

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126581.D
 Acq On : 10 Jan 2022 21:54
 Operator : JU/CG
 Sample : N1076-04 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Quant Time: Jan 11 01:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

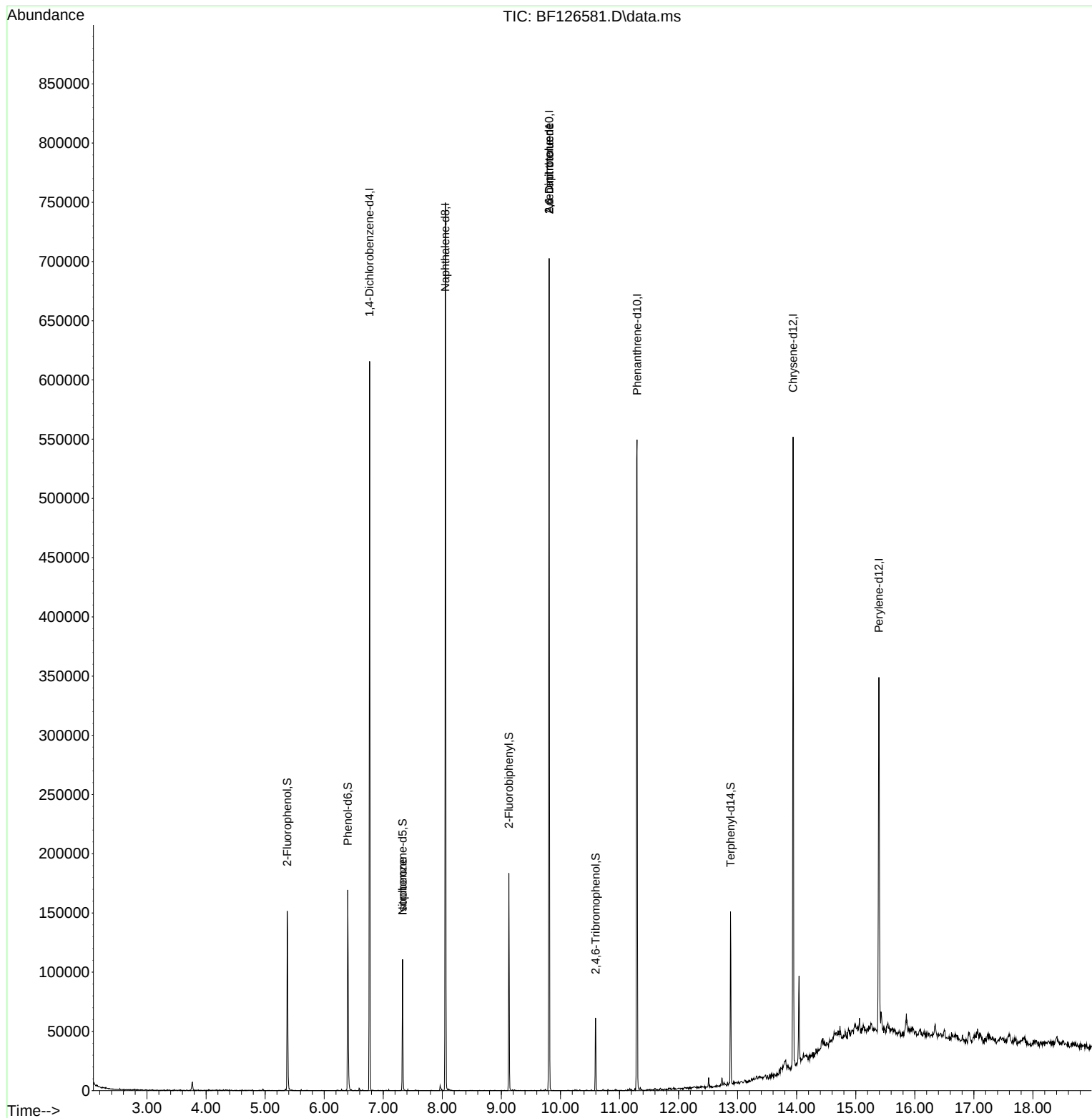
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	82909	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	319307	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	132937	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	202609	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	167339	20.000	ng	0.00
86) Perylene-d12	15.392	264	126209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	47500	8.227	ng	0.00
7) Phenol-d6	6.398	99	57222	7.652	ng	-0.01
23) Nitrobenzene-d5	7.328	82	31847	5.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	8586	8.358	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	50544	6.691	ng	-0.01
79) Terphenyl-d14	12.880	244	45182	5.246	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.328	82	31846	2.861	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	17241	9.620	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	17241	7.456	ng	# 14
77) Benzidine	12.880	184	364	Below Cal		# 68

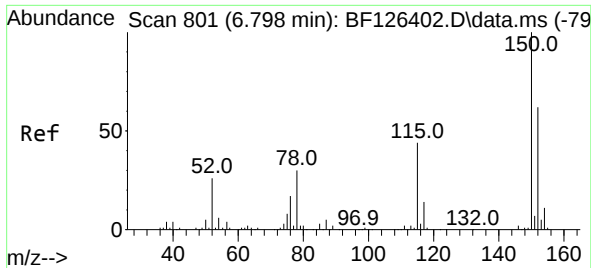
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

