

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128873.D
 Acq On : 20 Jun 2022 13:31
 Operator : CG\JU
 Sample : N3383-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-04-(10-15)

Quant Time: Jun 21 01:13:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

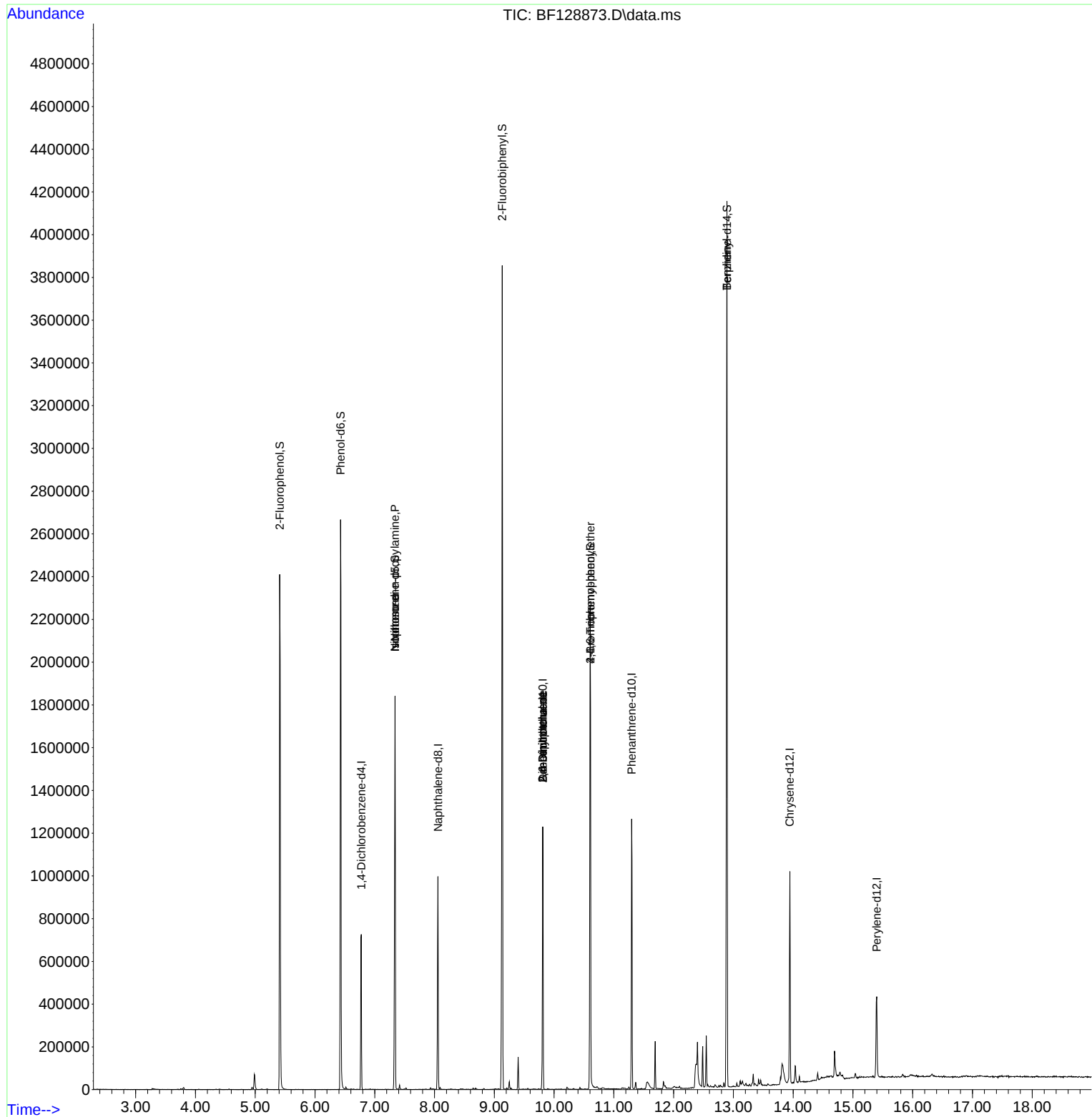
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	103654	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	406722	20.00	ng	# 0.00
39) Acenaphthene-d10	9.810	164	239659	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	460617	20.00	ng	0.00
76) Chrysene-d12	13.945	240	318005	20.00	ng	# 0.00
86) Perylene-d12	15.398	264	169404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	574553	88.29	ng	0.00
7) Phenol-d6	6.428	99	808762	101.81	ng	-0.01
23) Nitrobenzene-d5	7.340	82	578870	66.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	268351	94.77	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1155337	67.53	ng	0.00
79) Terphenyl-d14	12.892	244	1389694	75.94	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	82859	16.78	ng	# 79
25) Isophorone	7.340	82	577711	43.54	ng	# 65
50) Dimethylphthalate	9.810	163	42093	2.57	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	30282	9.35	ng	# 26
57) 2,4-Dinitrotoluene	9.810	165	30282	7.01	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	16939	3.30	ng	# 1
77) Benzidine	12.892	184	20537	3.24	ng	# 93

