

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140705.D
 Acq On : 03 Dec 2024 12:48
 Operator : RC/JU
 Sample : PB165316BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165316BL

Quant Time: Dec 03 13:18:04 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)

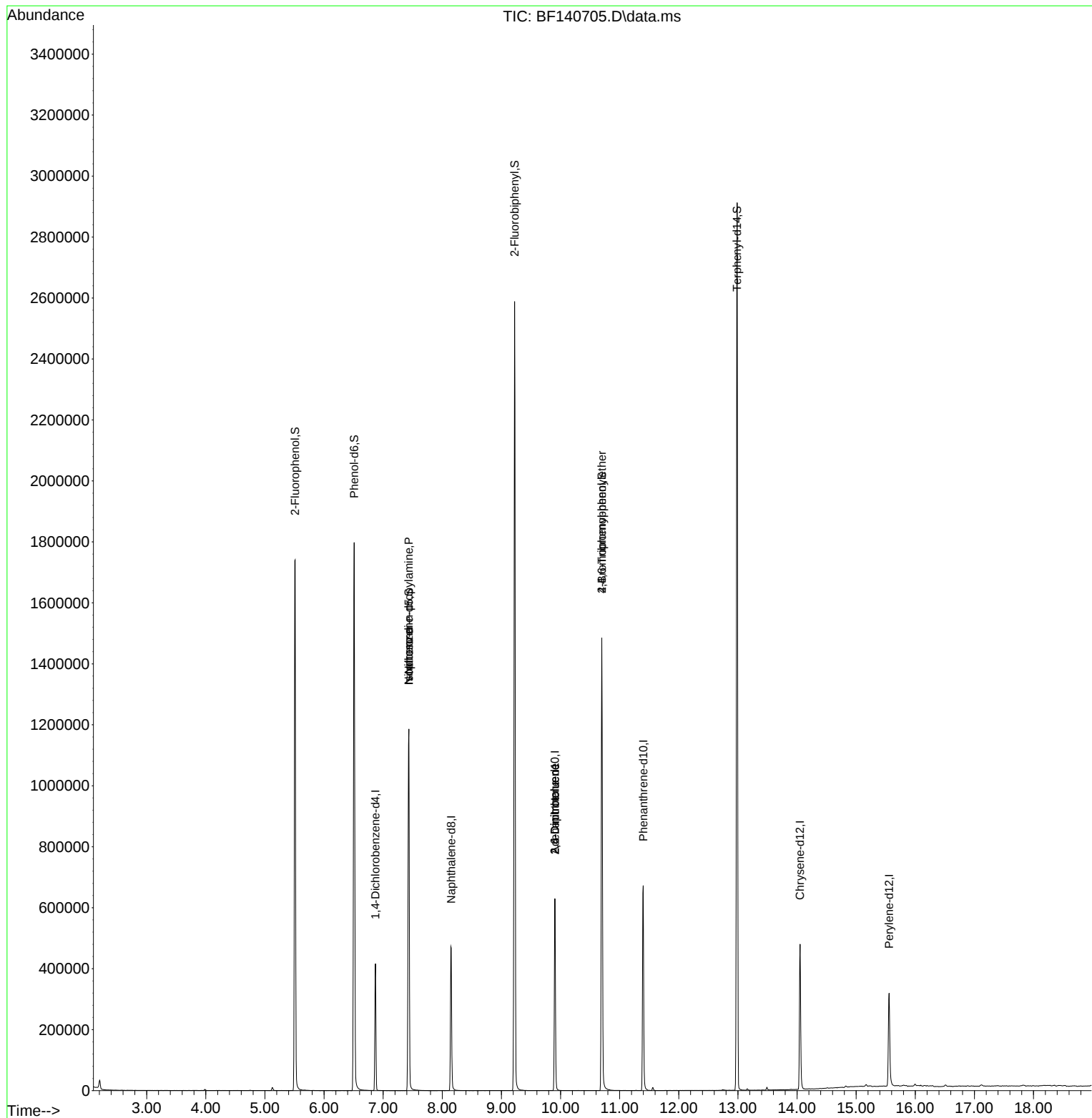
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88418	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	337442	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	199610	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	397978	20.000	ng	0.00
76) Chrysene-d12	14.051	240	257340	20.000	ng	0.00
86) Perylene-d12	15.557	264	206946	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	696617	134.427	ng	0.01
7) Phenol-d6	6.510	99	918415	134.058	ng	0.00
23) Nitrobenzene-d5	7.434	82	599501	90.874	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	271256	127.061	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1201887	89.712	ng	-0.01
79) Terphenyl-d14	12.986	244	1500066	90.767	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	81030	20.013	ng	# 75
25) Isophorone	7.434	82	590925	53.704	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	24591	8.248	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	24591	6.206	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	17050	4.160	ng	# 1

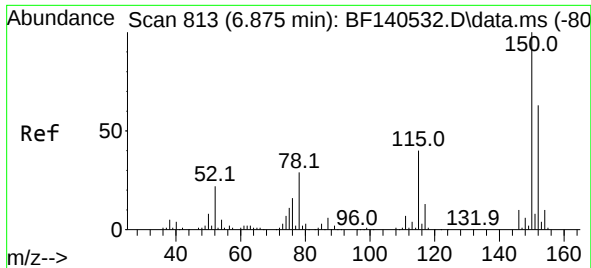
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

