

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128390.D
 Acq On : 21 May 2022 03:59
 Operator : CG\JU
 Sample : N2872-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P022-SS001-0612-01

Quant Time: May 23 02:41:23 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)

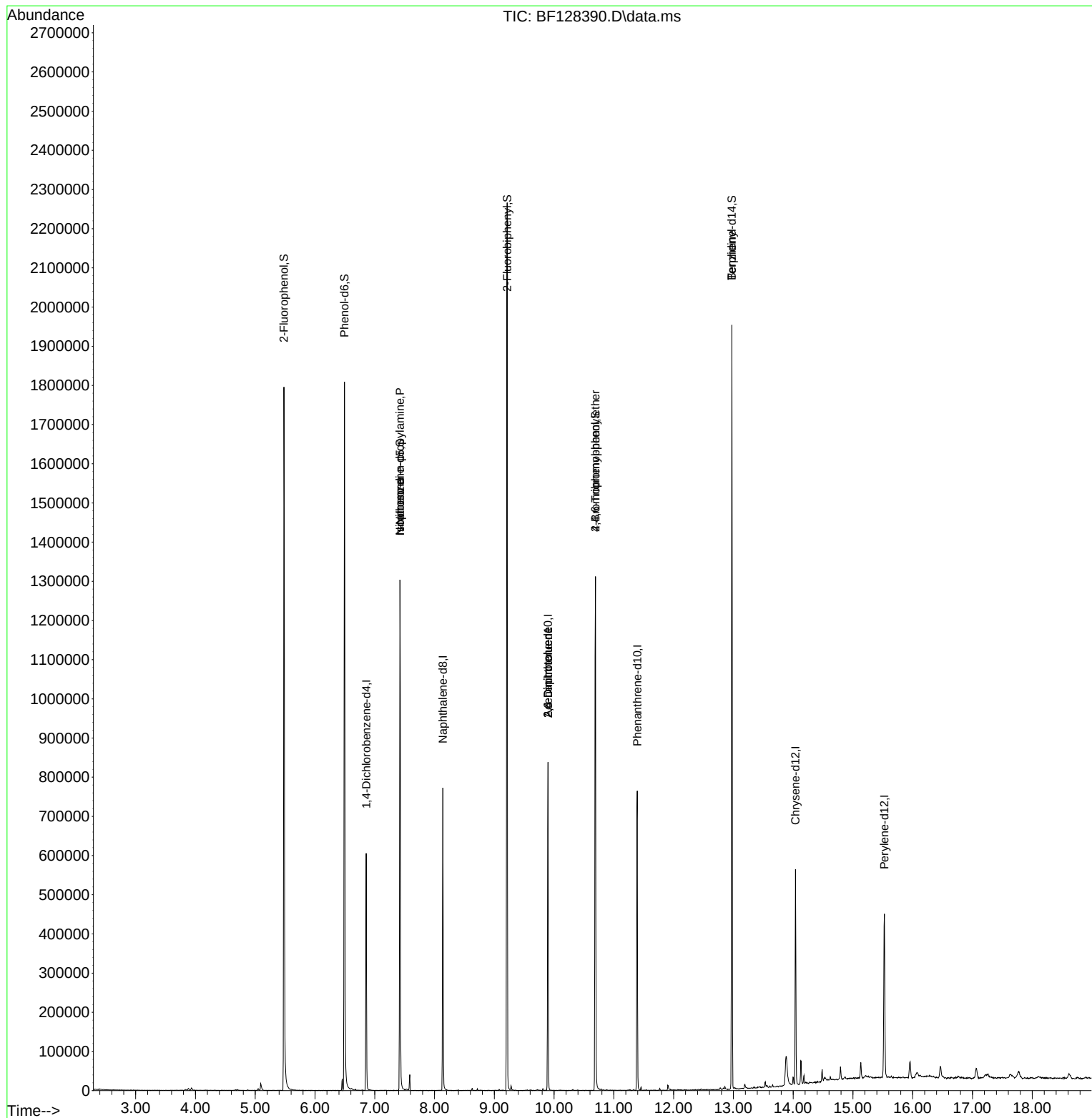
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	82648	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	310245	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	167970	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	284561	20.000	ng	0.00
76) Chrysene-d12	14.039	240	176814	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	185141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	481619	92.735	ng	0.00
7) Phenol-d6	6.492	99	606023	88.616	ng	0.00
23) Nitrobenzene-d5	7.422	82	427924	61.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	153167	88.420	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	675472	65.763	ng	0.00
79) Terphenyl-d14	12.974	244	626346	68.383	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	854	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	56718	13.867	ng	# 79
25) Isophorone	7.422	82	427920	40.327	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	21493	9.185	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	21493	7.290	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	9434	3.168	ng	# 1
77) Benzidine	12.974	184	8562	2.328	ng	# 96