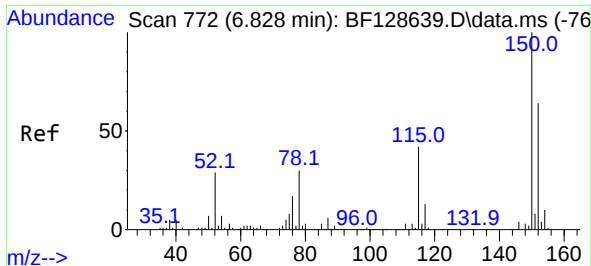
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
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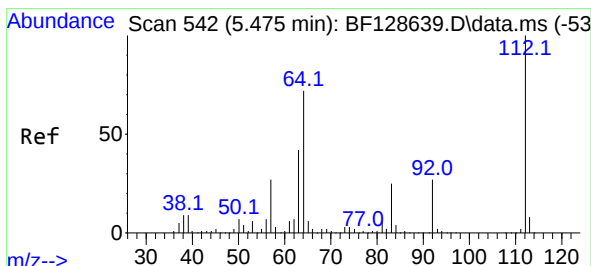
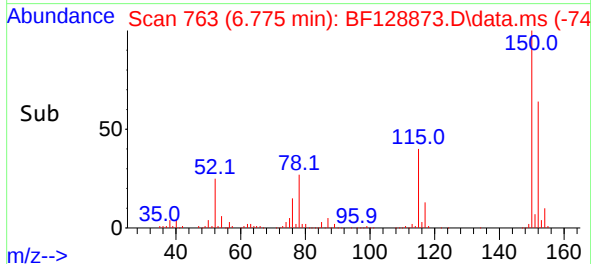
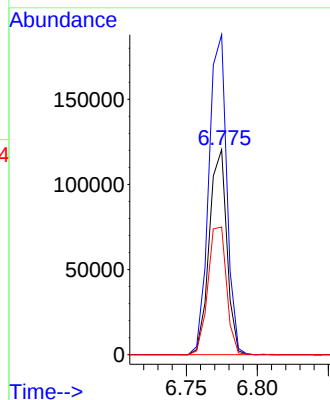
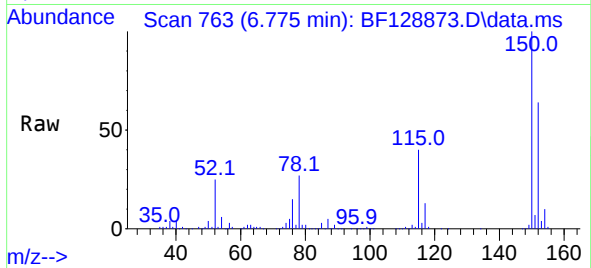




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

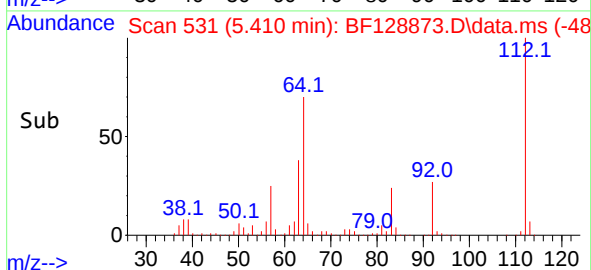
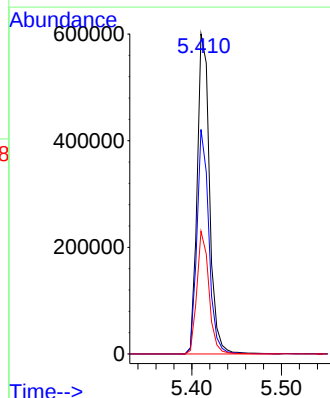
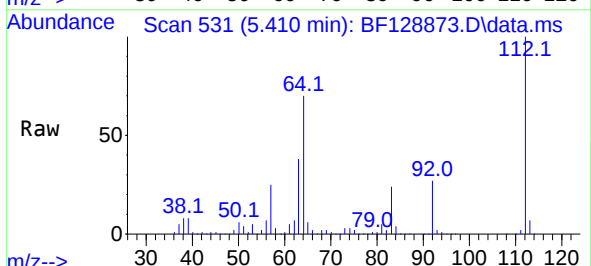
Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

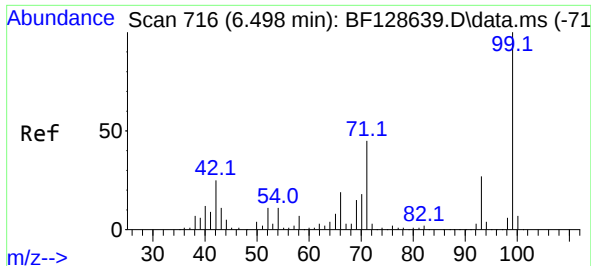
Tgt Ion:152 Resp: 103654
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 88.29 ng
RT: 5.410 min Scan# 531
Delta R.T. -0.000 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion:112 Resp: 574553
Ion Ratio Lower Upper
112 100
64 70.2 53.3 79.9
63 38.4 28.0 42.0

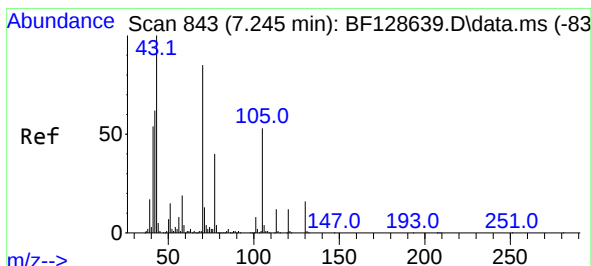
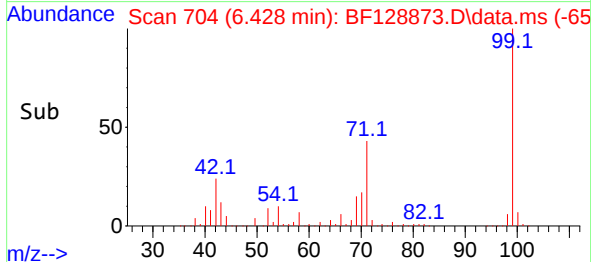
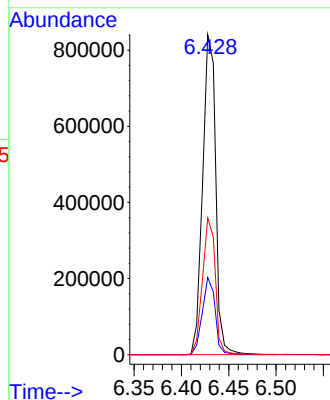
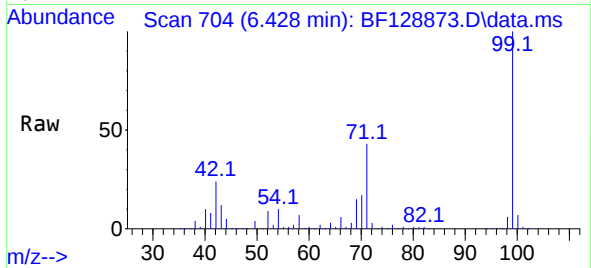




