

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128896.D
 Acq On : 21 Jun 2022 12:02
 Operator : CG\JU
 Sample : PB145625BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145625BL

Quant Time: Jun 22 01:48:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

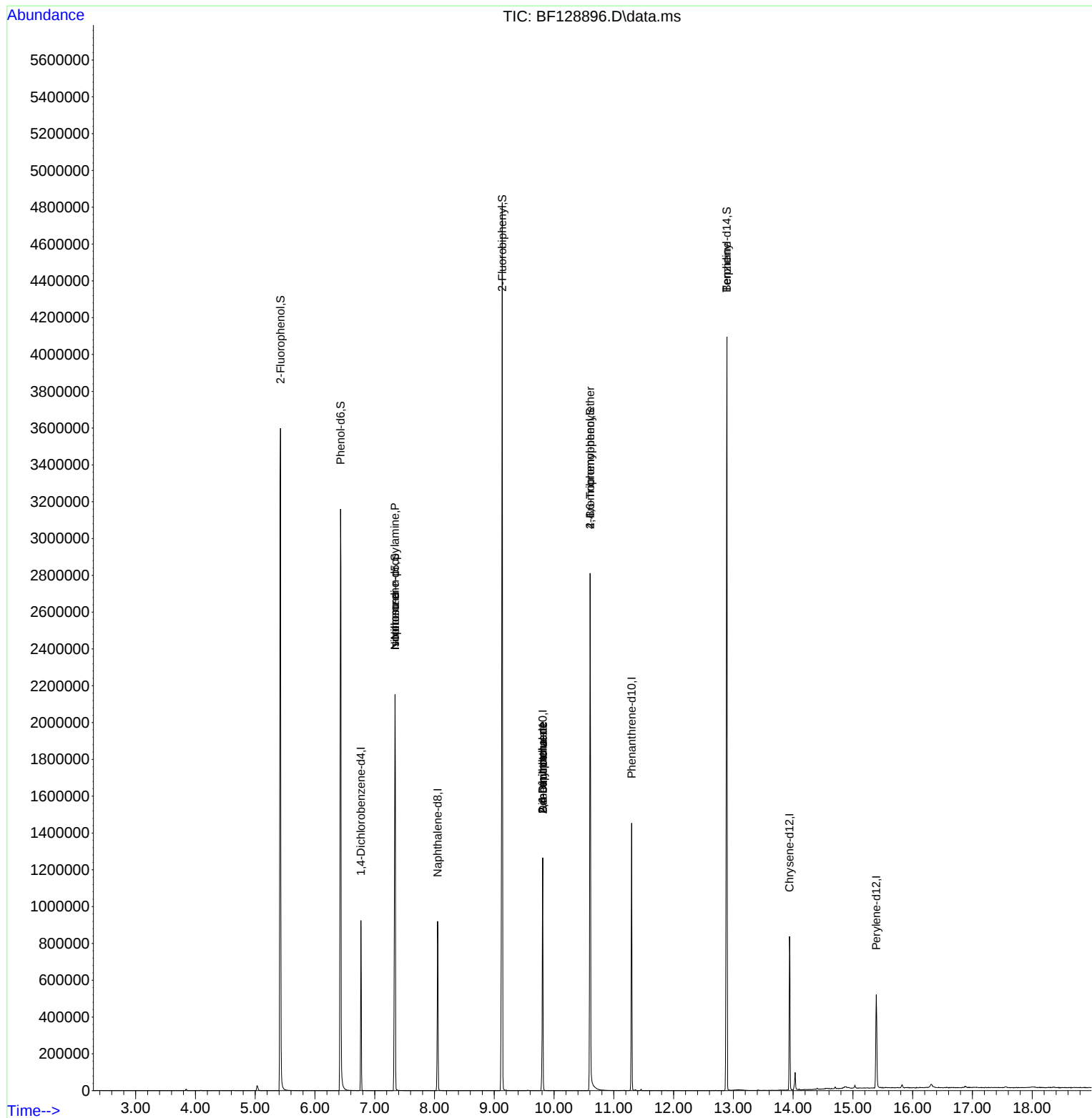
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	117987	20.00	ng	0.01
21) Naphthalene-d8	8.051	136	428131	20.00	ng	0.01
39) Acenaphthene-d10	9.810	164	262362	20.00	ng	0.02
64) Phenanthrene-d10	11.298	188	496339	20.00	ng	# 0.02
76) Chrysene-d12	13.939	240	298942	20.00	ng	# 0.01
86) Perylene-d12	15.392	264	231816	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	932273	125.86	ng	0.04
7) Phenol-d6	6.428	99	1169269	129.32	ng	0.01
23) Nitrobenzene-d5	7.340	82	823534	89.56	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	348627	112.46	ng	0.02
45) 2-Fluorobiphenyl	9.134	172	1577307	84.22	ng	0.02
79) Terphenyl-d14	12.892	244	1544500	89.78	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	114690	20.40	ng	# 77
25) Isophorone	7.340	82	820353	58.74	ng	# 65
50) Dimethylphthalate	9.810	163	46653	2.60	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	32918	9.29	ng	# 26
57) 2,4-Dinitrotoluene	9.810	165	32918	6.96	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	22133	4.00	ng	# 1
77) Benzidine	12.892	184	20132	3.38	ng	# 93

