

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128400.D
 Acq On : 23 May 2022 15:04
 Operator : CG\JU
 Sample : N2873-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-0612-01

Quant Time: May 24 01:22:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

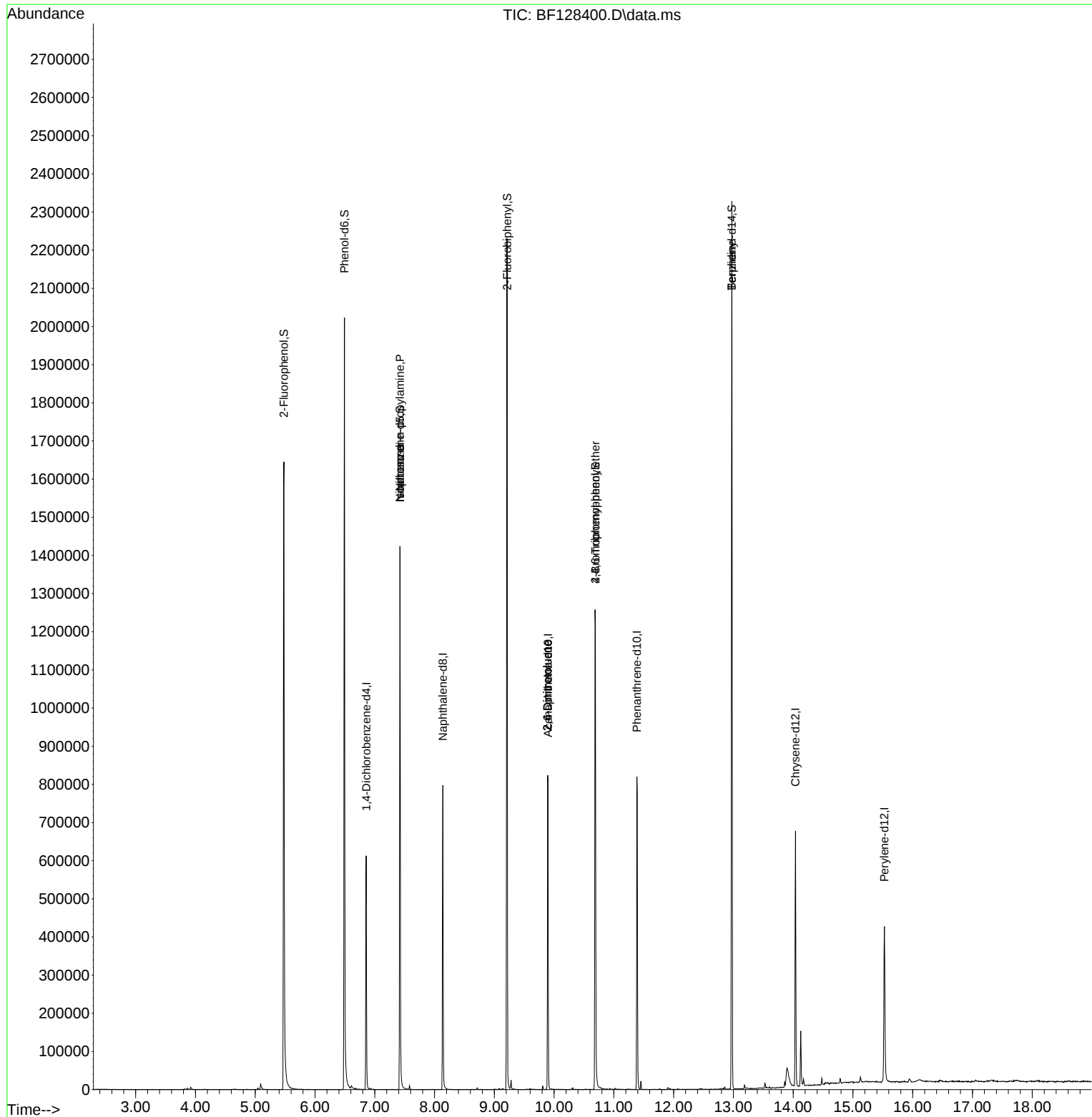
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	87303	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	330119	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	178262	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	322982	20.000	ng	0.00
76) Chrysene-d12	14.039	240	227481	20.000	ng	-0.01
86) Perylene-d12	15.527	264	197815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	499913	91.125	ng	0.00
7) Phenol-d6	6.492	99	626690	86.752	ng	0.00
23) Nitrobenzene-d5	7.422	82	428388	58.142	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	159587	86.807	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	701318	64.337	ng	0.00
79) Terphenyl-d14	12.974	244	755424	64.106	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	870	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	56169	13.001	ng	# 77
25) Isophorone	7.422	82	428384	37.940	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	23627	9.514	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	23627	7.551	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	9980	2.953	ng	# 1
77) Benizidine	12.974	184	10397	2.197	ng	# 93

