

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126925.D
 Acq On : 17 Feb 2022 14:24
 Operator : CG\JU
 Sample : N1466-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-7-6.5

Quant Time: Feb 17 17:09:14 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)

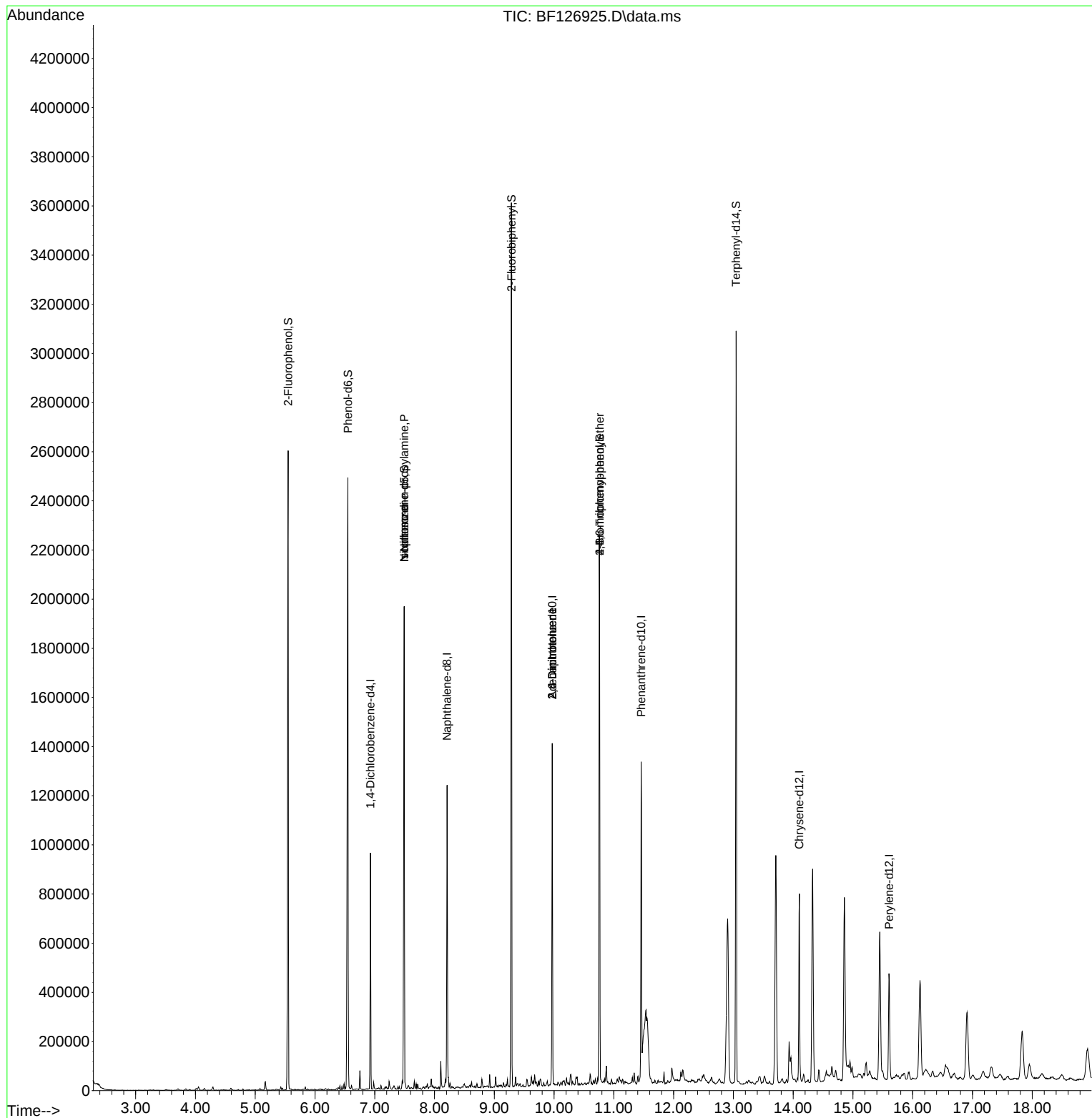
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	112933	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	459422	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	240400	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	424534	20.000	ng	0.00
76) Chrysene-d12	14.104	240	234890	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	177703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	644009	88.138	ng	0.00
7) Phenol-d6	6.551	99	860579	87.284	ng	0.00
23) Nitrobenzene-d5	7.492	82	605749	59.514	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	254759	92.041	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	960287	58.806	ng	0.00
79) Terphenyl-d14	13.045	244	964794	60.381	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	82215	12.941	ng	# 79
25) Isophorone	7.492	82	604465	35.889	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	32180	9.205	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	32180	6.808	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	15242	3.213	ng	# 1

