

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140841.D
 Acq On : 13 Dec 2024 13:39
 Operator : RC/JU
 Sample : PB165590BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

Quant Time: Dec 13 15:26:55 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)

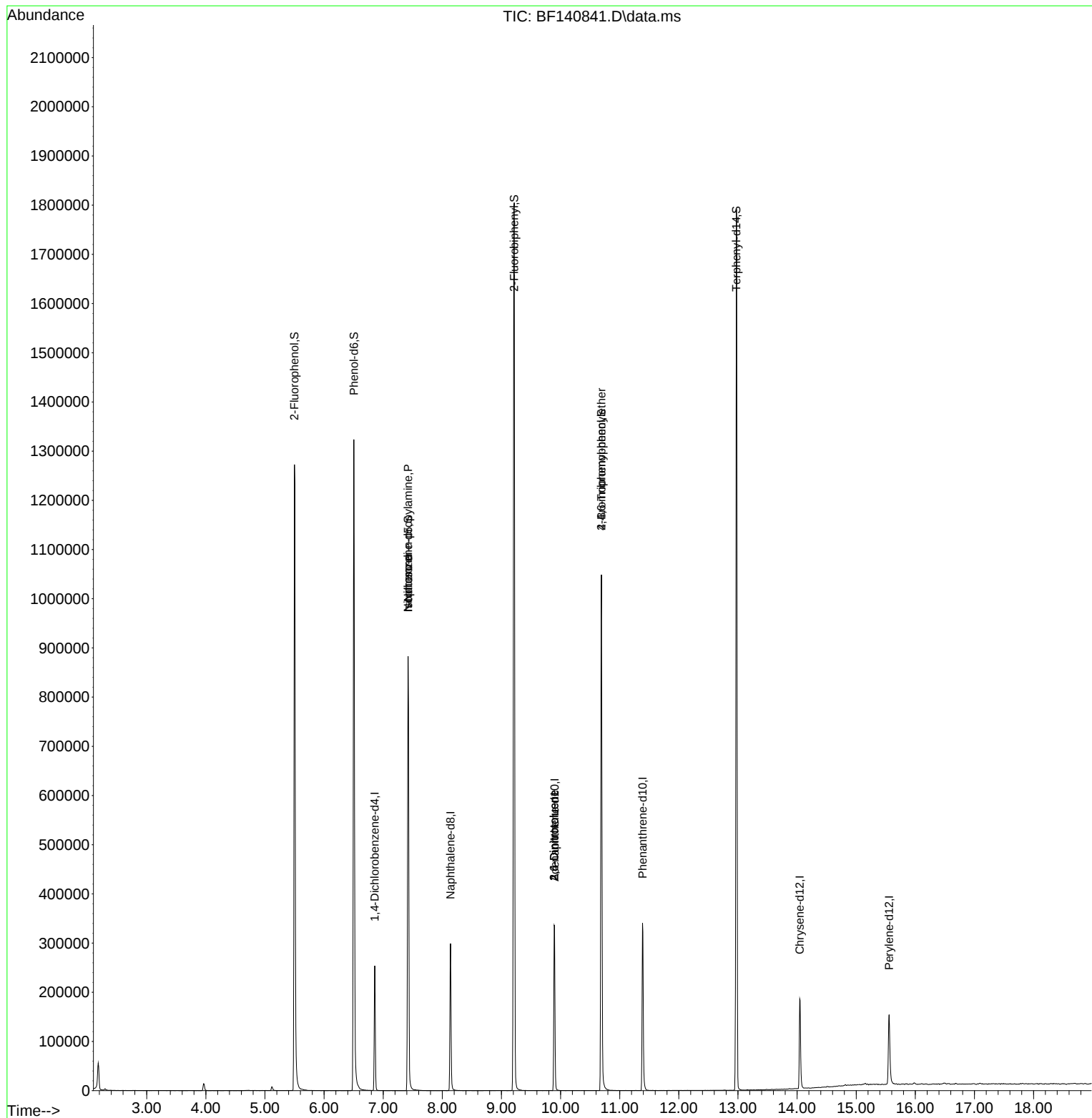
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	55621	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	202060	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	114755	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	213713	20.000	ng	-0.02
76) Chrysene-d12	14.045	240	108499	20.000	ng	0.00
86) Perylene-d12	15.556	264	112137	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	518518	159.059	ng	0.00
7) Phenol-d6	6.504	99	659683	153.070	ng	-0.01
23) Nitrobenzene-d5	7.422	82	427175	108.137	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	193918	158.002	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	879843	114.236	ng	-0.02
79) Terphenyl-d14	12.974	244	895236	128.480	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	57801	22.694	ng	# 76
25) Isophorone	7.422	82	423472	64.271	ng	# 66
51) 2,6-Dinitrotoluene	9.892	165	14393	8.397	ng	# 19
57) 2,4-Dinitrotoluene	9.892	165	14393	6.318	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	12244	5.563	ng	# 1