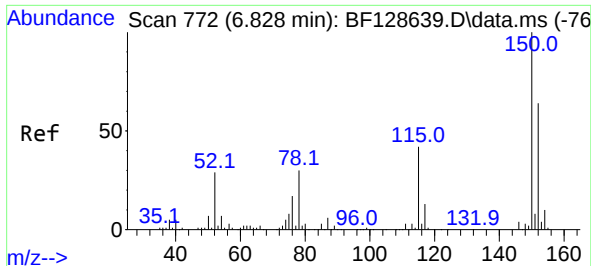
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
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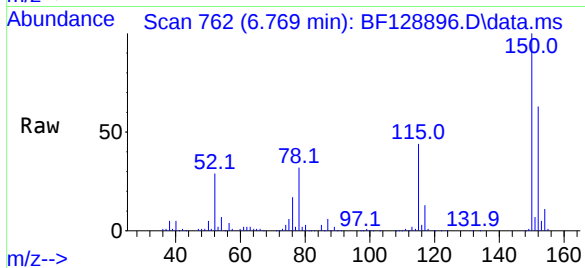
Quant Time: Jun 22 01:48:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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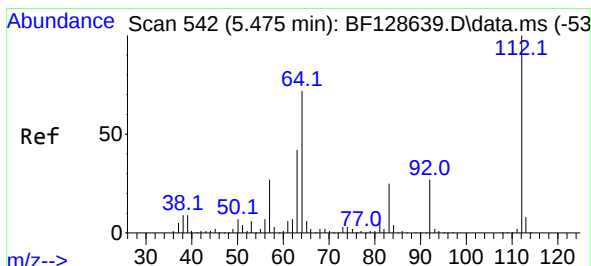
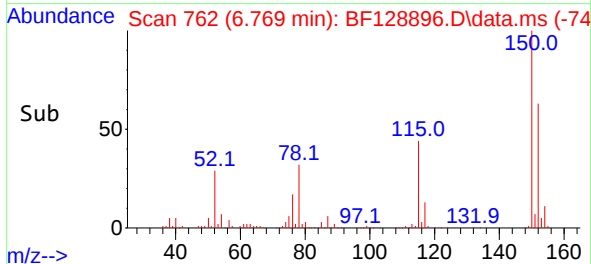
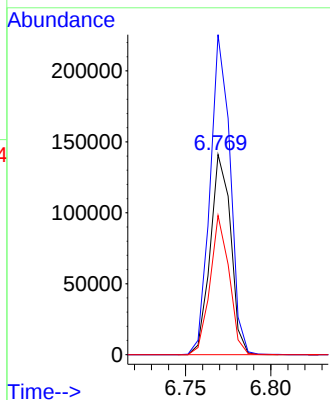


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Instrument :
BNA_F
ClientSampleId :
PB145625BL

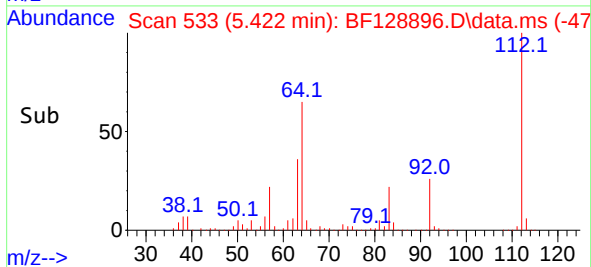
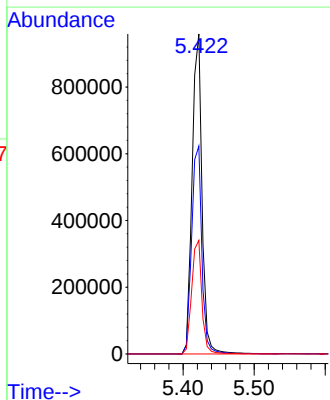
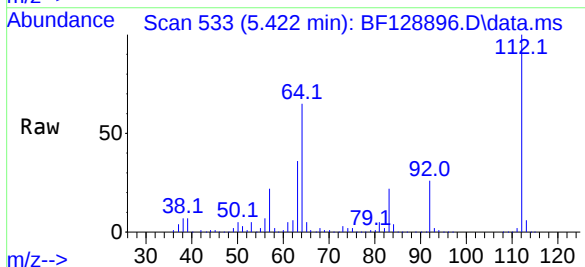


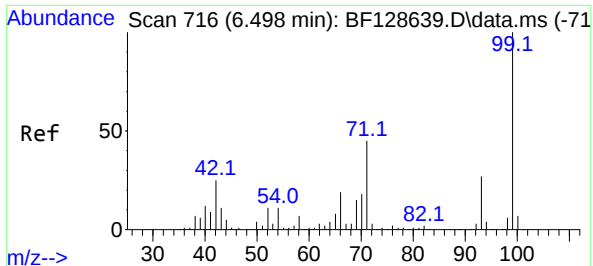
Tgt Ion:152 Resp: 117987
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 69.5 49.9 74.9



#5
2-Fluorophenol
Concen: 125.86 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.035 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:112 Resp: 932273
Ion Ratio Lower Upper
112 100
64 64.9 53.3 79.9
63 35.5 28.0 42.0



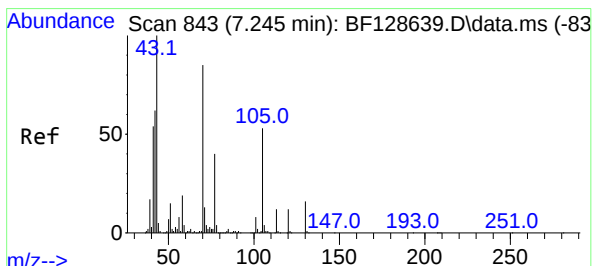
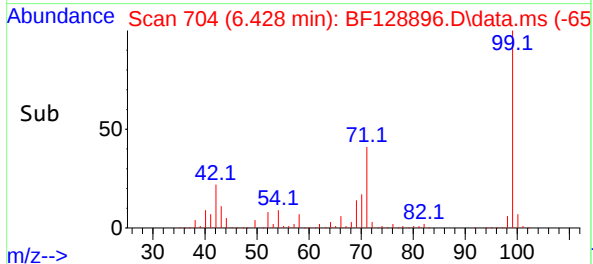
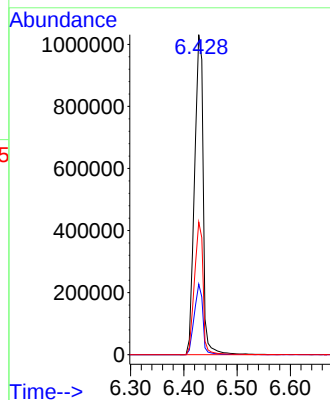
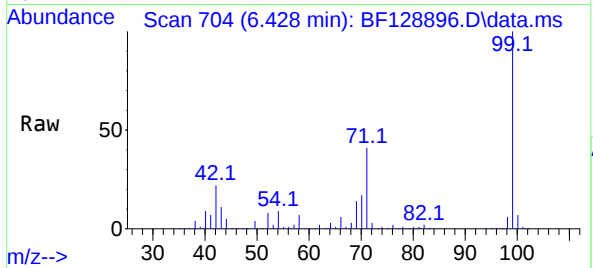


