

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126961.D
 Acq On : 18 Feb 2022 19:31
 Operator : CG\JU
 Sample : N1600-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA8

Quant Time: Feb 18 23:53:29 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)

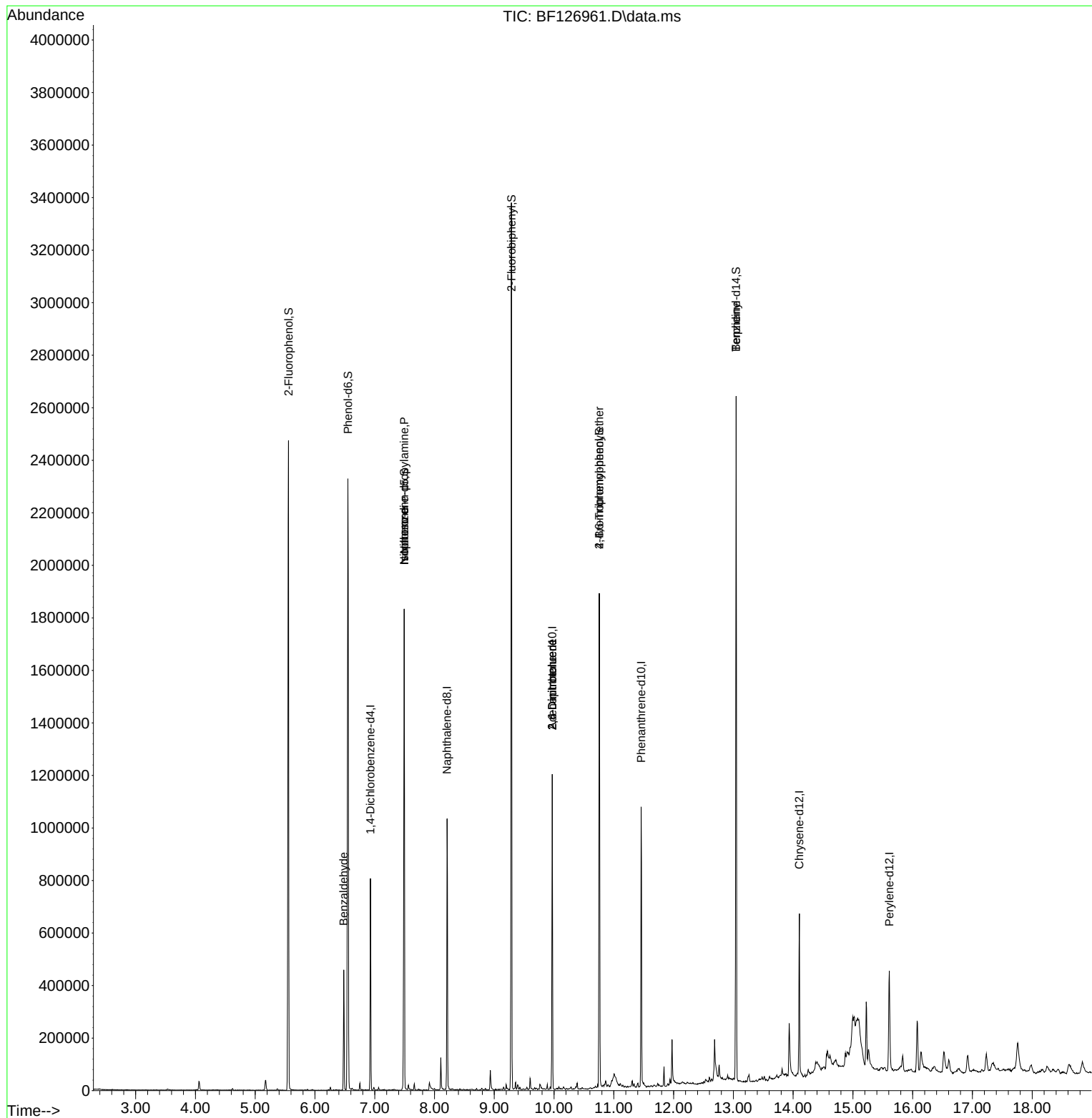
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	99304	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	404395	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	205826	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	352125	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	182377	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	151687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	614217	95.597	ng	0.01
7) Phenol-d6	6.551	99	823986	95.042	ng	0.00
23) Nitrobenzene-d5	7.493	82	586391	65.451	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	200426	84.575	ng	-0.01
45) 2-Fluorobiphenyl	9.287	172	873458	62.473	ng	0.00
79) Terphenyl-d14	13.045	244	824544	66.462	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	79812	15.124	ng	99
19) n-Nitroso-di-n-propyla...	7.493	70	80258	14.366	ng	# 82
25) Isophorone	7.493	82	584273	39.411	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	26616	8.892	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	26616	6.577	ng	# 15
67) 4-Bromophenyl-phenylether	10.757	248	12167	3.093	ng	# 1
77) Benizidine	13.045	184	12570	2.536	ng	# 96