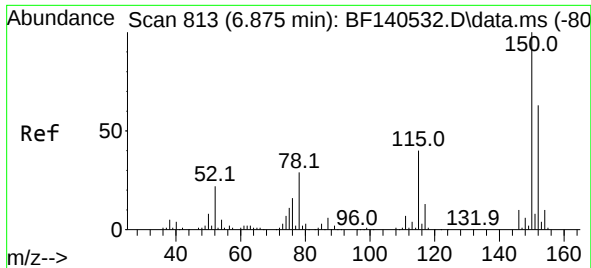
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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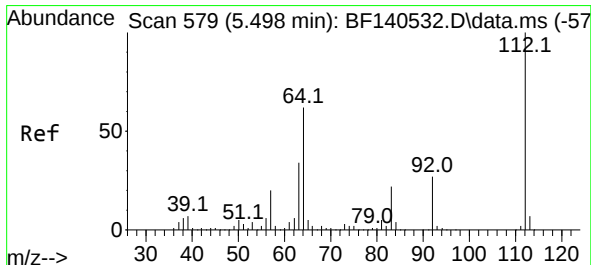
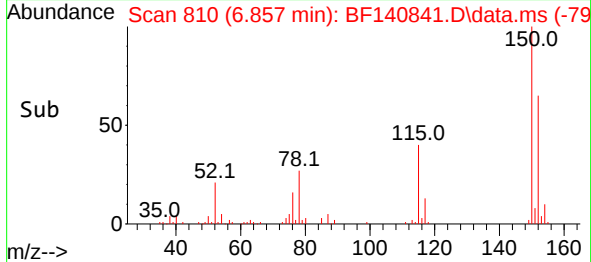
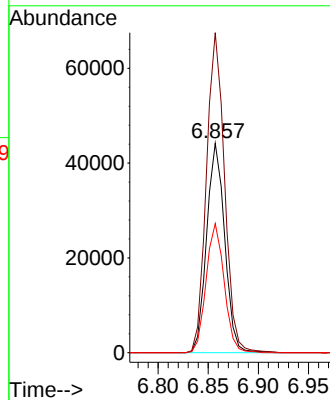
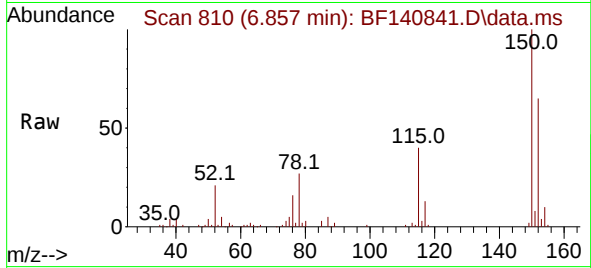




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

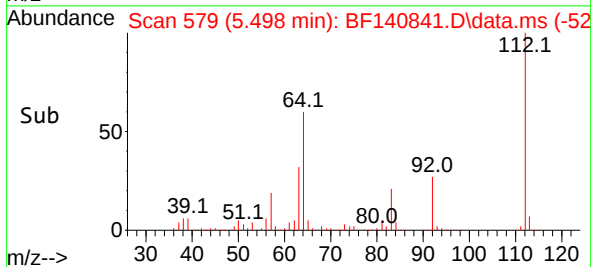
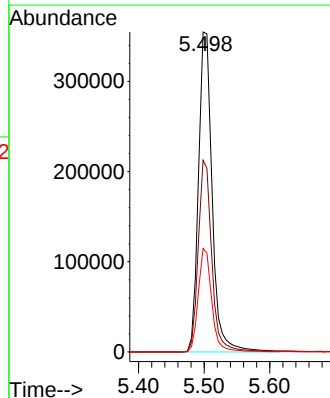
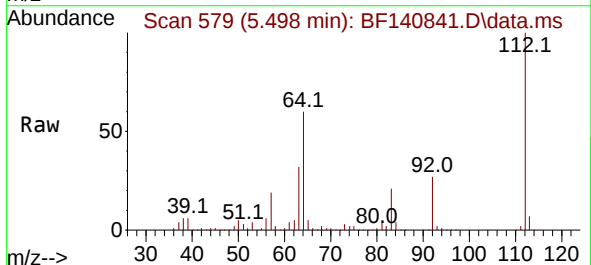
Instrument :
BNA_F
ClientSampleId :
PB165590BL

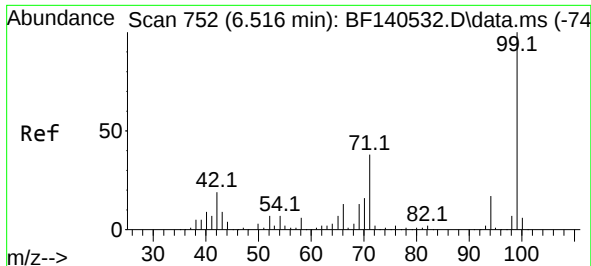
Tgt Ion:152 Resp: 55621
Ion Ratio Lower Upper
152 100
150 152.7 128.5 192.7
115 61.7 50.2 75.4



#5
2-Fluorophenol
Concen: 159.059 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:112 Resp: 518518
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.3 27.0 40.4

