

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140709.D
 Acq On : 03 Dec 2024 14:32
 Operator : RC/JU
 Sample : PB165339BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165339BL

Quant Time: Dec 03 14:53:02 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)

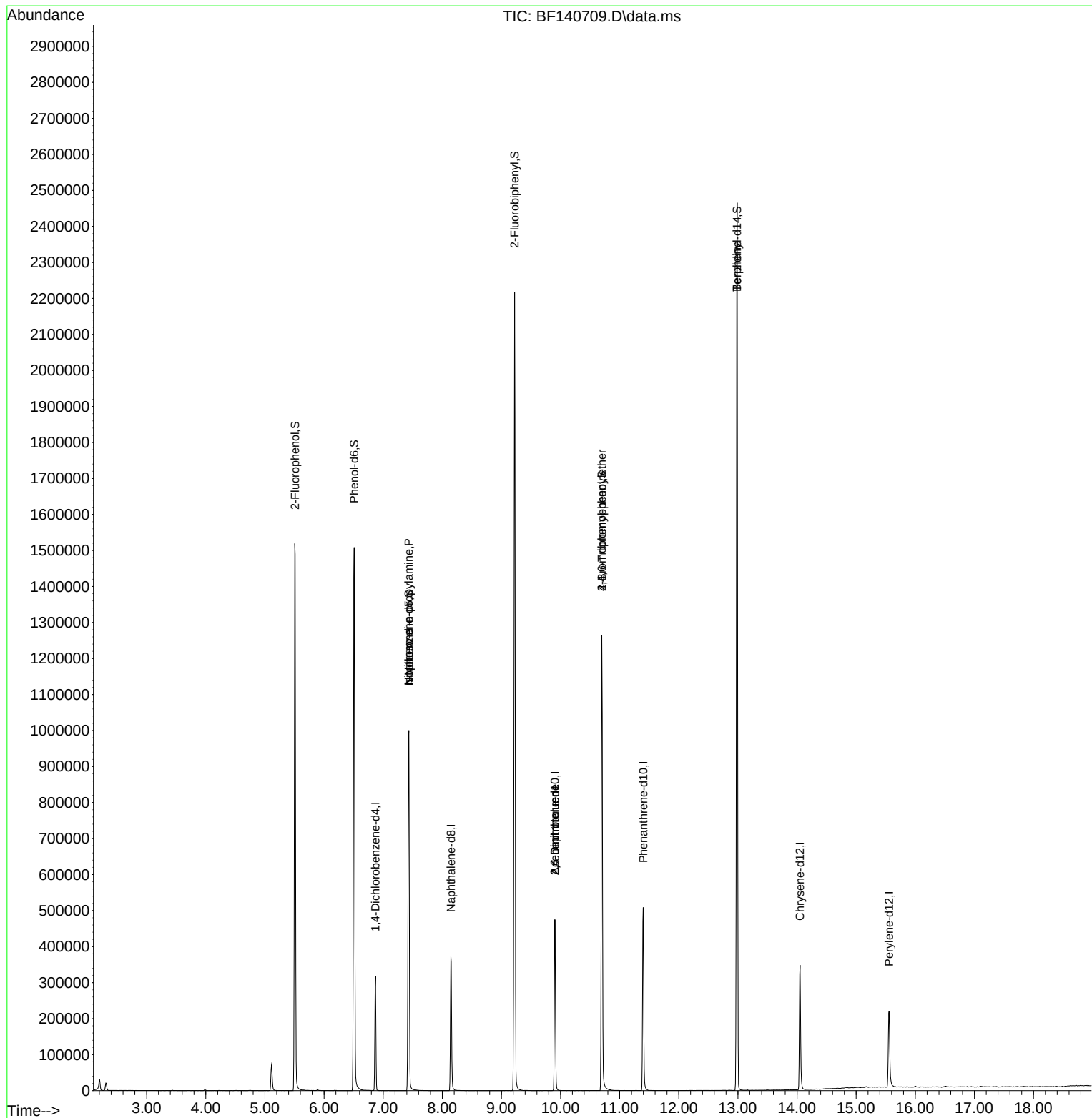
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67401	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	265757	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	150334	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	305477	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193693	20.000	ng	0.00
86) Perylene-d12	15.557	264	151672	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	597672	151.296	ng	0.01
7) Phenol-d6	6.510	99	761599	145.832	ng	0.00
23) Nitrobenzene-d5	7.434	82	509129	97.992	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	234985	146.150	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1029991	102.081	ng	-0.01
79) Terphenyl-d14	12.986	244	1274553	102.463	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	67529	21.879	ng	# 75
25) Isophorone	7.434	82	505824	58.370	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	19385	8.633	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	19385	6.496	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	14304	4.547	ng	# 1
77) Benzidine	12.986	184	17346	3.080	ng	# 94

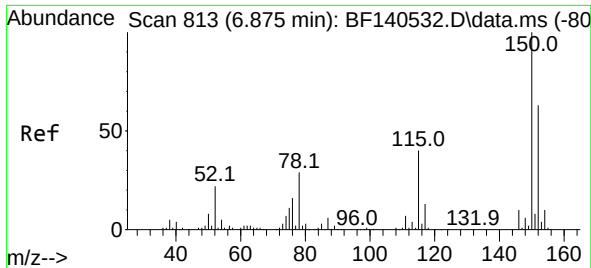
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

