

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128387.D
 Acq On : 21 May 2022 02:31
 Operator : CG\JU
 Sample : N2872-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P022-SS001-1218-01

Quant Time: May 23 02:41:04 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)

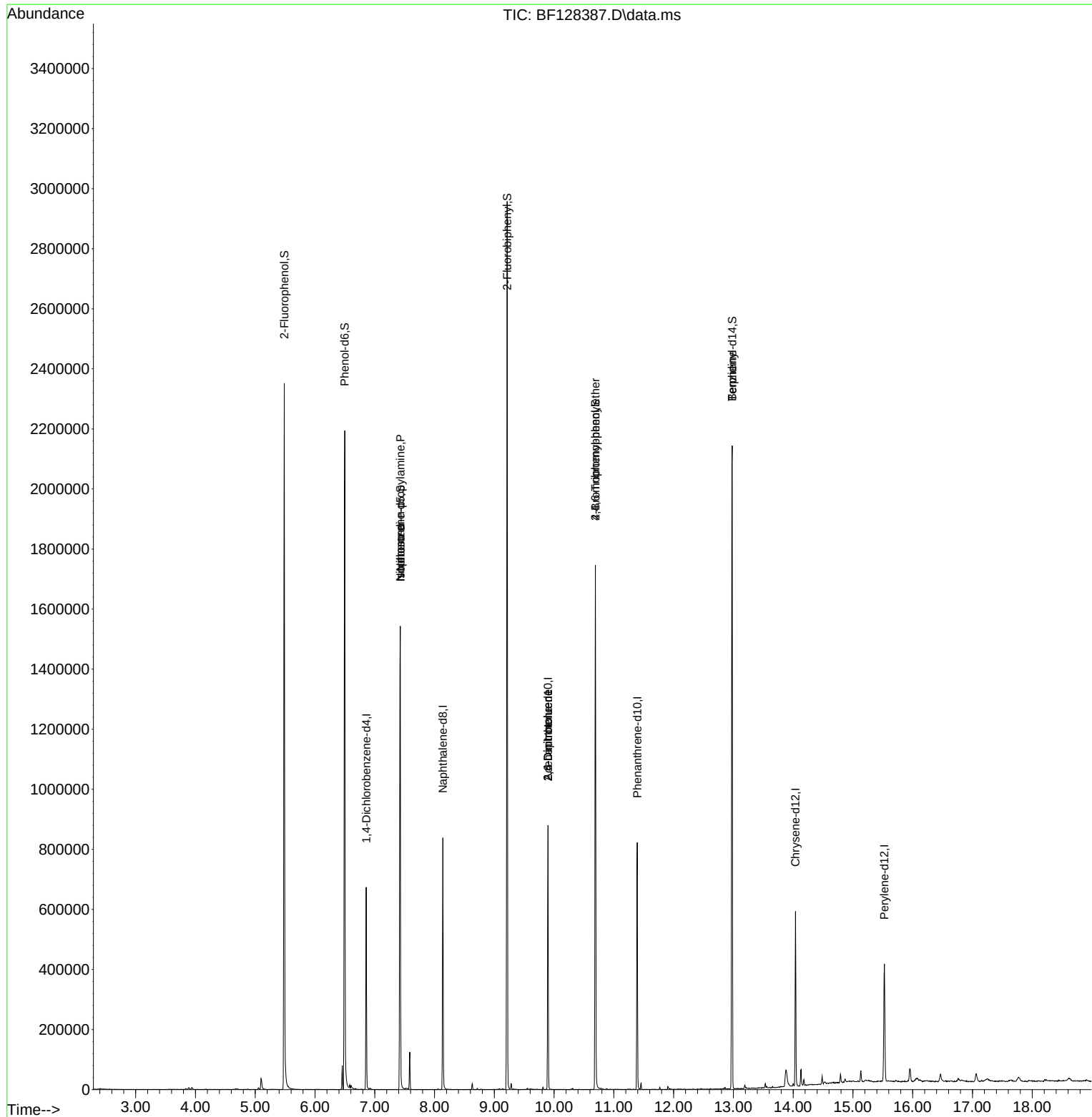
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	87592	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	333639	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	172209	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	304780	20.000	ng	0.00
76) Chrysene-d12	14.039	240	188600	20.000	ng	-0.01
86) Perylene-d12	15.527	264	180104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	595531	108.196	ng	0.00
7) Phenol-d6	6.498	99	732320	101.040	ng	0.00
23) Nitrobenzene-d5	7.428	82	530021	71.178	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	187815	105.752	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	845391	80.280	ng	0.00
79) Terphenyl-d14	12.980	244	788163	80.673	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1100	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	70972	16.373	ng	# 77
25) Isophorone	7.428	82	530015	46.446	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	21385	8.914	ng	# 22
57) 2,4-Dinitrotoluene	9.898	165	21385	7.075	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	11427	3.583	ng	# 1
77) Benizidine	12.980	184	11613	2.961	ng	# 92