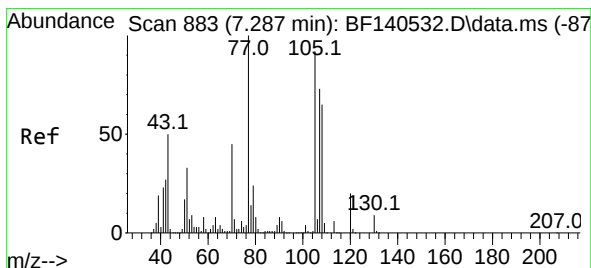
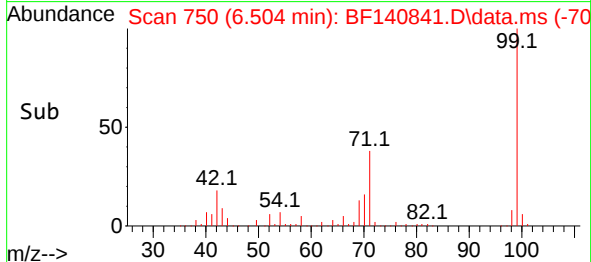
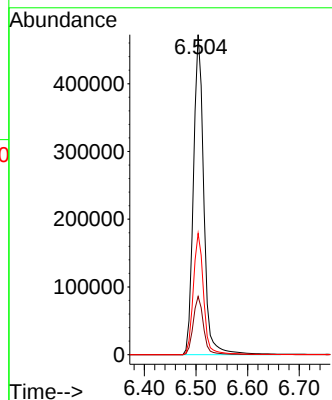
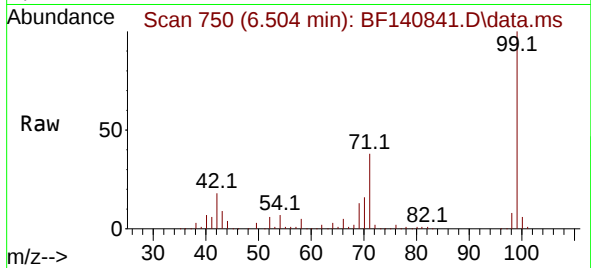




#7
Phenol-d6
Concen: 153.070 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

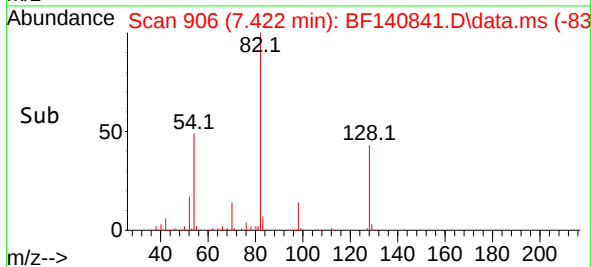
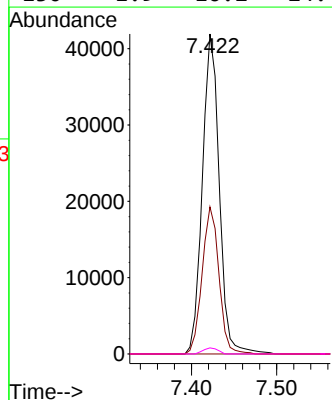
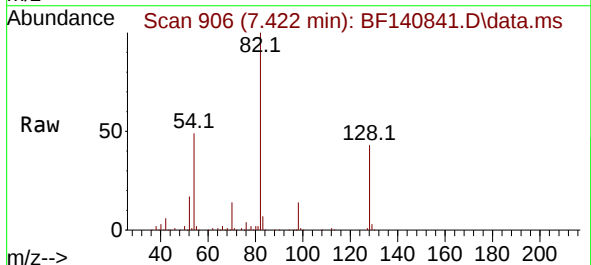
Instrument :
BNA_F
ClientSampleId :
PB165590BL

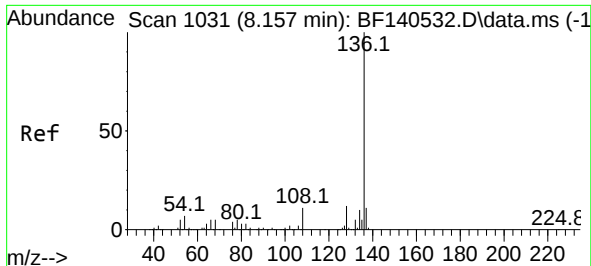
Tgt Ion: 99 Resp: 659683
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.694 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion: 70 Resp: 57801
Ion Ratio Lower Upper
70 100
42 46.0 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