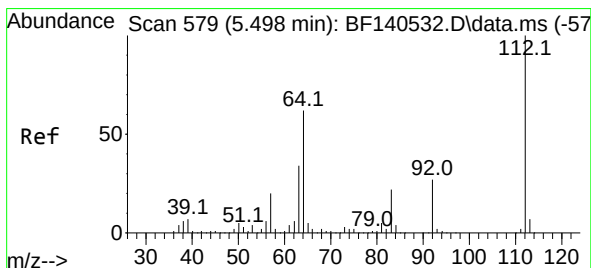
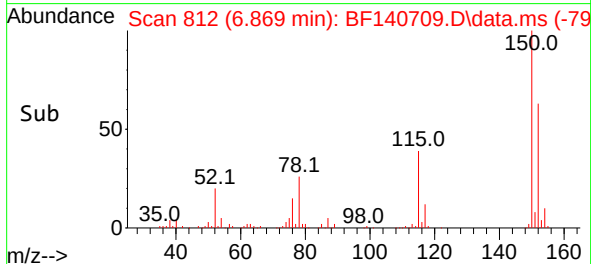
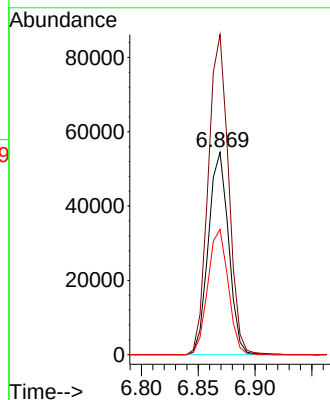
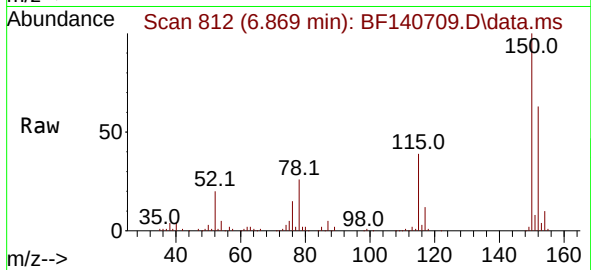




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

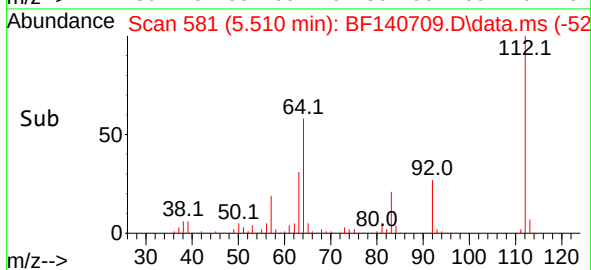
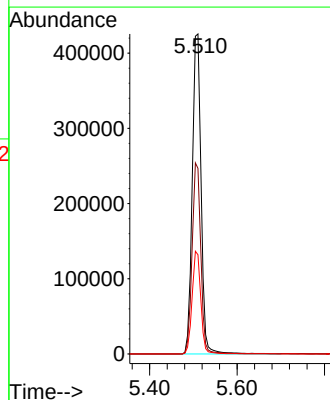
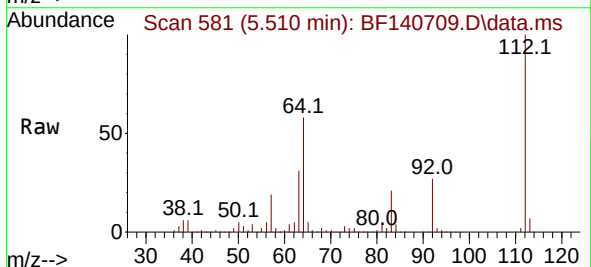
Instrument :
BNA_F
ClientSampleId :
PB165339BL

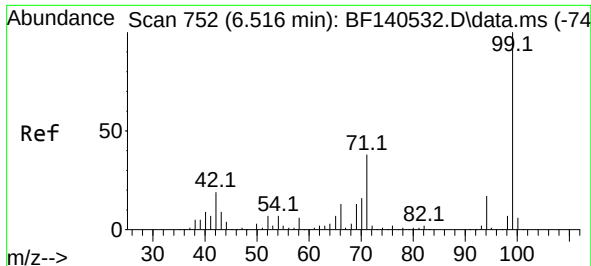
Tgt Ion:152 Resp: 67401
Ion Ratio Lower Upper
152 100
150 158.2 128.5 192.7
115 61.9 50.2 75.4



#5
2-Fluorophenol
Concen: 151.296 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Tgt Ion:112 Resp: 597672
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 31.0 27.0 40.4

