

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140682.D
 Acq On : 02 Dec 2024 10:57
 Operator : RC/JU
 Sample : PB165296BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165296BL

Quant Time: Dec 02 11:18:31 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)

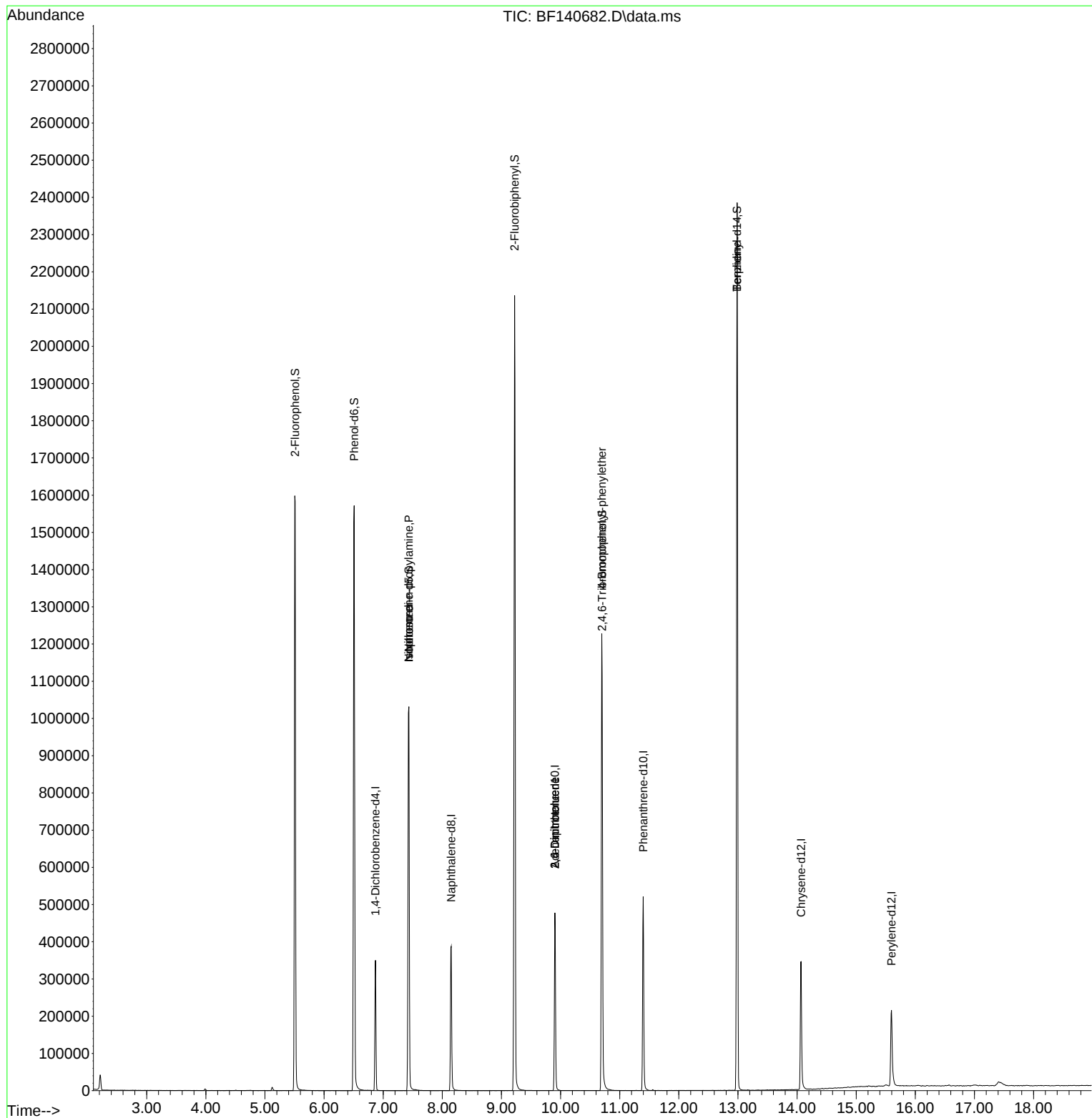
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73230	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	279727	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	158263	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307927	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198812	20.000	ng	0.02
86) Perylene-d12	15.598	264	157266	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	624934	145.605	ng	0.01
7) Phenol-d6	6.510	99	801347	141.229	ng	0.00
23) Nitrobenzene-d5	7.434	82	516728	94.488	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	230564	136.216	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1020212	96.046	ng	-0.01
79) Terphenyl-d14	12.986	244	1209487	94.729	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	69407	20.698	ng	# 75
25) Isophorone	7.434	82	506498	55.528	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	19696	8.332	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	19696	6.269	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	14278	4.502	ng	# 1
77) Benzidine	12.986	184	16816	2.909	ng	# 93

