

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126928.D
 Acq On : 17 Feb 2022 15:50
 Operator : CG\JU
 Sample : N1552-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 17 17:10:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

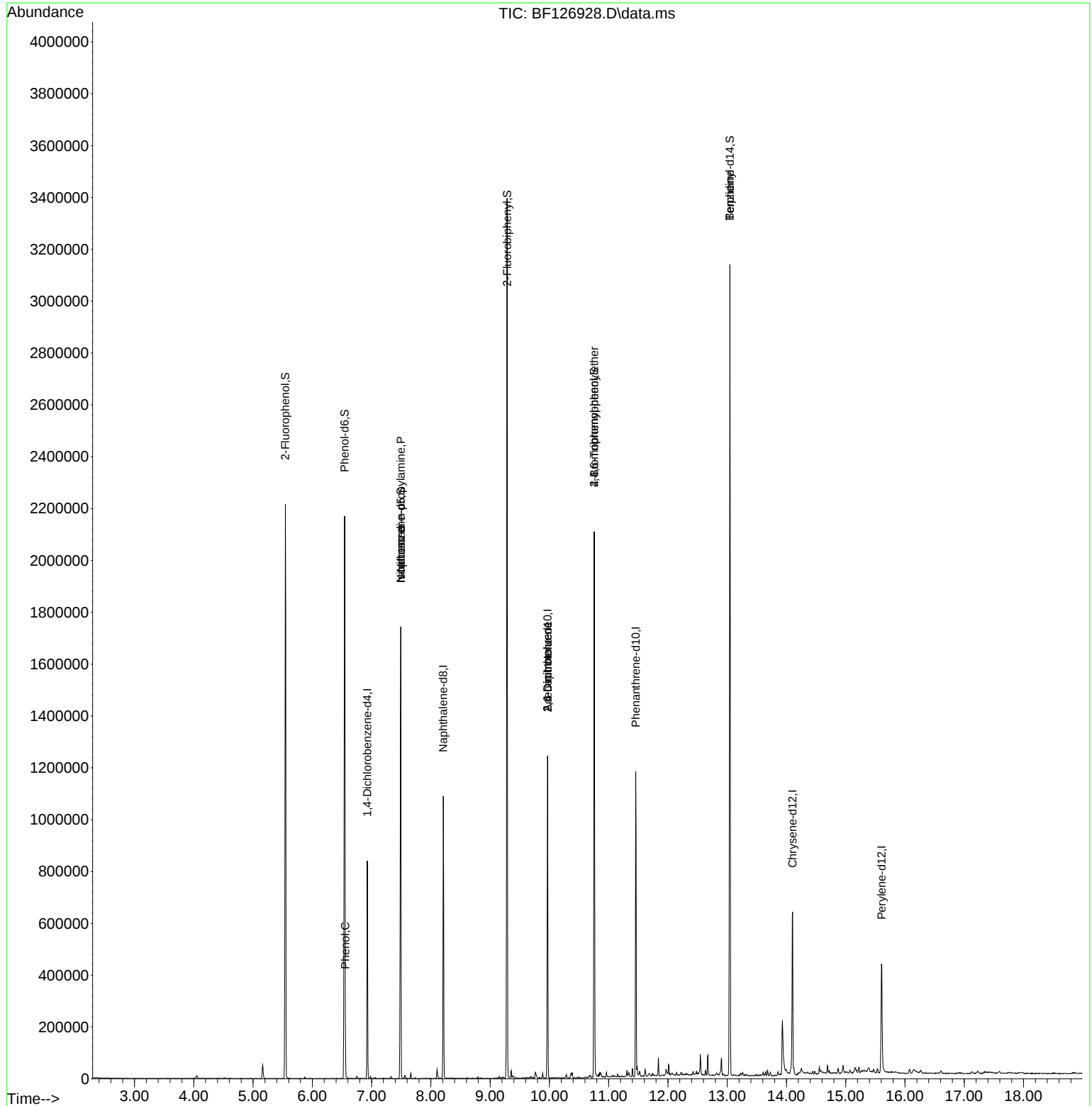
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	100410	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	414401	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	216997	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	385955	20.000	ng	0.00
76) Chrysene-d12	14.104	240	203132	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	184454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	548694	84.458	ng	0.00
7) Phenol-d6	6.545	99	747939	85.320	ng	-0.01
23) Nitrobenzene-d5	7.492	82	528804	57.598	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	212297	84.972	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	869947	59.019	ng	0.00
79) Terphenyl-d14	13.045	244	916576	66.331	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.557	94	22469	2.537	ng	80
19) n-Nitroso-di-n-propyla...	7.492	70	72501	12.835	ng	# 78
25) Isophorone	7.492	82	527569	34.727	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	26068	8.261	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	26068	6.110	ng	# 15
67) 4-Bromophenyl-phenylether	10.757	248	13446	3.118	ng	# 1
77) Benizidine	13.045	184	14217	2.575	ng	# 94

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

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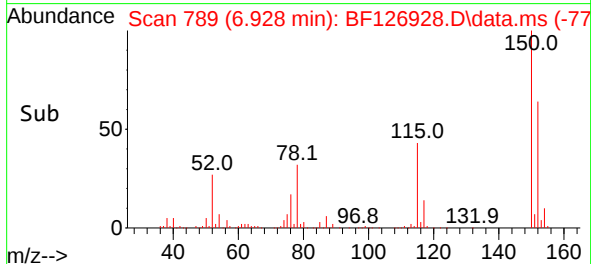
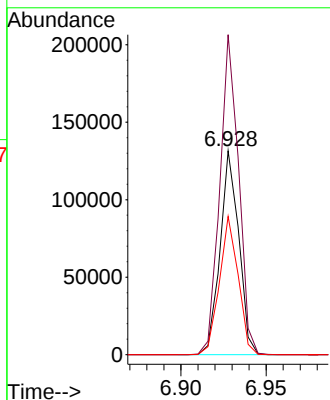
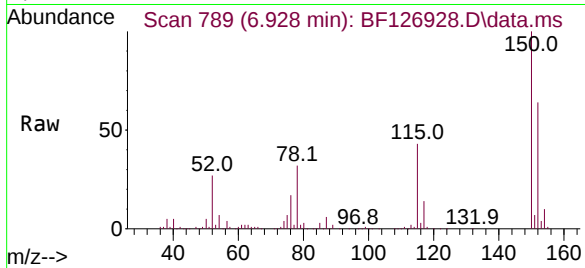




