

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128414.D
 Acq On : 23 May 2022 22:09
 Operator : CG\JU
 Sample : N2873-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-0612-01

Quant Time: May 24 01:24:16 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)

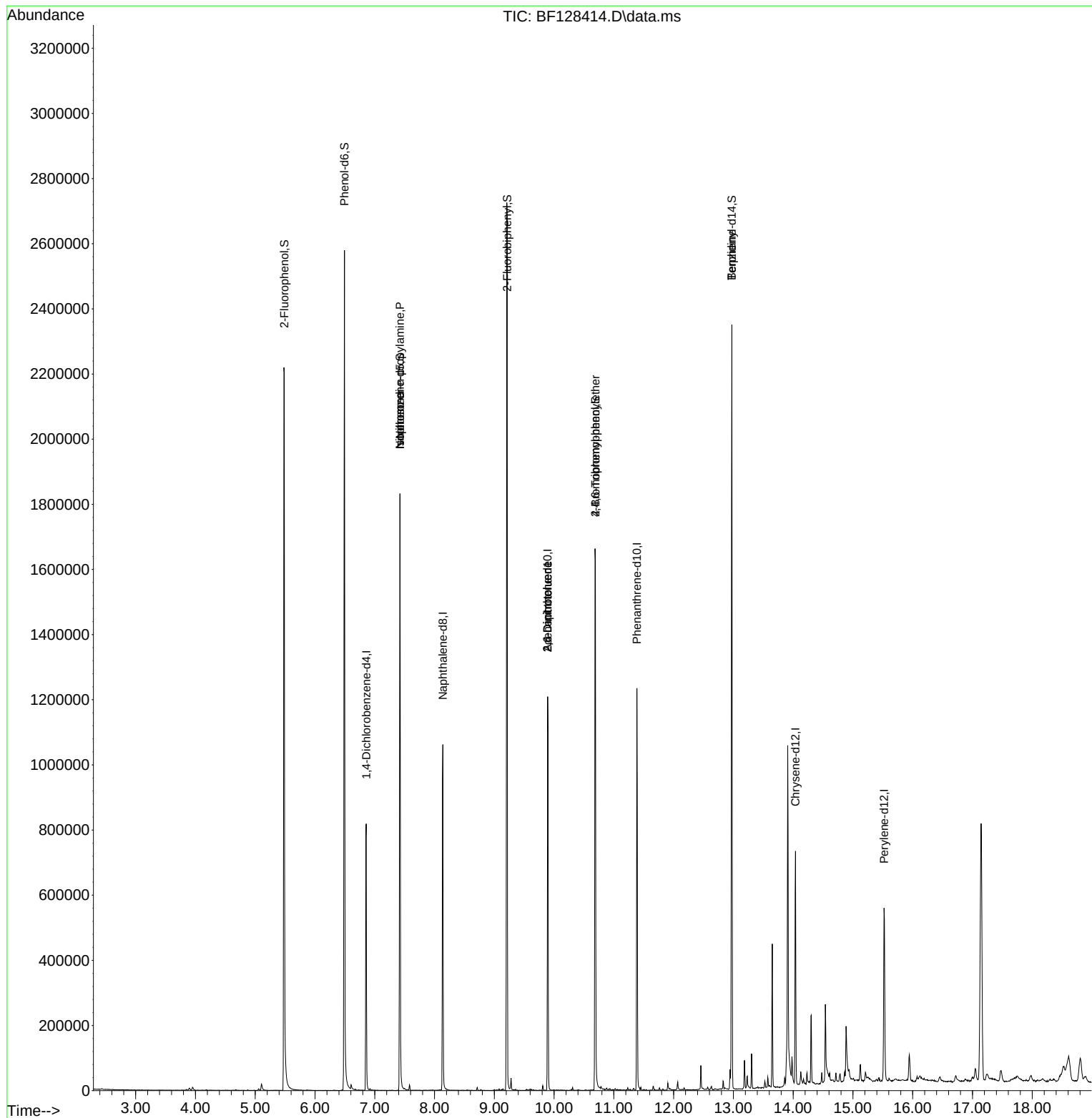
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	124440	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	477188	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	262310	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	444953	20.000	ng	0.00
76) Chrysene-d12	14.039	240	244725	20.000	ng	-0.01
86) Perylene-d12	15.521	264	252314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	662659	84.743	ng	0.00
7) Phenol-d6	6.492	99	848594	82.413	ng	0.00
23) Nitrobenzene-d5	7.422	82	586053	55.027	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	209687	77.513	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	910864	56.787	ng	0.00
79) Terphenyl-d14	12.974	244	765041	60.347	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	1465	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	79232	12.866	ng	# 78
25) Isophorone	7.422	82	586047	35.907	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	33735	9.231	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	33735	7.327	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	13189	2.832	ng	# 1
77) Benizidine	12.974	184	11293	2.219	ng	# 95