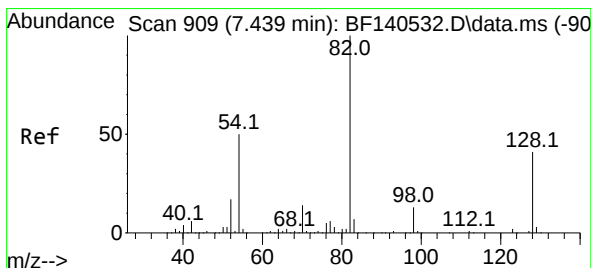
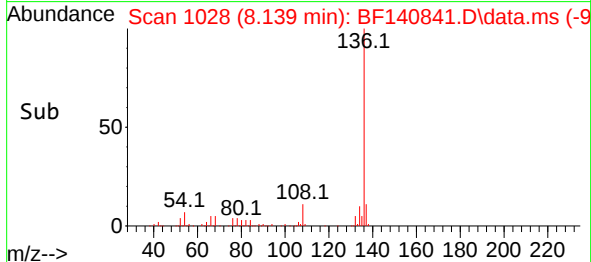
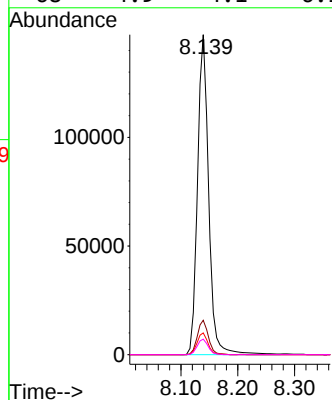
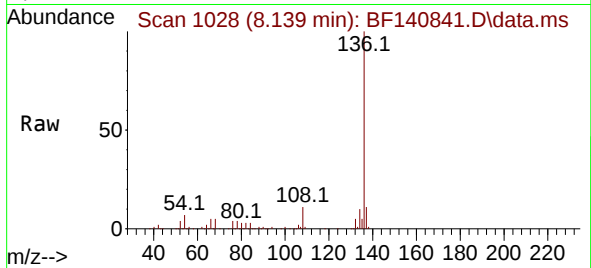


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB165590BL

Tgt Ion:136 Resp: 202060

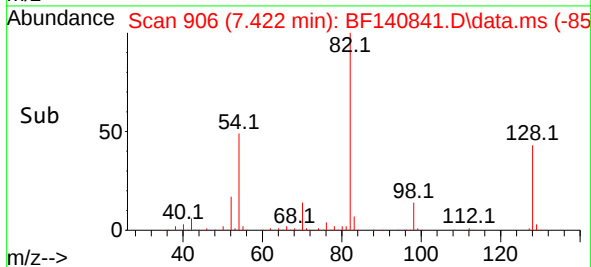
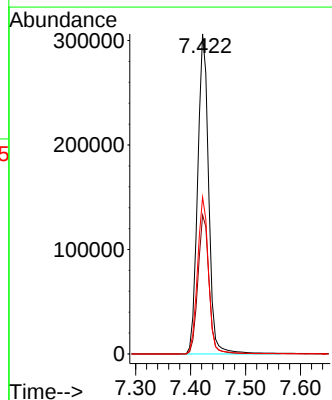
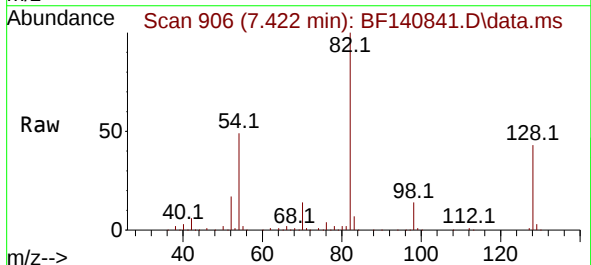
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	4.9	4.1	6.1

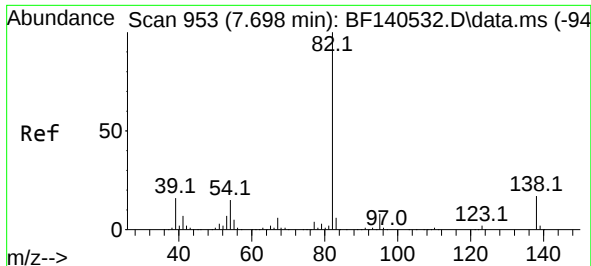


#23
Nitrobenzene-d5
Concen: 108.137 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion: 82 Resp: 427175

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.0	49.4
54	49.0	39.5	59.3

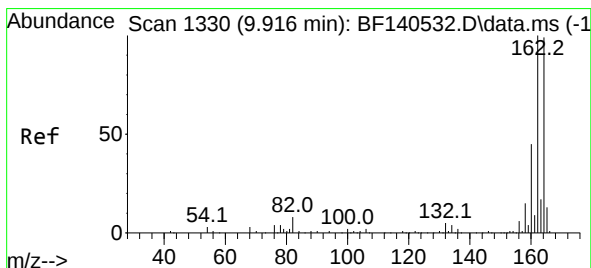
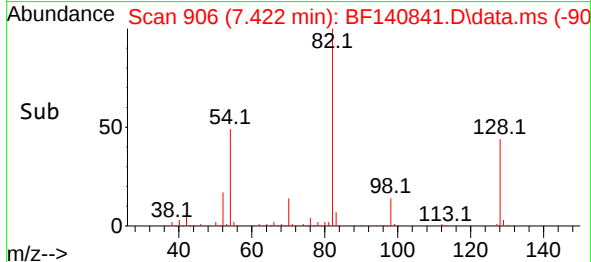
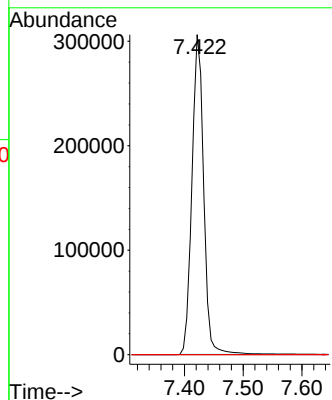
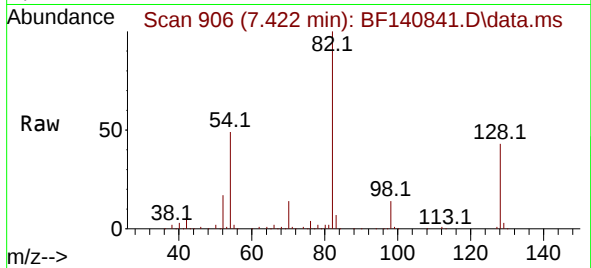