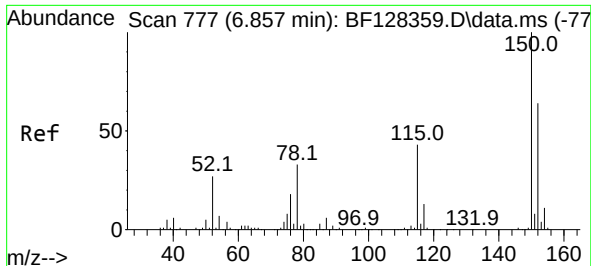
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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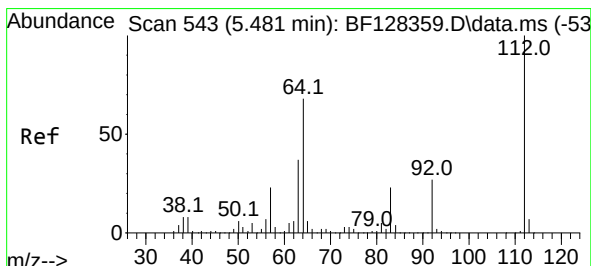
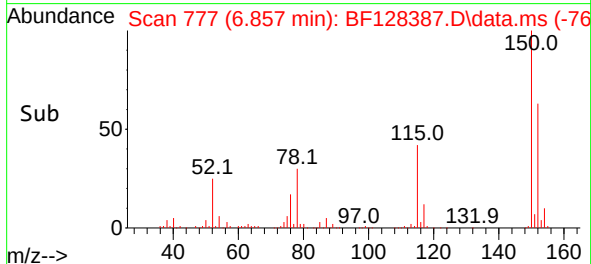
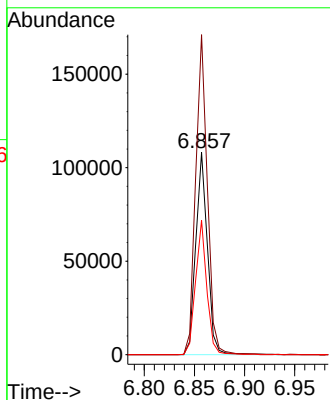
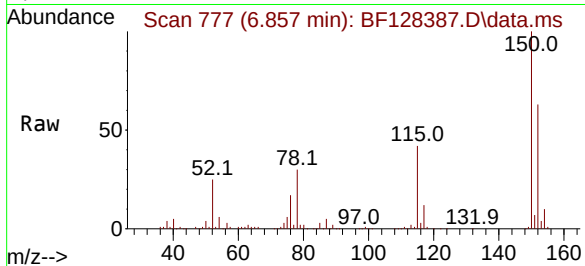




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128387.D
 Acq: 21 May 2022 02:31

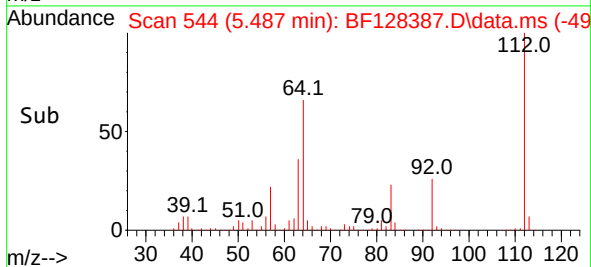
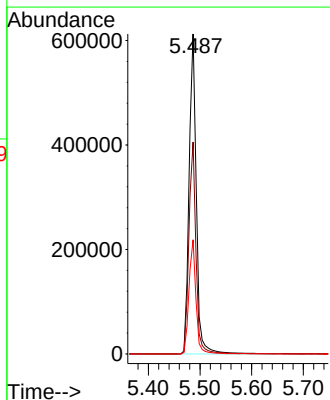
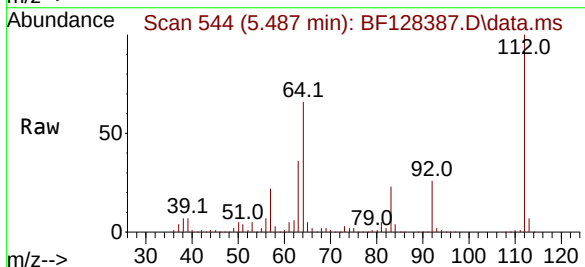
Instrument :
 BNA_F
 ClientSampleId :
 P022-SS001-1218-01

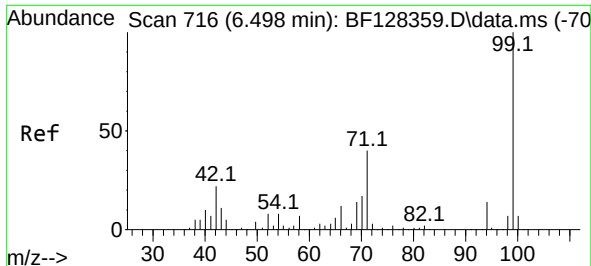
Tgt Ion:152 Resp: 87592
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.3 187.9
 115 66.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 108.196 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF128387.D
 Acq: 21 May 2022 02:31

Tgt Ion:112 Resp: 595531
 Ion Ratio Lower Upper
 112 100
 64 66.2 49.5 74.3
 63 35.7 26.3 39.5