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

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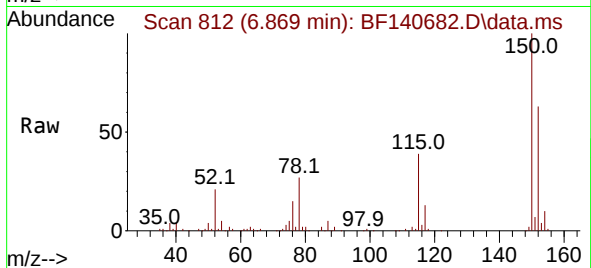
Quant Time: Dec 02 11:18:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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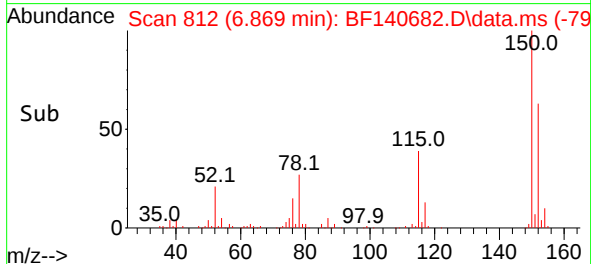
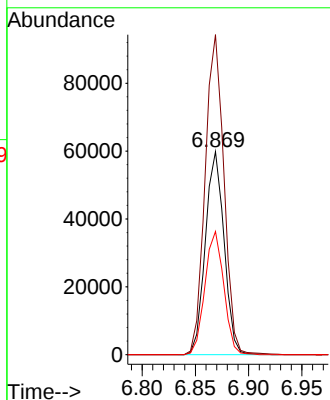


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165296BL

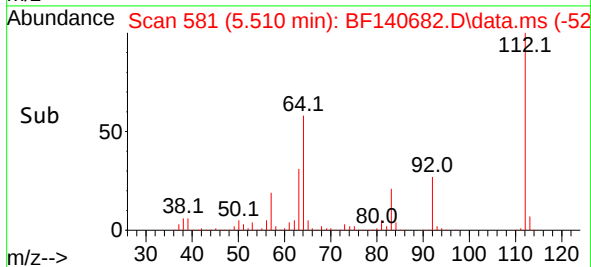
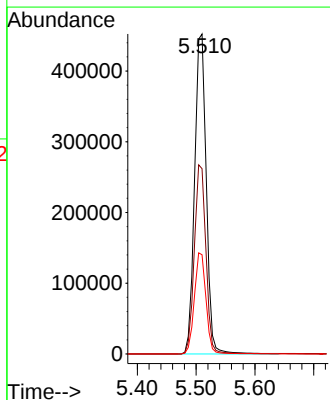
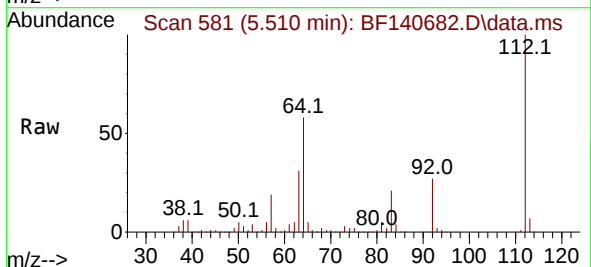


Tgt Ion:152 Resp: 73230
Ion Ratio Lower Upper
152 100
150 157.5 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 145.605 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:112 Resp: 624934
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.0 27.0 40.4

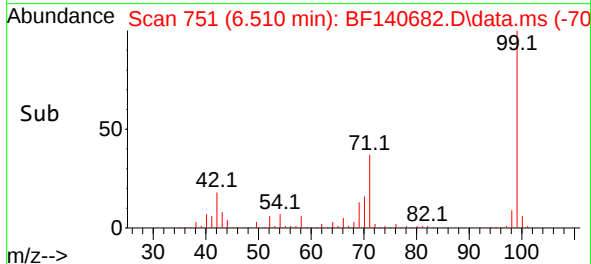
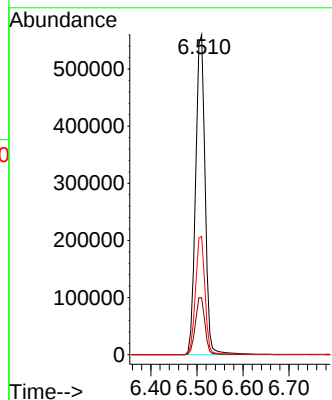
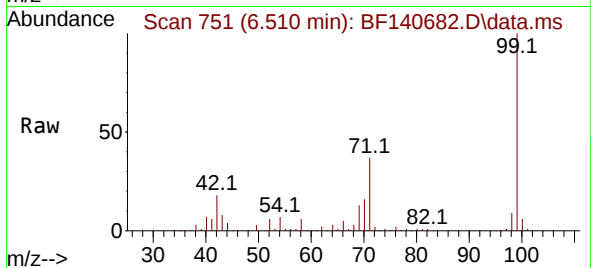




