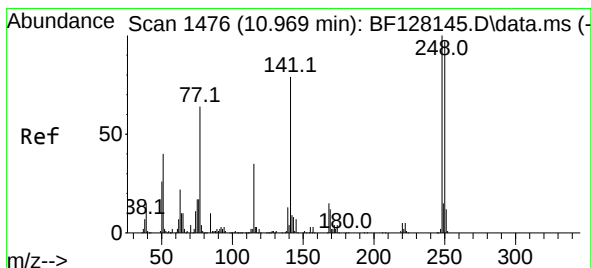
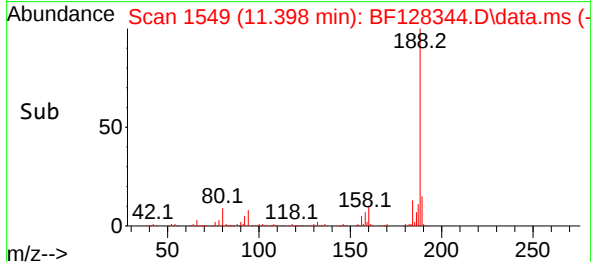
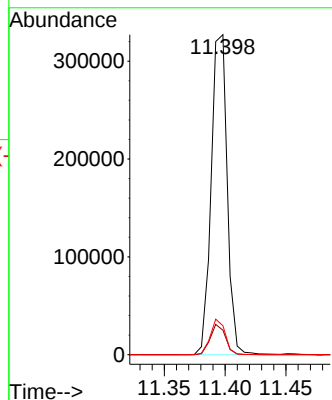
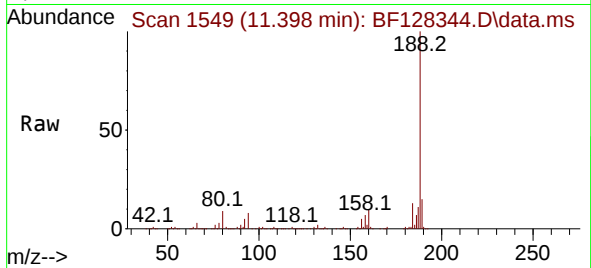




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

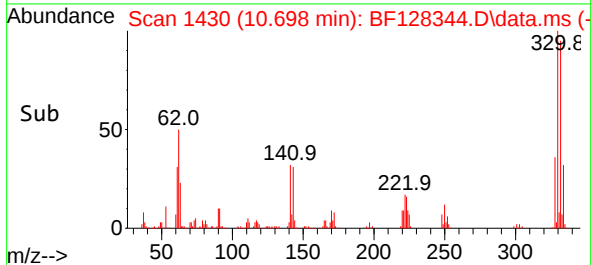
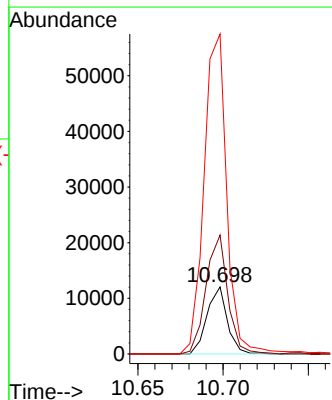
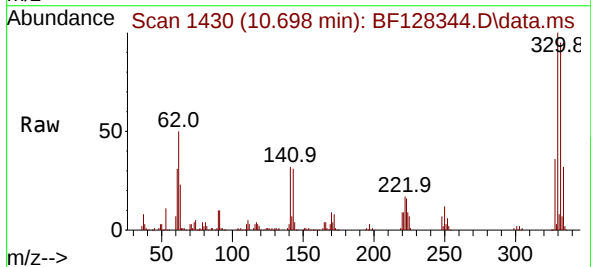
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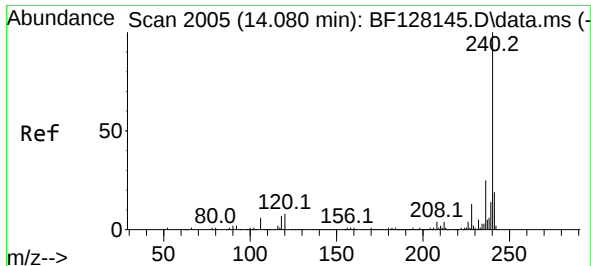
Tgt Ion:188 Resp: 299425
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 9.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.110 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion:248 Resp: 10018
Ion Ratio Lower Upper
248 100
250 177.4 77.7 116.5#
141 477.4 65.6 98.4#