#7
Phenol-d6
Concen: 129.32 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Instrument :
BNA_F
ClientSampleId :
PB145625BL

Tgt Ion: 99 Resp: 1169269

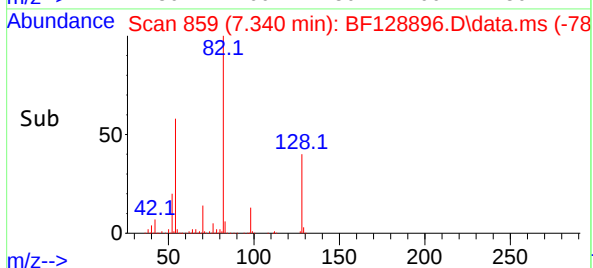
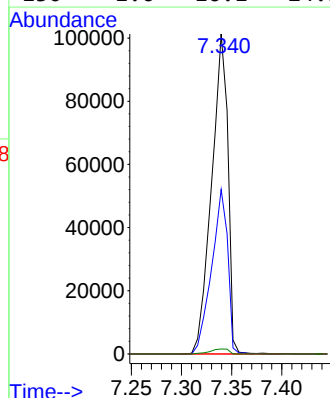
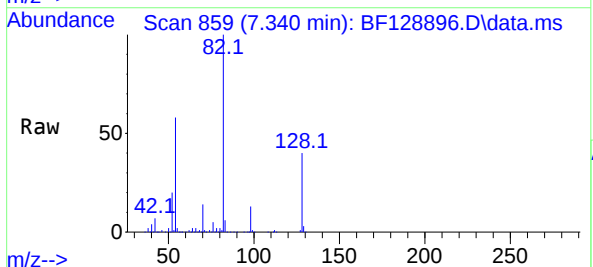
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.3	25.9
71	41.5	28.9	43.3

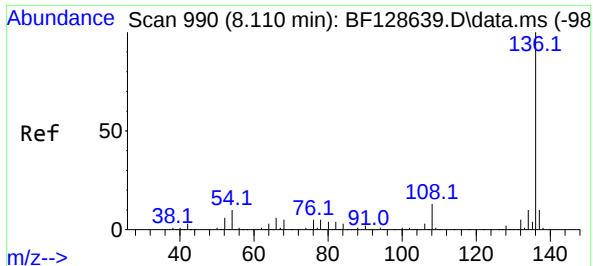


#19
n-Nitroso-di-n-propylamine
Concen: 20.40 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.159 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion: 70 Resp: 114690

Ion	Ratio	Lower	Upper
70	100		
42	51.4	52.3	78.5#
101	0.0	7.5	11.3#
130	1.6	16.1	24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.051 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF128896.D

Acq: 21 Jun 2022 12:02

Instrument :

BNA_F

ClientSampleId :

PB145625BL

Tgt Ion:136 Resp: 428131

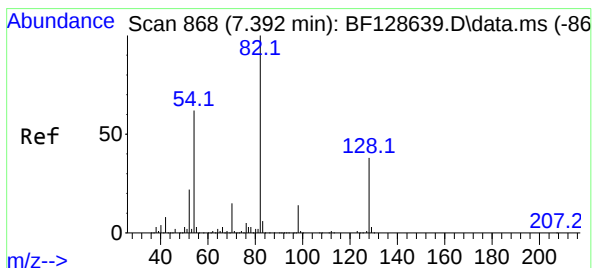
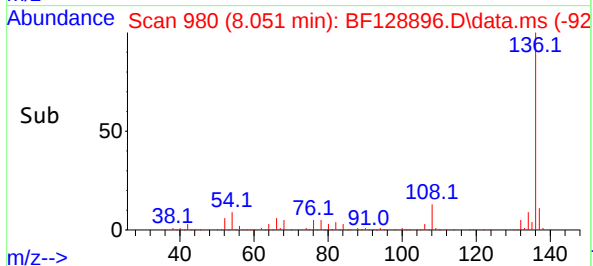
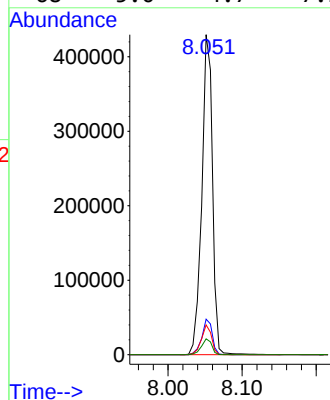
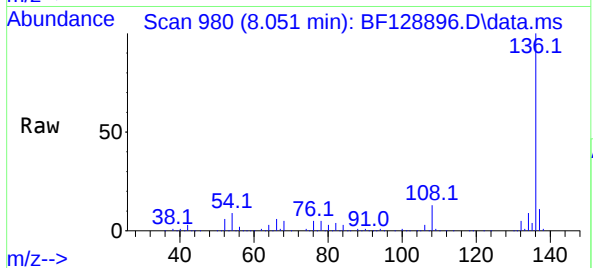
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.3 7.5 11.3

