

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140565.D
 Acq On : 22 Nov 2024 09:46
 Operator : RC/JU
 Sample : PB165129BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165129BL

Quant Time: Nov 22 10:52:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

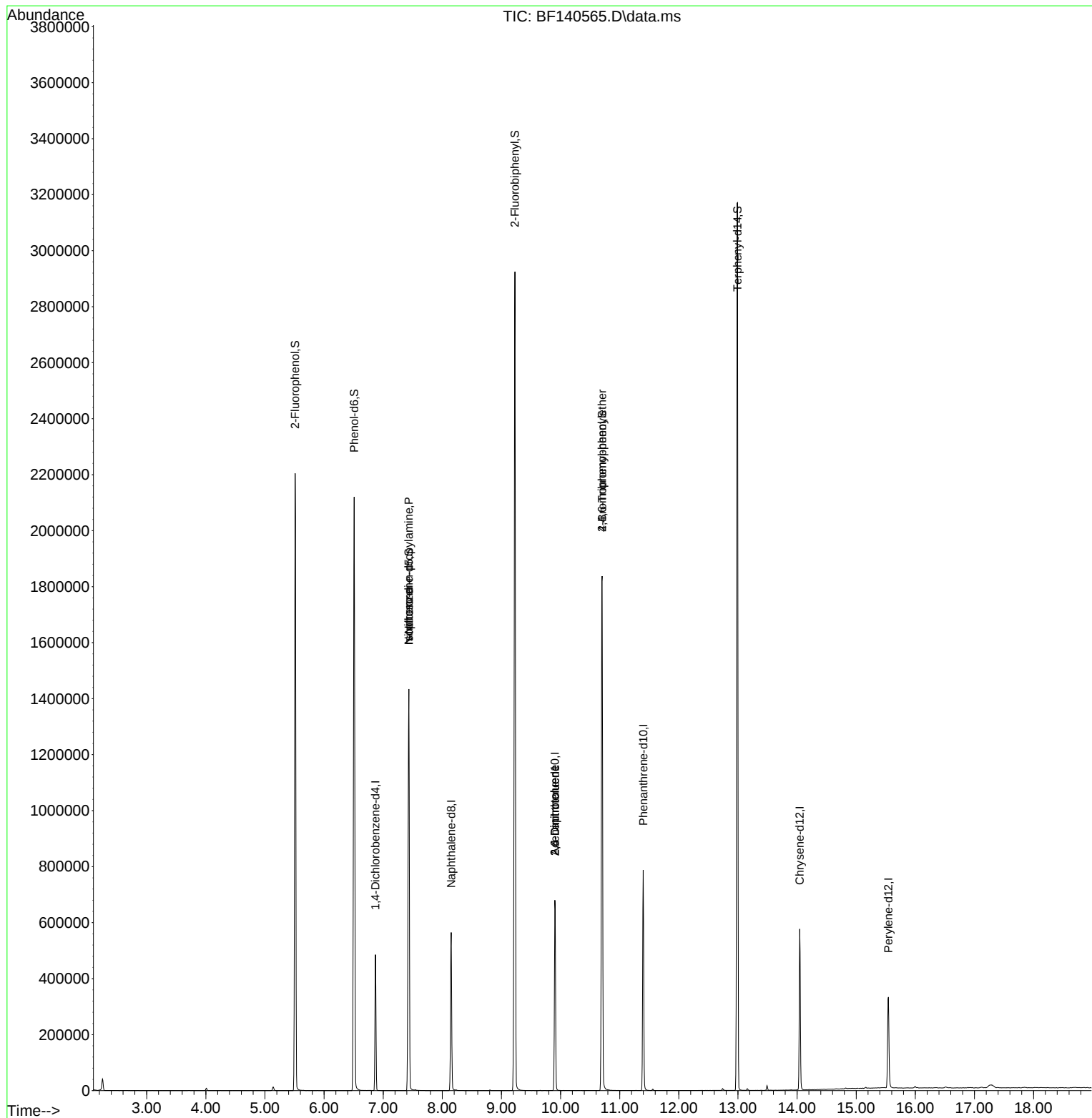
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	101281	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	382231	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	221417	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	431432	20.000	ng	0.00
76) Chrysene-d12	14.045	240	281525	20.000	ng	0.00
86) Perylene-d12	15.545	264	210949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	850387	143.259	ng	0.01
7) Phenol-d6	6.510	99	1102646	140.508	ng	0.00
23) Nitrobenzene-d5	7.434	82	734960	98.353	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	349202	147.463	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1432294	96.381	ng	0.00
79) Terphenyl-d14	12.992	244	1684688	93.181	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	99690	21.495	ng	# 75
25) Isophorone	7.434	82	725740	58.227	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	28421	8.594	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	28421	6.466	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	22389	5.039	ng	# 1