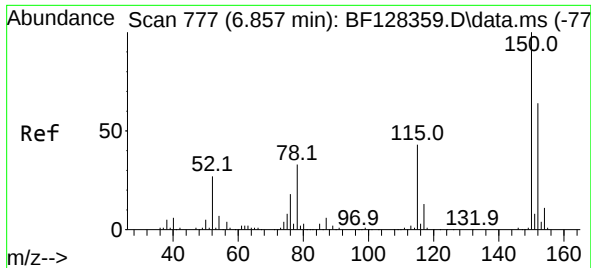
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
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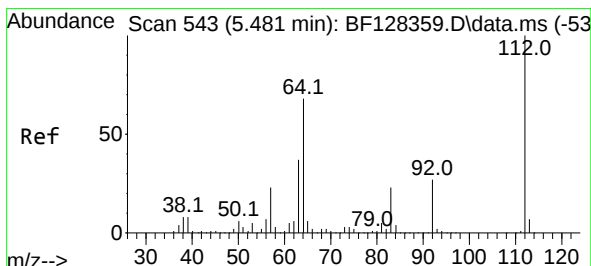
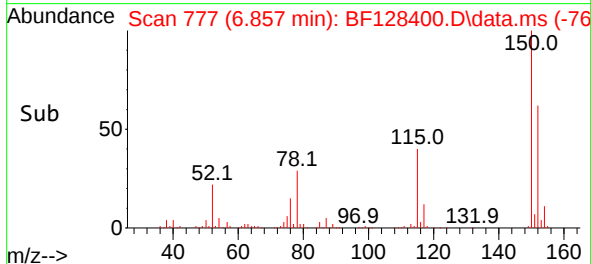
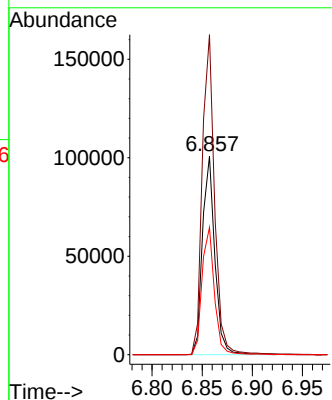
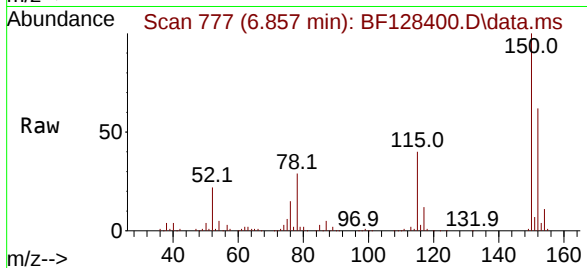




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

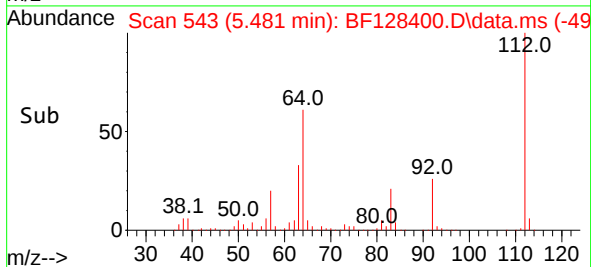
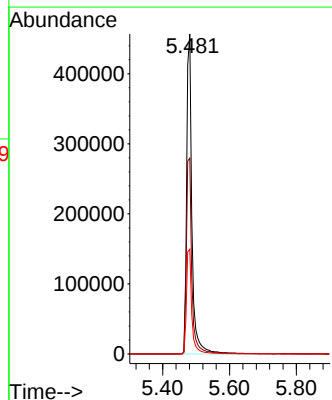
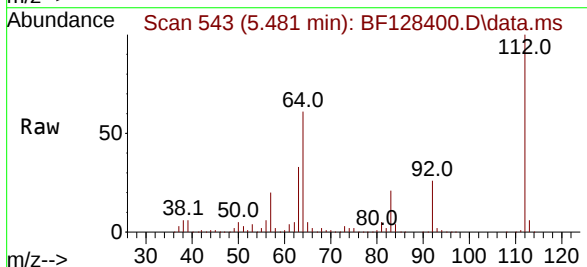
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01

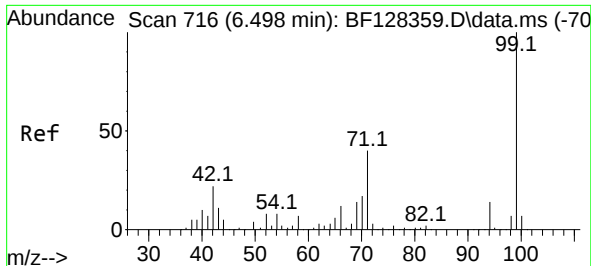
Tgt Ion:152 Resp: 87303
Ion Ratio Lower Upper
152 100
150 161.2 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 91.125 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

Tgt Ion:112 Resp: 499913
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 32.7 26.3 39.5

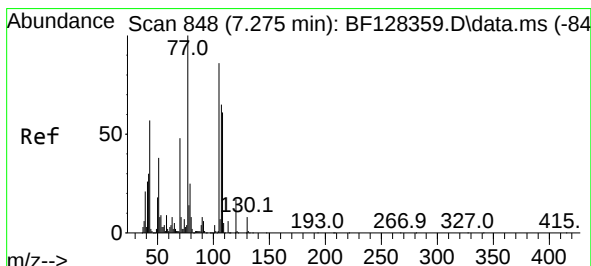
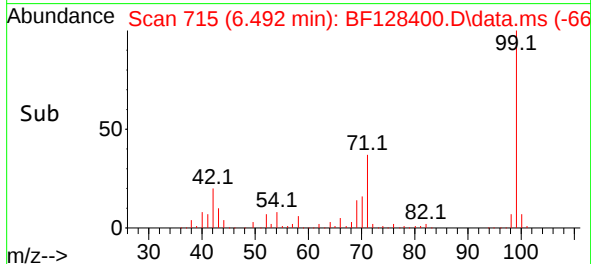
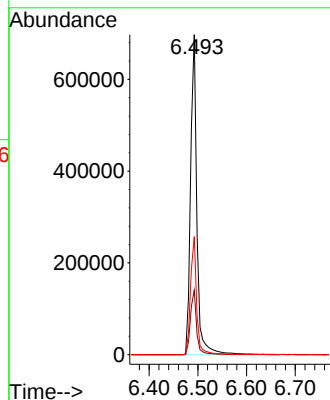
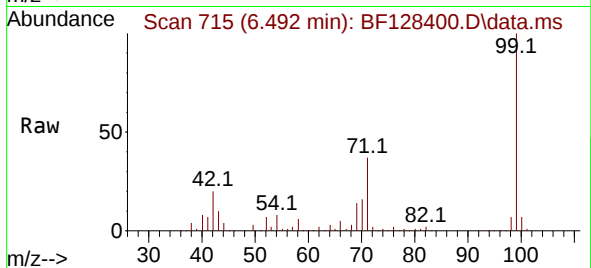