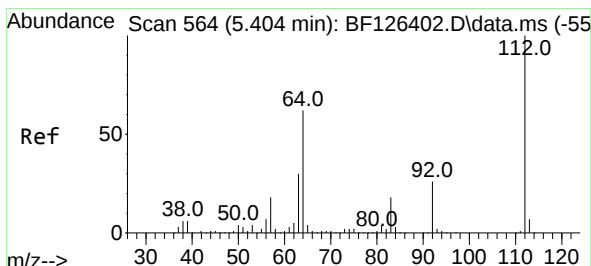
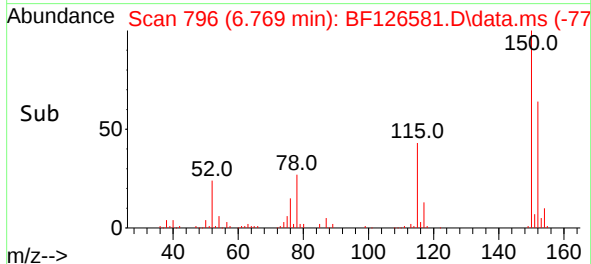
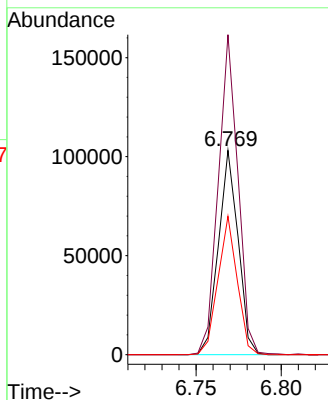
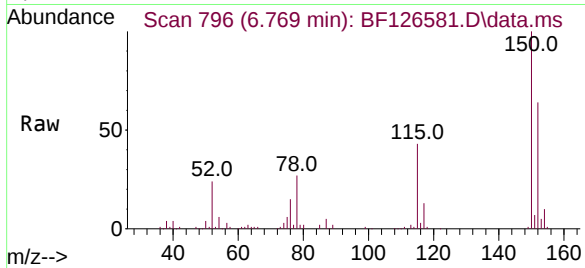




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

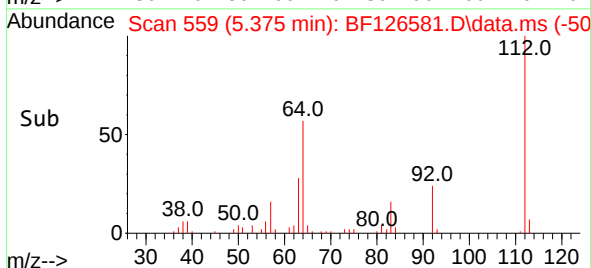
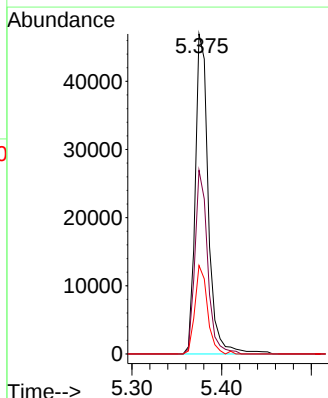
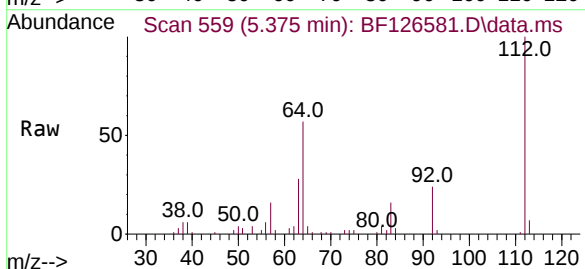
Instrument :
BNA_F
ClientSampleId :
SB-04

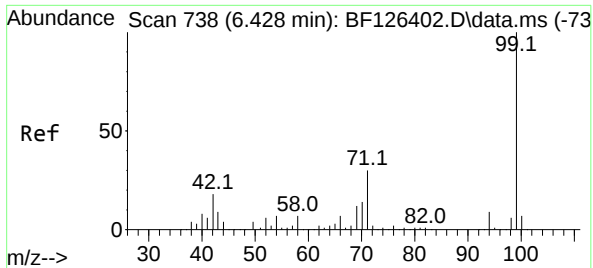
Tgt Ion:152 Resp: 82909
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 67.8 56.7 85.1



#5
2-Fluorophenol
Concen: 8.227 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

Tgt Ion:112 Resp: 47500
Ion Ratio Lower Upper
112 100
64 57.4 49.5 74.3
63 27.7 23.9 35.9

