

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140823.D
 Acq On : 11 Dec 2024 12:30
 Operator : RC/JU
 Sample : PB165525BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165525BL

Quant Time: Dec 11 13:51:32 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)

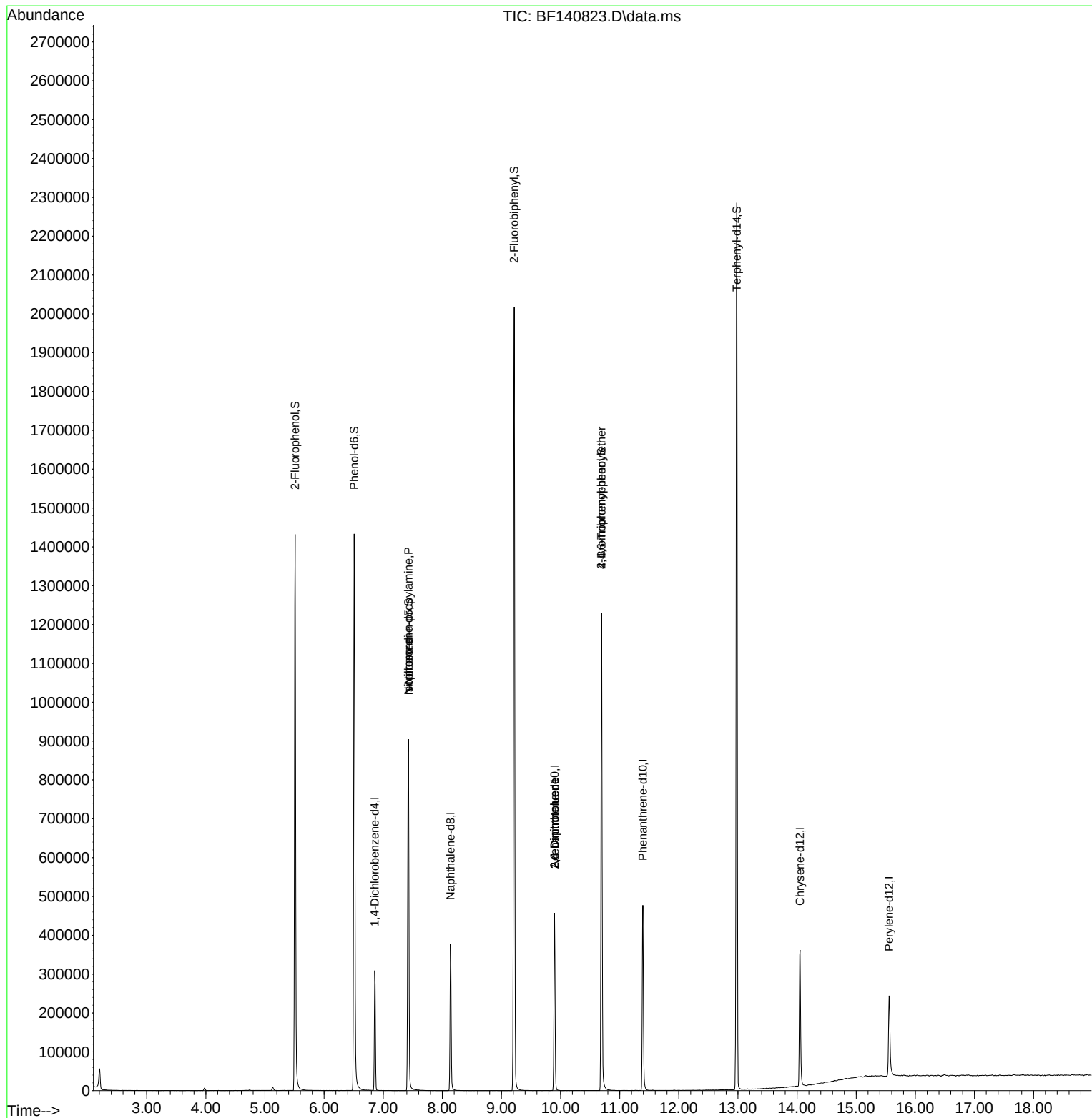
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66231	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	259234	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	144317	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	285408	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	199148	20.000	ng	0.00
86) Perylene-d12	15.556	264	153782	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	557728	143.679	ng	0.01
7) Phenol-d6	6.510	99	716604	139.641	ng	0.00
23) Nitrobenzene-d5	7.428	82	455265	89.830	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	227093	147.130	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	950085	98.088	ng	-0.02
79) Terphenyl-d14	12.980	244	1172094	91.646	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	61932	20.420	ng	# 75
25) Isophorone	7.428	82	453555	53.655	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18056	8.376	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	18056	6.303	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	14240	4.845	ng	# 1

