

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128348.D
 Acq On : 19 May 2022 20:55
 Operator : CG\JU
 Sample : N2864-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-1218-01

Quant Time: May 20 02:47:11 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)

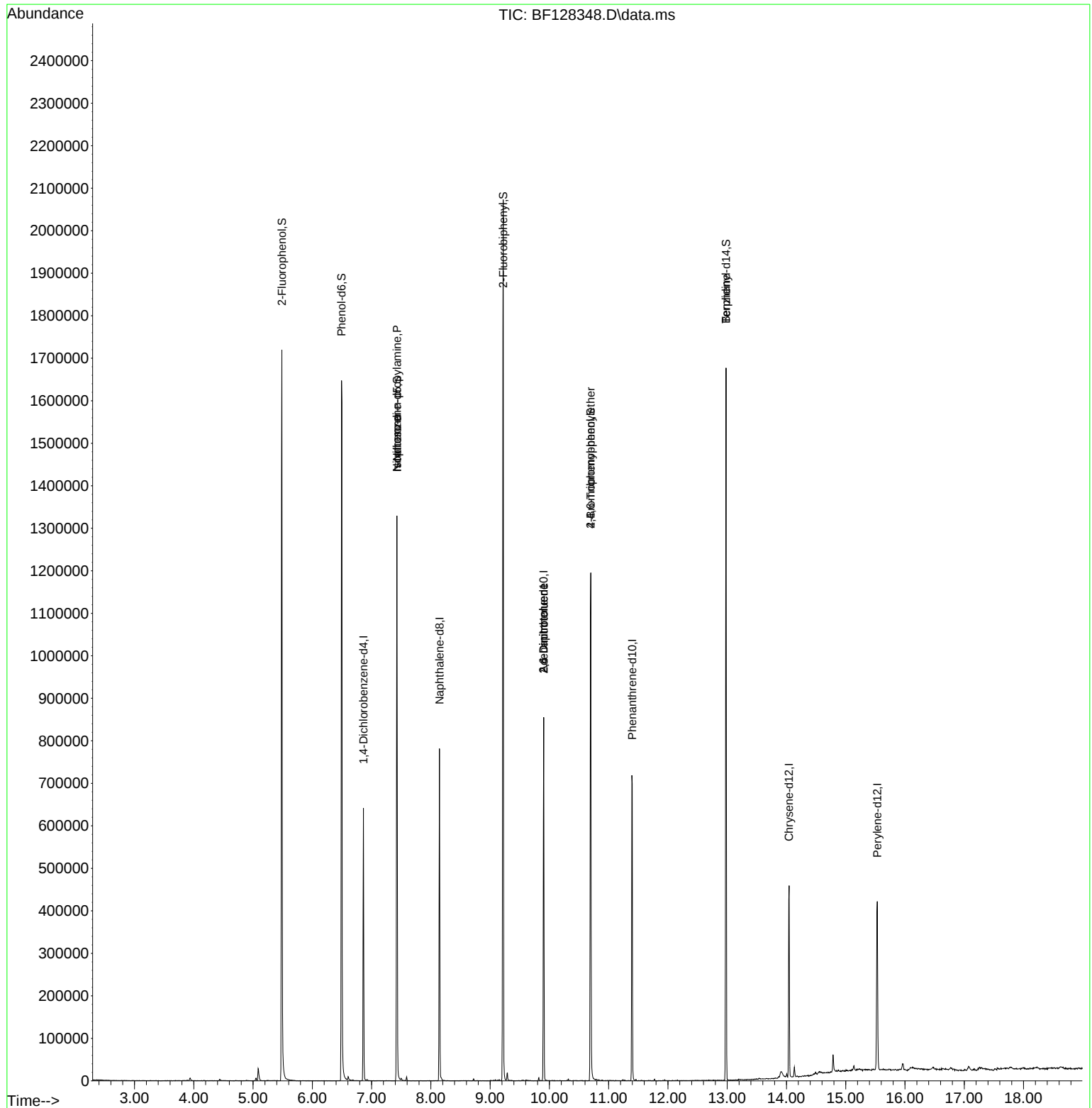
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81383	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	308475	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	165929	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	278578	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160467	20.000	ng	-0.01
86) Perylene-d12	15.533	264	183617	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	435304	85.268	ng	0.00
7) Phenol-d6	6.492	99	554131	82.065	ng	-0.02
23) Nitrobenzene-d5	7.428	82	405728	59.183	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	141669	74.445	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	621511	58.608	ng	-0.01
79) Terphenyl-d14	12.980	244	525519	61.451	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	944	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	54076	13.004	ng	# 79
25) Isophorone	7.428	82	405771	37.754	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	21231	9.039	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21231	6.760	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	8820	2.943	ng	# 1
77) Benzidine	12.980	184	7383	2.124	ng	# 93

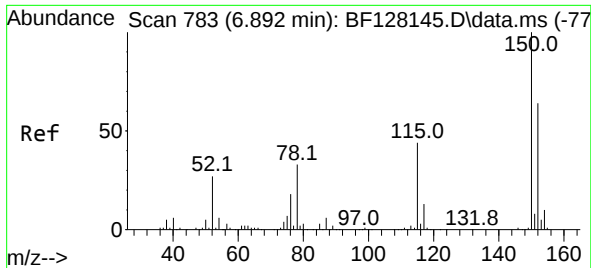
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
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ClientSampleId :
P011-SS003-1218-01

Quant Time: May 20 02:47:11 2022
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Response via : Initial Calibration

