

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140843.D
 Acq On : 13 Dec 2024 14:32
 Operator : RC/JU
 Sample : PB165558TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165558TB

Quant Time: Dec 13 16:37:03 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)

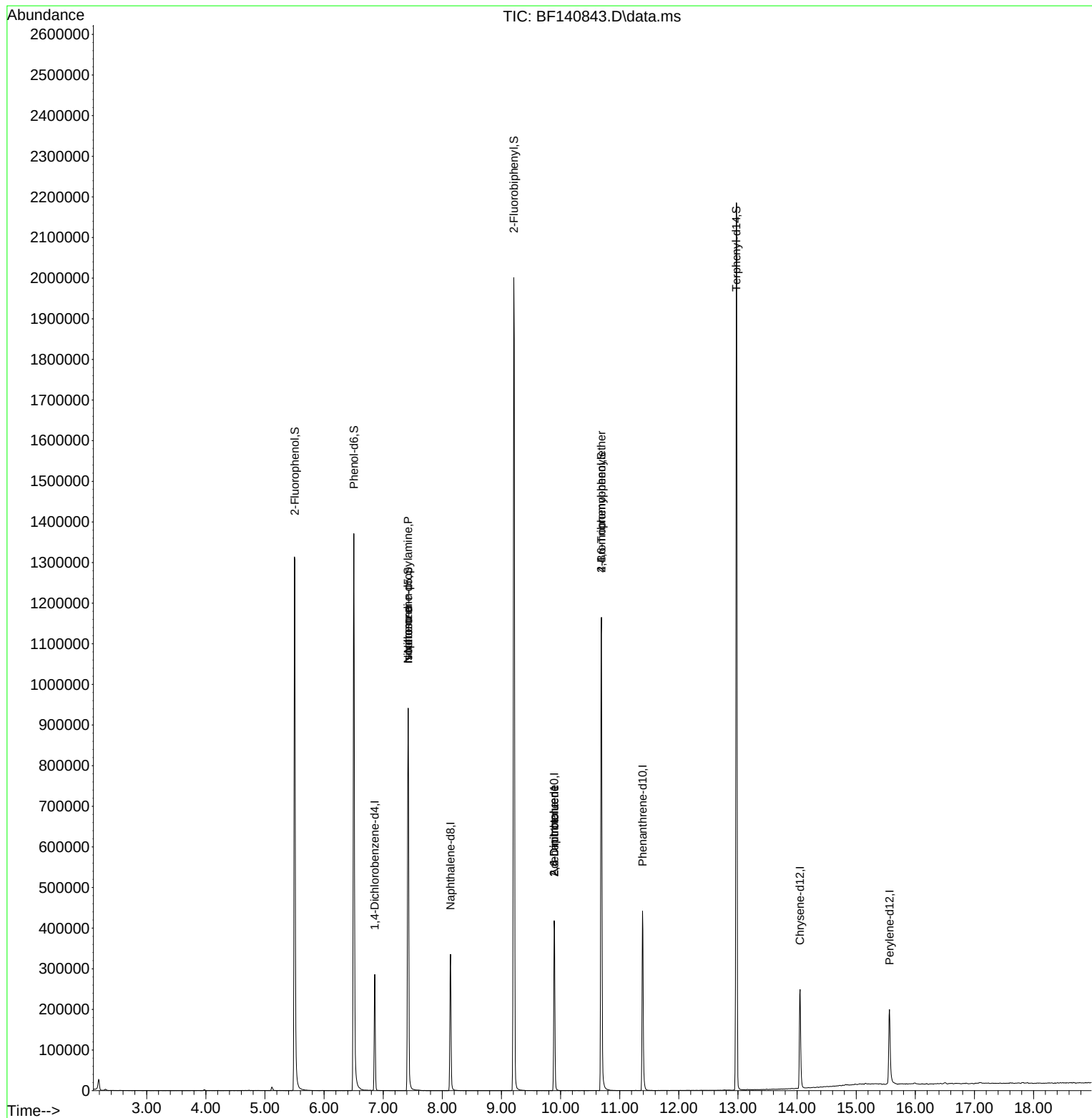
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	62007	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	236216	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	139268	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	271237	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	145005	20.000	ng	0.00
86) Perylene-d12	15.562	264	137029	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	557002	153.267	ng	0.00
7) Phenol-d6	6.504	99	699067	145.503	ng	-0.01
23) Nitrobenzene-d5	7.422	82	463257	100.314	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	222856	149.620	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	962099	102.929	ng	-0.02
79) Terphenyl-d14	12.974	244	1085912	116.610	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	61795	21.763	ng	# 76
25) Isophorone	7.422	82	458699	59.551	ng	# 66
51) 2,6-Dinitrotoluene	9.892	165	17402	8.366	ng	# 19
57) 2,4-Dinitrotoluene	9.892	165	17402	6.294	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	13565	4.856	ng	# 1