#7
Phenol-d6
Concen: 86.752 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

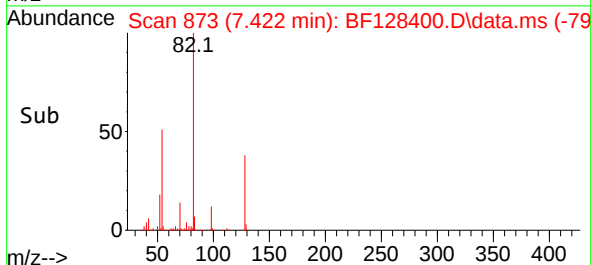
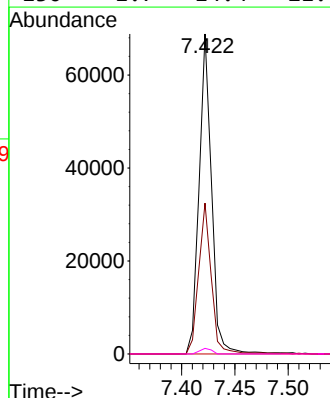
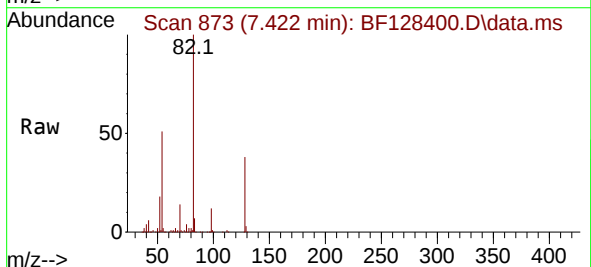
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01

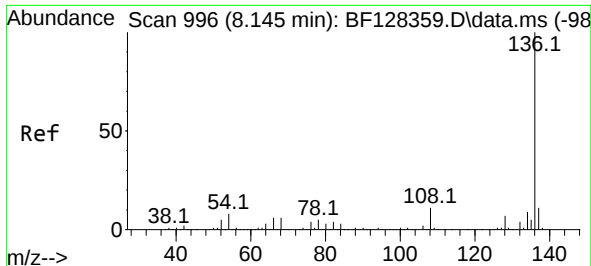
Tgt Ion: 99 Resp: 626690
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 36.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.001 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

Tgt Ion: 70 Resp: 56169
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

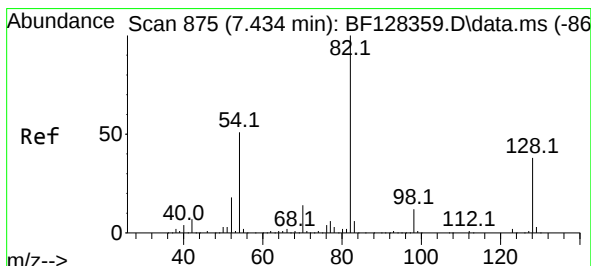
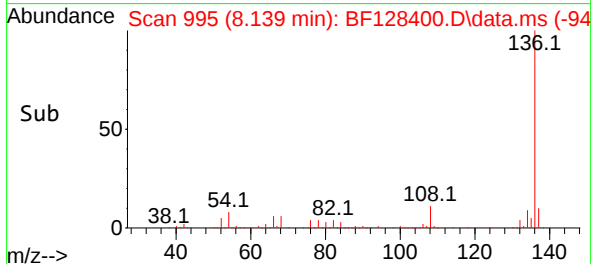
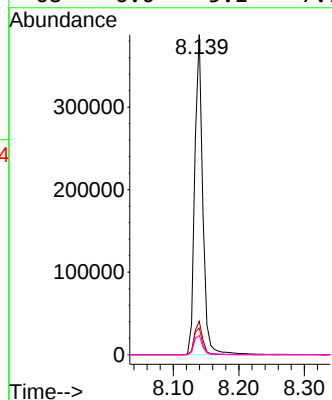
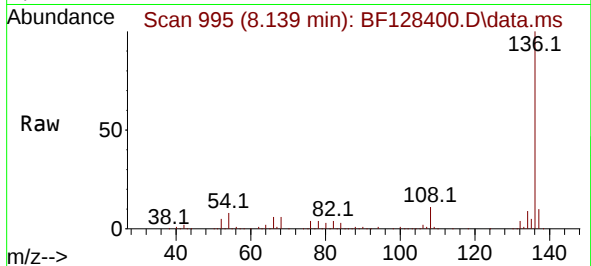