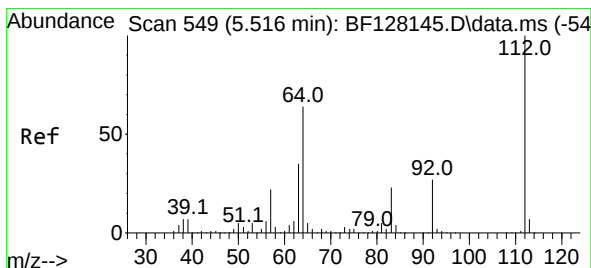
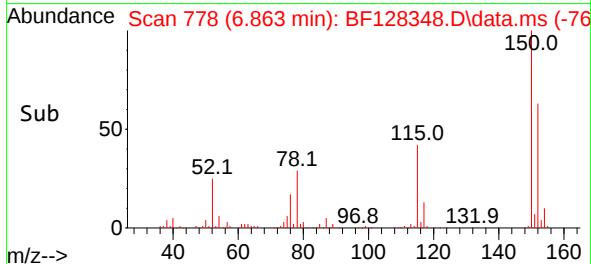
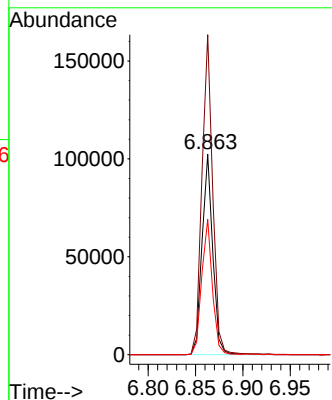
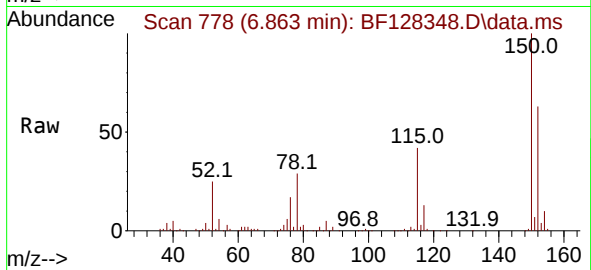




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

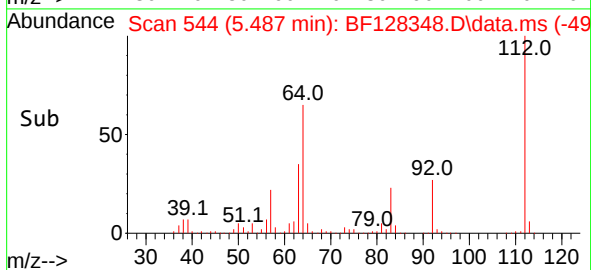
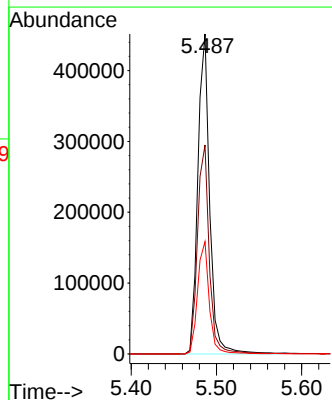
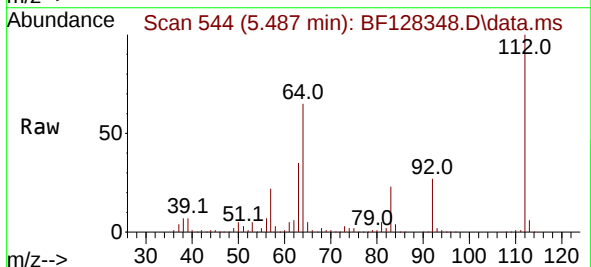
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1218-01

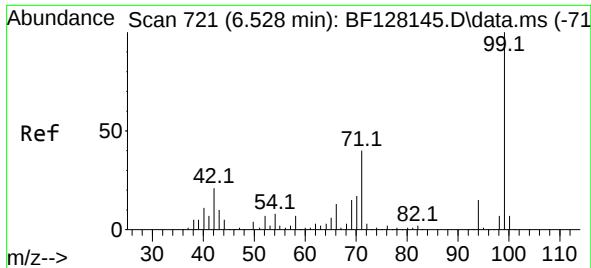
Tgt Ion:152 Resp: 81383
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 67.5 48.8 73.2



#5
2-Fluorophenol
Concen: 85.268 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Tgt Ion:112 Resp: 435304
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 35.1 26.3 39.5

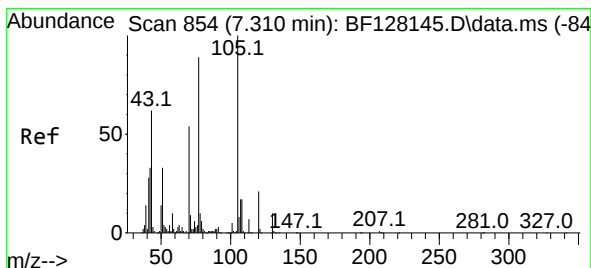
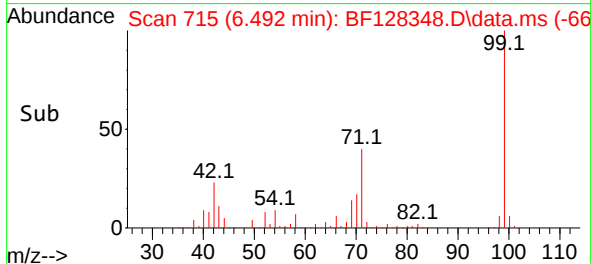
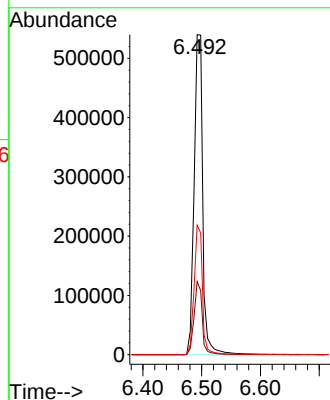
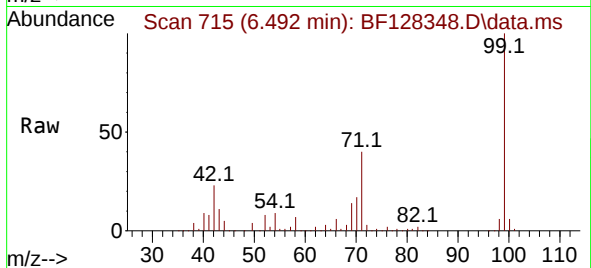