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 790
 Delta R.T. -0.005 min
 Lab File: BF126928.D
 Acq: 17 Feb 2022 15:50

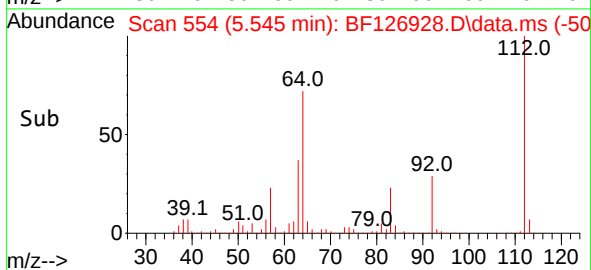
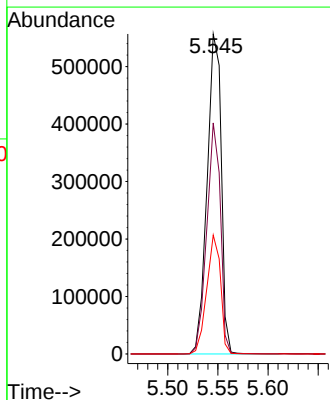
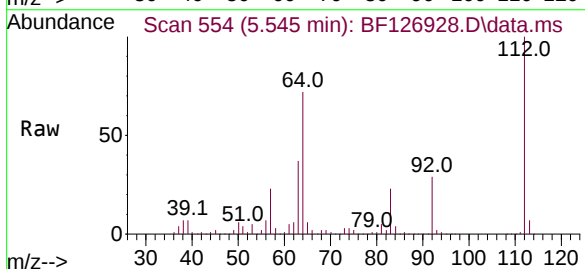
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

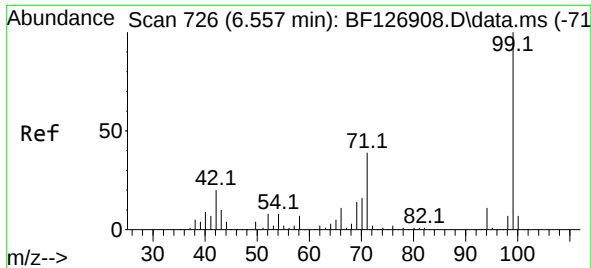
Tgt Ion:152 Resp: 100410
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.1 192.1
 115 67.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 84.458 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: BF126928.D
 Acq: 17 Feb 2022 15:50

Tgt Ion:112 Resp: 548694
 Ion Ratio Lower Upper
 112 100
 64 72.2 49.5 74.3
 63 37.2 23.9 35.9#





#7

Phenol-d6

Concen: 85.320 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

Instrument :

BNA_F

ClientSampleId :

TP-1

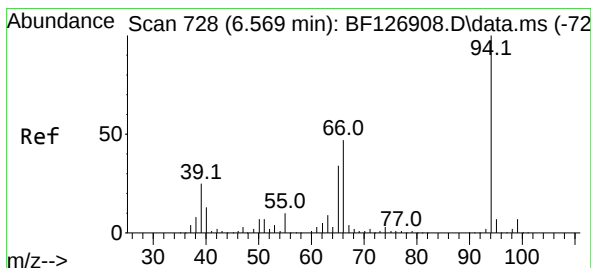
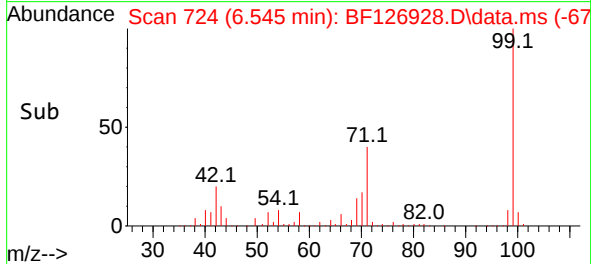
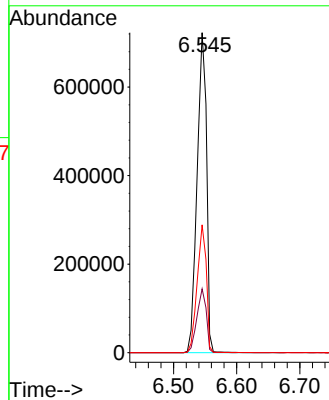
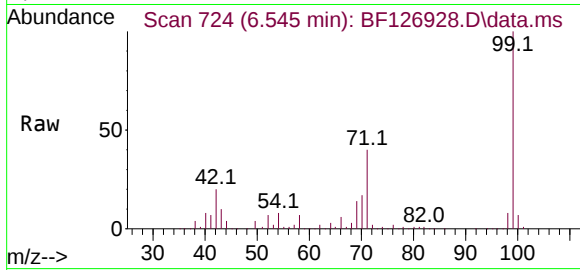
Tgt Ion: 99 Resp: 747939