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

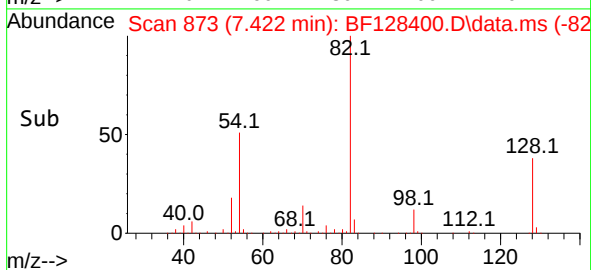
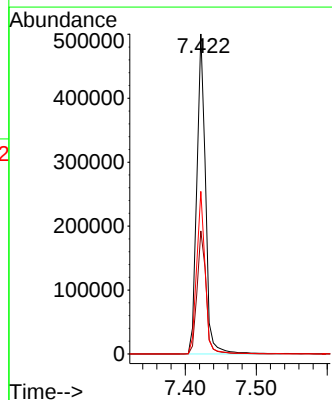
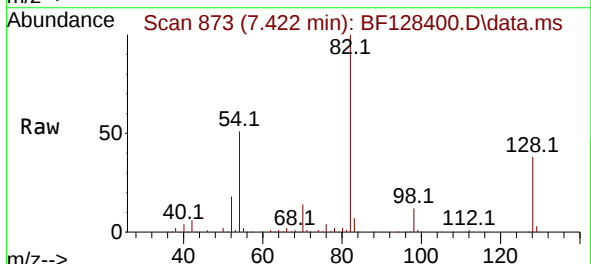
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01

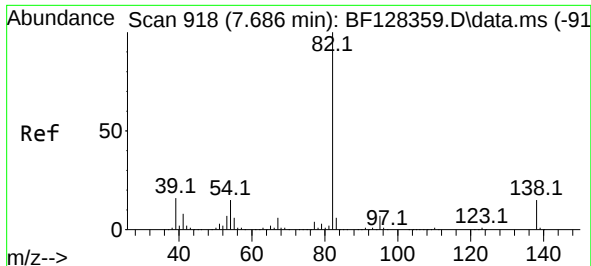
Tgt Ion:136	Resp: 330119
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 8.4	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 58.142 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

Tgt Ion: 82	Resp: 428388
Ion Ratio	Lower Upper
82 100	
128 38.5	30.0 45.0
54 50.8	41.3 61.9

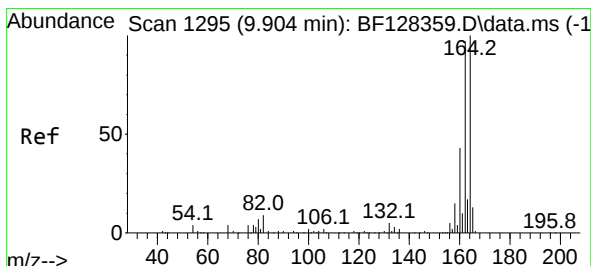
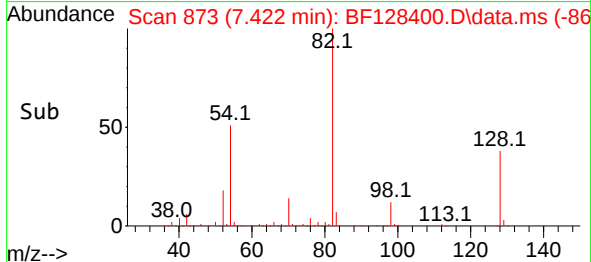
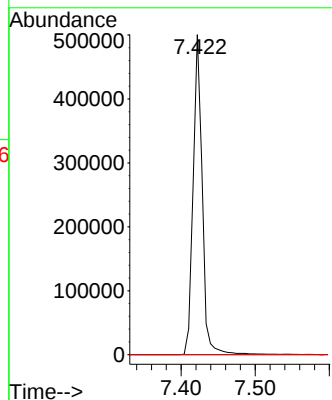
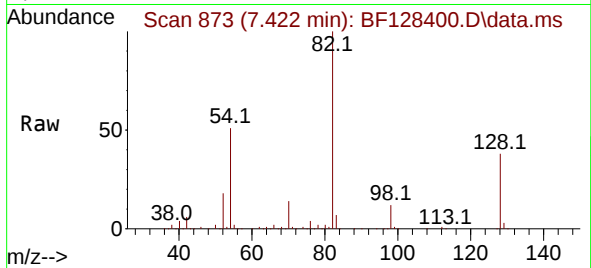




#25
Isophorone
Concen: 37.940 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

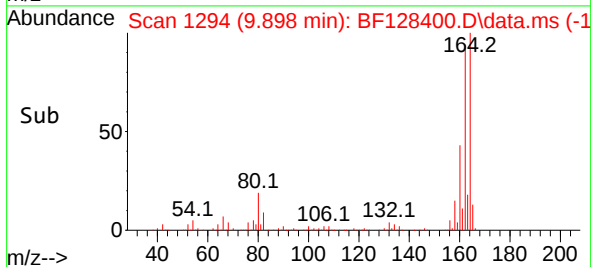
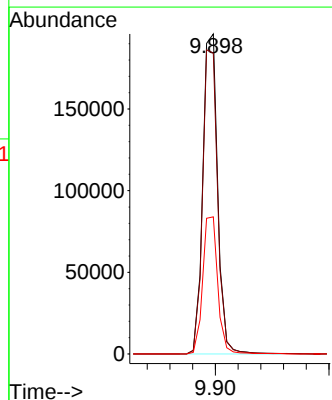
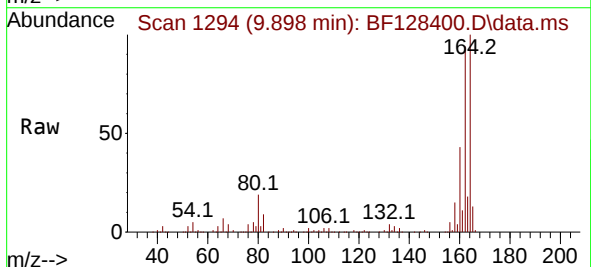
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01