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

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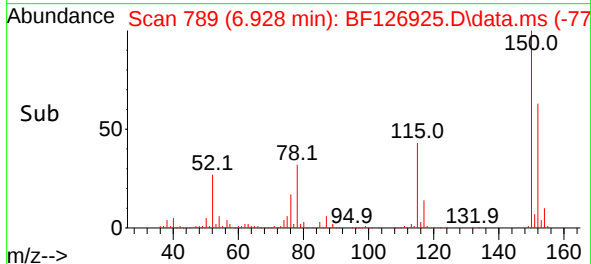
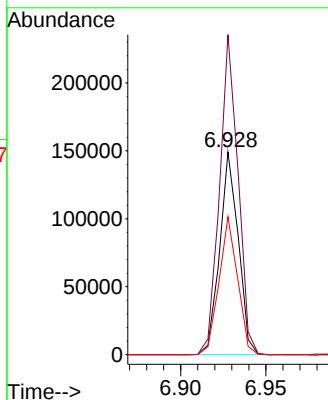
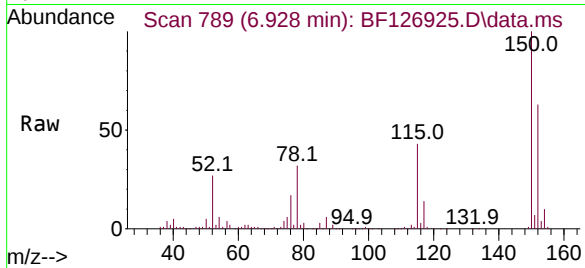




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

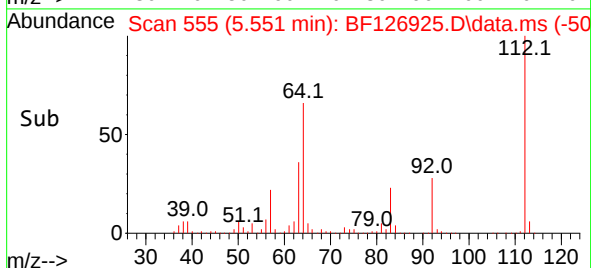
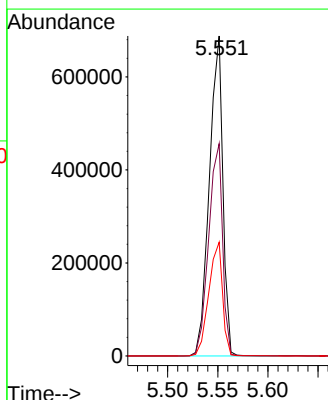
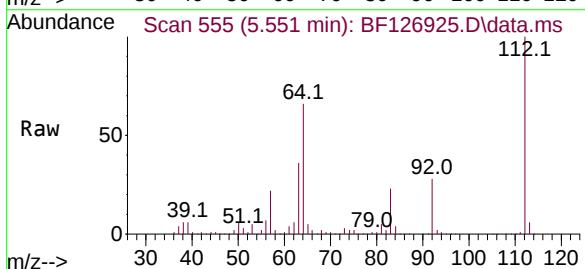
Instrument :
BNA_F
ClientSampleId :
A5-7-6.5

Tgt Ion:152 Resp: 112933
Ion Ratio Lower Upper
152 100
150 157.9 128.1 192.1
115 68.1 56.7 85.1



#5
2-Fluorophenol
Concen: 88.138 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

Tgt Ion:112 Resp: 644009
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 35.5 23.9 35.9

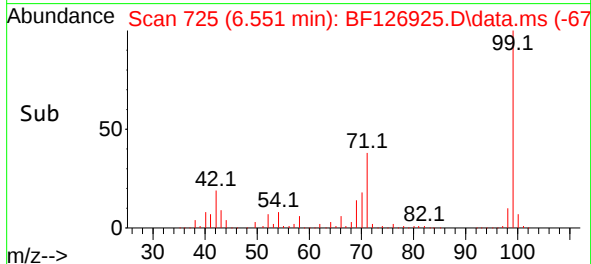
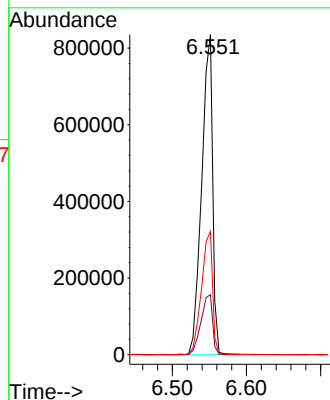
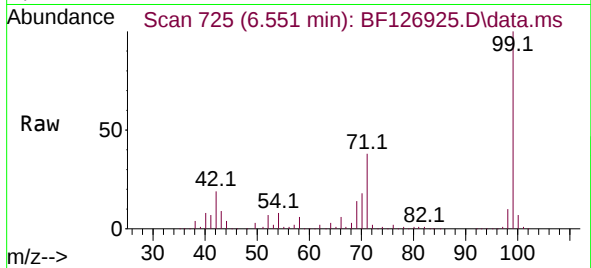