Ion Ratio Lower Upper

99 100

42 20.0 14.2 21.4

71 40.0 24.3 36.5#



#10

Phenol

Concen: 2.537 ng

RT: 6.557 min Scan# 726

Delta R.T. -0.012 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

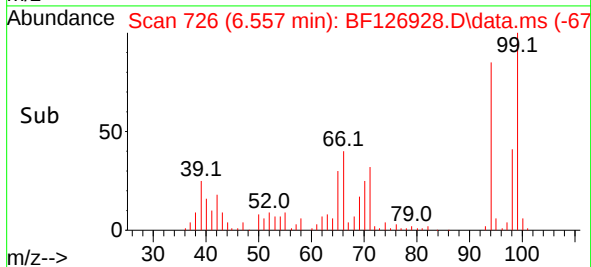
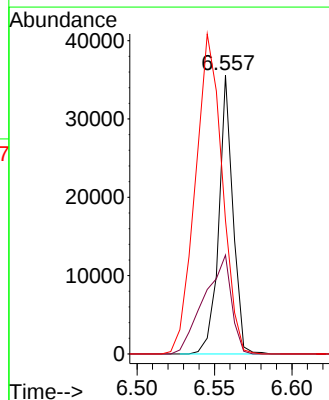
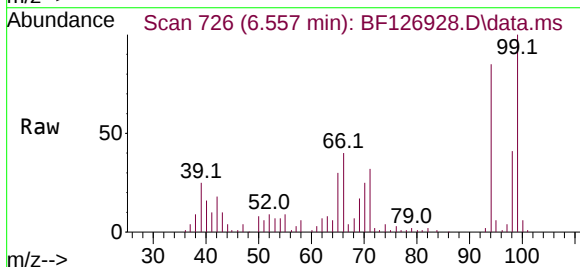
Tgt Ion: 94 Resp: 22469

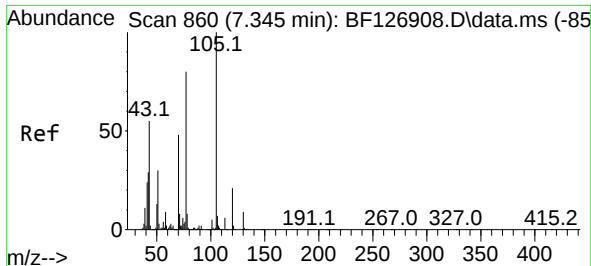
Ion Ratio Lower Upper

94 100

65 35.5 7.2 47.2

66 47.9 14.5 54.5

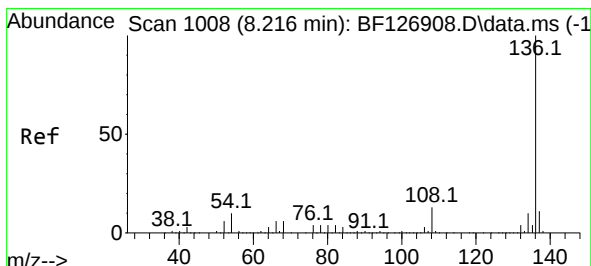
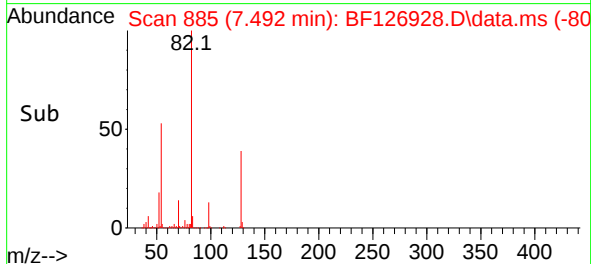
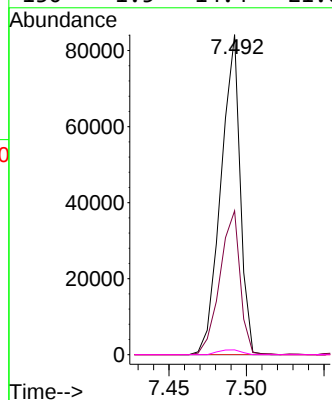
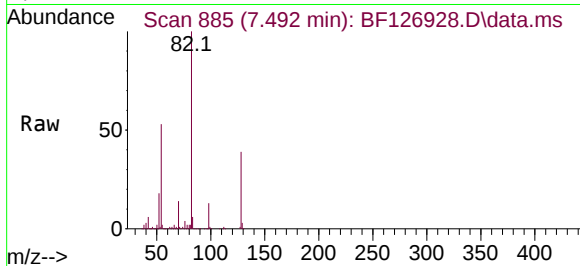




#19
n-Nitroso-di-n-propylamine
Concen: 12.835 ng
RT: 7.492 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

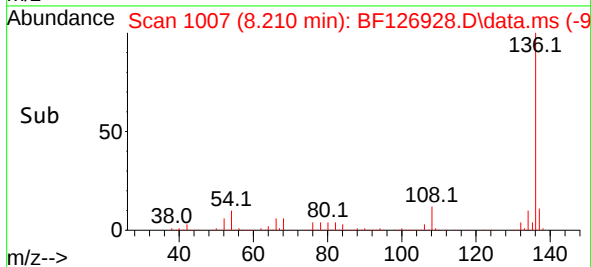
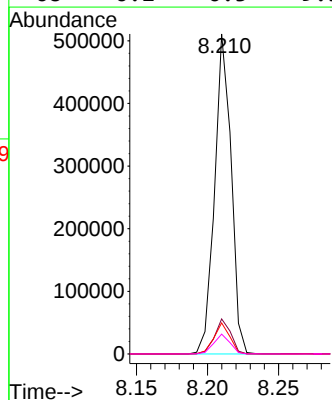
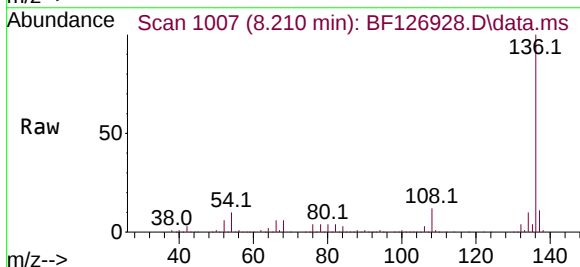
Instrument :
BNA_F
ClientSampleId :
TP-1