#7
Phenol-d6
Concen: 141.229 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

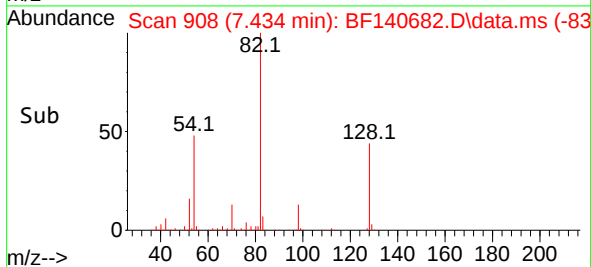
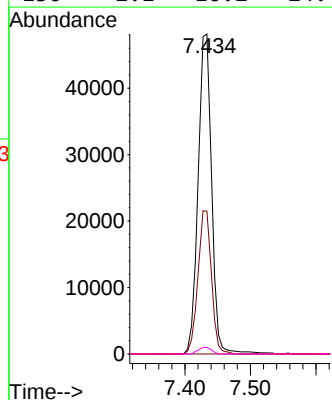
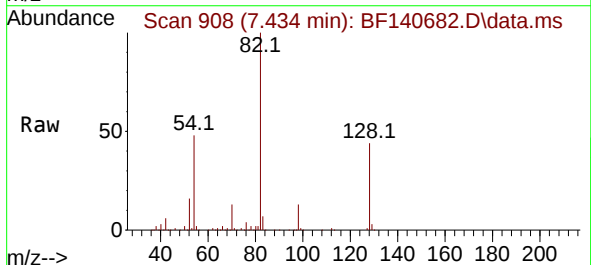
Instrument :
BNA_F
ClientSampleId :
PB165296BL

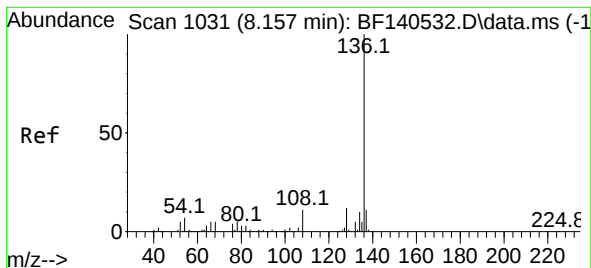
Tgt Ion: 99 Resp: 801347
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 37.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.698 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion: 70 Resp: 69407
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140682.D

Acq: 02 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165296BL

Tgt Ion:136 Resp: 279727

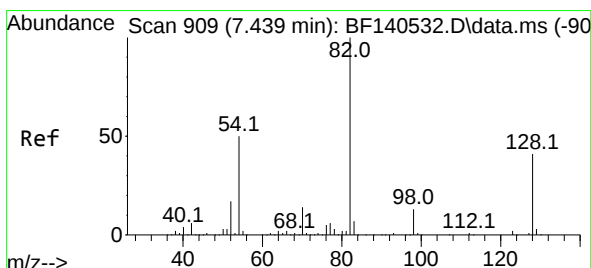
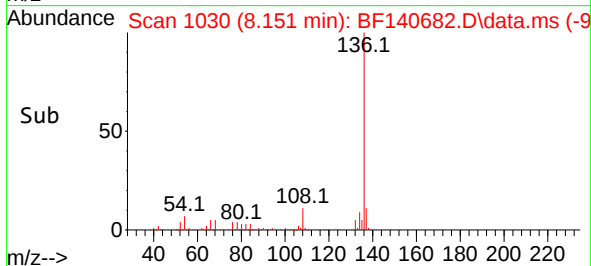
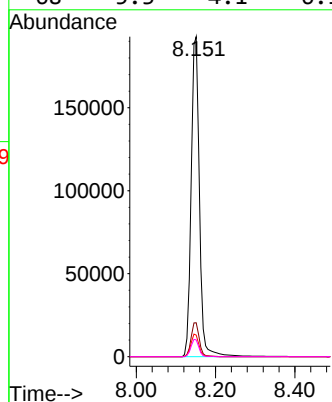
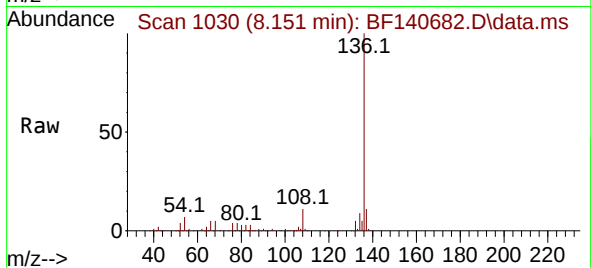
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.8 5.8 8.8