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

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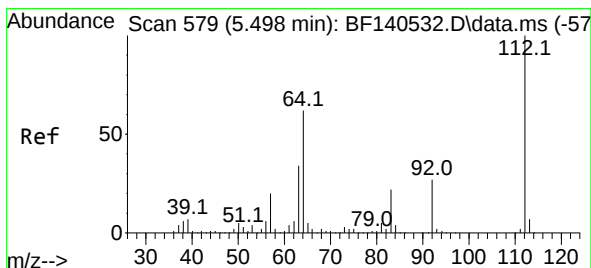
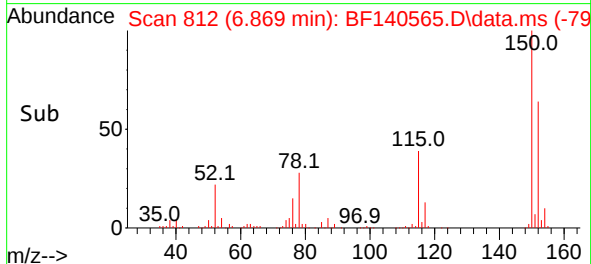
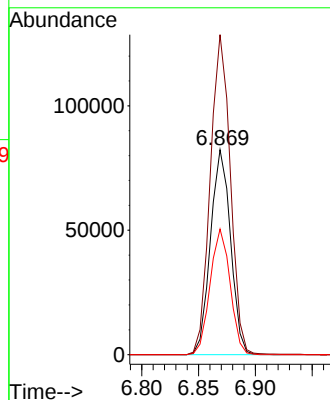
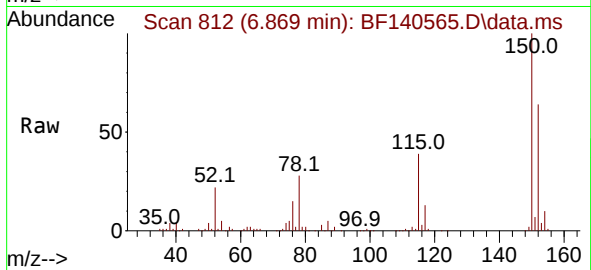




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

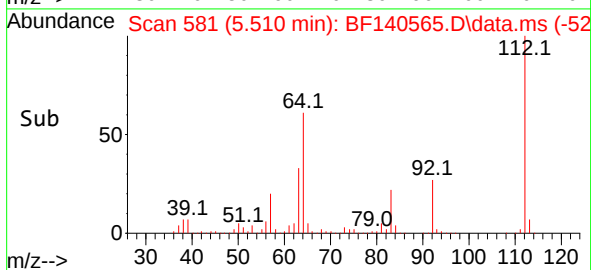
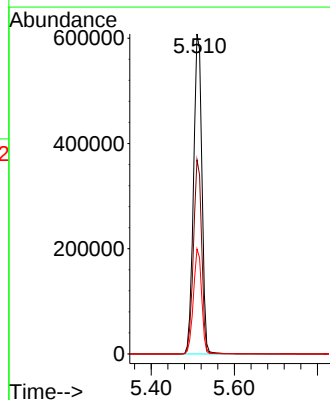
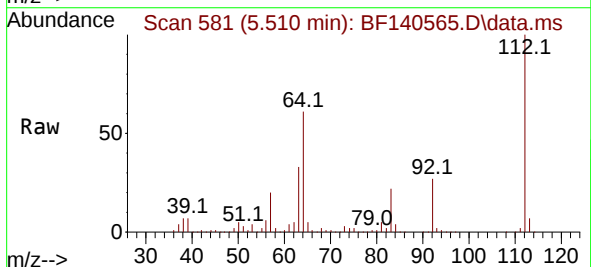
Instrument :
BNA_F
ClientSampleId :
PB165129BL

Tgt Ion:152 Resp: 101281
Ion Ratio Lower Upper
152 100
150 156.1 128.5 192.7
115 61.3 50.2 75.4



#5
2-Fluorophenol
Concen: 143.259 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

Tgt Ion:112 Resp: 850387
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 32.8 27.0 40.4