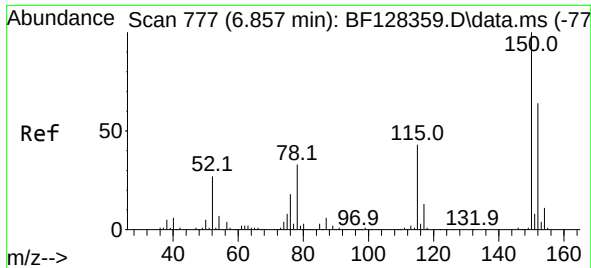
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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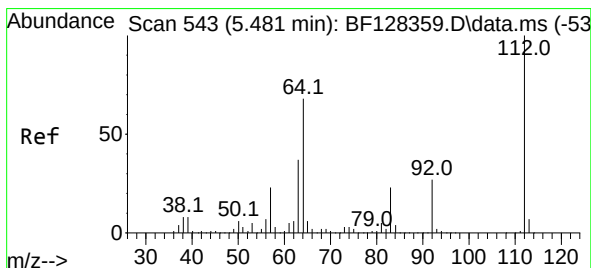
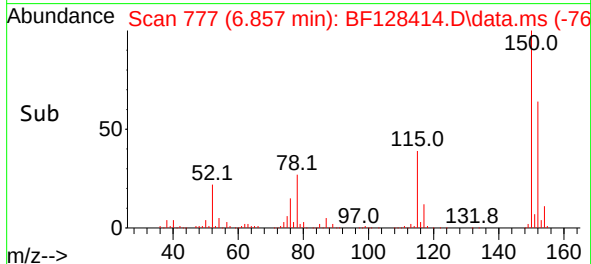
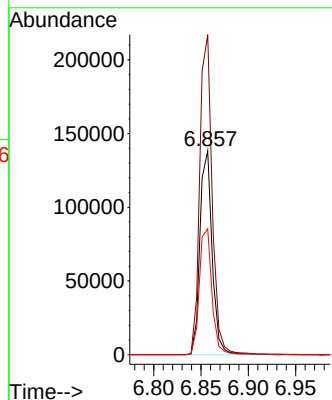
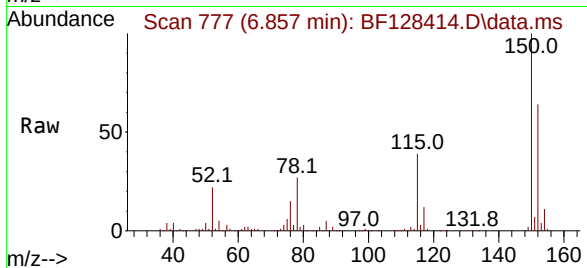




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

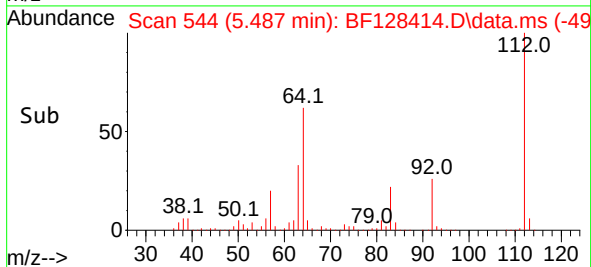
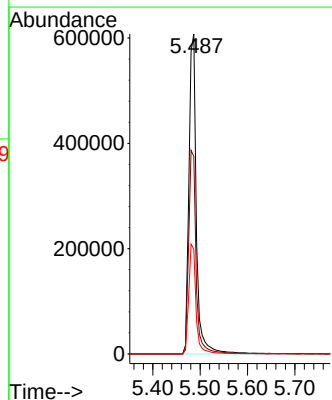
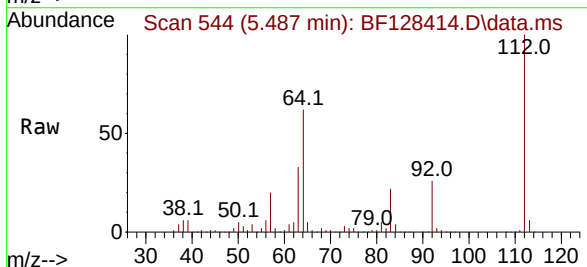
Instrument :
BNA_F
ClientSampleId :
P029-SS001-0612-01

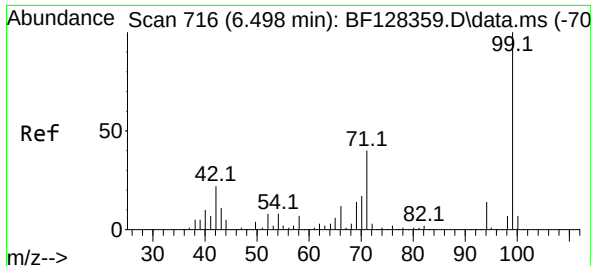
Tgt Ion:152 Resp: 124440
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 61.8 48.8 73.2



#5
2-Fluorophenol
Concen: 84.743 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion:112 Resp: 662659
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 32.8 26.3 39.5

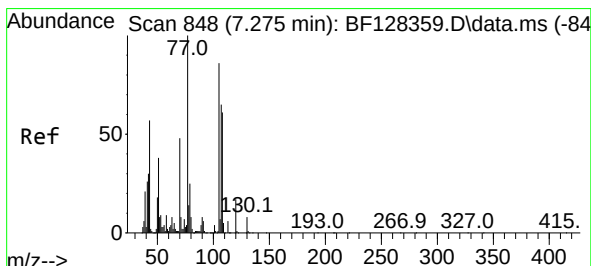
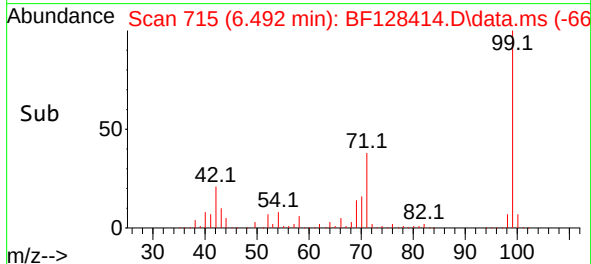
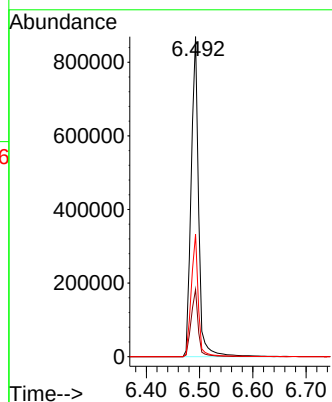
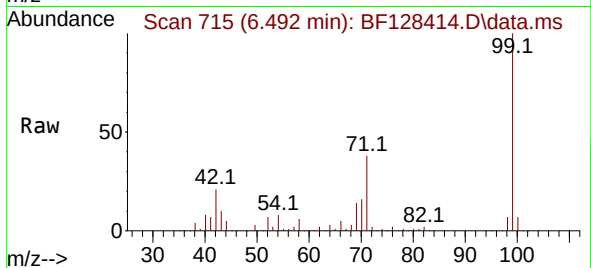