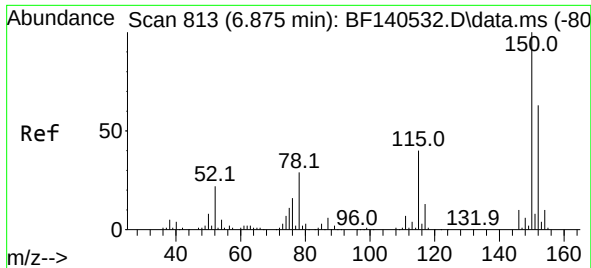
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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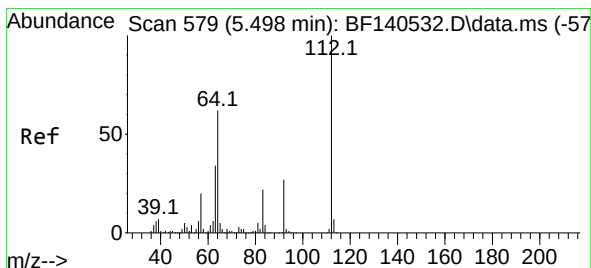
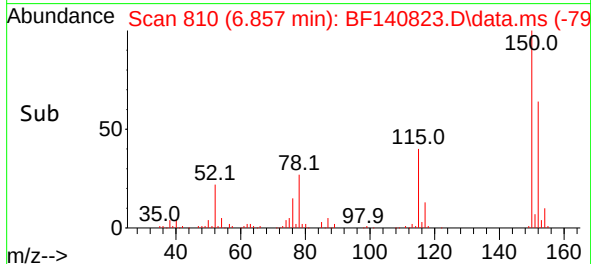
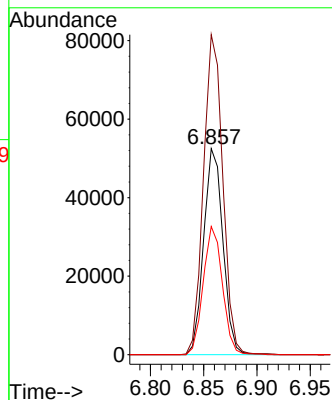
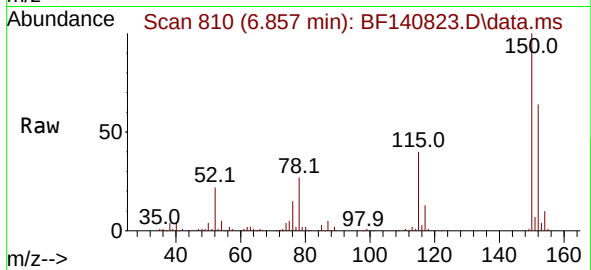