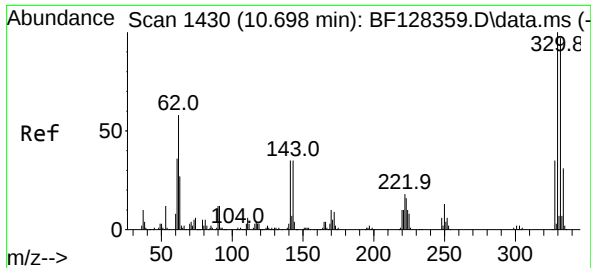
Tgt Ion: 82 Resp: 428384
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

Tgt Ion:164 Resp: 178262
Ion Ratio Lower Upper
164 100
162 94.0 76.0 114.0
160 42.8 34.8 52.2

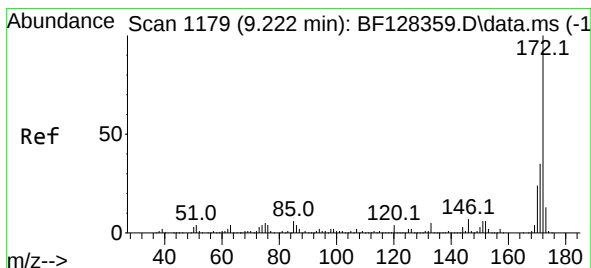
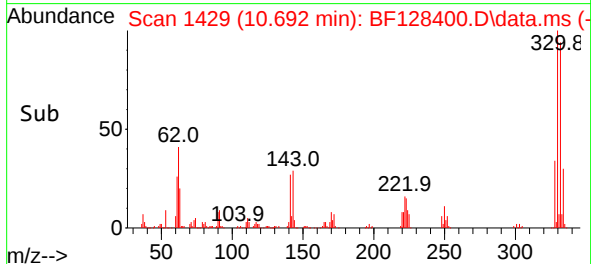
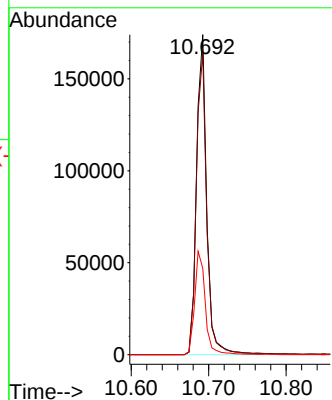
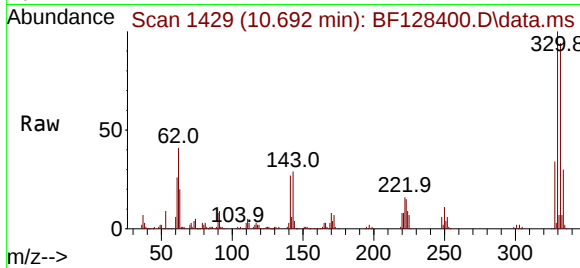




#42
2,4,6-Tribromophenol
Concen: 86.807 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

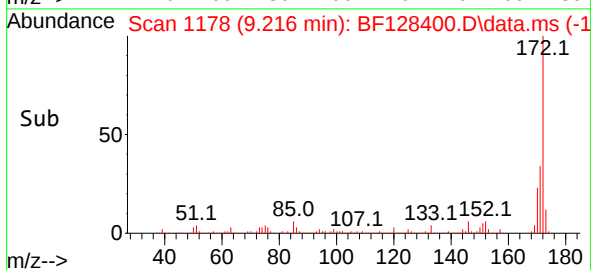
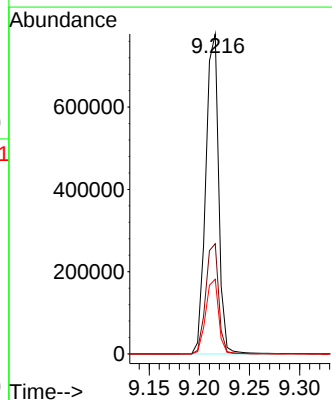
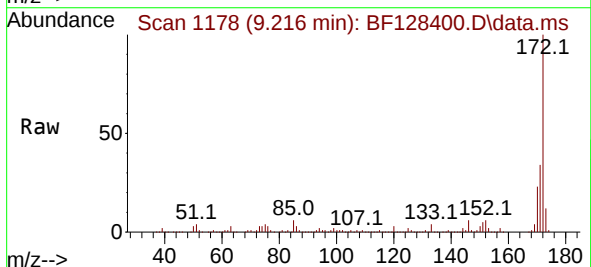
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01

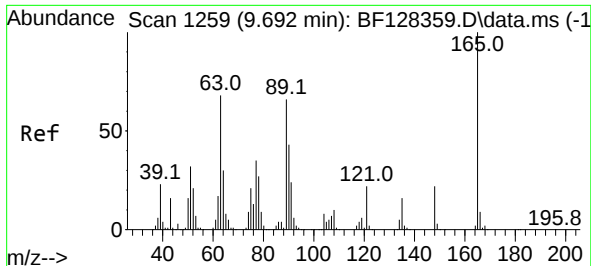
Tgt Ion:330 Resp: 159587
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 64.337 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