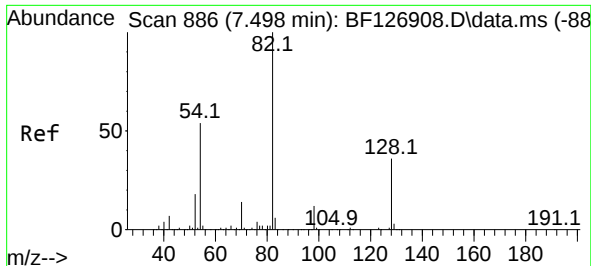
Tgt Ion: 70 Resp: 72501
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

Tgt Ion: 136 Resp: 414401
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.7 7.8 11.6
68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 57.598 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

Instrument :

BNA_F

ClientSampleId :

TP-1

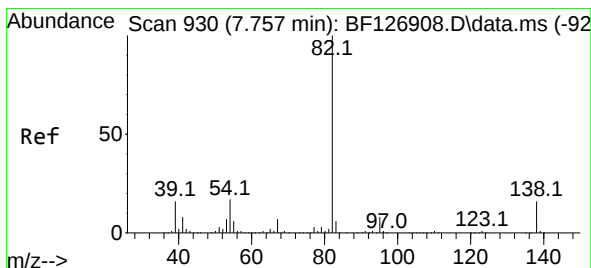
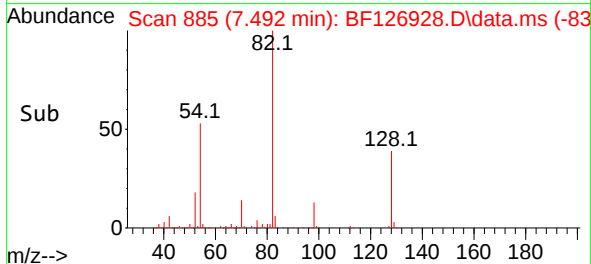
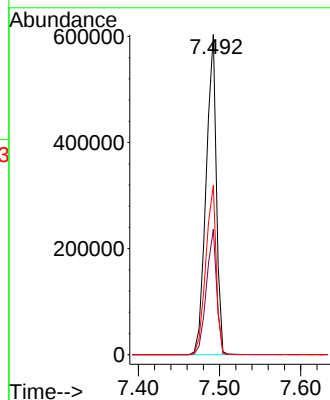
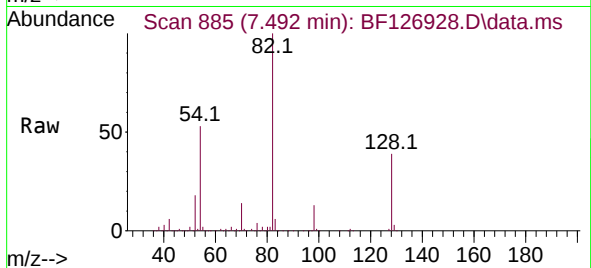
Tgt Ion: 82 Resp: 528804

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

54 52.9 41.7 62.5



#25

Isophorone

Concen: 34.727 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.265 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

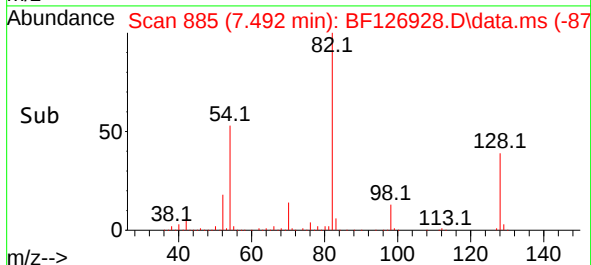
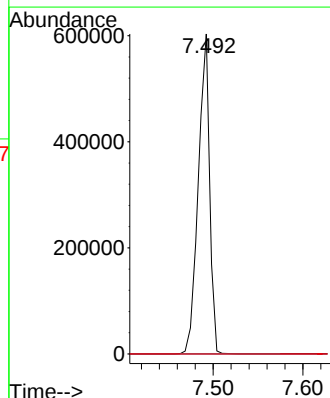
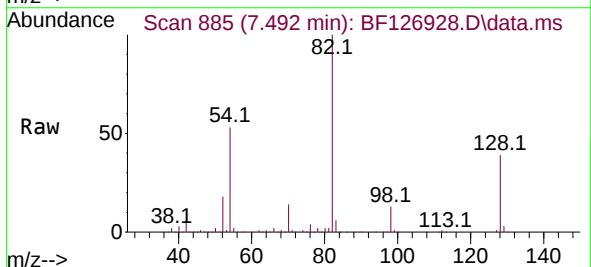
Tgt Ion: 82 Resp: 527569

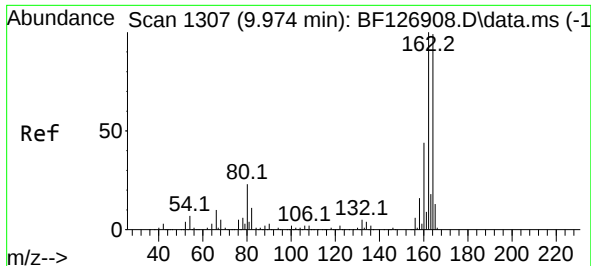
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

Instrument :

BNA_F

ClientSampleId :

