

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128311.D
 Acq On : 18 May 2022 15:01
 Operator : CG\JU
 Sample : N2879-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0516

Quant Time: May 18 16:50:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

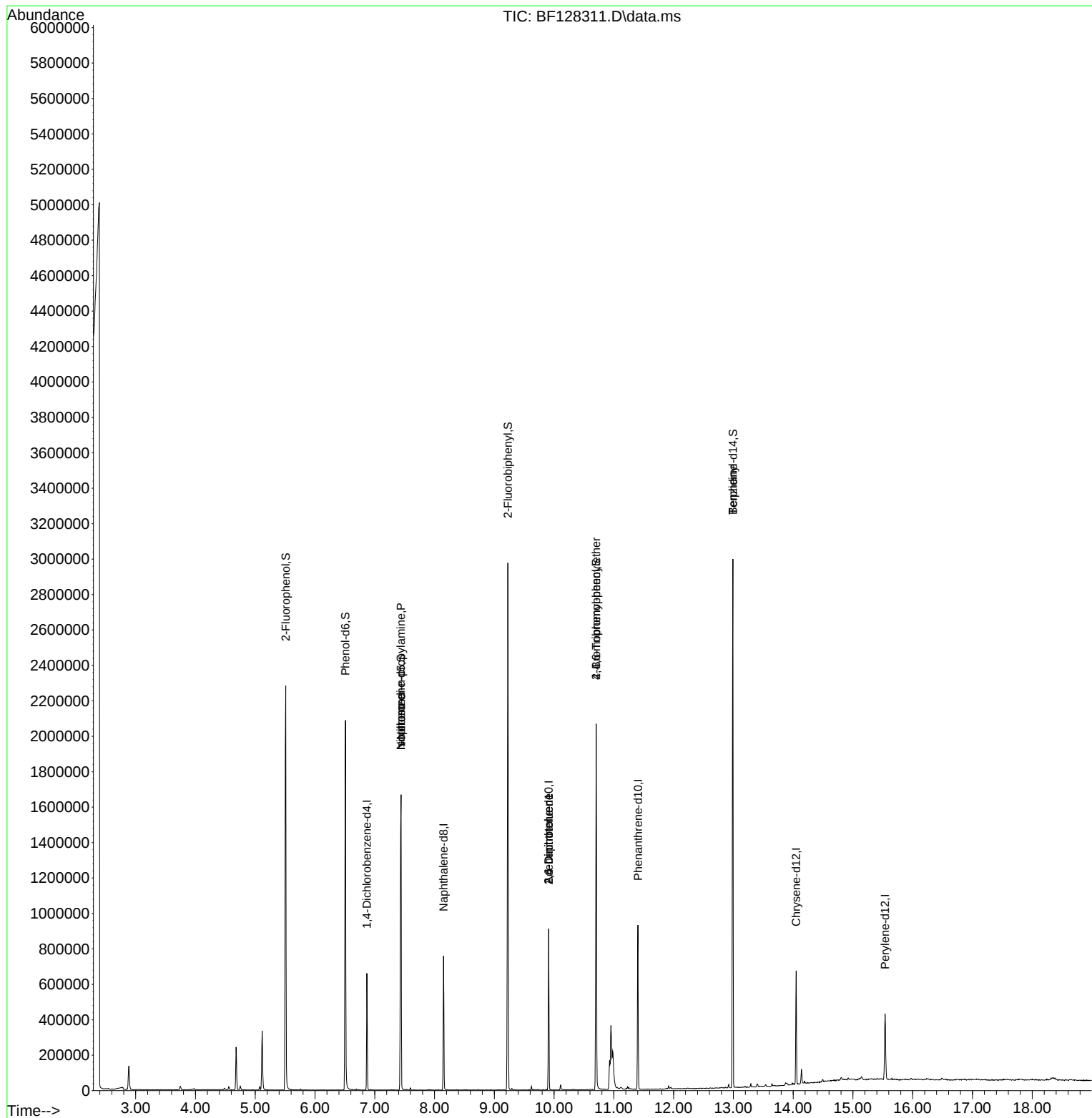
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80723	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	303344	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	170398	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	323852	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	203434	20.000	ng	-0.01
86) Perylene-d12	15.539	264	169130	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	564099	111.399	ng	0.01
7) Phenol-d6	6.510	99	665074	99.300	ng	0.00
23) Nitrobenzene-d5	7.439	82	582168	86.356	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	234444	119.966	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	921921	84.656	ng	-0.01
79) Terphenyl-d14	12.992	244	994986	91.775	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.510	77	1048	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.439	70	80189	19.442	ng	# 80
25) Isophorone	7.439	82	582160	55.082	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	22088	9.157	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	22088	6.848	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	14742	4.231	ng	# 1
77) Benizidine	12.992	184	14521	3.296	ng	# 93