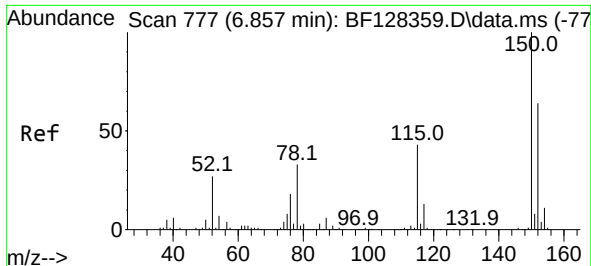
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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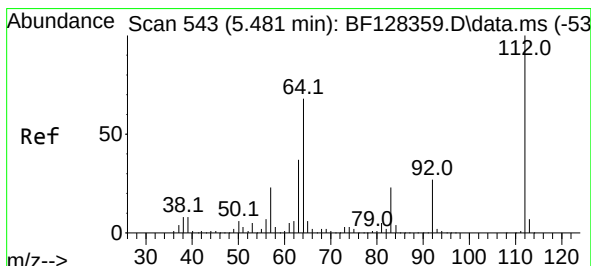
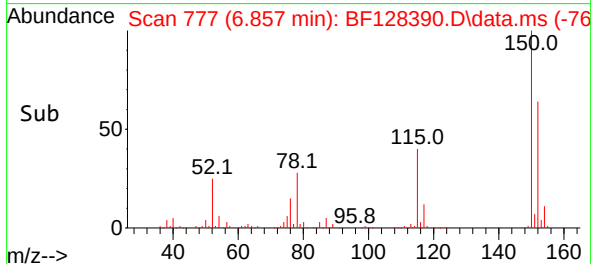
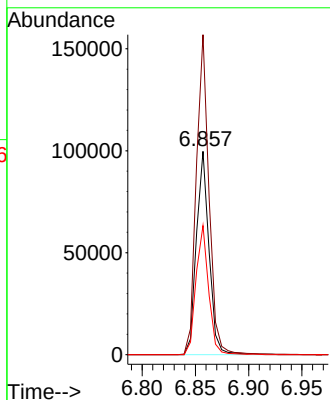
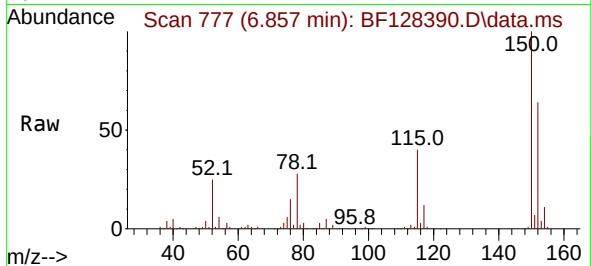




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

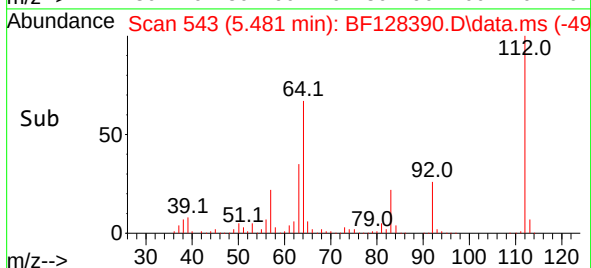
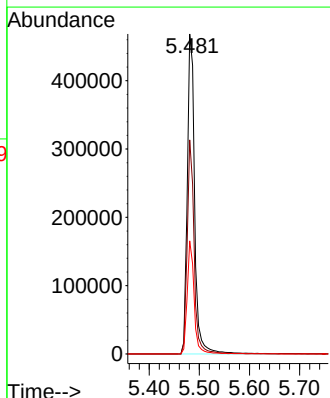
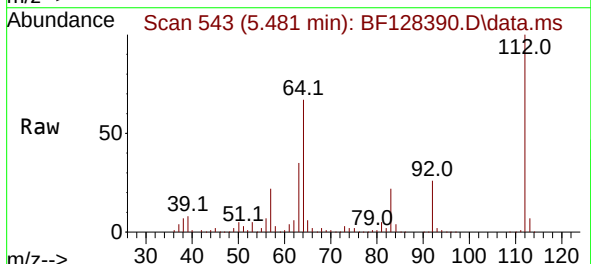
Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01

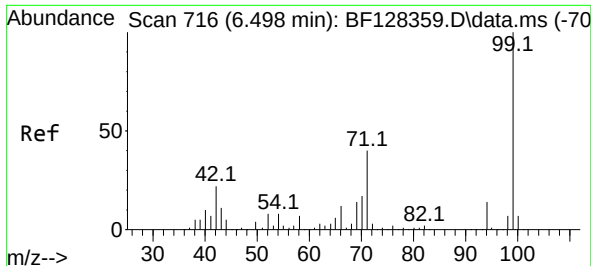
Tgt Ion:152 Resp: 82648
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 63.5 48.8 73.2



#5
2-Fluorophenol
Concen: 92.735 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

Tgt Ion:112 Resp: 481619
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 35.4 26.3 39.5

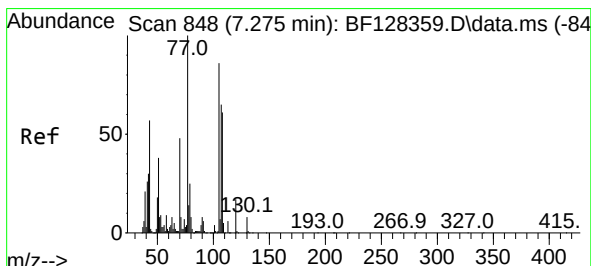
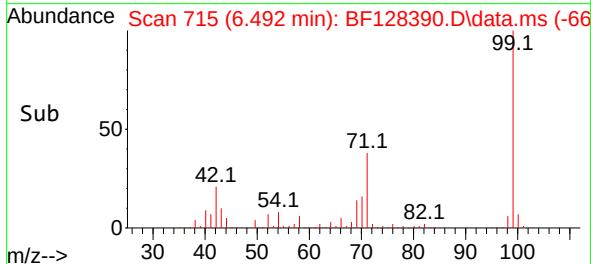
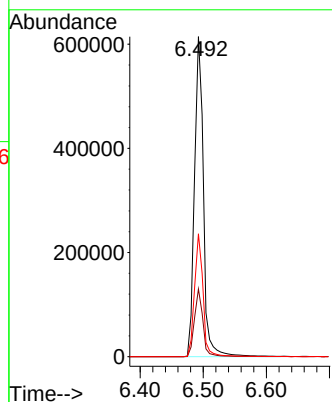
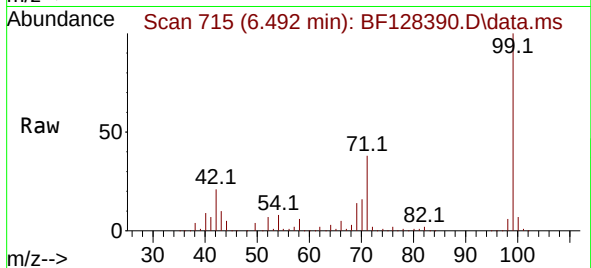