#7
Phenol-d6
Concen: 82.413 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

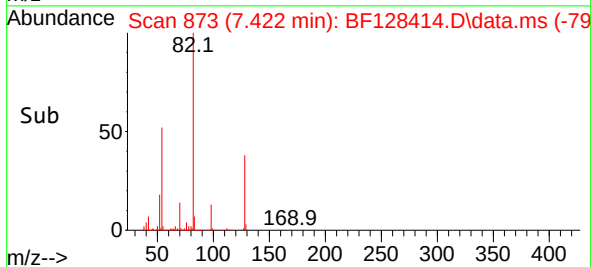
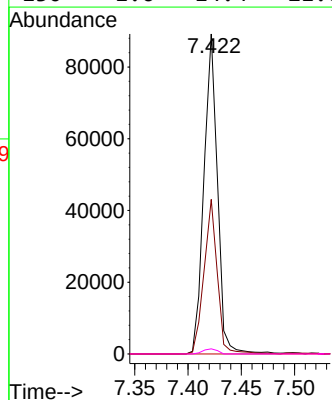
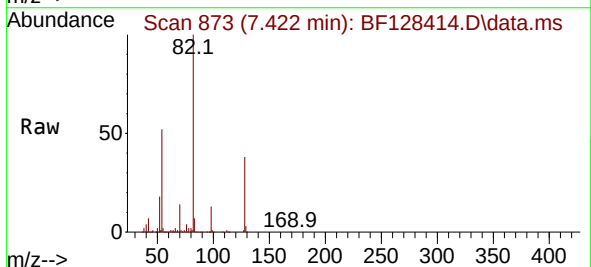
Instrument :
BNA_F
ClientSampleId :
P029-SS001-0612-01

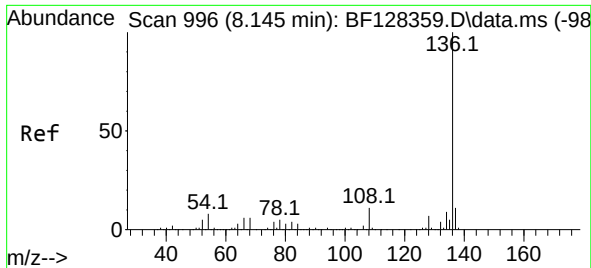
Tgt Ion: 99 Resp: 848594
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 38.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.866 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion: 70 Resp: 79232
Ion Ratio Lower Upper
70 100
42 48.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

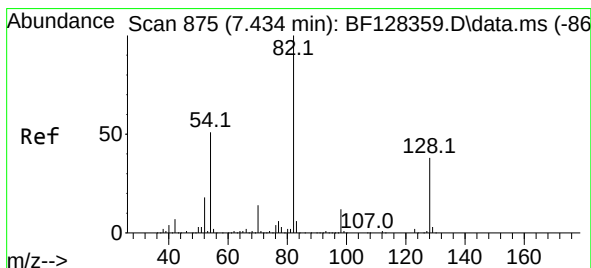
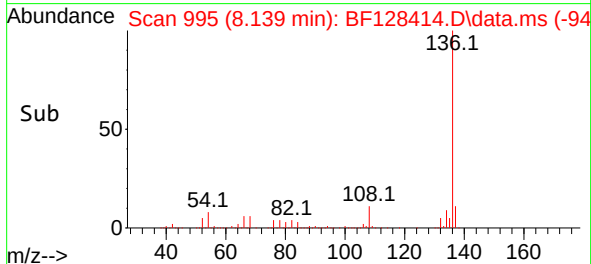
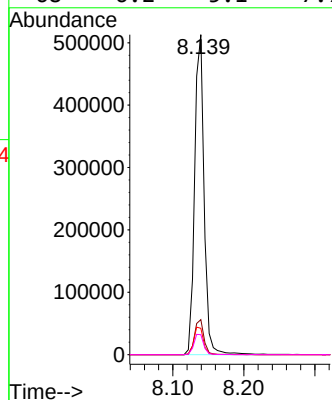
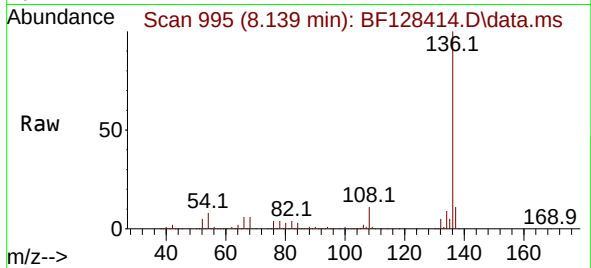