#7
Phenol-d6
Concen: 82.065 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.018 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

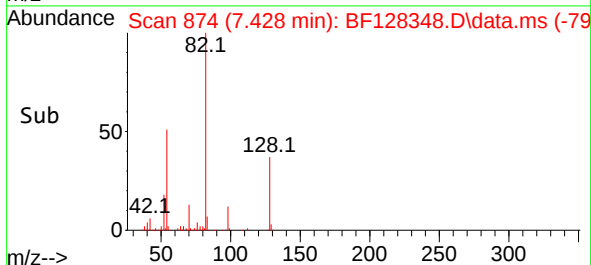
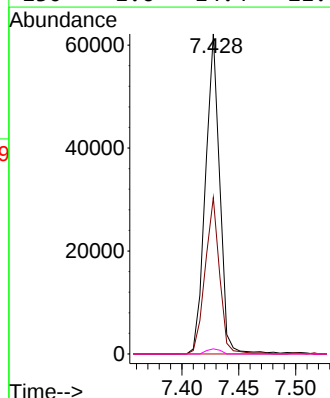
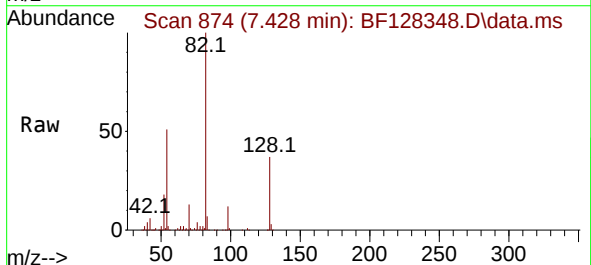
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1218-01

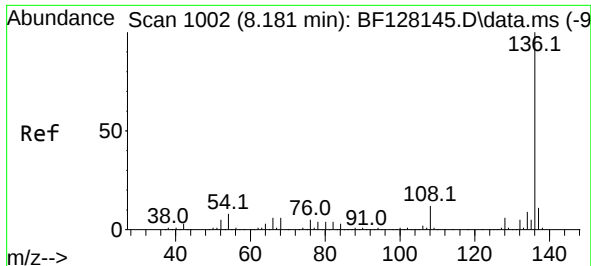
Tgt Ion: 99 Resp: 554131
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.004 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Tgt Ion: 70 Resp: 54076
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

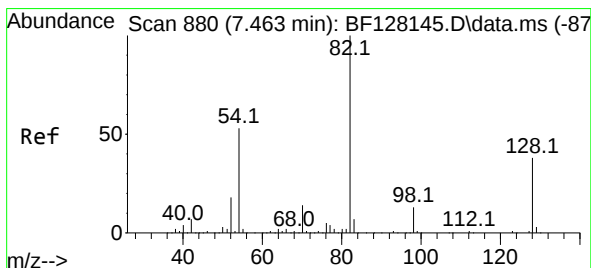
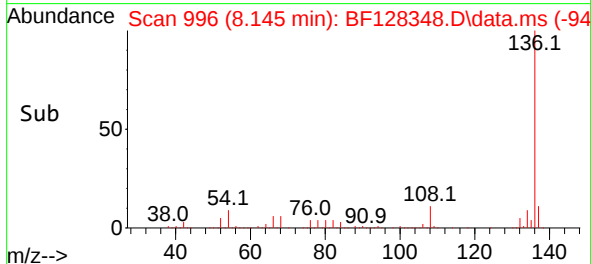
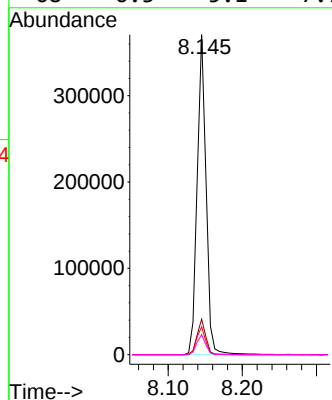
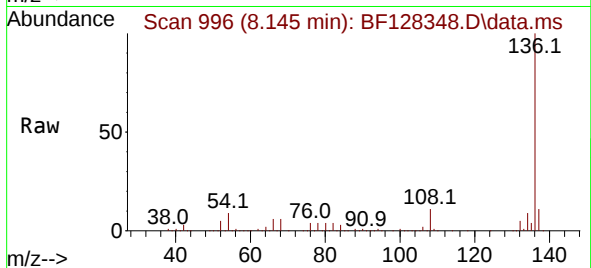