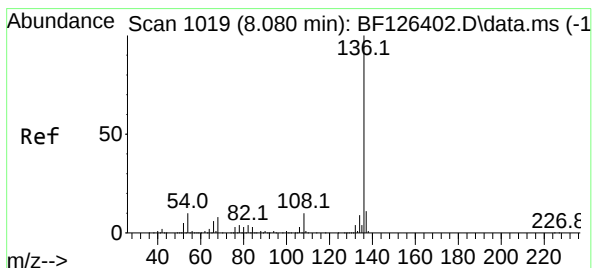
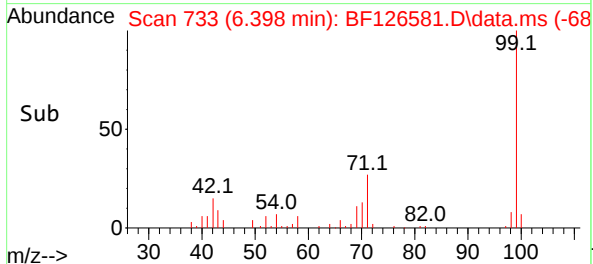
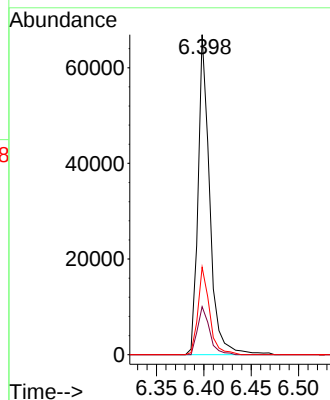
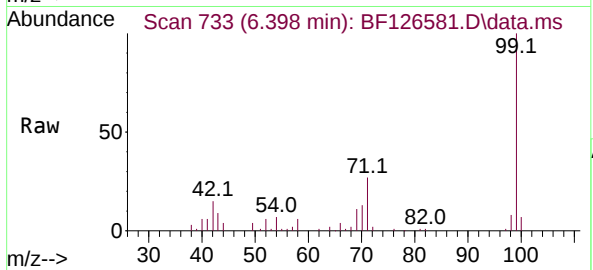




#7
Phenol-d6
Concen: 7.652 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

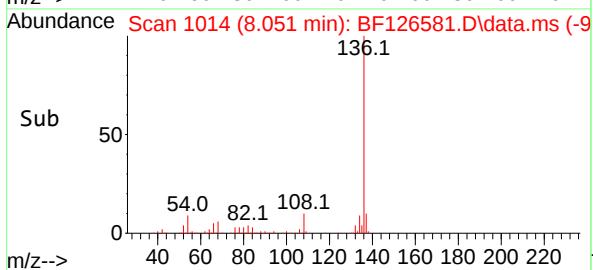
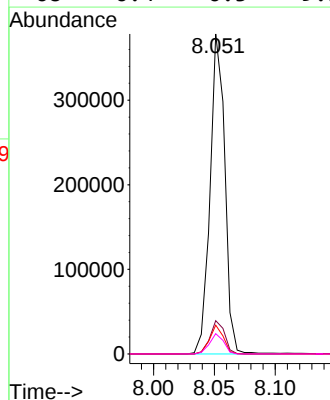
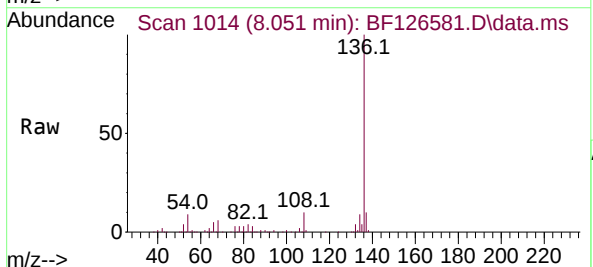
Instrument :
BNA_F
ClientSampleId :
SB-04

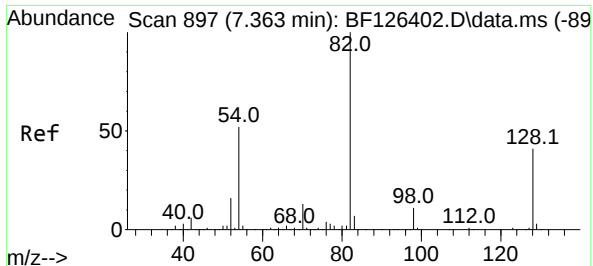
Tgt Ion: 99	Resp: 57222
Ion Ratio	Lower Upper
99 100	
42 15.0	14.2 21.4
71 27.4	24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

Tgt Ion: 136	Resp: 319307
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 13.0
54 9.0	7.8 11.6
68 6.4	6.3 9.5





#23

Nitrobenzene-d5

Concen: 5.121 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF126581.D

Acq: 10 Jan 2022 21:54

Instrument :

BNA_F

ClientSampleId :