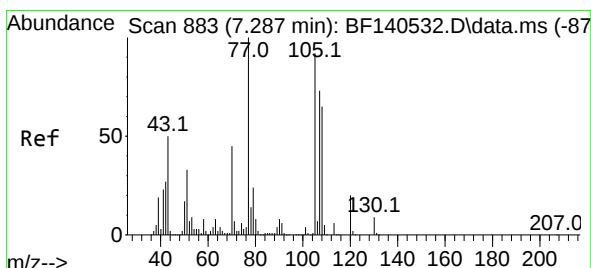
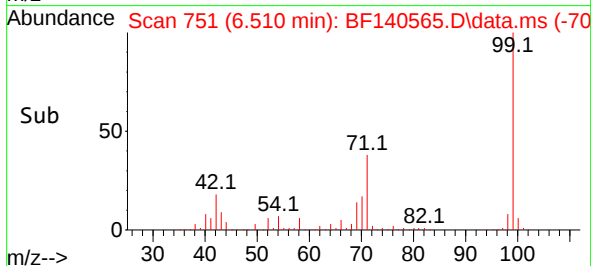
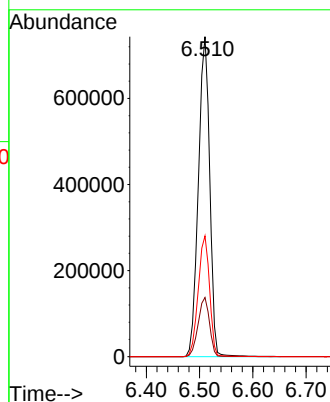
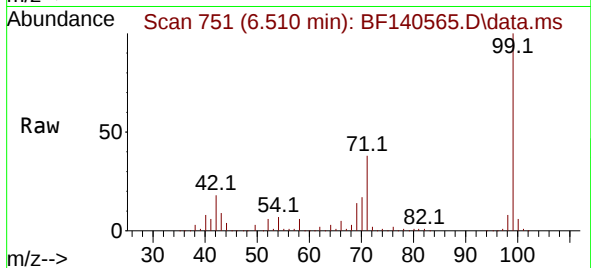




#7
Phenol-d6
Concen: 140.508 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

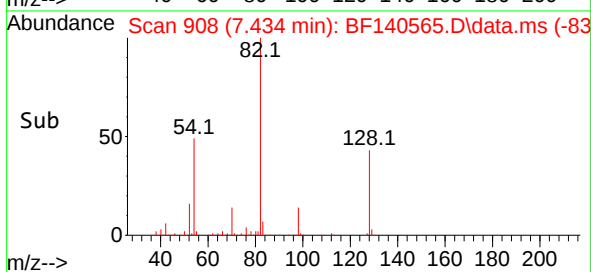
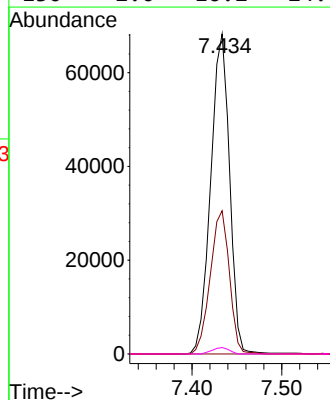
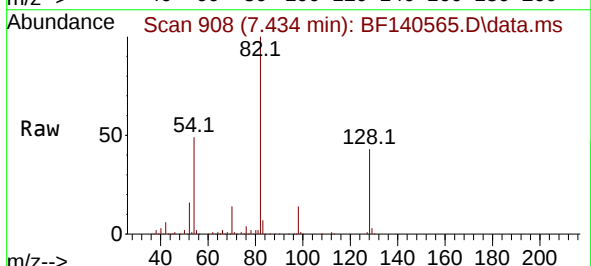
Instrument :
BNA_F
ClientSampleId :
PB165129BL

Tgt Ion: 99 Resp: 1102646
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.495 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

Tgt Ion: 70 Resp: 99690
Ion Ratio Lower Upper
70 100
42 44.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#



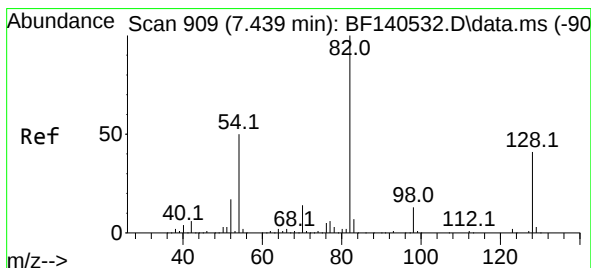
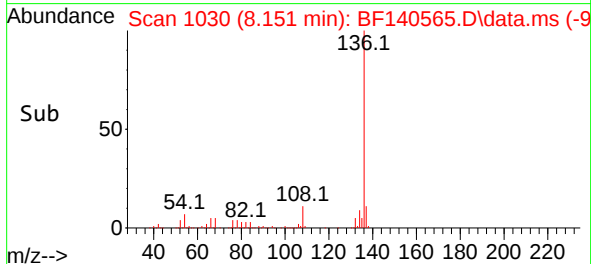
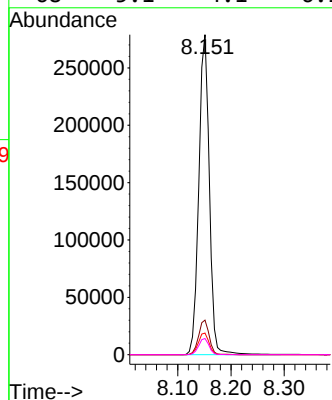
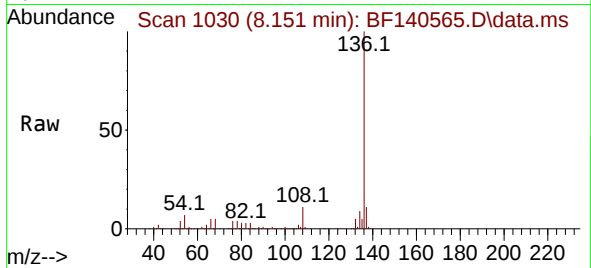