#7
Phenol-d6
Concen: 88.616 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

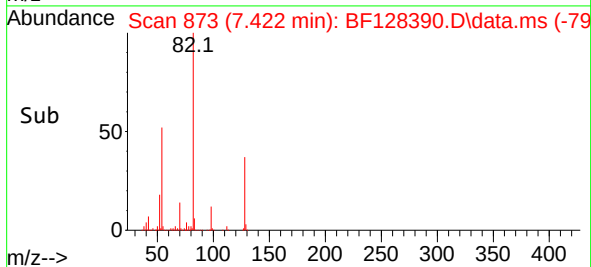
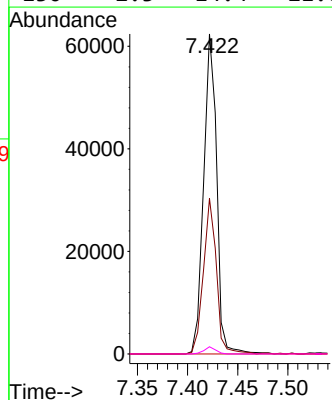
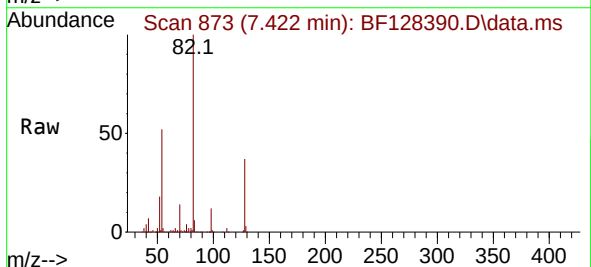
Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01

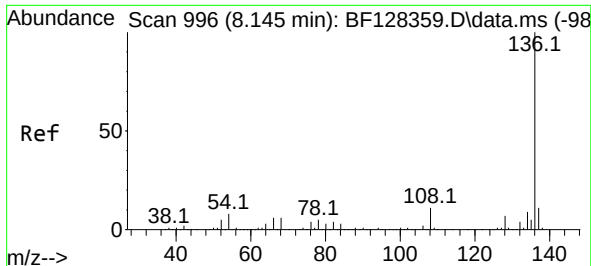
Tgt Ion: 99 Resp: 606023
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.867 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

Tgt Ion: 70 Resp: 56718
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 2.3 14.4 21.6#

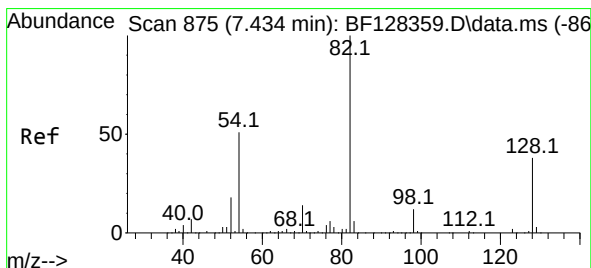
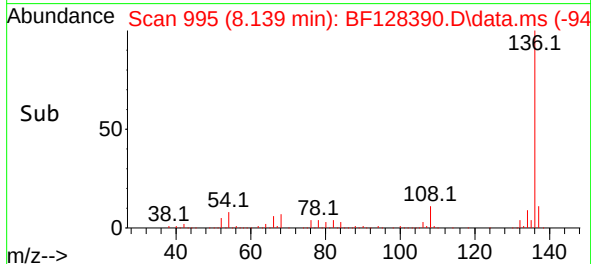
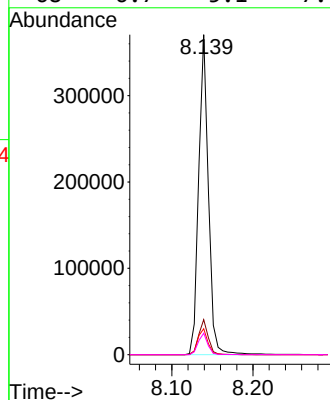
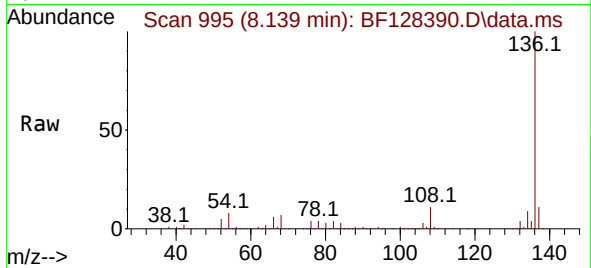