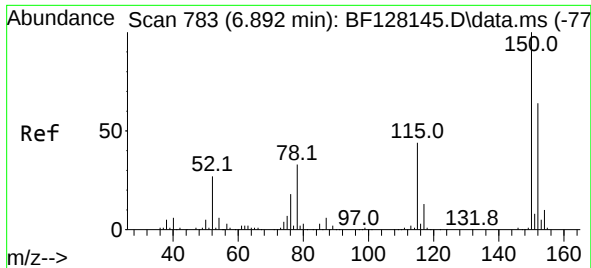
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
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Quant Time: May 18 16:50:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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QLast Update : Wed May 18 01:31:11 2022
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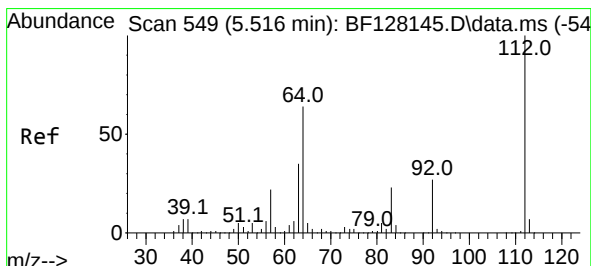
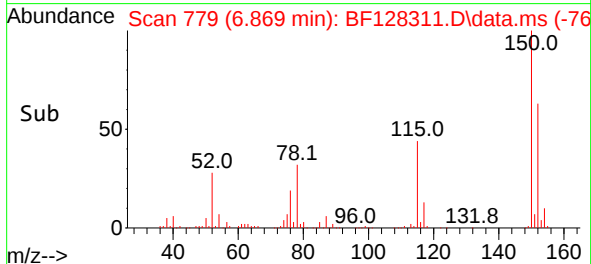
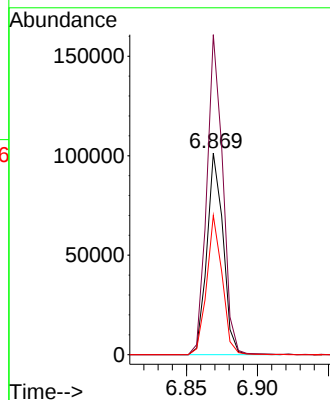
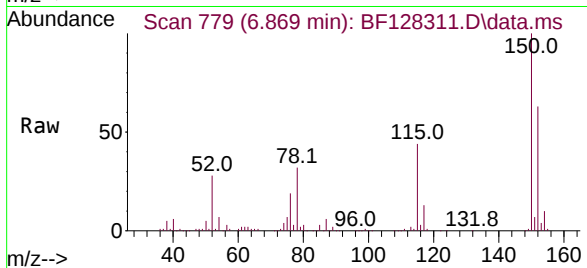




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

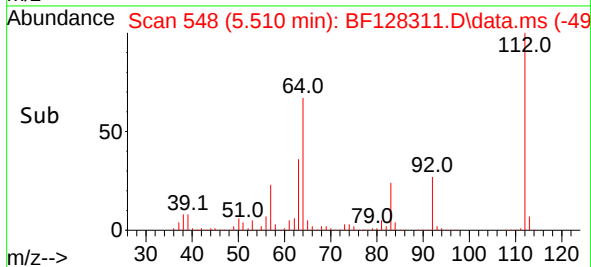
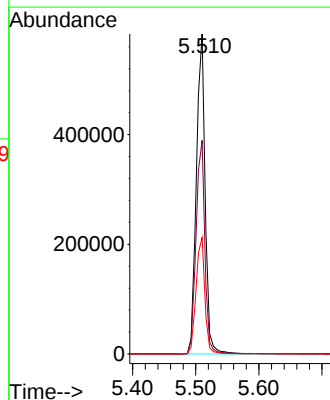
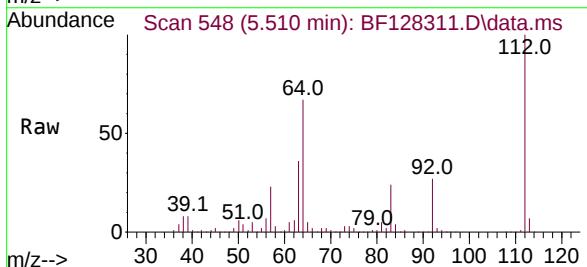
Instrument :
BNA_F
ClientSampleId :
TP1-0516

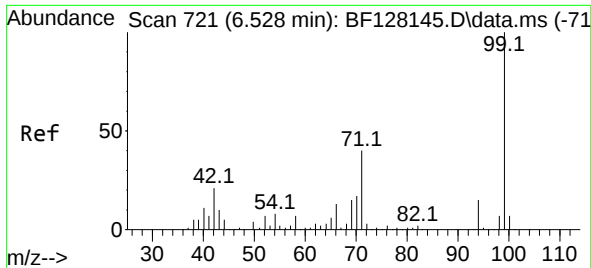
Tgt Ion:152 Resp: 80723
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 69.1 48.8 73.2



#5
2-Fluorophenol
Concen: 111.399 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Tgt Ion:112 Resp: 564099
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 36.4 26.3 39.5

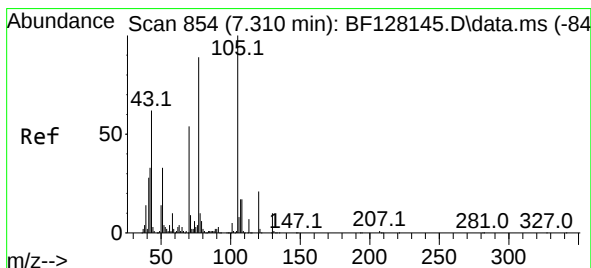
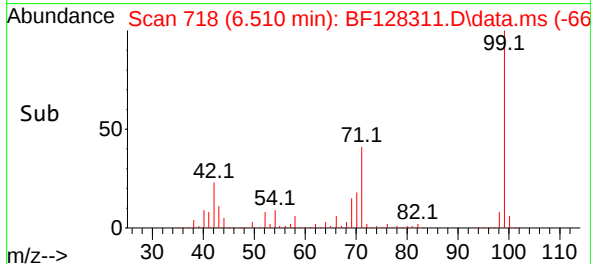
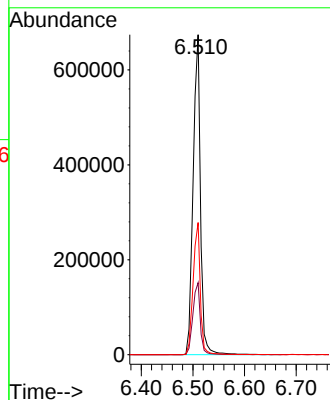
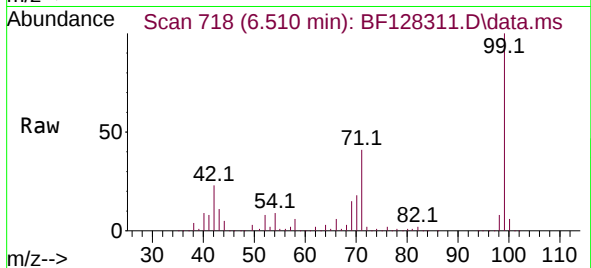




