

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128315.D
 Acq On : 18 May 2022 16:58
 Operator : CG\JU
 Sample : N2881-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLP-1

Quant Time: May 18 18:22:04 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)

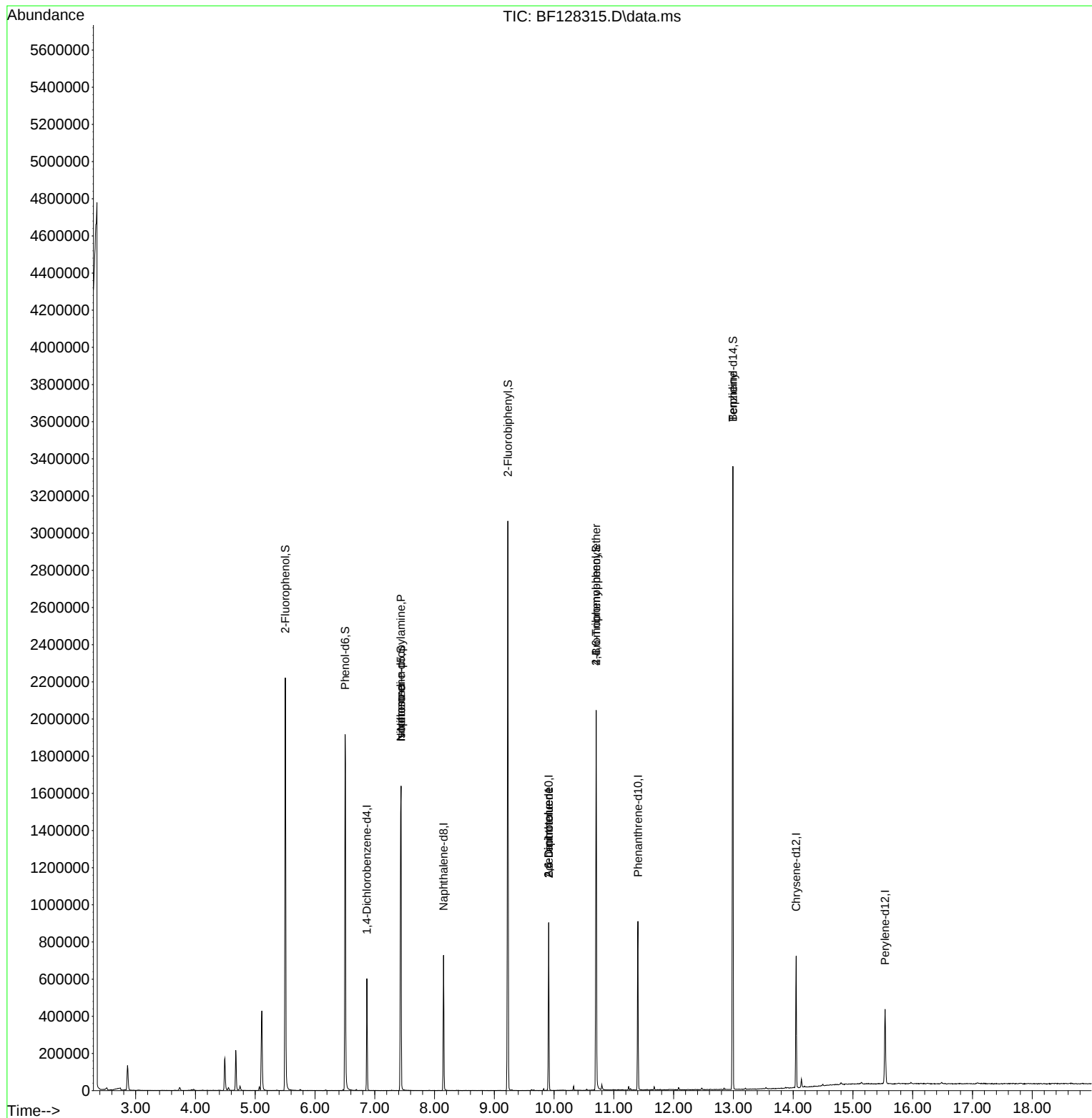
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76269	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	299693	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	169137	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	315843	20.000	ng	#-0.01
76) Chrysene-d12	14.051	240	226254	20.000	ng	-0.01
86) Perylene-d12	15.539	264	179684	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	541995	113.285	ng	0.00
7) Phenol-d6	6.504	99	659926	104.286	ng	-0.01
23) Nitrobenzene-d5	7.439	82	567076	85.142	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	230897	119.032	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	914906	84.638	ng	-0.01
79) Terphenyl-d14	12.992	244	1102235	91.413	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1124	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.439	70	78728	20.202	ng	# 80
25) Isophorone	7.439	82	567068	54.307	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	21373	8.927	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	21373	6.676	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	14354	4.224	ng	# 1
77) Benizidine	12.992	184	17166	3.503	ng	# 93