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

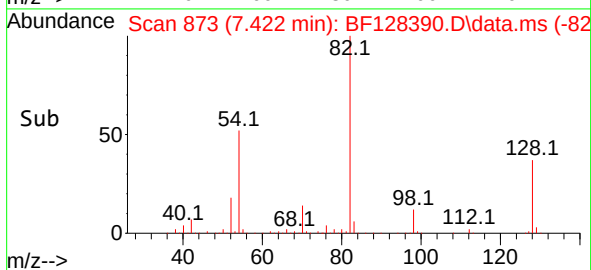
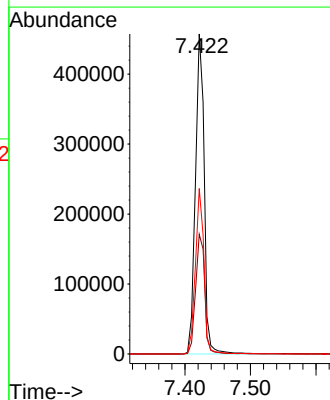
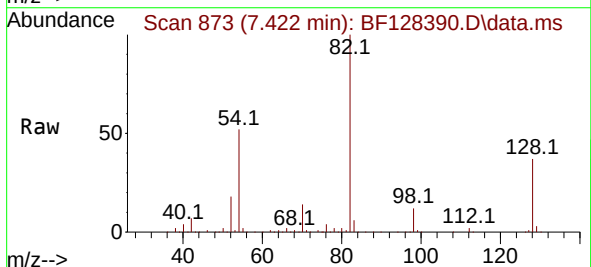
Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01

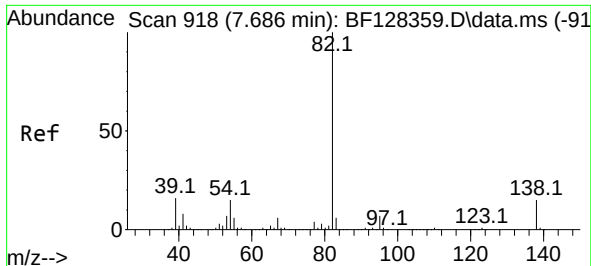
Tgt Ion:	136	Resp:	310245
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 61.800 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

Tgt Ion:	82	Resp:	427924
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	51.7	41.3	61.9

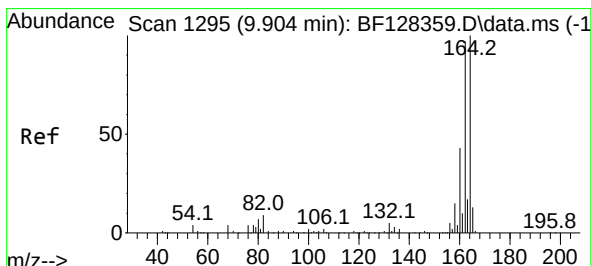
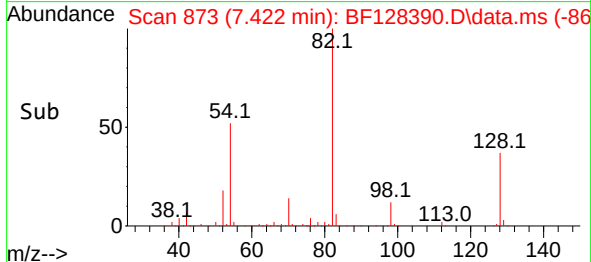
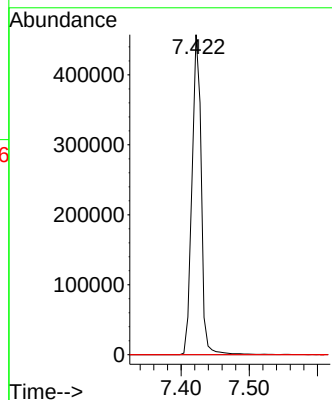
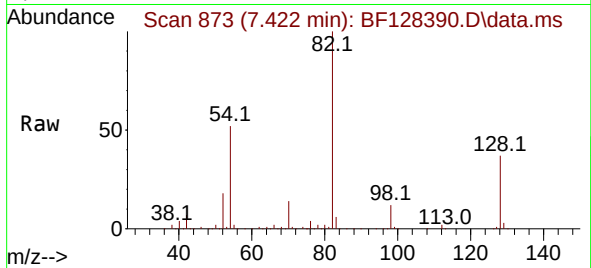




#25
Isophorone
Concen: 40.327 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

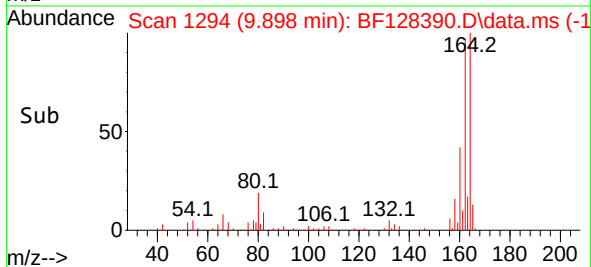
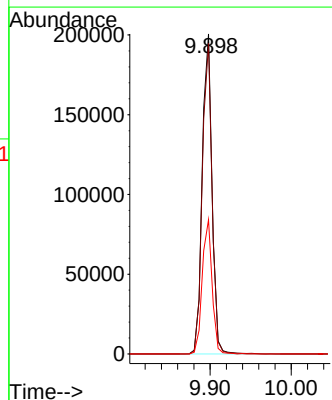
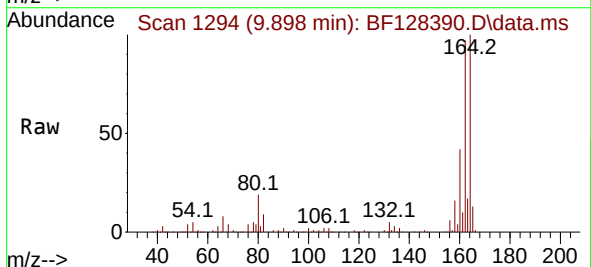
Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01