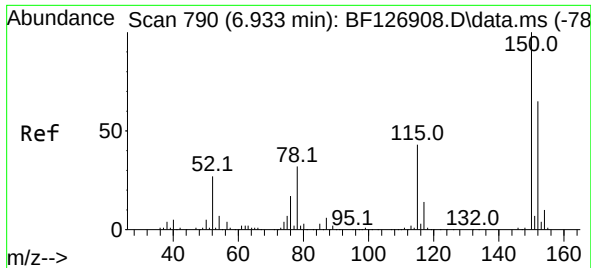
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
Data File : BF126961.D
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Operator : CG\JU
Sample : N1600-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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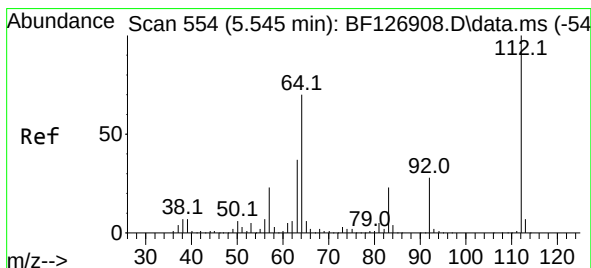
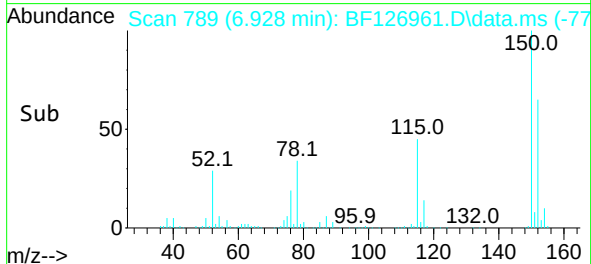
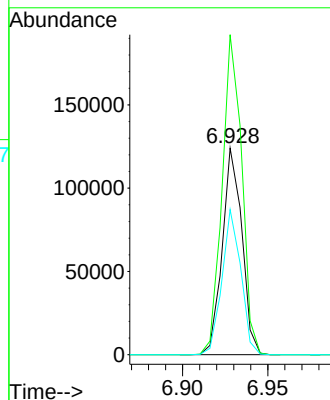
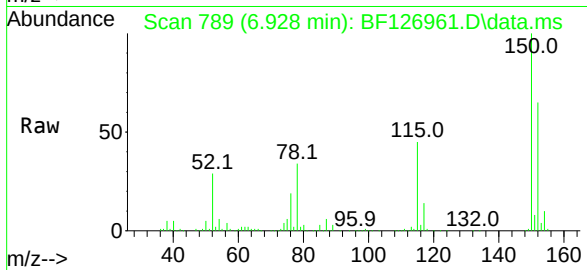




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

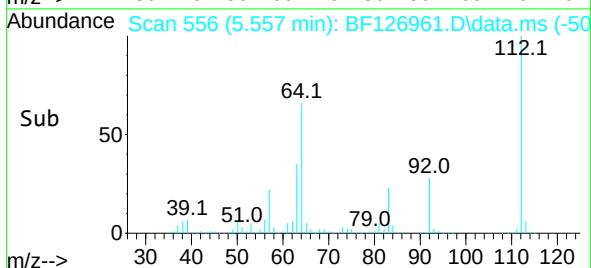
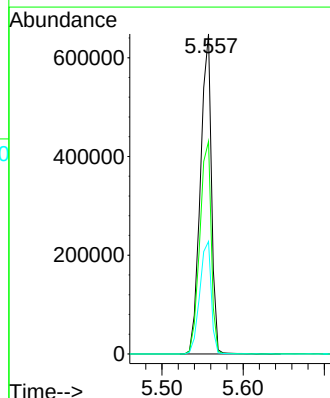
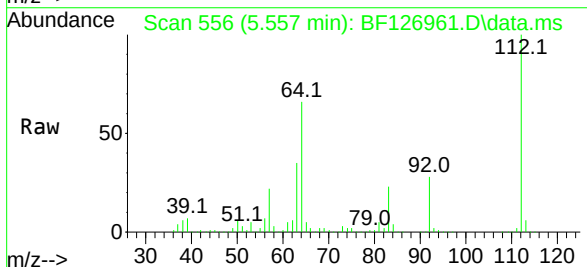
Instrument :
BNA_F
ClientSampleId :
C0AA8

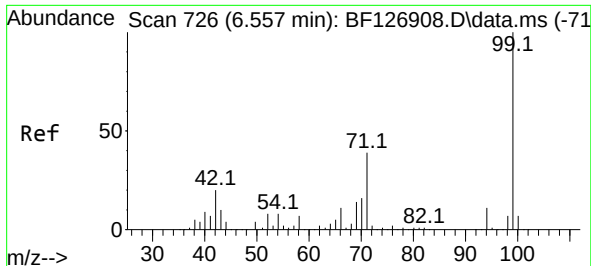
Tgt Ion:152 Resp: 99304
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 70.3 56.7 85.1



#5
2-Fluorophenol
Concen: 95.597 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:112 Resp: 614217
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 35.1 23.9 35.9

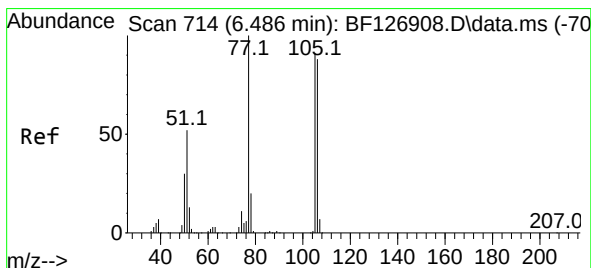
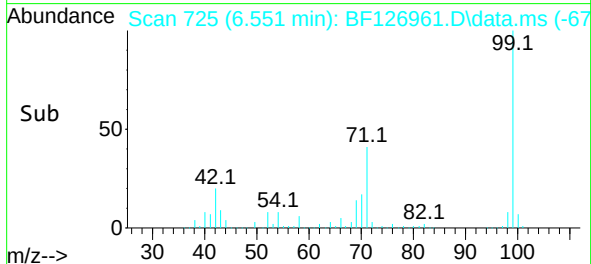
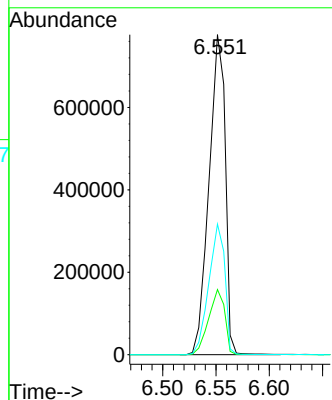
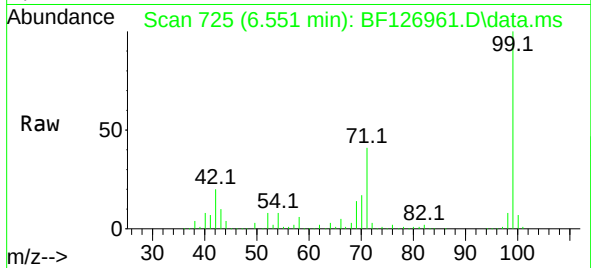