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

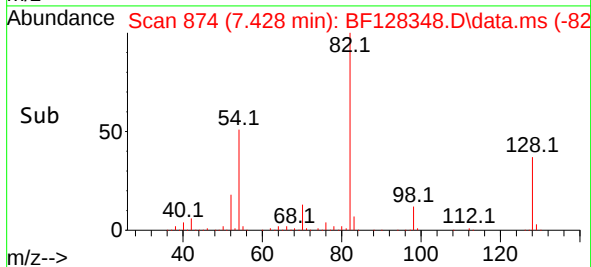
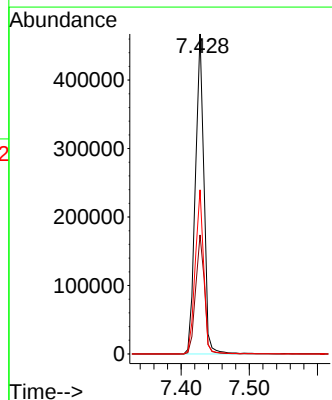
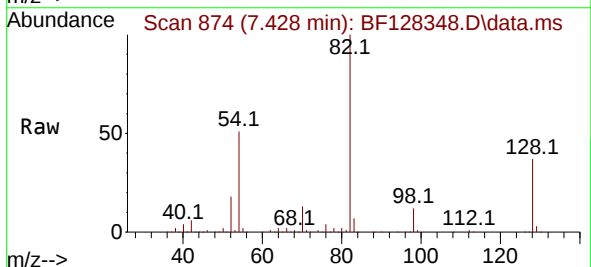
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1218-01

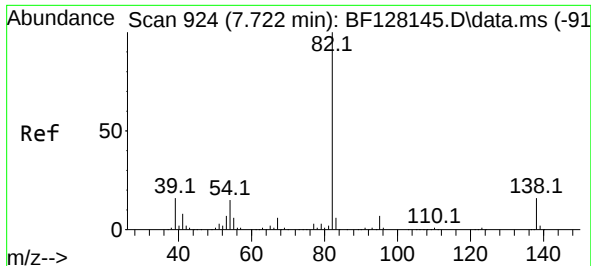
Tgt Ion:136	Resp: 308475
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.7	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 59.183 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.018 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Tgt Ion: 82	Resp: 405728
Ion Ratio	Lower Upper
82 100	
128 37.2	30.0 45.0
54 51.3	41.3 61.9

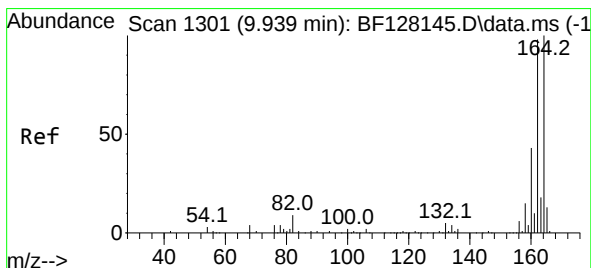
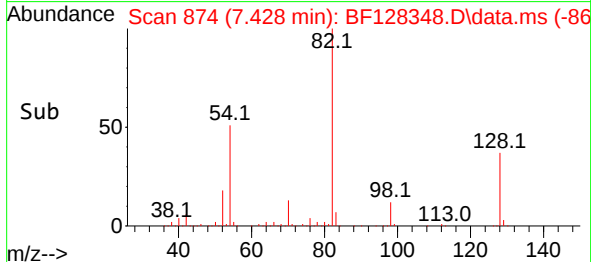
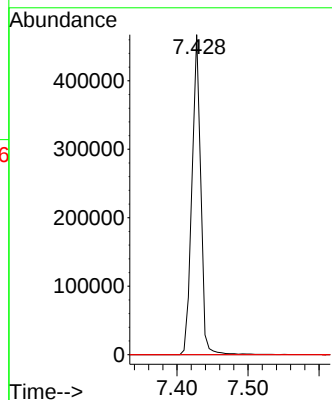
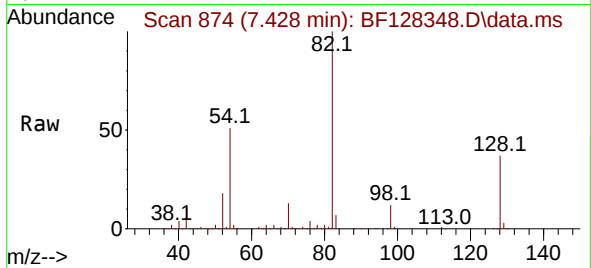




#25
Isophorone
Concen: 37.754 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

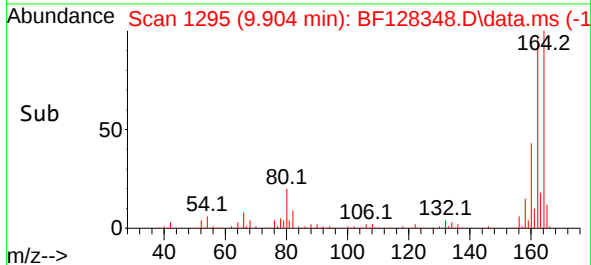
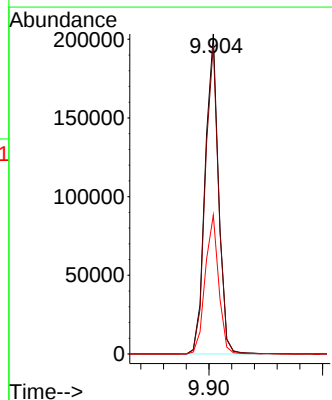
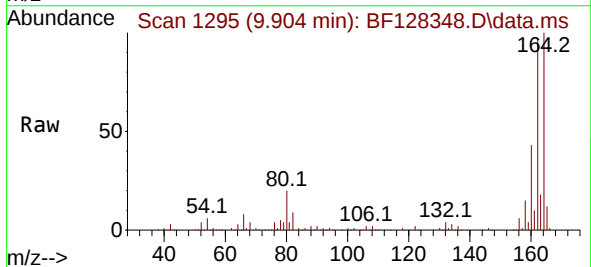
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1218-01