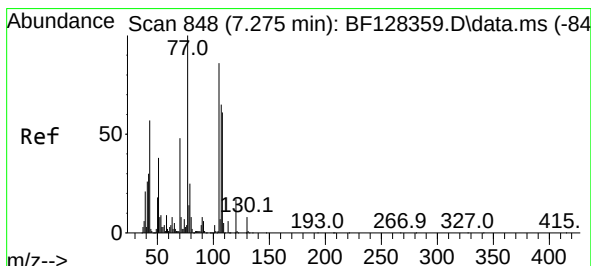
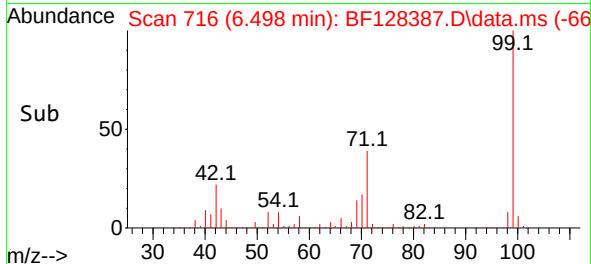
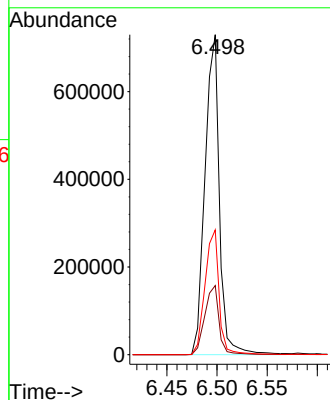
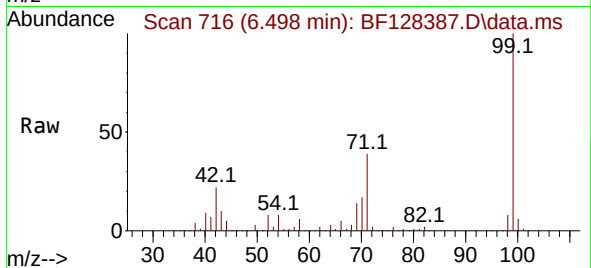




#7
Phenol-d6
Concen: 101.040 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

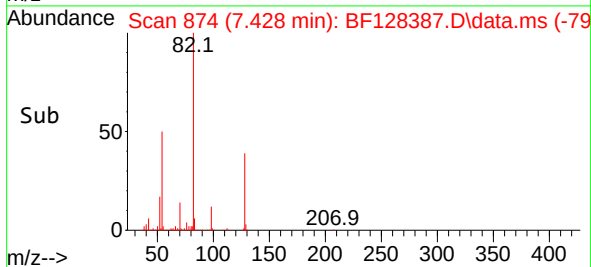
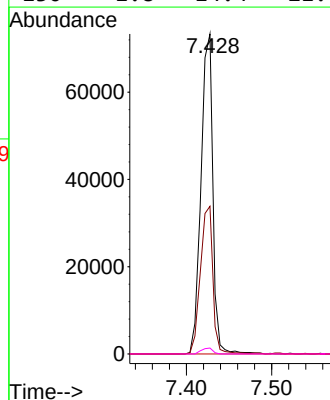
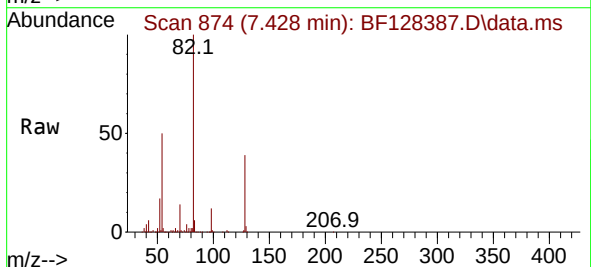
Instrument :
BNA_F
ClientSampleId :
P022-SS001-1218-01

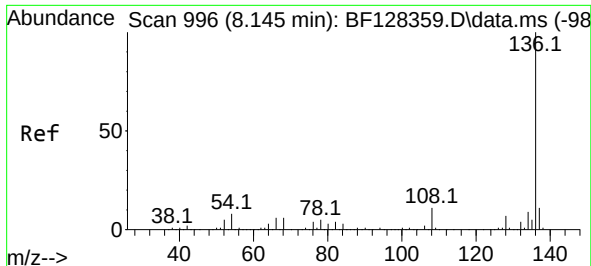
Tgt Ion: 99 Resp: 732320
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 39.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.373 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

Tgt Ion: 70 Resp: 70972
Ion Ratio Lower Upper
70 100
42 46.2 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

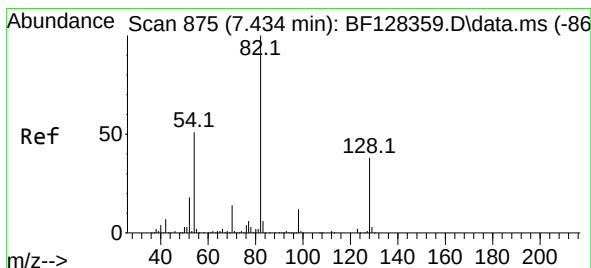
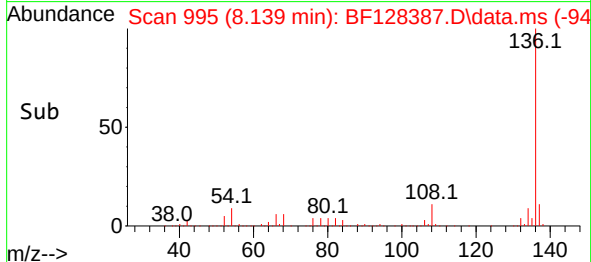
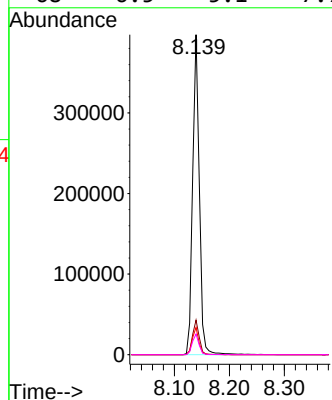
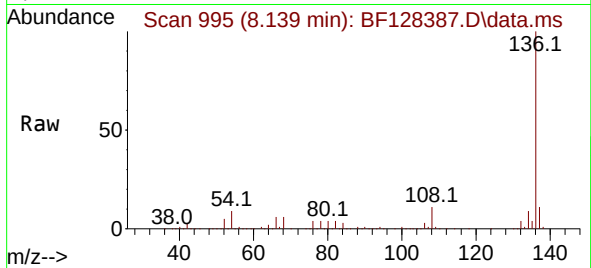