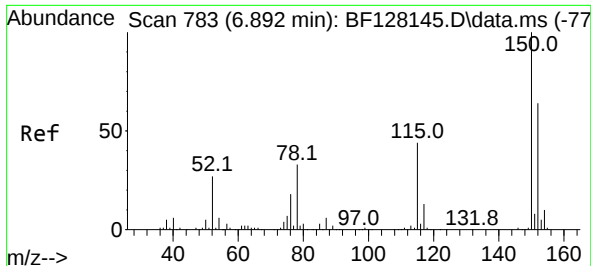
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 18:22:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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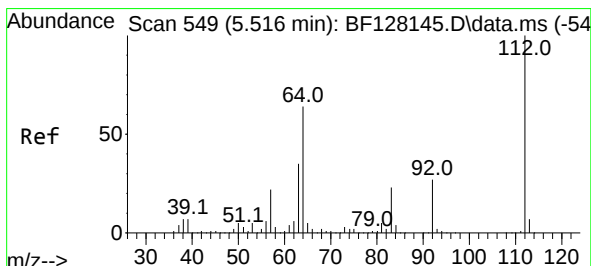
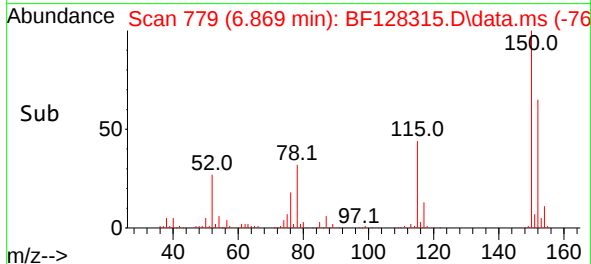
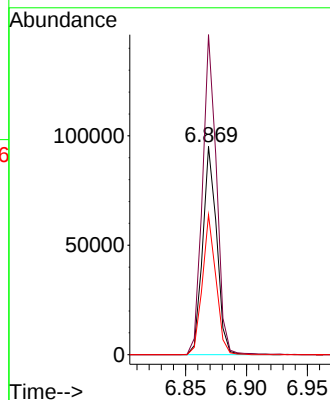
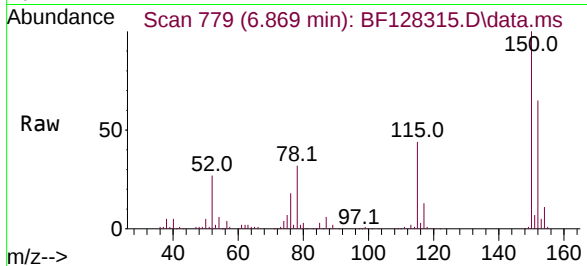




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF128315.D
 Acq: 18 May 2022 16:58

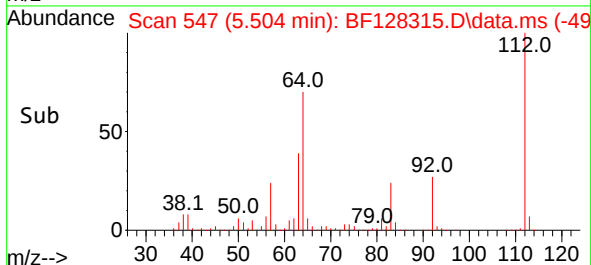
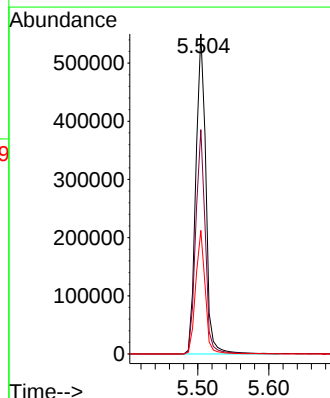
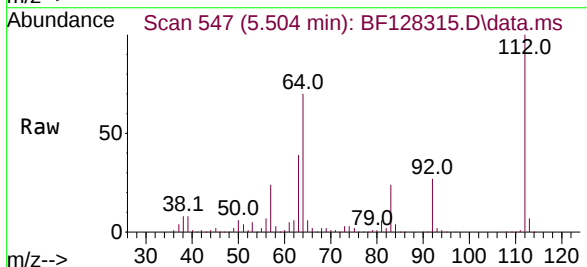
Instrument :
 BNA_F
 ClientSampleId :
 SLP-1

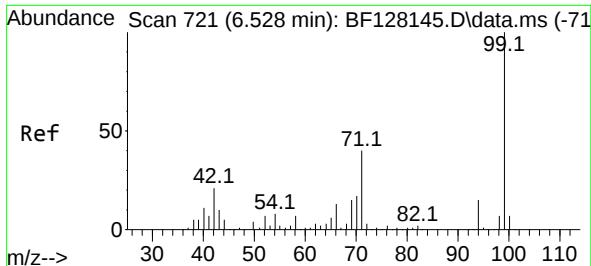
Tgt Ion:152 Resp: 76269
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.3 187.9
 115 67.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 113.285 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF128315.D
 Acq: 18 May 2022 16:58

Tgt Ion:112 Resp: 541995
 Ion Ratio Lower Upper
 112 100
 64 70.1 49.5 74.3
 63 38.6 26.3 39.5

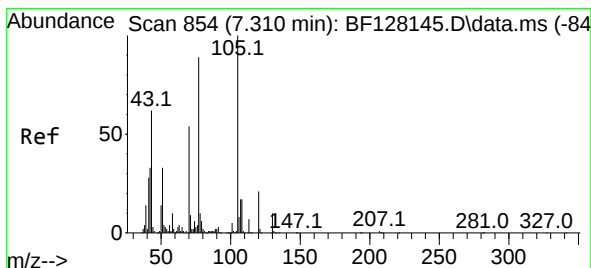
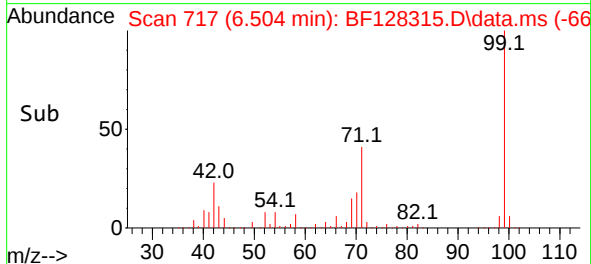
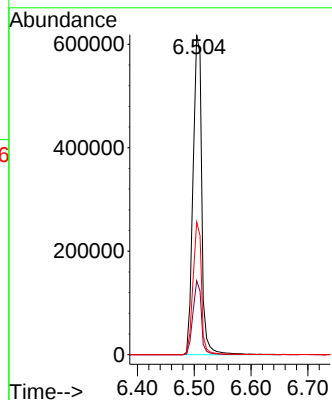
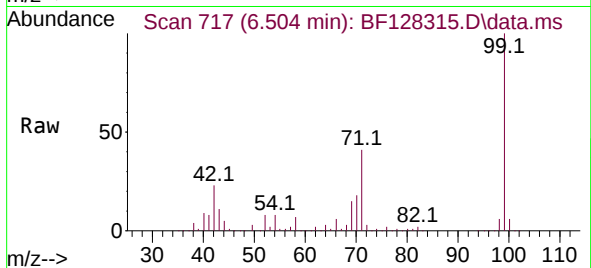