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

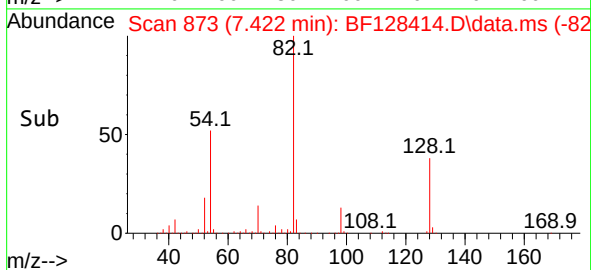
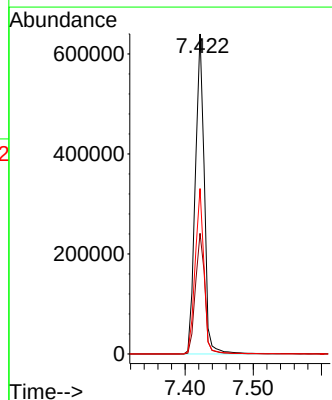
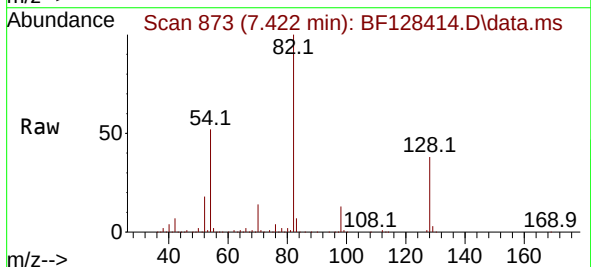
Instrument :
BNA_F
ClientSampleId :
P029-SS001-0612-01

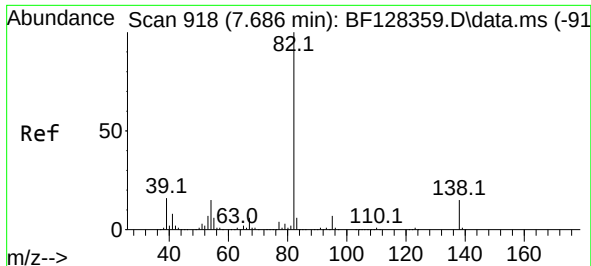
Tgt Ion:136 Resp: 477188
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 55.027 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion: 82 Resp: 586053
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 51.7 41.3 61.9

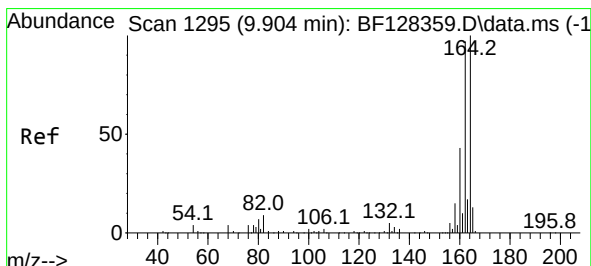
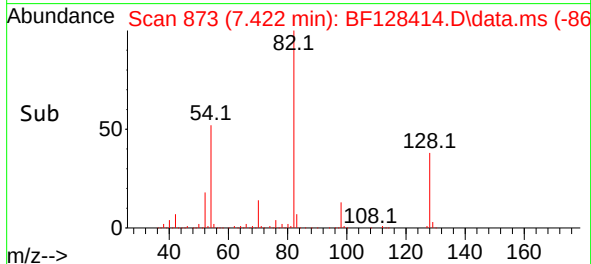
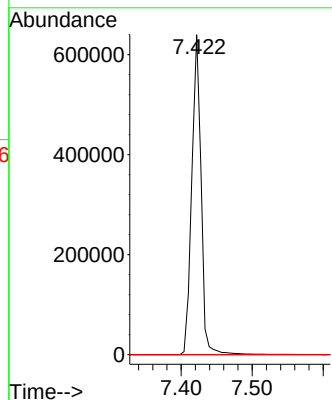
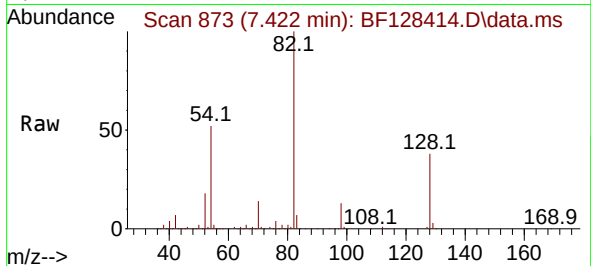




#25
Isophorone
Concen: 35.907 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

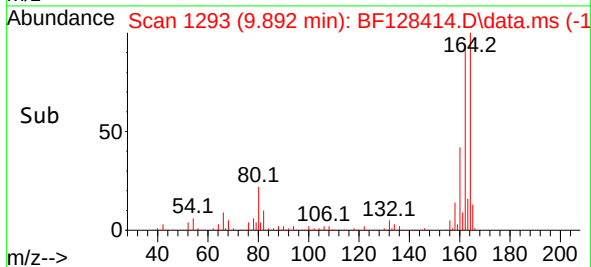
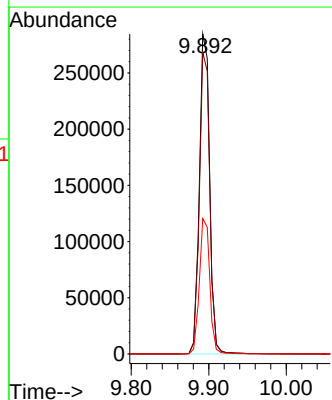
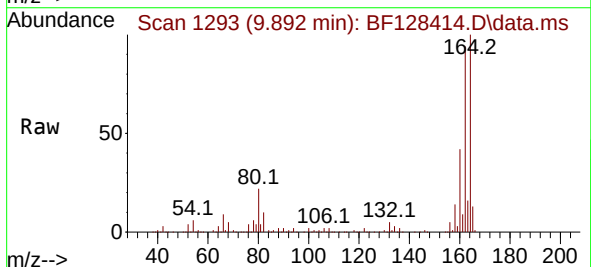
Instrument :
BNA_F
ClientSampleId :
P029-SS001-0612-01

