

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128910.D
 Acq On : 21 Jun 2022 21:26
 Operator : CG\JU
 Sample : N3369-02 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jun 22 01:55:42 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)

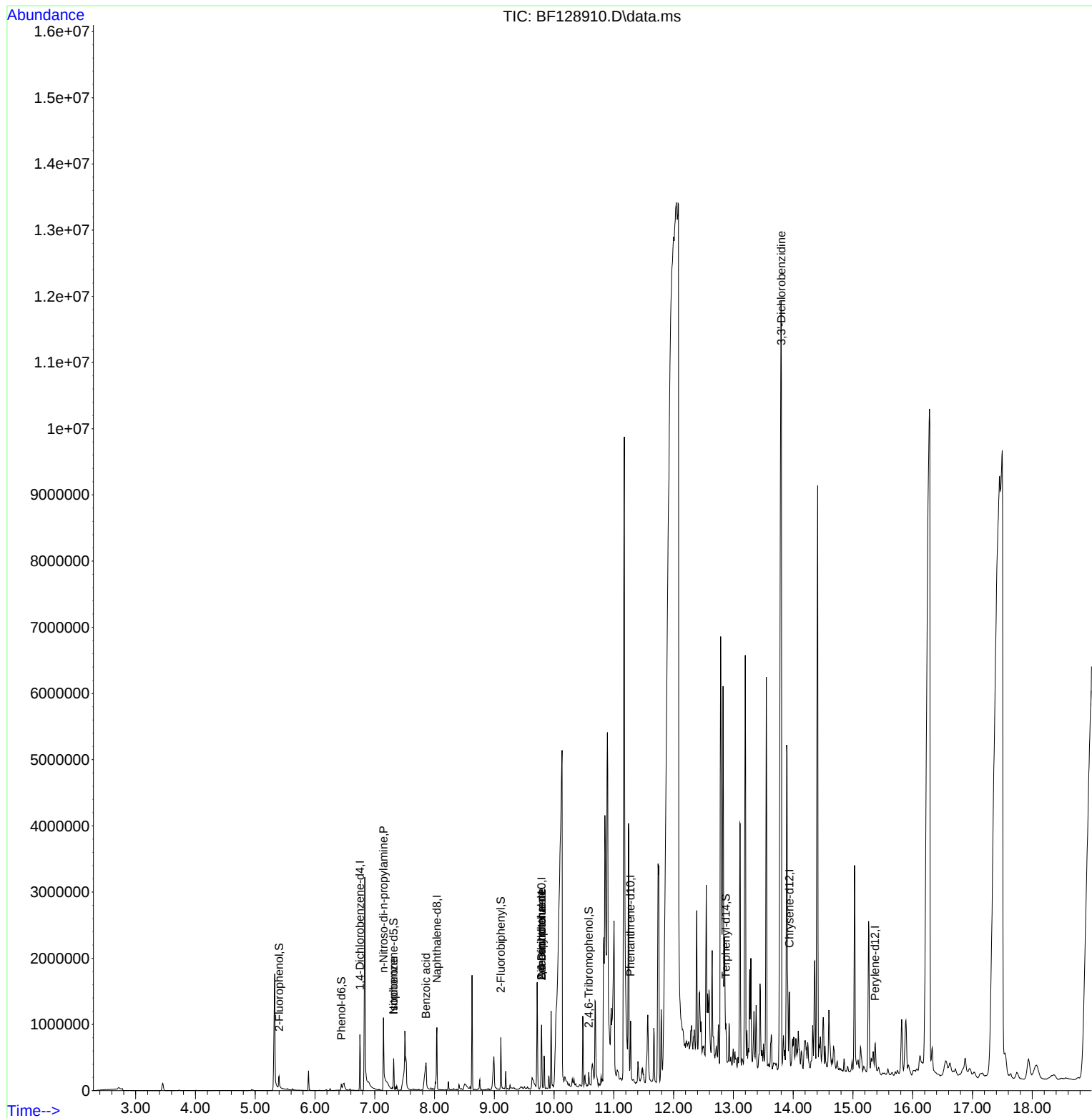
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	104637	20.00	ng	0.00
21) Naphthalene-d8	8.039	136	367907	20.00	ng	# 0.00
39) Acenaphthene-d10	9.792	164	168170	20.00	ng	0.00
64) Phenanthrene-d10	11.280	188	273589	20.00	ng	0.00
76) Chrysene-d12	13.939	240	223395	20.00	ng	# 0.01
86) Perylene-d12	15.368	264	162654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	44280	6.74	ng	0.01
7) Phenol-d6	6.439	99	35277	4.40	ng	0.02
23) Nitrobenzene-d5	7.316	82	119789	15.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	23833	11.99	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	173679	14.47	ng	0.00
79) Terphenyl-d14	12.874	244	142665	11.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.145	70	77156	15.48	ng	# 52
25) Isophorone	7.316	82	119487	9.96	ng	# 65
32) Benzoic acid	7.857	122	7756	2.25	ng	88
50) Dimethylphthalate	9.792	163	31217	2.71	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	22754	10.02	ng	# 27
57) 2,4-Dinitrotoluene	9.792	165	22754	7.50	ng	# 22
82) 3,3'-Dichlorobenzidine	13.804	252	35600	11.95	ng	# 1