TP-1

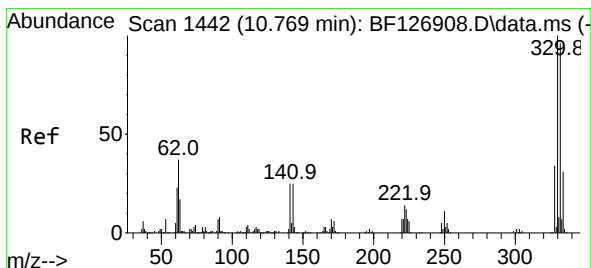
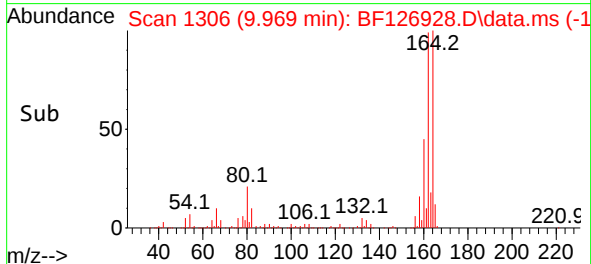
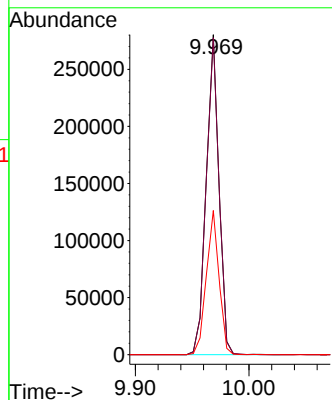
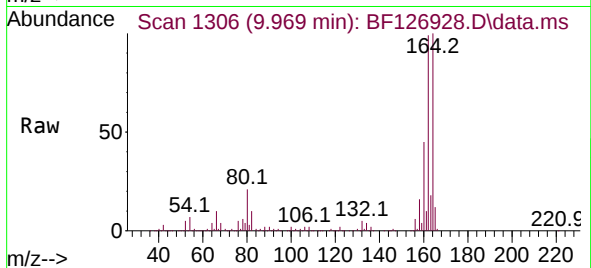
Tgt Ion:164 Resp: 216997

Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

160 45.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 84.972 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

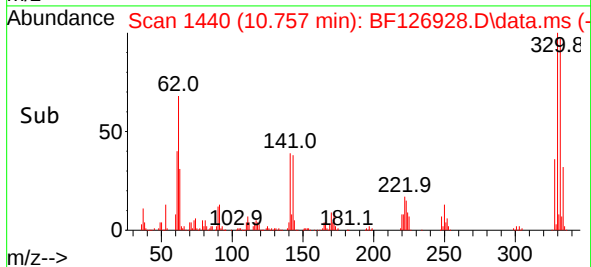
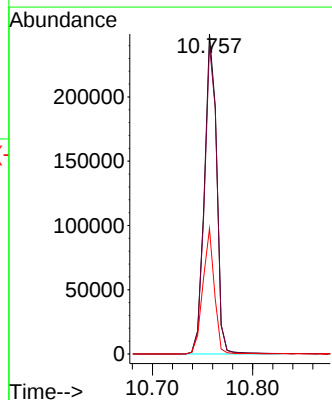
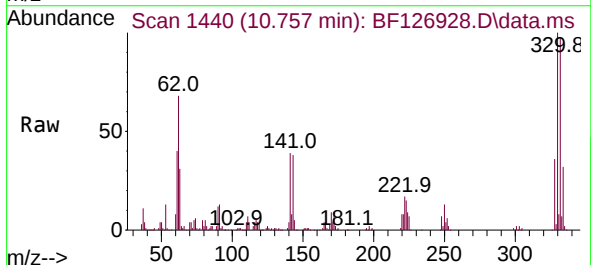
Tgt Ion:330 Resp: 212297

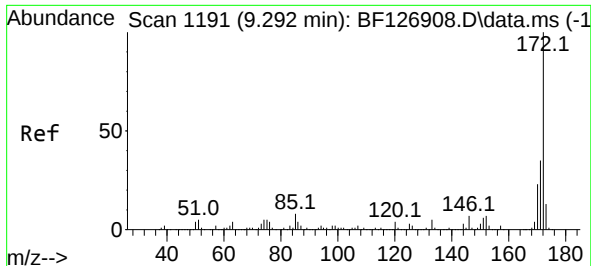
Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 37.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 59.019 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

Instrument :

BNA_F

ClientSampleId :

TP-1

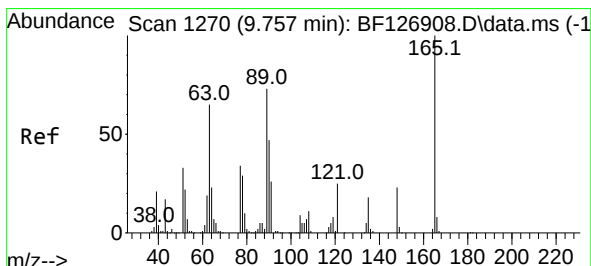
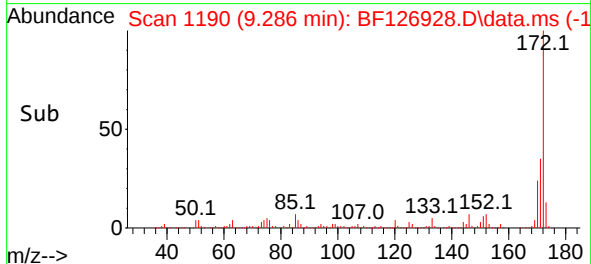
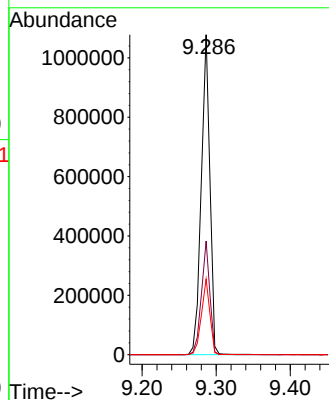
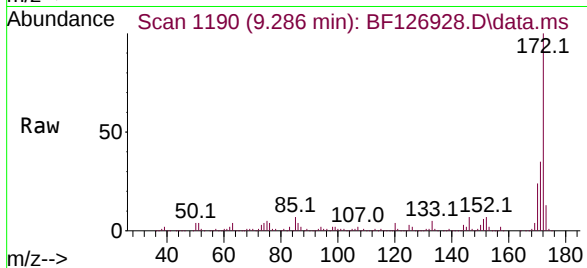
Tgt Ion:172 Resp: 869947