#7
Phenol-d6
Concen: 87.284 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

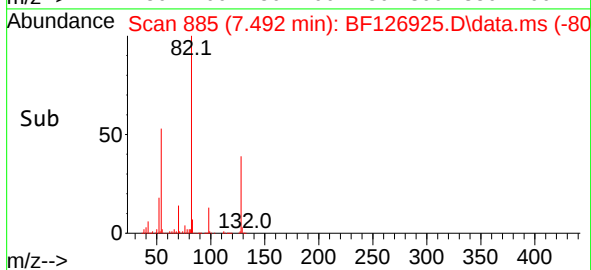
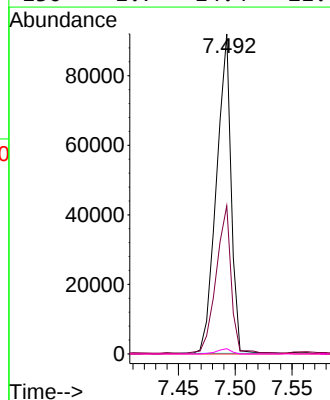
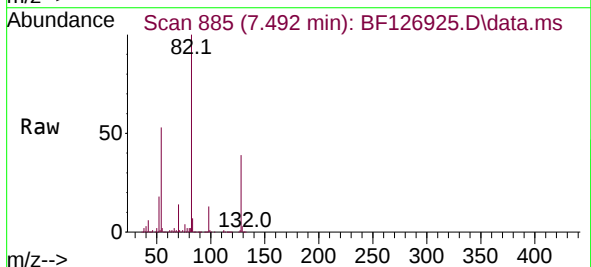
Instrument :
BNA_F
ClientSampleId :
A5-7-6.5

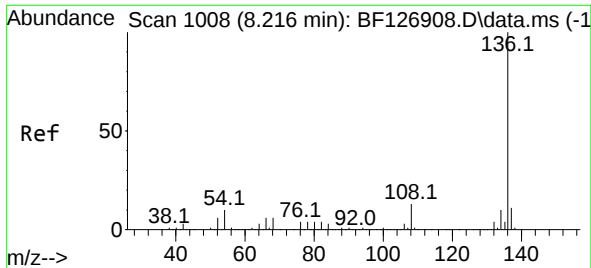
Tgt Ion: 99 Resp: 860579
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 38.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.941 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

Tgt Ion: 70 Resp: 82215
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

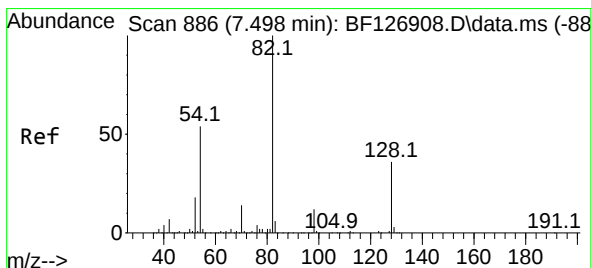
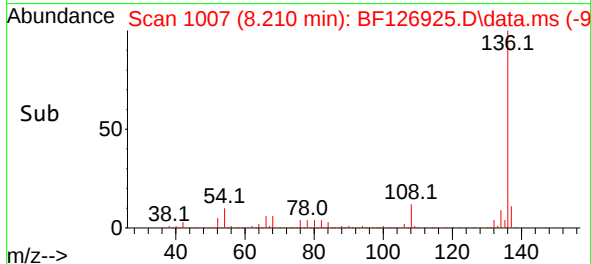
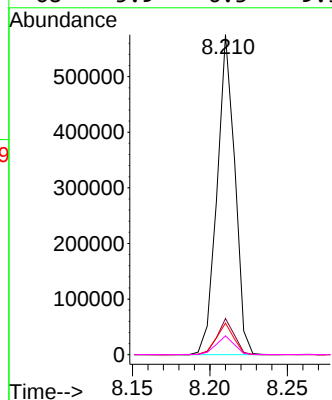
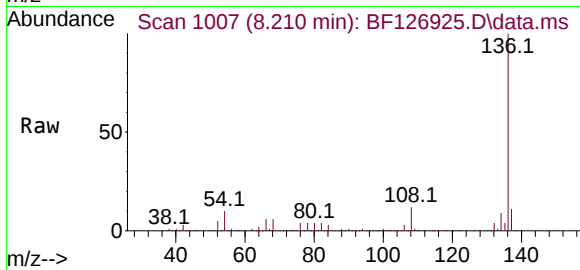