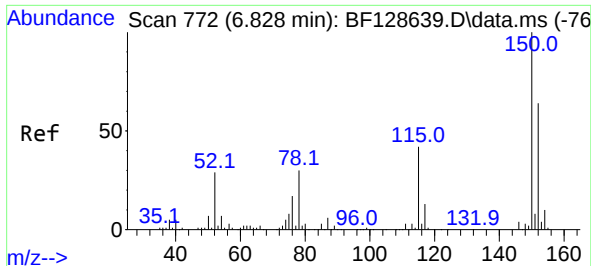
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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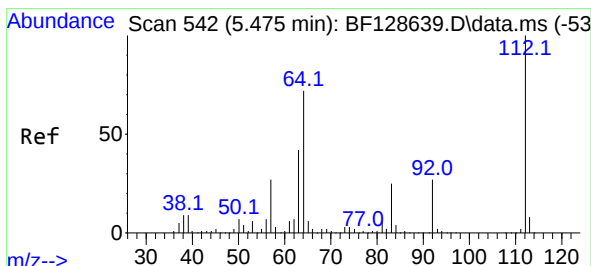
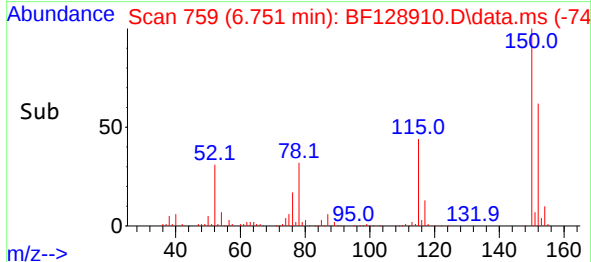
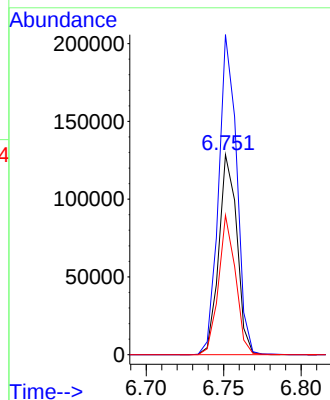
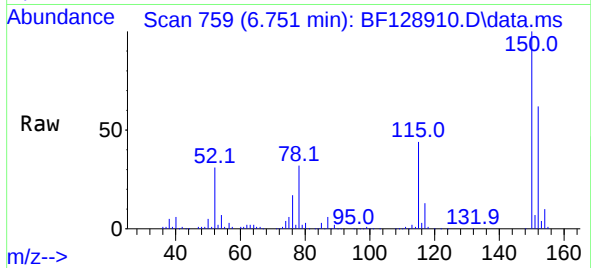




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

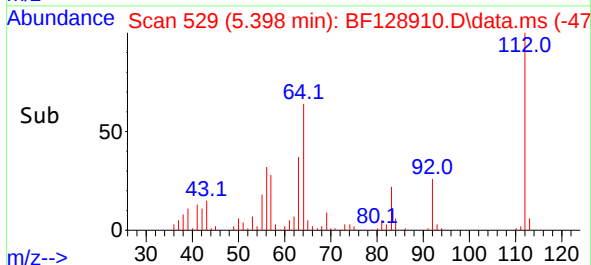
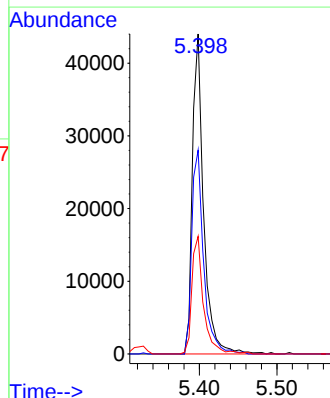
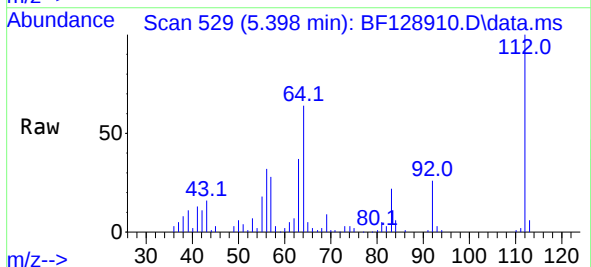
Instrument :
BNA_F
ClientSampleId :
EFF-WW

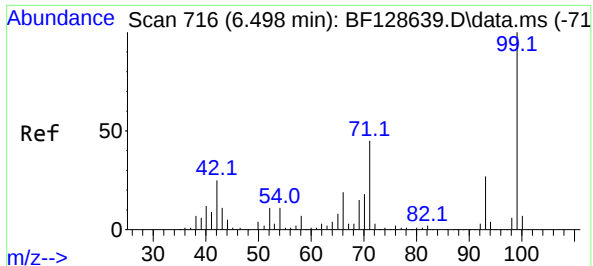
Tgt Ion:152 Resp: 104637
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 69.7 49.9 74.9



#5
2-Fluorophenol
Concen: 6.74 ng
RT: 5.398 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Tgt Ion:112 Resp: 44280
Ion Ratio Lower Upper
112 100
64 63.7 53.3 79.9
63 36.8 28.0 42.0

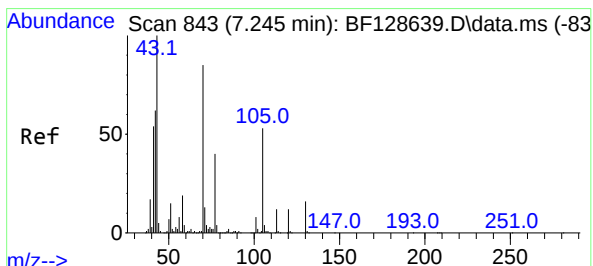
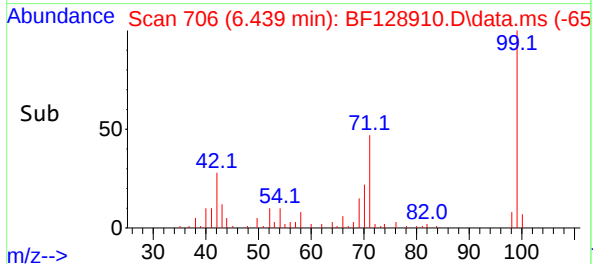
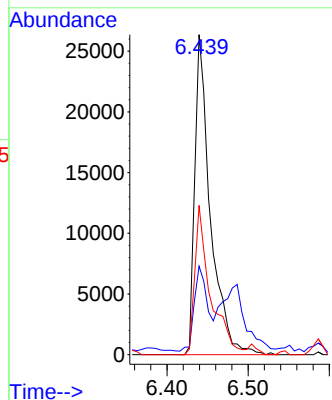
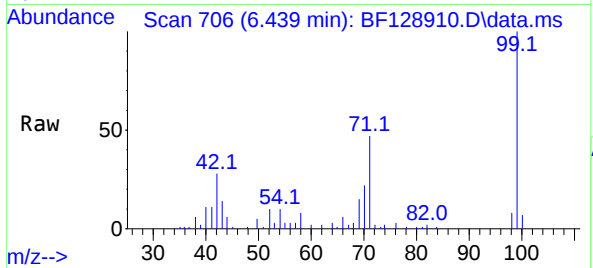