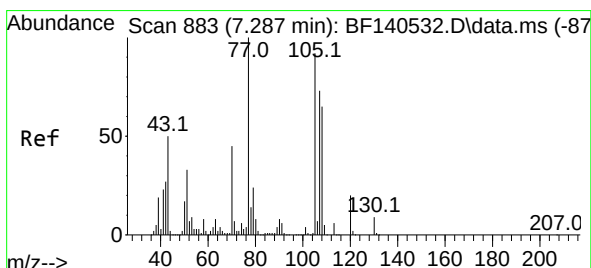
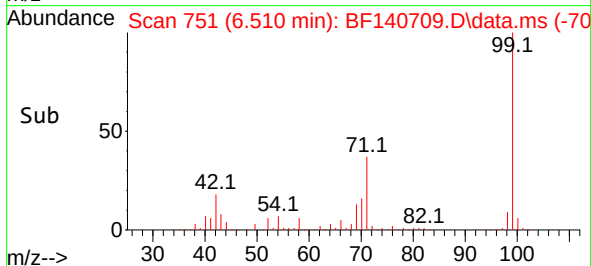
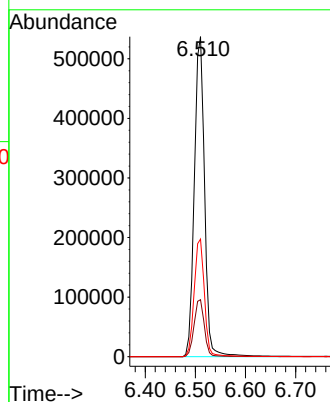
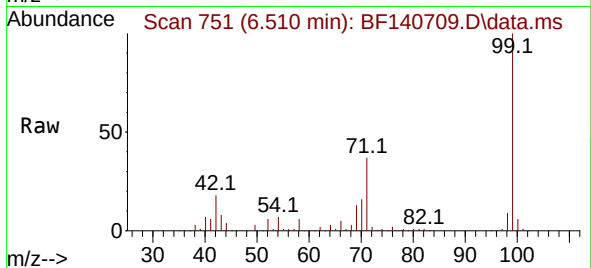




#7
Phenol-d6
Concen: 145.832 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

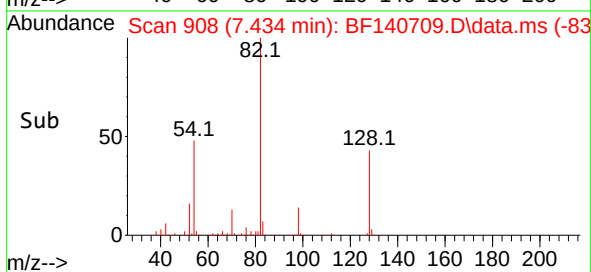
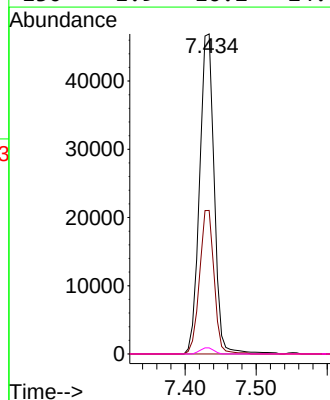
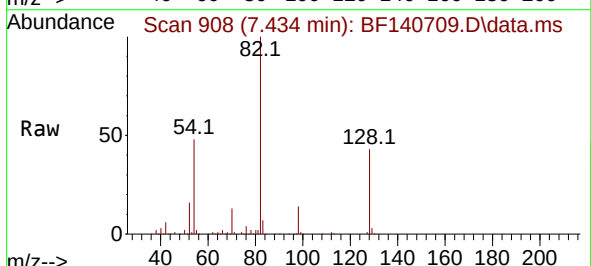
Instrument :
BNA_F
ClientSampleId :
PB165339BL

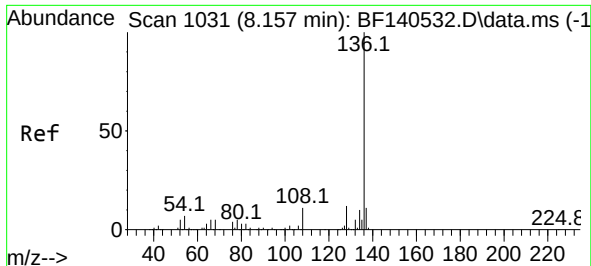
Tgt Ion: 99 Resp: 761599
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.879 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Tgt Ion: 70 Resp: 67529
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

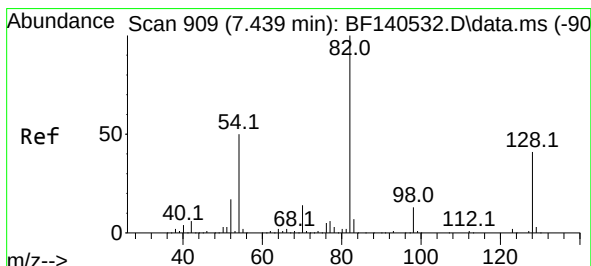
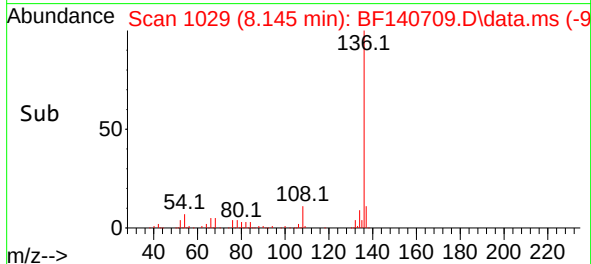
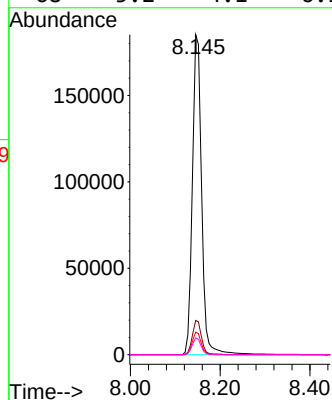
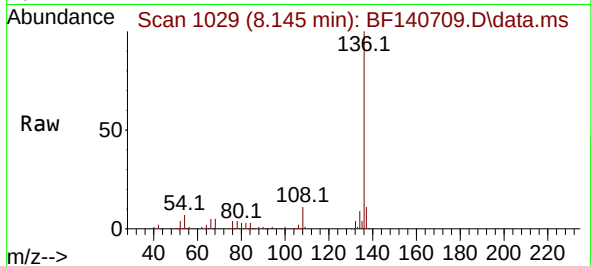