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.261 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.212 min

Lab File: BF126928.D

Acq: 17 Feb 2022 15:50

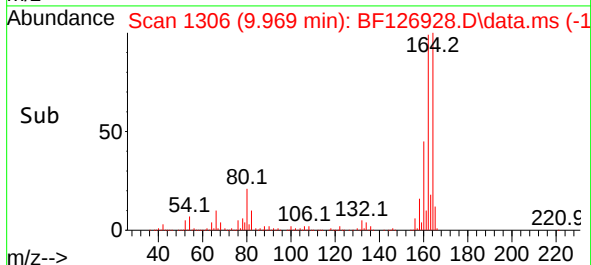
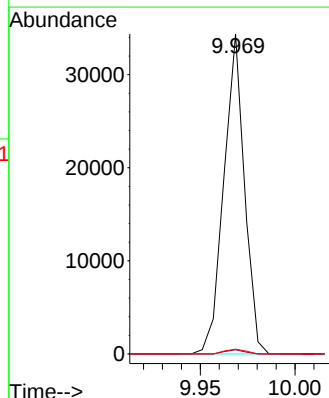
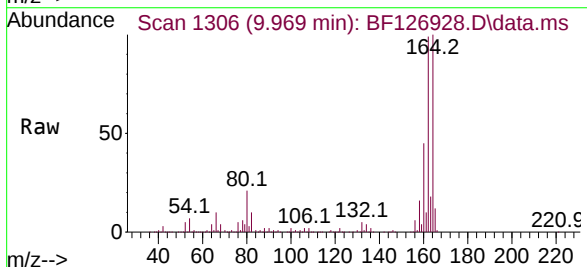
Tgt Ion:165 Resp: 26068

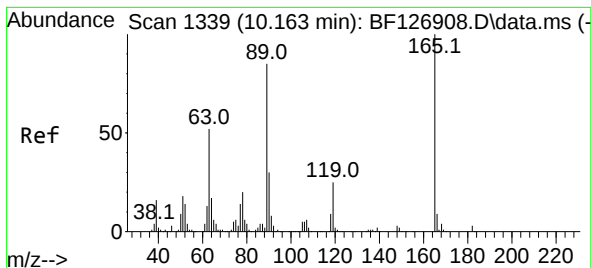
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.5 50.5 75.7#

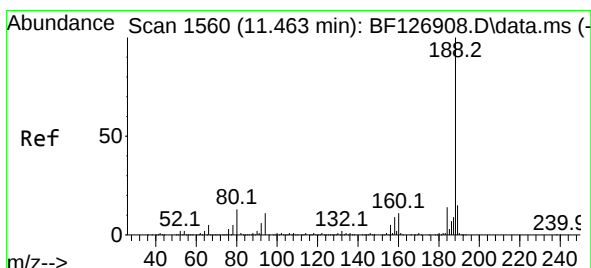
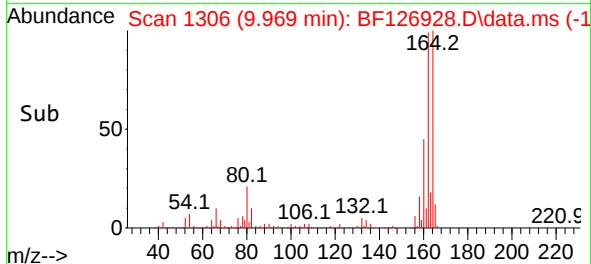
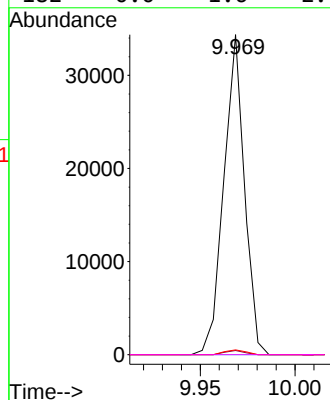
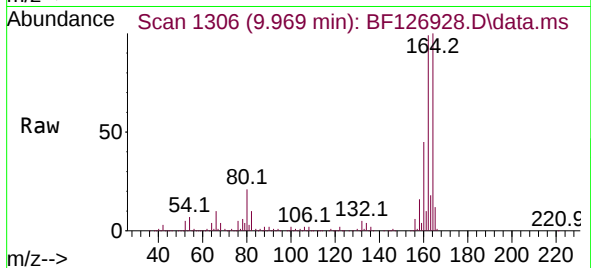




#57
2,4-Dinitrotoluene
Concen: 6.110 ng
RT: 9.969 min Scan# 1159
Delta R.T. -0.194 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