68 5.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 89.56 ng

RT: 7.340 min Scan# 859

Delta R.T. 0.012 min

Lab File: BF128896.D

Acq: 21 Jun 2022 12:02

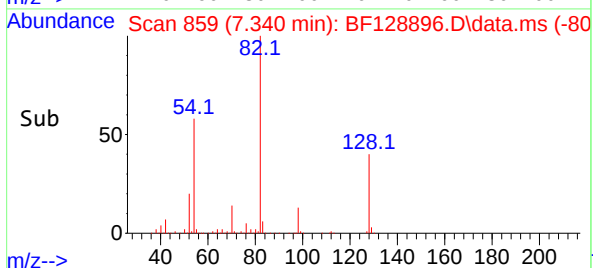
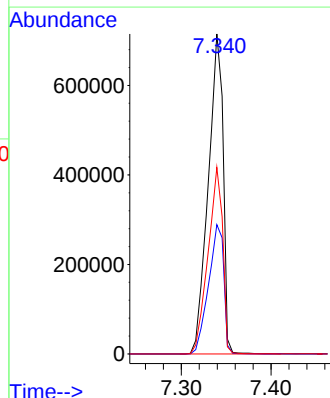
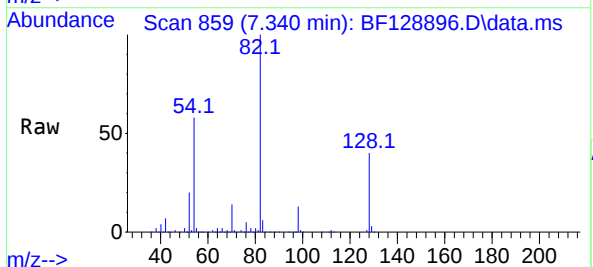
Tgt Ion: 82 Resp: 823534

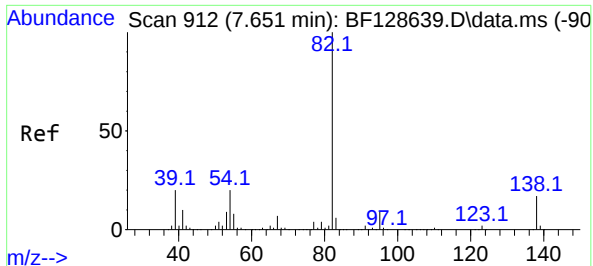
Ion Ratio Lower Upper

82 100

128 40.4 34.0 51.0

54 58.3 46.9 70.3

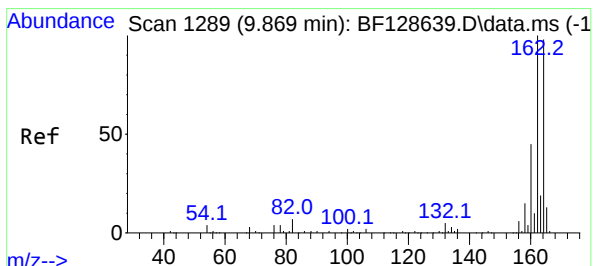
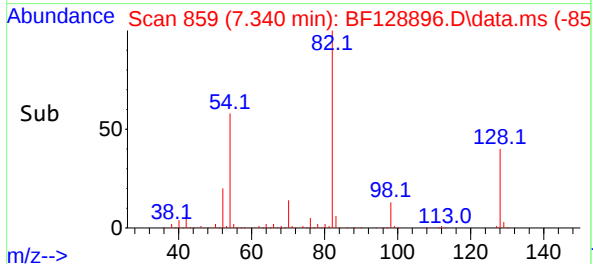
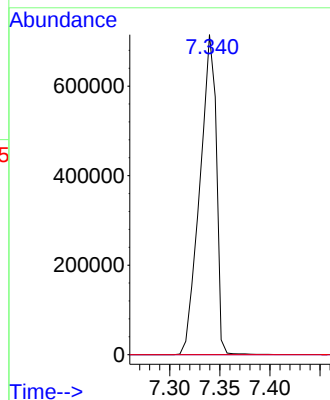
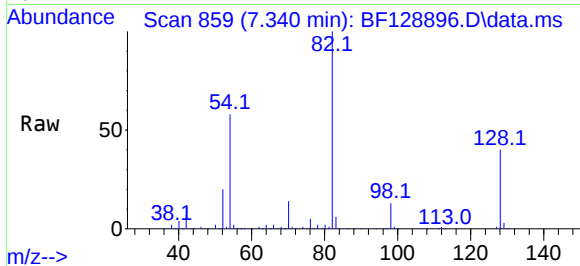




#25
Isophorone
Concen: 58.74 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.247 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

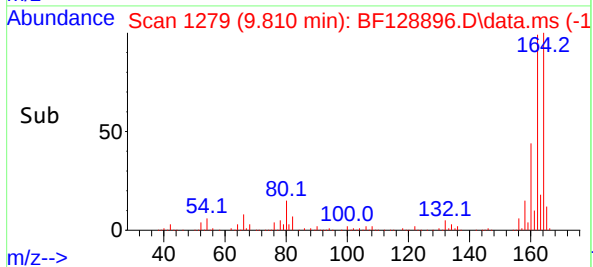
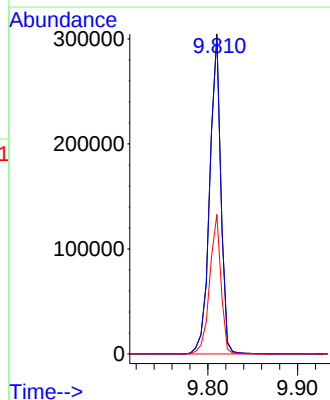
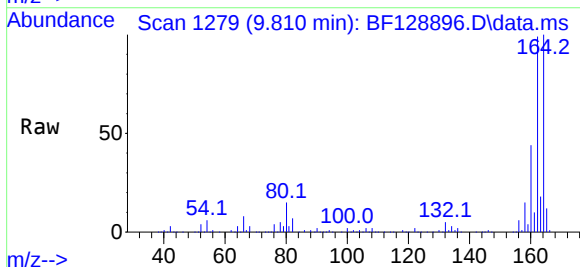
Instrument :
BNA_F
ClientSampleId :
PB145625BL