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

Instrument :
BNA_F
ClientSampleId :
PB165129BL

Tgt Ion:136 Resp: 382231

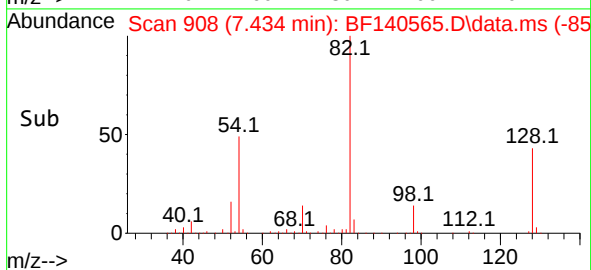
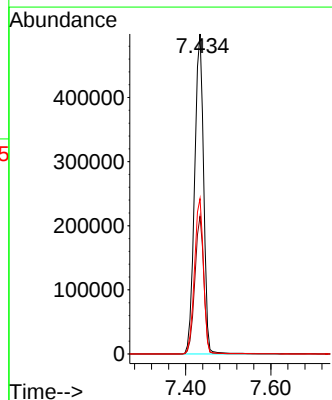
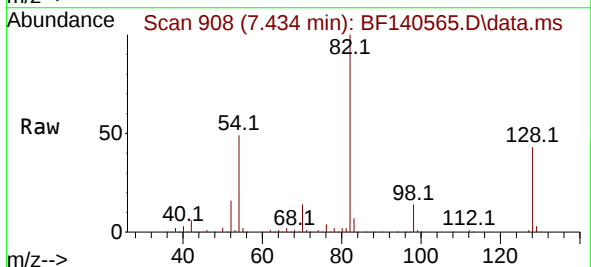
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 98.353 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

Tgt Ion: 82 Resp: 734960

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	48.6	39.5	59.3

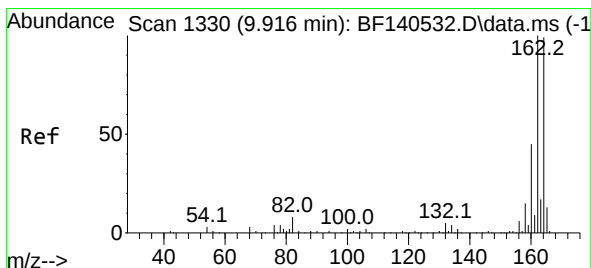
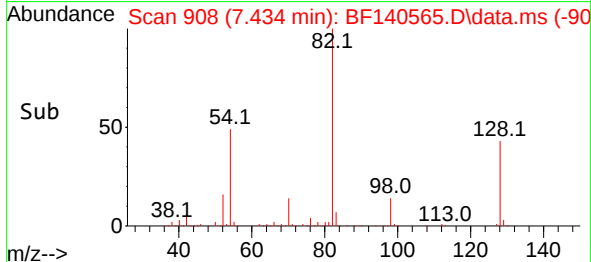
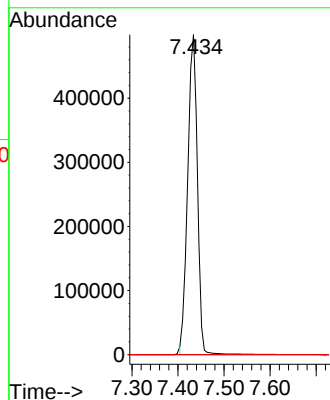
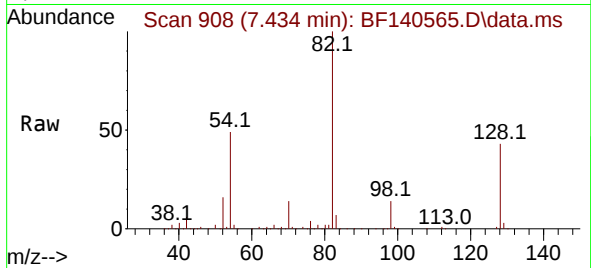




#25
Isophorone
Concen: 58.227 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