#25
Isophorone
Concen: 64.271 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

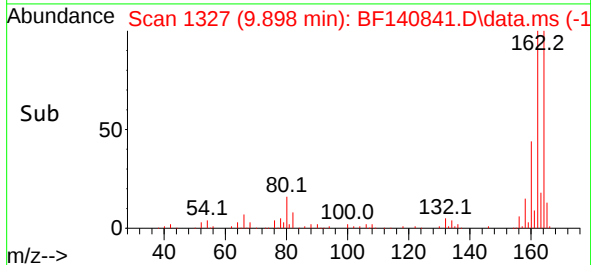
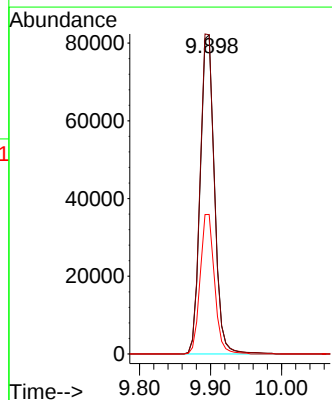
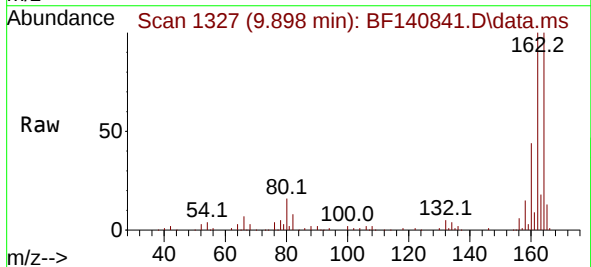
Instrument :
BNA_F
ClientSampleId :
PB165590BL

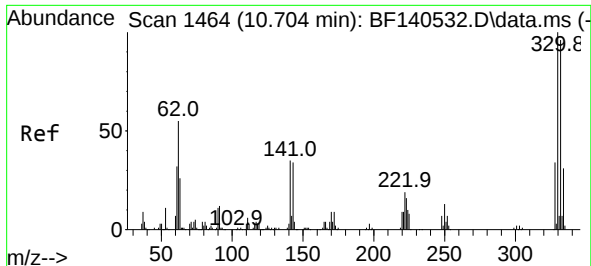
Tgt Ion: 82 Resp: 423472
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:164 Resp: 114755
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 158.002 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140841.D

Acq: 13 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165590BL

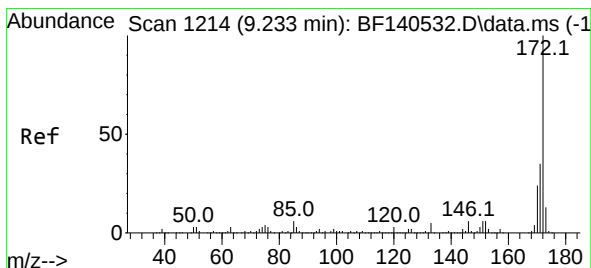
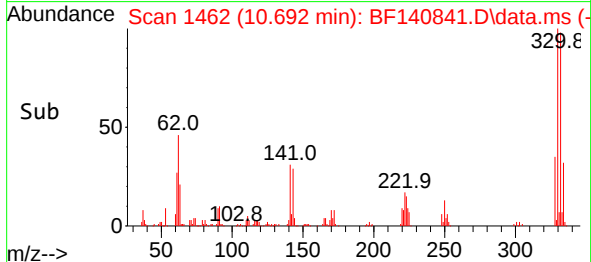
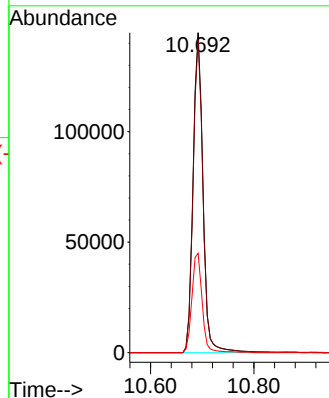
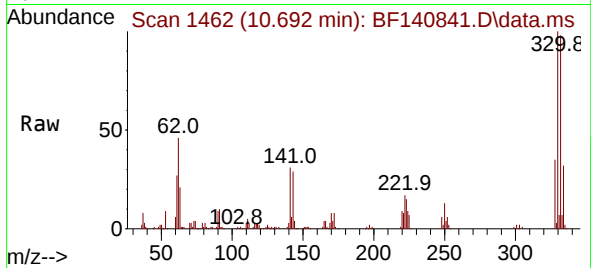
Tgt Ion:330 Resp: 193918

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 32.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 114.236 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140841.D