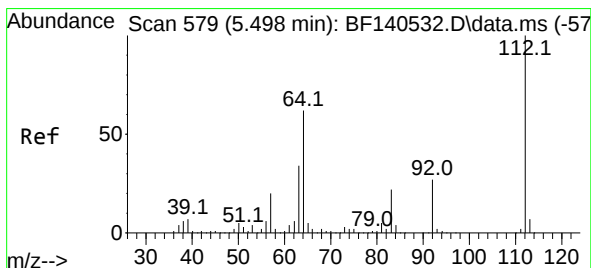
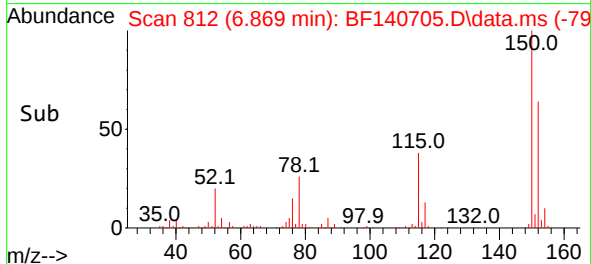
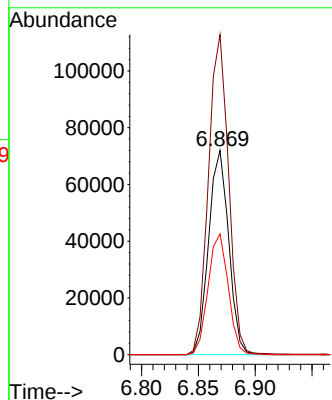
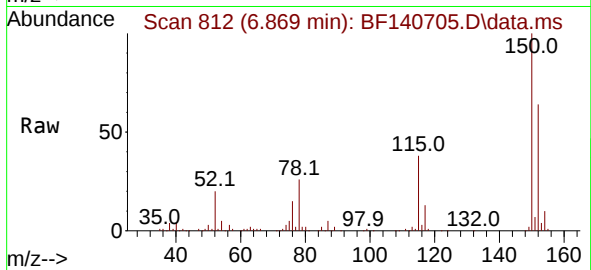




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

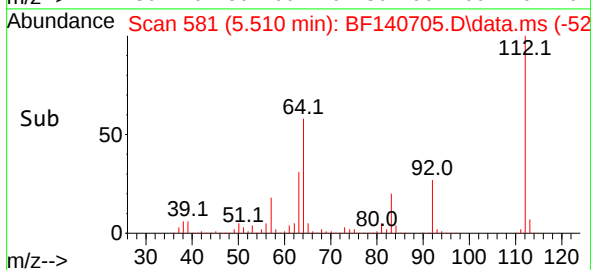
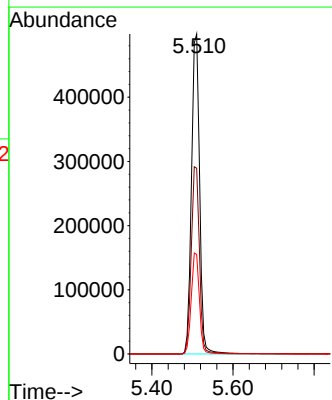
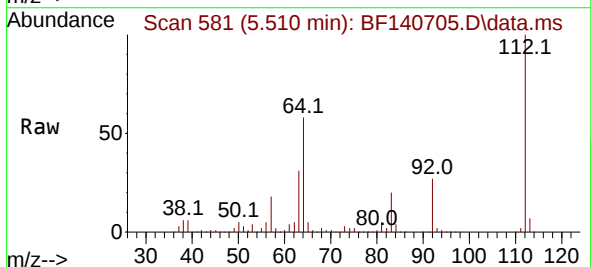
Instrument :
BNA_F
ClientSampleId :
PB165316BL

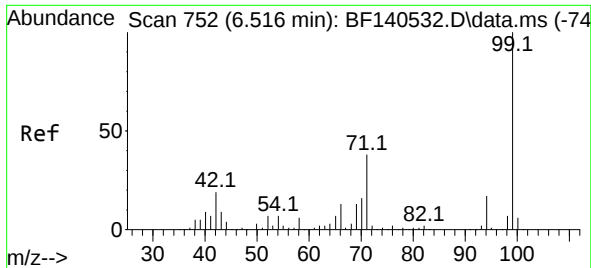
Tgt Ion:152 Resp: 88418
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 59.2 50.2 75.4



#5
2-Fluorophenol
Concen: 134.427 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

Tgt Ion:112 Resp: 696617
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 31.1 27.0 40.4