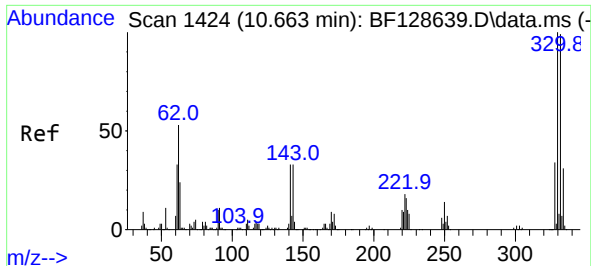
Tgt Ion: 82 Resp: 820353
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.018 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:164 Resp: 262362
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.46 ng

RT: 10.604 min Scan# 1414

Delta R.T. 0.018 min

Lab File: BF128896.D

Acq: 21 Jun 2022 12:02

Instrument :

BNA_F

ClientSampleId :

PB145625BL

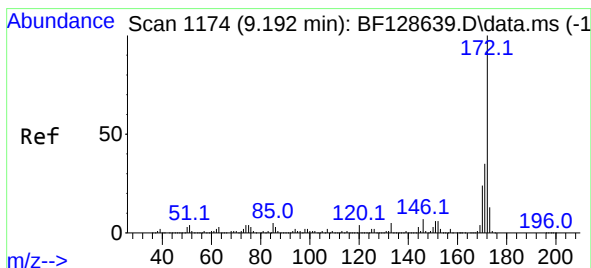
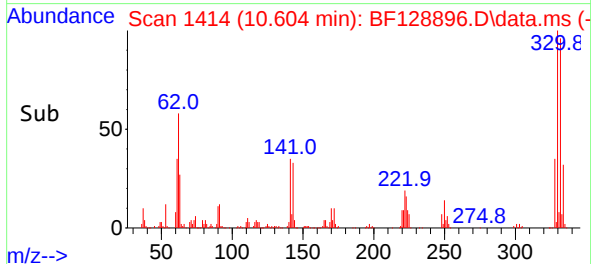
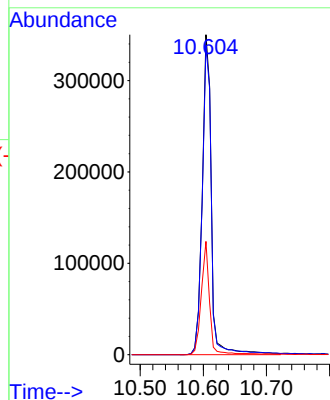
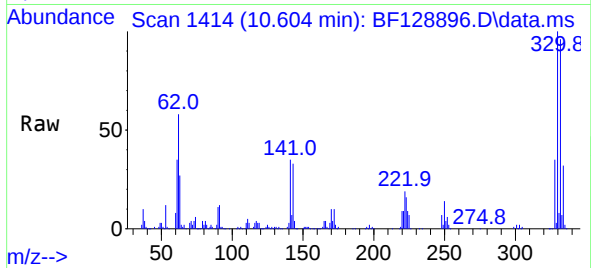
Tgt Ion:330 Resp: 348627

Ion Ratio Lower Upper

330 100

332 98.4 76.8 115.2

141 32.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.22 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.018 min

Lab File: BF128896.D

Acq: 21 Jun 2022 12:02

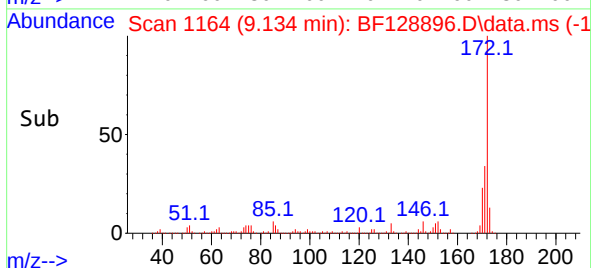
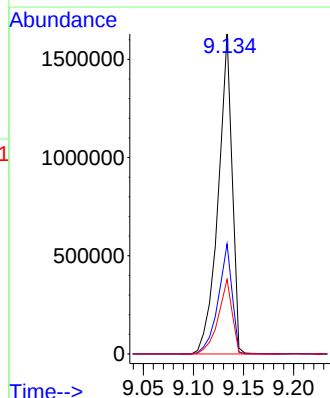
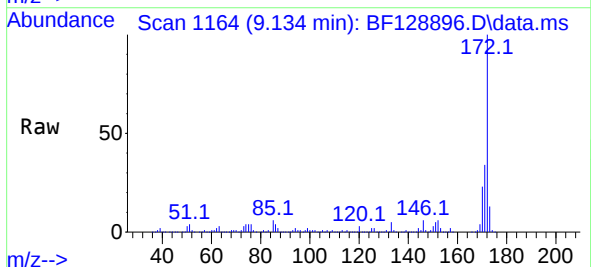
Tgt Ion:172 Resp: 1577307

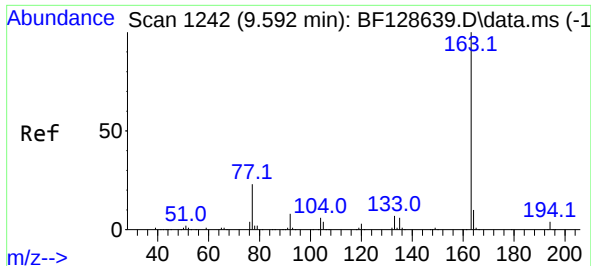
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.3 19.8 29.8