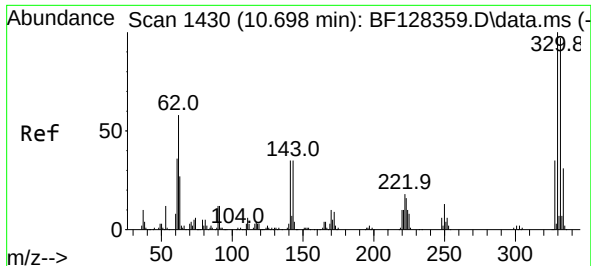
Tgt Ion: 82 Resp: 427920
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

Tgt Ion:164 Resp: 167970
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 42.0 34.8 52.2

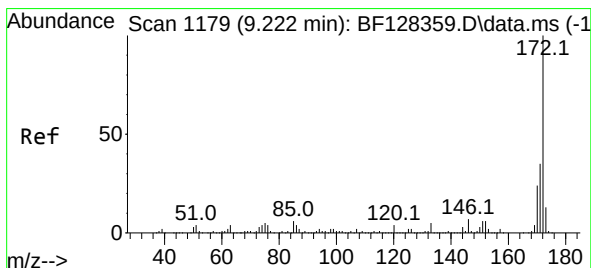
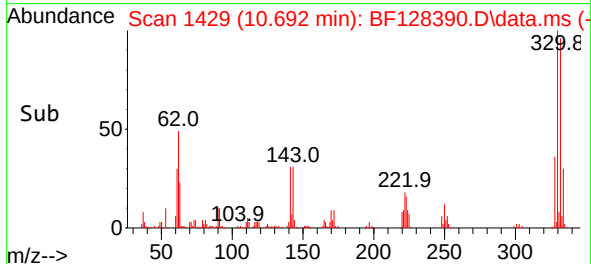
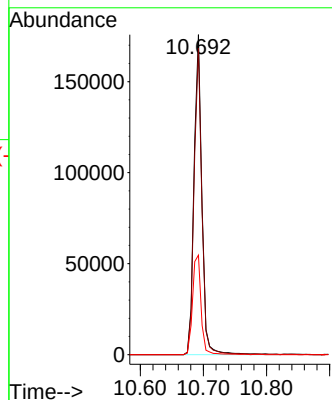
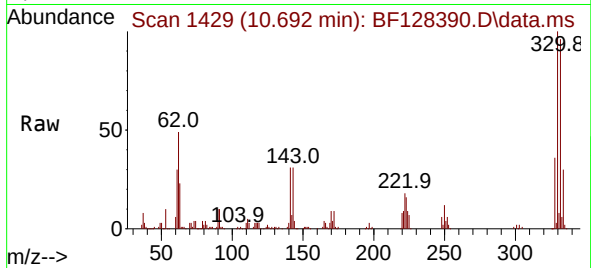




#42
2,4,6-Tribromophenol
Concen: 88.420 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

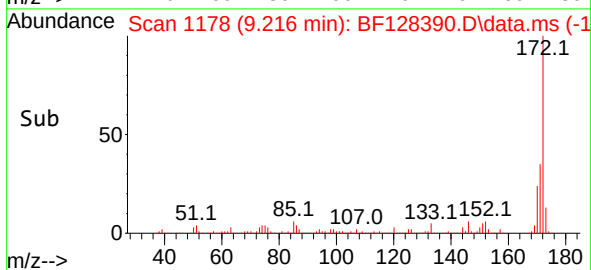
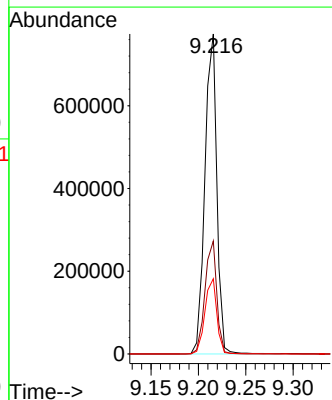
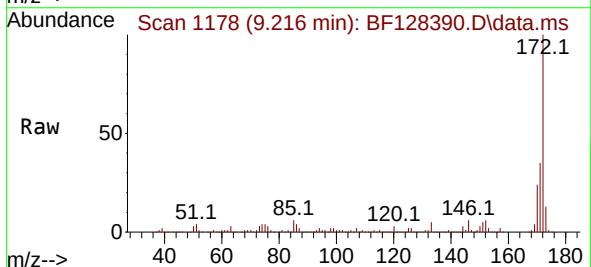
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ClientSampleId :
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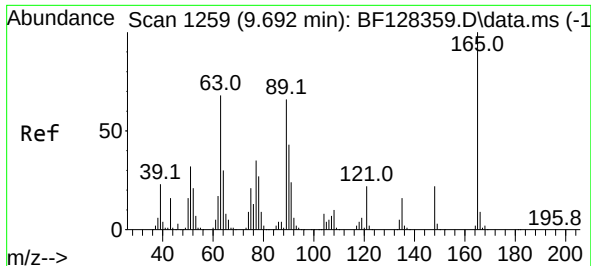
Tgt Ion:330 Resp: 153167
Ion Ratio Lower Upper
330 100
332 95.0 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 65.763 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