#7
Phenol-d6
Concen: 104.286 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

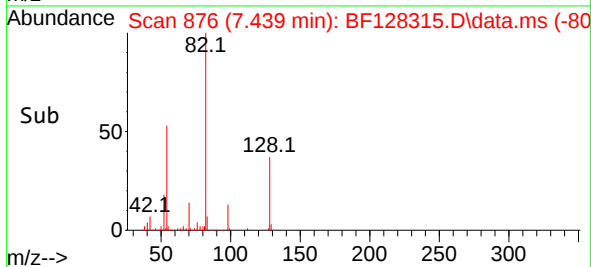
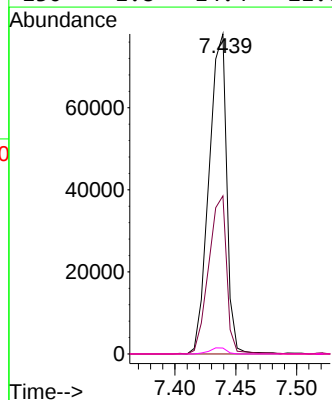
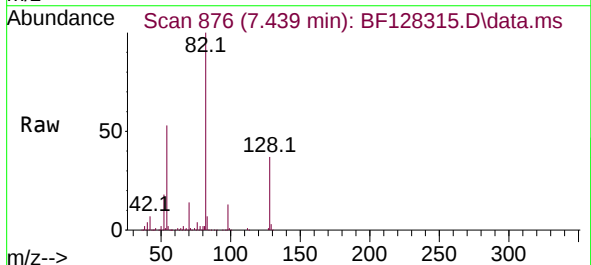
Instrument :
BNA_F
ClientSampleId :
SLP-1

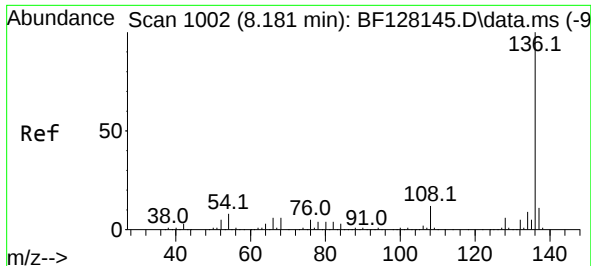
Tgt Ion: 99 Resp: 659926
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.202 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

Tgt Ion: 70 Resp: 78728
Ion Ratio Lower Upper
70 100
42 49.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

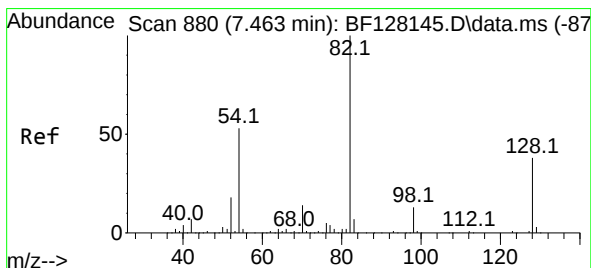
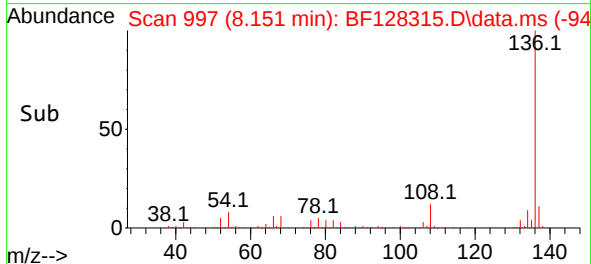
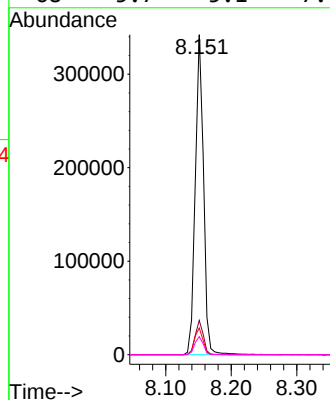
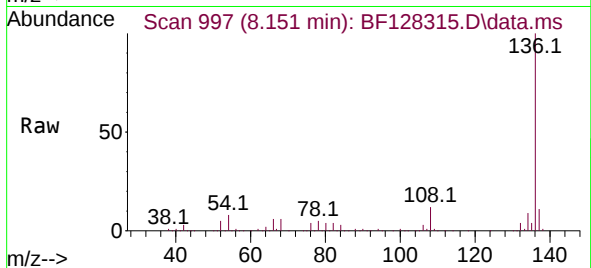