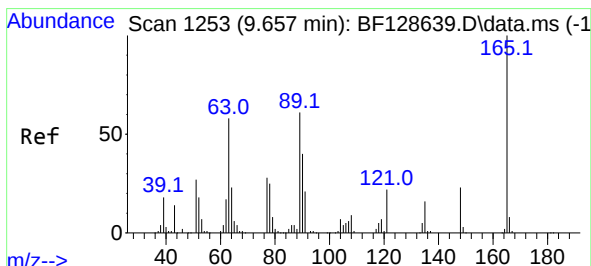
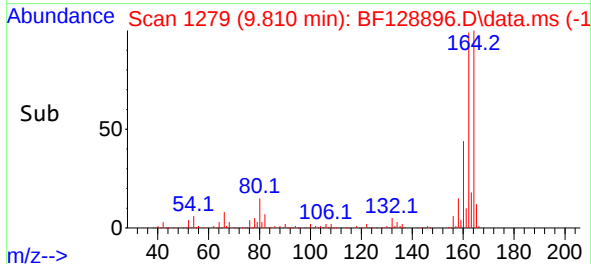
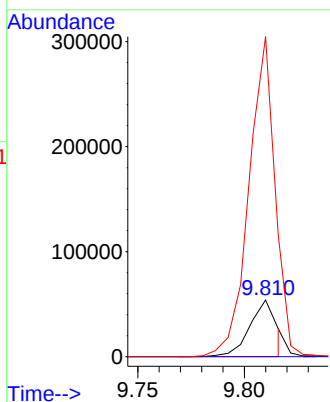
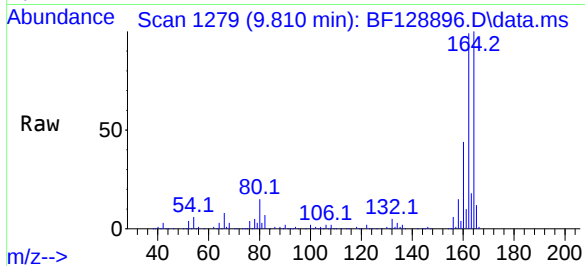




#50
Dimethylphthalate
Concen: 2.60 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.288 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

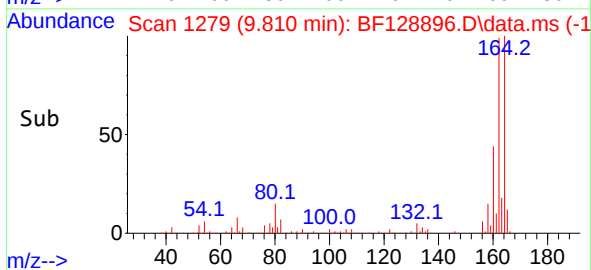
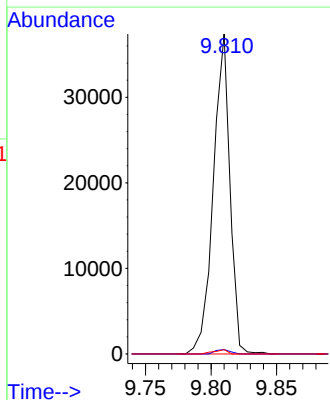
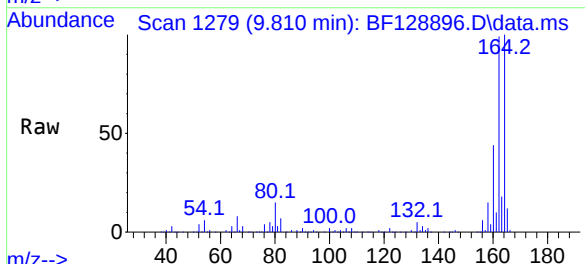
Instrument :
BNA_F
ClientSampleId :
PB145625BL

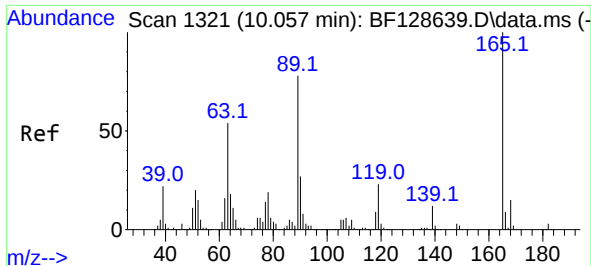
Tgt Ion:163 Resp: 46653
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 565.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.29 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.224 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:165 Resp: 32918
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.4 43.6 65.4#

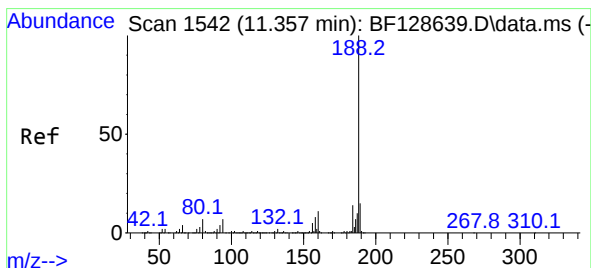
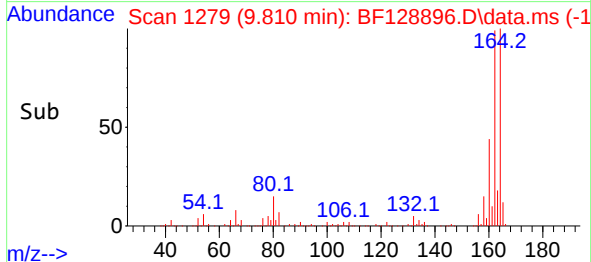
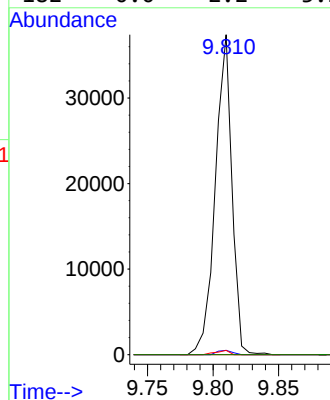
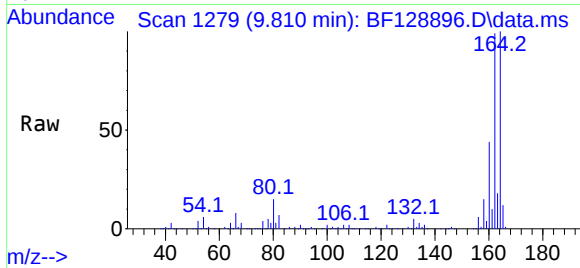