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

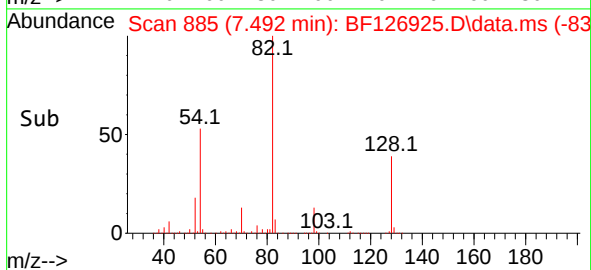
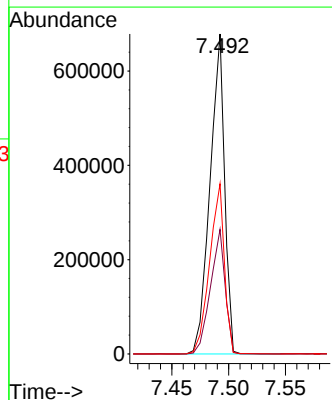
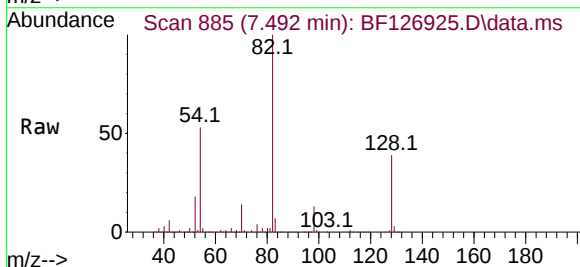
Instrument :
BNA_F
ClientSampleId :
A5-7-6.5

Tgt Ion:136 Resp: 459422
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.9 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 59.514 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

Tgt Ion: 82 Resp: 605749
Ion Ratio Lower Upper
82 100
128 38.9 32.7 49.1
54 53.2 41.7 62.5

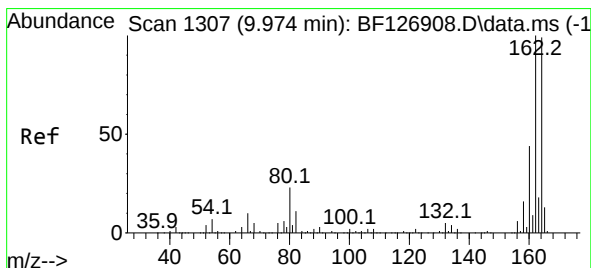
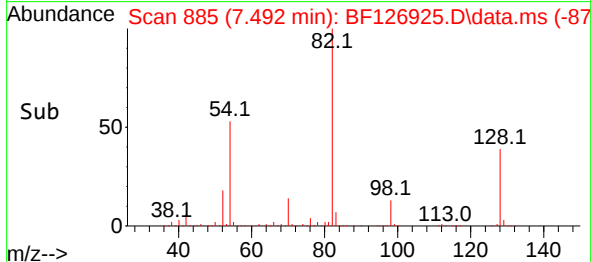
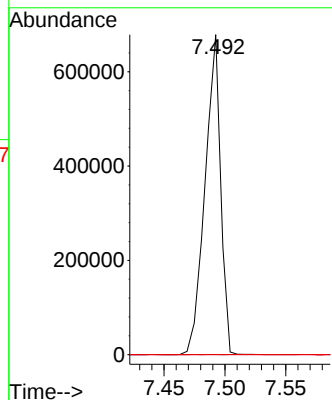
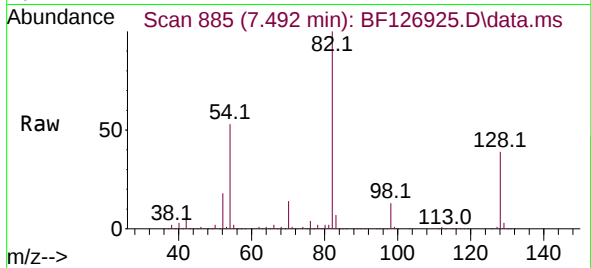




#25
Isophorone
Concen: 35.889 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

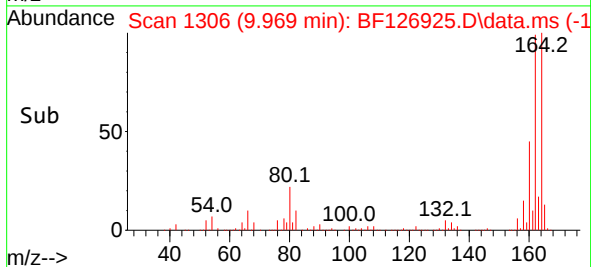
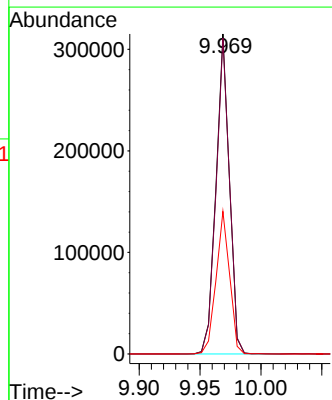
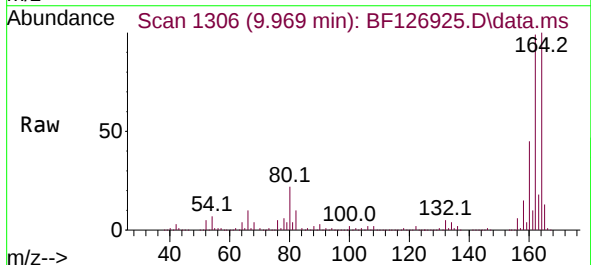
Instrument :
BNA_F
ClientSampleId :
A5-7-6.5