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

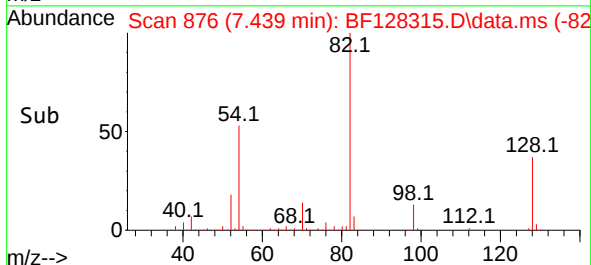
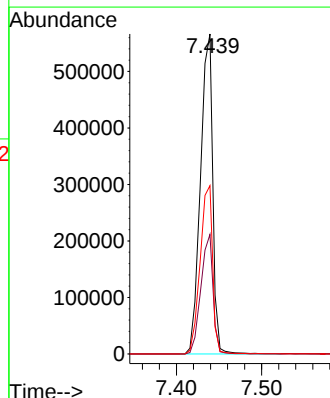
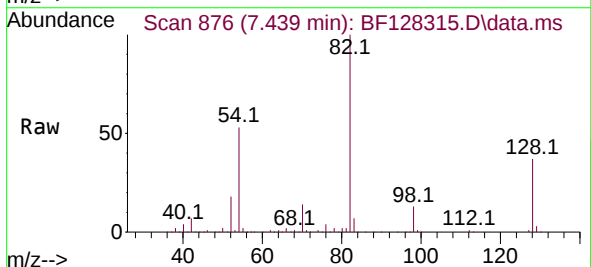
Instrument :
BNA_F
ClientSampleId :
SLP-1

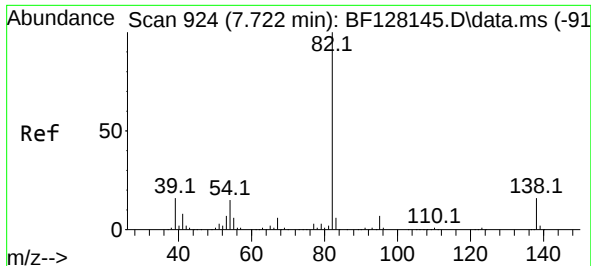
Tgt Ion:136 Resp: 299693
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 6.8 10.2
68 5.7 5.1 7.7



#23
Nitrobenzene-d5
Concen: 85.142 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

Tgt Ion: 82 Resp: 567076
Ion Ratio Lower Upper
82 100
128 37.4 30.0 45.0
54 52.6 41.3 61.9

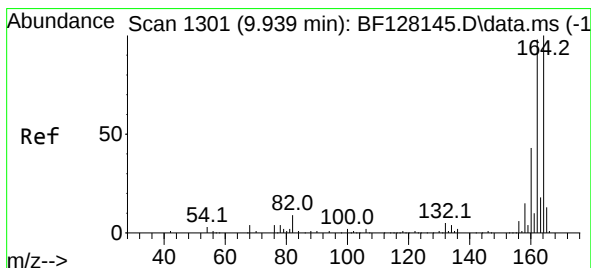
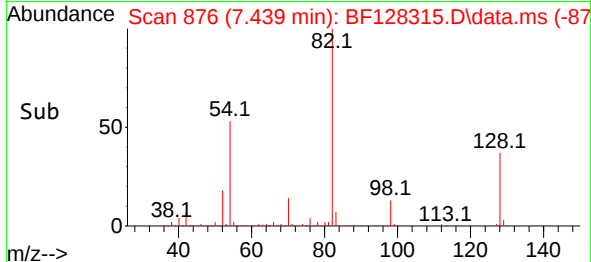
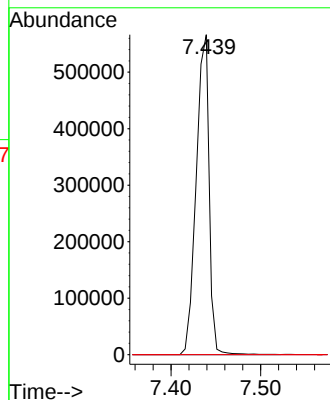
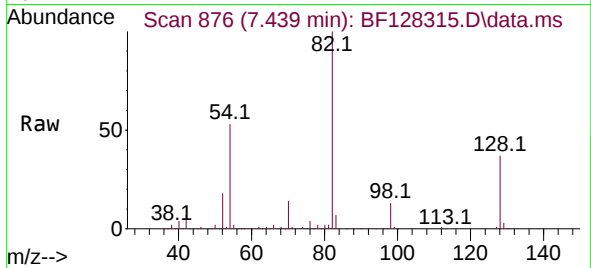




#25
Isophorone
Concen: 54.307 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

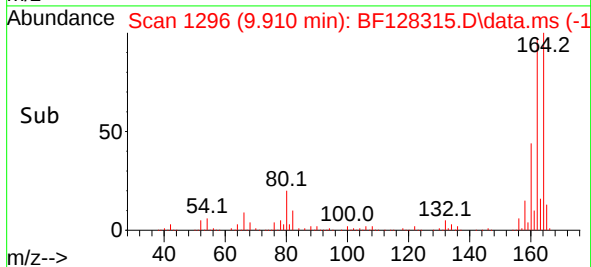
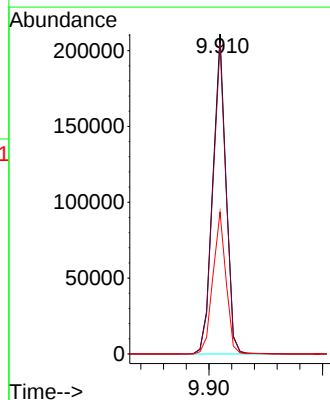
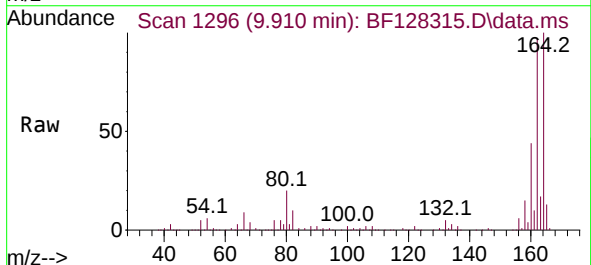
Instrument :
BNA_F
ClientSampleId :
SLP-1