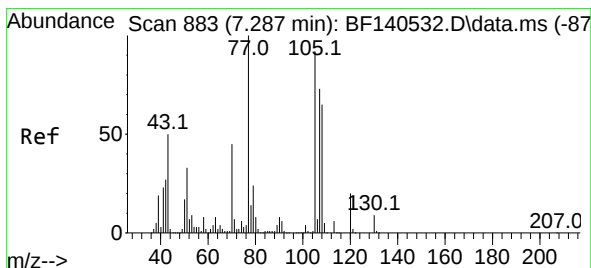
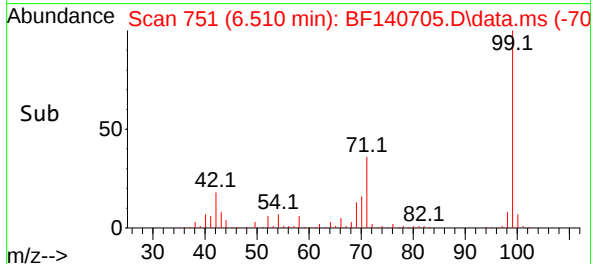
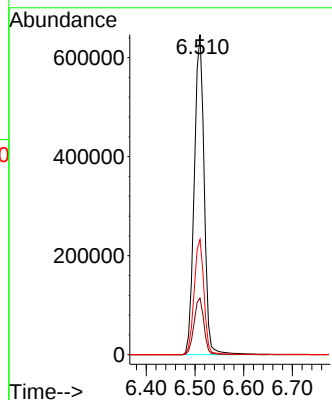
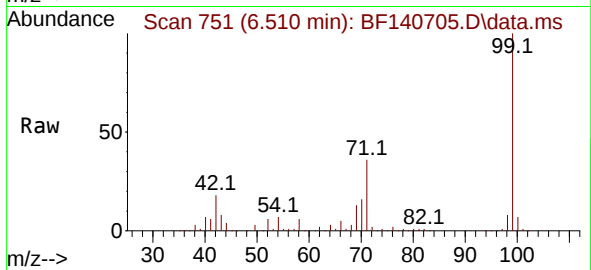




#7
Phenol-d6
Concen: 134.058 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

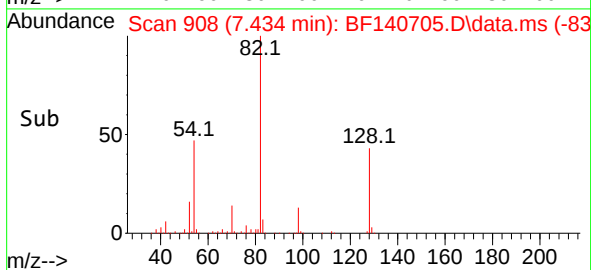
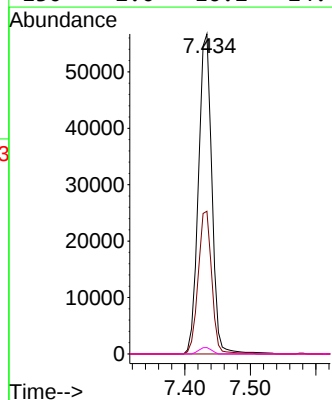
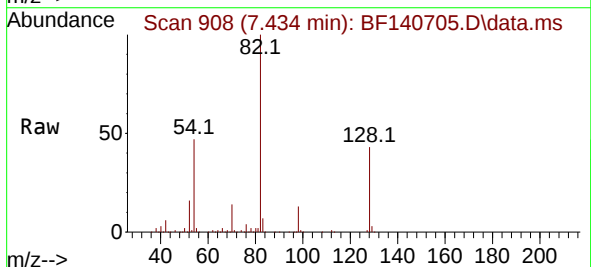
Instrument :
BNA_F
ClientSampleId :
PB165316BL

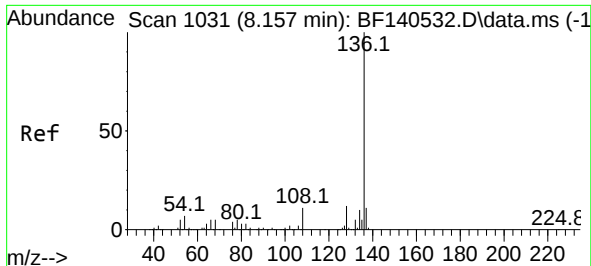
Tgt Ion: 99 Resp: 918415
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.013 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

Tgt Ion: 70 Resp: 81030
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

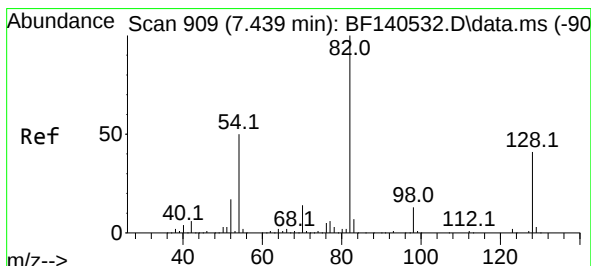
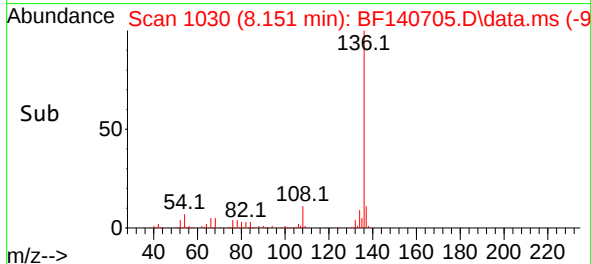
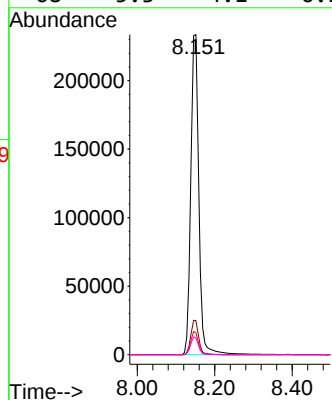
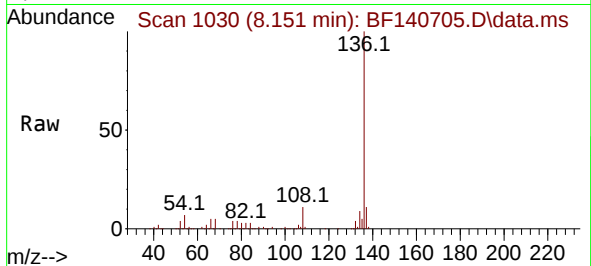