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

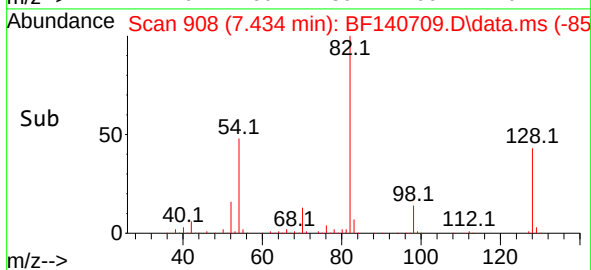
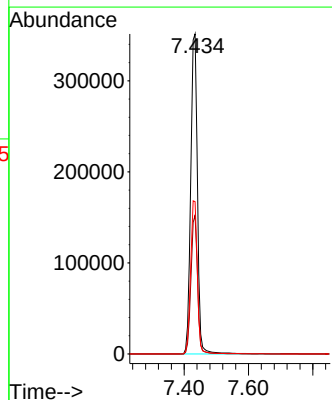
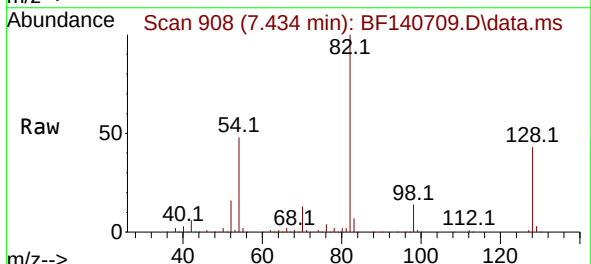
Instrument :
BNA_F
ClientSampleId :
PB165339BL

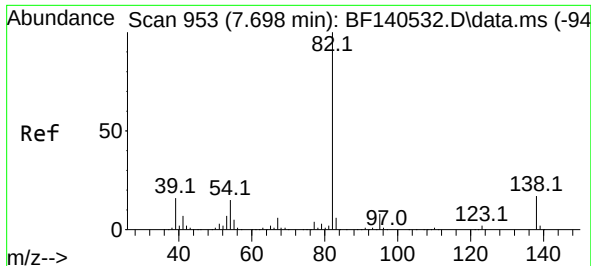
Tgt Ion:136 Resp: 265757
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 97.992 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Tgt Ion: 82 Resp: 509129
Ion Ratio Lower Upper
82 100
128 43.3 33.0 49.4
54 47.6 39.5 59.3

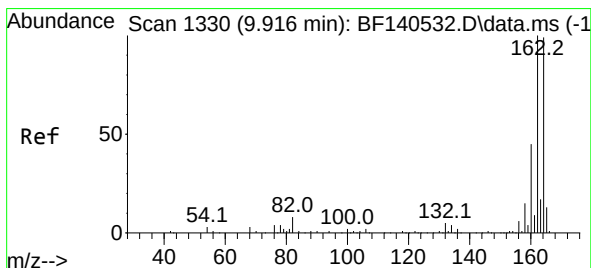
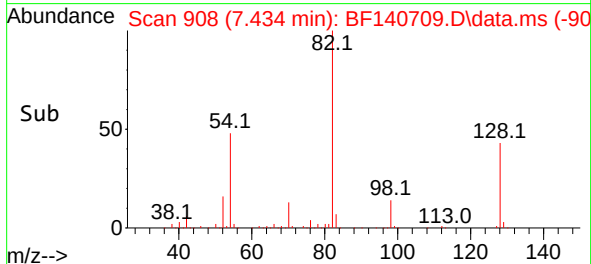
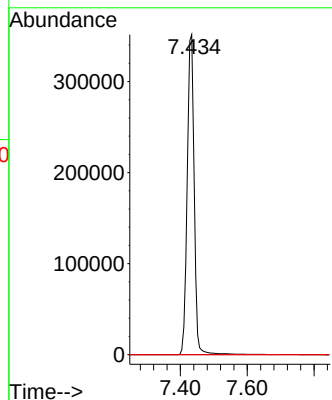
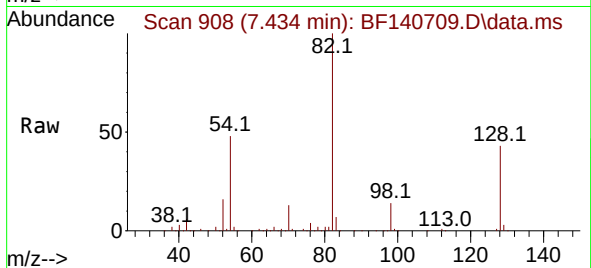




#25
Isophorone
Concen: 58.370 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