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

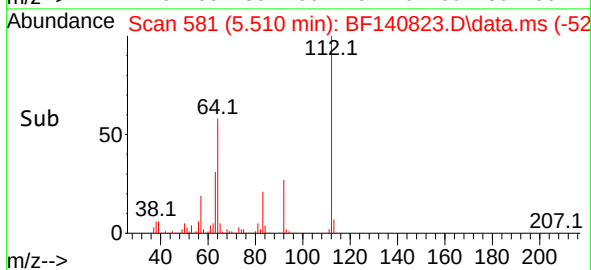
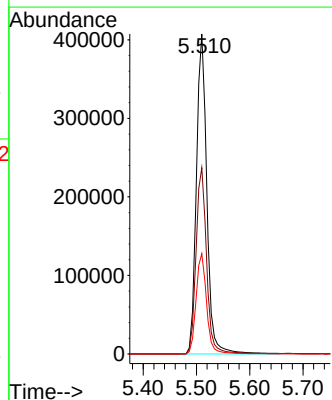
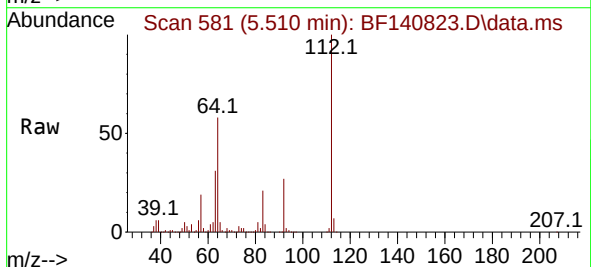
Instrument :
BNA_F
ClientSampleId :
PB165525BL

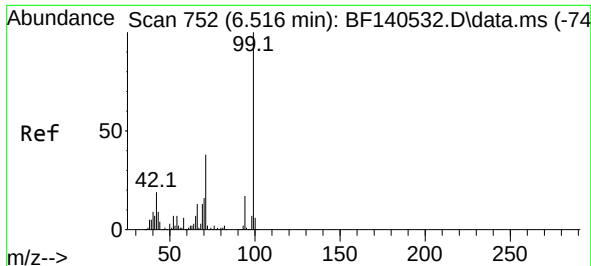
Tgt Ion:152 Resp: 66231
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 143.679 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Tgt Ion:112 Resp: 557728
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.4 27.0 40.4





#7

Phenol-d6

Concen: 139.641 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

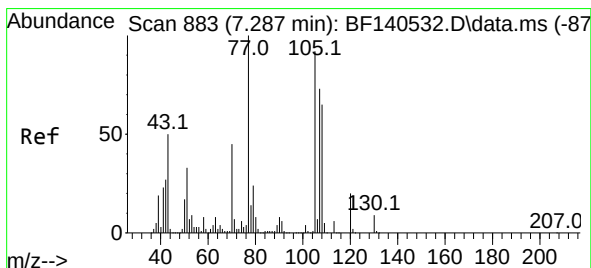
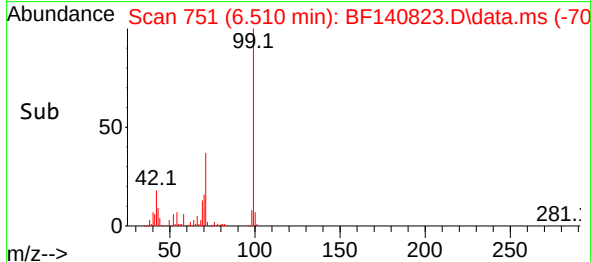
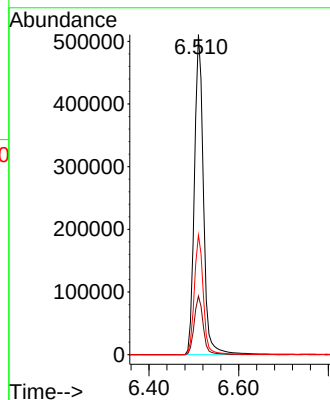
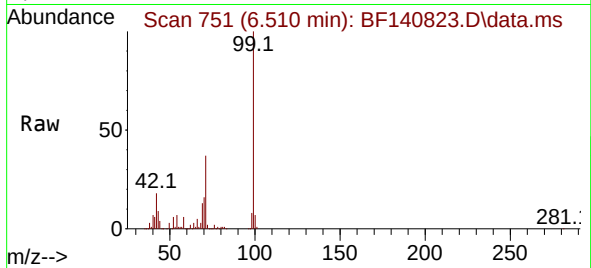
Tgt Ion: 99 Resp: 716604

Ion Ratio Lower Upper

99 100

42 18.3 15.4 23.0

71 37.4 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.420 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.141 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Tgt Ion: 70 Resp: 61932