Acq: 13 Dec 2024 13:39

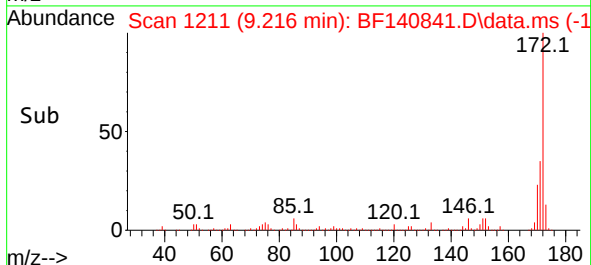
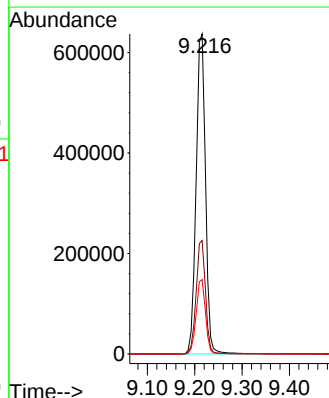
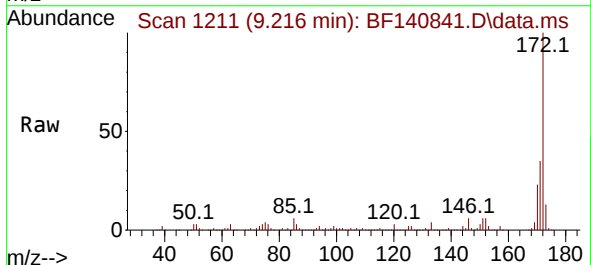
Tgt Ion:172 Resp: 879843

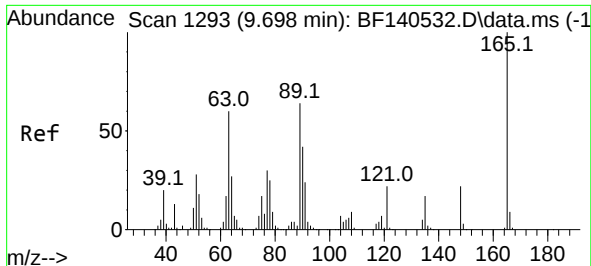
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6

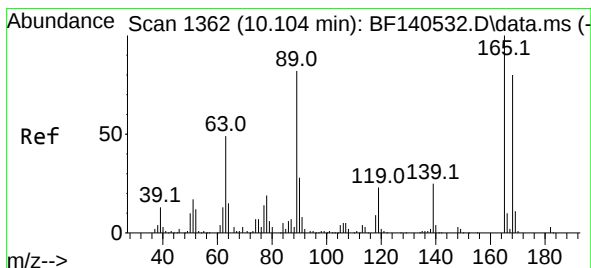
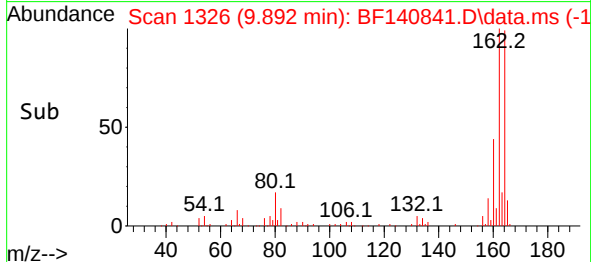
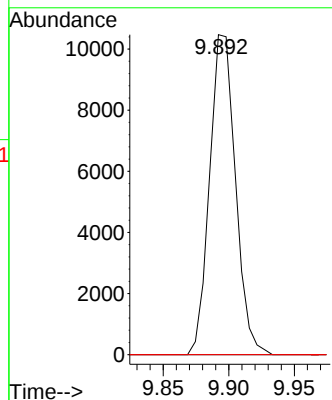
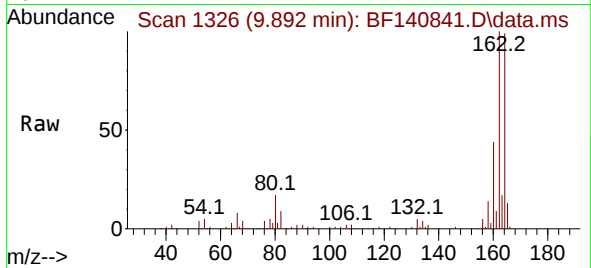




#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

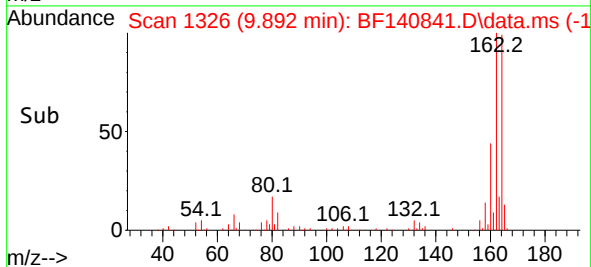
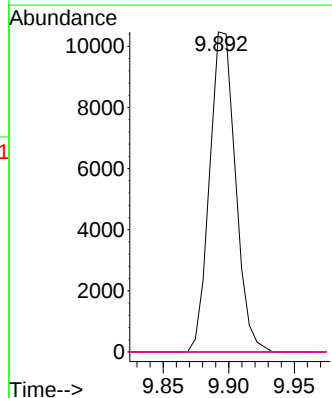
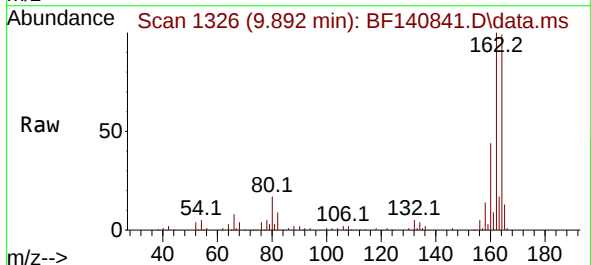
Instrument :
BNA_F
ClientSampleId :
PB165590BL