#7
Phenol-d6
Concen: 95.042 ng
RT: 6.551 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

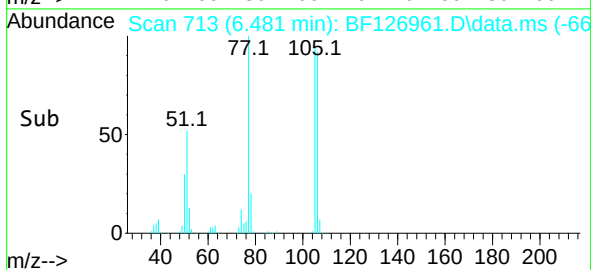
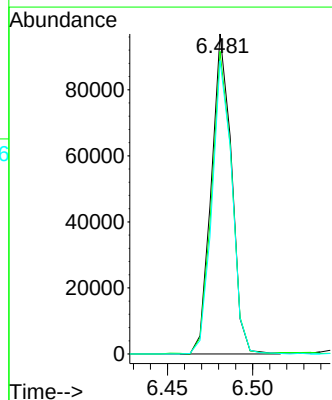
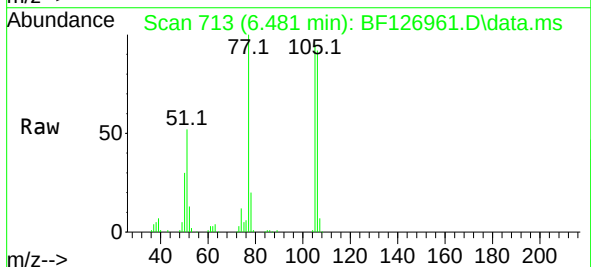
Instrument :
BNA_F
ClientSampleId :
C0AA8

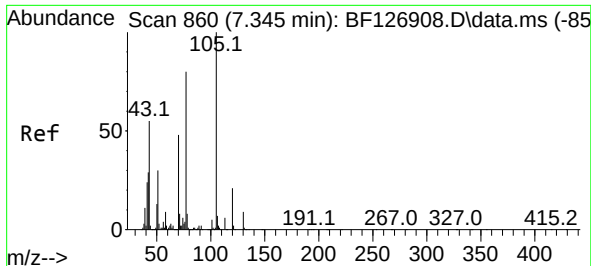
Tgt Ion: 99 Resp: 823986
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 40.8 24.3 36.5#



#9
Benzaldehyde
Concen: 15.124 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion: 77 Resp: 79812
Ion Ratio Lower Upper
77 100
105 94.6 74.9 114.9
106 91.7 72.4 112.4

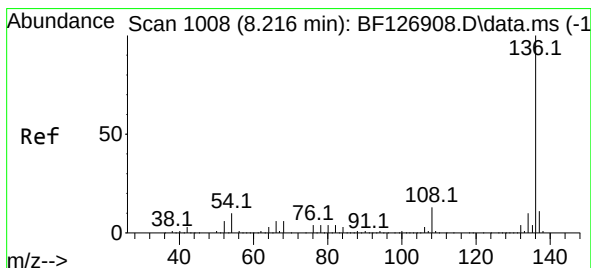
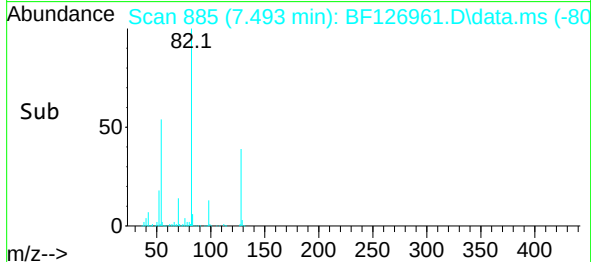
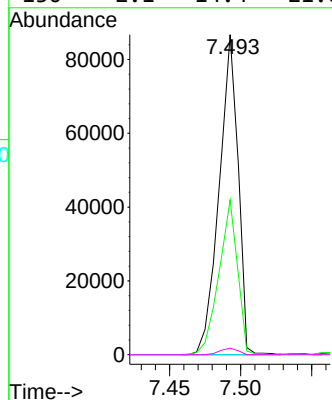
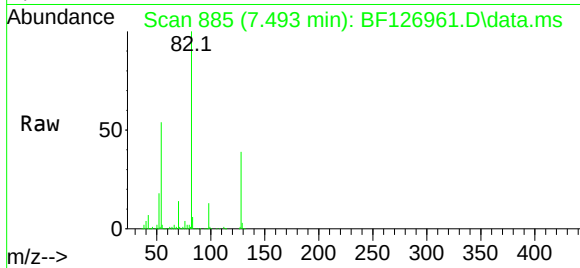




#19
n-Nitroso-di-n-propylamine
Concen: 14.366 ng
RT: 7.493 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