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

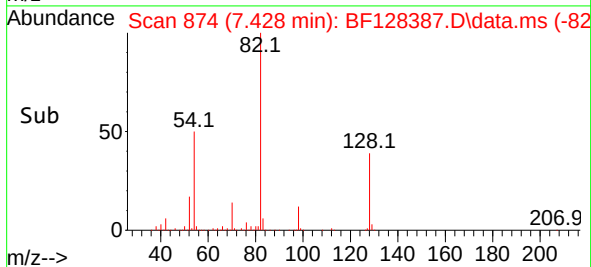
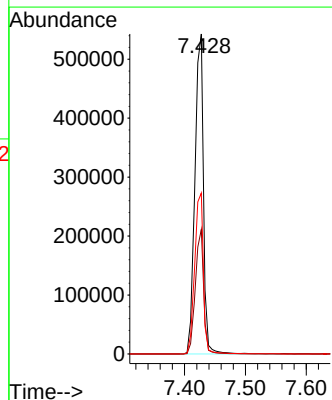
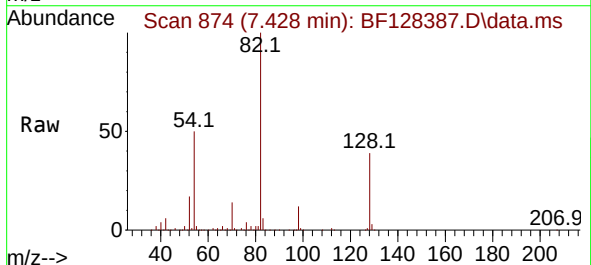
Instrument :
BNA_F
ClientSampleId :
P022-SS001-1218-01

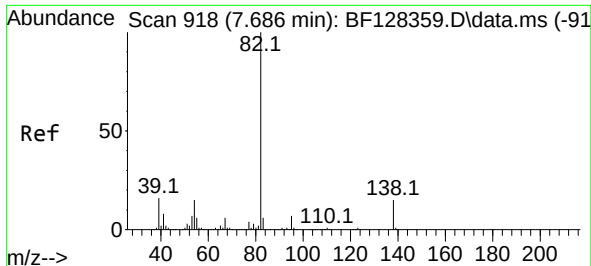
Tgt Ion:	136	Resp:	333639
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.5	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 71.178 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

Tgt Ion:	82	Resp:	530021
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.0	45.0
54	50.3	41.3	61.9

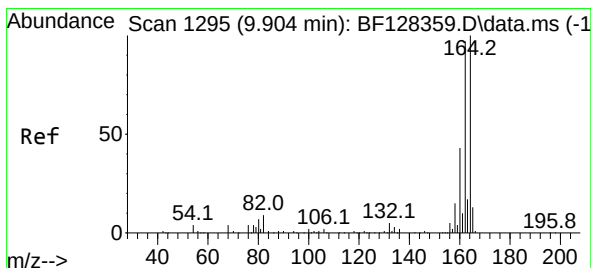
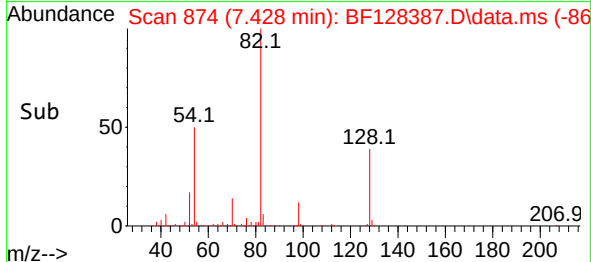
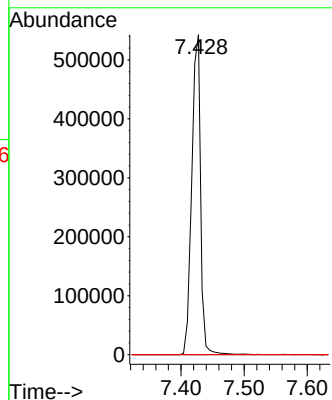
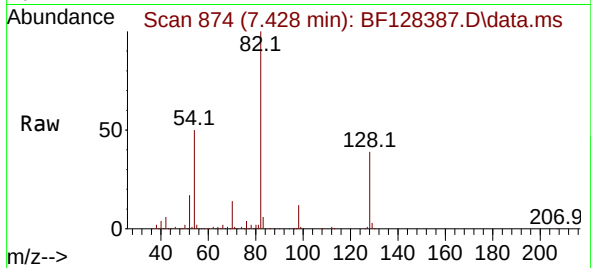




#25
Isophorone
Concen: 46.446 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

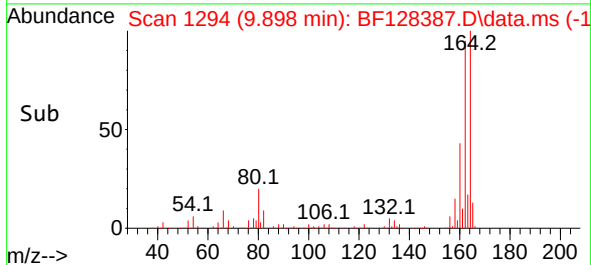
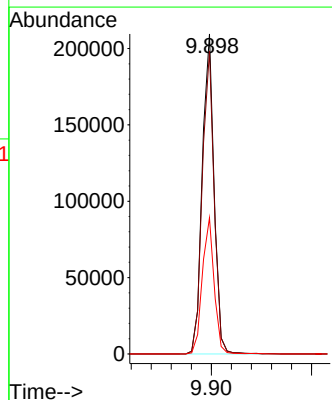
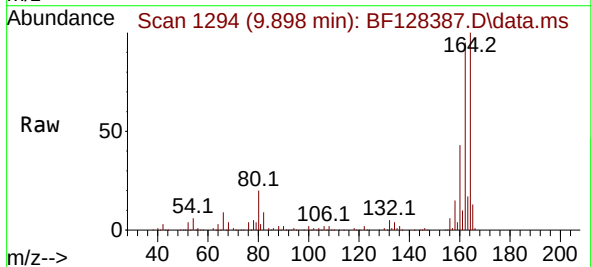
Instrument :
BNA_F
ClientSampleId :
P022-SS001-1218-01