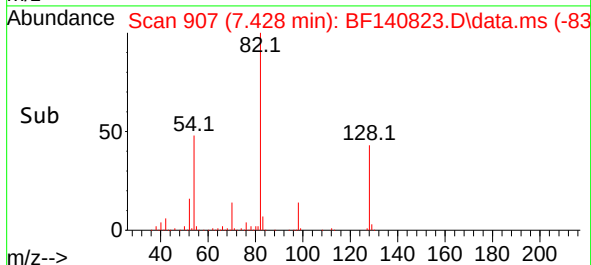
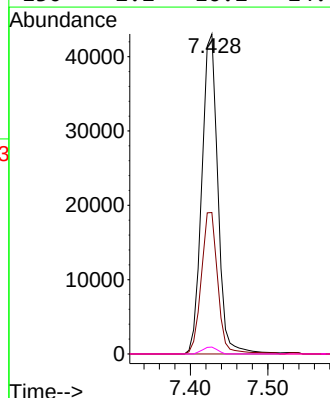
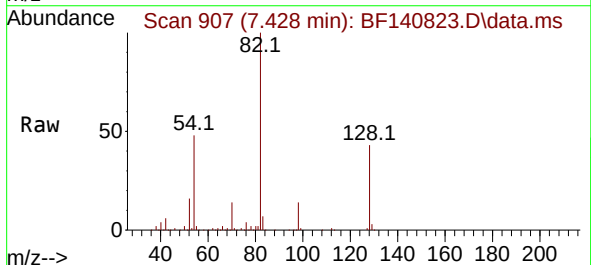
Ion Ratio Lower Upper

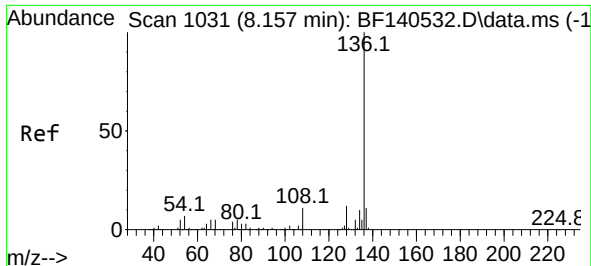
70 100

42 44.2 47.6 71.4#

101 0.0 7.6 11.4#

130 2.2 16.2 24.4#



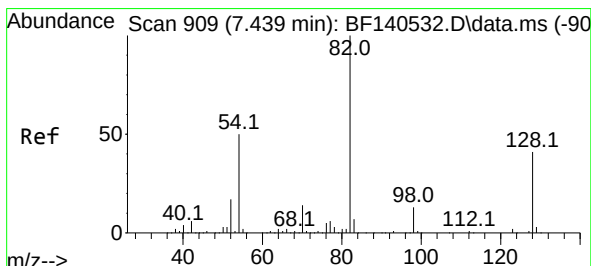
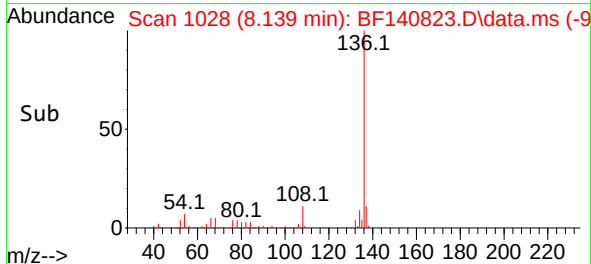
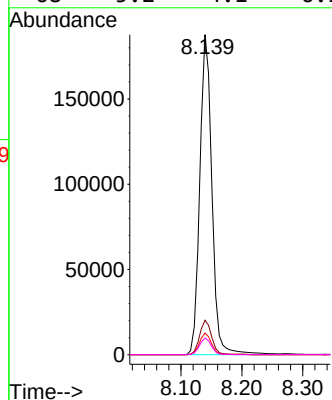
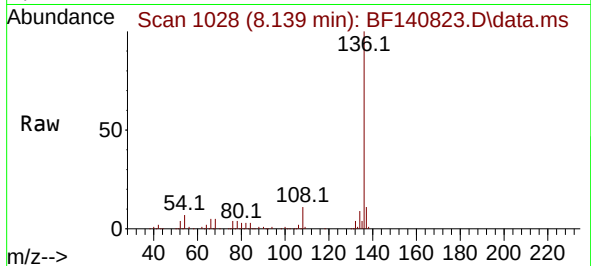