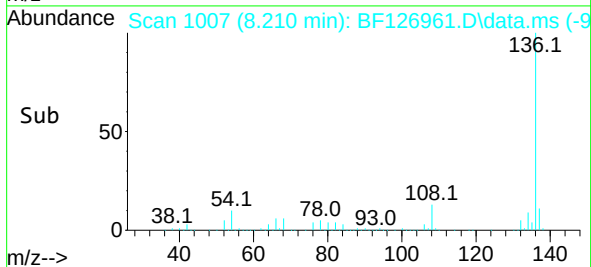
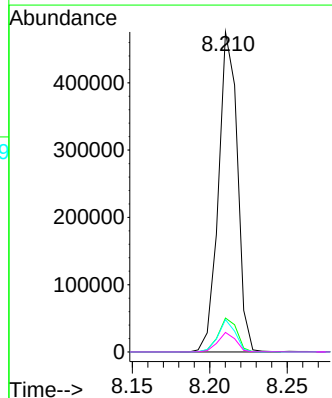
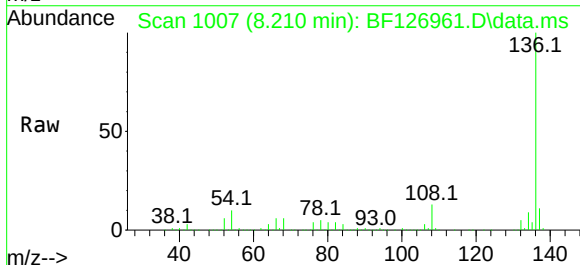
Instrument :
BNA_F
ClientSampleId :
C0AA8

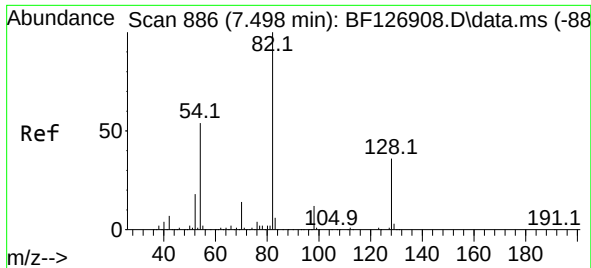
Tgt Ion:	70	Resp:	80258
Ion	Ratio	Lower	Upper
70	100		
42	48.4	45.8	68.8
101	0.0	6.9	10.3#
130	2.1	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:	136	Resp:	404395
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	10.1	7.8	11.6
68	6.1	6.3	9.5#





#23

Nitrobenzene-d5

Concen: 65.451 ng

RT: 7.493 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

Instrument :

BNA_F

ClientSampleId :

C0AA8

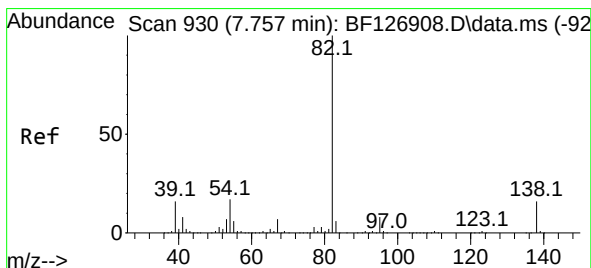
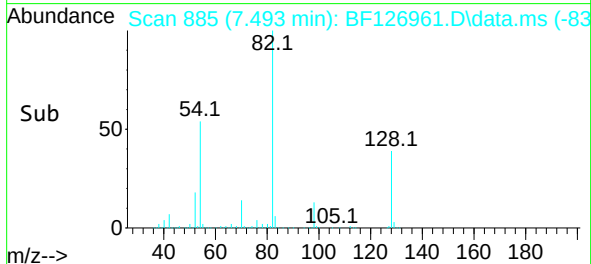
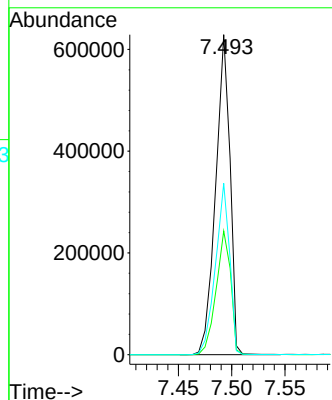
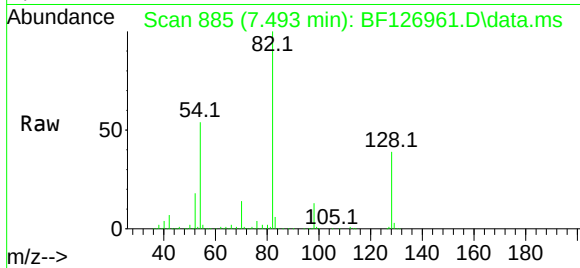
Tgt Ion: 82 Resp: 586391

Ion Ratio Lower Upper

82 100

128 38.7 32.7 49.1

54 53.6 41.7 62.5



#25

Isophorone

Concen: 39.411 ng

RT: 7.493 min Scan# 885

Delta R.T. -0.264 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

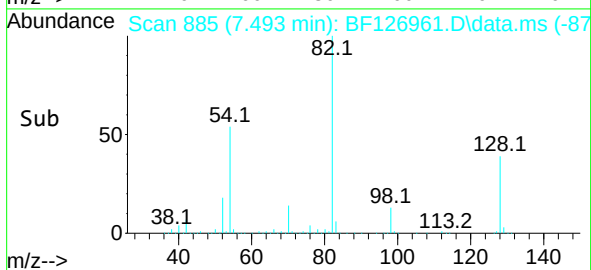
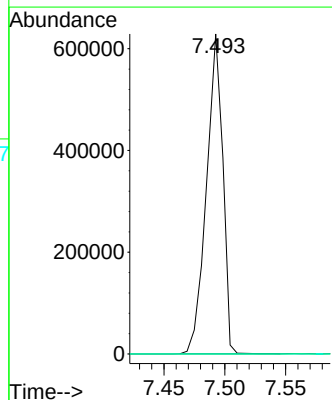
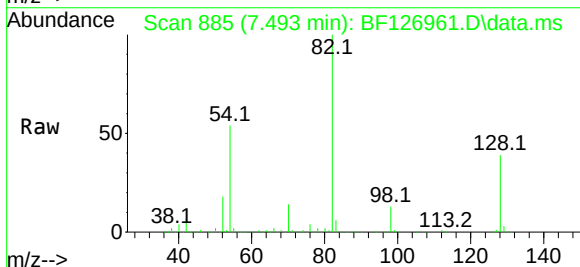
Tgt Ion: 82 Resp: 584273