68 5.3 4.1 6.1



#23

Nitrobenzene-d5

Concen: 94.488 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140682.D

Acq: 02 Dec 2024 10:57

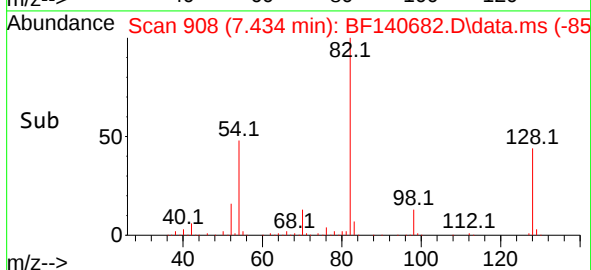
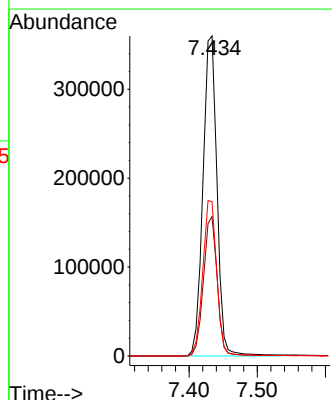
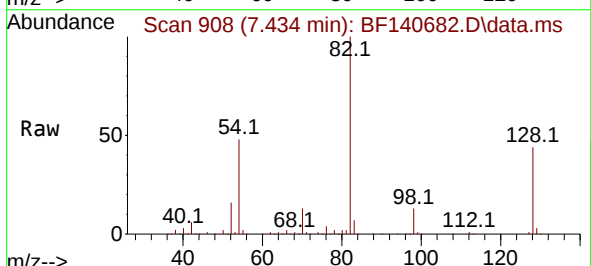
Tgt Ion: 82 Resp: 516728

Ion Ratio Lower Upper

82 100

128 43.6 33.0 49.4

54 48.2 39.5 59.3

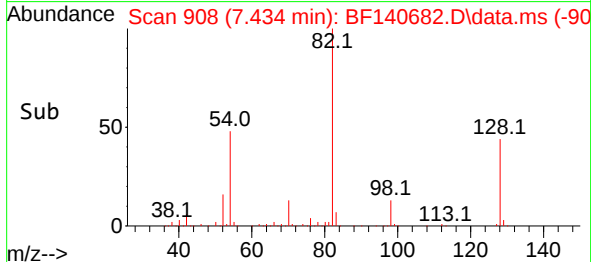
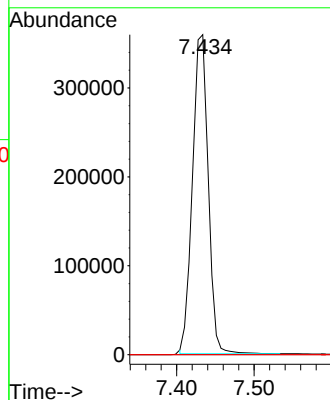
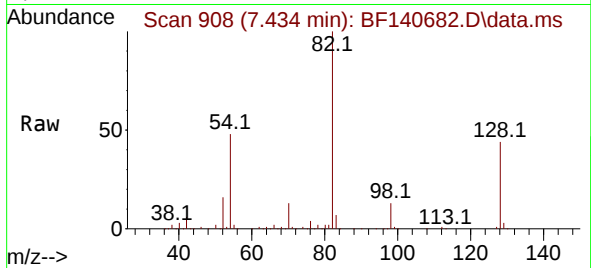




#25
Isophorone
Concen: 55.528 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

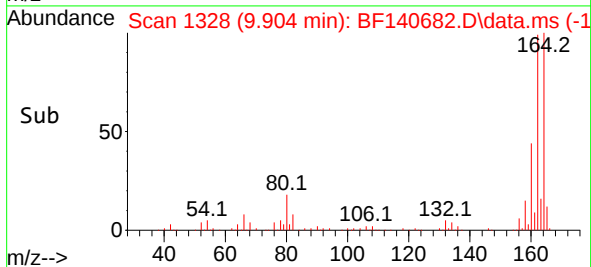
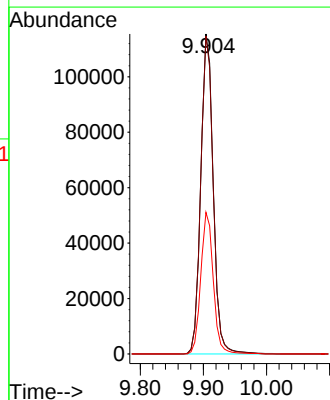
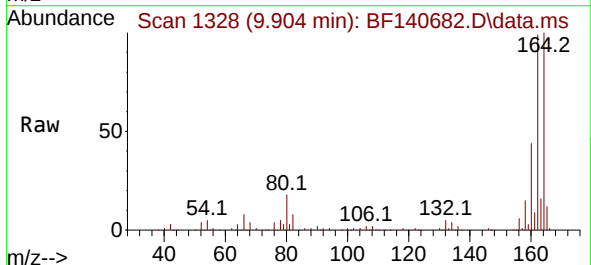
Instrument :
BNA_F
ClientSampleId :
PB165296BL