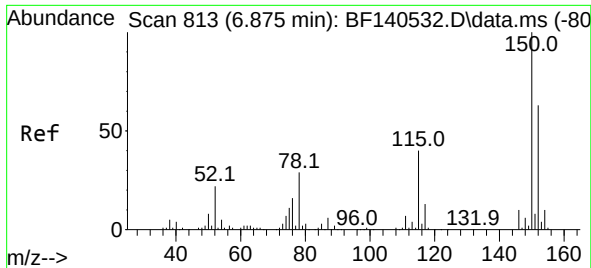
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140843.D
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Quant Time: Dec 13 16:37:03 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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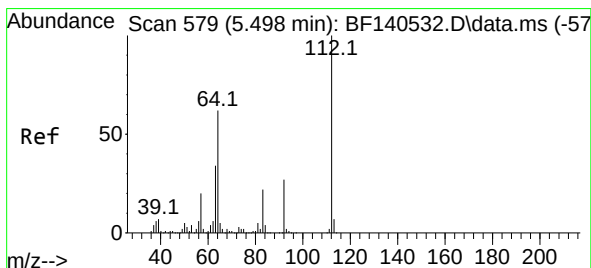
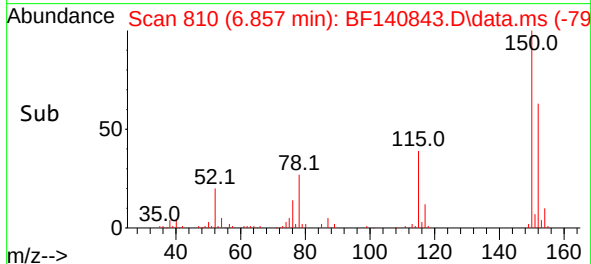
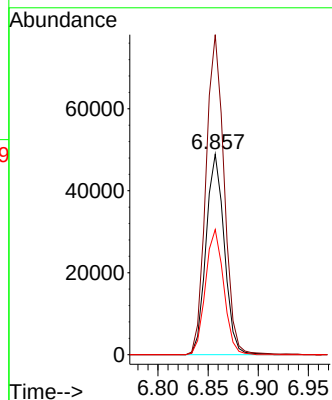
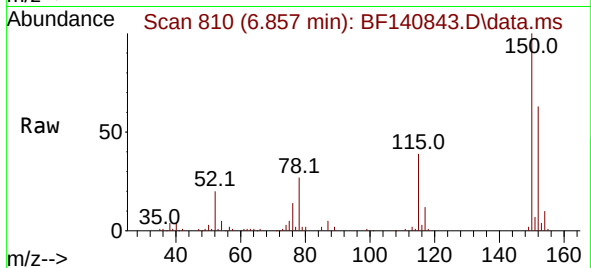




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

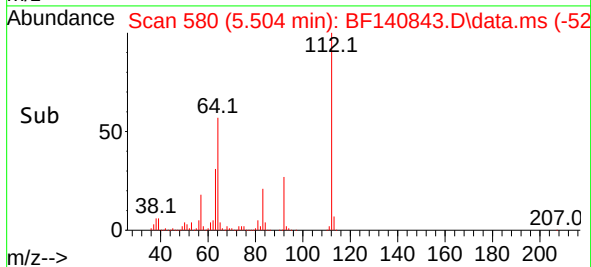
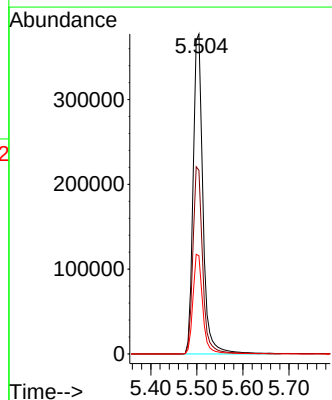
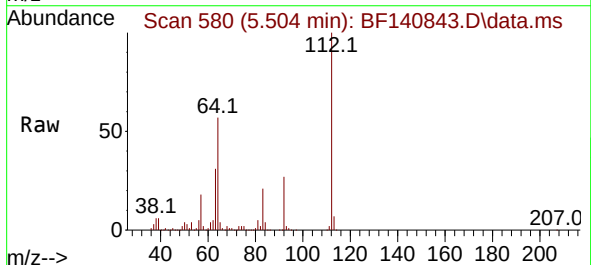
Instrument :
BNA_F
ClientSampleId :
PB165558TB

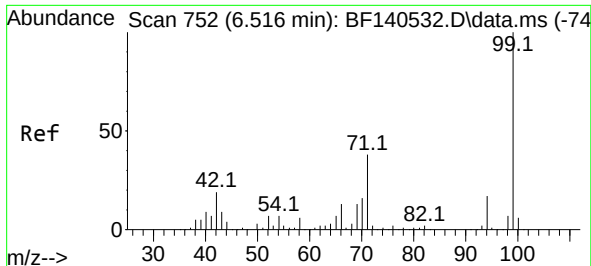
Tgt Ion:152 Resp: 62007
Ion Ratio Lower Upper
152 100
150 159.6 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 153.267 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion:112 Resp: 557002
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 30.7 27.0 40.4