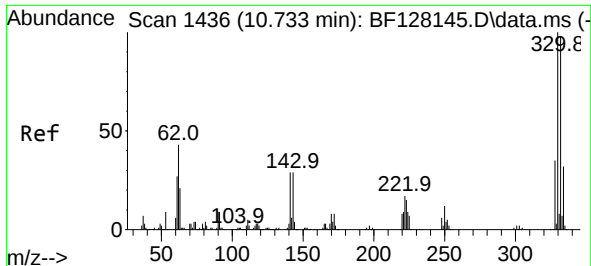
Tgt Ion: 82 Resp: 405771
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Tgt Ion:164 Resp: 165929
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 74.445 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128348.D

Acq: 19 May 2022 20:55

Instrument :

BNA_F

ClientSampleId :

P011-SS003-1218-01

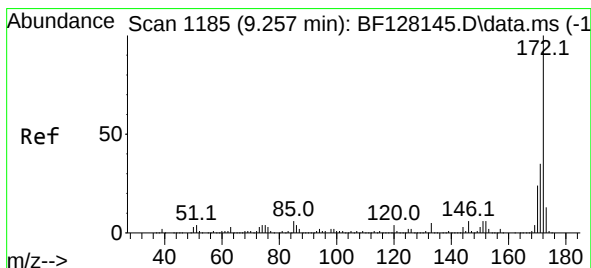
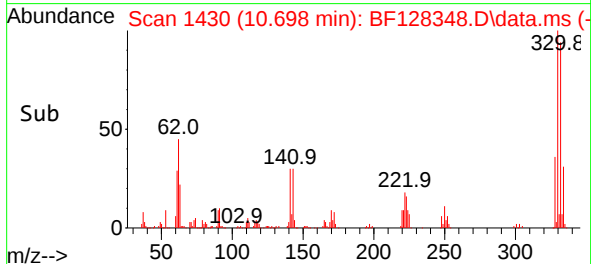
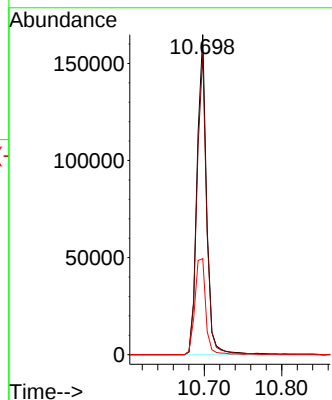
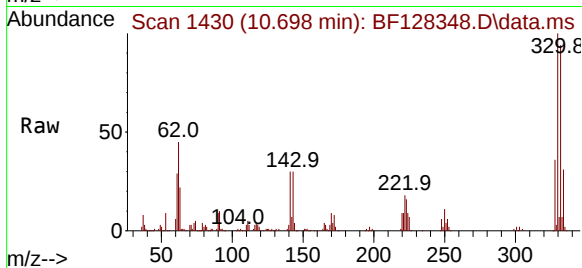
Tgt Ion:330 Resp: 141669

Ion Ratio Lower Upper

330 100

332 94.2 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 58.608 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128348.D

Acq: 19 May 2022 20:55

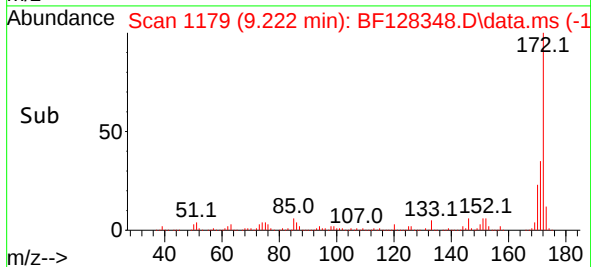
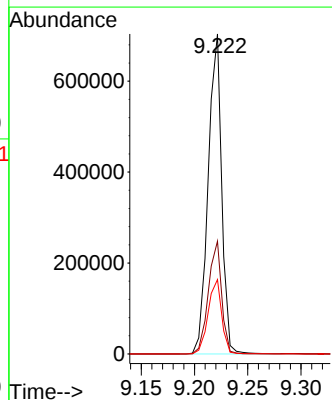
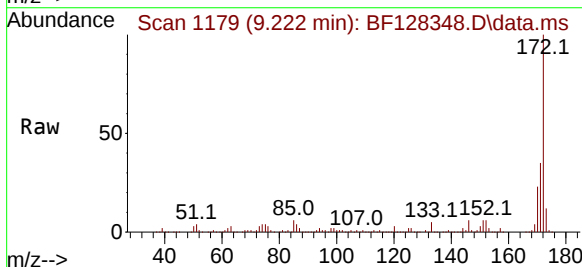
Tgt Ion:172 Resp: 621511

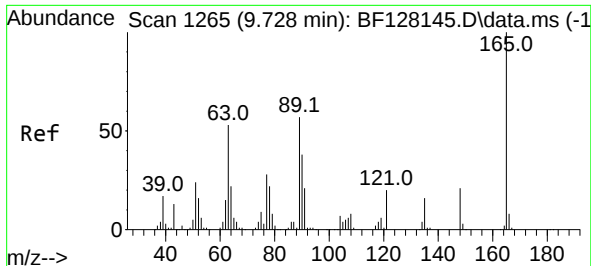
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.039 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF128348.D