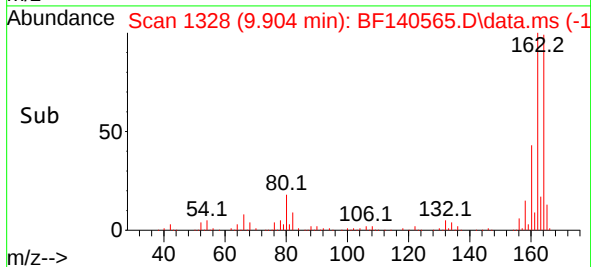
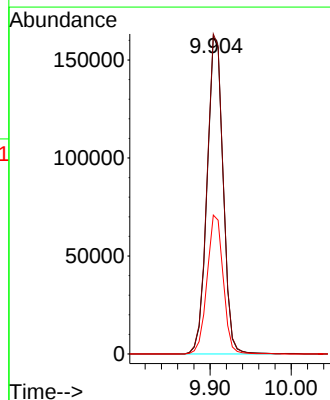
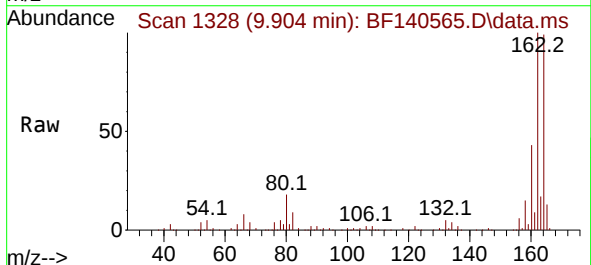
Instrument :
BNA_F
ClientSampleId :
PB165129BL

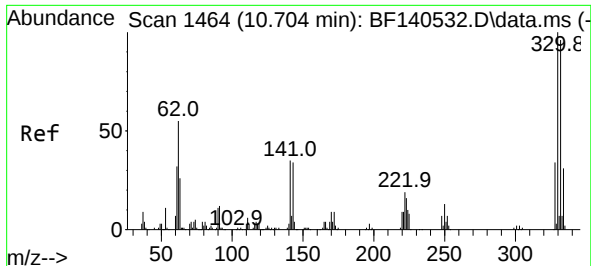
Tgt Ion: 82 Resp: 725740
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140565.D
Acq: 22 Nov 2024 09:46

Tgt Ion:164 Resp: 221417
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 147.463 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140565.D

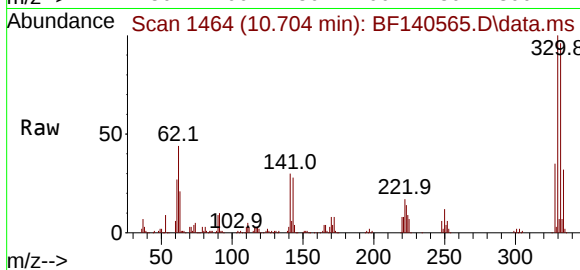
Acq: 22 Nov 2024 09:46

Instrument :

BNA_F

ClientSampleId :

PB165129BL



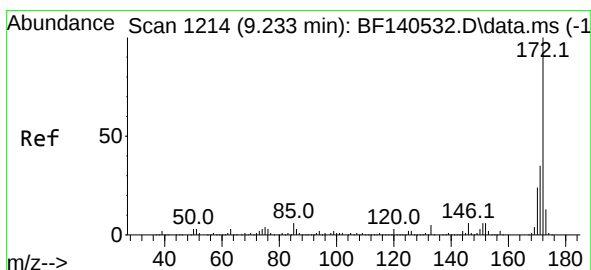
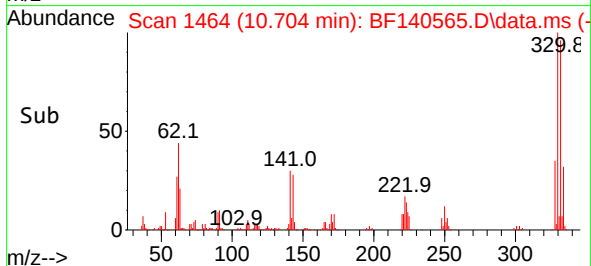
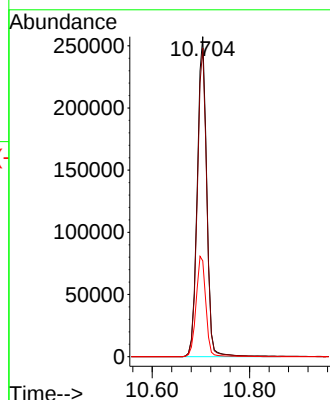
Tgt Ion:330 Resp: 349202

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 32.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 96.381 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