#7
Phenol-d6
Concen: 99.300 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

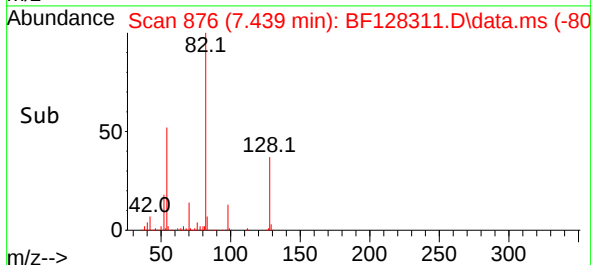
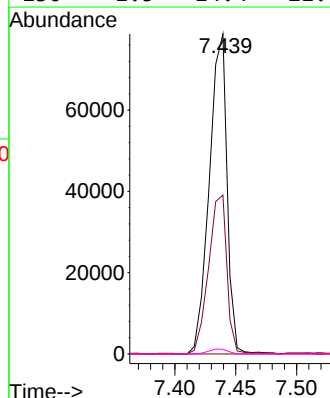
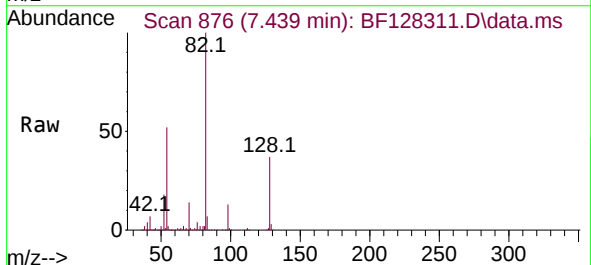
Instrument :
BNA_F
ClientSampleId :
TP1-0516

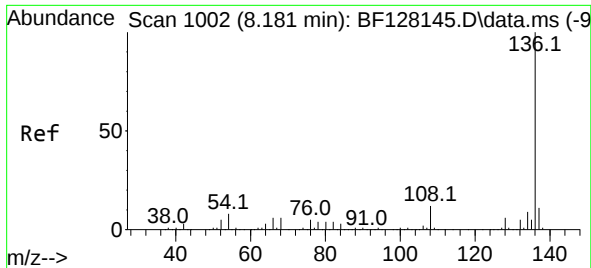
Tgt Ion: 99 Resp: 665074
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.442 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Tgt Ion: 70 Resp: 80189
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

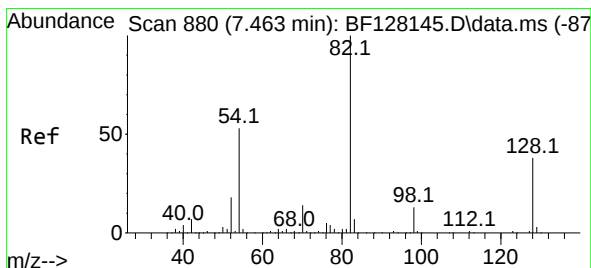
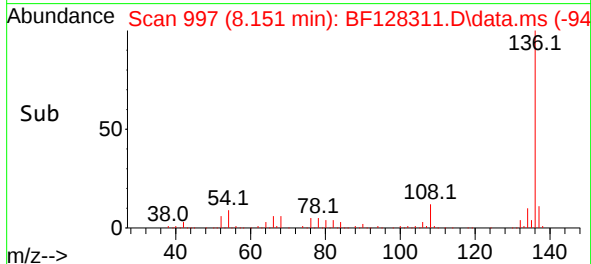
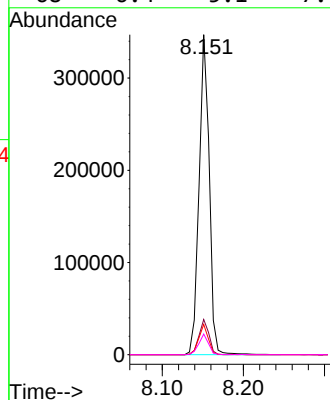
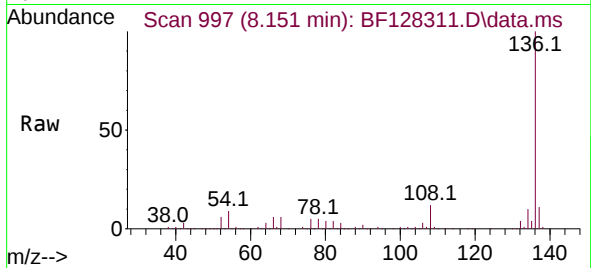