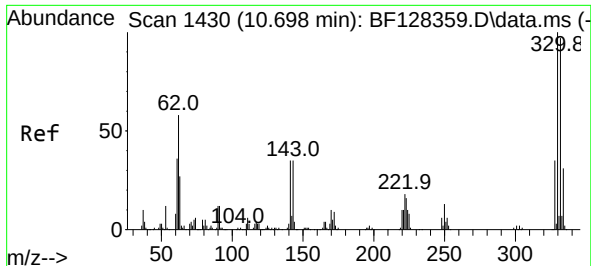
Tgt Ion: 82 Resp: 586047
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion:164 Resp: 262310
Ion Ratio Lower Upper
164 100
162 94.3 76.0 114.0
160 42.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 77.513 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128414.D

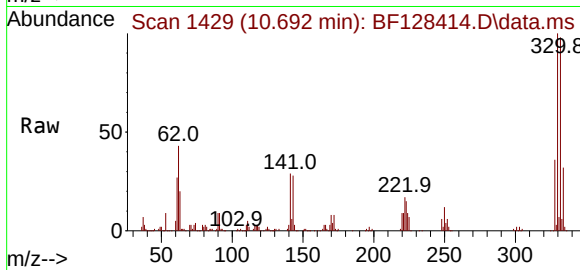
Acq: 23 May 2022 22:09

Instrument :

BNA_F

ClientSampleId :

P029-SS001-0612-01



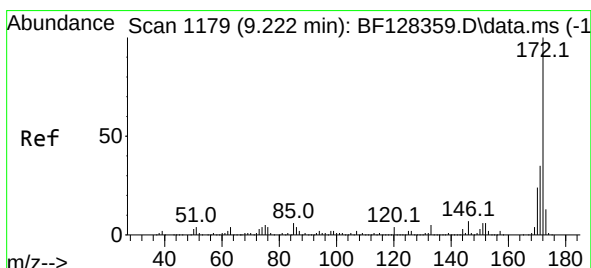
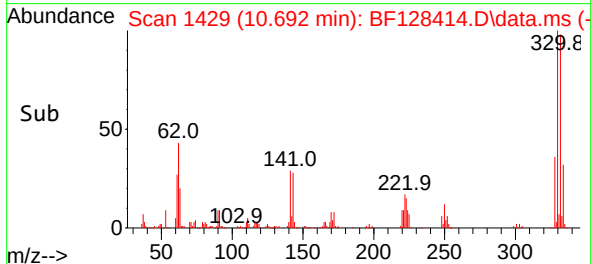
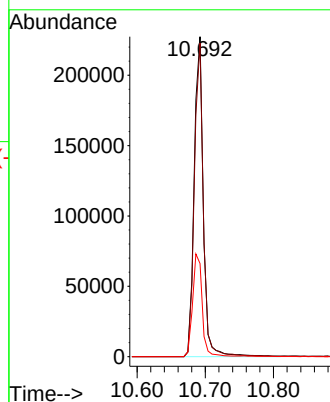
Tgt Ion:330 Resp: 209687

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.787 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128414.D

Acq: 23 May 2022 22:09

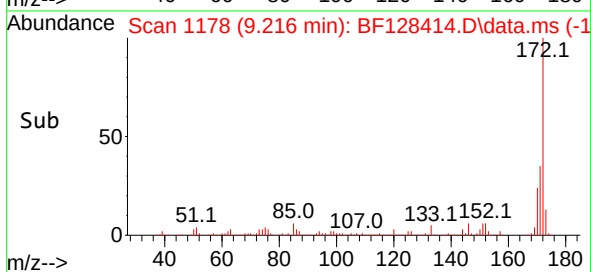
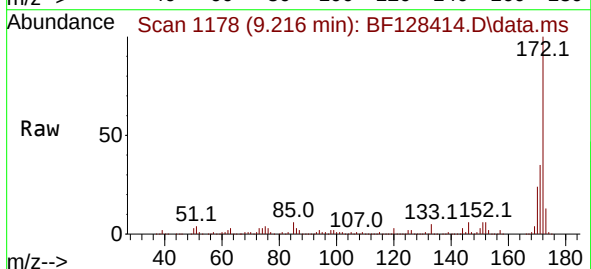
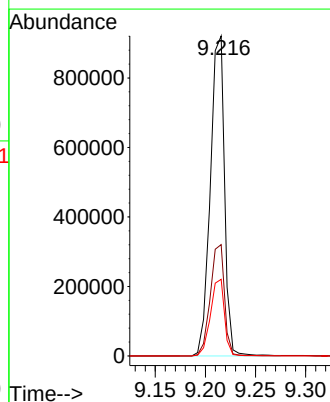
Tgt Ion:172 Resp: 910864