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Instrument :
BNA_F
ClientSampleId :
PB165525BL

Tgt Ion:136 Resp: 259234

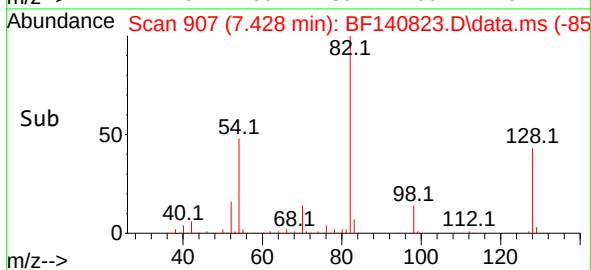
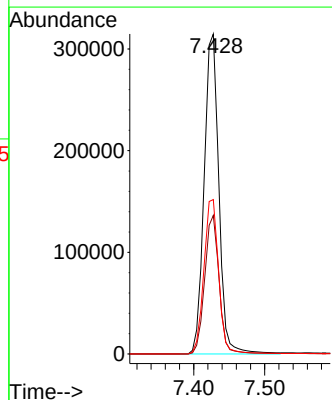
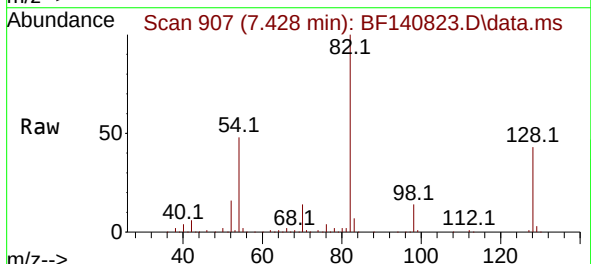
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.8
68	5.2	4.1	6.1

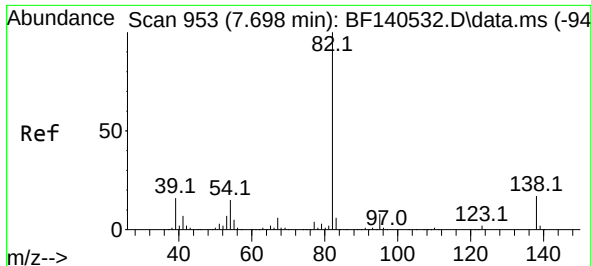


#23
Nitrobenzene-d5
Concen: 89.830 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Tgt Ion: 82 Resp: 455265

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	48.2	39.5	59.3

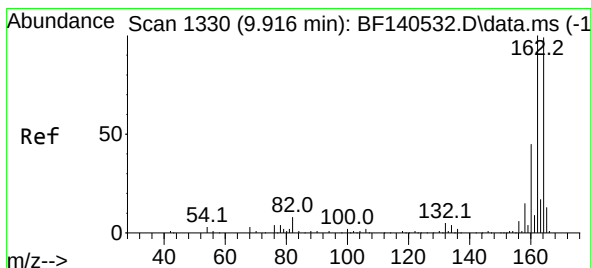
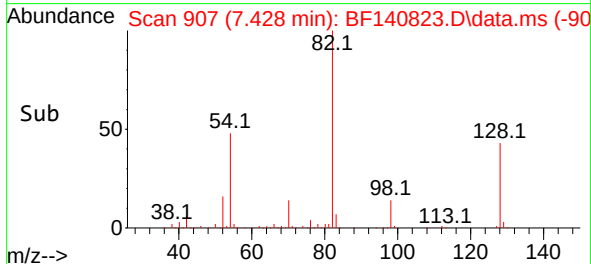
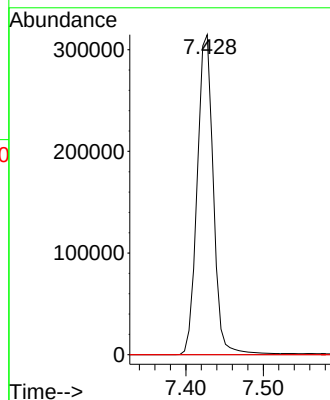
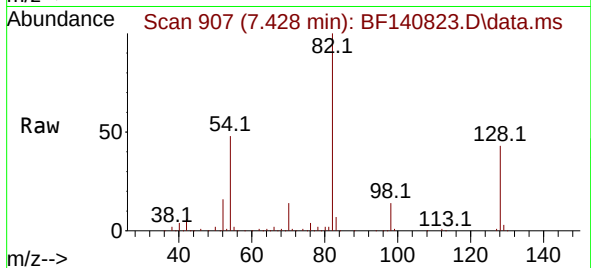