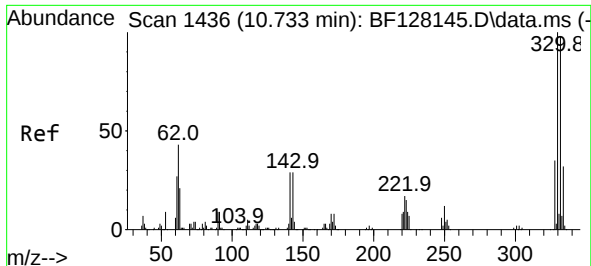
Tgt Ion: 82 Resp: 567068
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

Tgt Ion:164 Resp: 169137
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 44.4 34.8 52.2

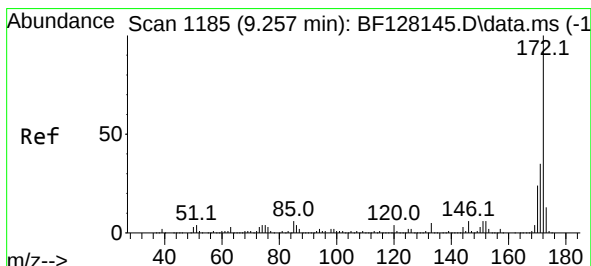
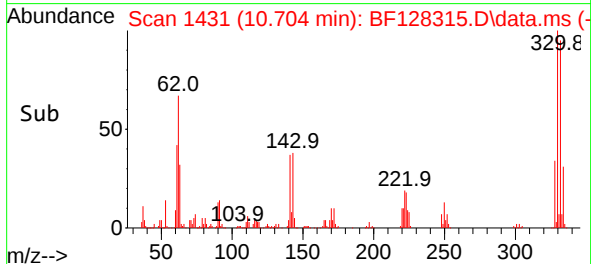
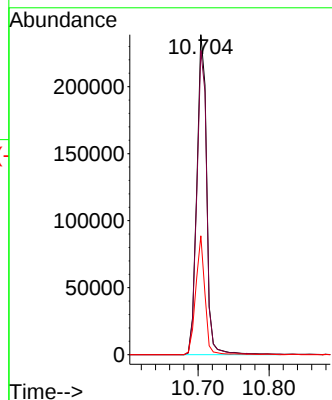
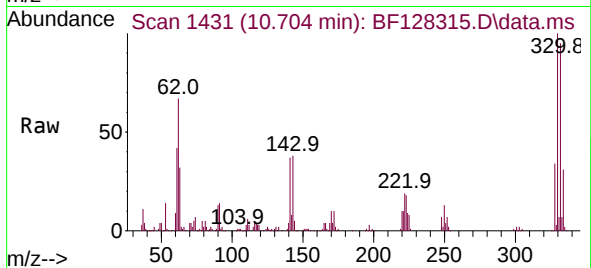




#42
2,4,6-Tribromophenol
Concen: 119.032 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

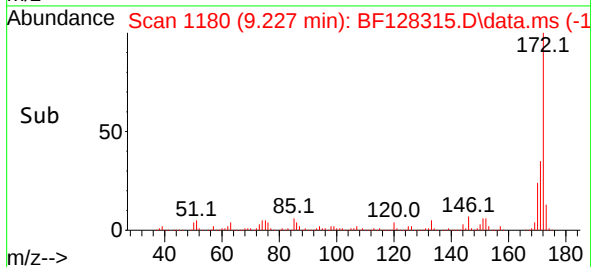
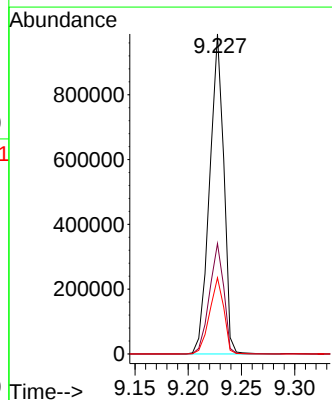
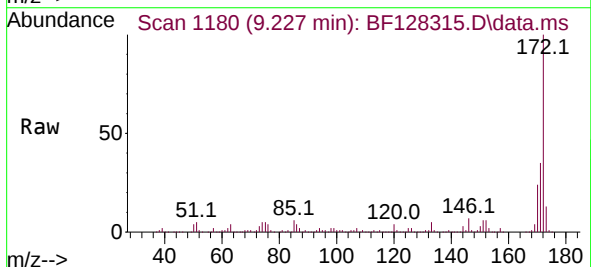
Instrument :
BNA_F
ClientSampleId :
SLP-1