Tgt Ion:172 Resp: 701318
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.514 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128400.D

Acq: 23 May 2022 15:04

Instrument :

BNA_F

ClientSampleId :

P032-SS001-0612-01

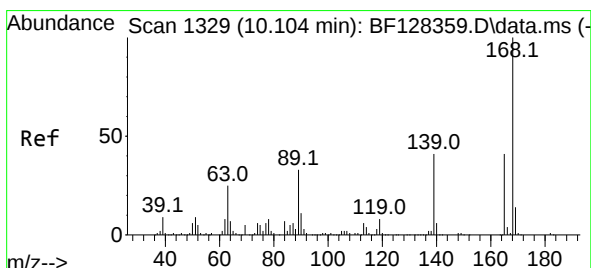
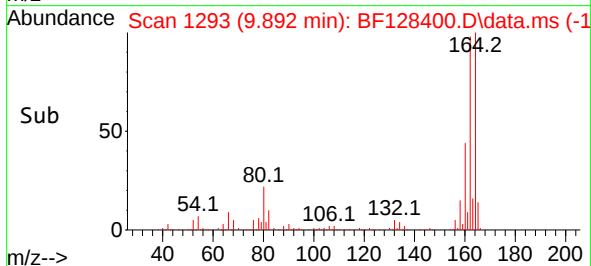
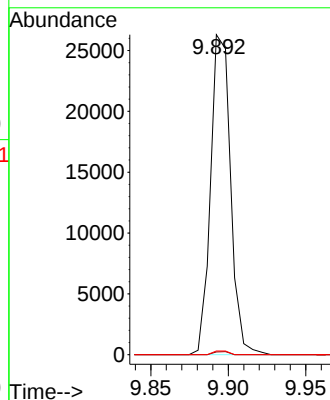
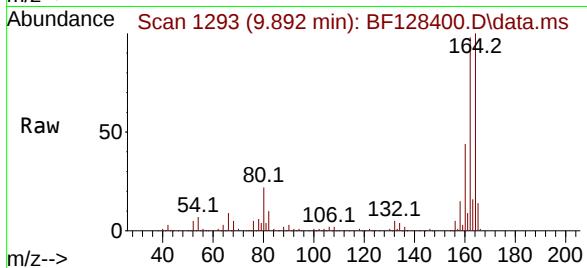
Tgt Ion:165 Resp: 23627

Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.551 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128400.D

Acq: 23 May 2022 15:04

Tgt Ion:165 Resp: 23627

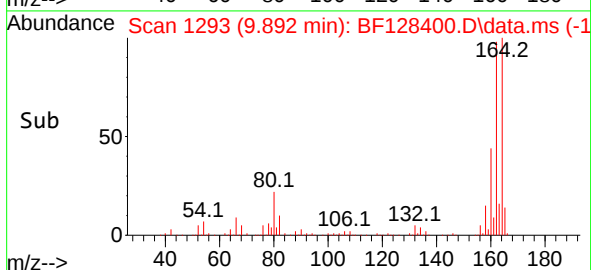
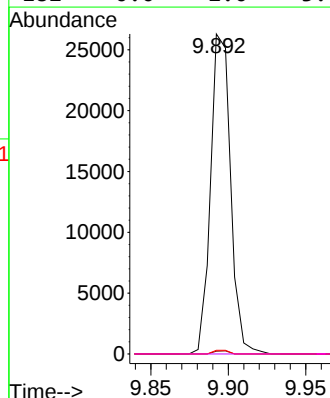
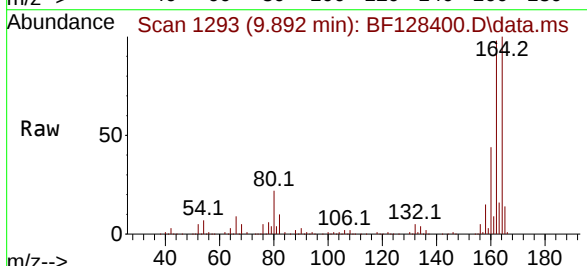
Ion Ratio Lower Upper