#25
Isophorone
Concen: 53.655 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

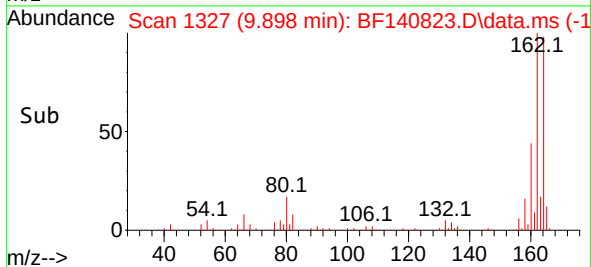
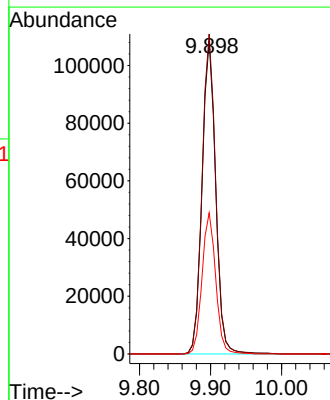
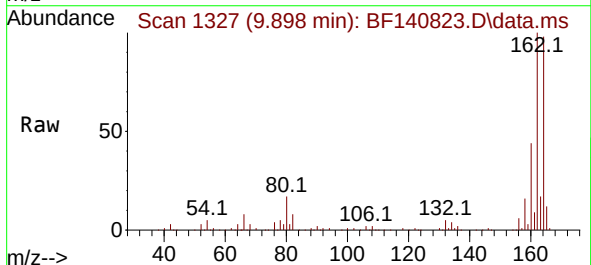
Instrument :
BNA_F
ClientSampleId :
PB165525BL

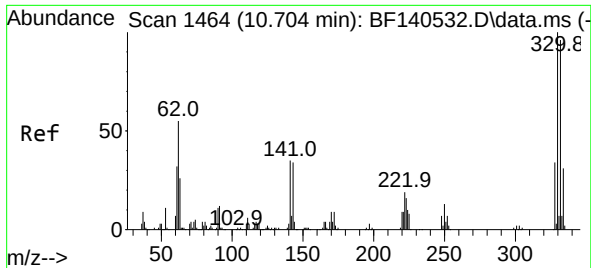
Tgt Ion: 82 Resp: 453555
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

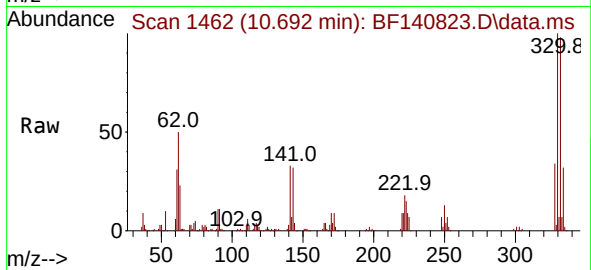
Tgt Ion:164 Resp: 144317
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.1 36.2 54.4