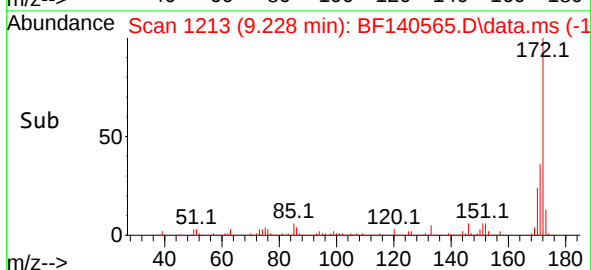
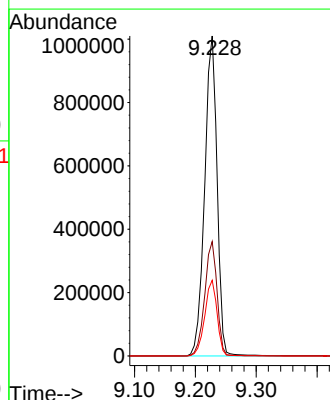
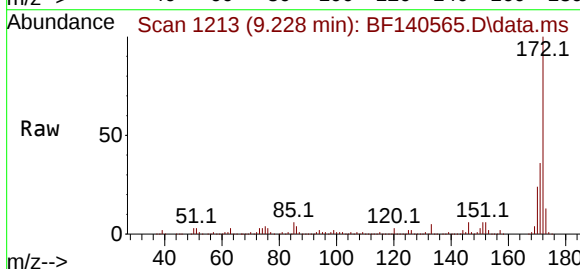
Tgt Ion:172 Resp: 1432294

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.594 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

Instrument :

BNA_F

ClientSampleId :

PB165129BL

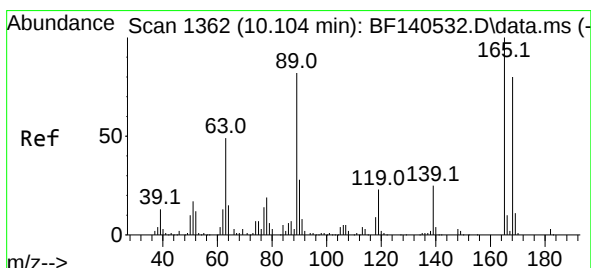
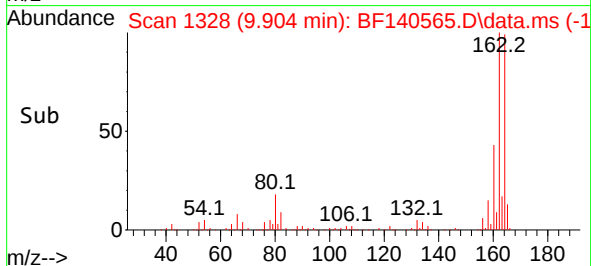
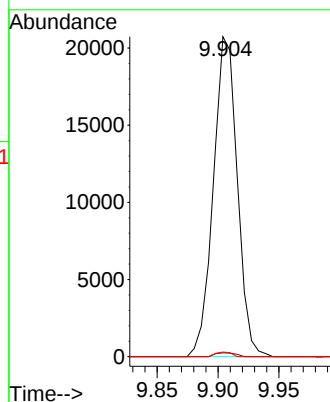
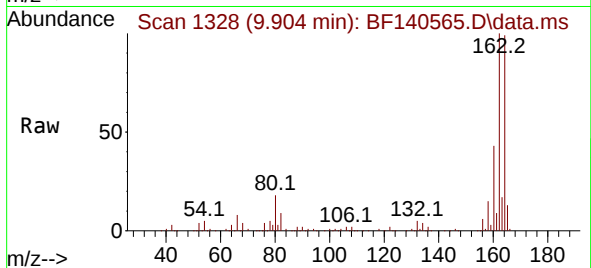
Tgt Ion:165 Resp: 28421

Ion Ratio Lower Upper

165 100

63 1.2 49.9 74.9#

89 1.5 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.466 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

Tgt Ion:165 Resp: 28421

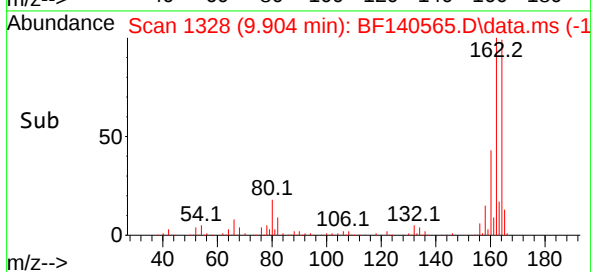
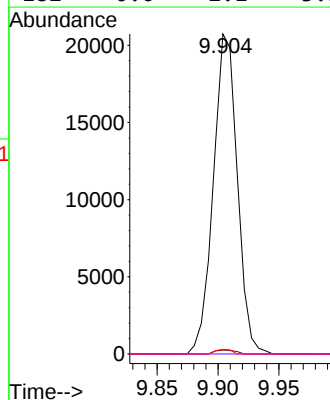
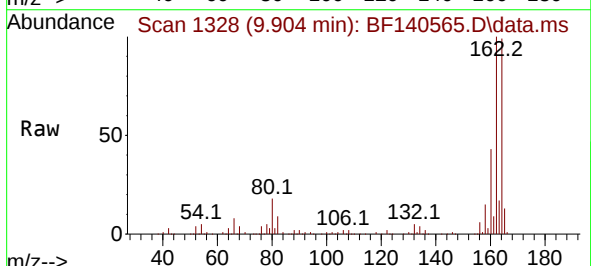
Ion Ratio Lower Upper