#7
Phenol-d6
Concen: 4.40 ng
RT: 6.439 min Scan# 706
Delta R.T. 0.023 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

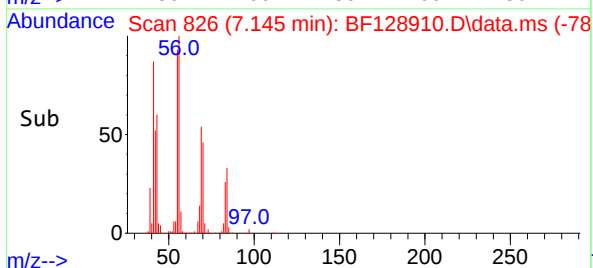
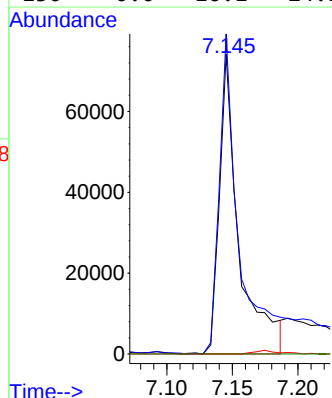
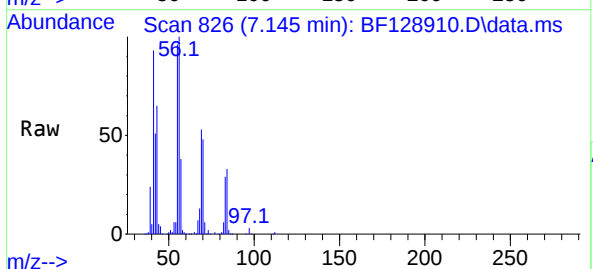
Instrument :
BNA_F
ClientSampleId :
EFF-WW

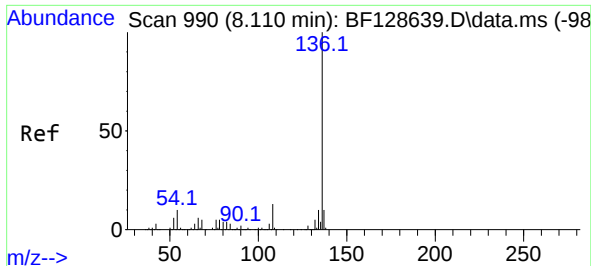
Tgt Ion: 99 Resp: 35277
Ion Ratio Lower Upper
99 100
42 27.7 17.3 25.9#
71 46.6 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.145 min Scan# 826
Delta R.T. -0.035 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Tgt Ion: 70 Resp: 77156
Ion Ratio Lower Upper
70 100
42 106.7 52.3 78.5#
101 0.0 7.5 11.3#
130 0.0 16.1 24.1#

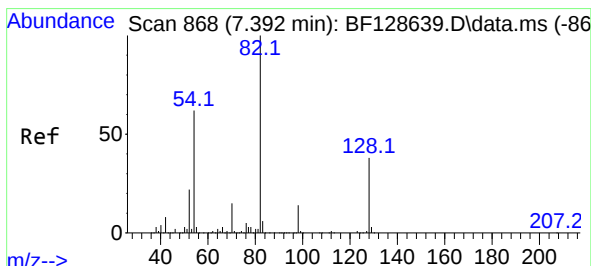
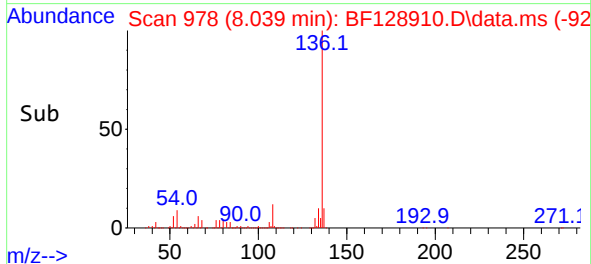
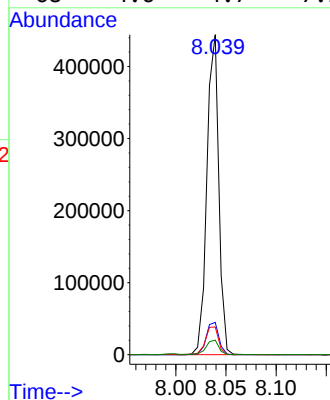
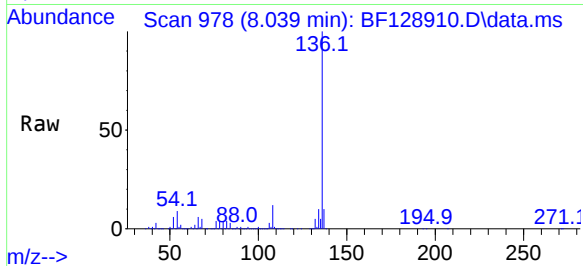




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.039 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