SB-04

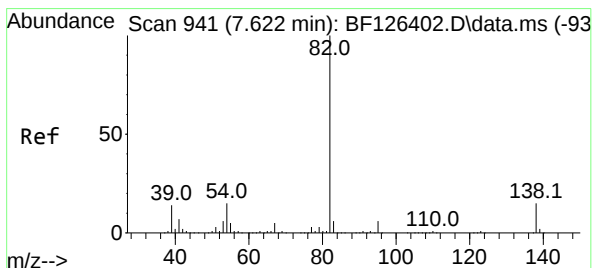
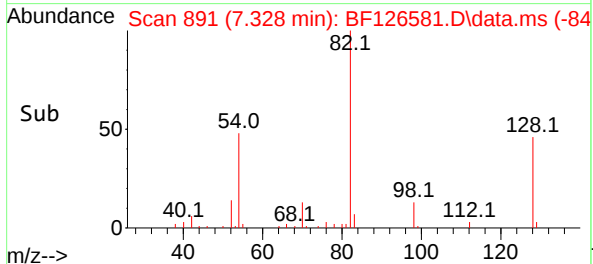
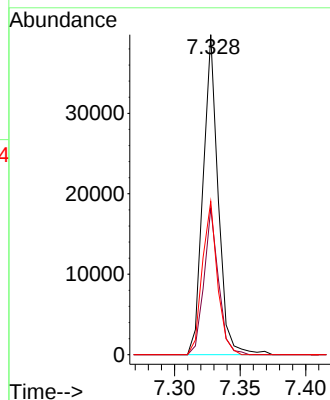
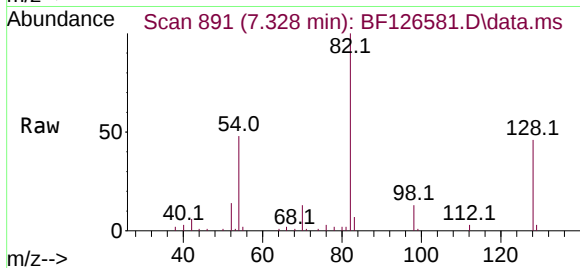
Tgt Ion: 82 Resp: 31847

Ion Ratio Lower Upper

82 100

128 45.8 32.7 49.1

54 47.9 41.7 62.5



#25

Isophorone

Concen: 2.861 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.271 min

Lab File: BF126581.D

Acq: 10 Jan 2022 21:54

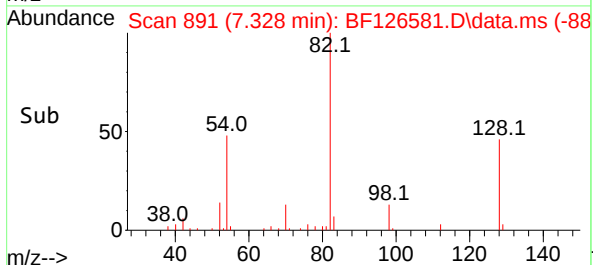
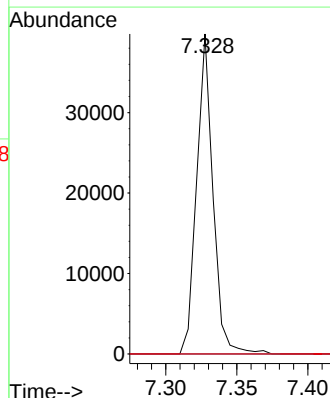
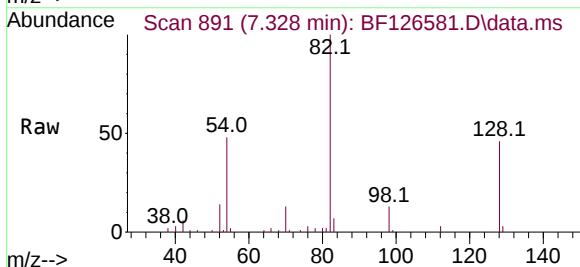
Tgt Ion: 82 Resp: 31846

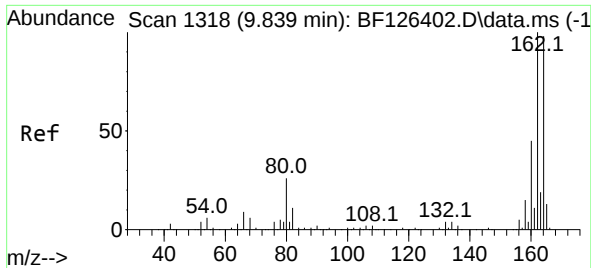
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126581.D

Acq: 10 Jan 2022 21:54

Instrument :

BNA_F

ClientSampleId :