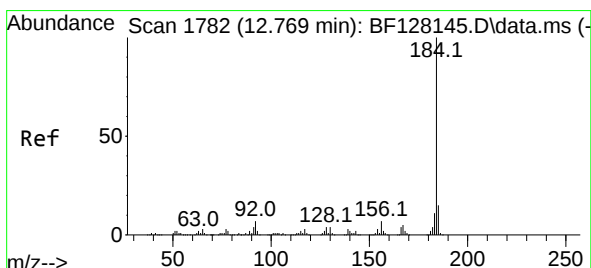
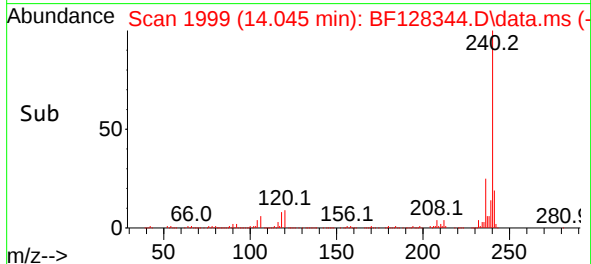
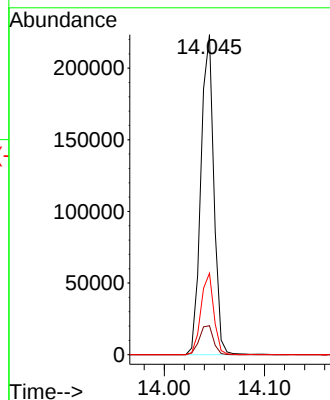
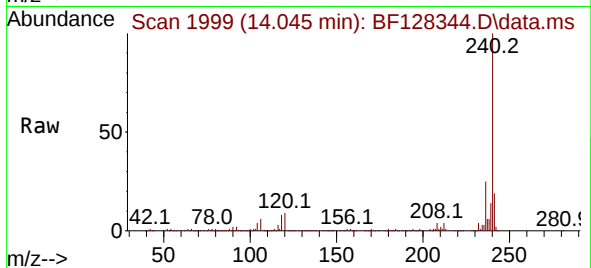




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

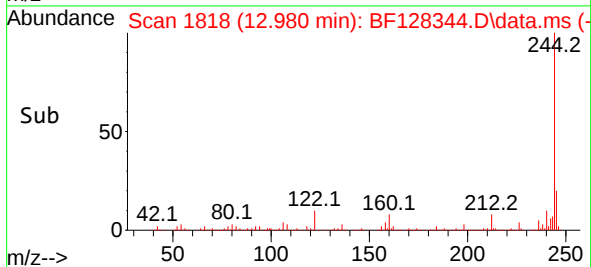
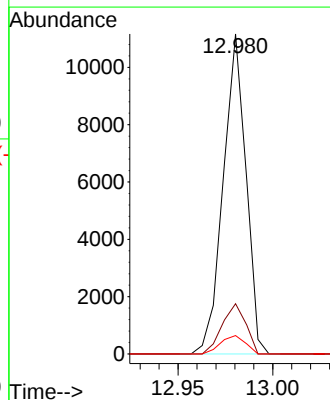
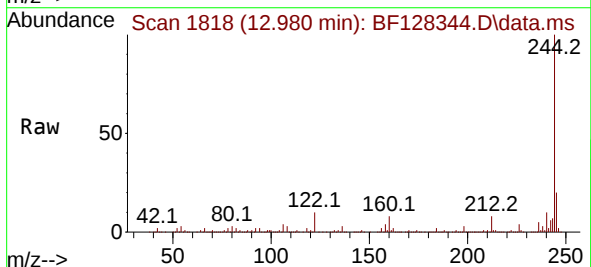
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1824-01