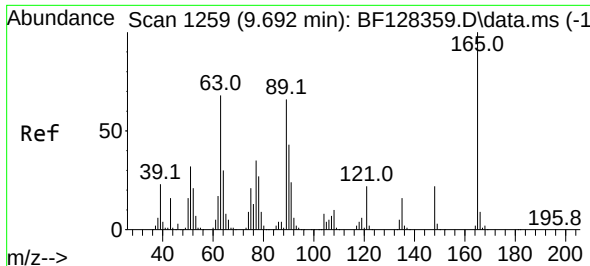
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.9 19.1 28.7

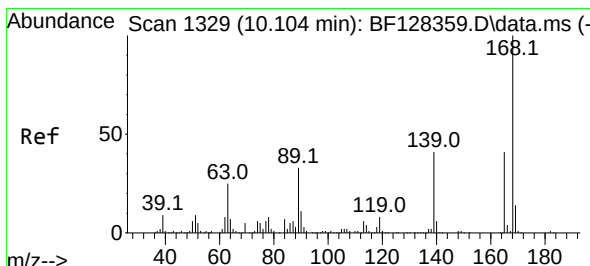
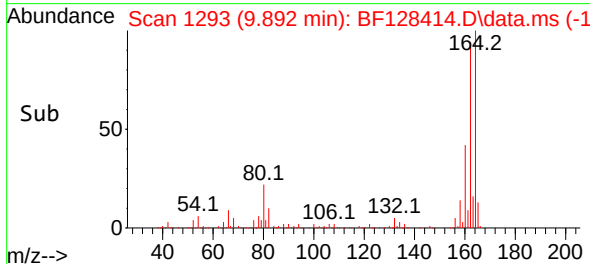
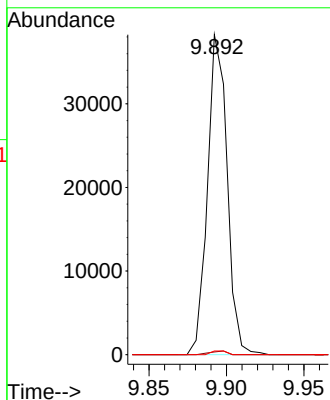
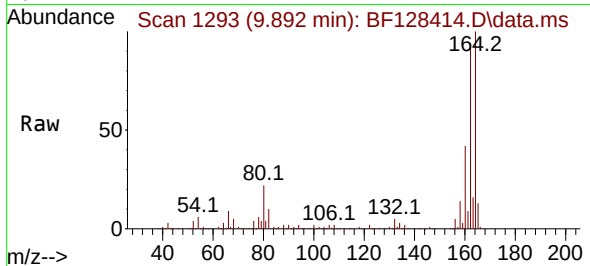




#51
2,6-Dinitrotoluene
Concen: 9.231 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

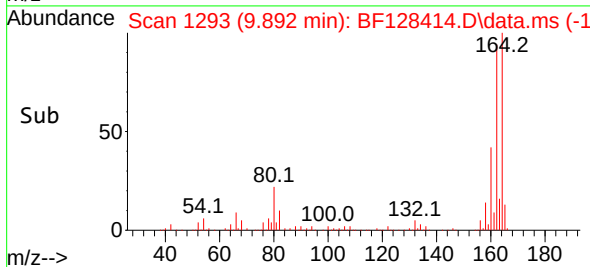
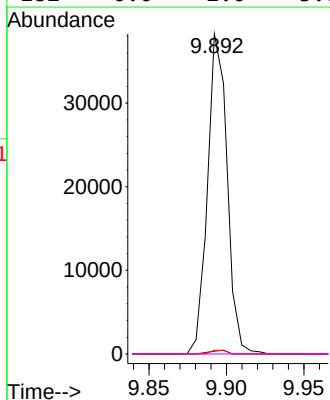
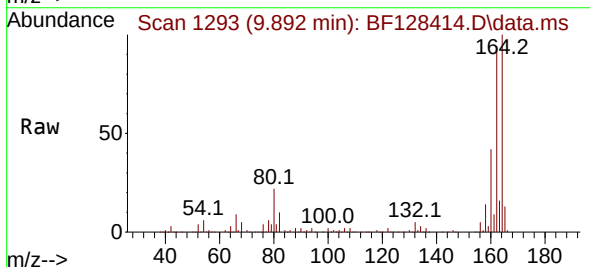
Instrument :
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P029-SS001-0612-01

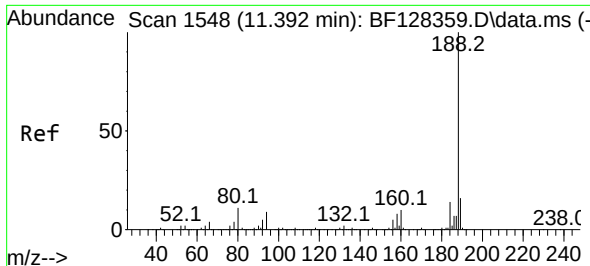
Tgt Ion:165 Resp: 33735
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.327 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion:165 Resp: 33735
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