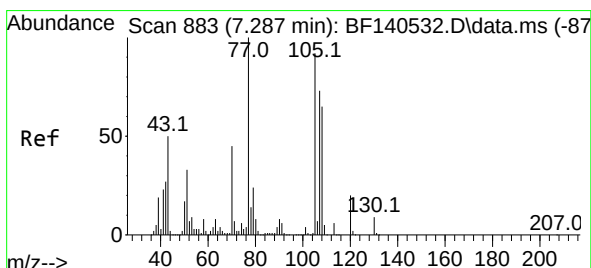
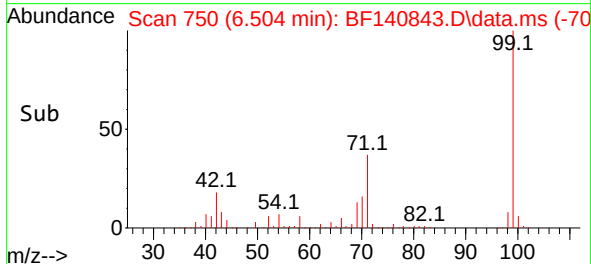
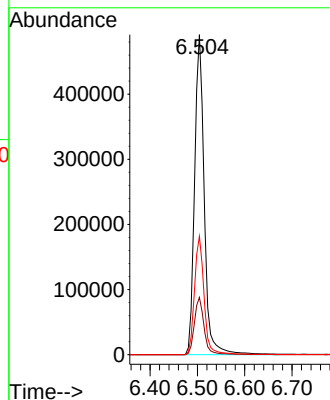
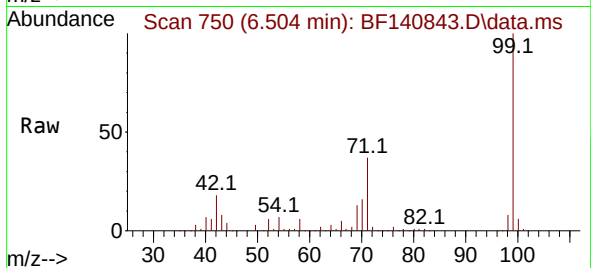




#7
Phenol-d6
Concen: 145.503 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

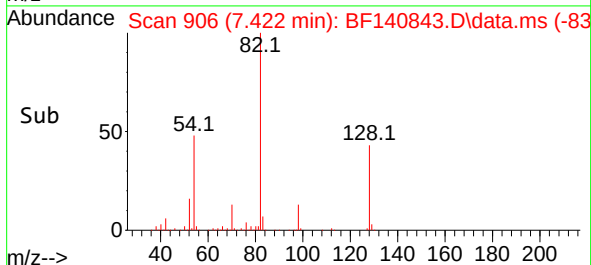
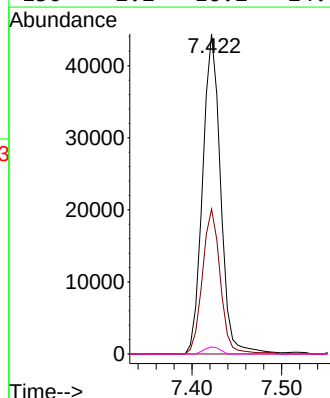
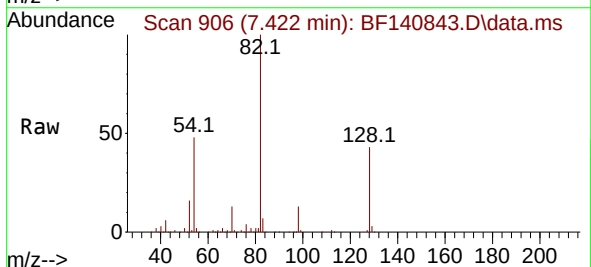
Instrument :
BNA_F
ClientSampleId :
PB165558TB

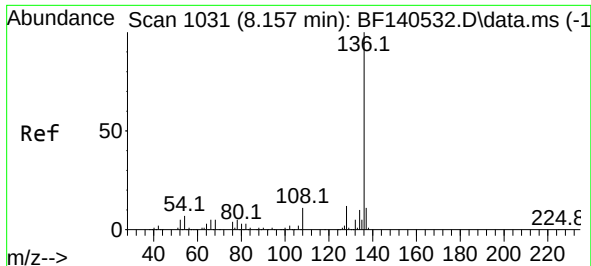
Tgt Ion: 99 Resp: 699067
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 37.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.763 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion: 70 Resp: 61795
Ion Ratio Lower Upper
70 100
42 45.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



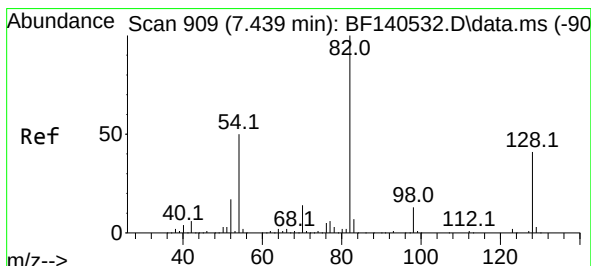
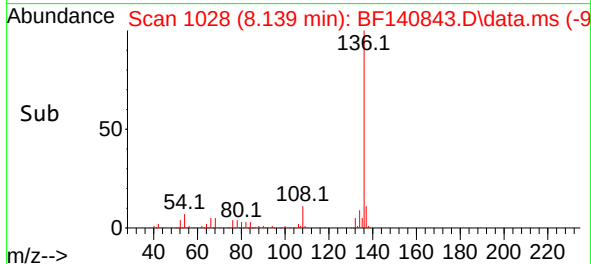
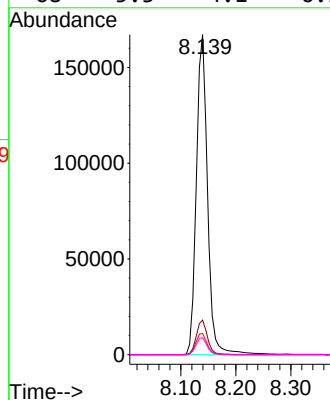
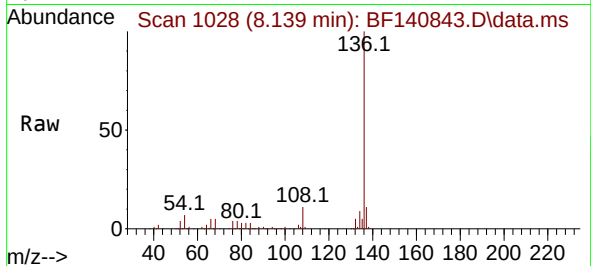