Tgt Ion: 82 Resp: 604465
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# 1306
Delta R.T. -0.006 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

Tgt Ion: 164 Resp: 240400
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 92.041 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126925.D

Acq: 17 Feb 2022 14:24

Instrument :

BNA_F

ClientSampleId :

A5-7-6.5

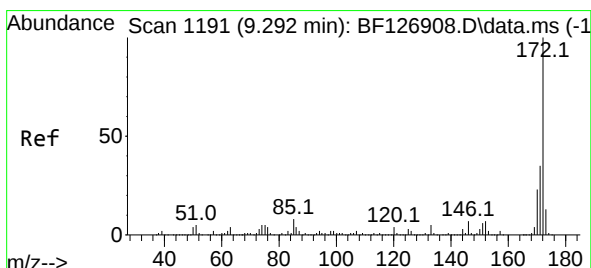
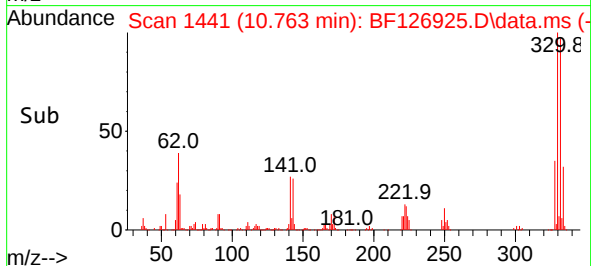
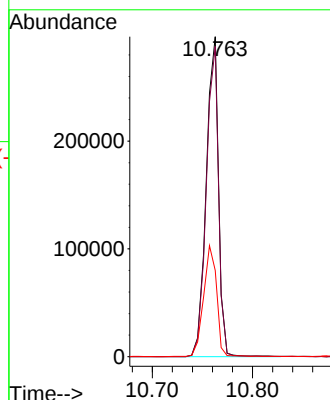
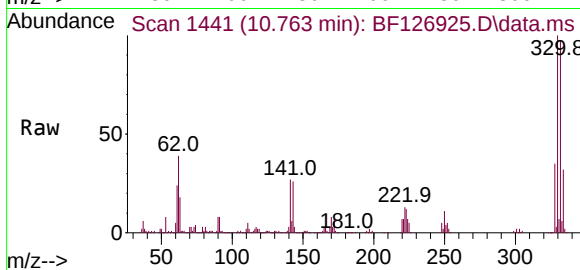
Tgt Ion:330 Resp: 254759

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 37.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 58.806 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF126925.D

Acq: 17 Feb 2022 14:24

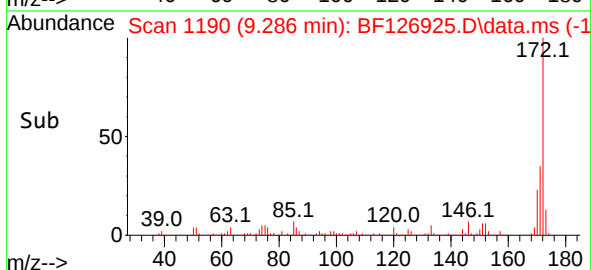
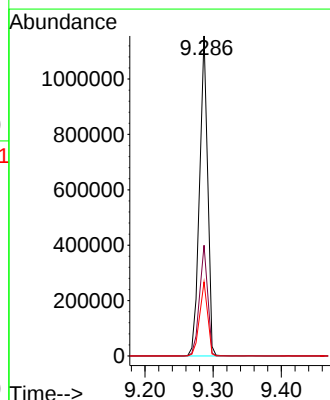
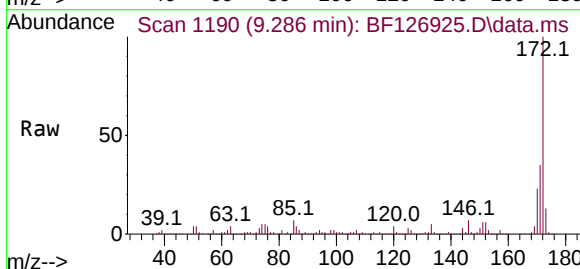
Tgt Ion:172 Resp: 960287