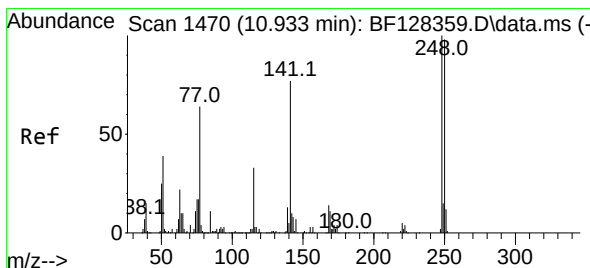
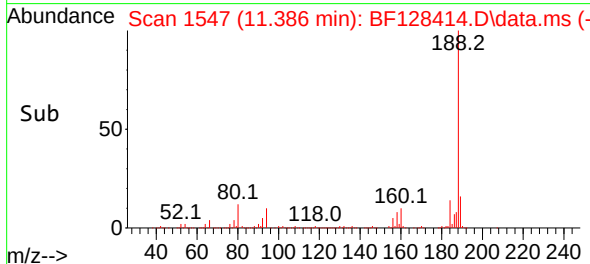
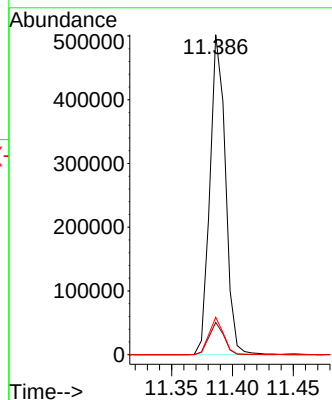
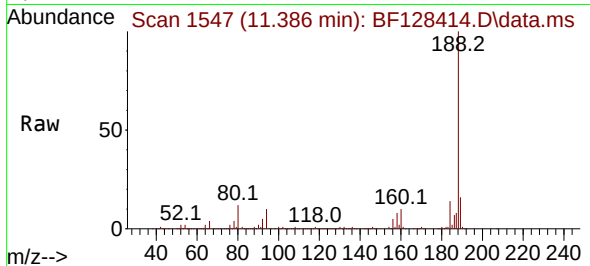




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

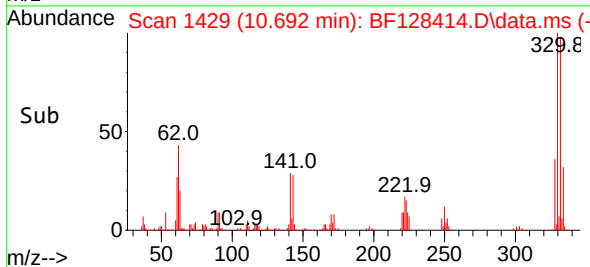
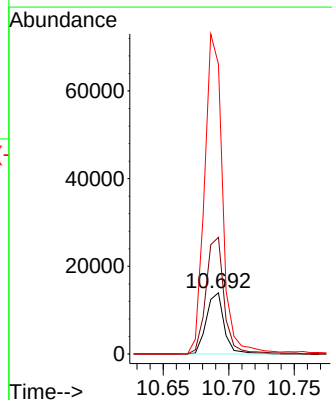
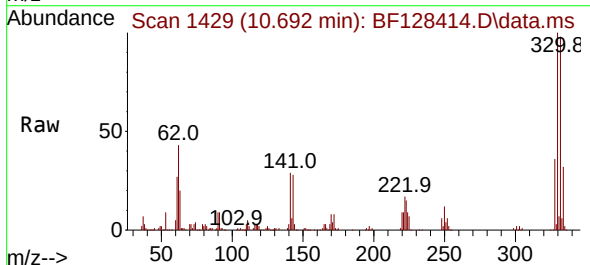
Instrument :
BNA_F
ClientSampleId :
P029-SS001-0612-01

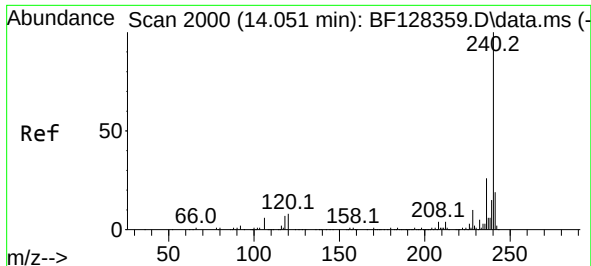
Tgt Ion:188 Resp: 444953
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.832 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion:248 Resp: 13189
Ion Ratio Lower Upper
248 100
250 191.1 77.7 116.5#
141 474.5 65.6 98.4#

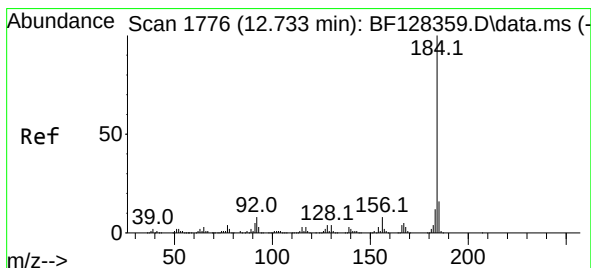
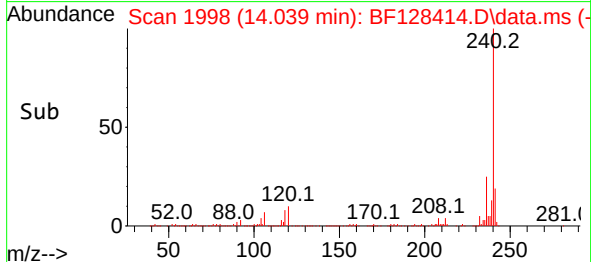
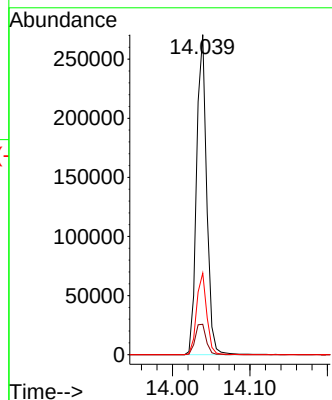
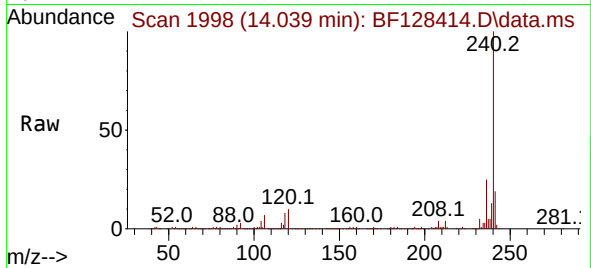