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Instrument :
BNA_F
ClientSampleId :
PB165558TB

Tgt Ion:136 Resp: 236216

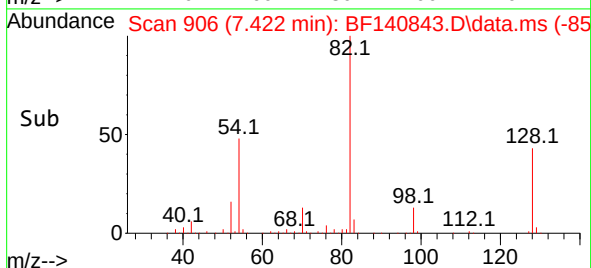
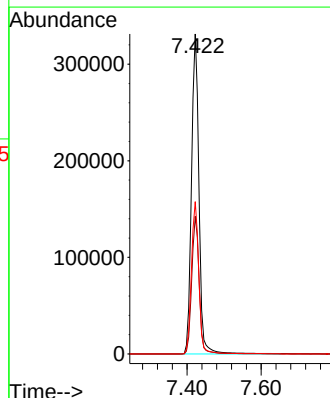
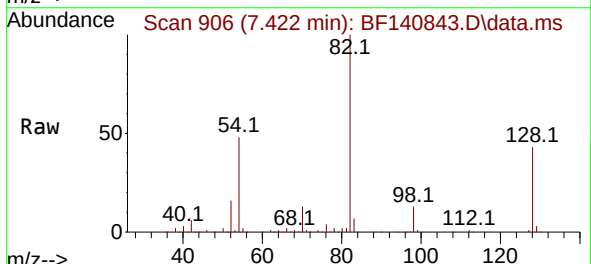
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.6	5.8	8.8
68	5.3	4.1	6.1

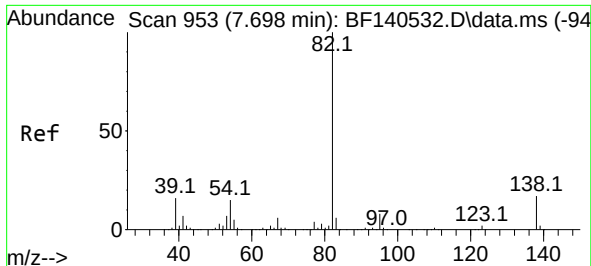


#23
Nitrobenzene-d5
Concen: 100.314 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion: 82 Resp: 463257

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	47.6	39.5	59.3

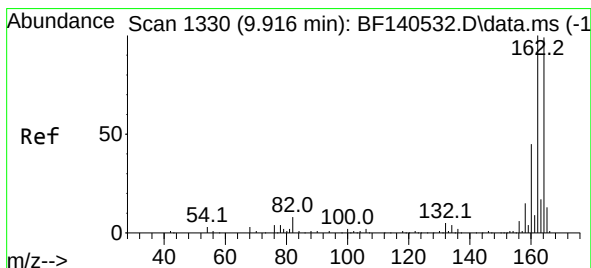
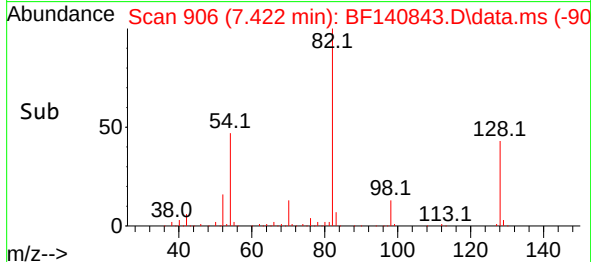
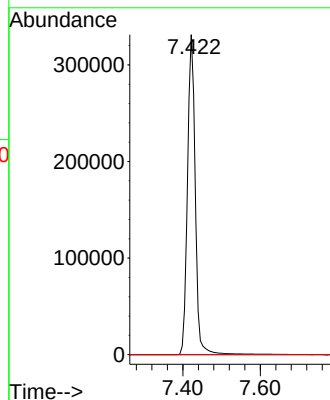
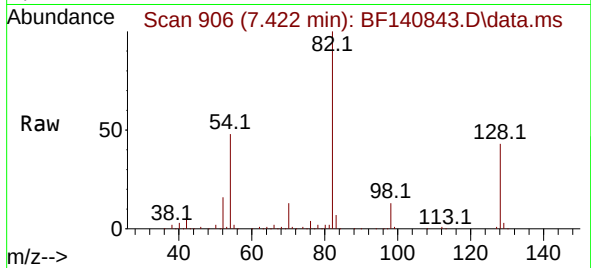