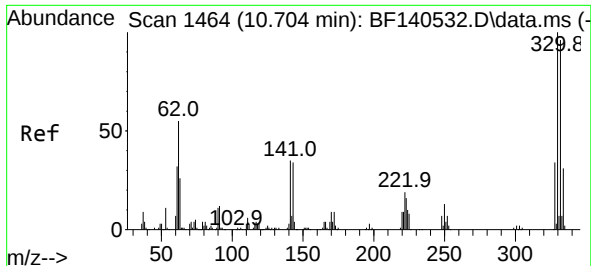
Tgt Ion: 82 Resp: 506498
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion: 164 Resp: 158263
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 136.216 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140682.D

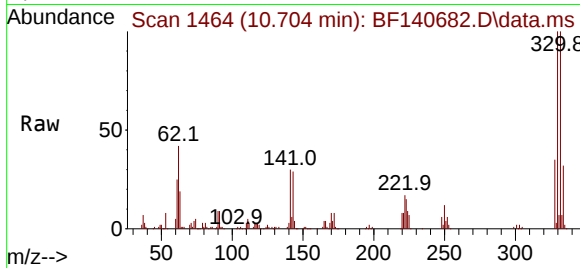
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Instrument :

BNA_F

ClientSampleId :

PB165296BL



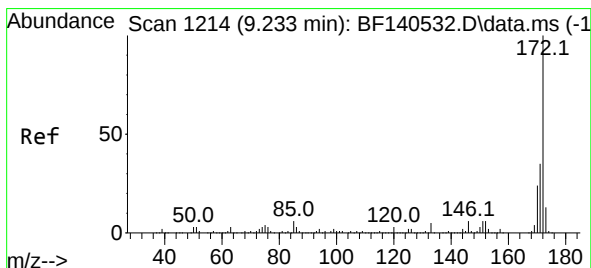
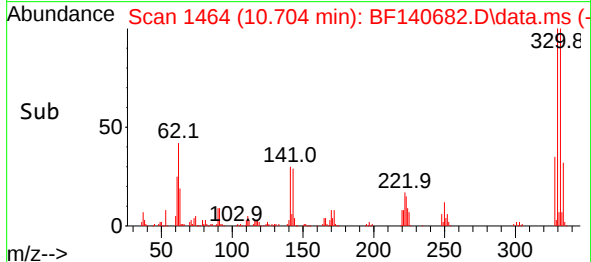
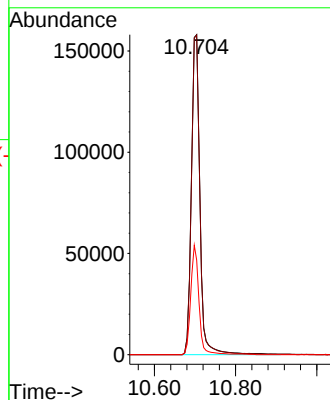
Tgt Ion:330 Resp: 230564

Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

141 33.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 96.046 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140682.D

Acq: 02 Dec 2024 10:57

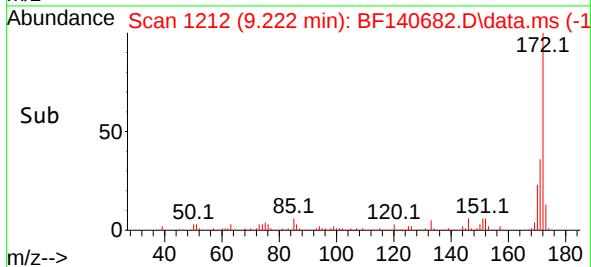
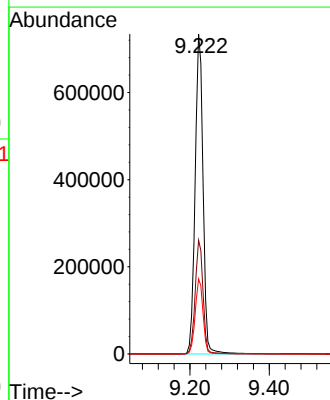
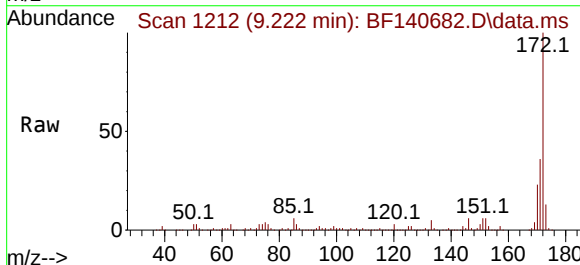
Tgt Ion:172 Resp: 1020212