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

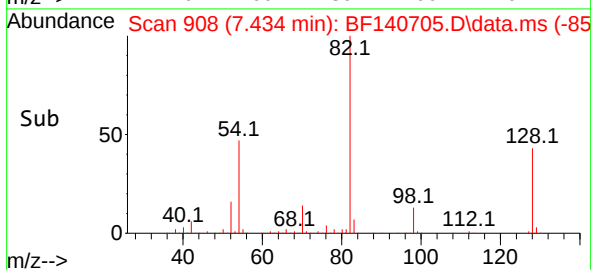
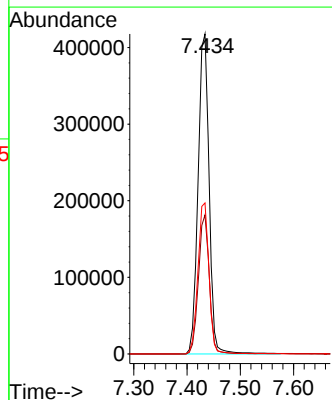
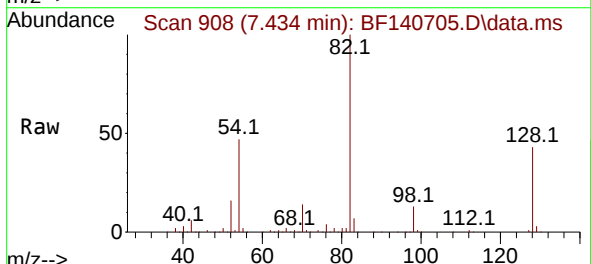
Instrument :
BNA_F
ClientSampleId :
PB165316BL

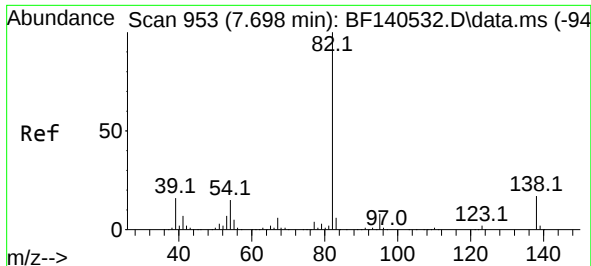
Tgt Ion:136 Resp: 337442
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.9 5.8 8.8
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 90.874 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

Tgt Ion: 82 Resp: 599501
Ion Ratio Lower Upper
82 100
128 43.5 33.0 49.4
54 47.2 39.5 59.3

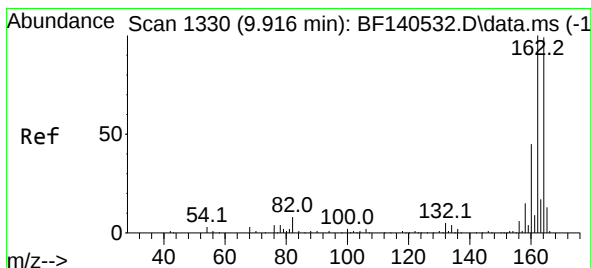
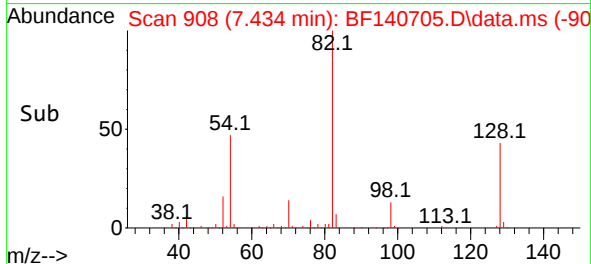
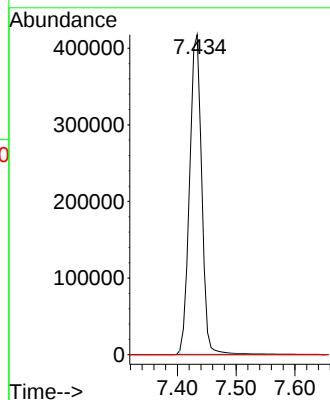
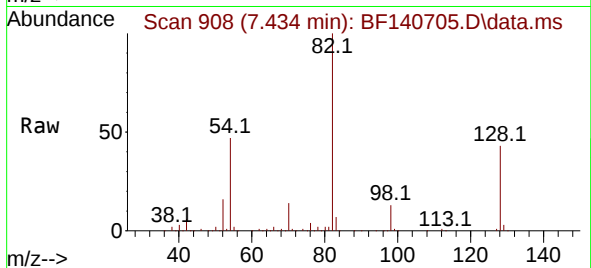