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

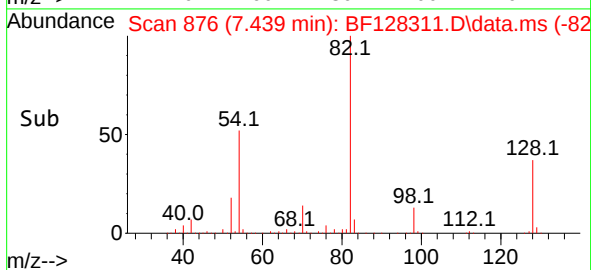
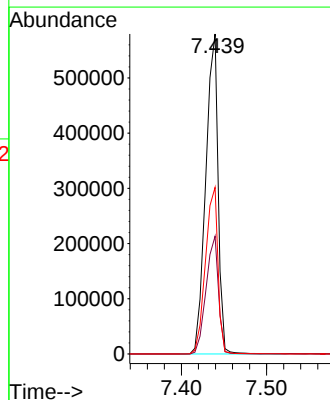
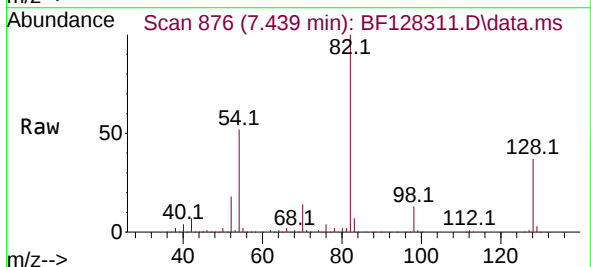
Instrument :
BNA_F
ClientSampleId :
TP1-0516

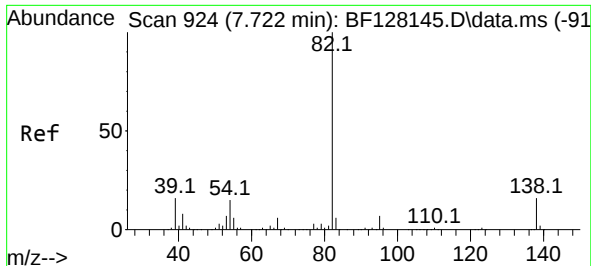
Tgt Ion:136 Resp: 303344
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.356 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Tgt Ion: 82 Resp: 582168
Ion Ratio Lower Upper
82 100
128 36.8 30.0 45.0
54 52.0 41.3 61.9

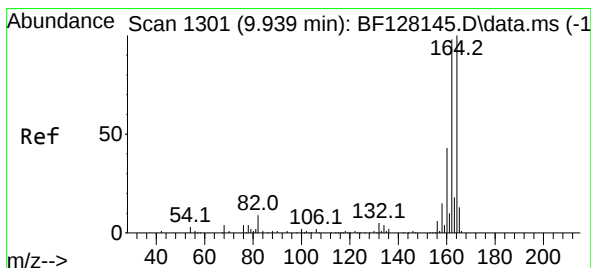
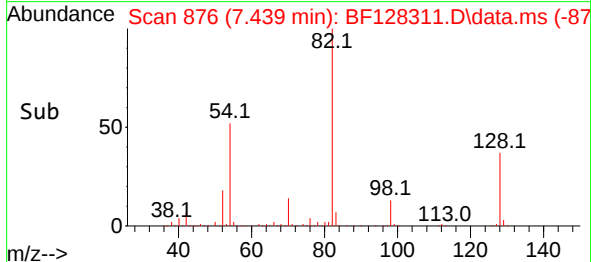
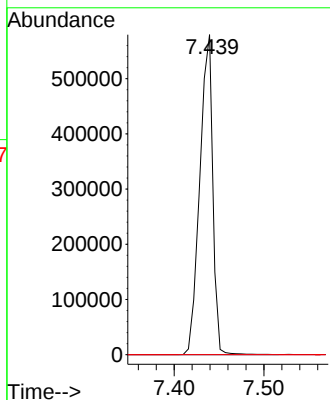
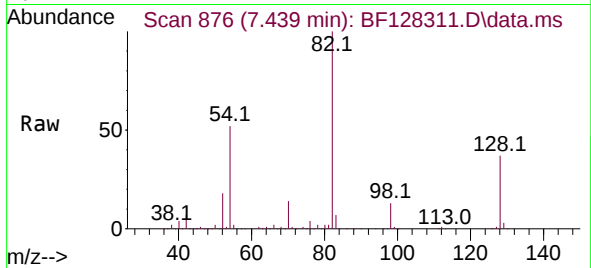




#25
Isophorone
Concen: 55.082 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

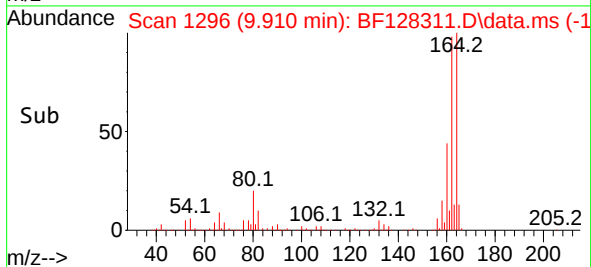
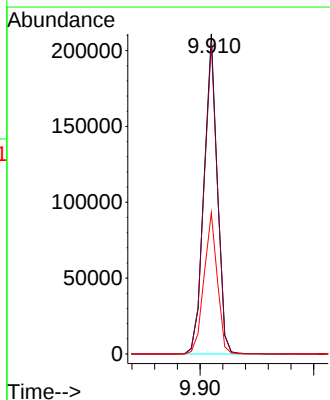
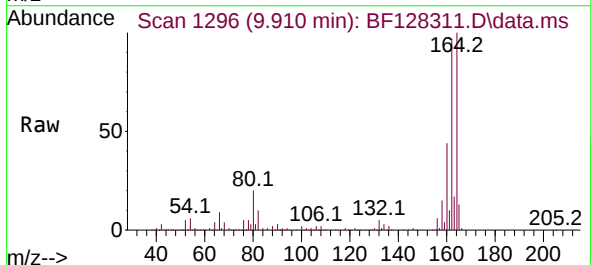
Instrument :
BNA_F
ClientSampleId :
TP1-0516