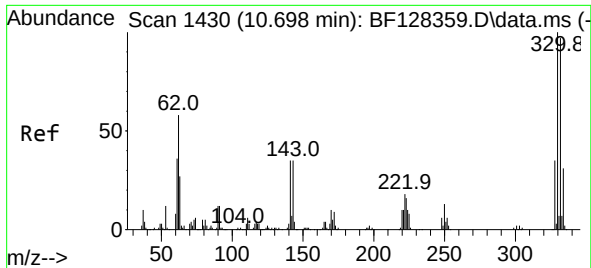
Tgt Ion: 82 Resp: 530015
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

Tgt Ion: 164 Resp: 172209
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 42.6 34.8 52.2

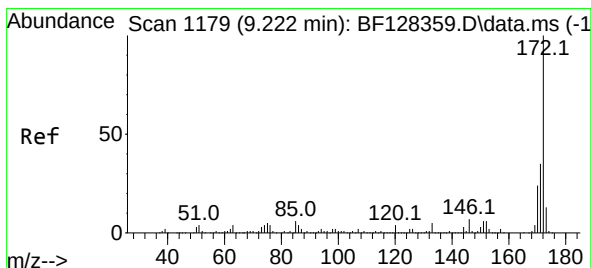
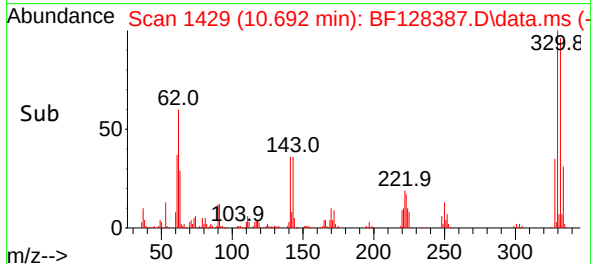
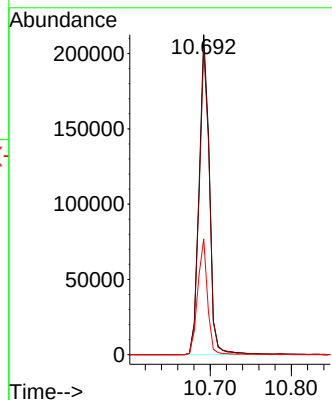
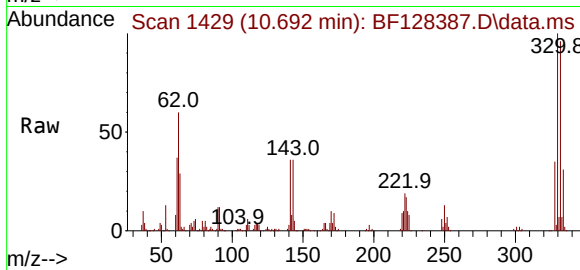




#42
2,4,6-Tribromophenol
Concen: 105.752 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

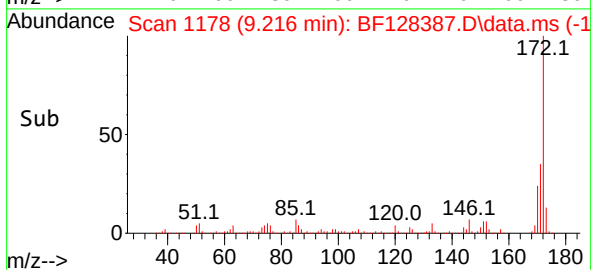
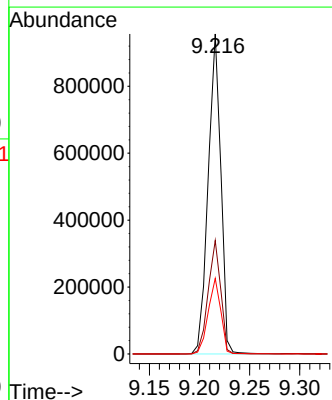
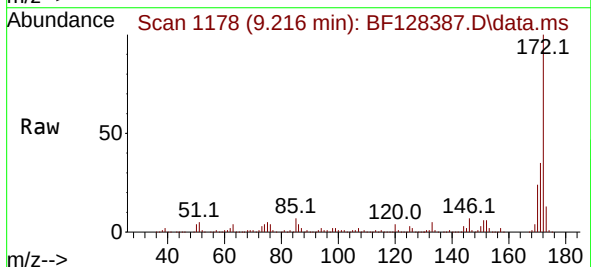
Instrument :
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ClientSampleId :
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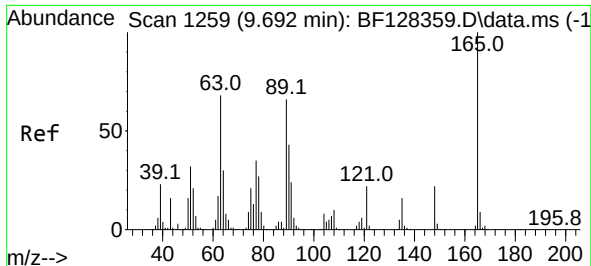
Tgt Ion: 330 Resp: 187815
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 34.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 80.280 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