#25
Isophorone
Concen: 53.704 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

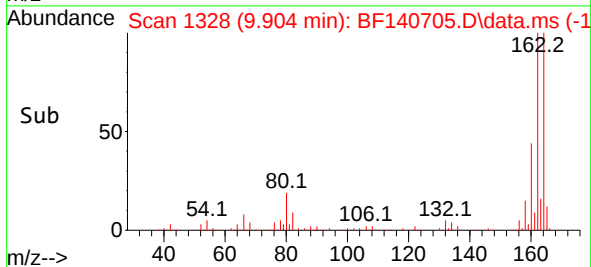
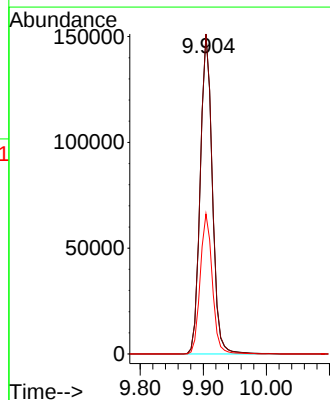
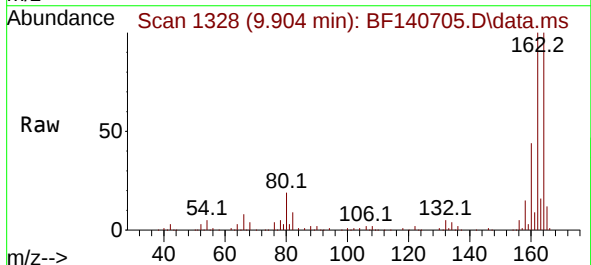
Instrument :
BNA_F
ClientSampleId :
PB165316BL

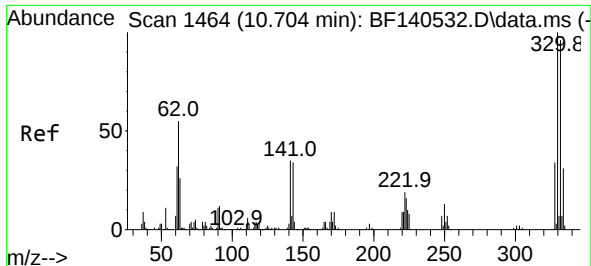
Tgt Ion: 82 Resp: 590925
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

Tgt Ion: 164 Resp: 199610
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 127.061 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140705.D

Acq: 03 Dec 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB165316BL

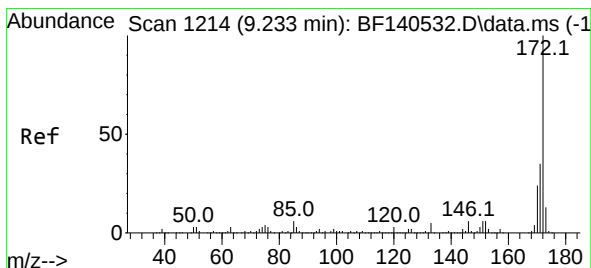
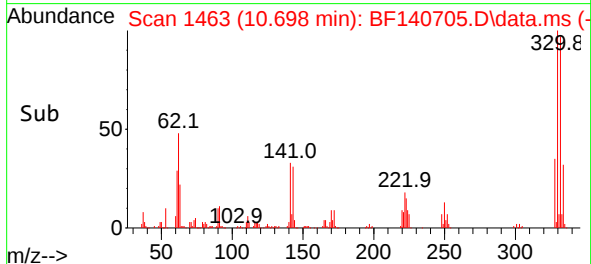
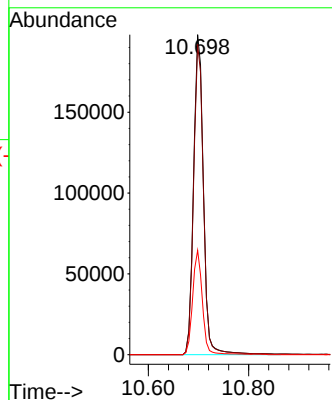
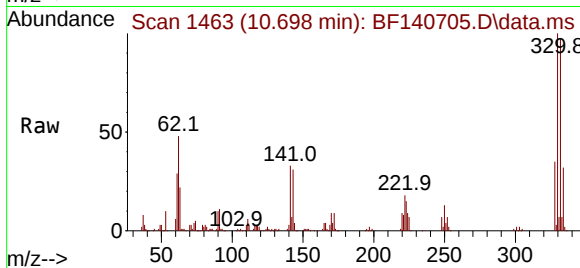
Tgt Ion:330 Resp: 271256

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 32.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 89.712 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140705.D