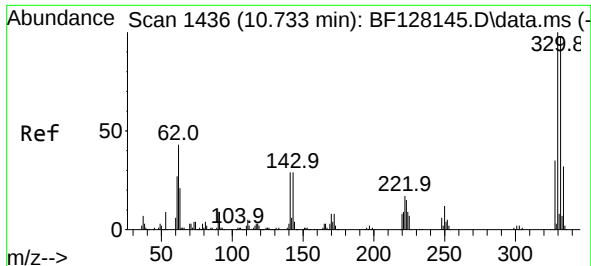
Tgt Ion: 82 Resp: 582160
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

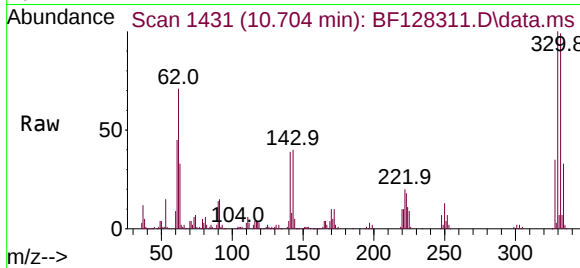
Tgt Ion:164 Resp: 170398
Ion Ratio Lower Upper
164 100
162 97.3 76.0 114.0
160 44.1 34.8 52.2



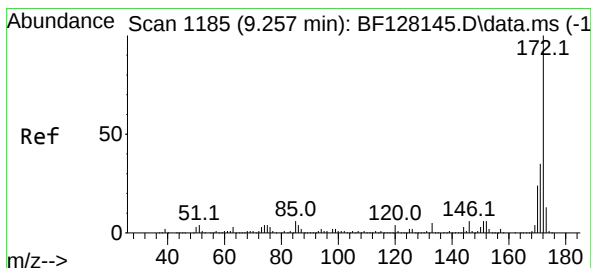
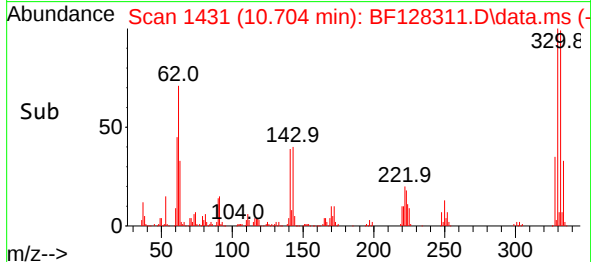
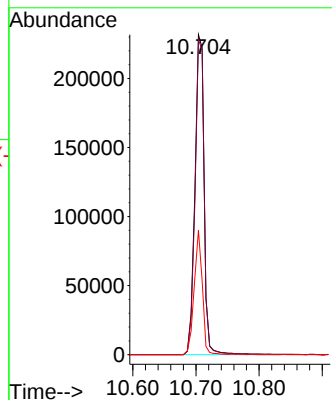


#42
2,4,6-Tribromophenol
Concen: 119.966 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Instrument :
BNA_F
ClientSampleId :
TP1-0516

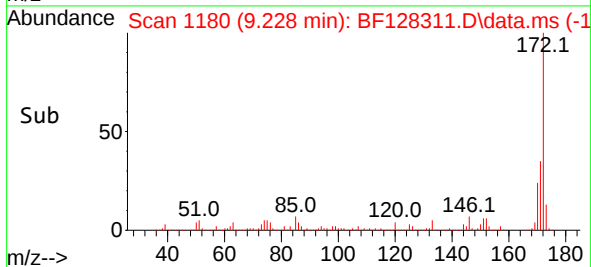
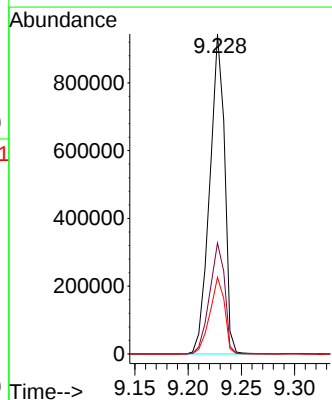
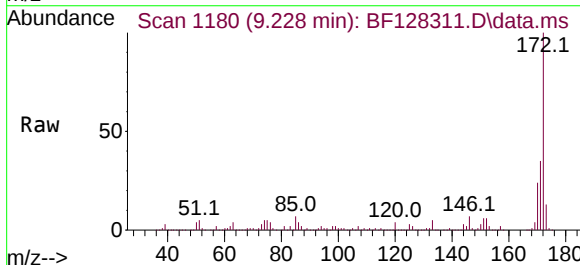


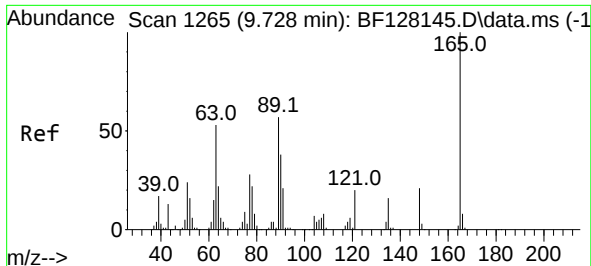
Tgt Ion:330 Resp: 234444
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 34.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 84.656 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Tgt Ion:172 Resp: 921921
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.157 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.200 min