Tgt Ion:172 Resp: 675472
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.185 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128390.D

Acq: 21 May 2022 03:59

Instrument :

BNA_F

ClientSampleId :

P022-SS001-0612-01

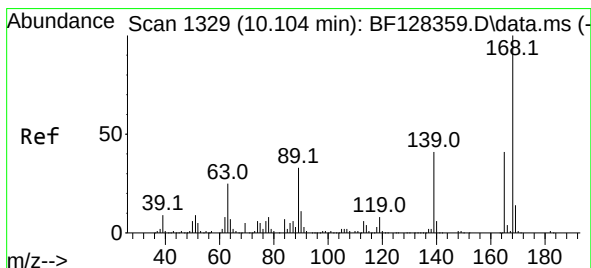
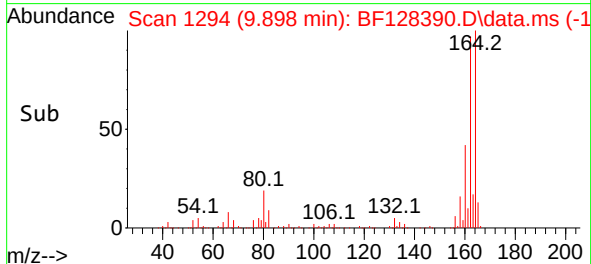
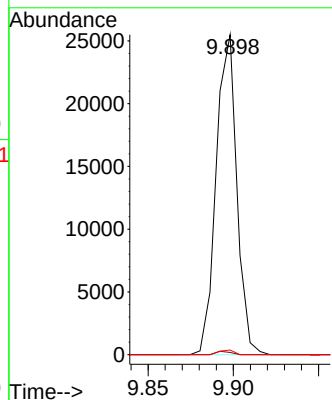
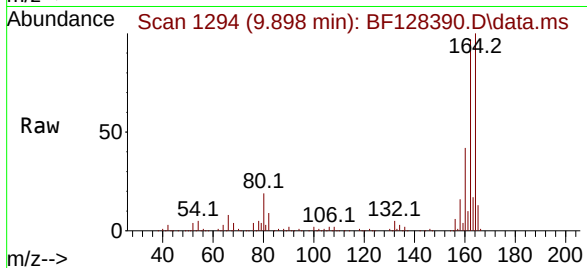
Tgt Ion:165 Resp: 21493

Ion Ratio Lower Upper

165 100

63 0.7 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.290 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128390.D

Acq: 21 May 2022 03:59

Tgt Ion:165 Resp: 21493

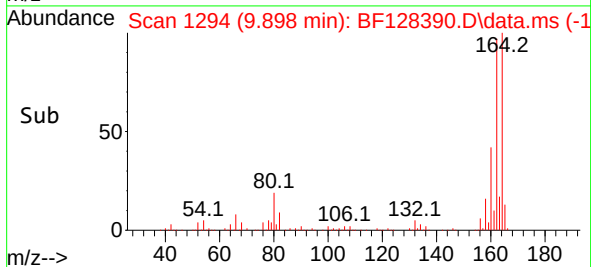
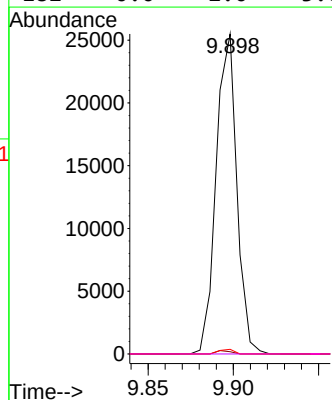
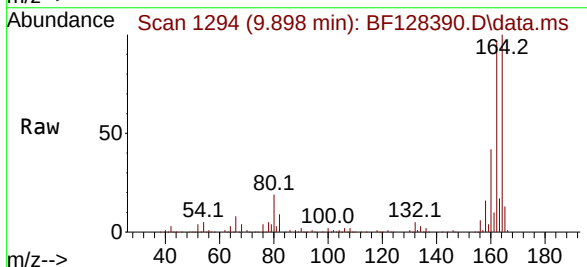
Ion Ratio Lower Upper