Tgt Ion: 172 Resp: 845391
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.914 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128387.D

Acq: 21 May 2022 02:31

Instrument :

BNA_F

ClientSampleId :

P022-SS001-1218-01

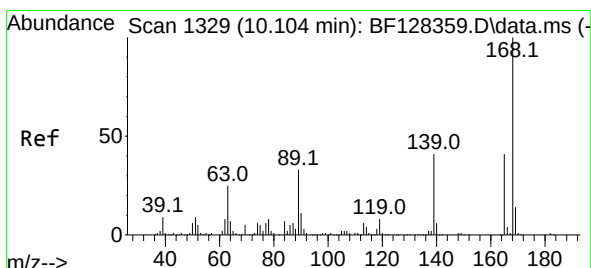
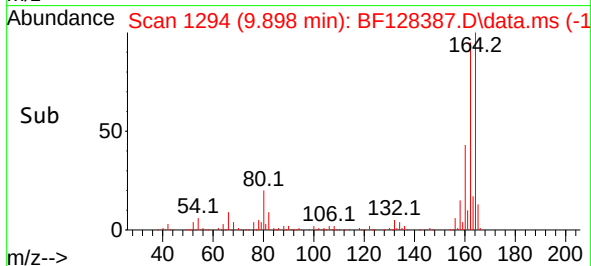
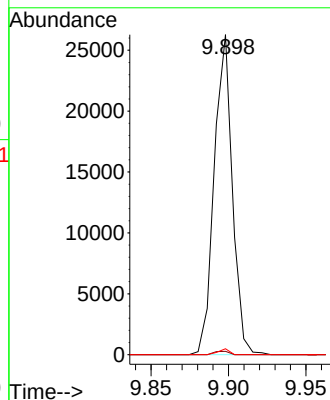
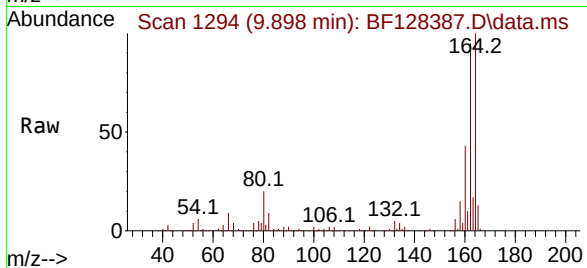
Tgt Ion:165 Resp: 21385

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.075 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128387.D

Acq: 21 May 2022 02:31

Tgt Ion:165 Resp: 21385

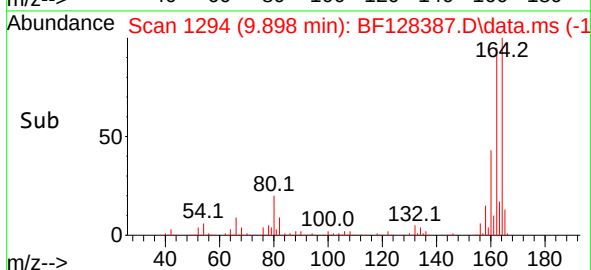
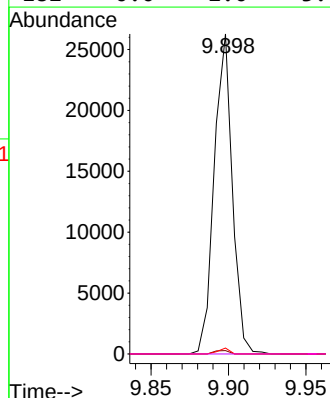
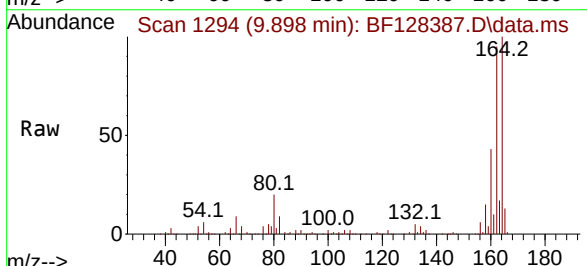
Ion Ratio Lower Upper