Acq: 19 May 2022 20:55

Instrument :

BNA_F

ClientSampleId :

P011-SS003-1218-01

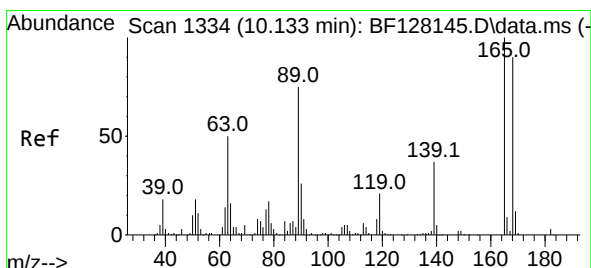
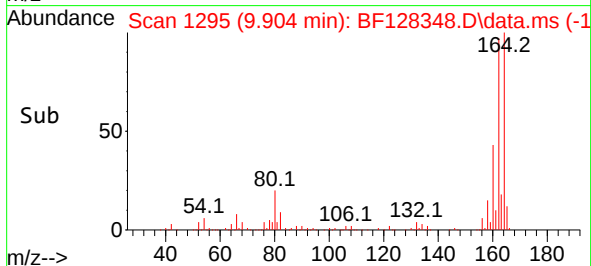
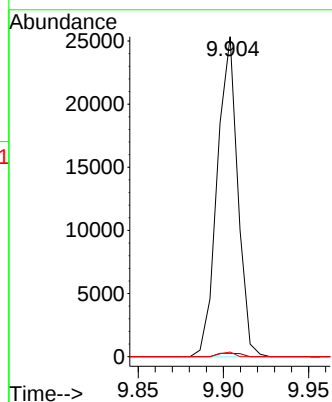
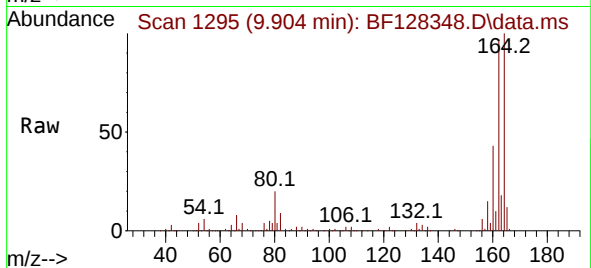
Tgt Ion:165 Resp: 21231

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.760 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.212 min

Lab File: BF128348.D

Acq: 19 May 2022 20:55

Tgt Ion:165 Resp: 21231

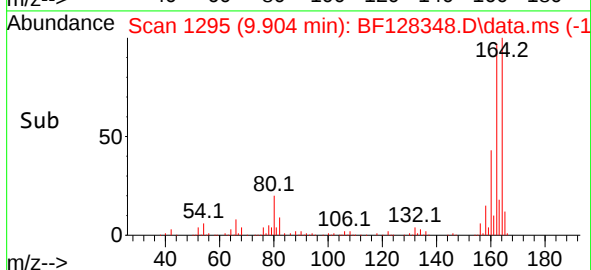
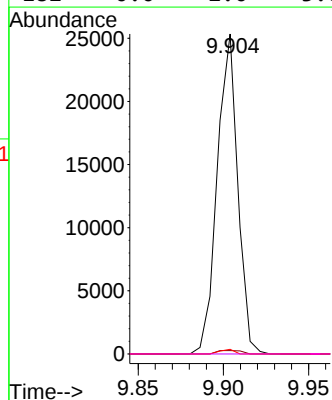
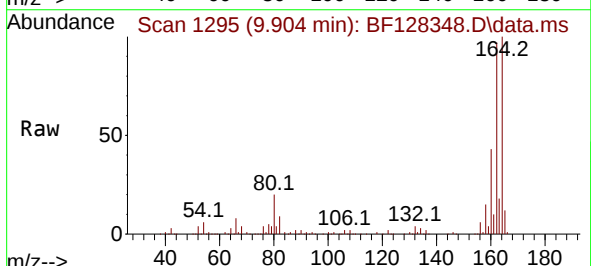
Ion Ratio Lower Upper