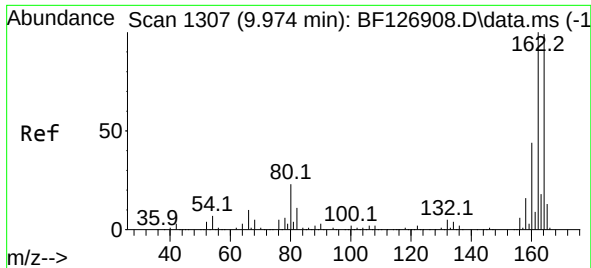
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

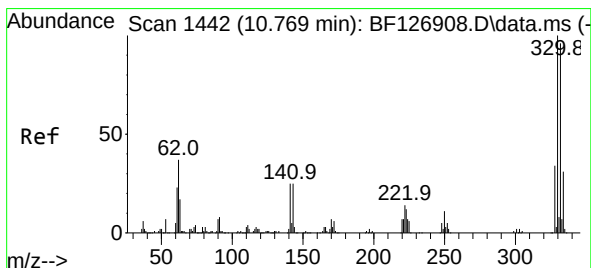
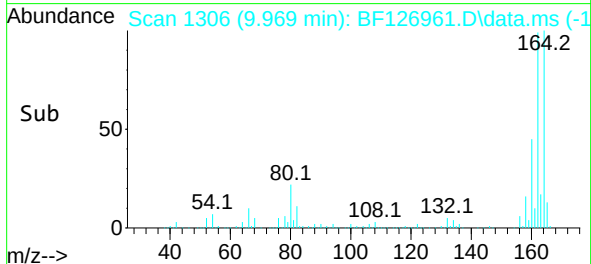
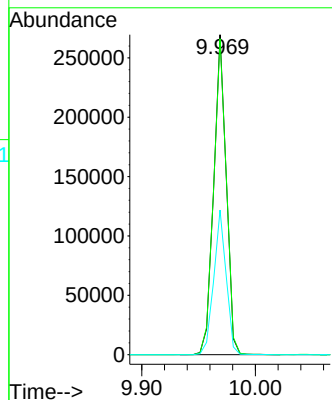
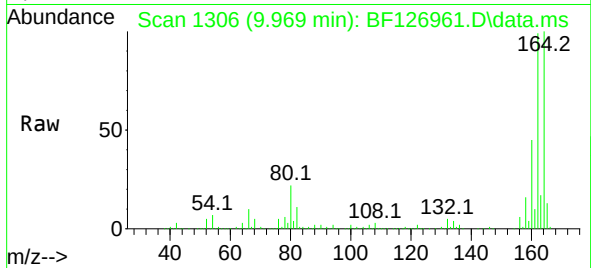




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

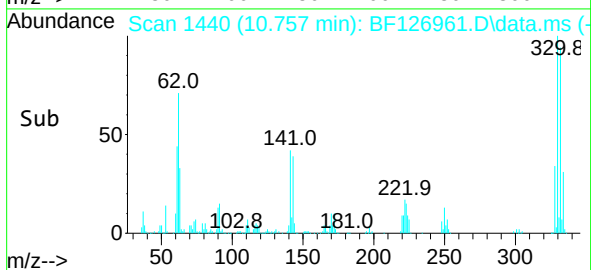
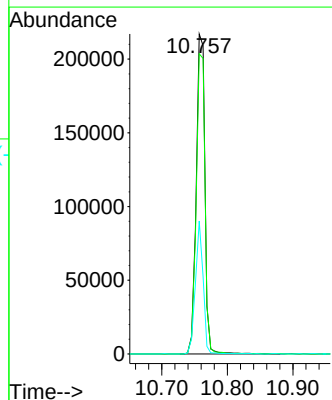
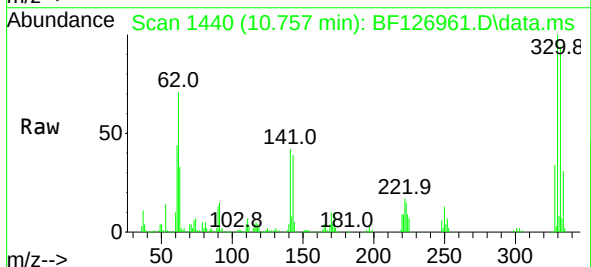
Instrument :
BNA_F
ClientSampleId :
C0AA8

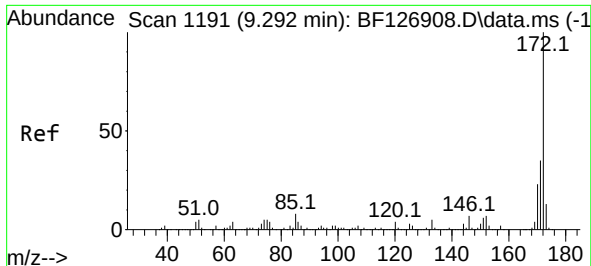
Tgt Ion:164 Resp: 205826
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 84.575 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:330 Resp: 200426
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 36.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 62.473 ng

RT: 9.287 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

Instrument :

BNA_F

ClientSampleId :