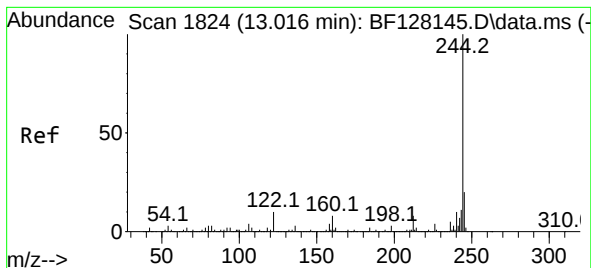
Tgt Ion:240 Resp: 201104
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 2.141 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.236 min
Lab File: BF128344.D
Acq: 19 May 2022 18:57

Tgt Ion:184 Resp: 9326
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 5.8 9.0 13.4#





#79

Terphenyl-d14

Concen: 59.341 ng

RT: 12.980 min Scan# 1818

Delta R.T. -0.012 min

Lab File: BF128344.D

Acq: 19 May 2022 18:57

Instrument :

BNA_F

ClientSampleId :

P011-SS003-1824-01

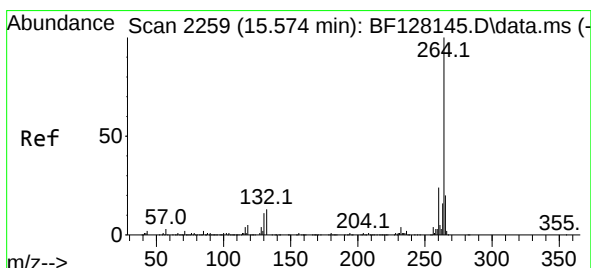
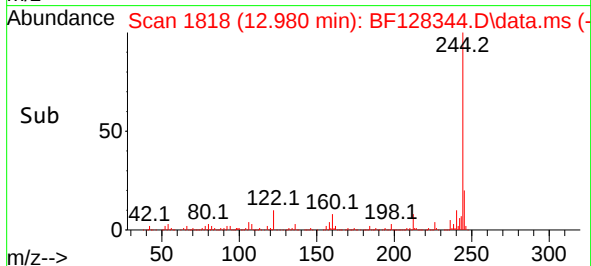
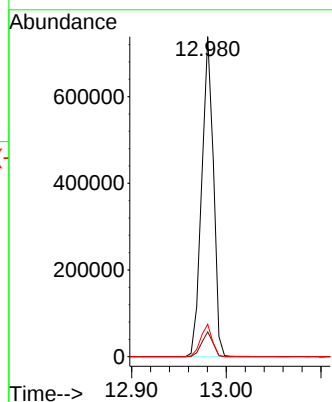
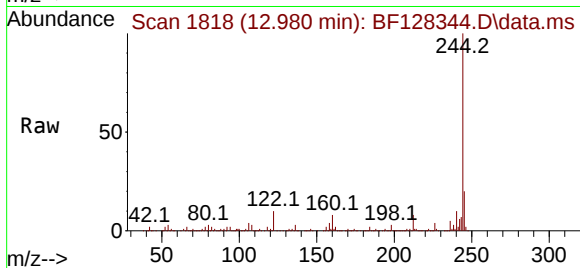
Tgt Ion:244 Resp: 635980

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.2 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

Delta R.T. -0.012 min

Lab File: BF128344.D

Acq: 19 May 2022 18:57

Tgt Ion:264 Resp: 190385

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 21.2 17.5 26.3