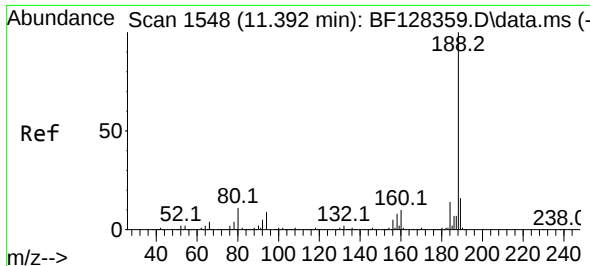
165 100

63 0.9 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

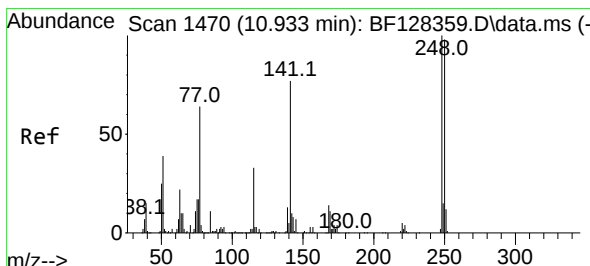
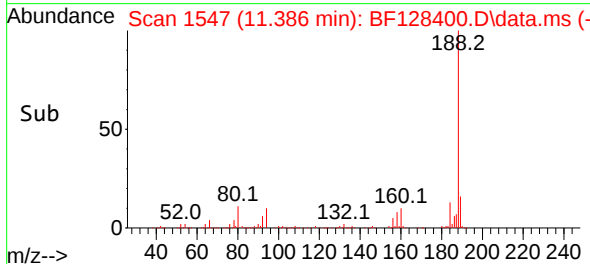
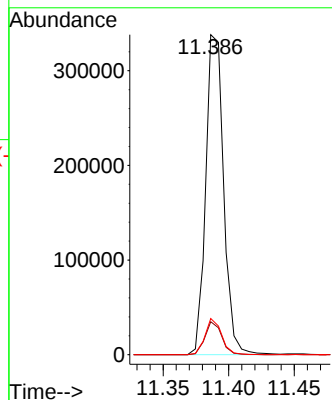
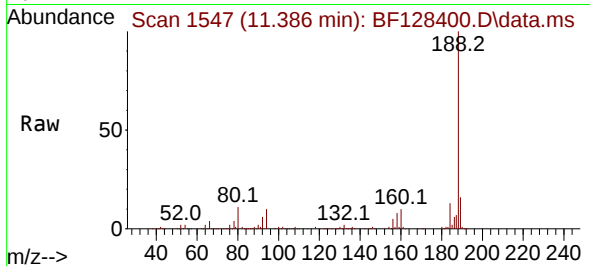




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

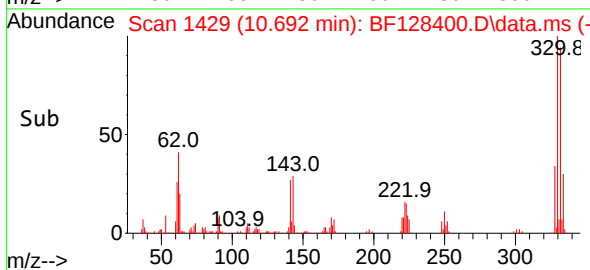
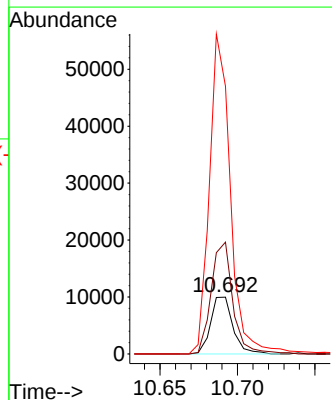
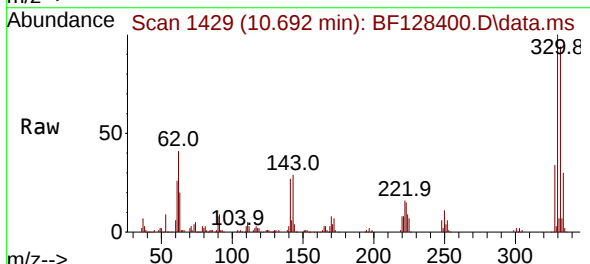
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01

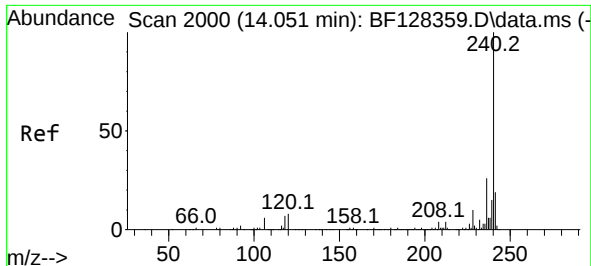
Tgt Ion:188 Resp: 322982
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.953 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

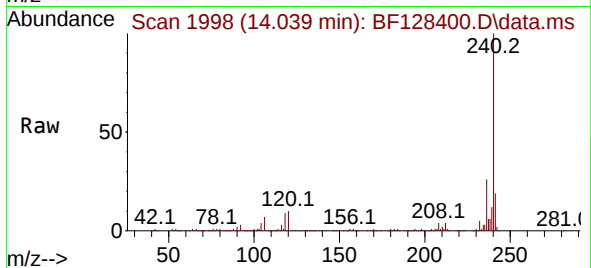
Tgt Ion:248 Resp: 9980
Ion Ratio Lower Upper
248 100
250 197.2 77.7 116.5#
141 471.7 65.6 98.4#



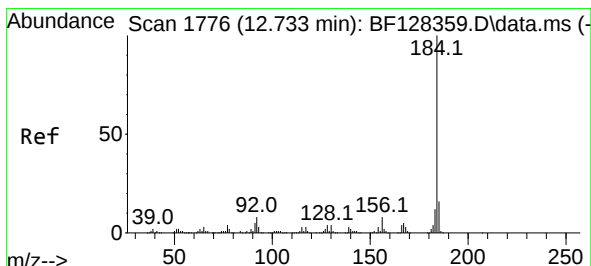
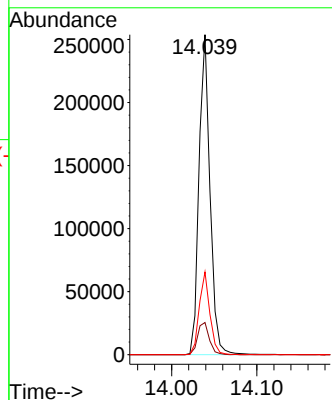
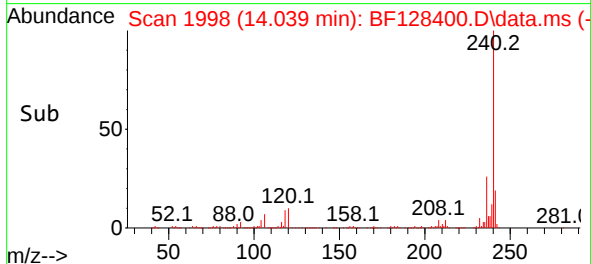