SB-04

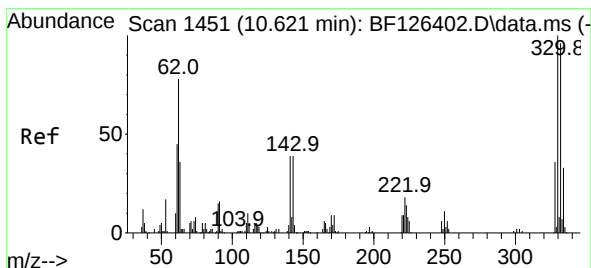
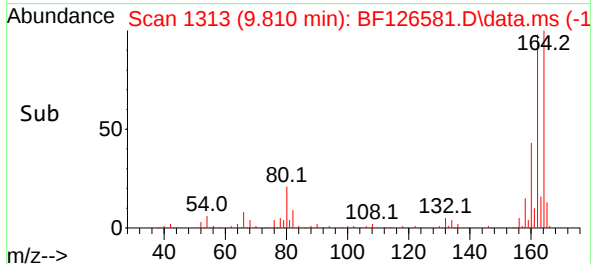
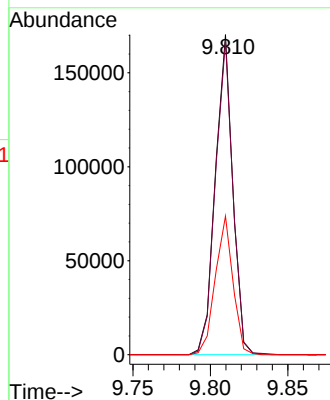
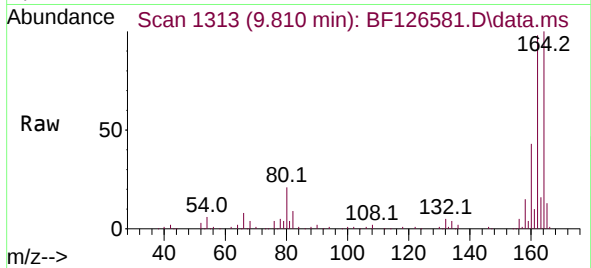
Tgt Ion:164 Resp: 132937

Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.0

160 43.3 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 8.358 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF126581.D

Acq: 10 Jan 2022 21:54

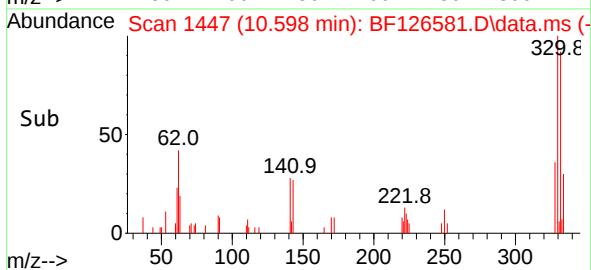
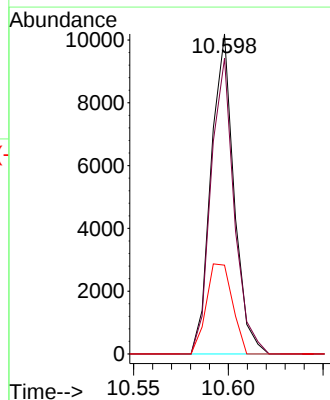
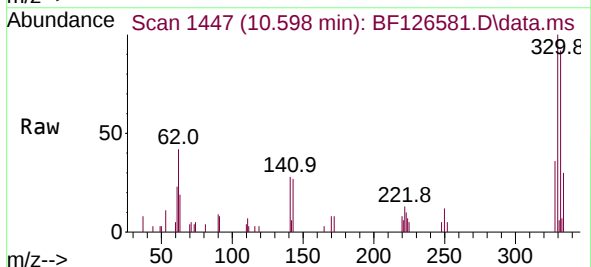
Tgt Ion:330 Resp: 8586

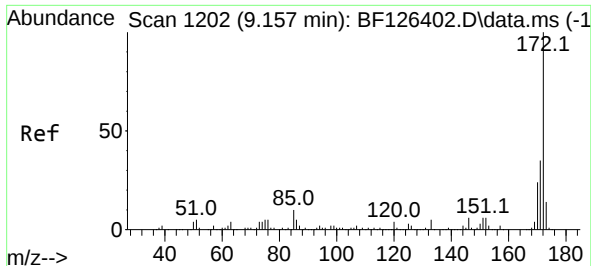
Ion Ratio Lower Upper

330 100

332 93.4 76.0 114.0

141 31.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 6.691 ng

RT: 9.127 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF126581.D

Acq: 10 Jan 2022 21:54

Instrument :

BNA_F

ClientSampleId :