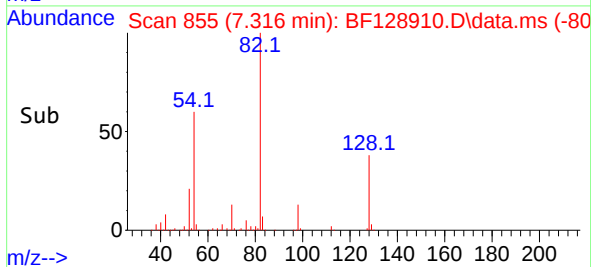
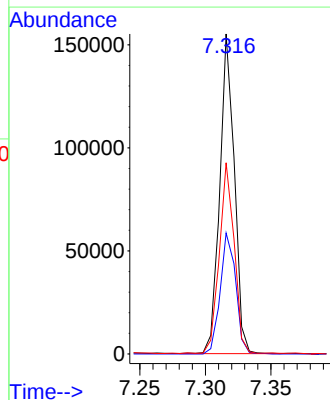
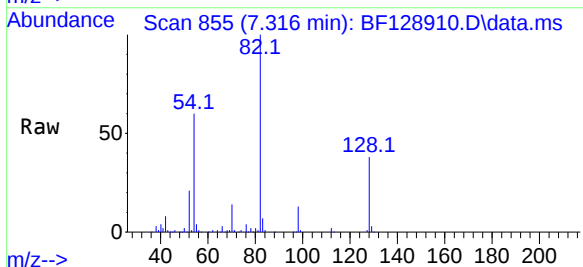
Instrument :
BNA_F
ClientSampleId :
EFF-WW

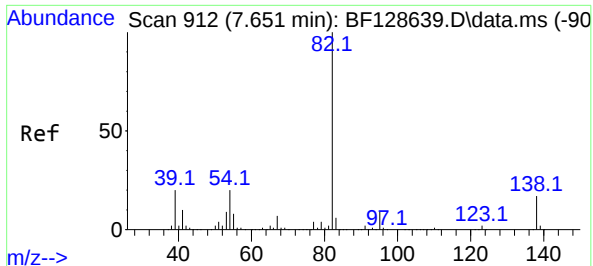
Tgt Ion:136 Resp: 367907
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 15.16 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Tgt Ion: 82 Resp: 119789
Ion Ratio Lower Upper
82 100
128 37.8 34.0 51.0
54 59.8 46.9 70.3

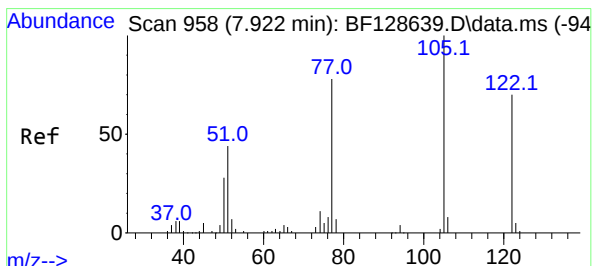
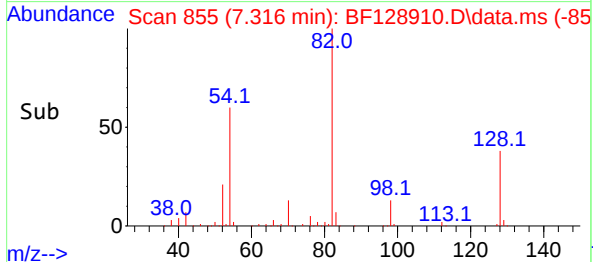
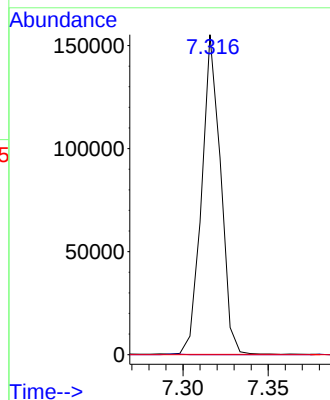
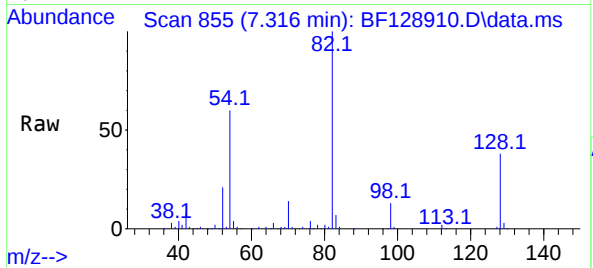




#25
Isophorone
Concen: 9.96 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

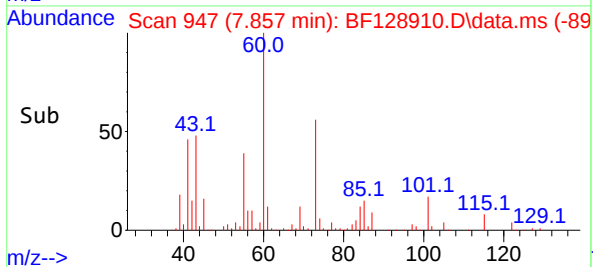
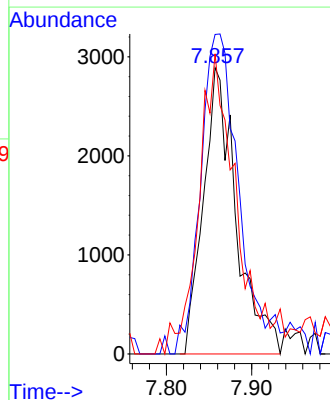
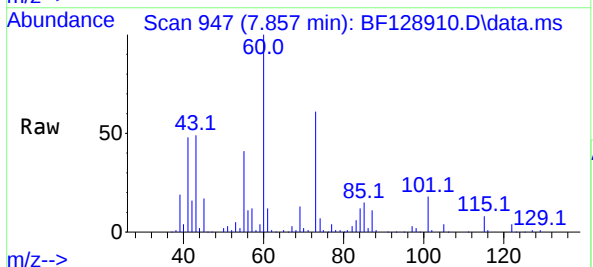
Instrument :
BNA_F
ClientSampleId :
EFF-WW

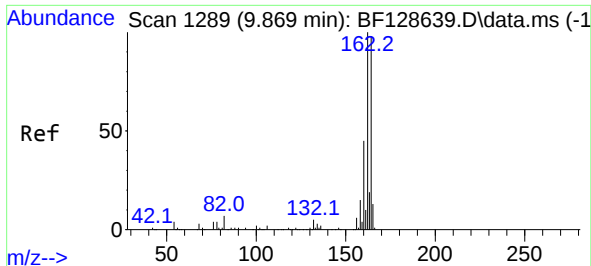
Tgt Ion: 82 Resp: 119487
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 2.25 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Tgt Ion: 122 Resp: 7756
Ion Ratio Lower Upper
122 100
105 111.7 107.1 147.1
77 104.9 74.2 114.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW

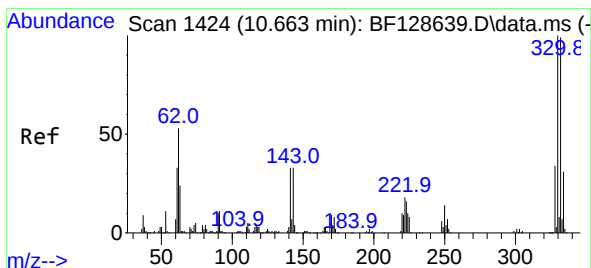
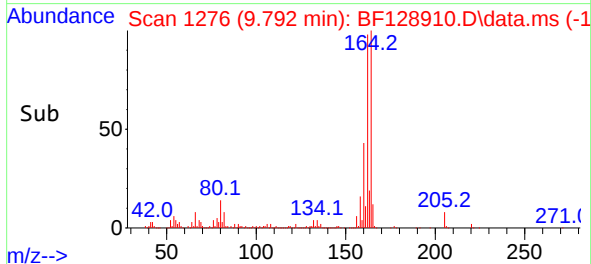
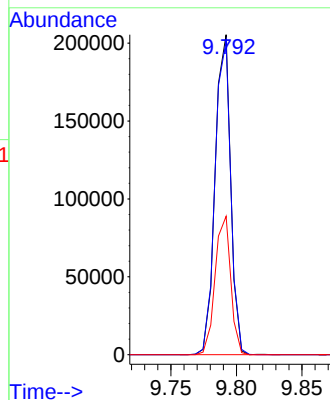
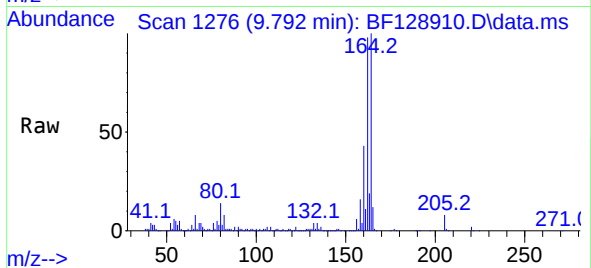
Tgt Ion:164 Resp: 168170

Ion Ratio Lower Upper

164 100

162 98.1 79.5 119.3

160 43.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 11.99 ng

RT: 10.580 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

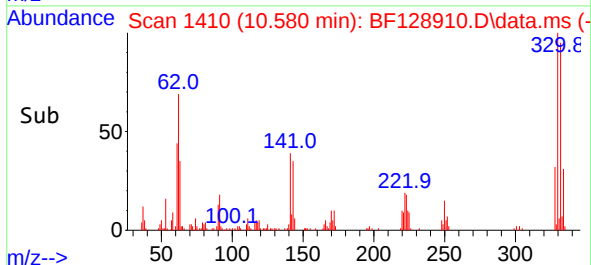
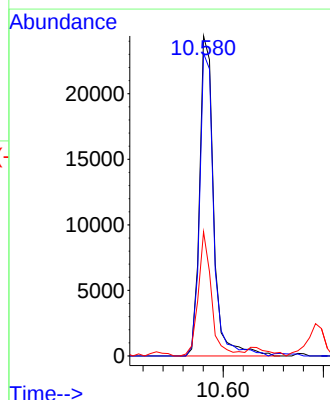
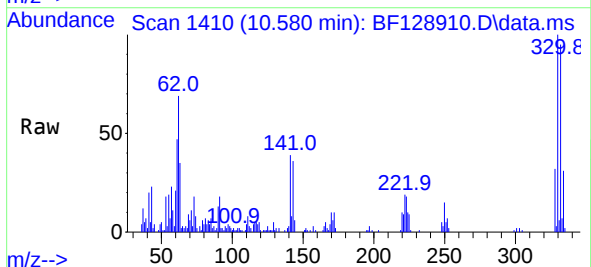
Tgt Ion:330 Resp: 23833

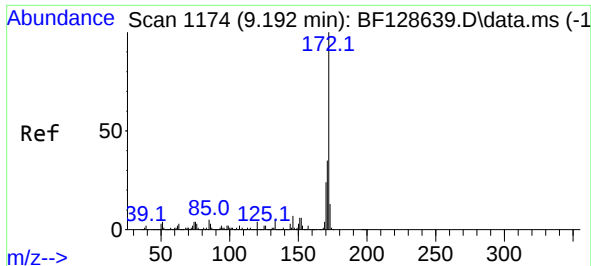
Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 35.6 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 14.47 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW

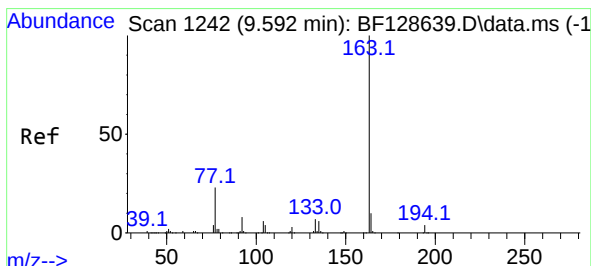
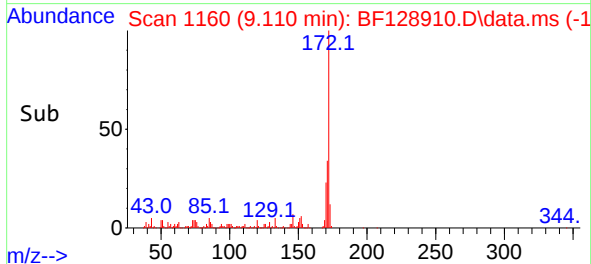
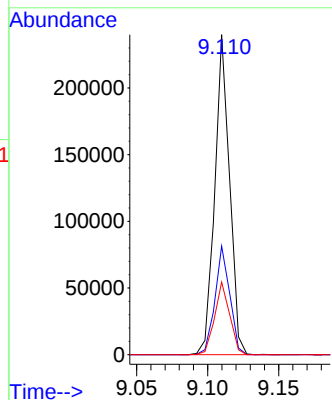
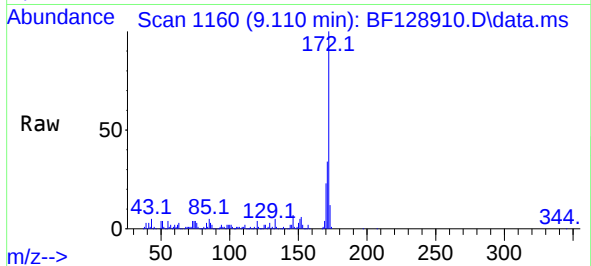
Tgt Ion:172 Resp: 173679