#25
Isophorone
Concen: 59.551 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

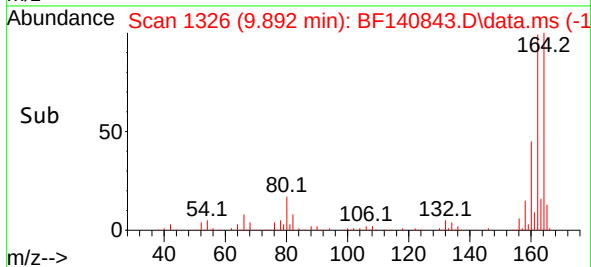
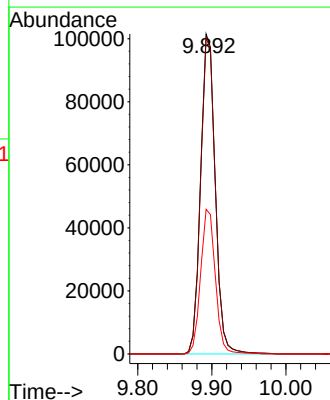
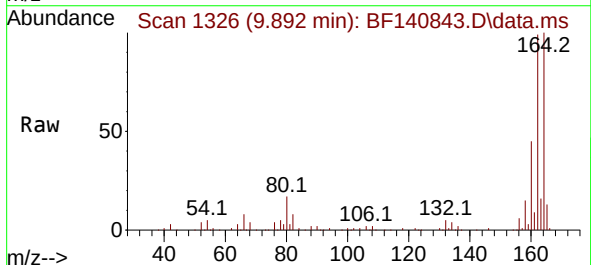
Instrument :
BNA_F
ClientSampleId :
PB165558TB

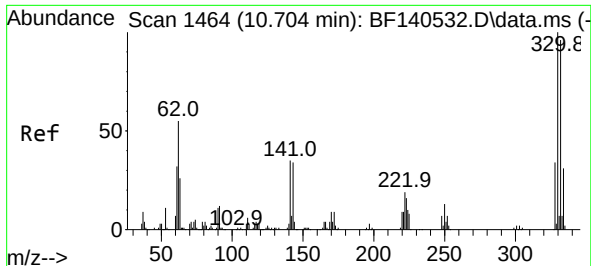
Tgt Ion: 82 Resp: 458699
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.024 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion:164 Resp: 139268
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 149.620 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140843.D

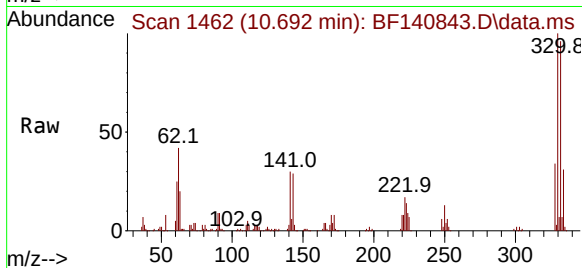
Acq: 13 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165558TB



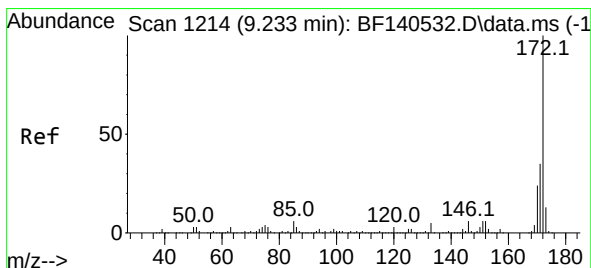
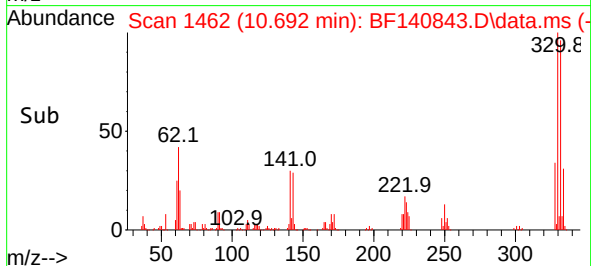
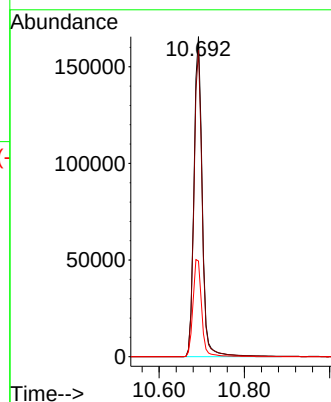
Tgt Ion:330 Resp: 222856

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

141 31.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 102.929 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.024 min