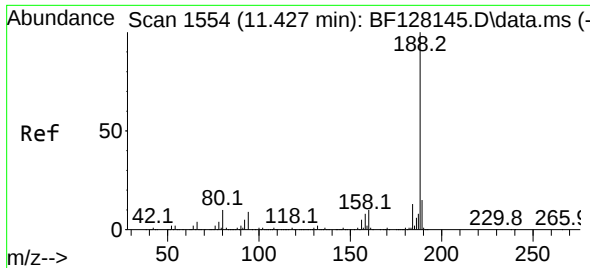
165 100

63 1.1 32.6 49.0#

89 1.4 55.2 82.8#

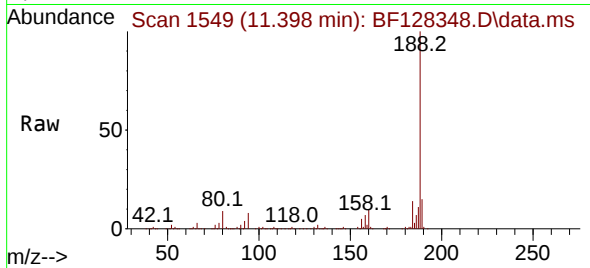
182 0.0 2.0 3.0#



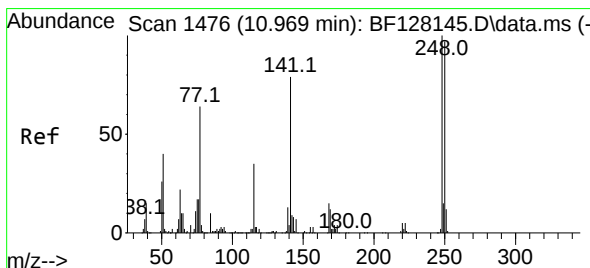
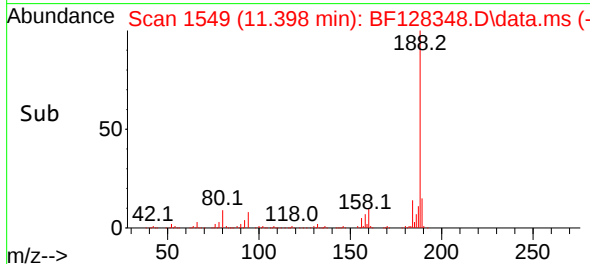
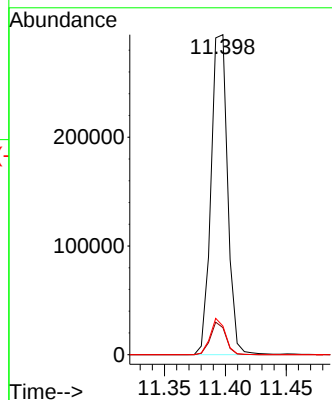


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Instrument :
BNA_F
ClientSampleId :
P011-SS003-1218-01

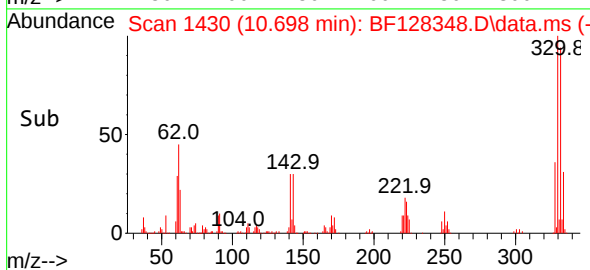
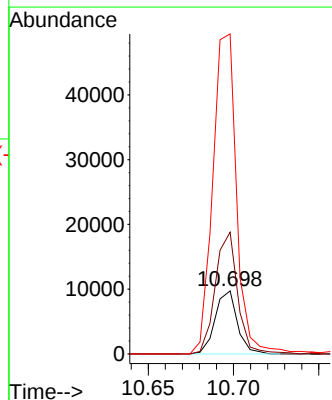
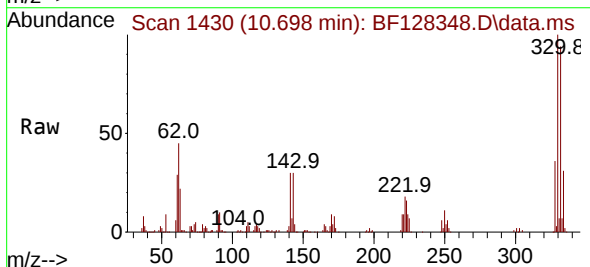


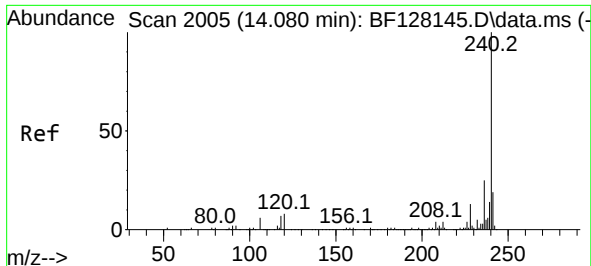
Tgt Ion:188 Resp: 278578
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 8.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.943 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Tgt Ion:248 Resp: 8820
Ion Ratio Lower Upper
248 100
250 193.1 77.7 116.5#
141 507.3 65.6 98.4#

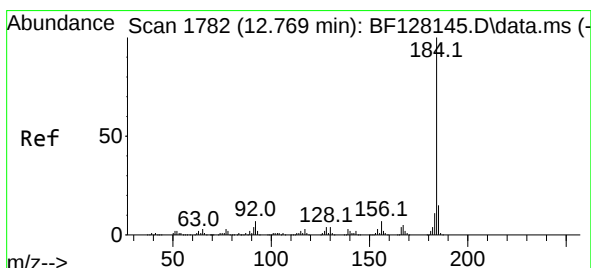
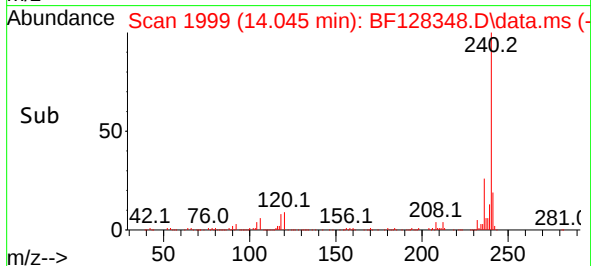
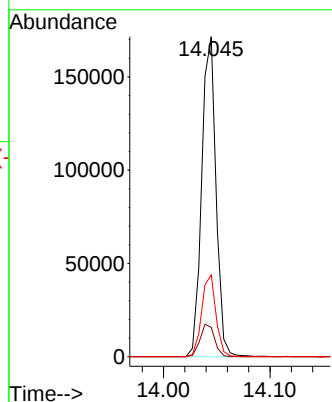
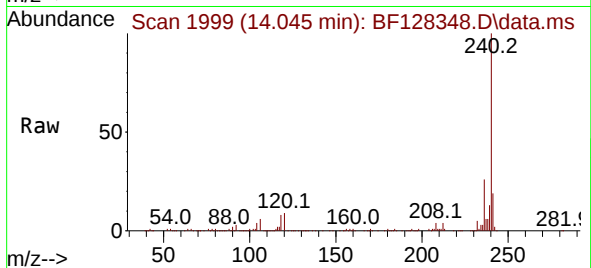