C0AA8

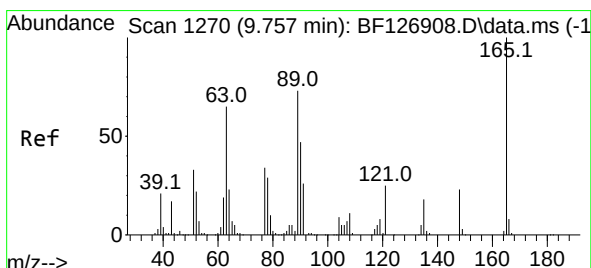
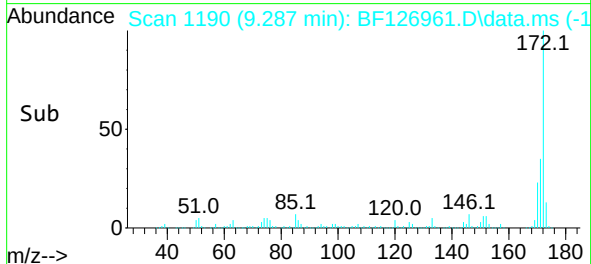
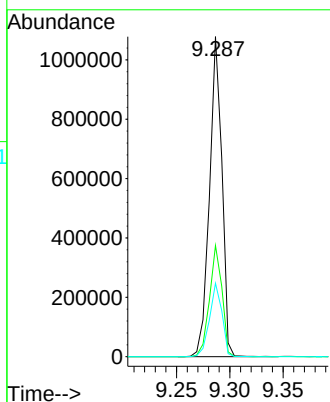
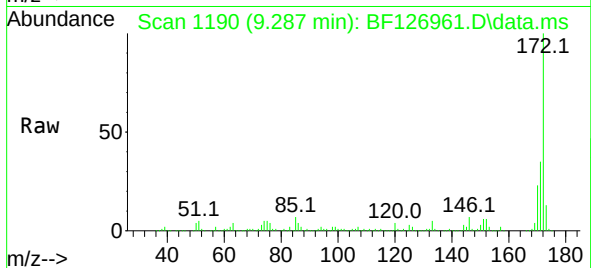
Tgt Ion:172 Resp: 873458

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.892 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.212 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

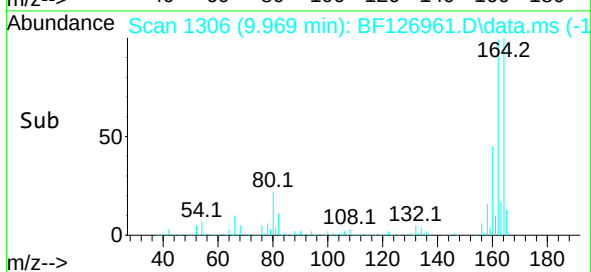
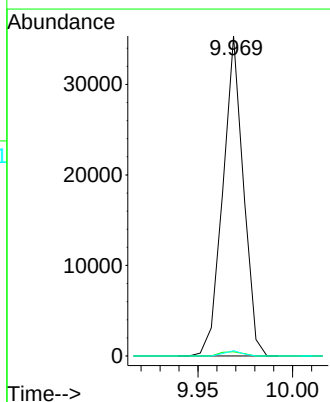
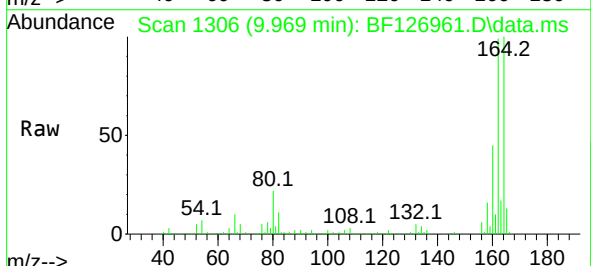
Tgt Ion:165 Resp: 26616

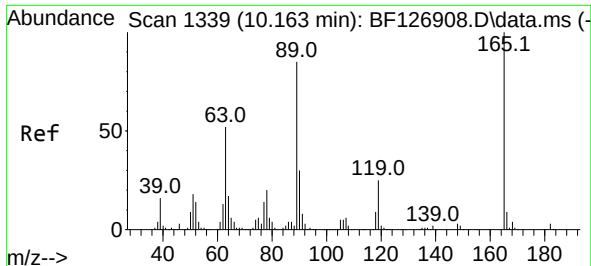
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.6 50.5 75.7#

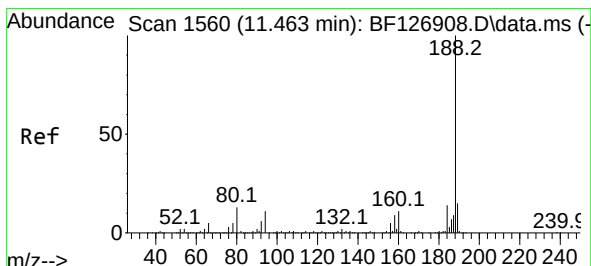
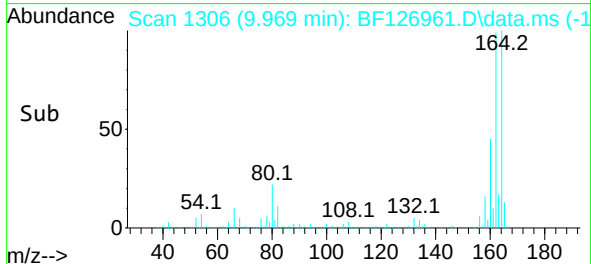
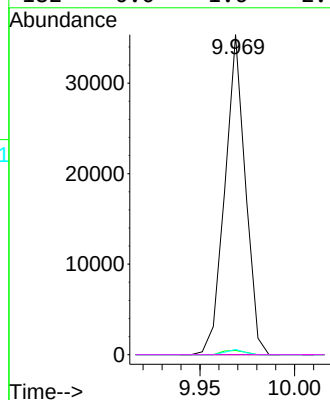
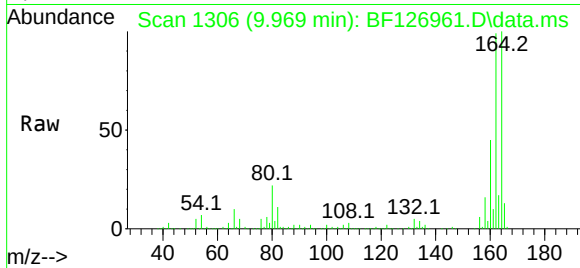