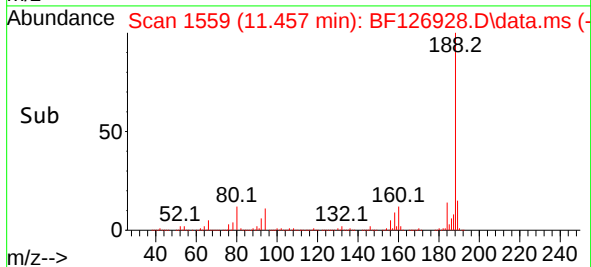
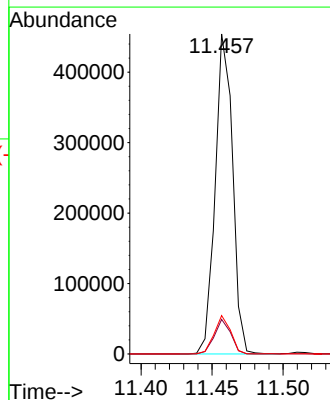
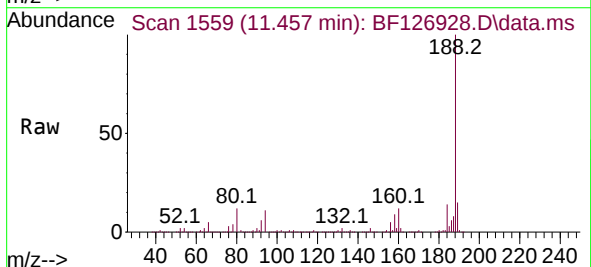
Instrument :
BNA_F
ClientSampleId :
TP-1

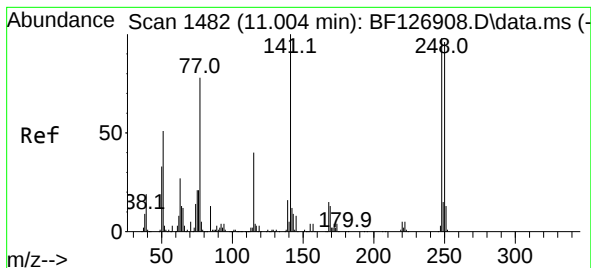
Tgt Ion:165	Resp:	26068
Ion	Ratio	Lower Upper
165	100	
63	1.3	43.0 64.6#
89	1.5	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

Tgt Ion:188	Resp:	385955
Ion	Ratio	Lower Upper
188	100	
94	10.8	10.1 15.1
80	12.0	11.8 17.6

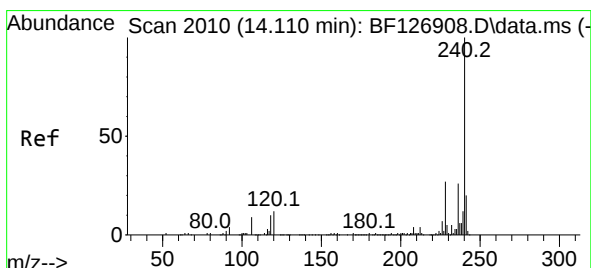
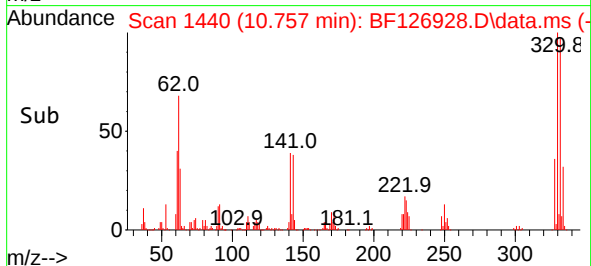
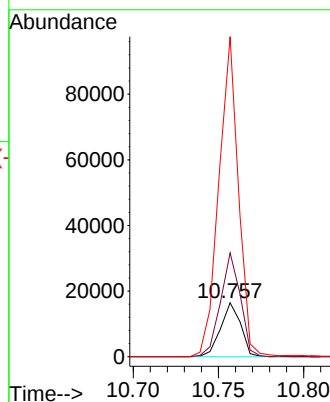
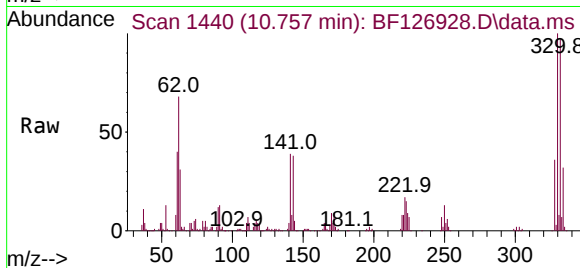




#67
4-Bromophenyl-phenylether
Concen: 3.118 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

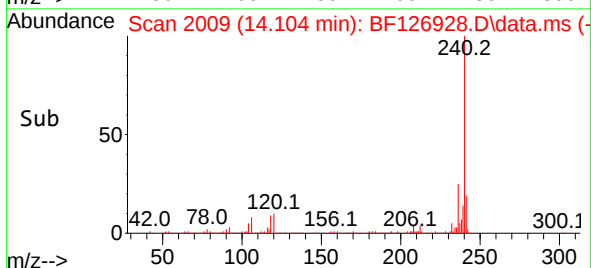
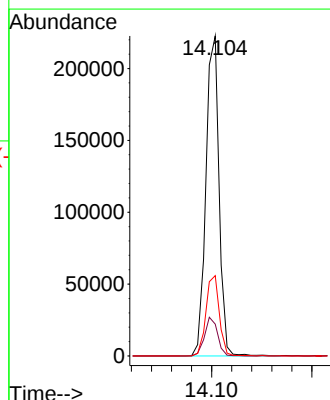
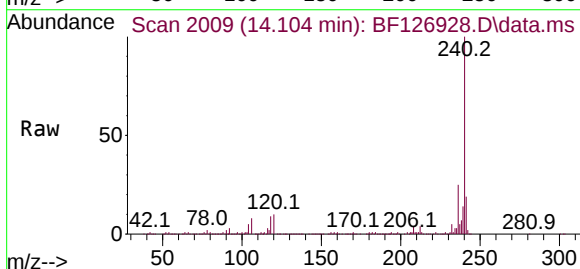
Instrument :
BNA_F
ClientSampleId :
TP-1