Lab File: BF140843.D

Acq: 13 Dec 2024 14:32

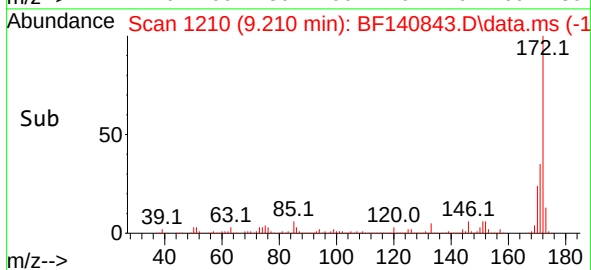
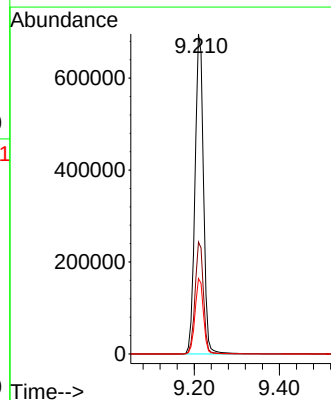
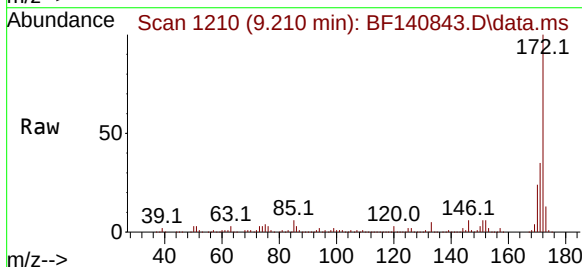
Tgt Ion:172 Resp: 962099

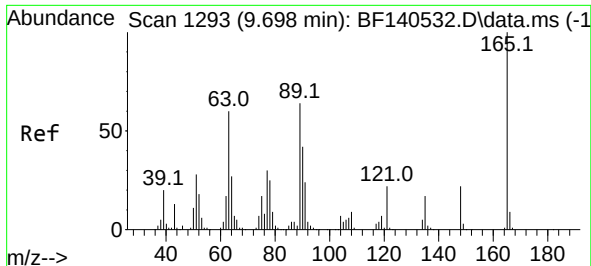
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.0 28.6

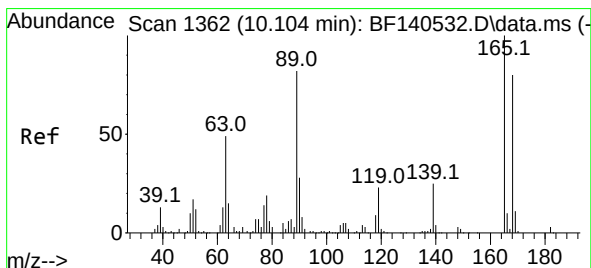
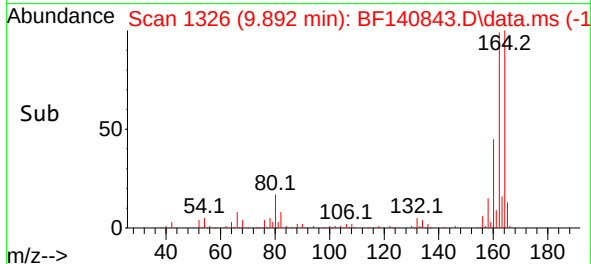
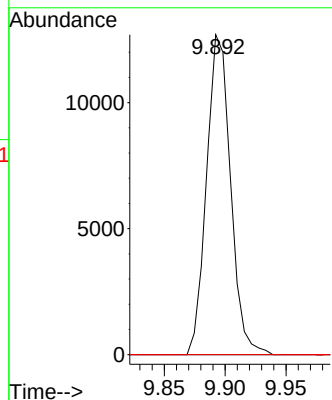
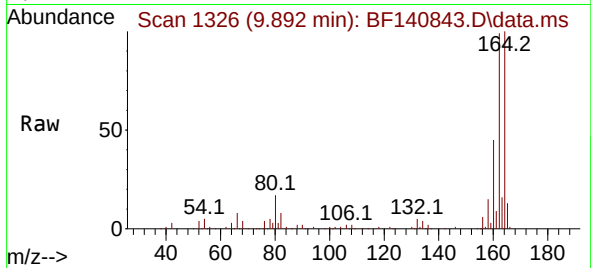




#51
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

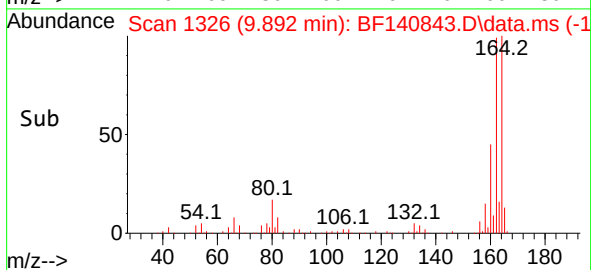
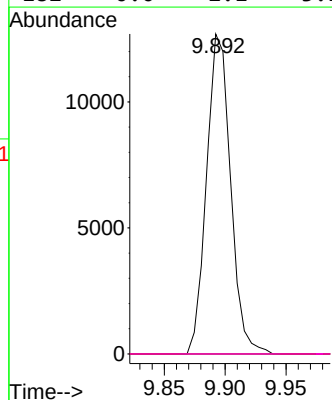
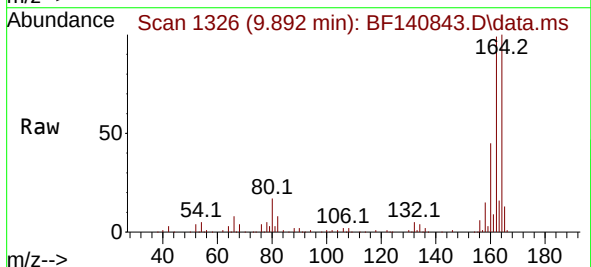
Instrument :
BNA_F
ClientSampleId :
PB165558TB