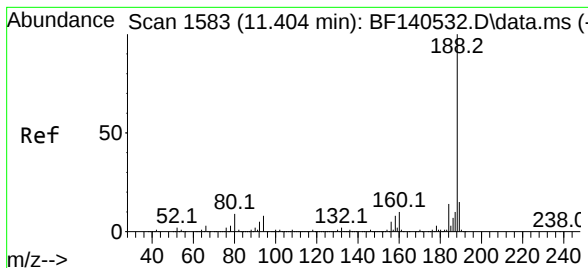
165 100

63 1.2 41.7 62.5#

89 1.5 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

Instrument :

BNA_F

ClientSampleId :

PB165129BL

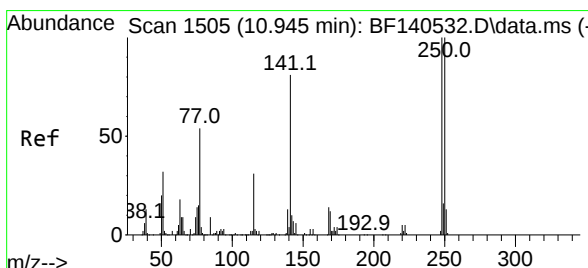
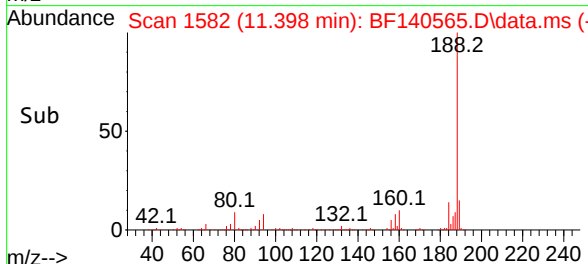
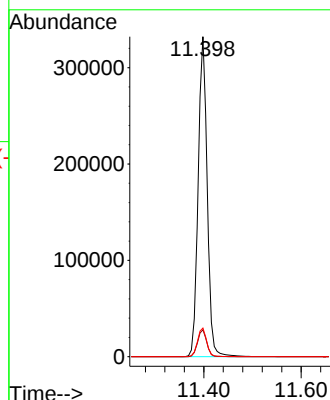
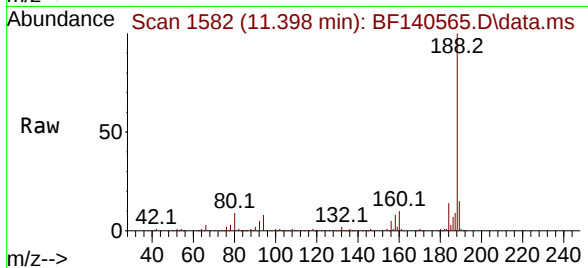
Tgt Ion:188 Resp: 431432

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.039 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

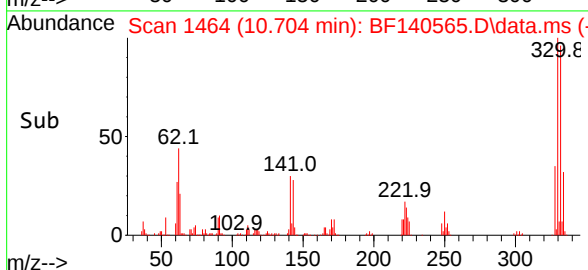
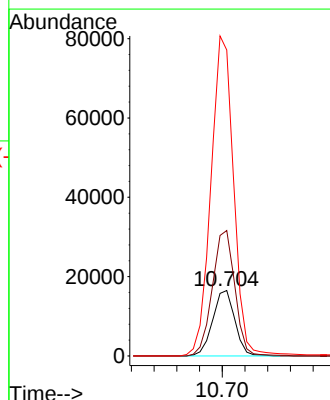
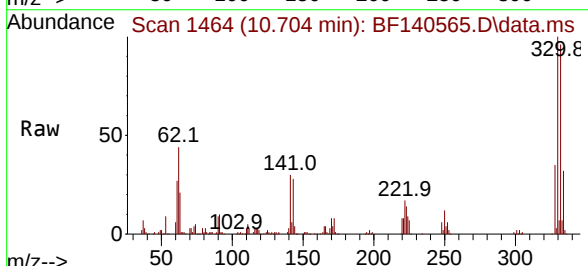
Tgt Ion:248 Resp: 22389

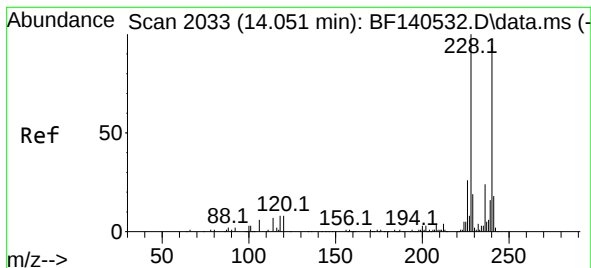
Ion Ratio Lower Upper

248 100

250 191.5 79.8 119.8#

141 467.0 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

Instrument :