#7
Phenol-d6
Concen: 101.81 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

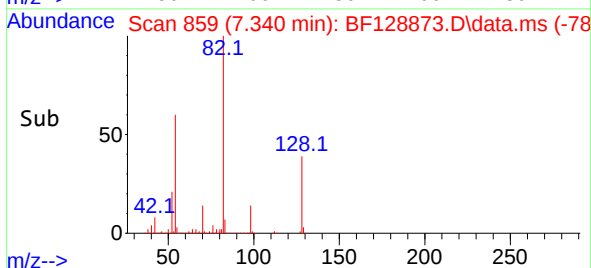
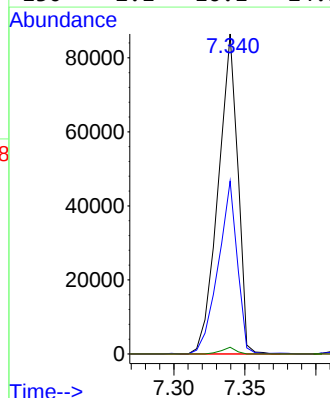
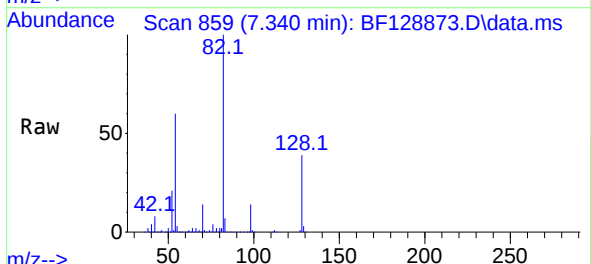
Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

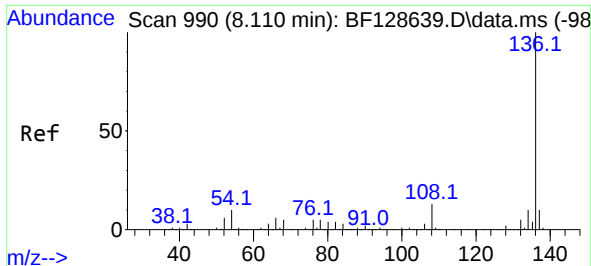
Tgt Ion: 99 Resp: 808762
Ion Ratio Lower Upper
99 100
42 24.1 17.3 25.9
71 42.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.78 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.141 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion: 70 Resp: 82859
Ion Ratio Lower Upper
70 100
42 54.0 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.057 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128873.D

Acq: 20 Jun 2022 13:31

Instrument :

BNA_F

ClientSampleId :

RB-04-(10-15)

Tgt Ion:136 Resp: 406722

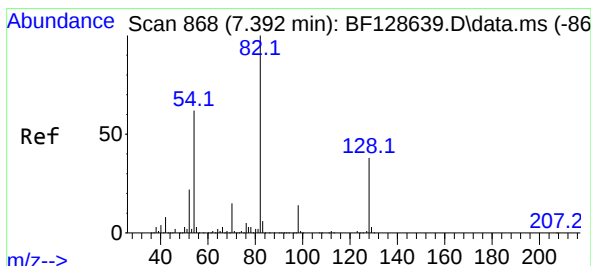
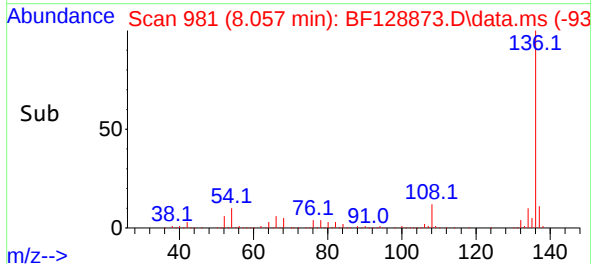
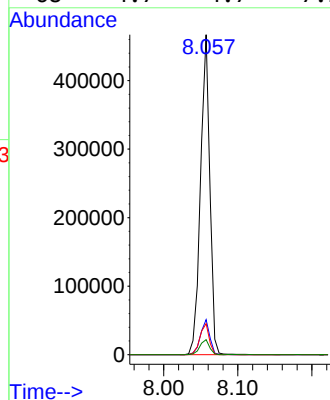
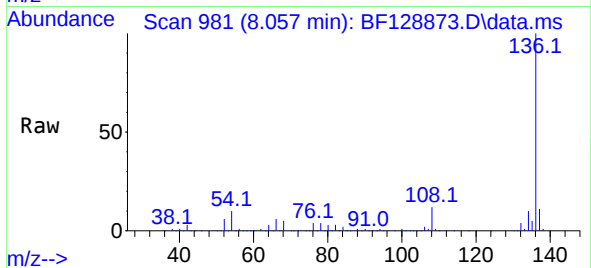
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.7 7.5 11.3