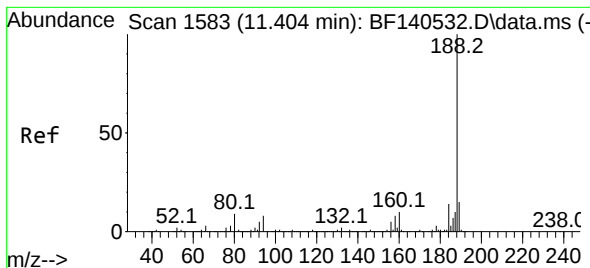
Tgt Ion:165 Resp: 14393
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.212 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:165 Resp: 14393
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: BF140841.D

Acq: 13 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165590BL

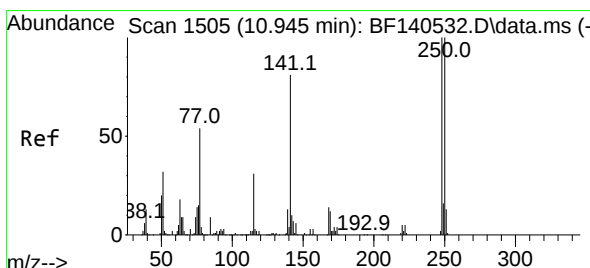
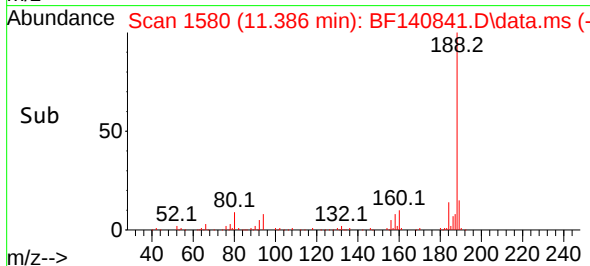
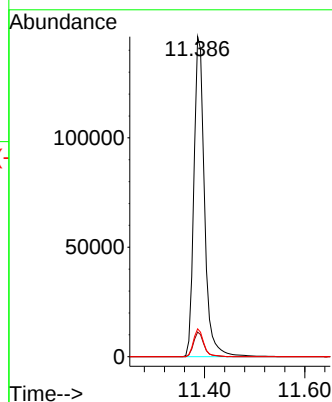
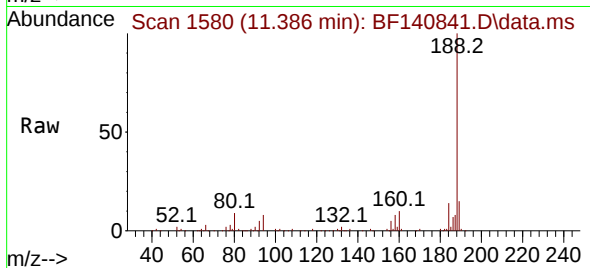
Tgt Ion:188 Resp: 213713

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.7 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.563 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.253 min

Lab File: BF140841.D

Acq: 13 Dec 2024 13:39

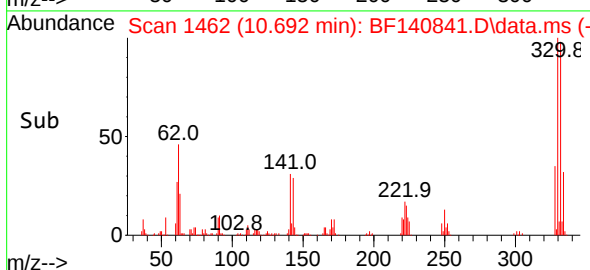
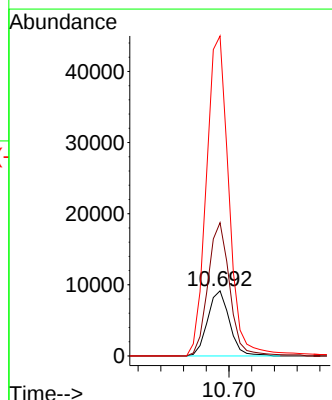
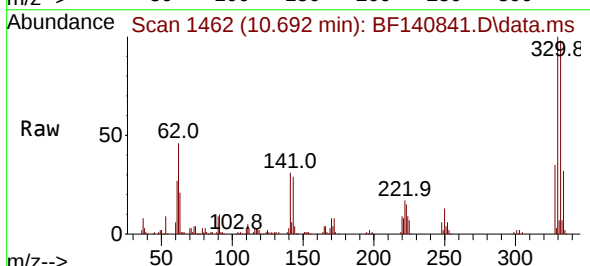
Tgt Ion:248 Resp: 12244