SB-04

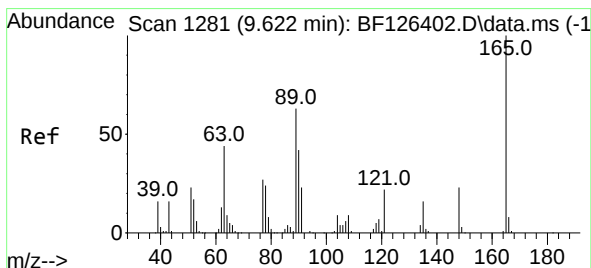
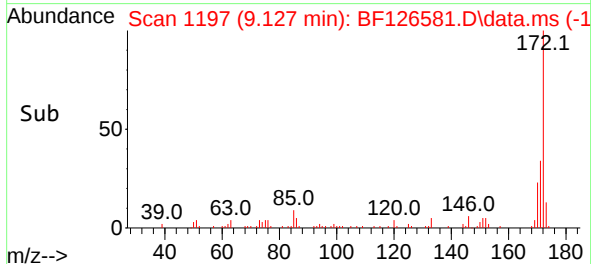
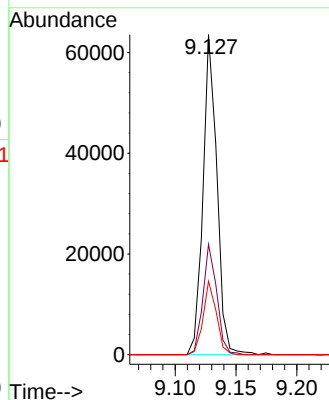
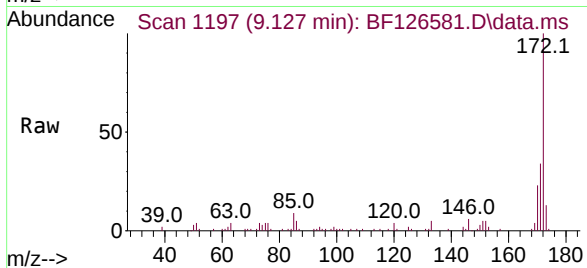
Tgt Ion:172 Resp: 50544

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.620 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.212 min

Lab File: BF126581.D

Acq: 10 Jan 2022 21:54

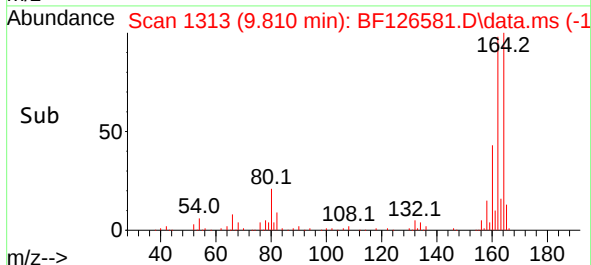
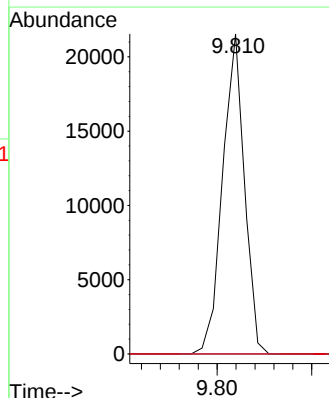
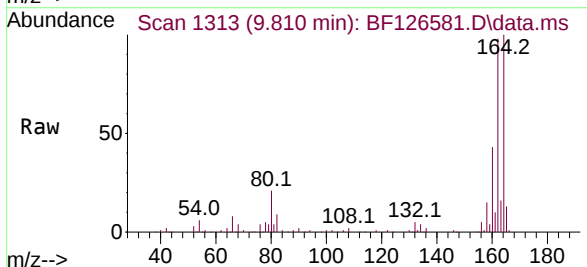
Tgt Ion:165 Resp: 17241

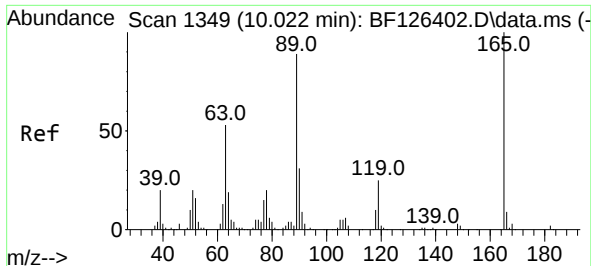
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 0.0 50.5 75.7#

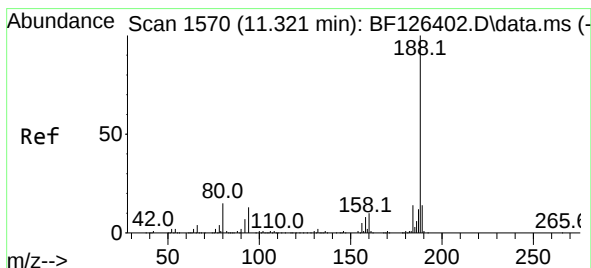
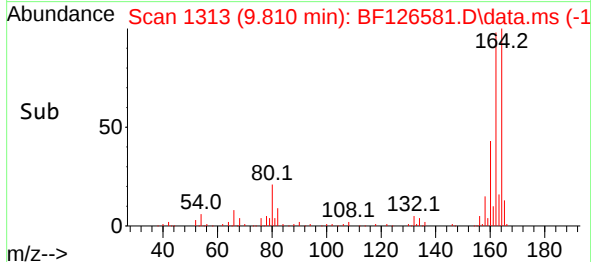
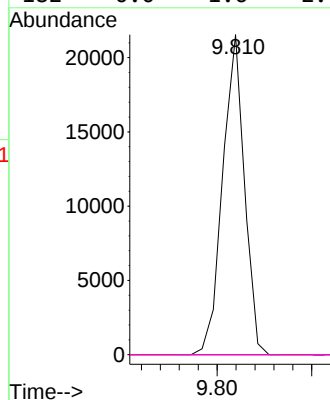
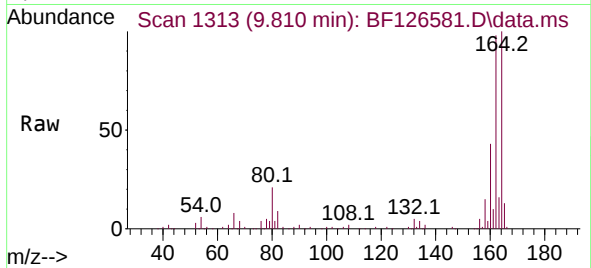