#57
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

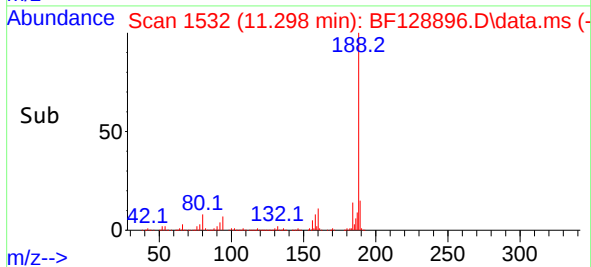
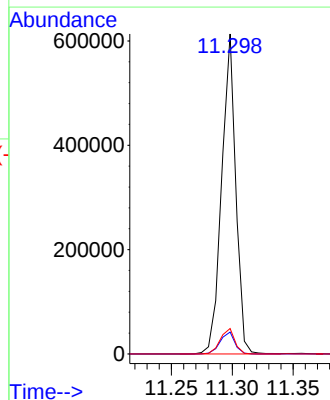
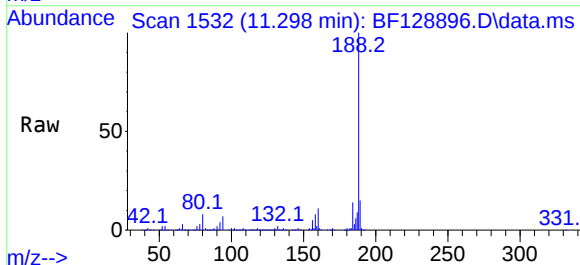
Instrument :
BNA_F
ClientSampleId :
PB145625BL

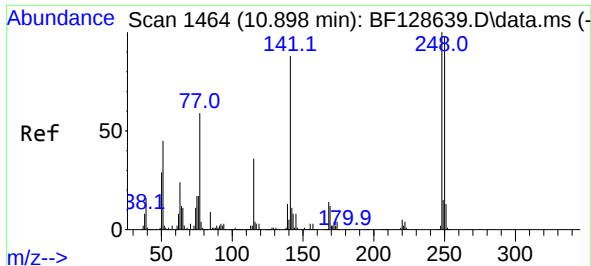
Tgt Ion:165 Resp: 32918
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.018 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:188 Resp: 496339
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.9 7.6 11.4

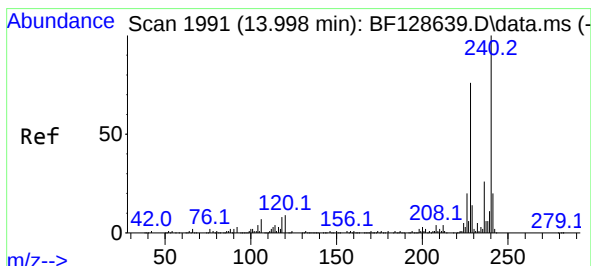
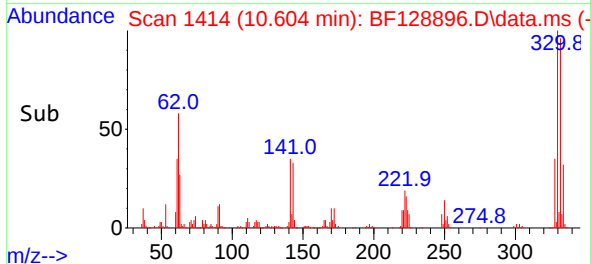
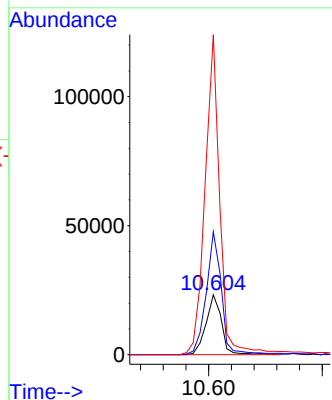
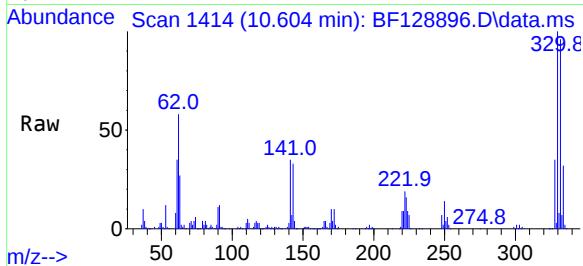




#67
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.604 min Scan# 1464
Delta R.T. -0.223 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

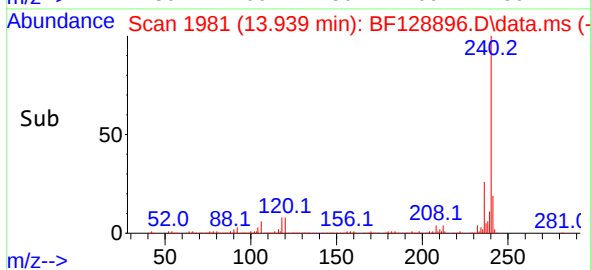
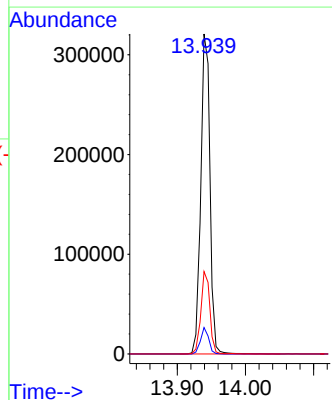
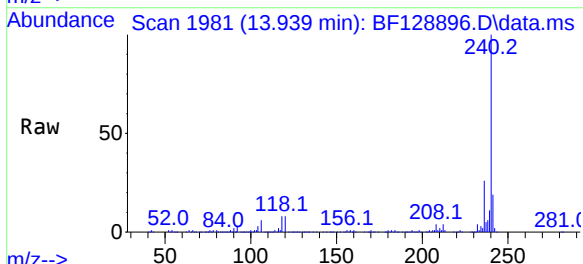
Instrument :
BNA_F
ClientSampleId :
PB145625BL