68 4.7 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 66.26 ng

RT: 7.340 min Scan# 859

Delta R.T. -0.012 min

Lab File: BF128873.D

Acq: 20 Jun 2022 13:31

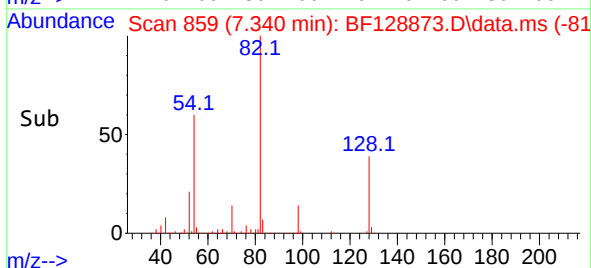
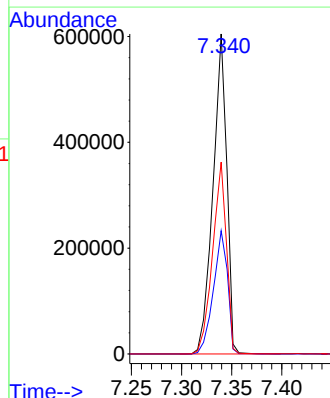
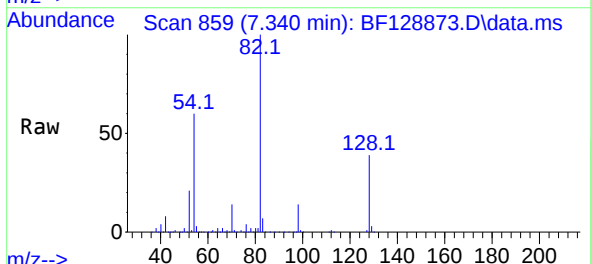
Tgt Ion: 82 Resp: 578870

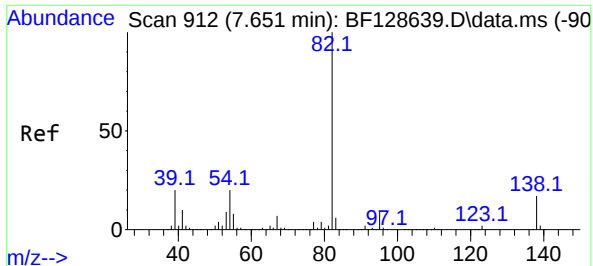
Ion Ratio Lower Upper

82 100

128 38.5 34.0 51.0

54 60.0 46.9 70.3

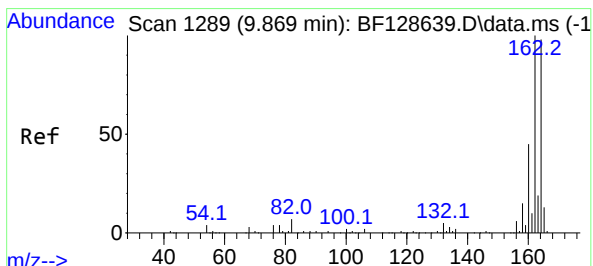
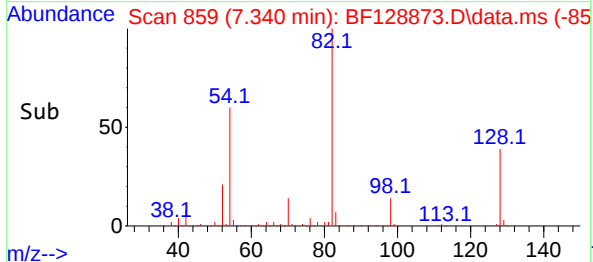
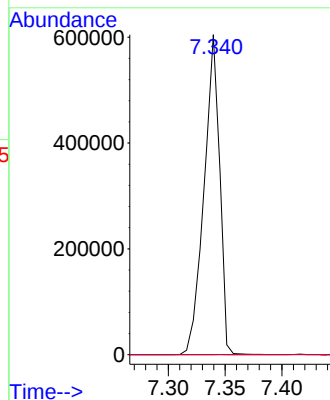
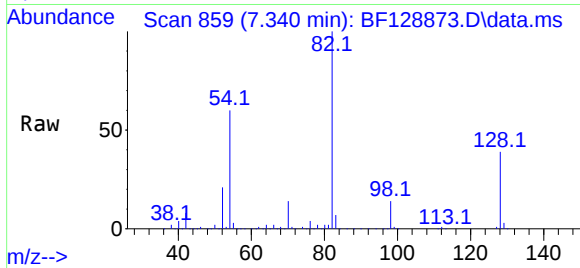




#25
Isophorone
Concen: 43.54 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

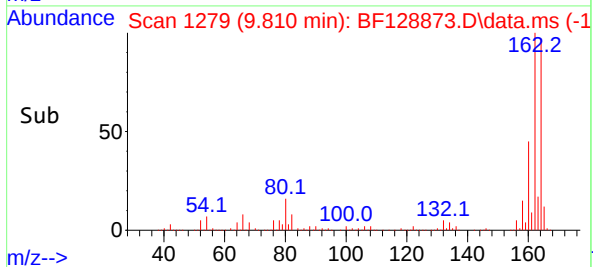
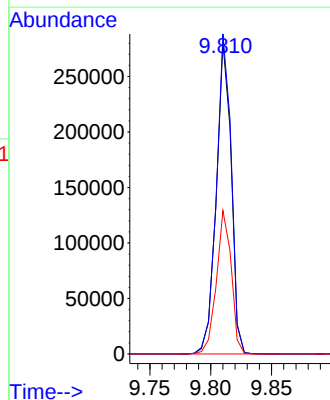
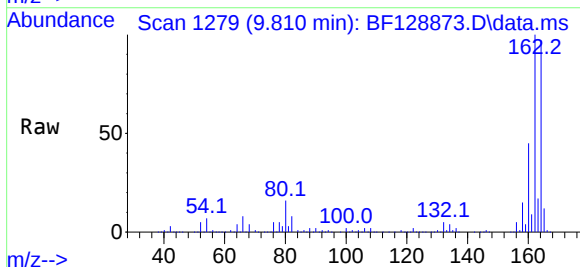
Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