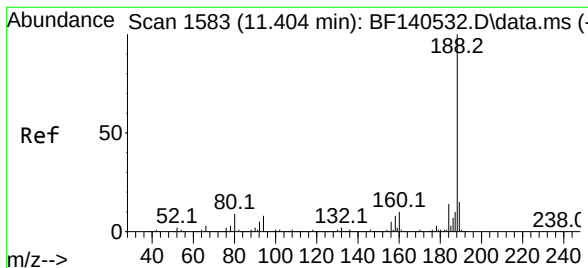
Tgt Ion:165 Resp: 17402
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.294 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.212 min
Lab File: BF140843.D
Acq: 13 Dec 2024 14:32

Tgt Ion:165 Resp: 17402
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.386 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140843.D

Acq: 13 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165558TB

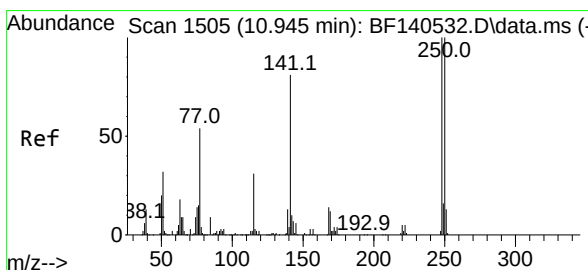
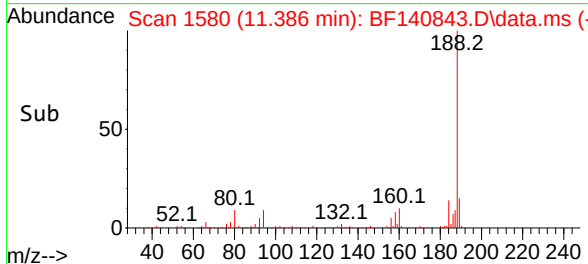
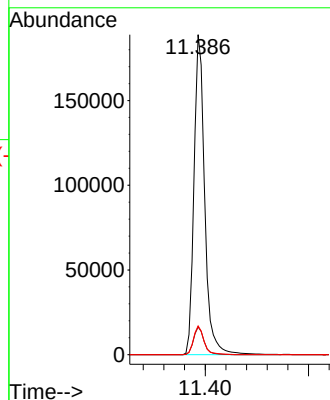
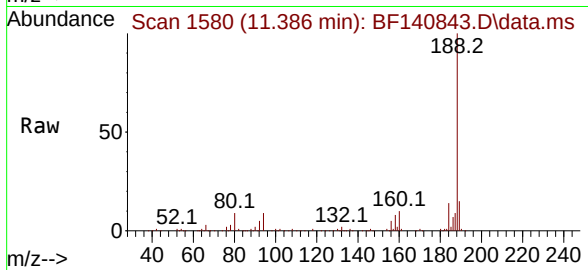
Tgt Ion:188 Resp: 271237

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.0 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.856 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.253 min

Lab File: BF140843.D

Acq: 13 Dec 2024 14:32

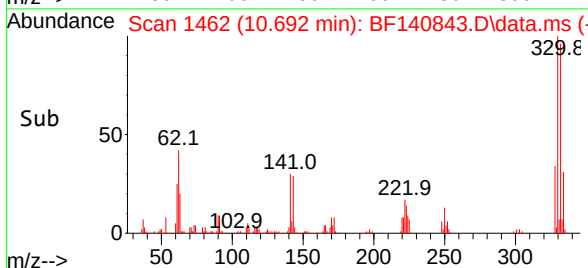
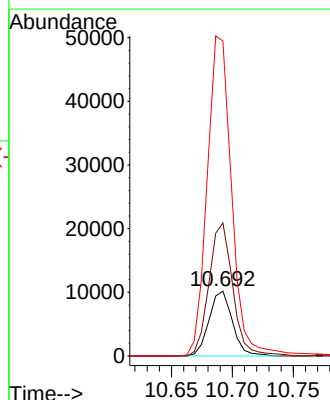
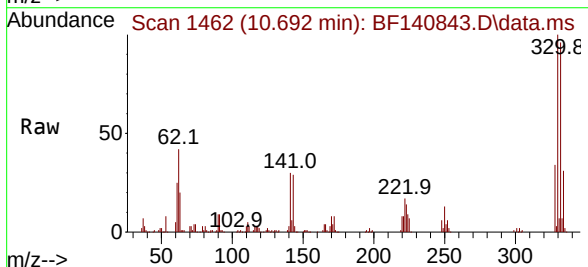
Tgt Ion:248 Resp: 13565