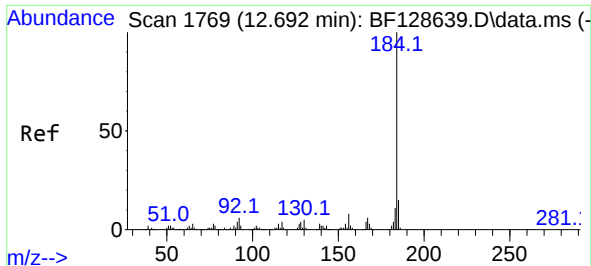
Tgt Ion:248 Resp: 22133
Ion Ratio Lower Upper
248 100
250 205.2 80.6 120.8#
141 534.6 58.9 88.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:240 Resp: 298942
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 25.7 20.8 31.2

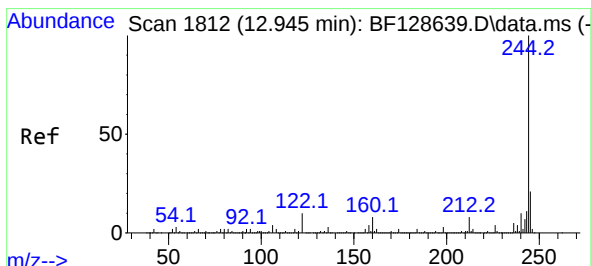
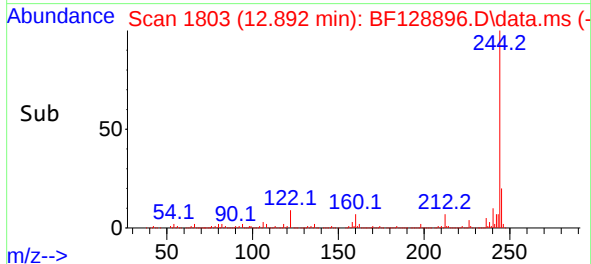
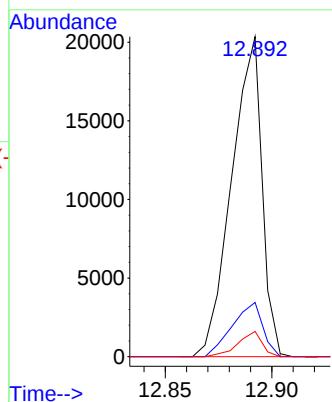
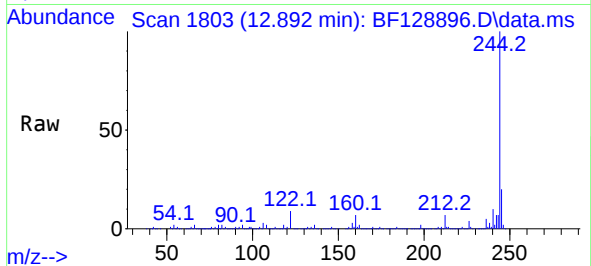




#77
Benzidine
Concen: 3.38 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.277 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

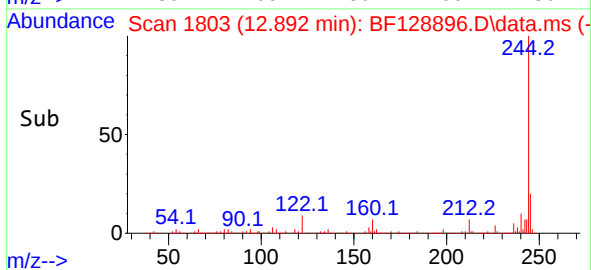
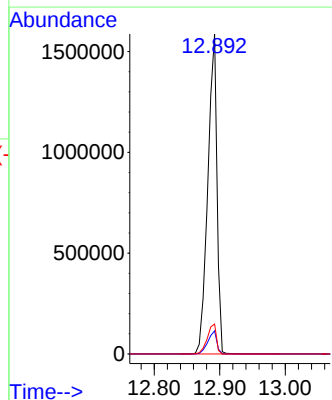
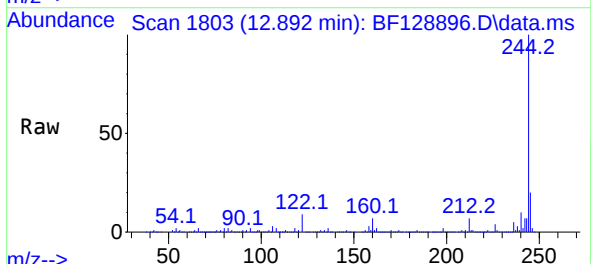
Instrument :
BNA_F
ClientSampleId :
PB145625BL

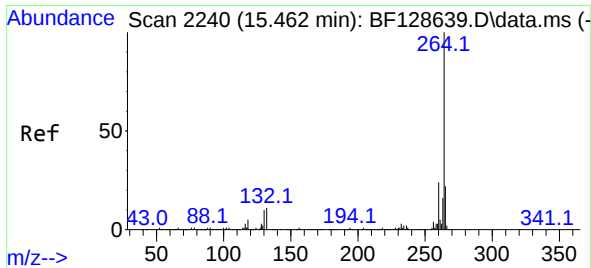
Tgt Ion:184 Resp: 20132
Ion Ratio Lower Upper
184 100
185 17.0 11.9 17.9
183 7.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 89.78 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.024 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:244 Resp: 1544500
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.392 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: BF128896.D
 Acq: 21 Jun 2022 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB145625BL

Tgt Ion:264 Resp: 231816
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.3 17.2 25.8