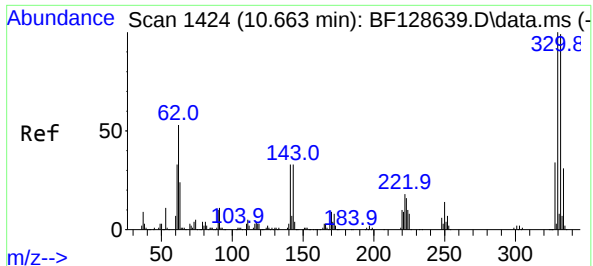
Tgt Ion: 82 Resp: 577711
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion:164 Resp: 239659
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 94.77 ng

RT: 10.610 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF128873.D

Acq: 20 Jun 2022 13:31

Instrument :

BNA_F

ClientSampleId :

RB-04-(10-15)

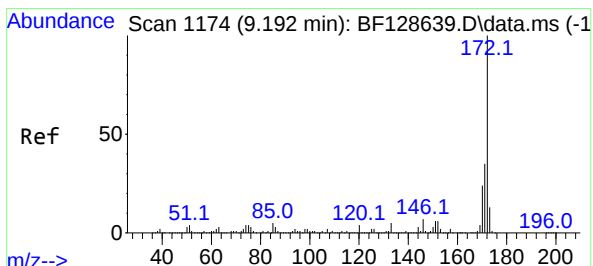
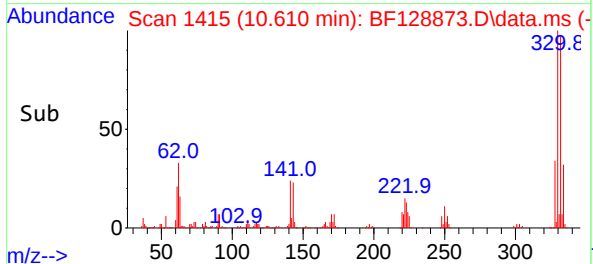
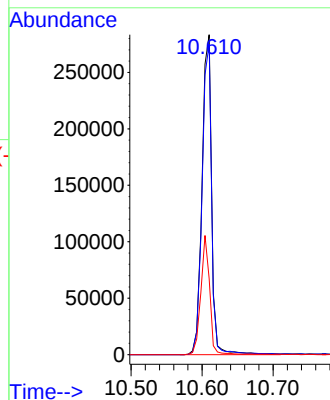
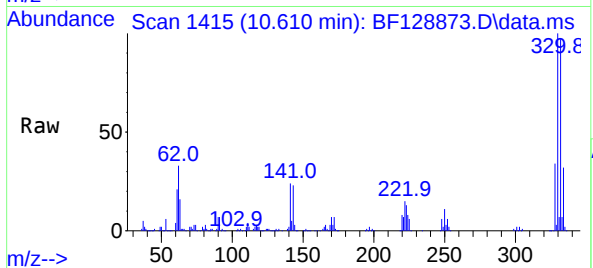
Tgt Ion:330 Resp: 268351

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.53 ng

RT: 9.134 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF128873.D

Acq: 20 Jun 2022 13:31

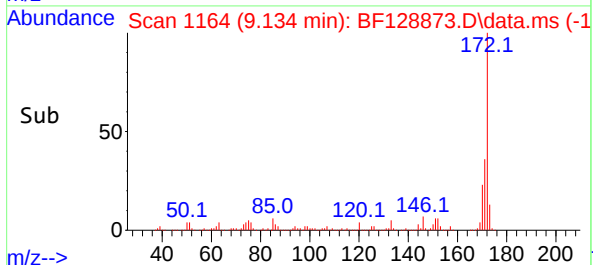
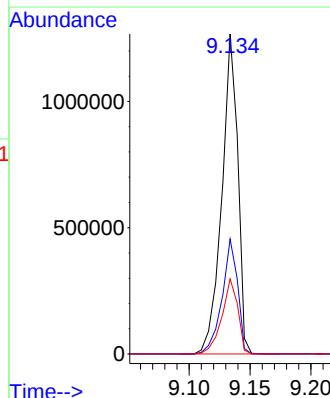
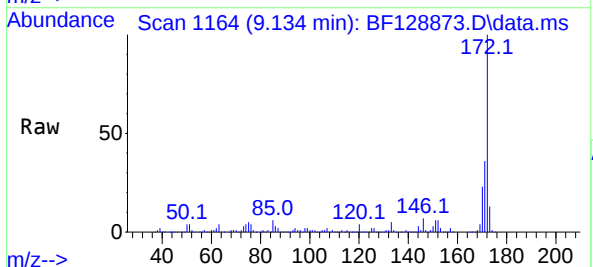
Tgt Ion:172 Resp: 1155337

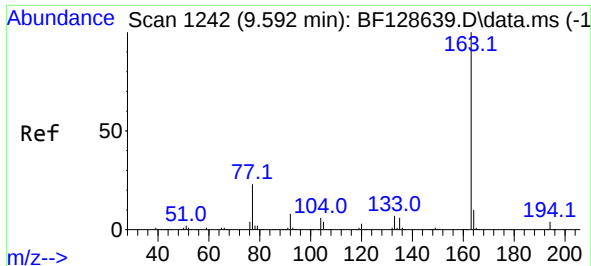
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 19.8 29.8