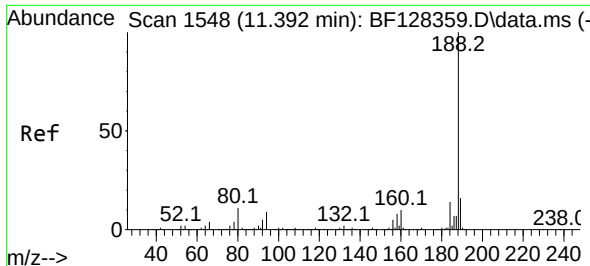
165 100

63 0.7 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

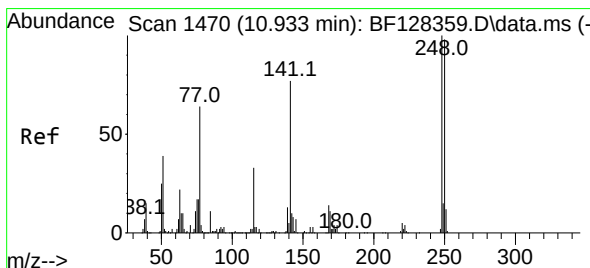
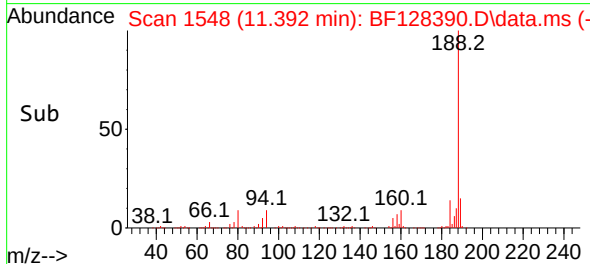
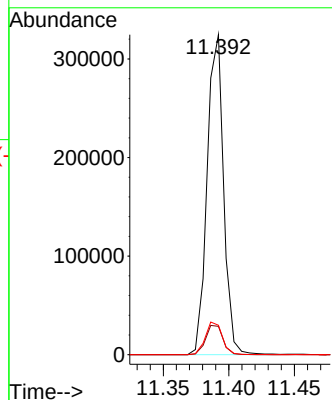
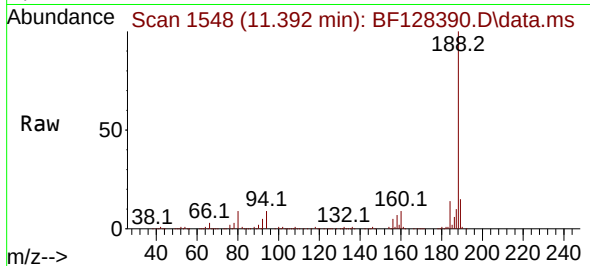




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

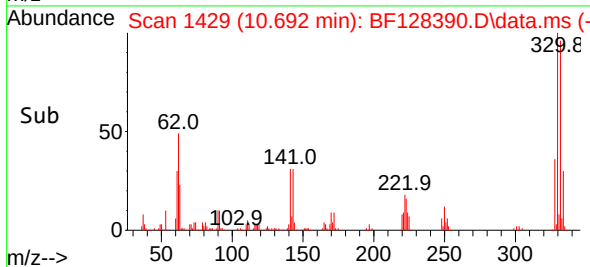
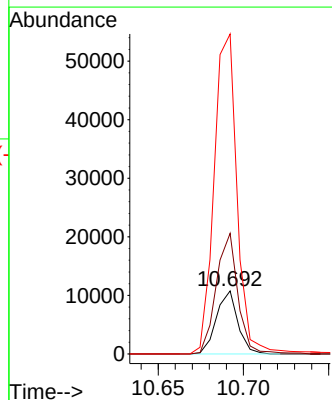
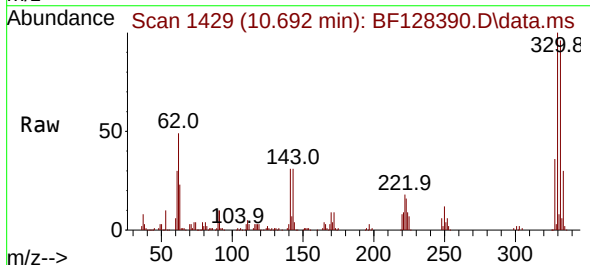
Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01

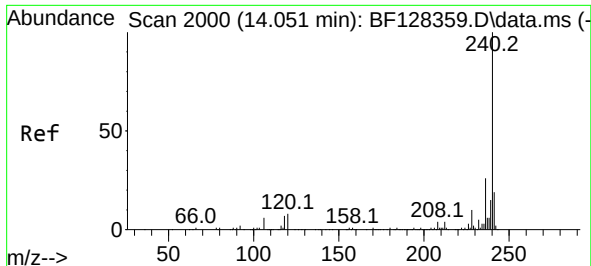
Tgt Ion:188 Resp: 284561
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.168 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

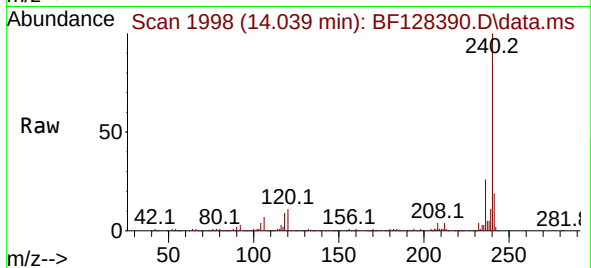
Tgt Ion:248 Resp: 9434
Ion Ratio Lower Upper
248 100
250 191.2 77.7 116.5#
141 507.3 65.6 98.4#



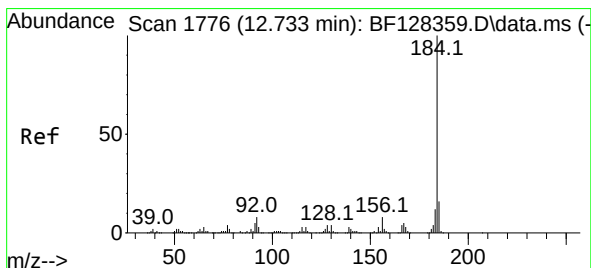
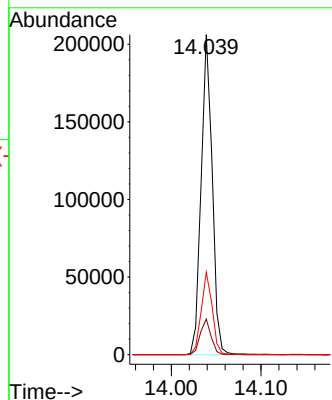
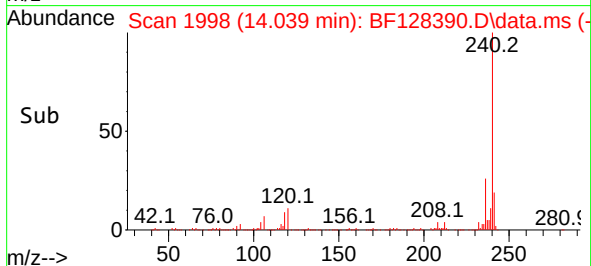