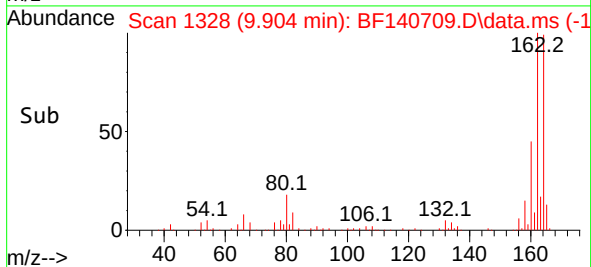
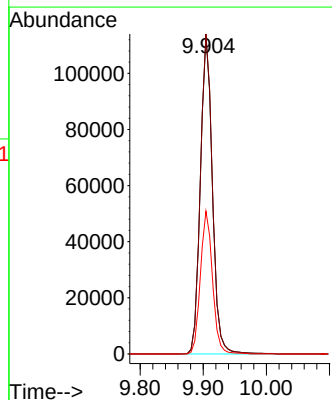
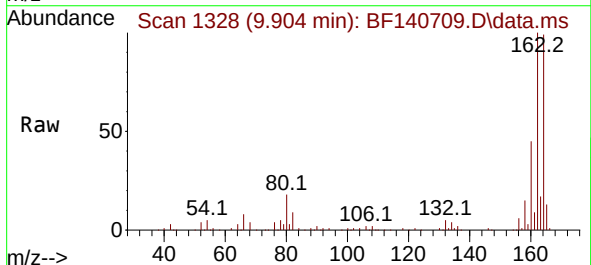
Instrument :
BNA_F
ClientSampleId :
PB165339BL

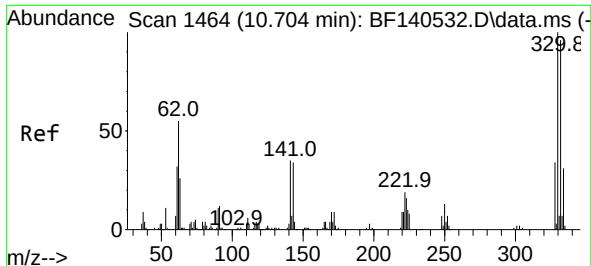
Tgt Ion: 82 Resp: 505824
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Tgt Ion:164 Resp: 150334
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 146.150 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140709.D

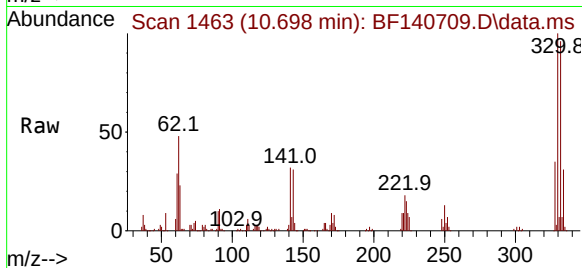
Acq: 03 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165339BL



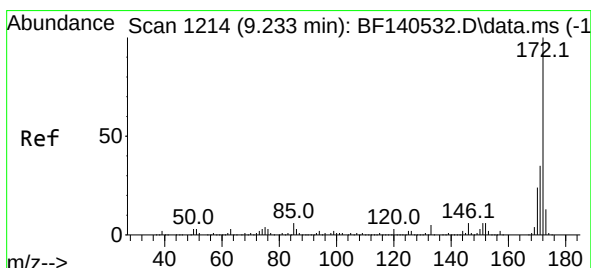
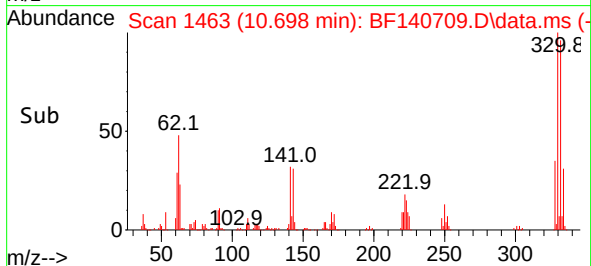
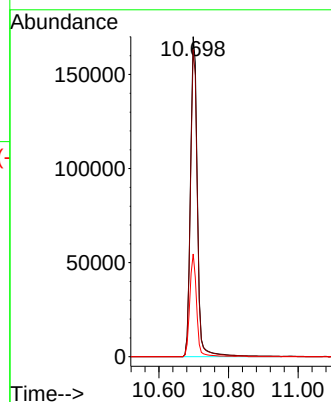
Tgt Ion:330 Resp: 234985

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

141 31.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 102.081 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140709.D

Acq: 03 Dec 2024 14:32

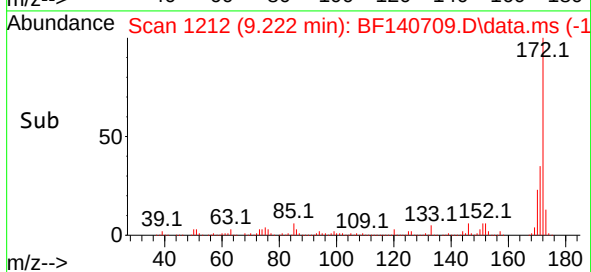
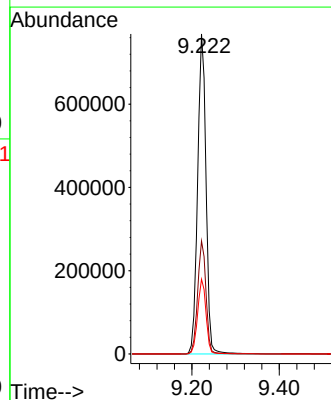
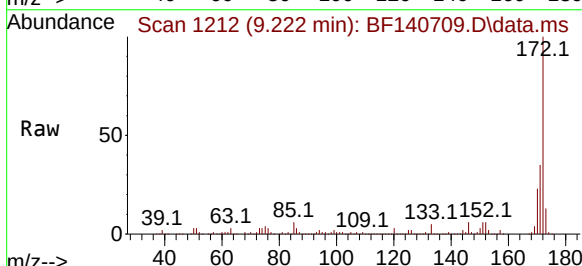
Tgt Ion:172 Resp: 1029991