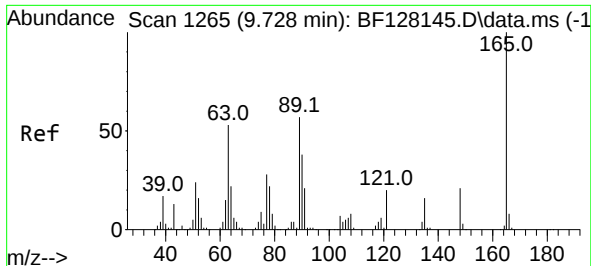
Tgt Ion:330 Resp: 230897
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 34.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 84.638 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

Tgt Ion:172 Resp: 914906
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.927 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.200 min

Lab File: BF128315.D

Acq: 18 May 2022 16:58

Instrument :

BNA_F

ClientSampleId :

SLP-1

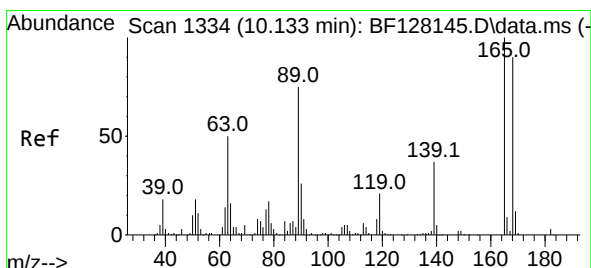
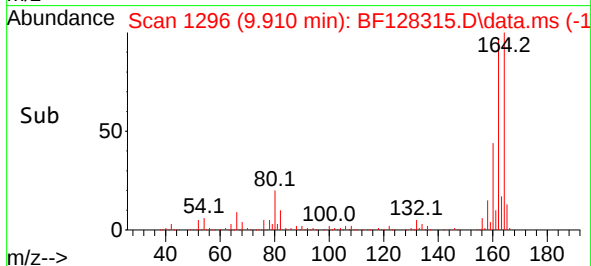
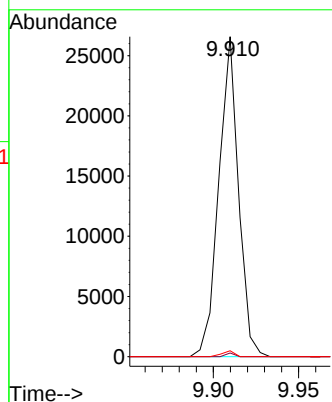
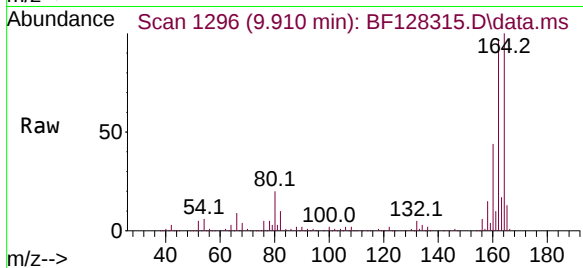
Tgt Ion:165 Resp: 21373

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.676 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.212 min

Lab File: BF128315.D

Acq: 18 May 2022 16:58

Tgt Ion:165 Resp: 21373

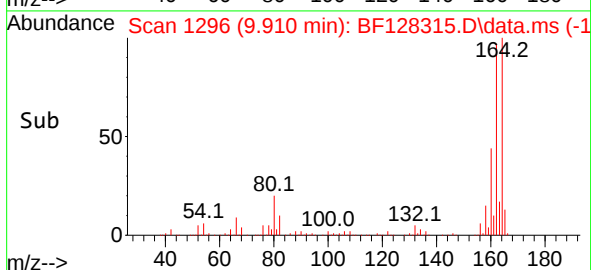
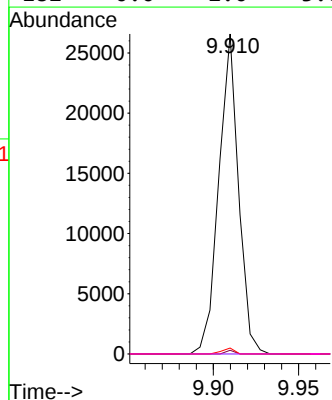
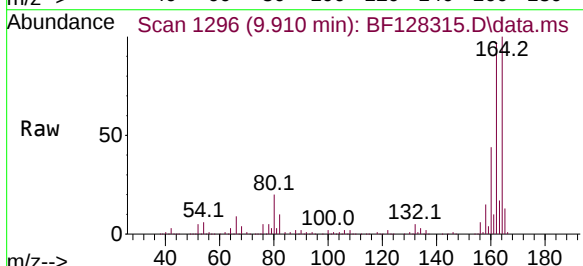
Ion Ratio Lower Upper