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.2 19.0 28.6

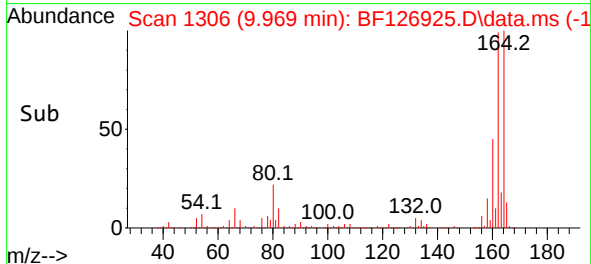
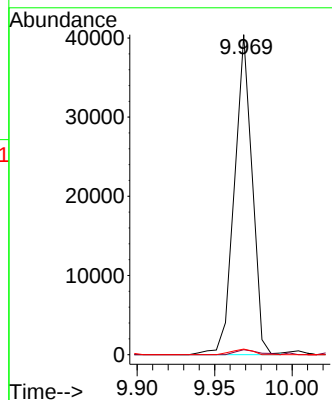
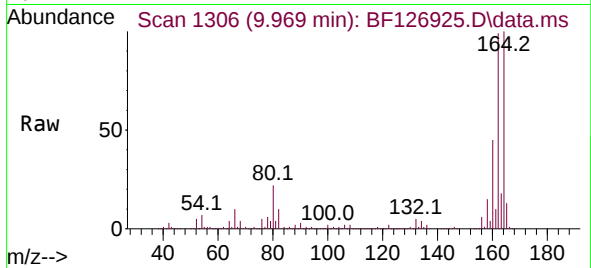




#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

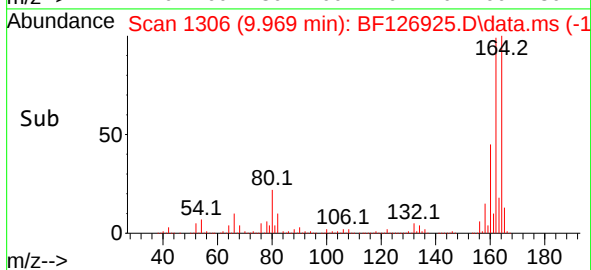
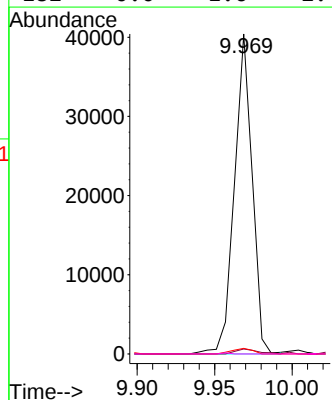
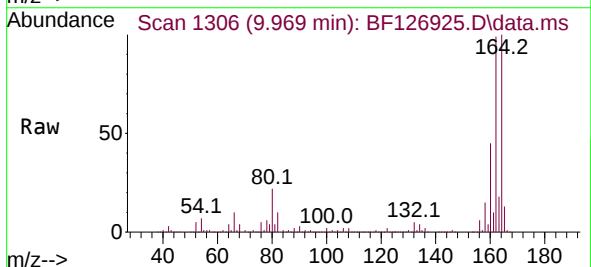
Instrument :
BNA_F
ClientSampleId :
A5-7-6.5

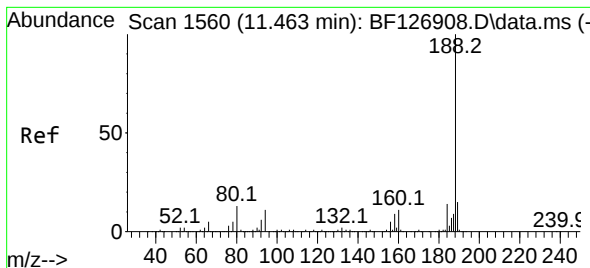
Tgt Ion:165 Resp: 32180
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126925.D
Acq: 17 Feb 2022 14:24

Tgt Ion:165 Resp: 32180
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126925.D

Acq: 17 Feb 2022 14:24

Instrument :

BNA_F

ClientSampleId :