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

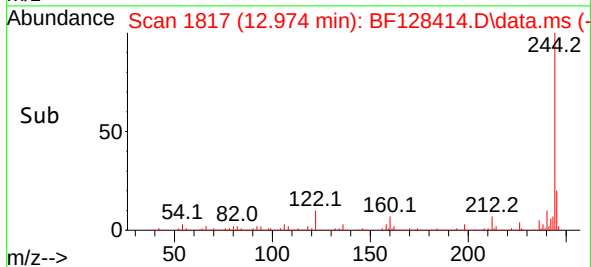
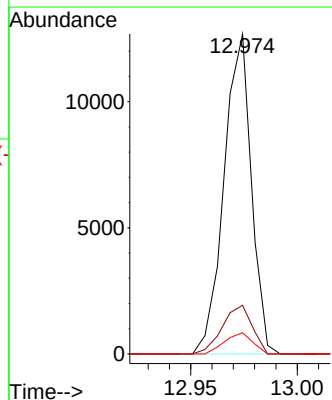
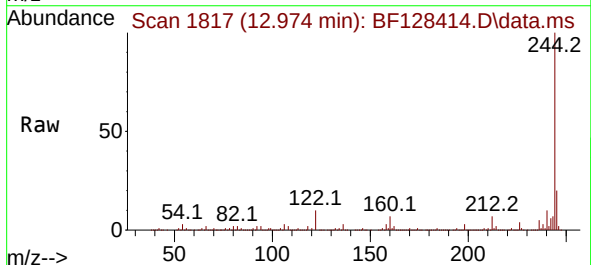
Instrument :
BNA_F
ClientSampleId :
P029-SS001-0612-01

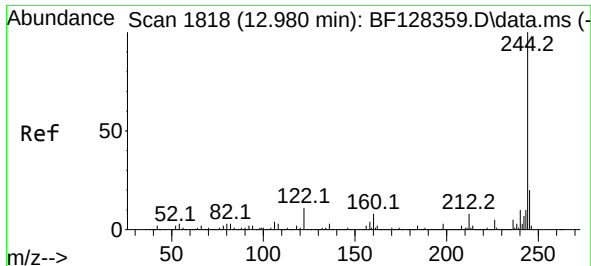
Tgt Ion:240 Resp: 244725
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 2.219 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128414.D
Acq: 23 May 2022 22:09

Tgt Ion:184 Resp: 11293
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.6 9.0 13.4#

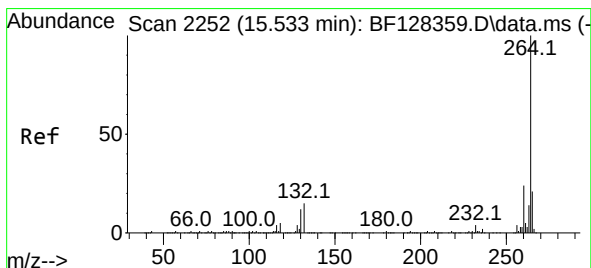
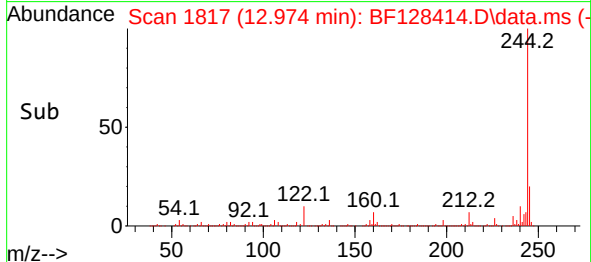
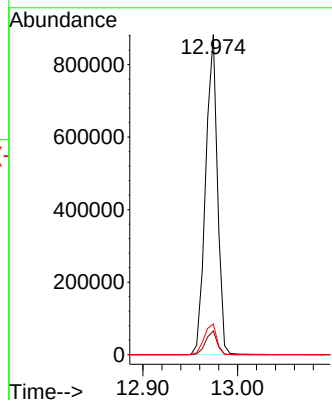
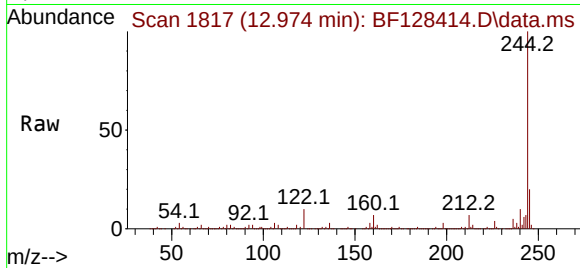




#79
 Terphenyl-d14
 Concen: 60.347 ng
 RT: 12.974 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF128414.D
 Acq: 23 May 2022 22:09

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-0612-01

Tgt Ion:244 Resp: 765041
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2250
 Delta R.T. -0.012 min
 Lab File: BF128414.D
 Acq: 23 May 2022 22:09

Tgt Ion:264 Resp: 252314
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.5 17.5 26.3