Lab File: BF128311.D

Acq: 18 May 2022 15:01

Instrument :

BNA_F

ClientSampleId :

TP1-0516

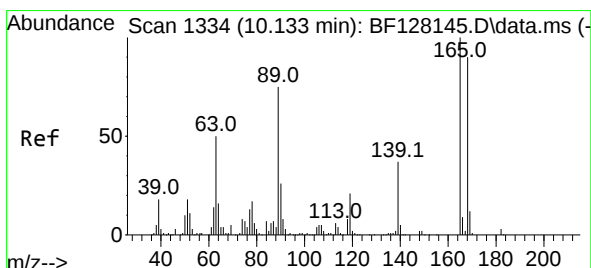
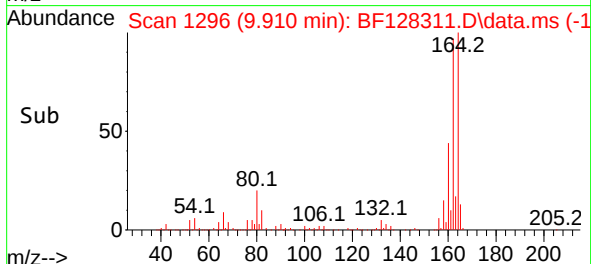
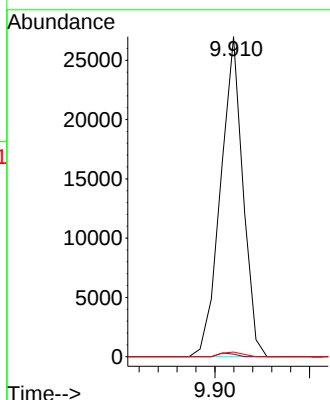
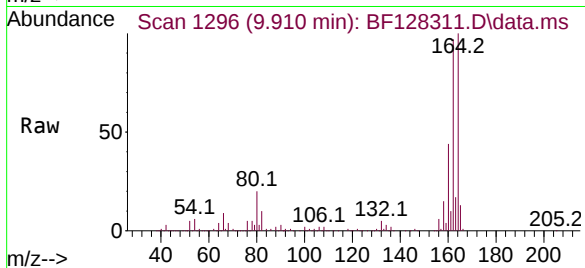
Tgt Ion:165 Resp: 22088

Ion Ratio Lower Upper

165 100

63 0.8 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.848 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.212 min

Lab File: BF128311.D

Acq: 18 May 2022 15:01

Tgt Ion:165 Resp: 22088

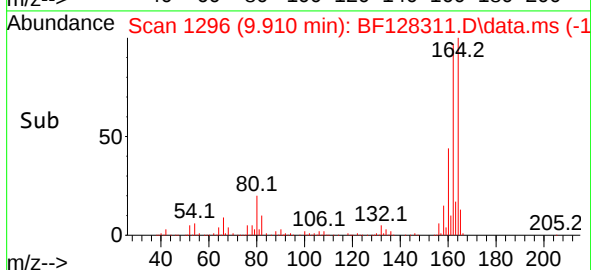
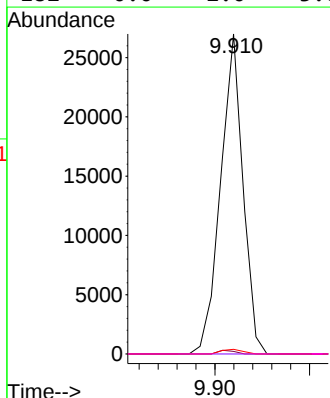
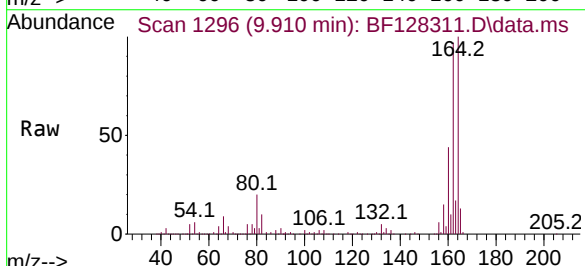
Ion Ratio Lower Upper