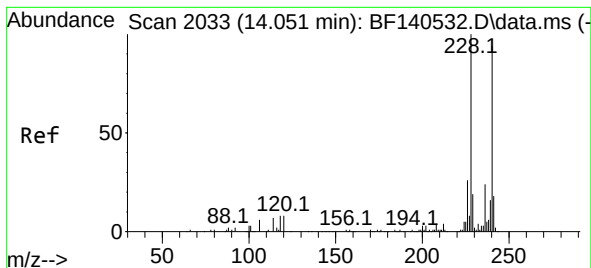
Ion Ratio Lower Upper

248 100

250 205.0 79.8 119.8#

141 485.7 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: BF140843.D

Acq: 13 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165558TB

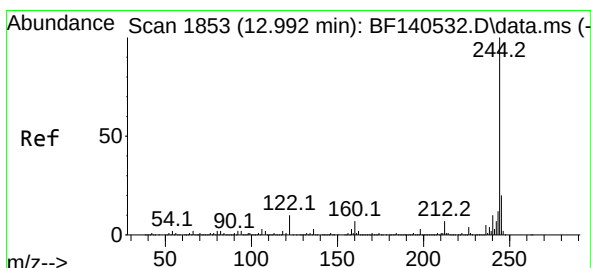
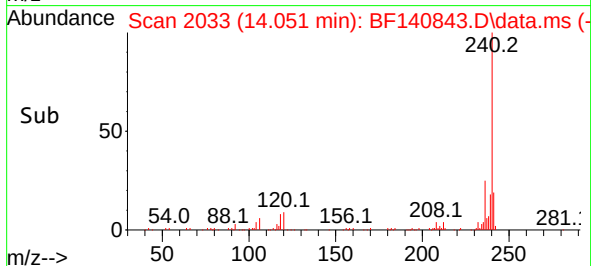
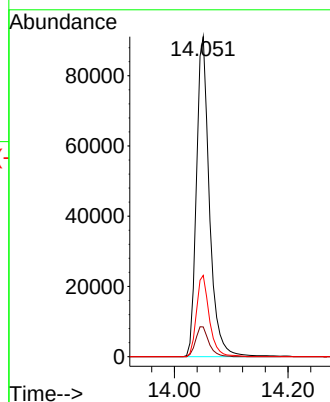
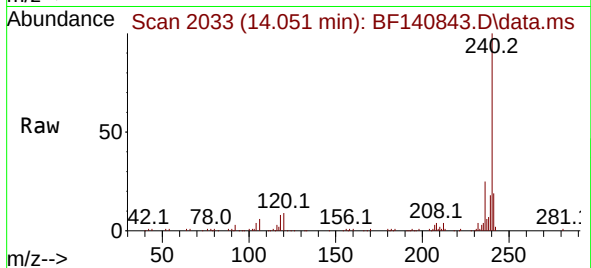
Tgt Ion:240 Resp: 145005

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 116.610 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140843.D

Acq: 13 Dec 2024 14:32

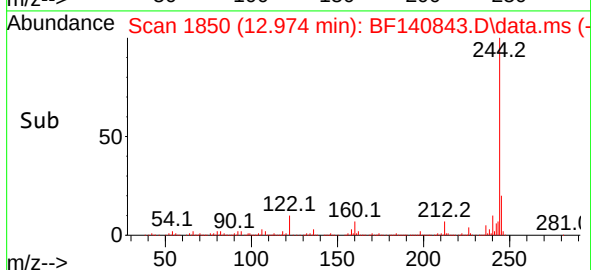
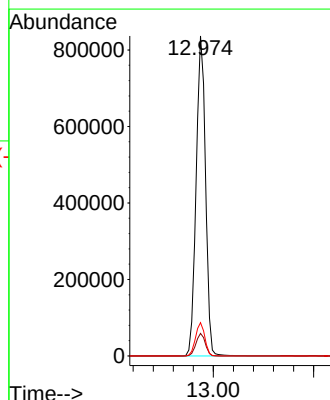
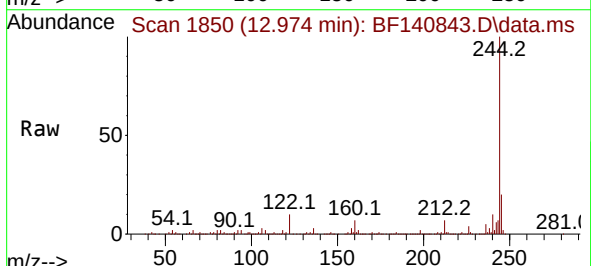
Tgt Ion:244 Resp: 1085912

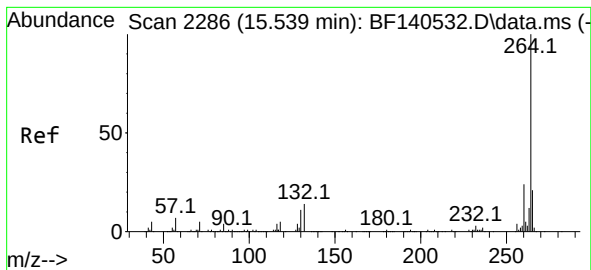
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.4 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140843.D

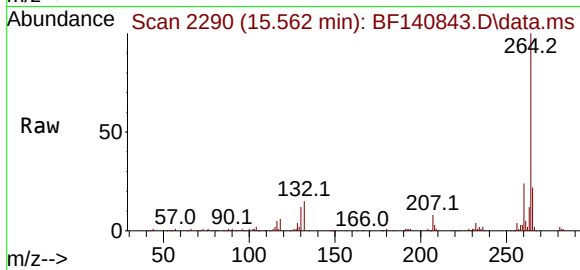
Acq: 13 Dec 2024 14:32

Instrument :

BNA_F

ClientSampleId :

PB165558TB



Tgt Ion:264 Resp: 137029

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.1 16.6 25.0