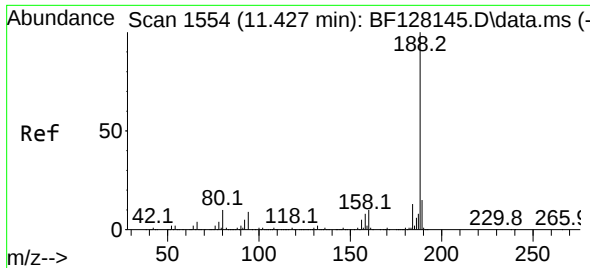
165 100

63 1.2 32.6 49.0#

89 1.8 55.2 82.8#

182 0.0 2.0 3.0#

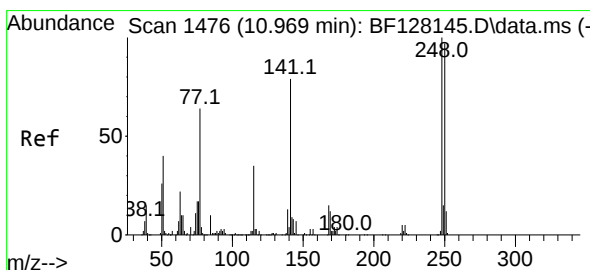
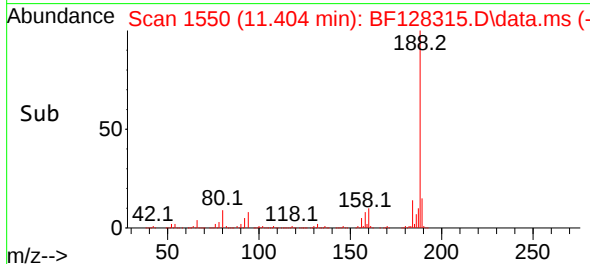
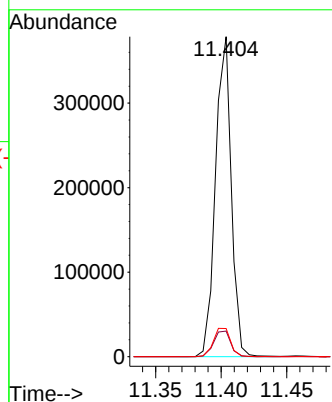
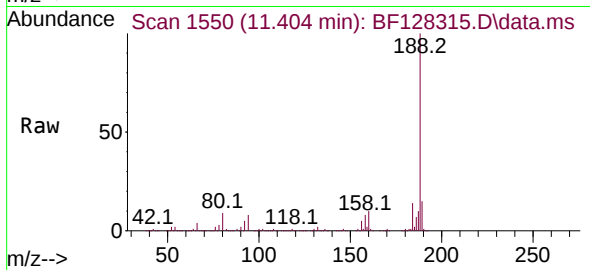




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

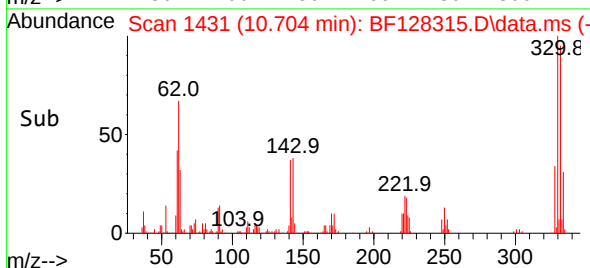
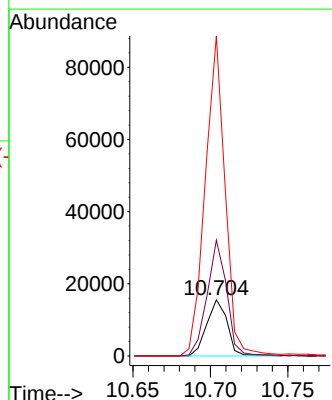
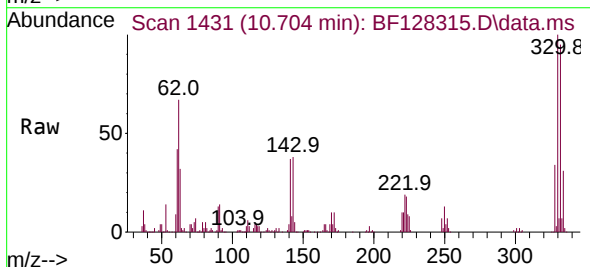
Instrument :
BNA_F
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SLP-1

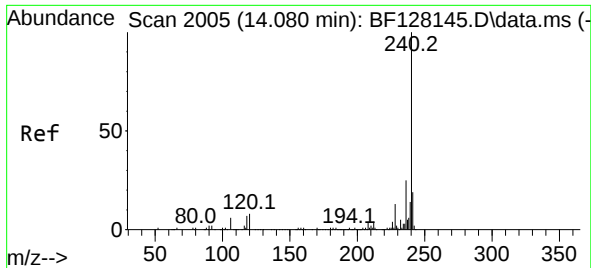
Tgt Ion:188 Resp: 315843
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0#
80 8.8 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.224 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.253 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

Tgt Ion:248 Resp: 14354
Ion Ratio Lower Upper
248 100
250 206.3 77.7 116.5#
141 570.0 65.6 98.4#

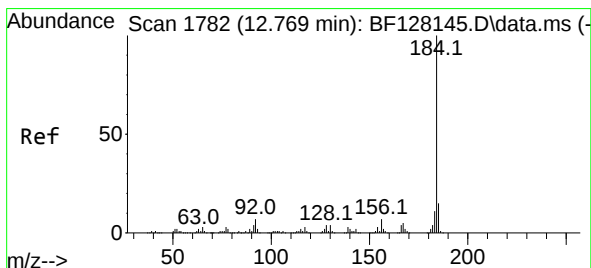
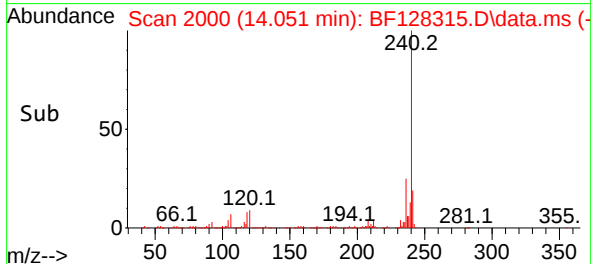
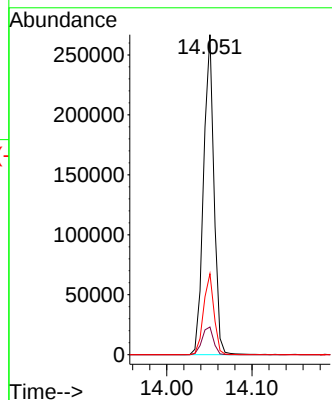
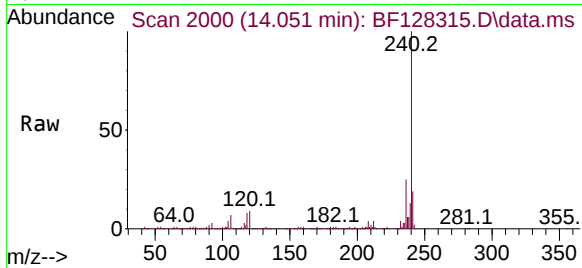