Acq: 03 Dec 2024 12:48

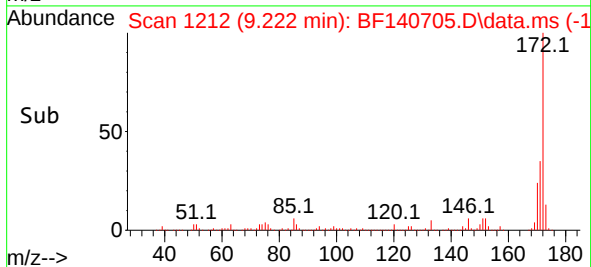
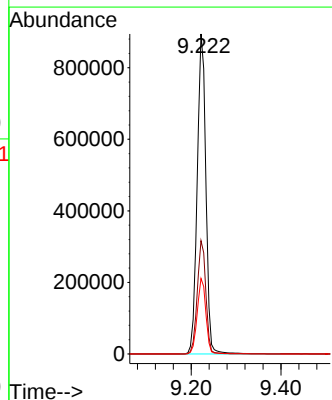
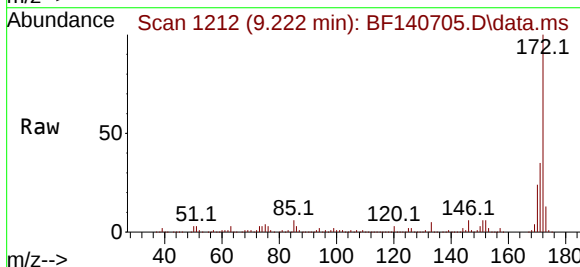
Tgt Ion:172 Resp: 1201887

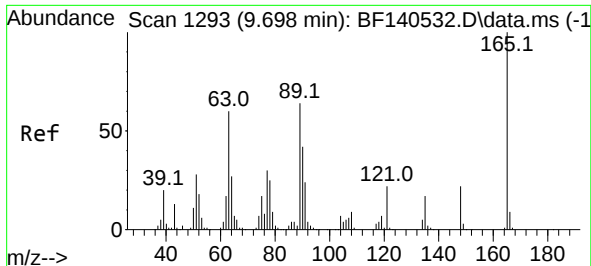
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.0 28.6

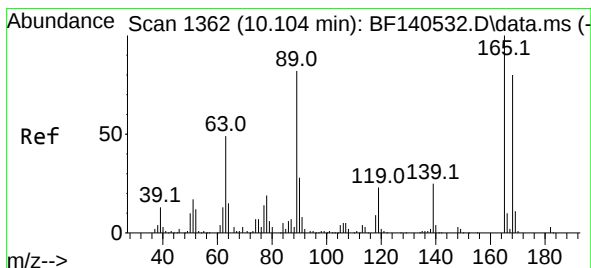
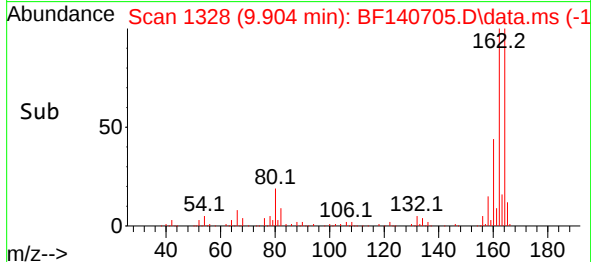
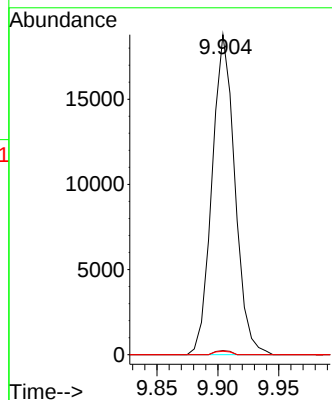
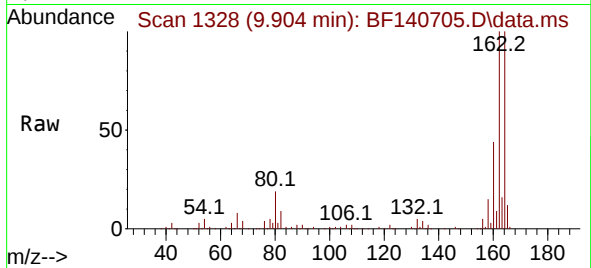




#51
2,6-Dinitrotoluene
Concen: 8.248 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

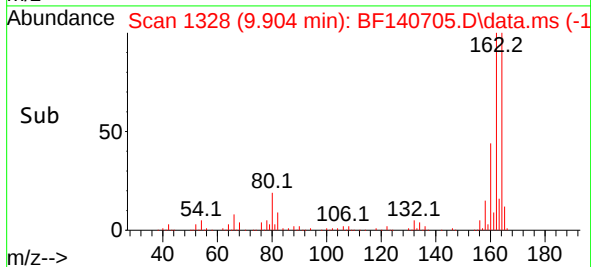
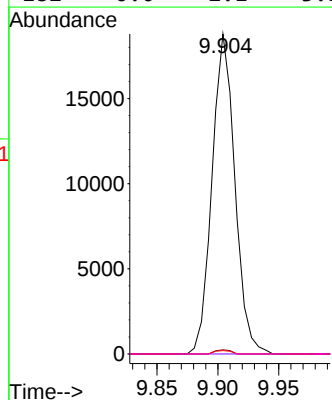
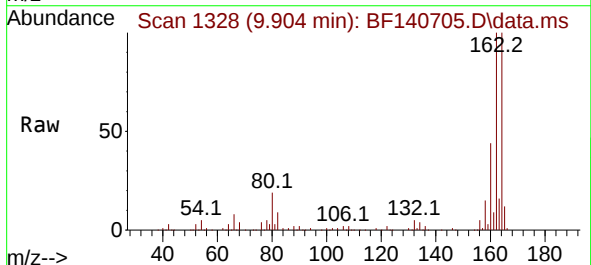
Instrument :
BNA_F
ClientSampleId :
PB165316BL