A5-7-6.5

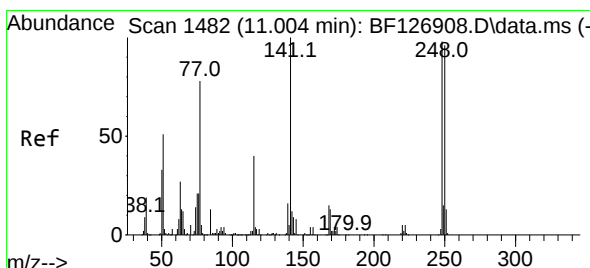
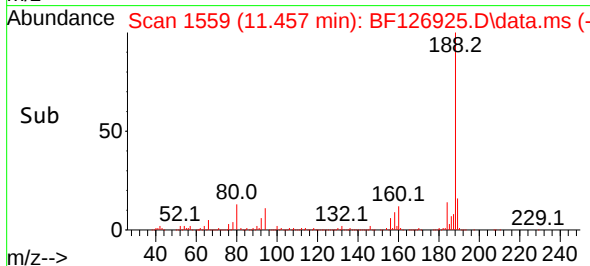
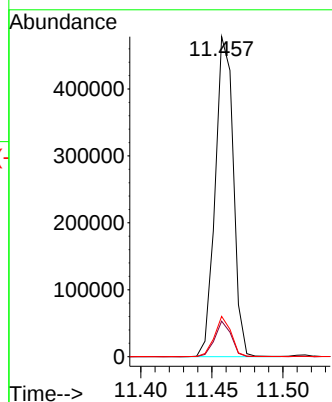
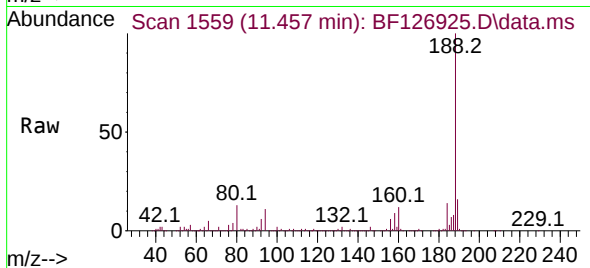
Tgt Ion:188 Resp: 424534

Ion Ratio Lower Upper

188 100

94 11.1 10.1 15.1

80 12.6 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.213 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF126925.D

Acq: 17 Feb 2022 14:24

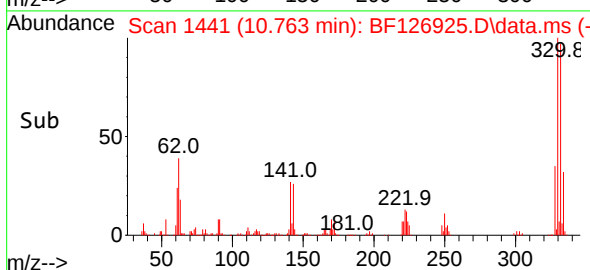
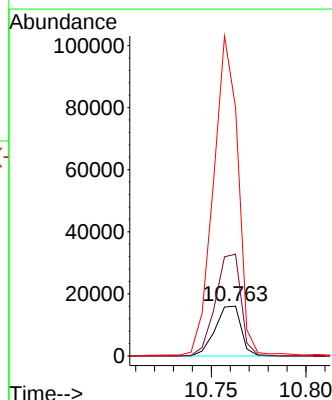
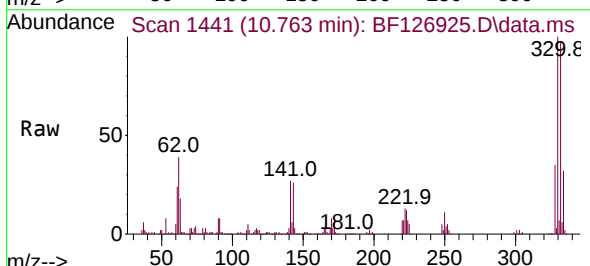
Tgt Ion:248 Resp: 15242

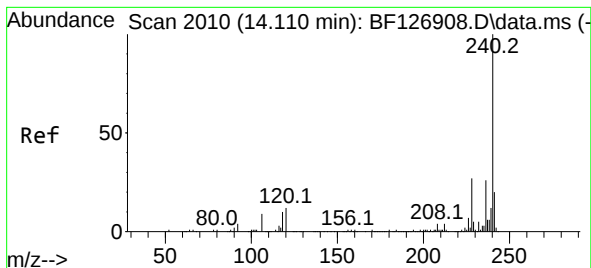
Ion Ratio Lower Upper

248 100

250 204.1 76.2 114.4#

141 498.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF126925.D

Acq: 17 Feb 2022 14:24

Instrument :

BNA_F

ClientSampleId :