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59

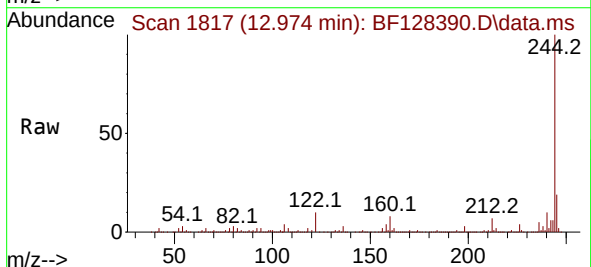
Instrument :
BNA_F
ClientSampleId :
P022-SS001-0612-01



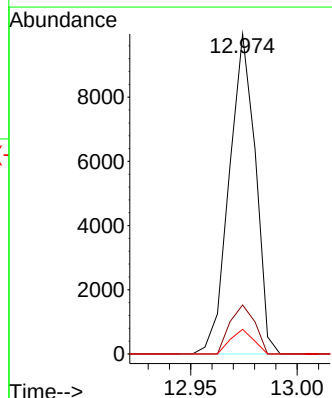
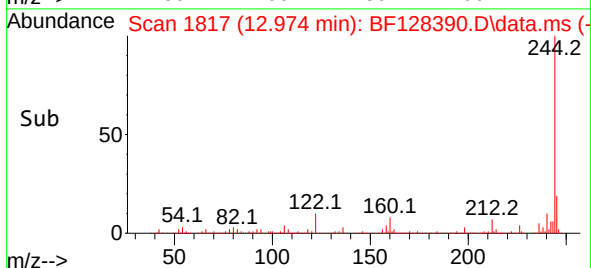
Tgt Ion:240 Resp: 176814
Ion Ratio Lower Upper
240 100
120 11.1 7.0 10.6#
236 25.8 20.3 30.5

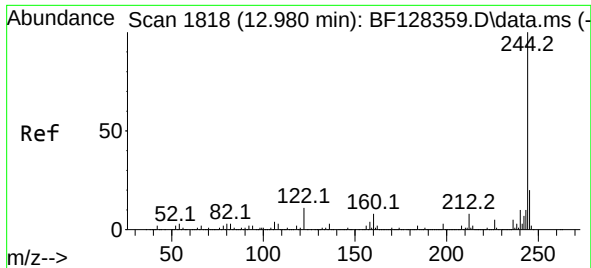


#77
Benzidine
Concen: 2.328 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128390.D
Acq: 21 May 2022 03:59



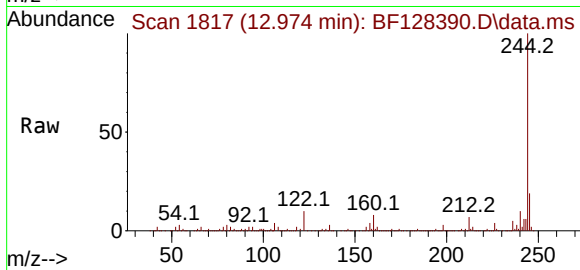
Tgt Ion:184 Resp: 8562
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 7.7 9.0 13.4#



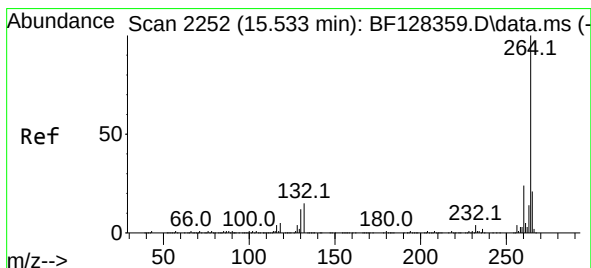
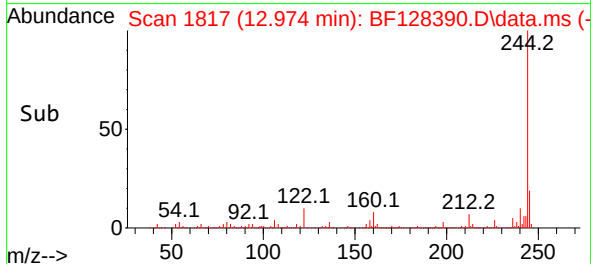
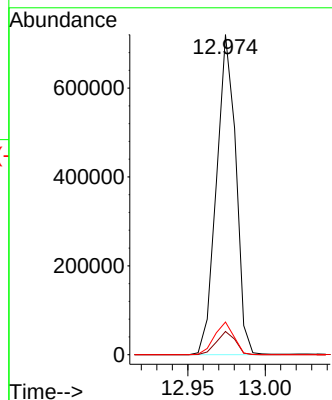


#79
 Terphenyl-d14
 Concen: 68.383 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128390.D
 Acq: 21 May 2022 03:59

Instrument :
 BNA_F
 ClientSampleId :
 P022-SS001-0612-01



Tgt Ion:244 Resp: 626346
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 10.2 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: BF128390.D
 Acq: 21 May 2022 03:59

Tgt Ion:264 Resp: 185141
 Ion Ratio Lower Upper
 264 100
 260 22.5 20.1 30.1
 265 21.9 17.5 26.3