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

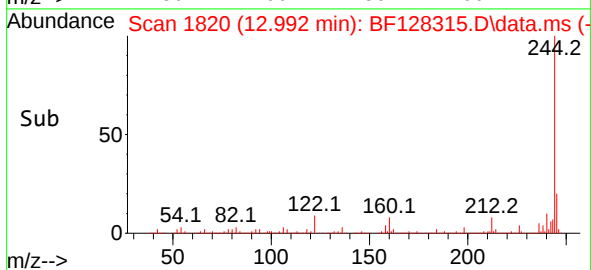
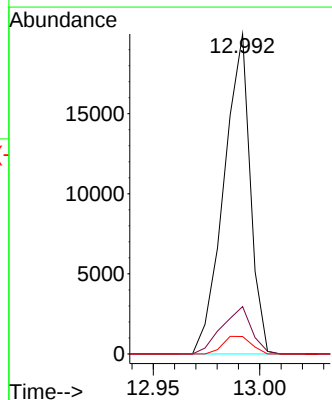
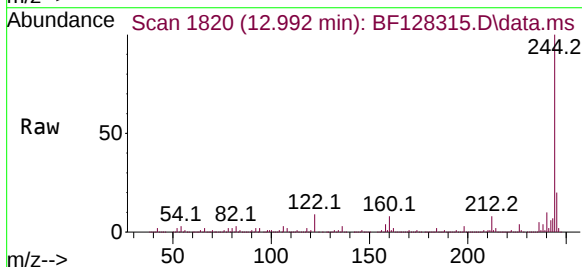
Instrument :
BNA_F
ClientSampleId :
SLP-1

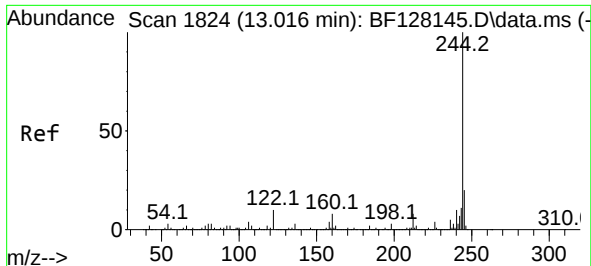
Tgt Ion:240 Resp: 226254
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.3 20.3 30.5



#77
Benzidine
Concen: 3.503 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128315.D
Acq: 18 May 2022 16:58

Tgt Ion:184 Resp: 17166
Ion Ratio Lower Upper
184 100
185 14.8 12.1 18.1
183 5.5 9.0 13.4#

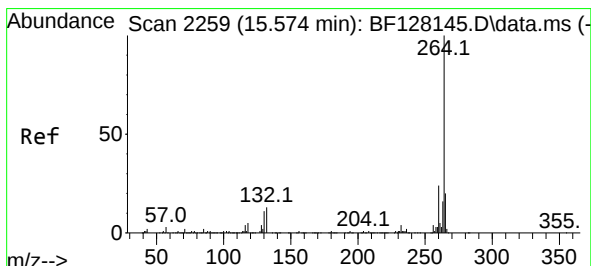
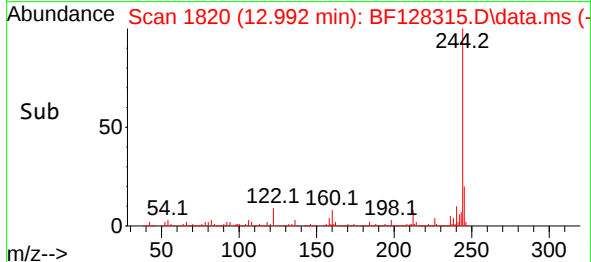
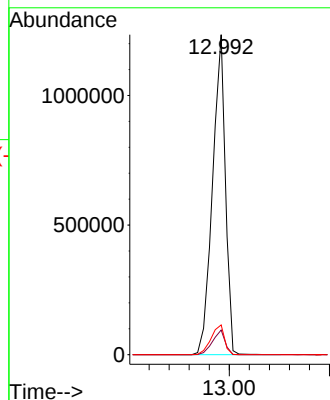
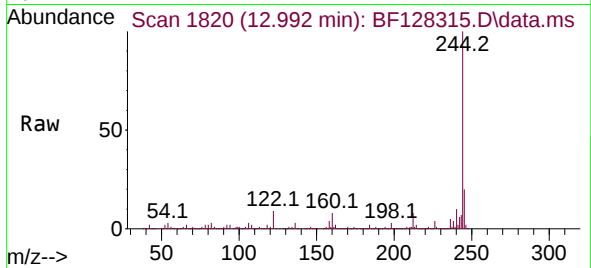




#79
 Terphenyl-d14
 Concen: 91.413 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128315.D
 Acq: 18 May 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 SLP-1

Tgt Ion:244 Resp: 1102235
 Ion Ratio Lower Upper
 244 100
 212 7.7 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: BF128315.D
 Acq: 18 May 2022 16:58

Tgt Ion:264 Resp: 179684
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 22.7 17.5 26.3