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04

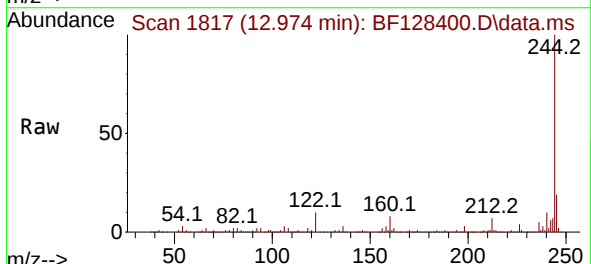
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0612-01



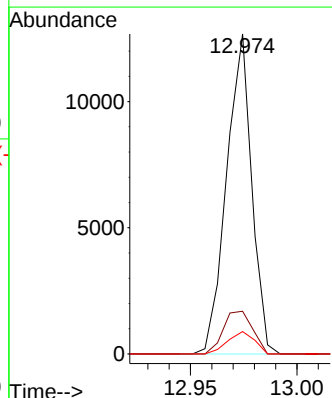
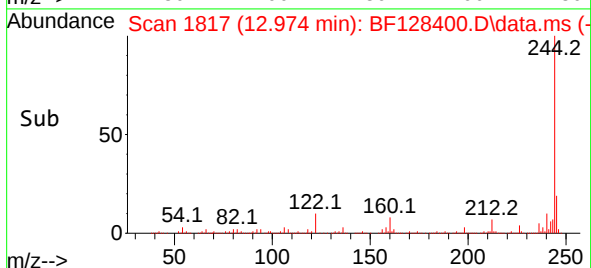
Tgt Ion:240 Resp: 227481
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.9 20.3 30.5

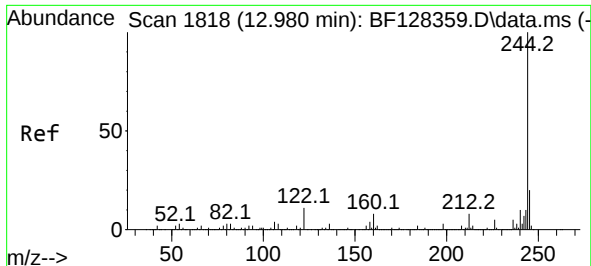


#77
Benzidine
Concen: 2.197 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128400.D
Acq: 23 May 2022 15:04



Tgt Ion:184 Resp: 10397
Ion Ratio Lower Upper
184 100
185 13.3 12.1 18.1
183 7.0 9.0 13.4#

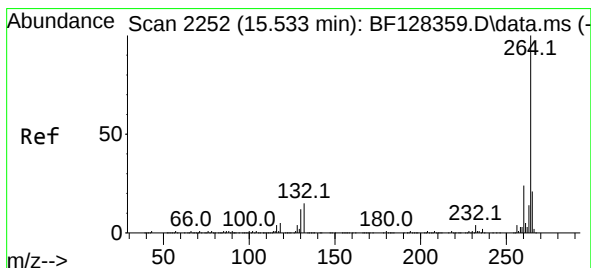
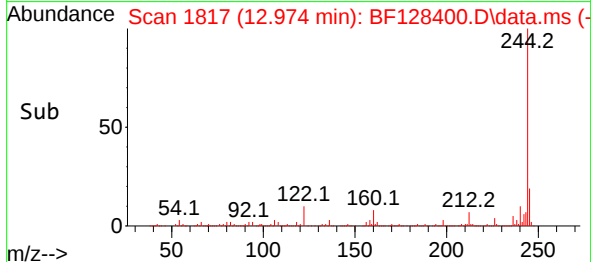
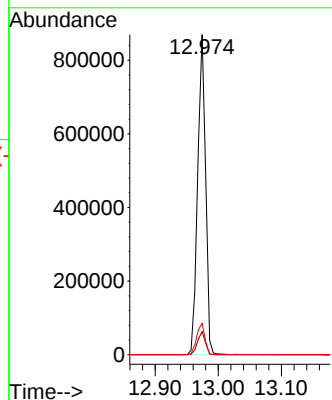
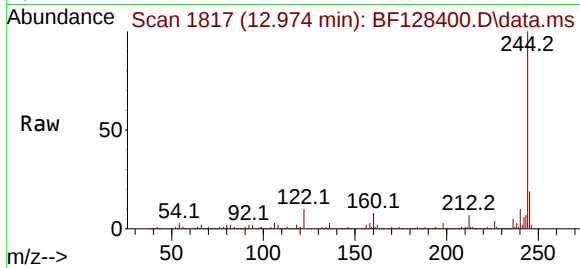




#79
 Terphenyl-d14
 Concen: 64.106 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128400.D
 Acq: 23 May 2022 15:04

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-0612-01

Tgt Ion:244 Resp: 755424
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128400.D
 Acq: 23 May 2022 15:04

Tgt Ion:264 Resp: 197815
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.7 17.5 26.3