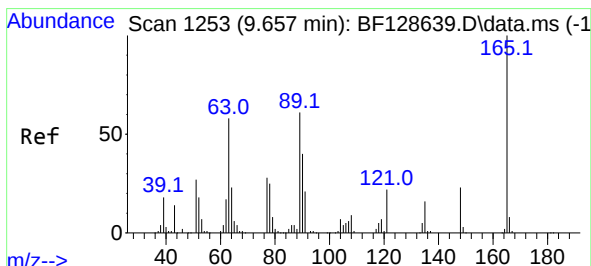
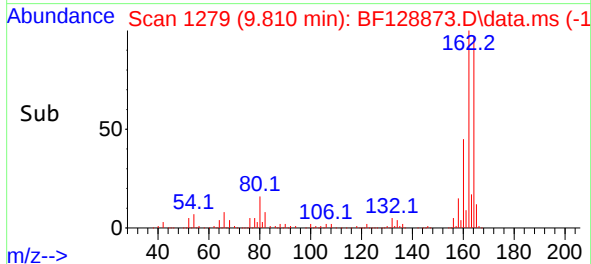
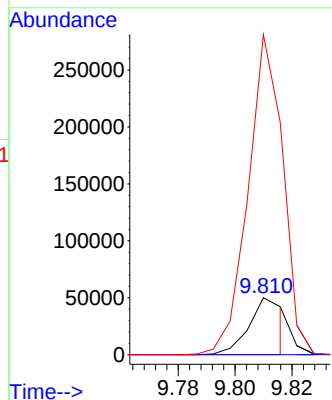
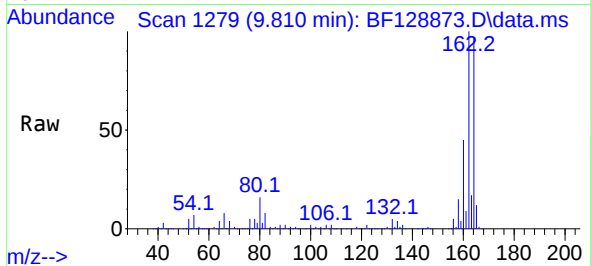




#50
Dimethylphthalate
Concen: 2.57 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.265 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

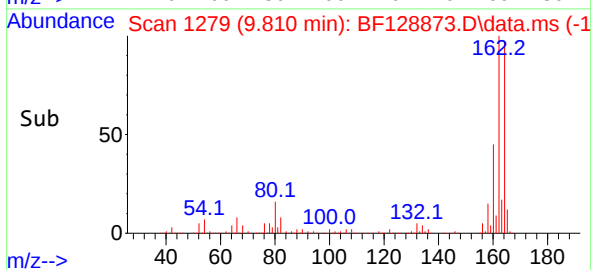
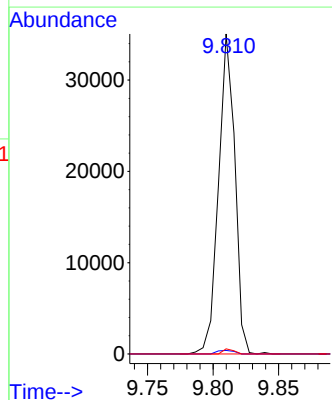
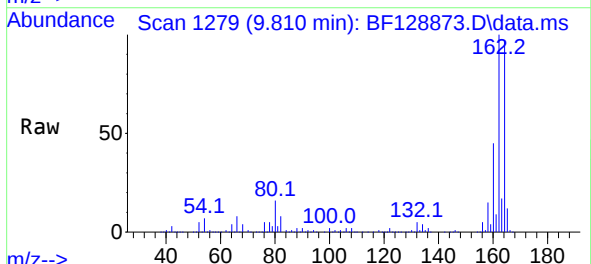
Instrument :
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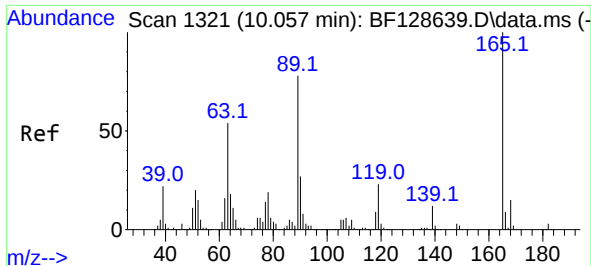
Tgt Ion:163 Resp: 42093
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 562.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.35 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.200 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion:165 Resp: 30282
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.6 43.6 65.4#

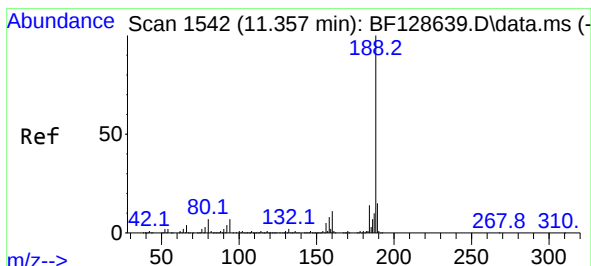
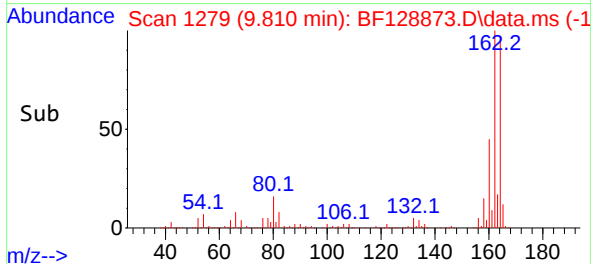
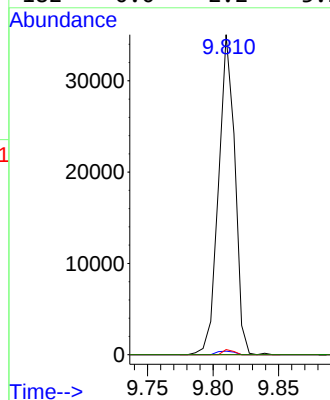
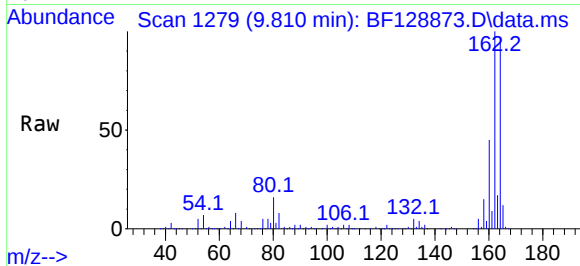