#57
2,4-Dinitrotoluene
Concen: 7.456 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

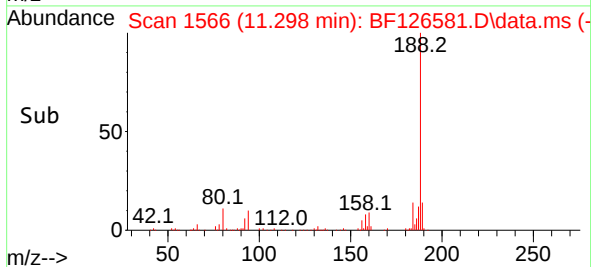
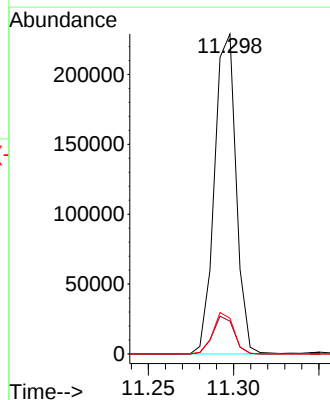
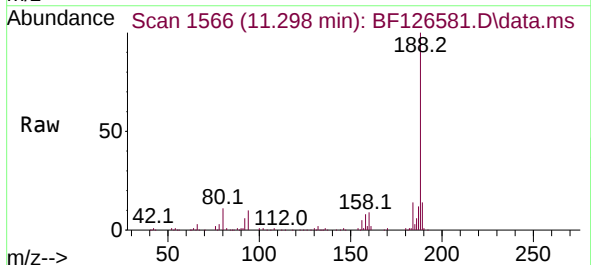
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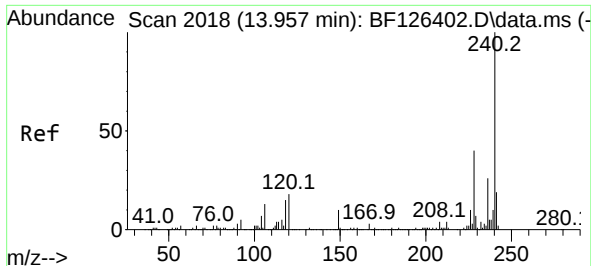
Tgt Ion:165 Resp: 17241
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

Tgt Ion:188 Resp: 202609
Ion Ratio Lower Upper
188 100
94 10.3 10.1 15.1
80 11.1 11.8 17.6#

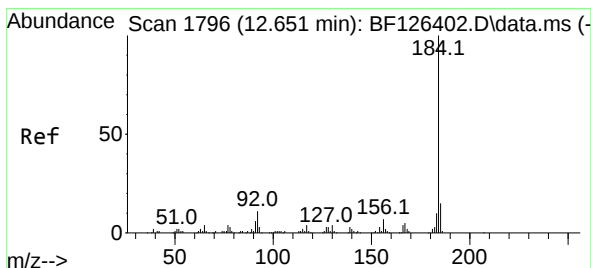
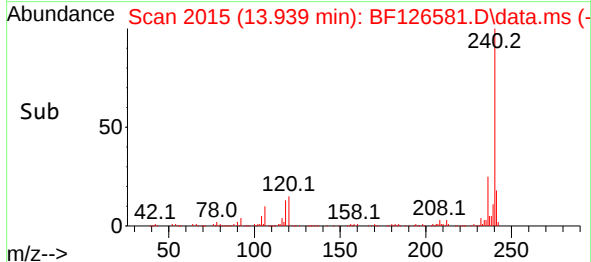
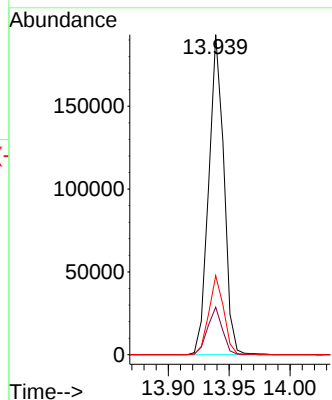
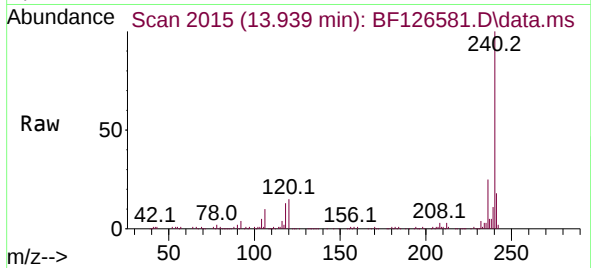