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

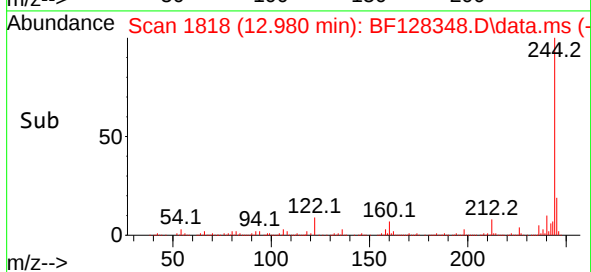
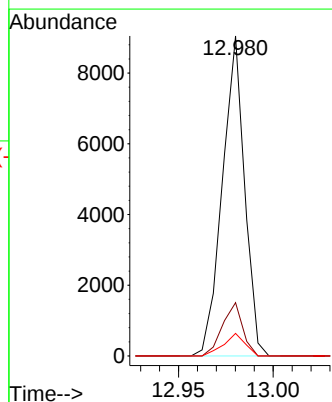
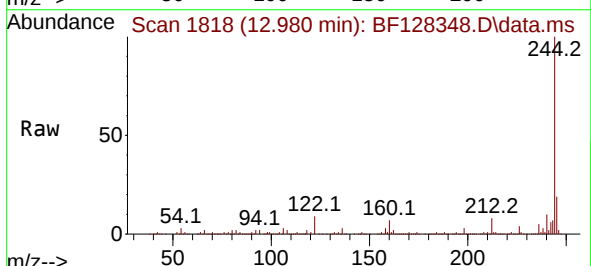
Instrument :
BNA_F
ClientSampleId :
P011-SS003-1218-01

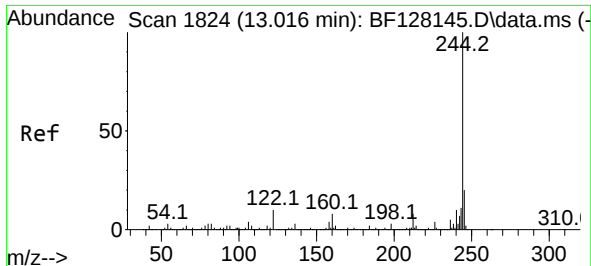
Tgt Ion:240 Resp: 160467
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.124 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.235 min
Lab File: BF128348.D
Acq: 19 May 2022 20:55

Tgt Ion:184 Resp: 7383
Ion Ratio Lower Upper
184 100
185 16.6 12.1 18.1
183 7.0 9.0 13.4#

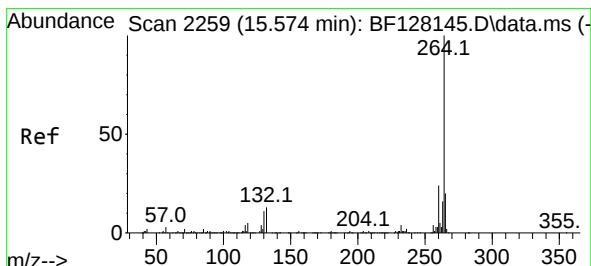
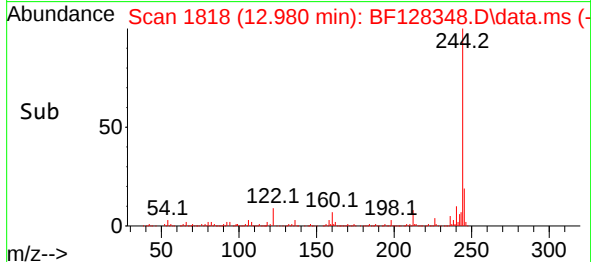
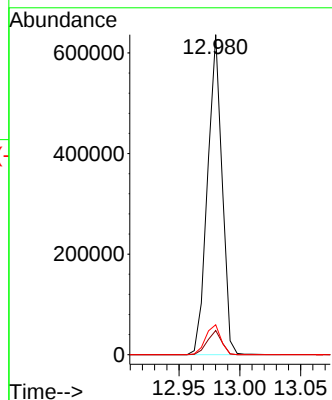
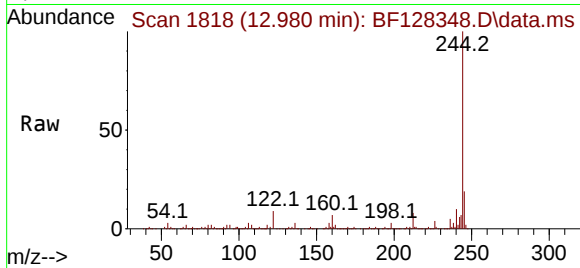




#79
 Terphenyl-d14
 Concen: 61.451 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128348.D
 Acq: 19 May 2022 20:55

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-1218-01

Tgt Ion:244 Resp: 525519
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.4 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: BF128348.D
 Acq: 19 May 2022 20:55

Tgt Ion:264 Resp: 183617
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 21.0 17.5 26.3