#57
2,4-Dinitrotoluene
Concen: 7.01 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

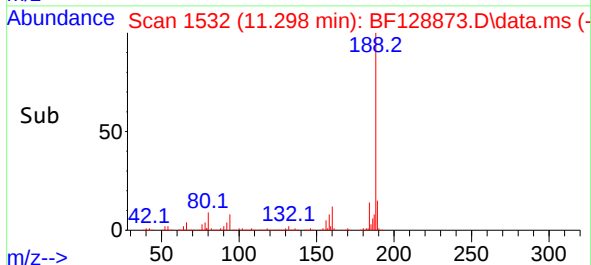
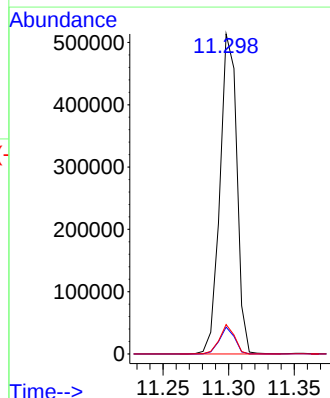
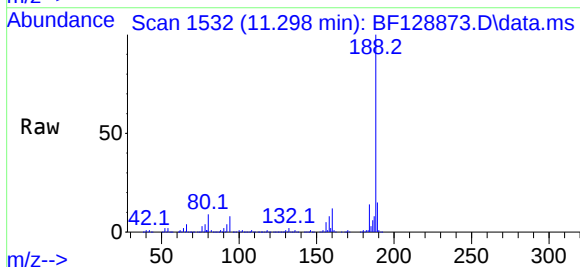
Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

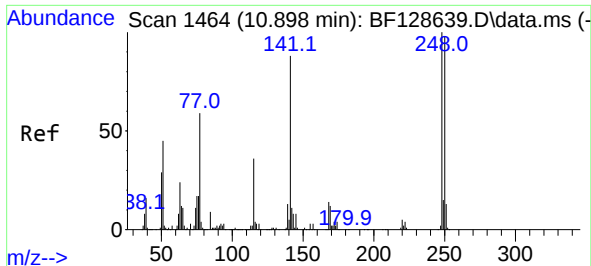
Tgt Ion:165 Resp: 30282
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion:188 Resp: 460617
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.2 7.6 11.4

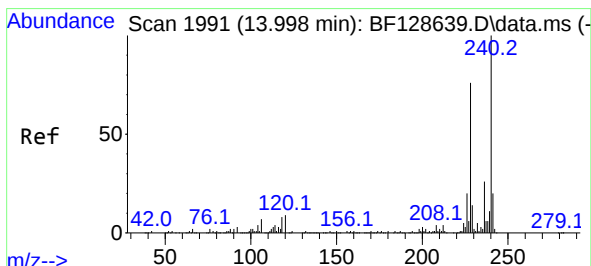
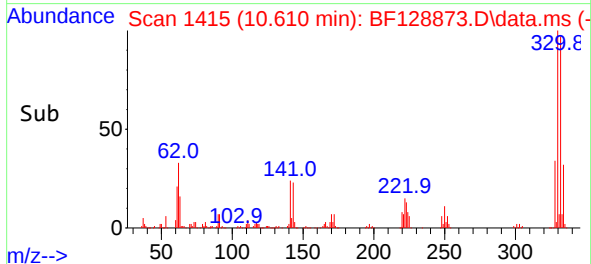
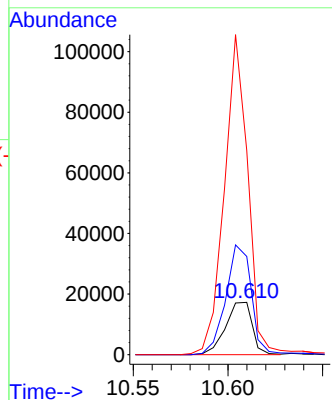
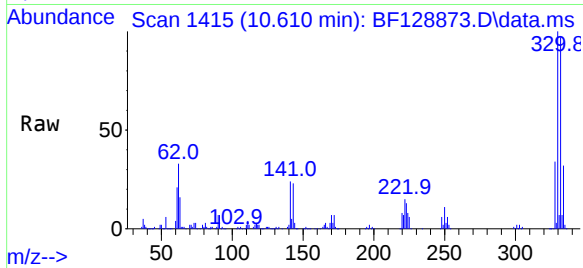




#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.610 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

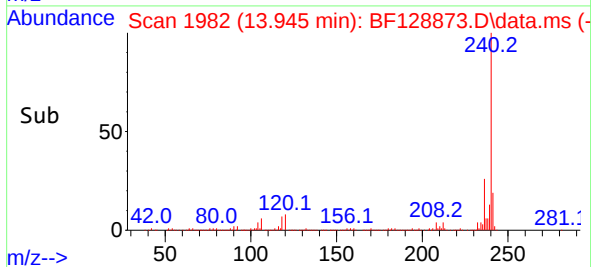
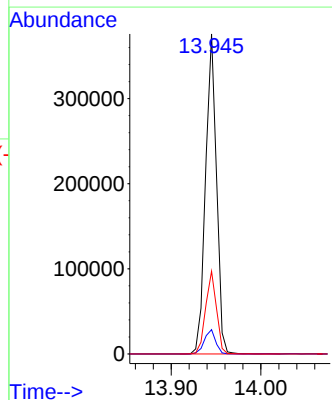
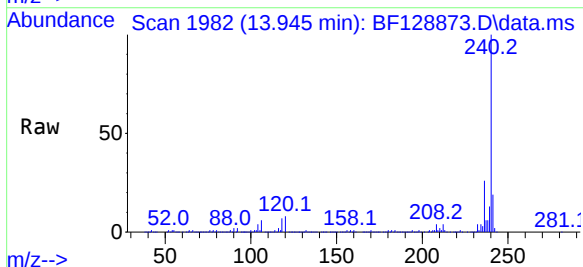
Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