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 19.0 28.6

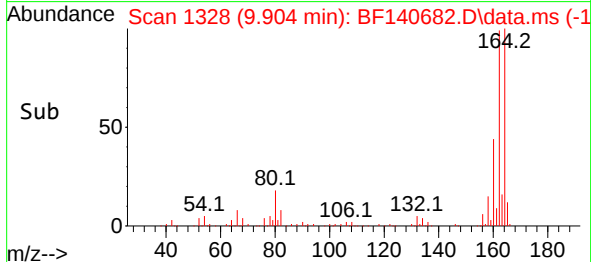
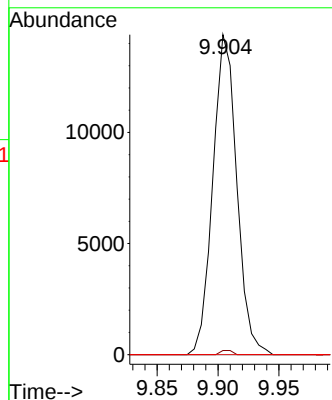
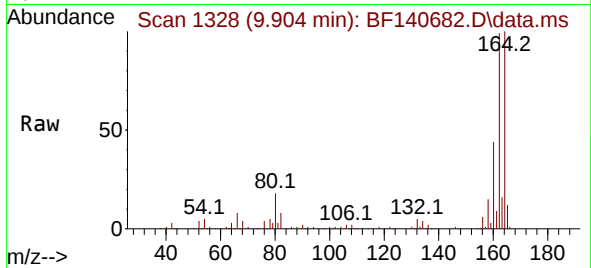




#51
2,6-Dinitrotoluene
Concen: 8.332 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

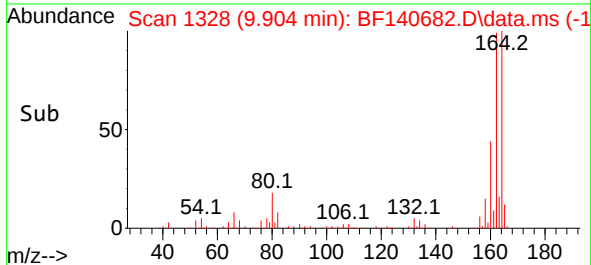
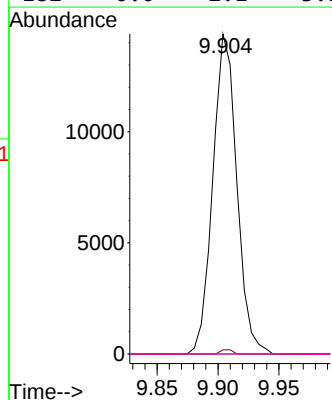
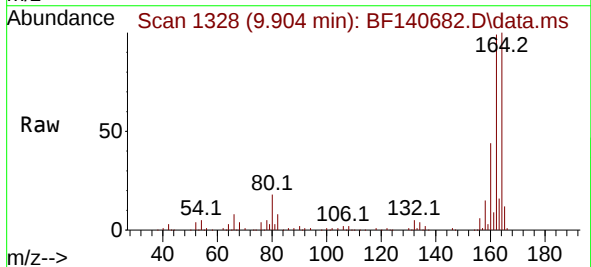
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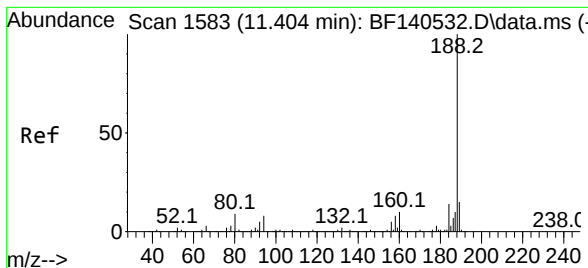
Tgt Ion:165 Resp: 19696
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:165 Resp: 19696
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#

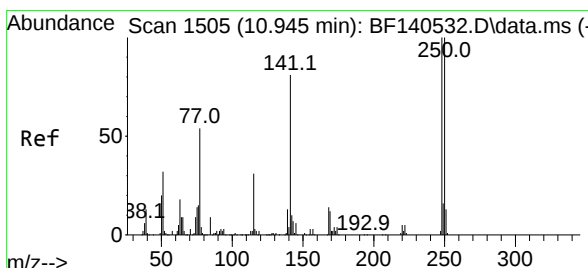
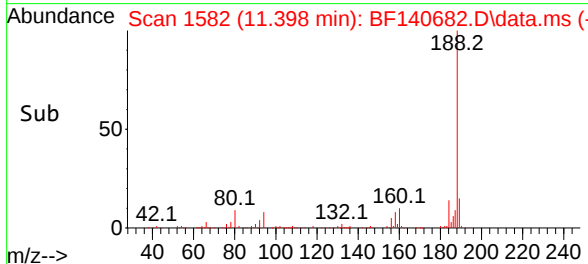
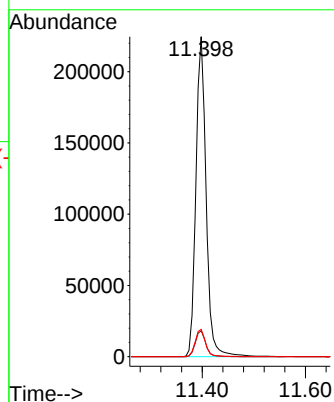
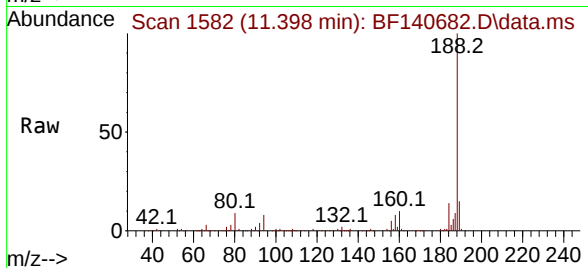