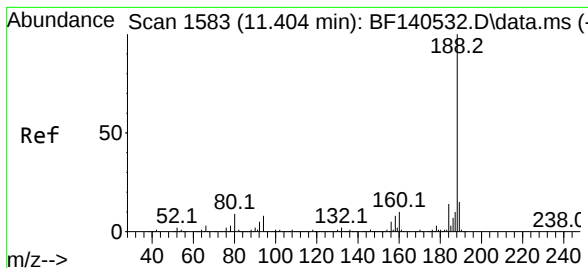
Tgt Ion:165 Resp: 24591
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 1.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.206 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

Tgt Ion:165 Resp: 24591
Ion Ratio Lower Upper
165 100
63 1.3 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: BF140705.D

Acq: 03 Dec 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB165316BL

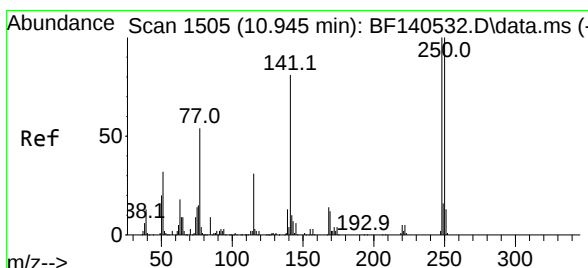
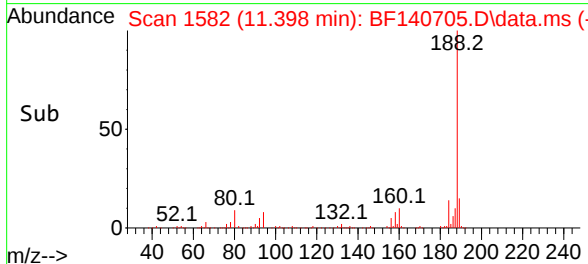
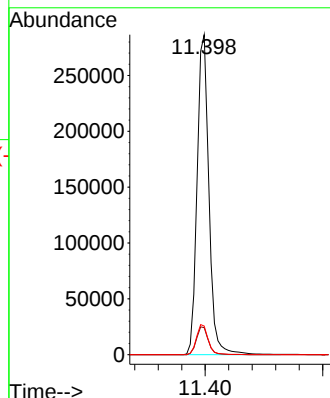
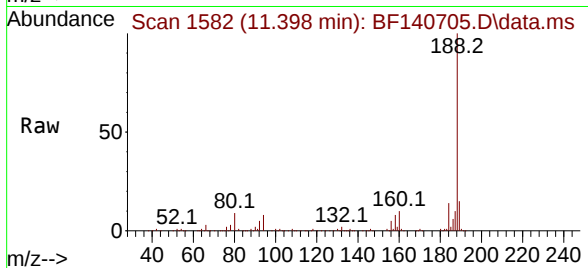
Tgt Ion:188 Resp: 397978

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.160 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140705.D

Acq: 03 Dec 2024 12:48

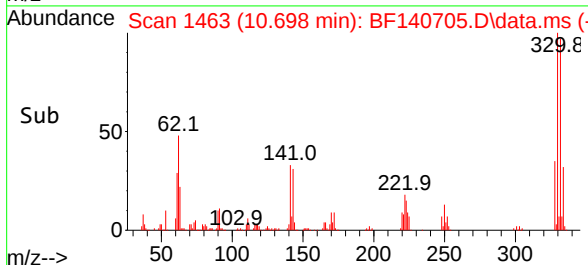
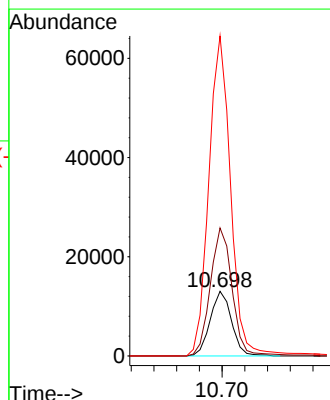
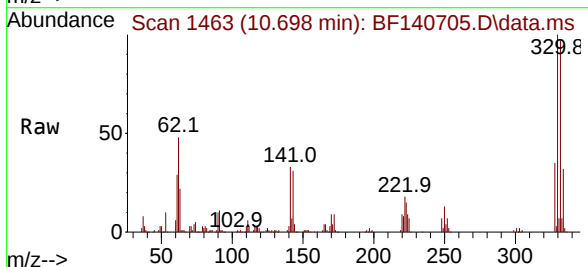
Tgt Ion:248 Resp: 17050