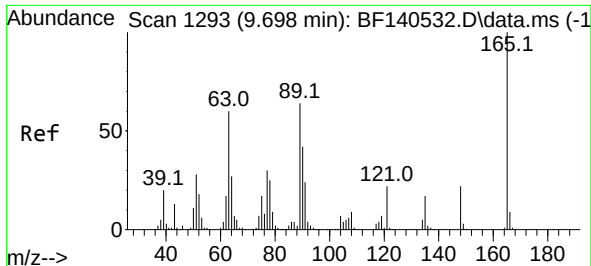
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6

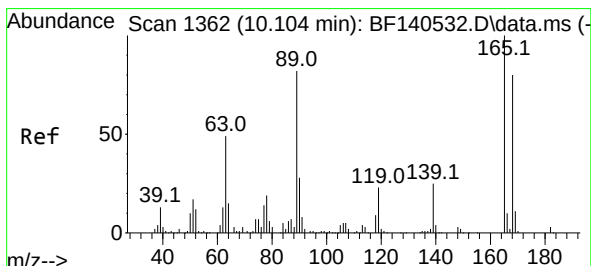
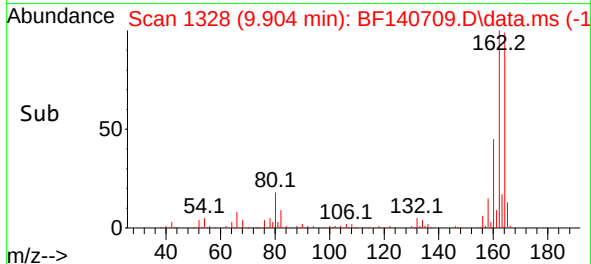
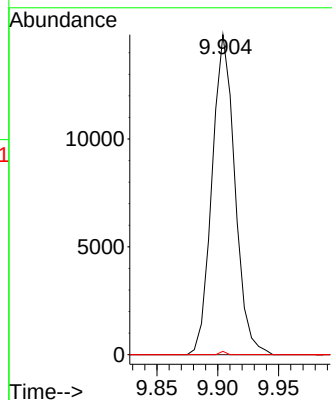
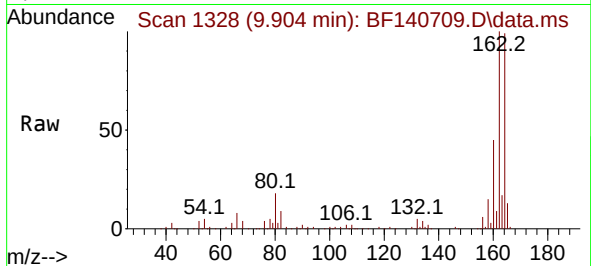




#51
2,6-Dinitrotoluene
Concen: 8.633 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

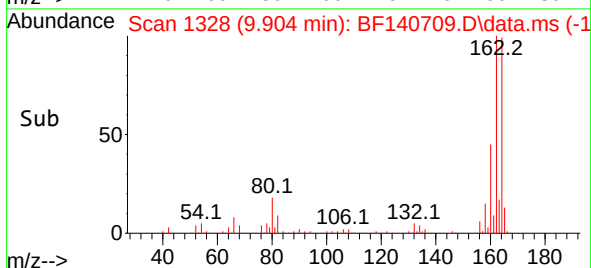
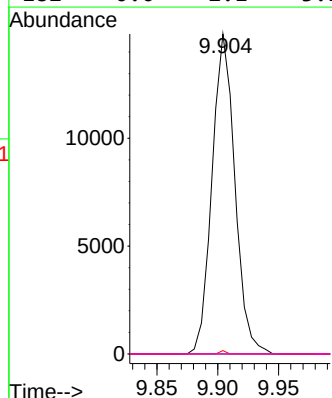
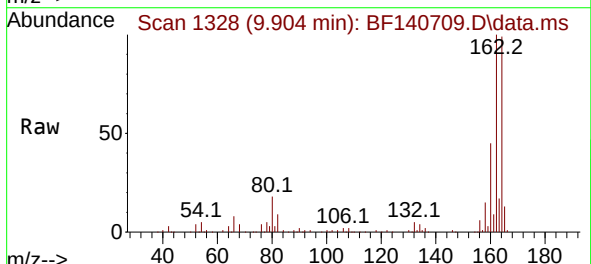
Instrument :
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ClientSampleId :
PB165339BL

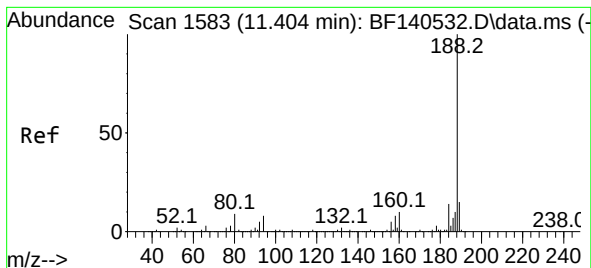
Tgt Ion:165 Resp: 19385
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.496 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Tgt Ion:165 Resp: 19385
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.0 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: BF140709.D