Ion Ratio Lower Upper

172 100

171 34.0 28.8 43.2

170 22.7 19.8 29.8



#50

Dimethylphthalate

Concen: 2.71 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.270 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

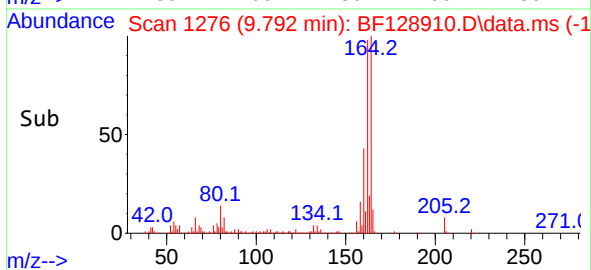
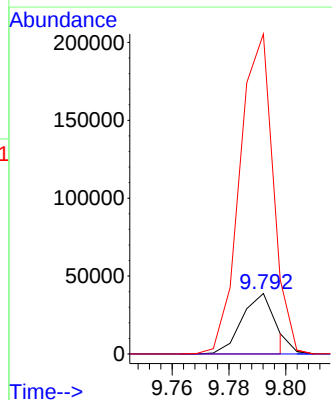
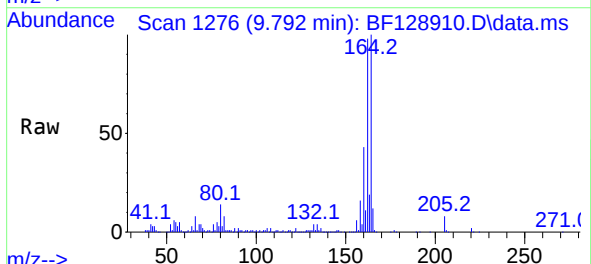
Tgt Ion:163 Resp: 31217

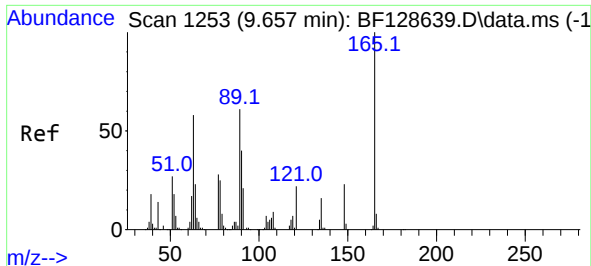
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 528.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 10.02 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.206 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW

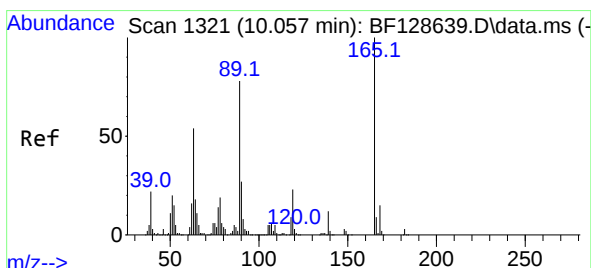
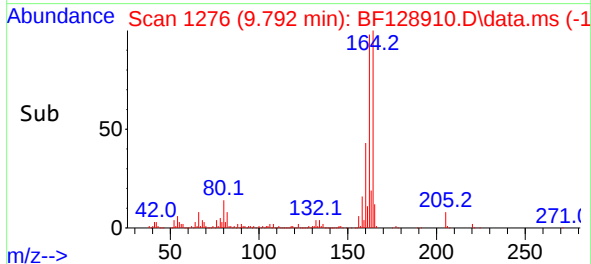
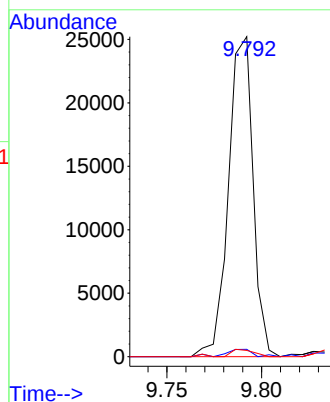
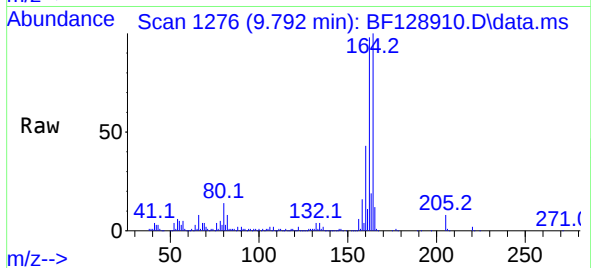
Tgt Ion:165 Resp: 22754