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

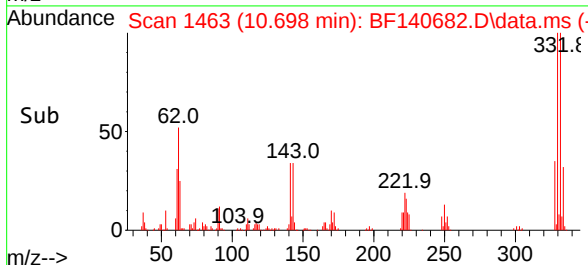
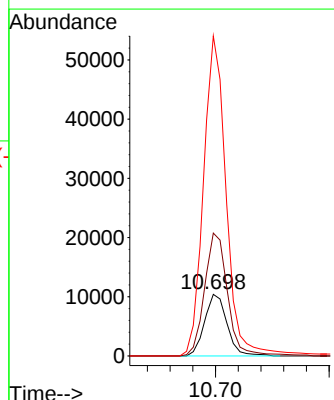
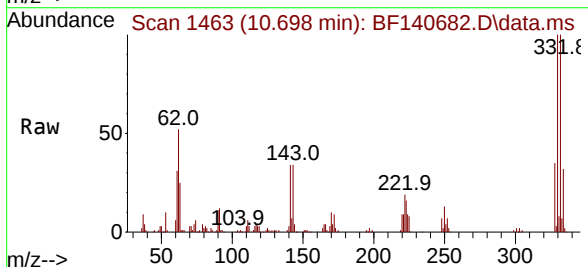
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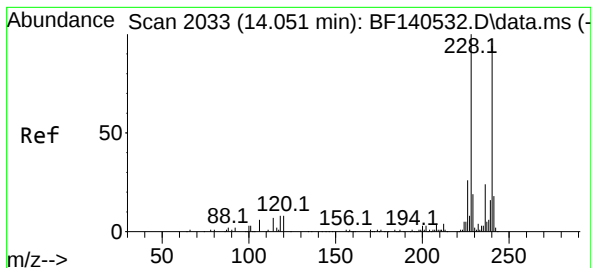
Tgt Ion:188 Resp: 307927
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.5 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.502 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:248 Resp: 14278
Ion Ratio Lower Upper
248 100
250 199.4 79.8 119.8#
141 519.3 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140682.D

Acq: 02 Dec 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB165296BL

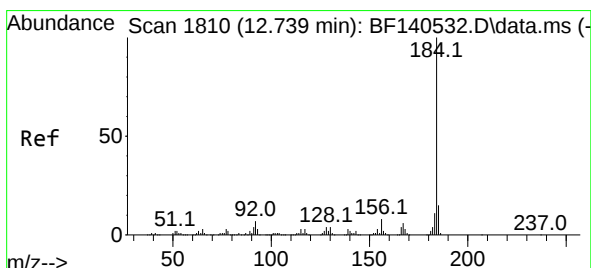
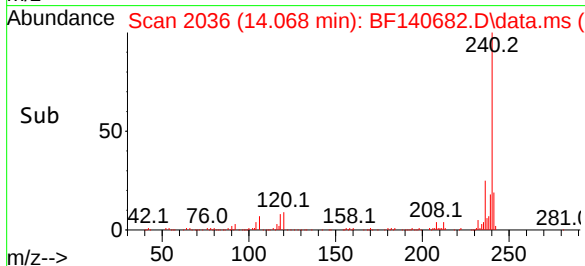
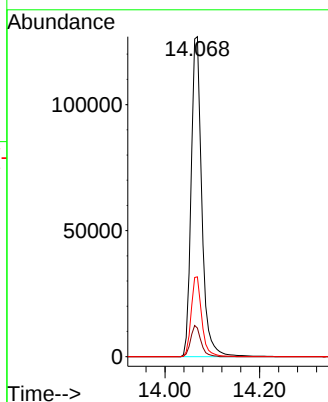
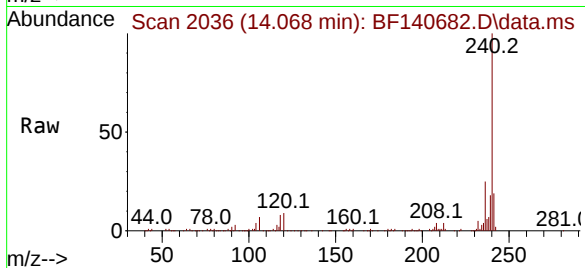
Tgt Ion:240 Resp: 198812

Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 24.9 20.6 31.0



#77

Benzidine

Concen: 2.909 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140682.D

Acq: 02 Dec 2024 10:57

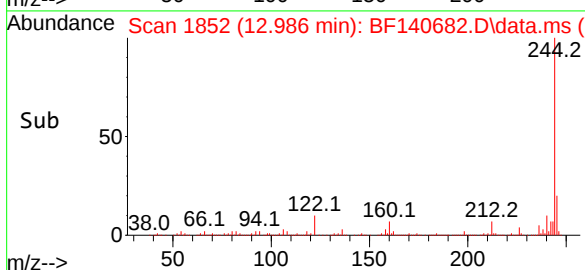
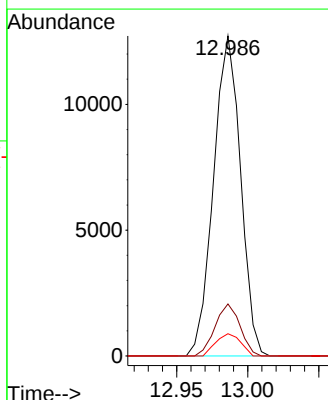
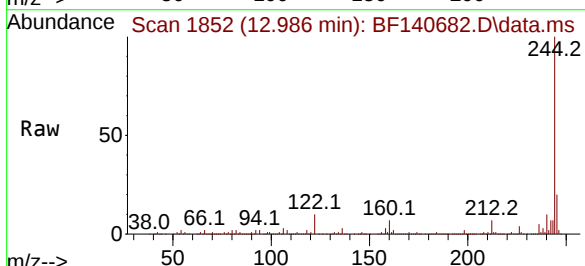
Tgt Ion:184 Resp: 16816

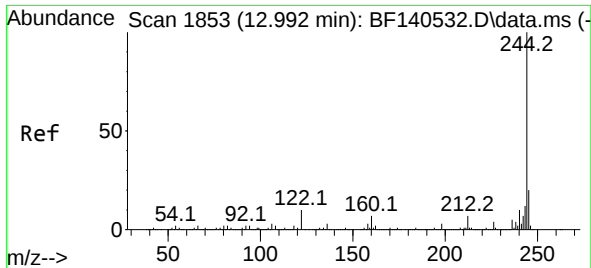
Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

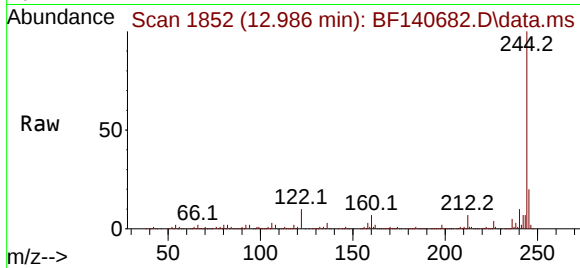
183 7.0 8.8 13.2#



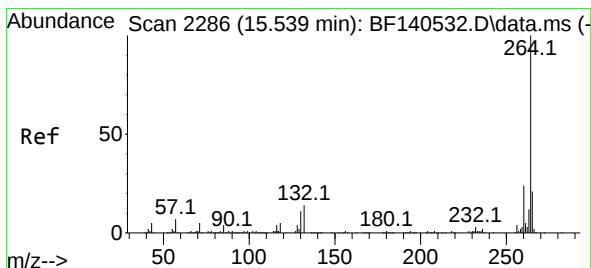
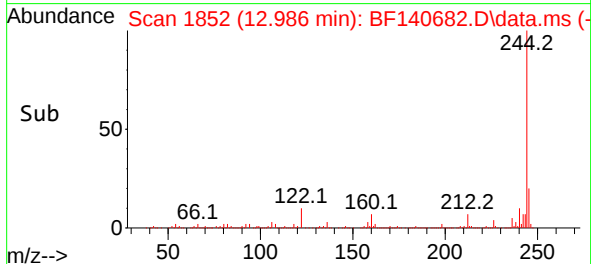
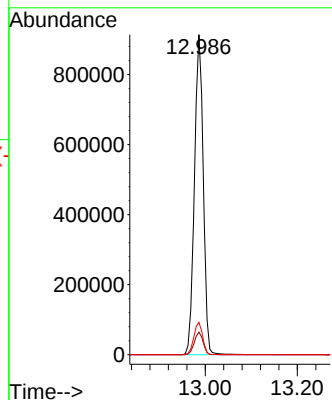


#79
Terphenyl-d14
Concen: 94.729 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165296BL



Tgt Ion:244 Resp: 1209487
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.1 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2296
Delta R.T. 0.059 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:264 Resp: 157266
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.1 16.6 25.0