Acq: 03 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165339BL

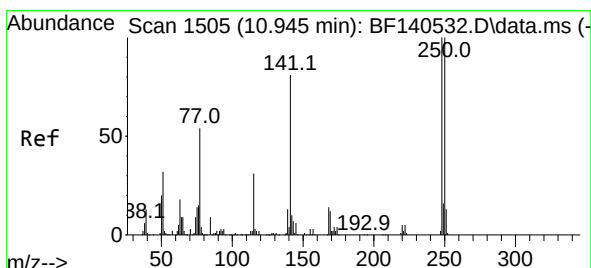
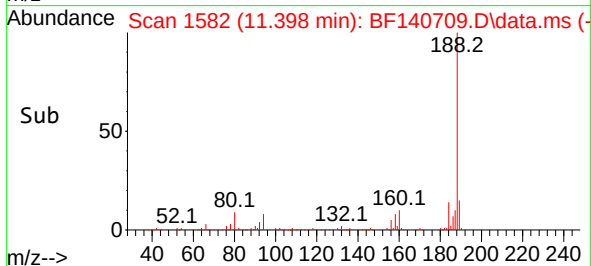
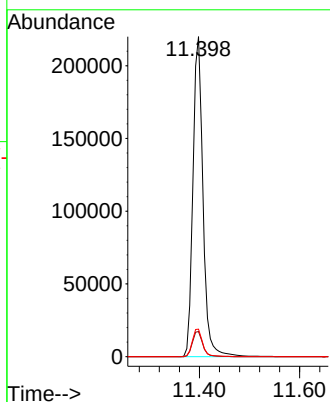
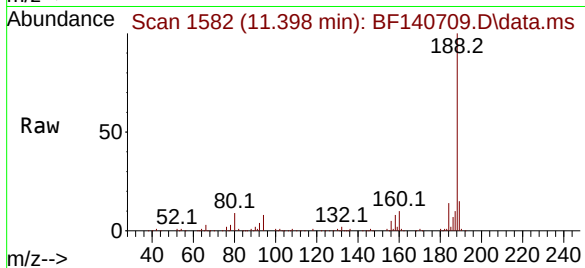
Tgt Ion:188 Resp: 305477

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.6 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.547 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140709.D

Acq: 03 Dec 2024 14:32

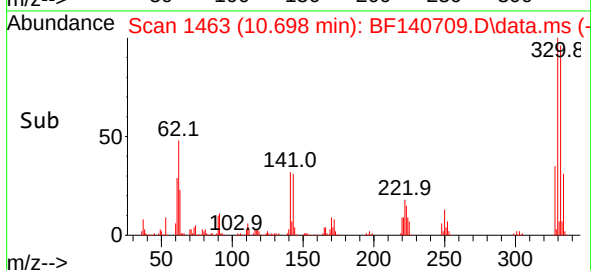
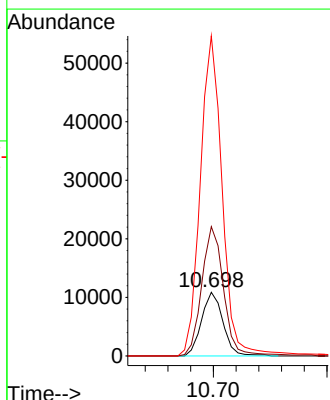
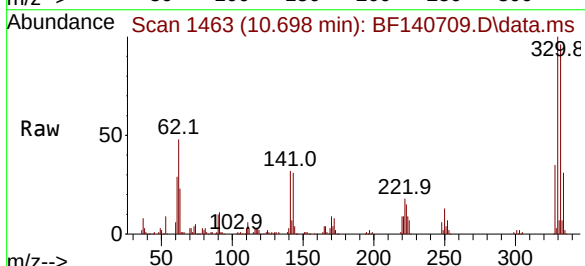
Tgt Ion:248 Resp: 14304

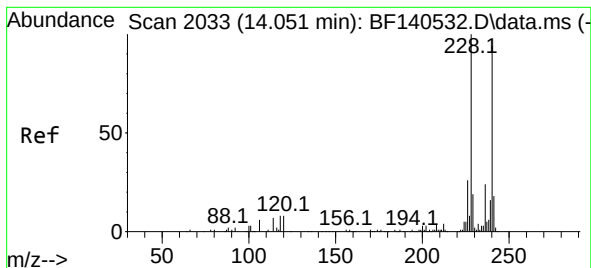
Ion Ratio Lower Upper

248 100

250 202.9 79.8 119.8#

141 502.1 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140709.D

Acq: 03 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165339BL

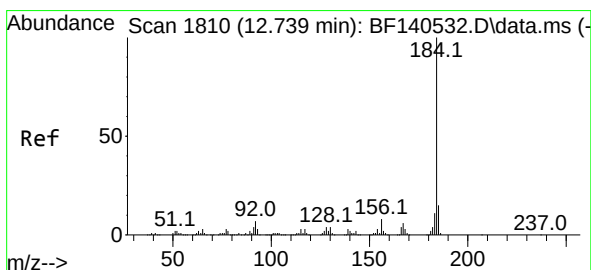
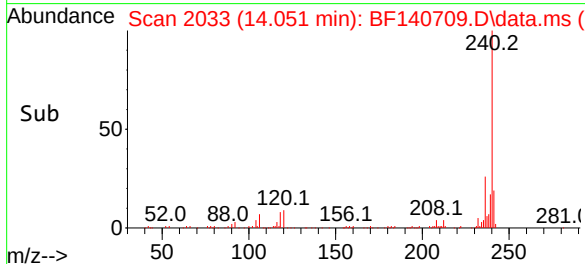
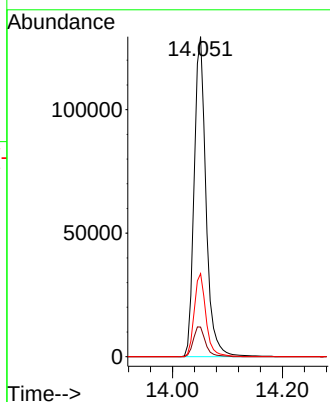
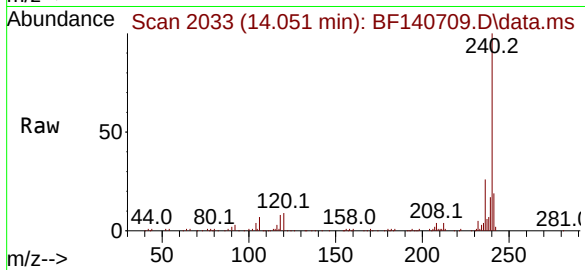
Tgt Ion:240 Resp: 193693