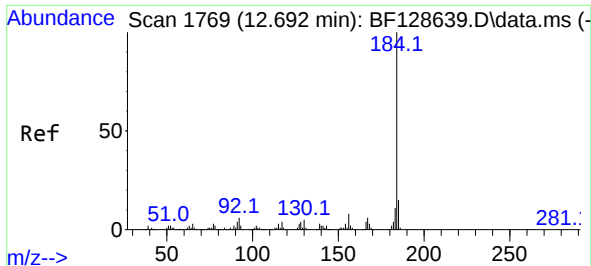
Tgt Ion:248 Resp: 16939
Ion Ratio Lower Upper
248 100
250 188.2 80.6 120.8#
141 390.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion:240 Resp: 318005
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.9 20.8 31.2

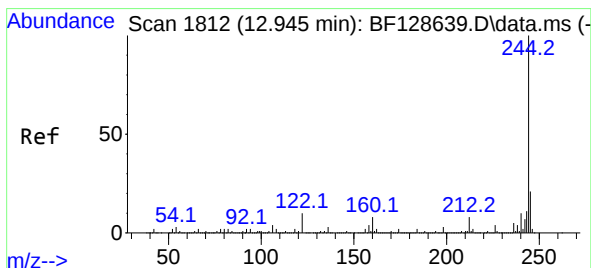
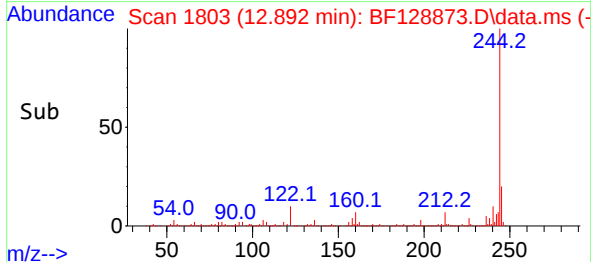
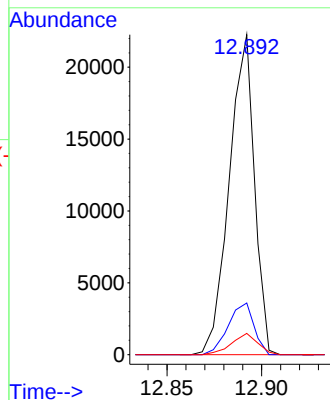
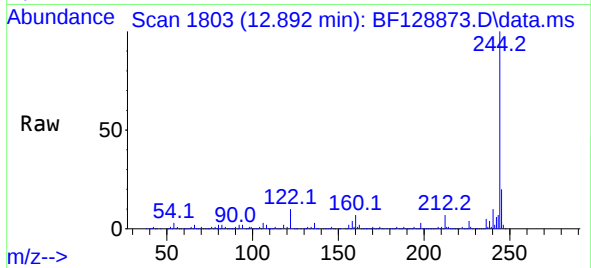




#77
Benzidine
Concen: 3.24 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.247 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

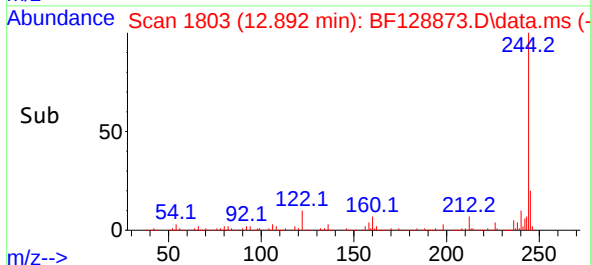
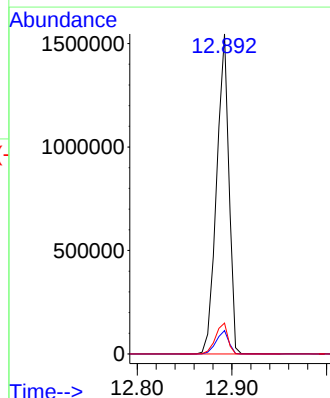
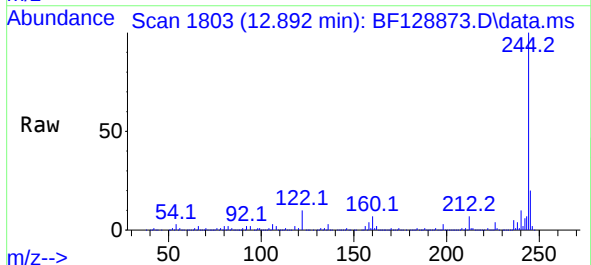
Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

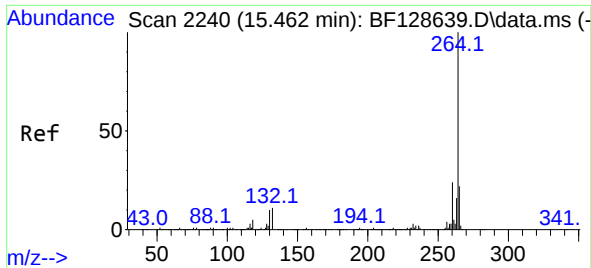
Tgt Ion:184 Resp: 20537
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 75.94 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Tgt Ion:244 Resp: 1389694
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.7 8.8 13.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128873.D
Acq: 20 Jun 2022 13:31

Instrument :
BNA_F
ClientSampleId :
RB-04-(10-15)

Tgt Ion:264 Resp: 169404

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.0	17.2	25.8