BNA_F

ClientSampleId :

PB165129BL

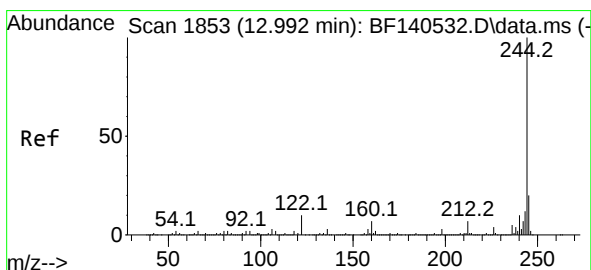
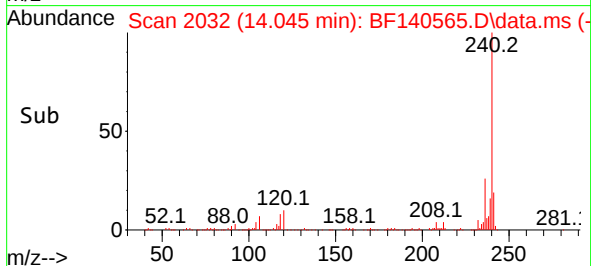
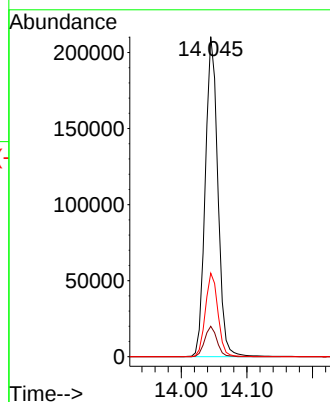
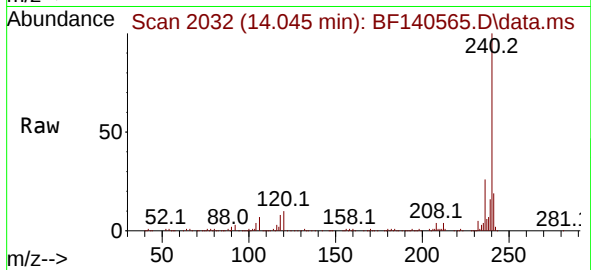
Tgt Ion:240 Resp: 281525

Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 93.181 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140565.D

Acq: 22 Nov 2024 09:46

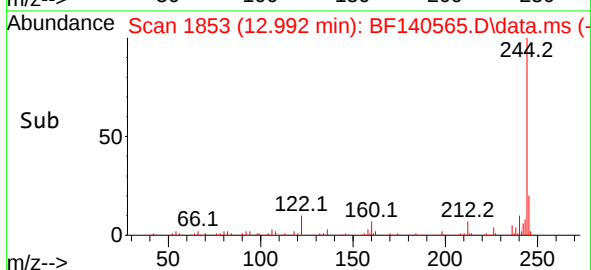
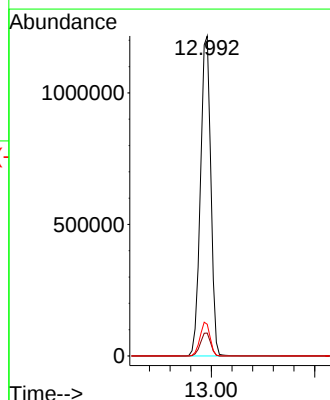
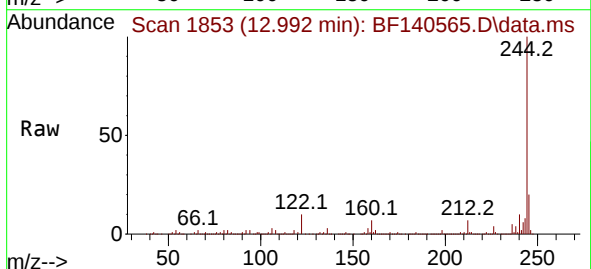
Tgt Ion:244 Resp: 1684688

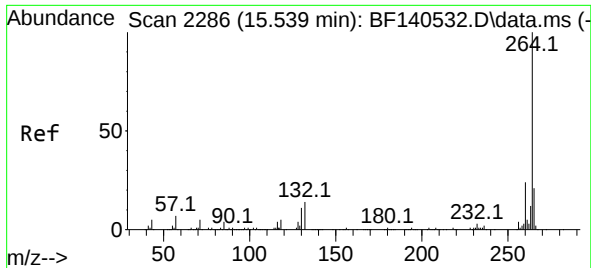
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.9 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140565.D
 Acq: 22 Nov 2024 09:46

Instrument :
 BNA_F
 ClientSampleId :
 PB165129BL

Tgt Ion:264 Resp: 210949
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.1 16.6 25.0