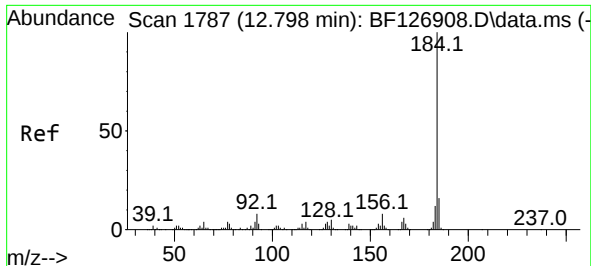
Tgt Ion:248 Resp: 13446
Ion Ratio Lower Upper
248 100
250 192.4 76.2 114.4#
141 593.2 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

Tgt Ion:240 Resp: 203132
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 25.1 20.5 30.7

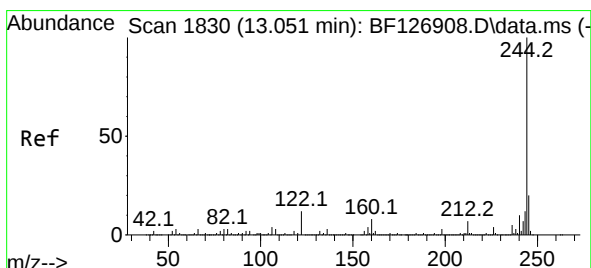
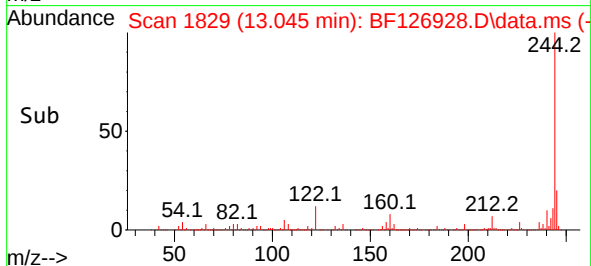
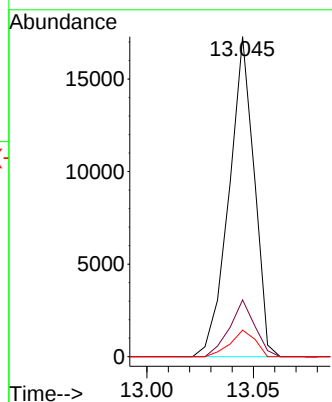
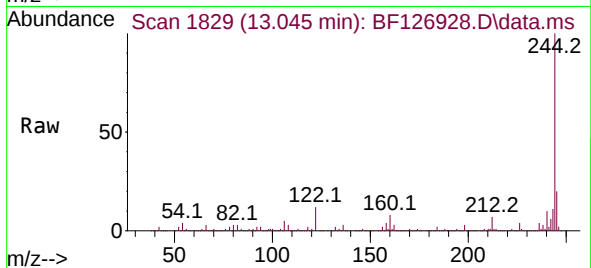




#77
Benzidine
Concen: 2.575 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.247 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

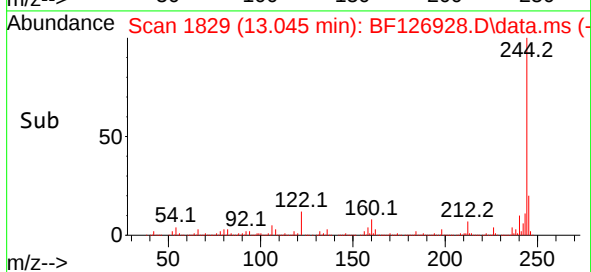
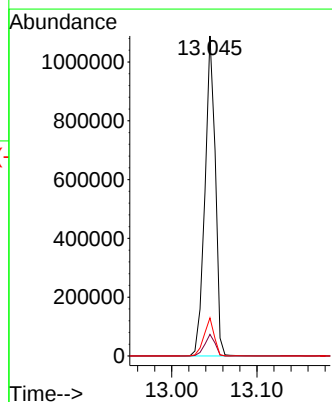
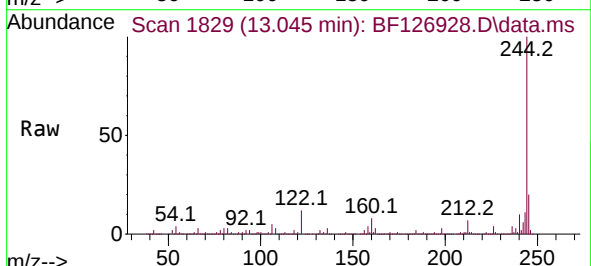
Instrument :
BNA_F
ClientSampleId :
TP-1

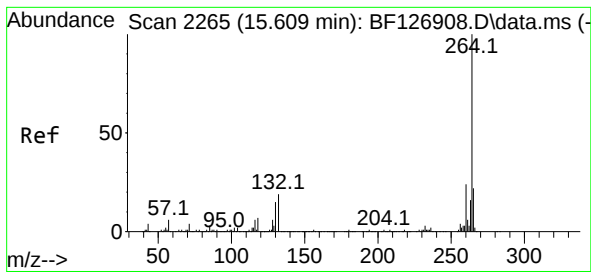
Tgt Ion:184 Resp: 14217
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.8#
183 8.3 8.2 12.2



#79
Terphenyl-d14
Concen: 66.331 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

Tgt Ion:244 Resp: 916576
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.9 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126928.D
Acq: 17 Feb 2022 15:50

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 184454
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.4 17.4 26.2