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 26.0 20.6 31.0



#77

Benzidine

Concen: 3.080 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140709.D

Acq: 03 Dec 2024 14:32

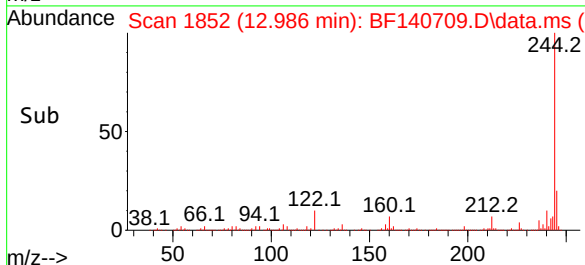
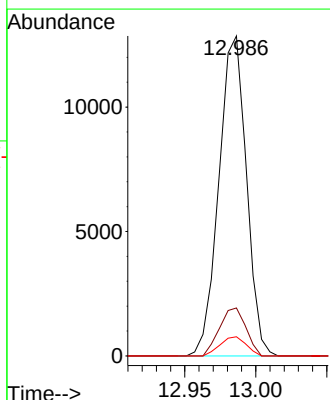
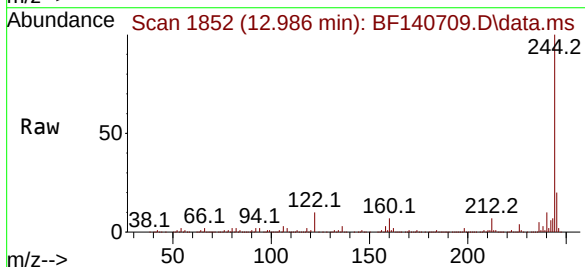
Tgt Ion:184 Resp: 17346

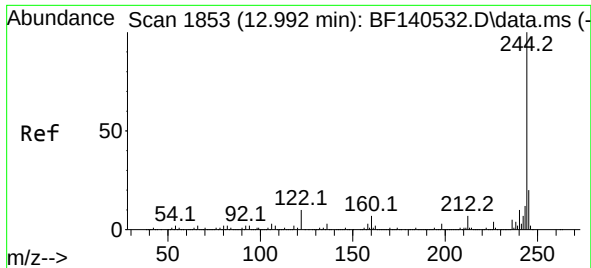
Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

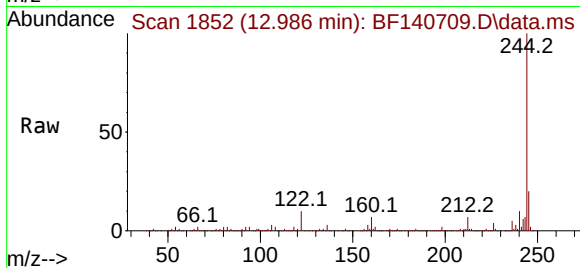
183 6.0 8.8 13.2#



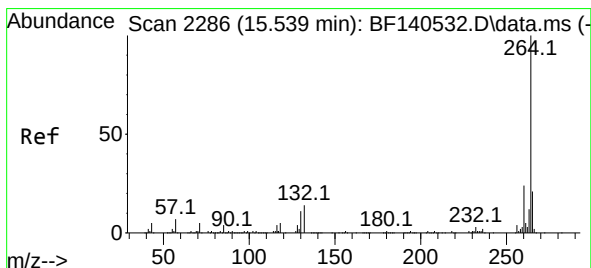
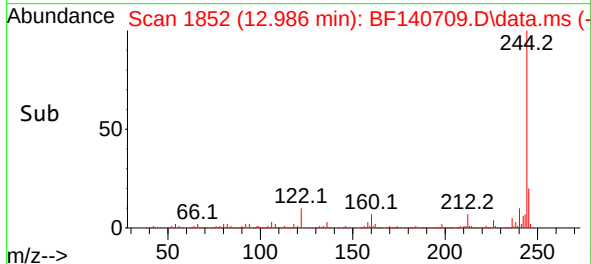
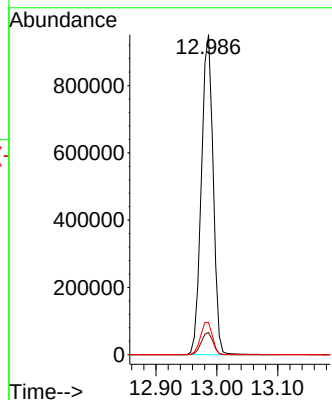


#79
Terphenyl-d14
Concen: 102.463 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Instrument :
BNA_F
ClientSampleId :
PB165339BL



Tgt Ion:244 Resp: 1274553
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140709.D
Acq: 03 Dec 2024 14:32

Tgt Ion:264 Resp: 151672
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.2 16.6 25.0