Ion Ratio Lower Upper

165 100

63 2.3 44.9 67.3#

89 2.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.50 ng

RT: 9.792 min Scan# 1276

Delta R.T. -0.200 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

Tgt Ion:165 Resp: 22754

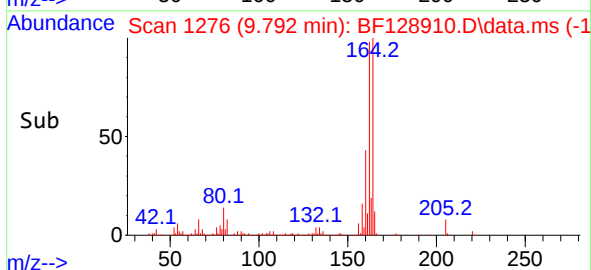
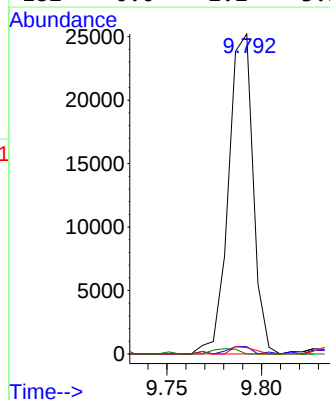
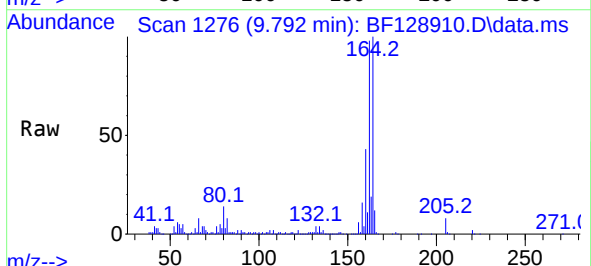
Ion Ratio Lower Upper

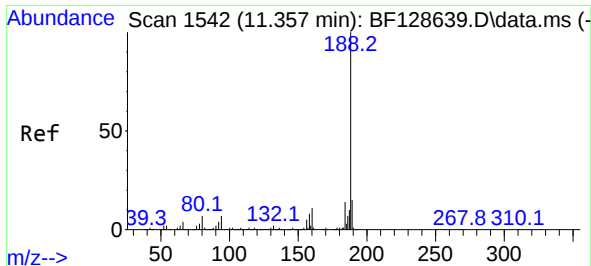
165 100

63 2.3 39.8 59.6#

89 2.0 60.2 90.2#

182 0.0 2.2 3.2#

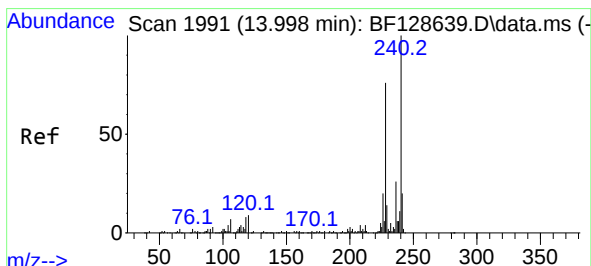
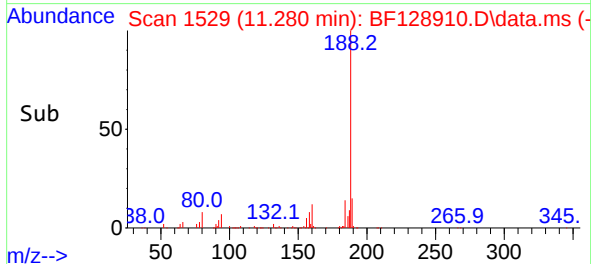
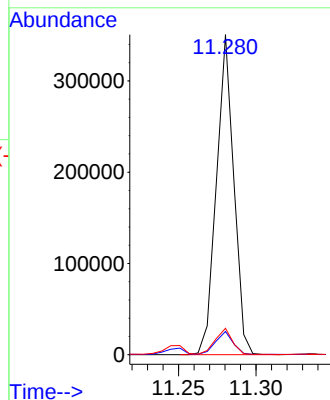
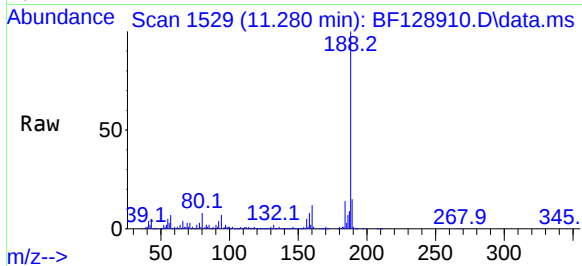




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

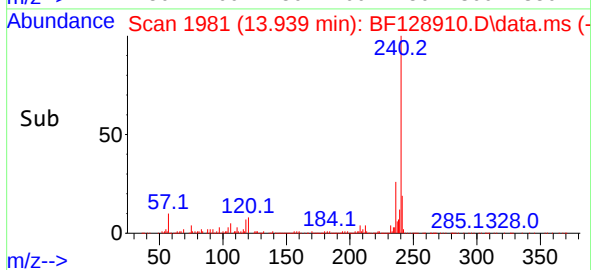
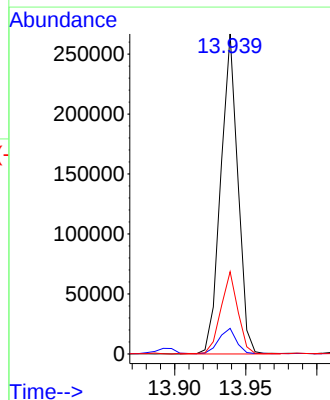
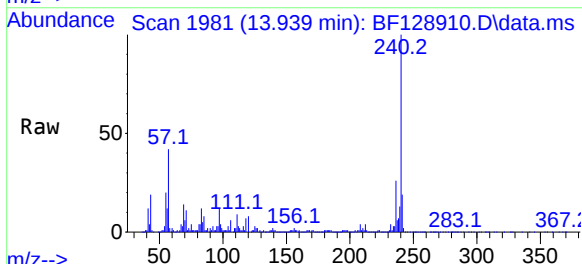
Instrument :
BNA_F
ClientSampleId :
EFF-WW