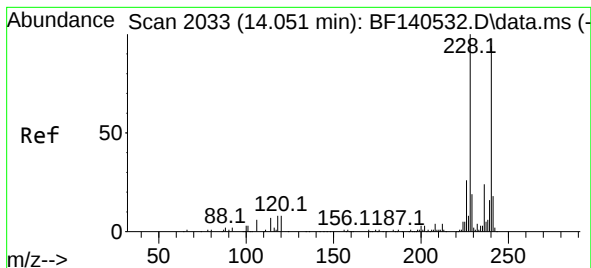
Ion Ratio Lower Upper

248 100

250 205.0 79.8 119.8#

141 491.9 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: BF140841.D

Acq: 13 Dec 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB165590BL

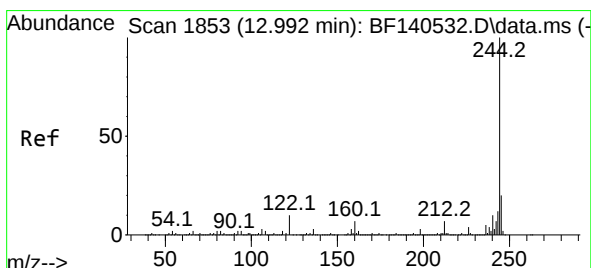
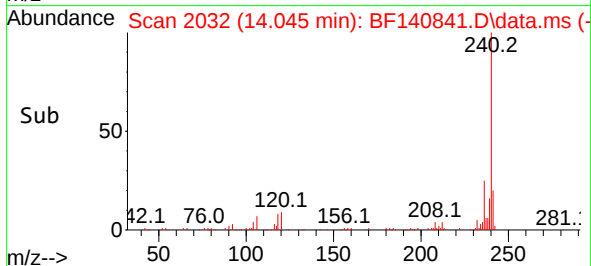
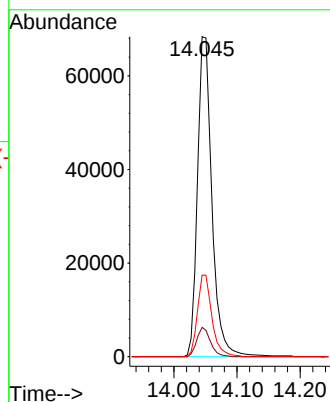
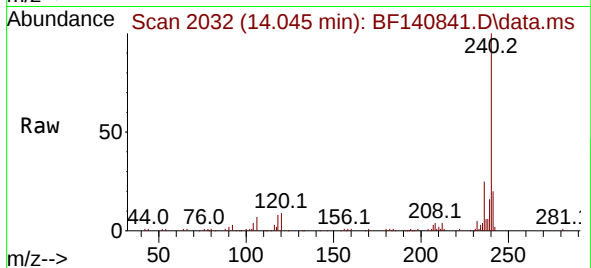
Tgt Ion:240 Resp: 108499

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 128.480 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140841.D

Acq: 13 Dec 2024 13:39

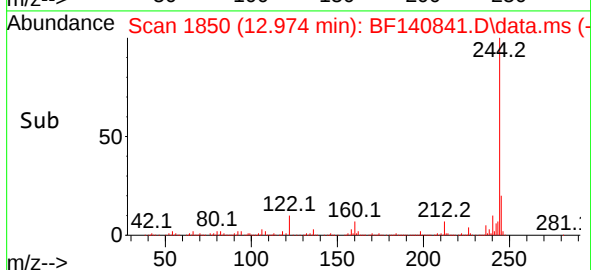
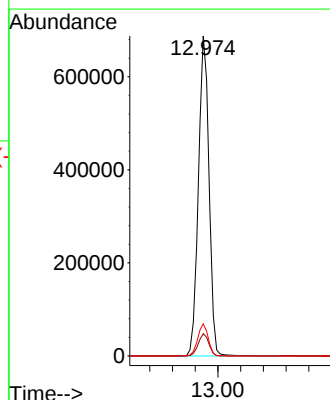
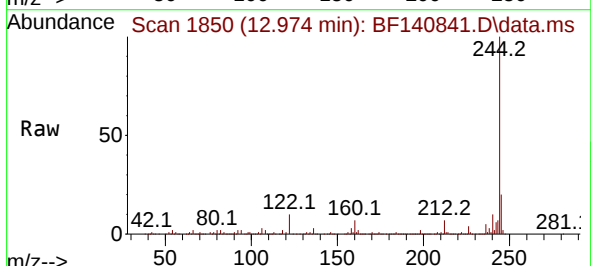
Tgt Ion:244 Resp: 895236

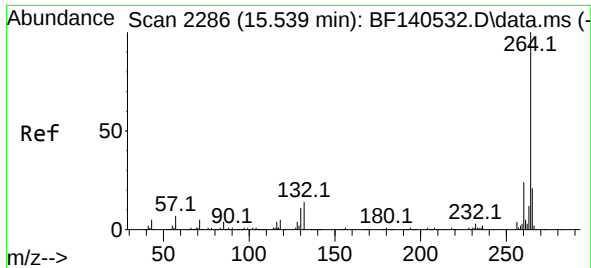
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB165590BL

Tgt Ion:264 Resp: 112137
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 19.9 16.6 25.0