A5-7-6.5

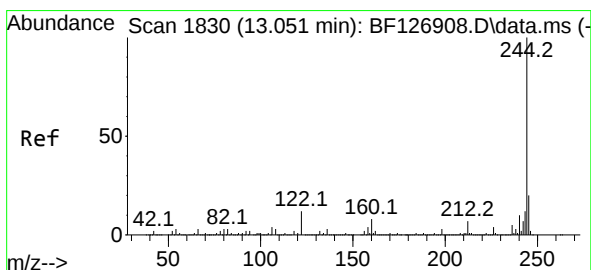
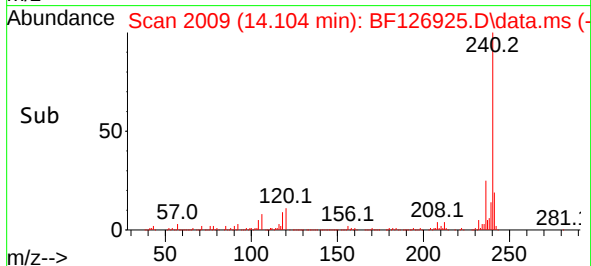
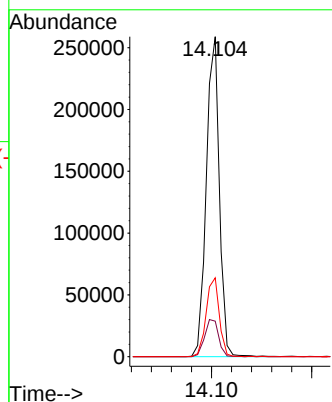
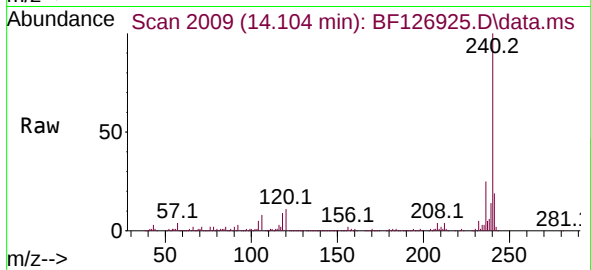
Tgt Ion:240 Resp: 234890

Ion Ratio Lower Upper

240 100

120 11.1 14.4 21.6#

236 24.7 20.5 30.7



#79

Terphenyl-d14

Concen: 60.381 ng

RT: 13.045 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF126925.D

Acq: 17 Feb 2022 14:24

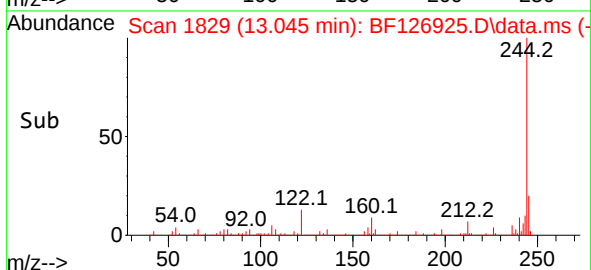
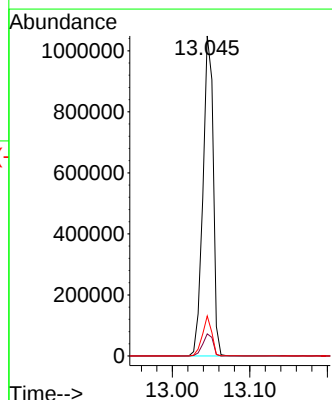
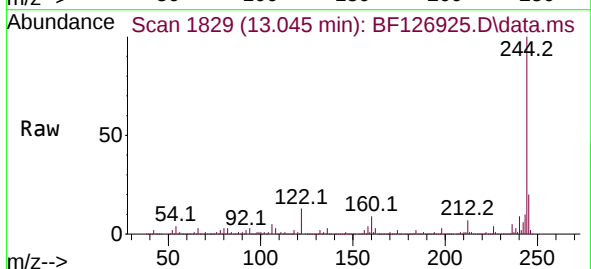
Tgt Ion:244 Resp: 964794

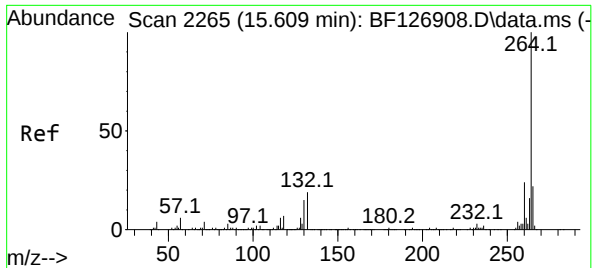
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

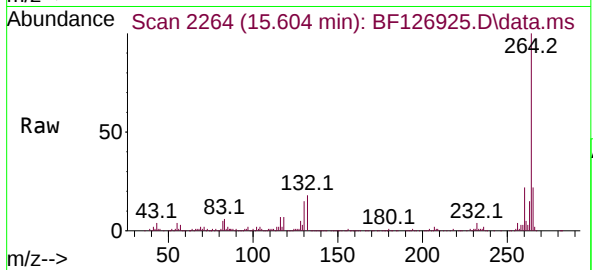
122 12.5 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126925.D
 Acq: 17 Feb 2022 14:24

Instrument :
 BNA_F
 ClientSampleId :
 A5-7-6.5



Tgt Ion:264 Resp: 177703
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.2 28.8
 265 21.7 17.4 26.2