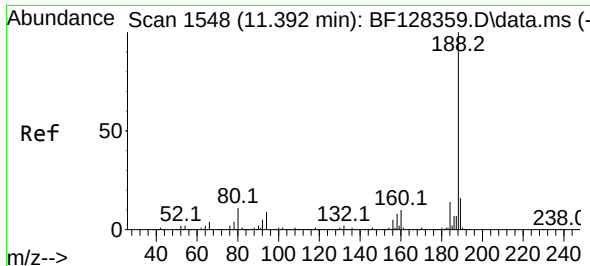
165 100

63 1.0 32.6 49.0#

89 1.8 55.2 82.8#

182 0.0 2.0 3.0#

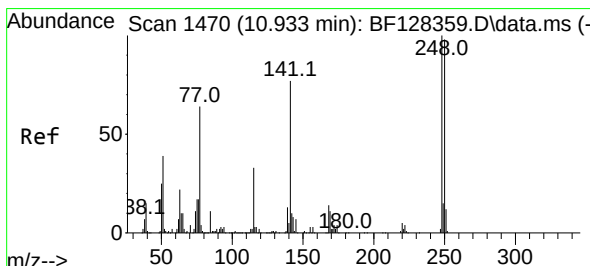
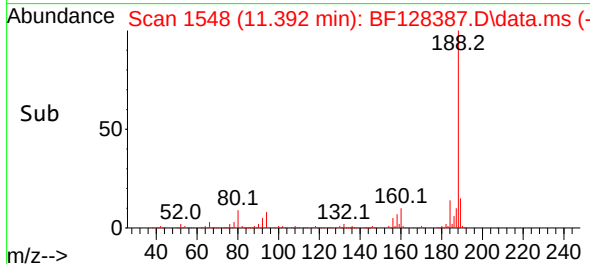
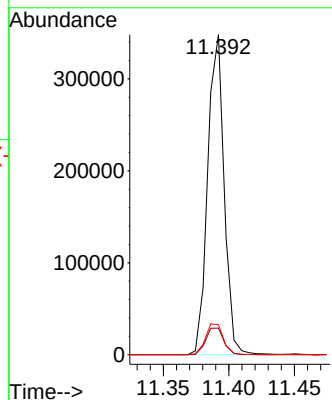
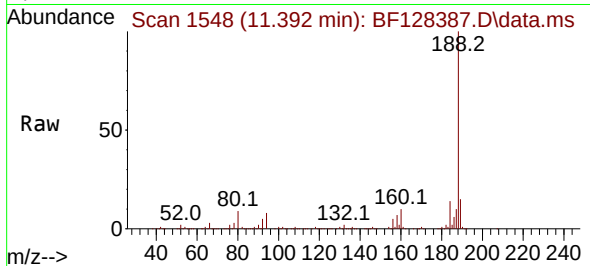




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

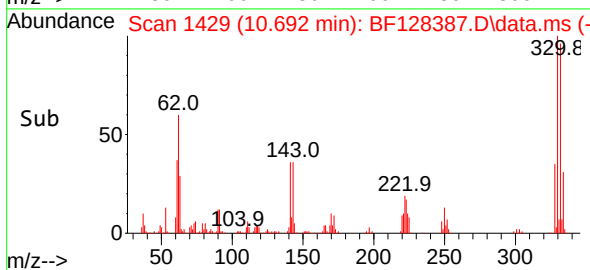
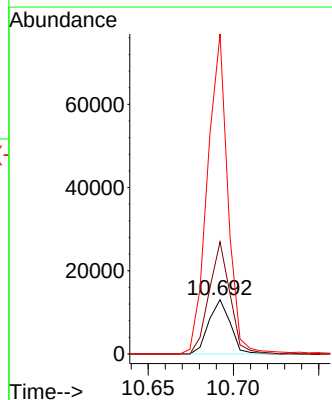
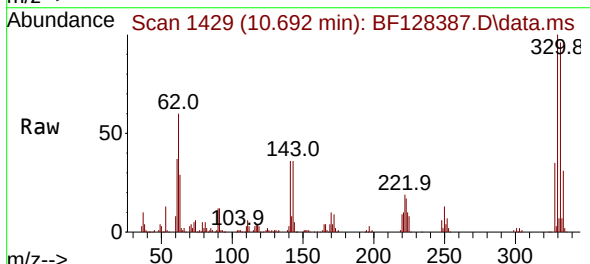
Instrument :
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P022-SS001-1218-01

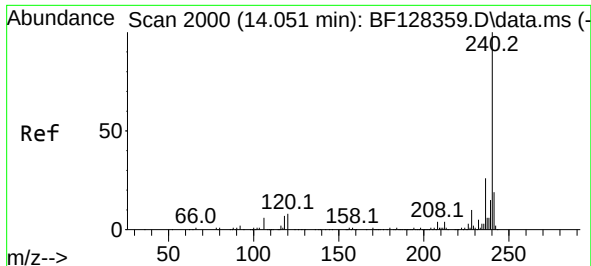
Tgt Ion:188 Resp: 304780
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

Tgt Ion:248 Resp: 11427
Ion Ratio Lower Upper
248 100
250 206.7 77.7 116.5#
141 589.9 65.6 98.4#

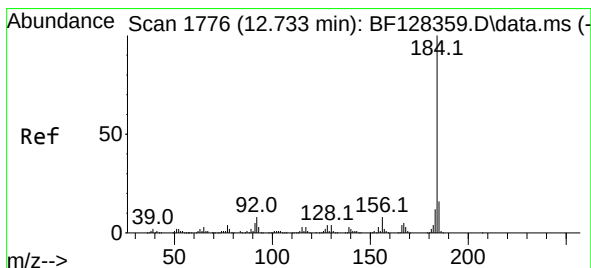
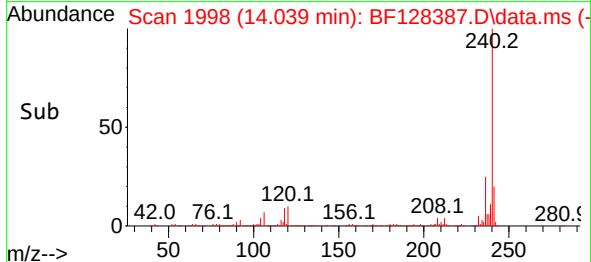
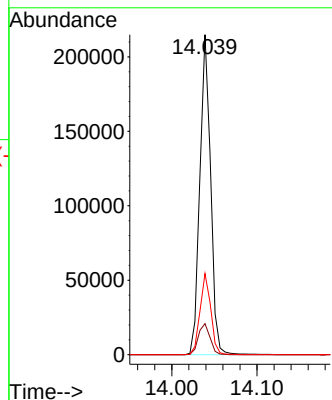
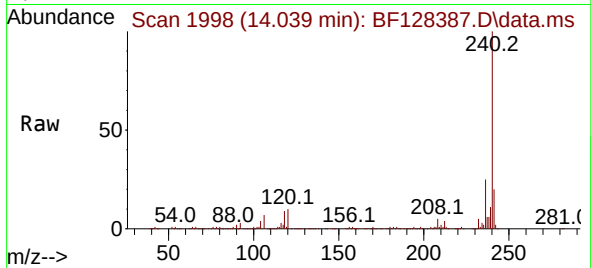