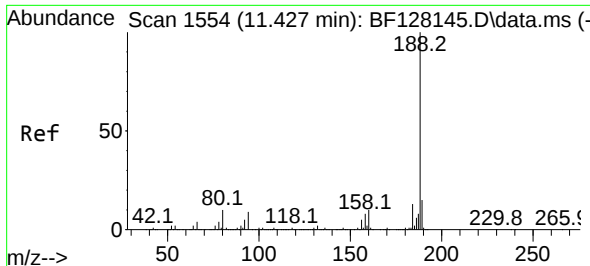
165 100

63 0.8 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

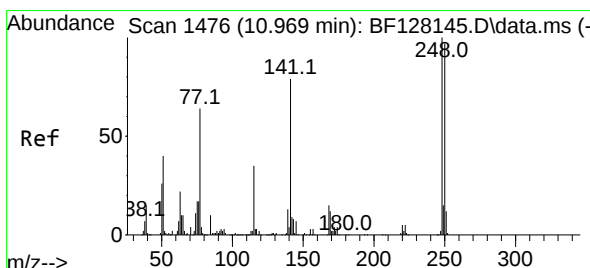
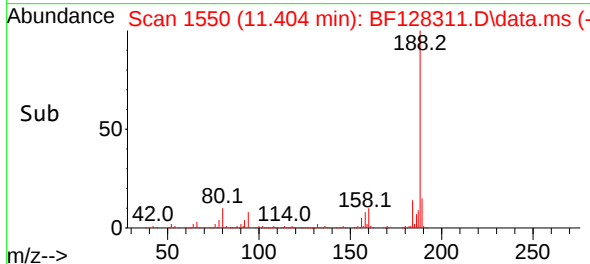
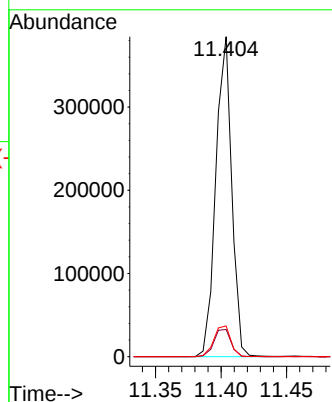
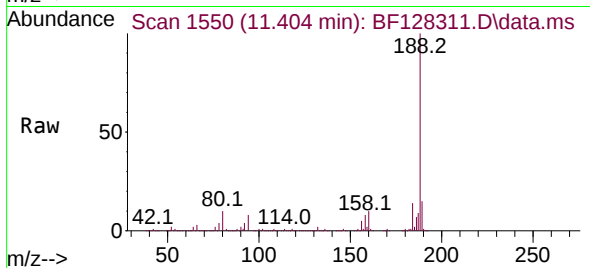




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

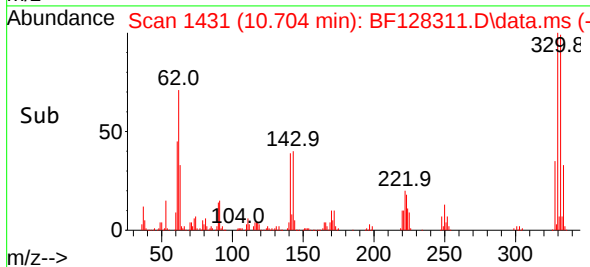
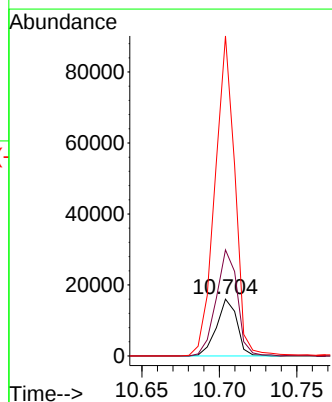
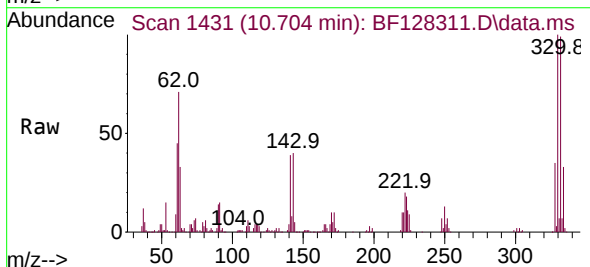
Instrument :
BNA_F
ClientSampleId :
TP1-0516

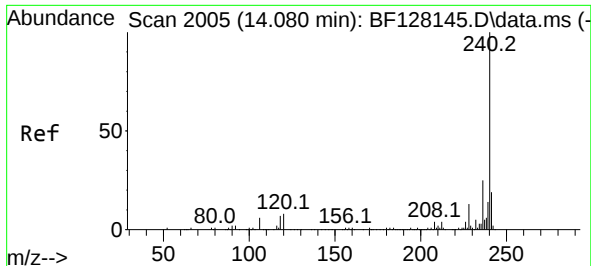
Tgt Ion:188 Resp: 323852
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.231 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.253 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Tgt Ion:248 Resp: 14742
Ion Ratio Lower Upper
248 100
250 186.5 77.7 116.5#
141 563.0 65.6 98.4#

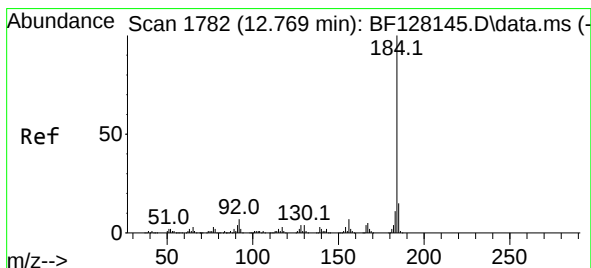
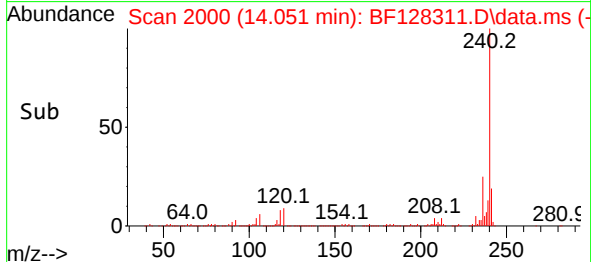
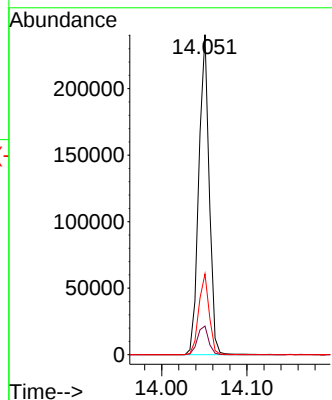
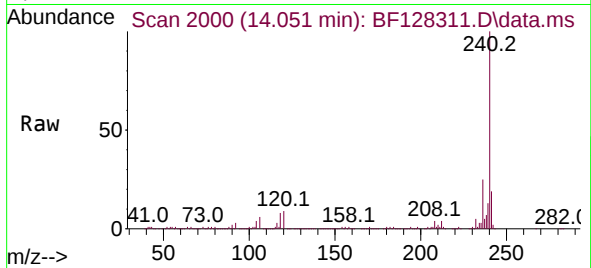