#57
2,4-Dinitrotoluene
Concen: 6.577 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

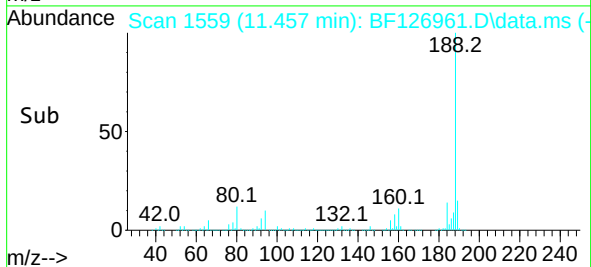
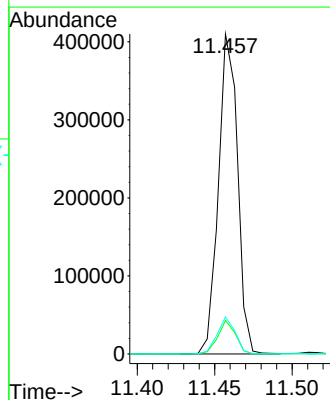
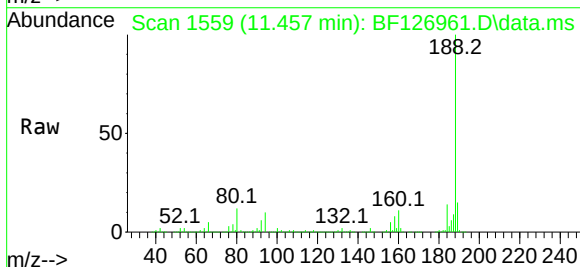
Instrument :
BNA_F
ClientSampleId :
C0AA8

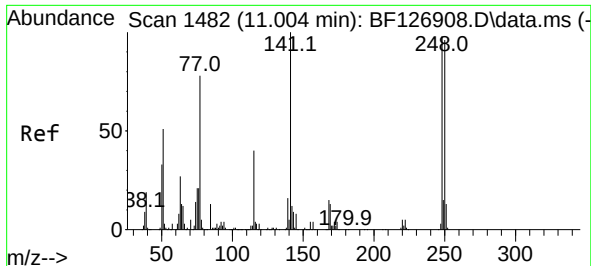
Tgt Ion:165	Resp:	26616
Ion Ratio	Lower	Upper
165	100	
63	1.3	43.0 64.6#
89	1.6	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:188	Resp:	352125
Ion Ratio	Lower	Upper
188	100	
94	10.5	10.1 15.1
80	11.6	11.8 17.6#

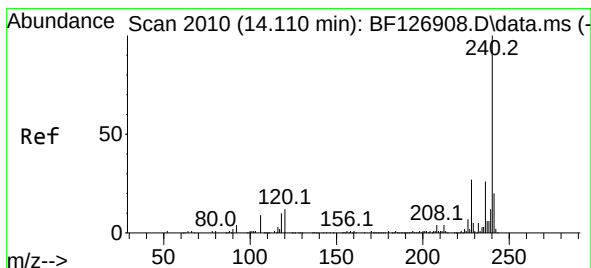
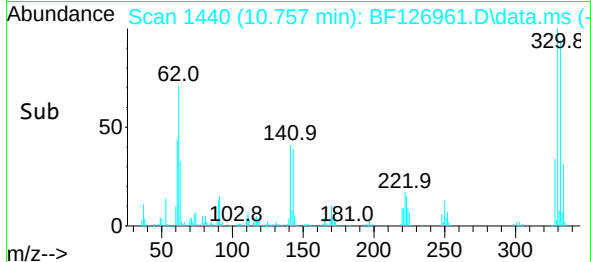
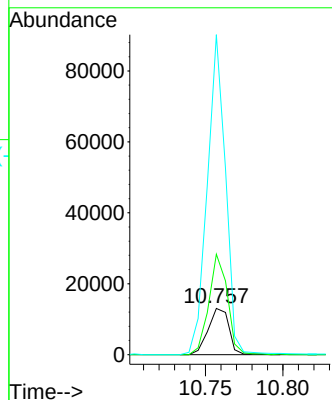
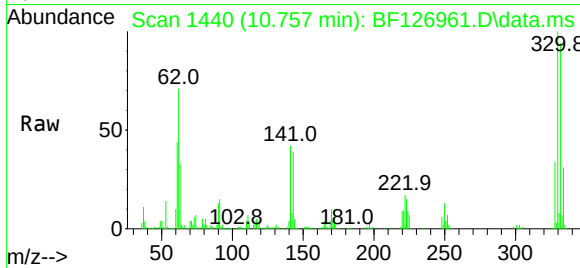




#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

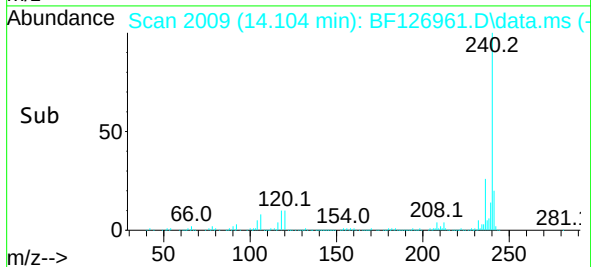
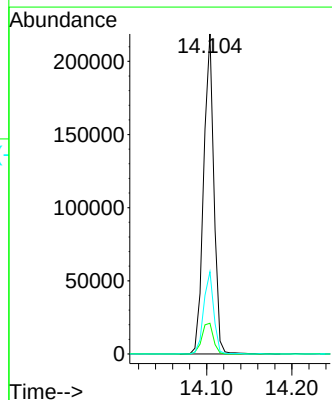
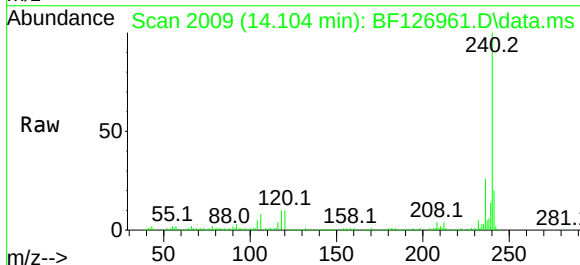
Instrument :
BNA_F
ClientSampleId :
C0AA8