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

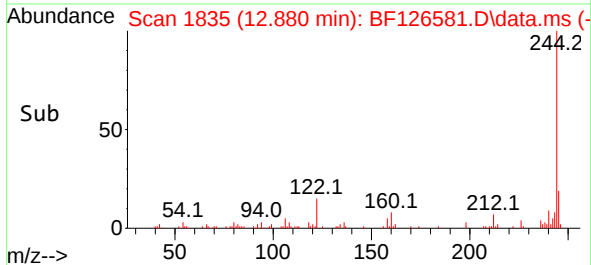
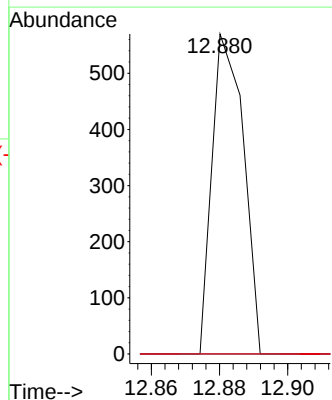
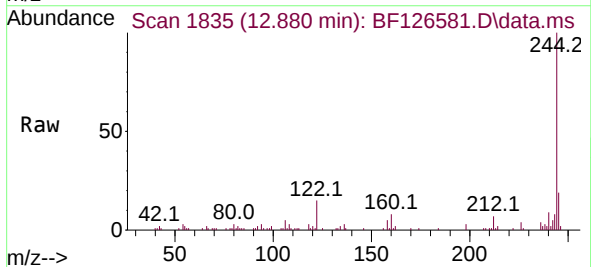
Instrument :
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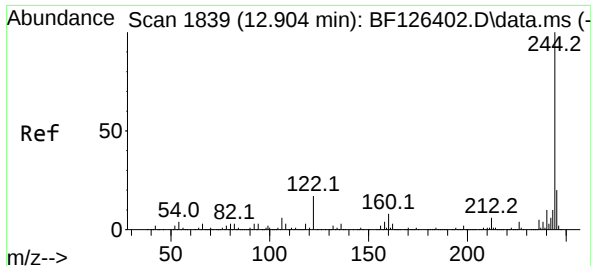
Tgt Ion:240 Resp: 167339
Ion Ratio Lower Upper
240 100
120 14.8 14.4 21.6
236 24.7 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF126581.D
Acq: 10 Jan 2022 21:54

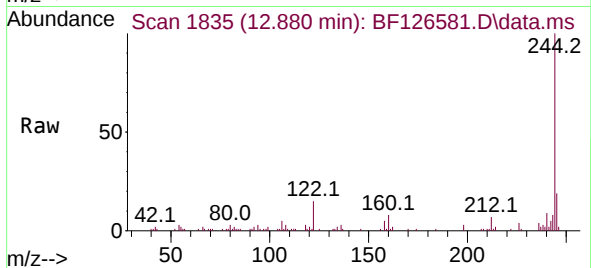
Tgt Ion:184 Resp: 364
Ion Ratio Lower Upper
184 100
185 0.0 11.8 17.8#
183 0.0 8.2 12.2#



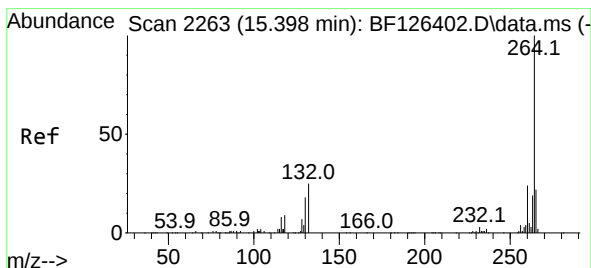
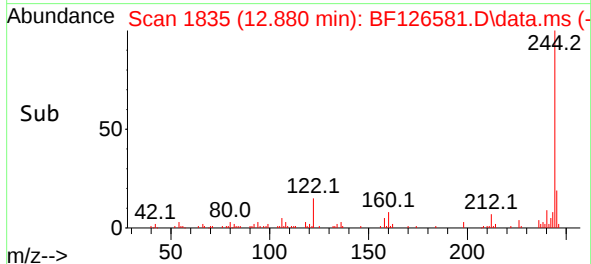
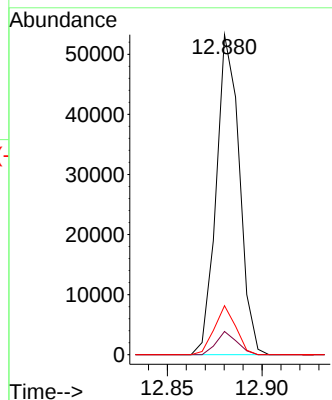


#79
 Terphenyl-d14
 Concen: 5.246 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF126581.D
 Acq: 10 Jan 2022 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-04



Tgt Ion:244 Resp: 45182
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 15.3 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF126581.D
 Acq: 10 Jan 2022 21:54

Tgt Ion:264 Resp: 126209
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.6 17.4 26.2