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

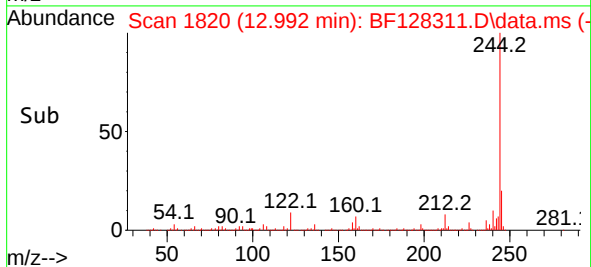
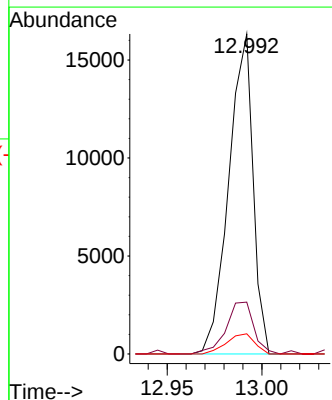
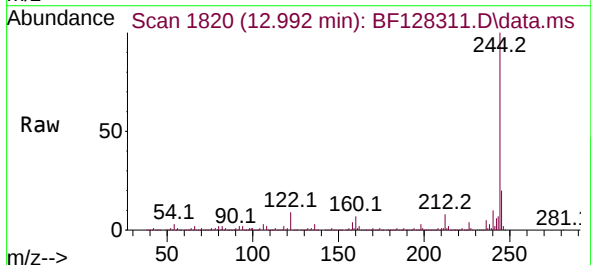
Instrument :
BNA_F
ClientSampleId :
TP1-0516

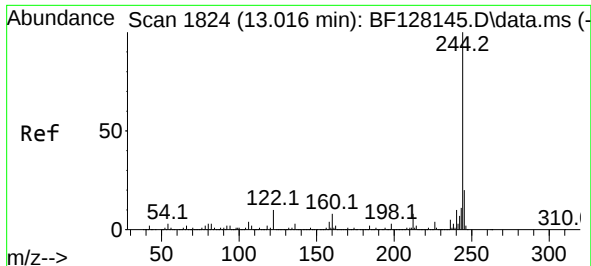
Tgt Ion:240 Resp: 203434
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.3 20.3 30.5



#77
Benzidine
Concen: 3.296 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128311.D
Acq: 18 May 2022 15:01

Tgt Ion:184 Resp: 14521
Ion Ratio Lower Upper
184 100
185 16.2 12.1 18.1
183 6.3 9.0 13.4#

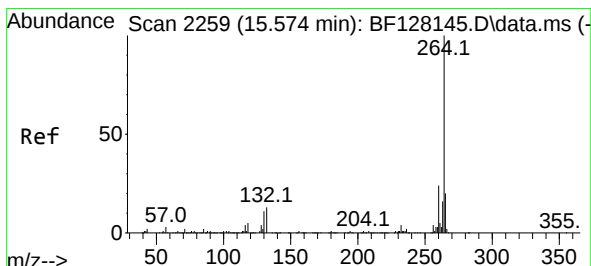
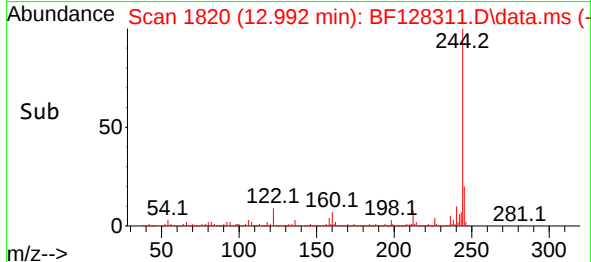
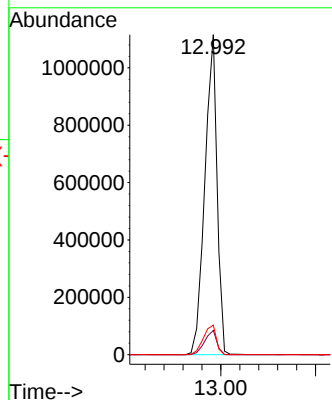
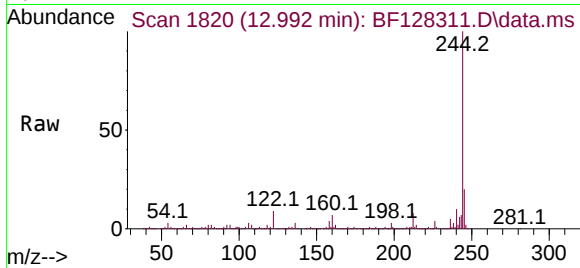




#79
 Terphenyl-d14
 Concen: 91.775 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128311.D
 Acq: 18 May 2022 15:01

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0516

Tgt Ion:244 Resp: 994986
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128311.D
 Acq: 18 May 2022 15:01

Tgt Ion:264 Resp: 169130
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 22.2 17.5 26.3