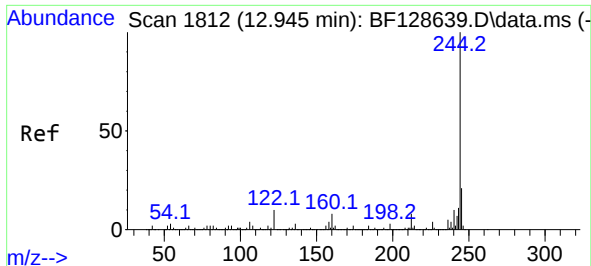
Tgt Ion:188 Resp: 273589
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Tgt Ion:240 Resp: 223395
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.7 20.8 31.2

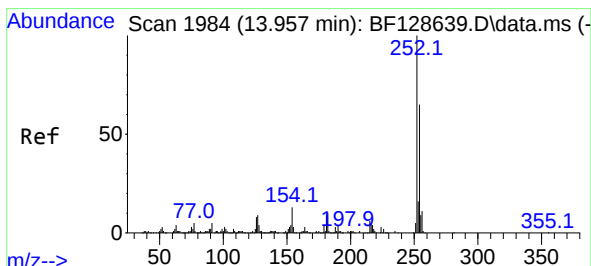
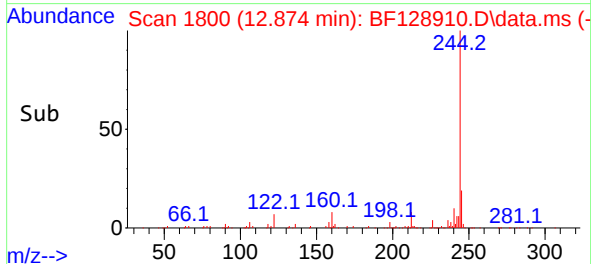
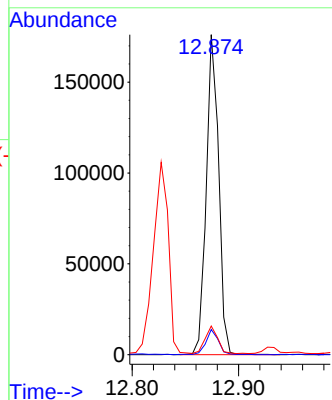
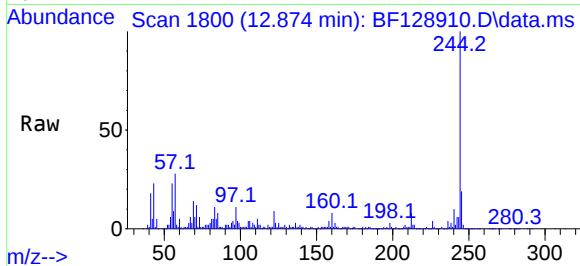




#79
 Terphenyl-d14
 Concen: 11.10 ng
 RT: 12.874 min Scan# 1800
 Delta R.T. 0.006 min
 Lab File: BF128910.D
 Acq: 21 Jun 2022 21:26

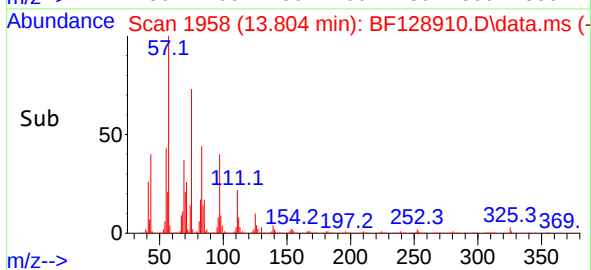
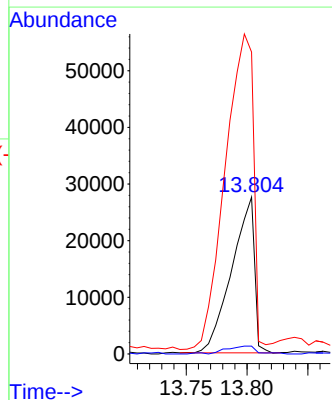
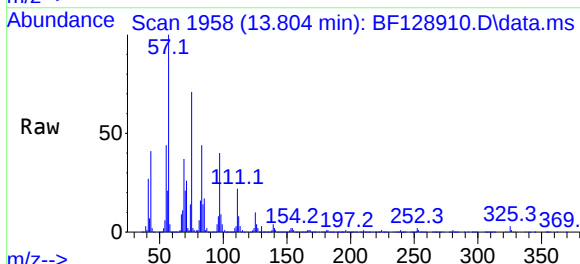
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

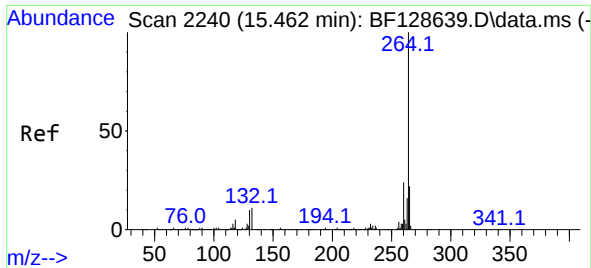
Tgt Ion:244 Resp: 142665
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 8.9 8.8 13.2



#82
 3,3'-Dichlorobenzidine
 Concen: 11.95 ng
 RT: 13.804 min Scan# 1958
 Delta R.T. -0.071 min
 Lab File: BF128910.D
 Acq: 21 Jun 2022 21:26

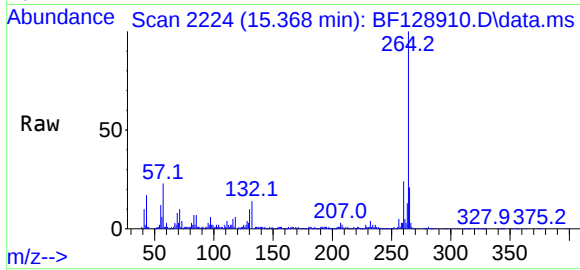
Tgt Ion:252 Resp: 35600
 Ion Ratio Lower Upper
 252 100
 254 5.0 50.2 75.4#
 126 192.5 8.2 12.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.368 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF128910.D
 Acq: 21 Jun 2022 21:26

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



Tgt Ion:264 Resp: 162654

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.4	17.2	25.8