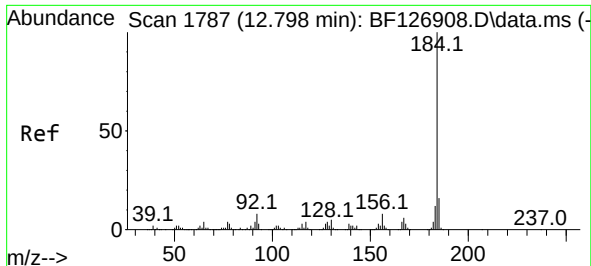
Tgt Ion:248 Resp: 12167
Ion Ratio Lower Upper
248 100
250 217.0 76.2 114.4#
141 691.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:240 Resp: 182377
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 25.7 20.5 30.7

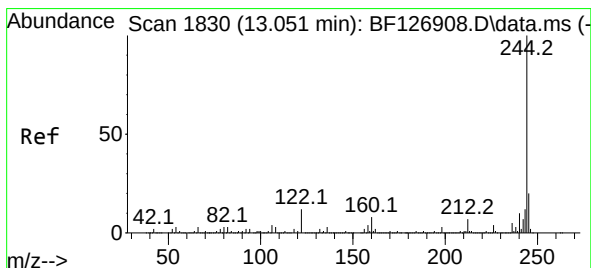
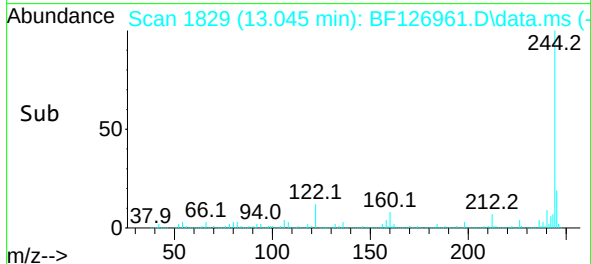
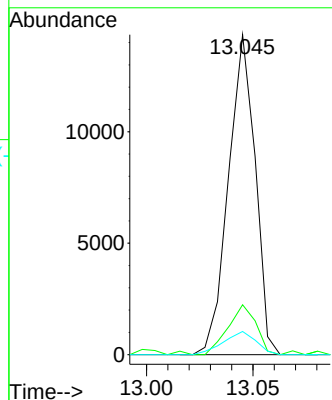
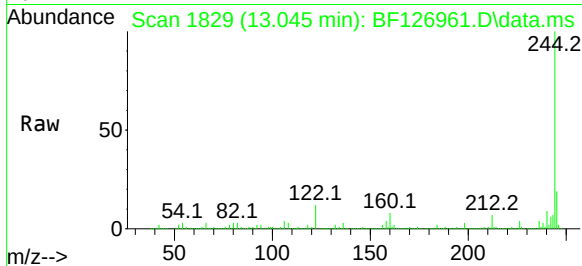




#77
Benzidine
Concen: 2.536 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.247 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

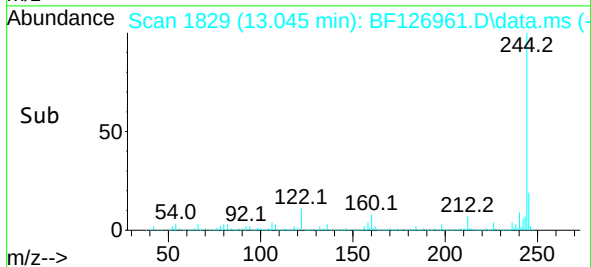
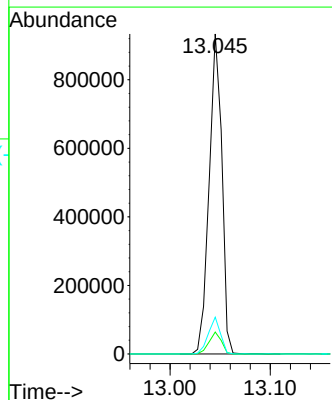
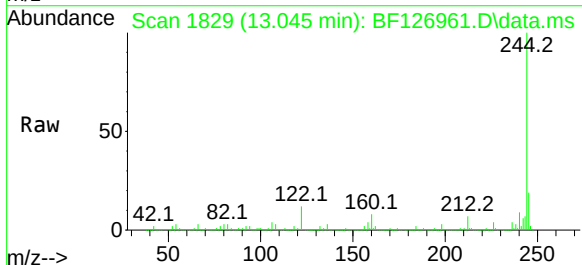
Instrument :
BNA_F
ClientSampleId :
C0AA8

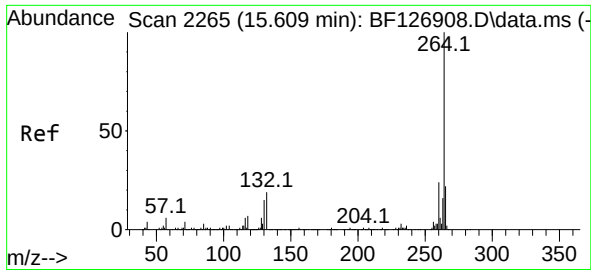
Tgt Ion:184 Resp: 12570
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 7.3 8.2 12.2#



#79
Terphenyl-d14
Concen: 66.462 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:244 Resp: 824544
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 11.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Instrument :
BNA_F
ClientSampleId :
C0AA8

Tgt Ion:264 Resp: 151687

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.3	17.4	26.2