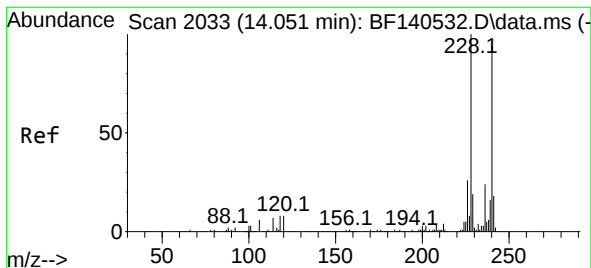
Ion Ratio Lower Upper

248 100

250 198.2 79.8 119.8#

141 495.4 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: BF140705.D

Acq: 03 Dec 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB165316BL

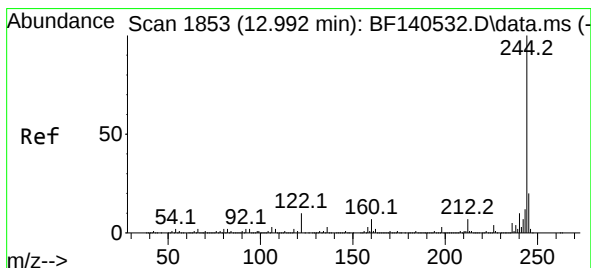
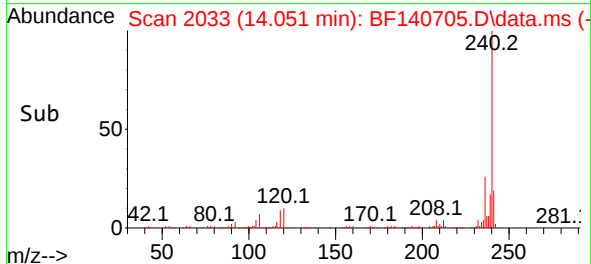
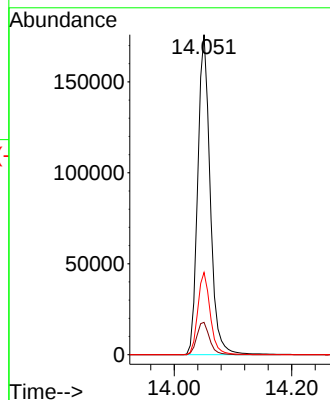
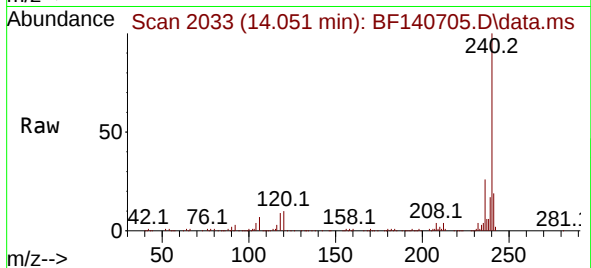
Tgt Ion:240 Resp: 257340

Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

236 25.7 20.6 31.0



#79

Terphenyl-d14

Concen: 90.767 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140705.D

Acq: 03 Dec 2024 12:48

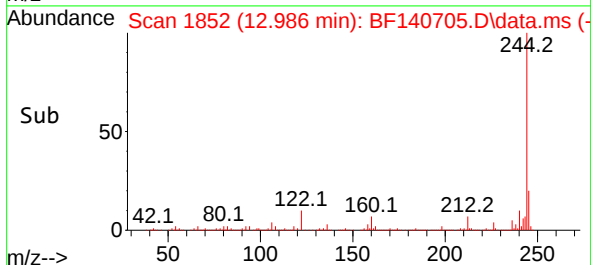
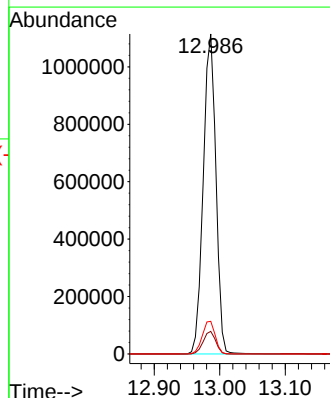
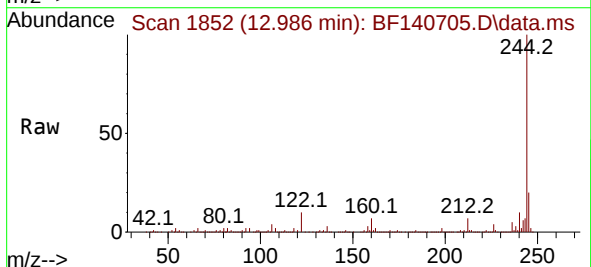
Tgt Ion:244 Resp: 1500066

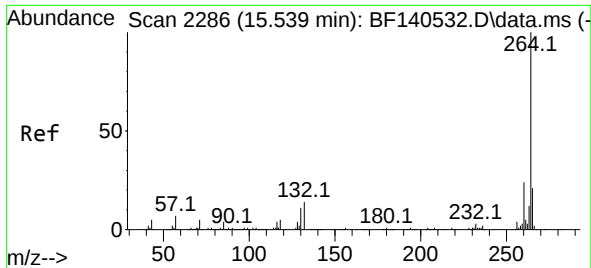
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140705.D
Acq: 03 Dec 2024 12:48

Instrument :
BNA_F
ClientSampleId :
PB165316BL

Tgt Ion:264 Resp: 206946

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.0	16.6	25.0