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

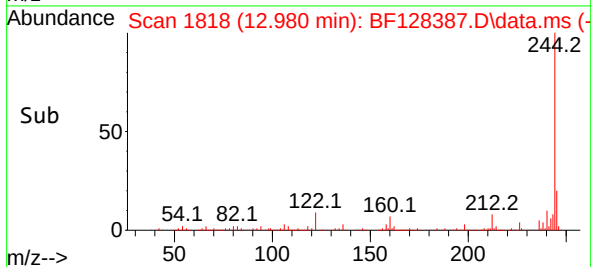
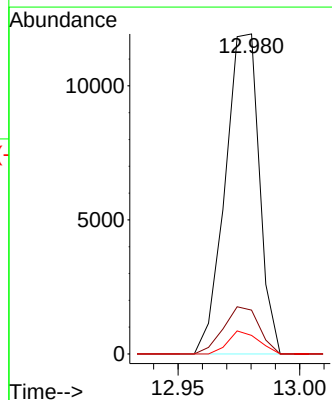
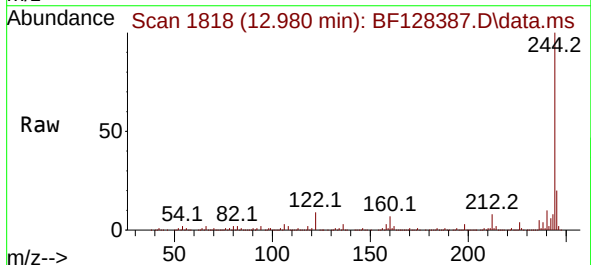
Instrument :
BNA_F
ClientSampleId :
P022-SS001-1218-01

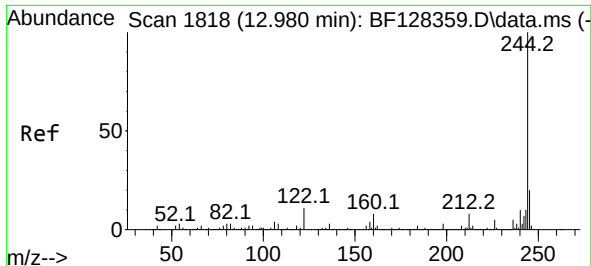
Tgt Ion:240 Resp: 188600
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 2.961 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128387.D
Acq: 21 May 2022 02:31

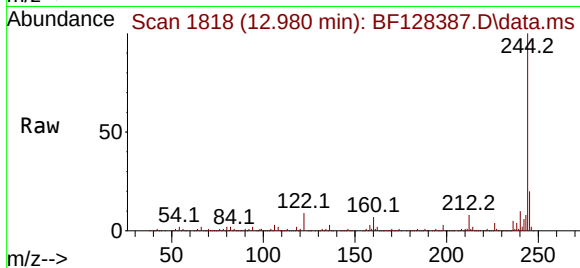
Tgt Ion:184 Resp: 11613
Ion Ratio Lower Upper
184 100
185 13.7 12.1 18.1
183 5.8 9.0 13.4#



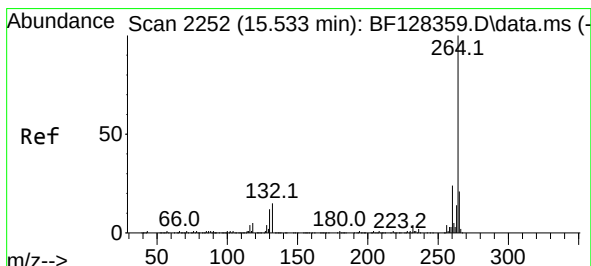
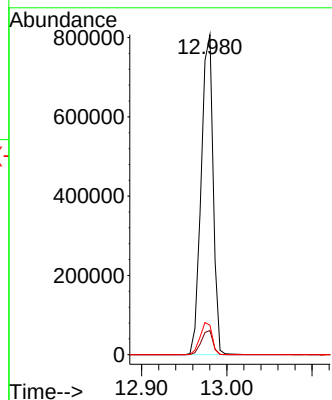
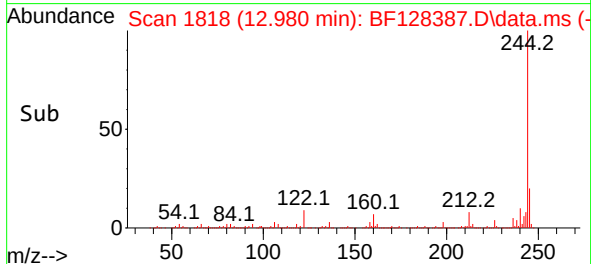


#79
 Terphenyl-d14
 Concen: 80.673 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128387.D
 Acq: 21 May 2022 02:31

Instrument :
 BNA_F
 ClientSampleId :
 P022-SS001-1218-01



Tgt Ion:244 Resp: 788163
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.2 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: BF128387.D
 Acq: 21 May 2022 02:31

Tgt Ion:264 Resp: 180104
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.0 17.5 26.3