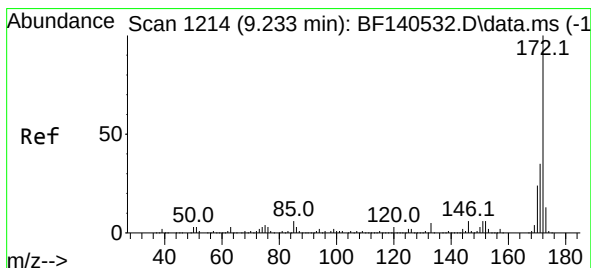
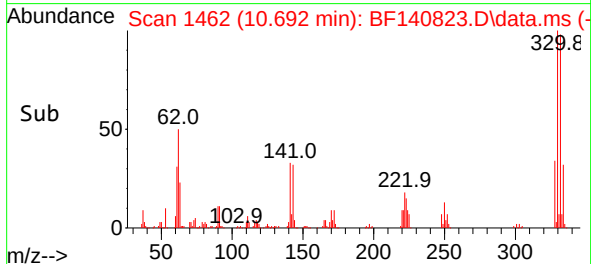
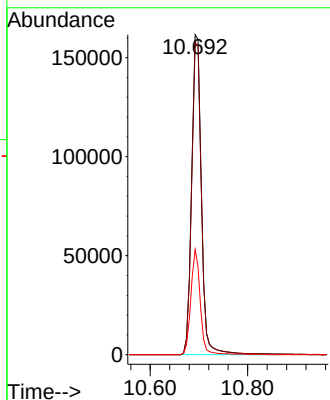


#42
2,4,6-Tribromophenol
Concen: 147.130 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Instrument :
BNA_F
ClientSampleId :
PB165525BL

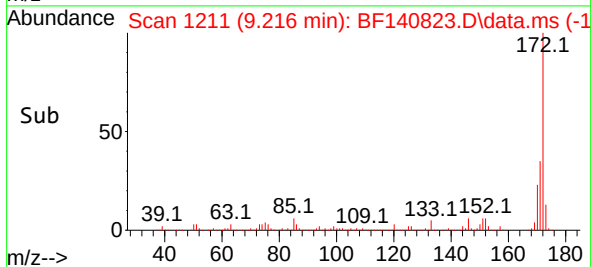
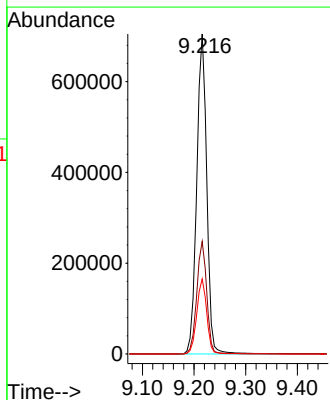
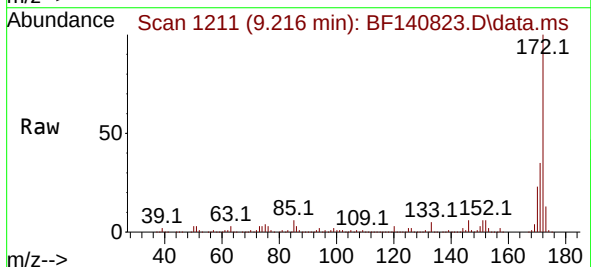


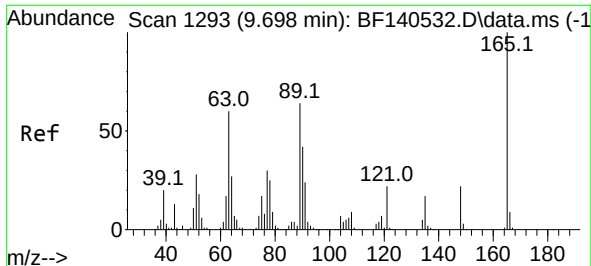
Tgt Ion:330 Resp: 227093
Ion Ratio Lower Upper
330 100
332 97.7 76.9 115.3
141 31.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 98.088 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Tgt Ion:172 Resp: 950085
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.0 28.6

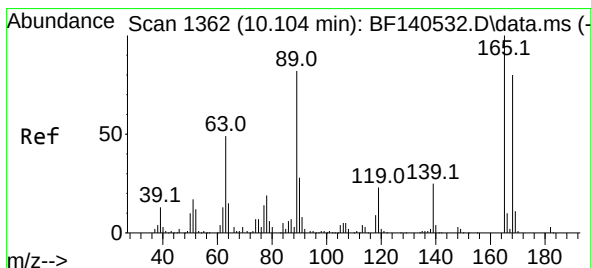
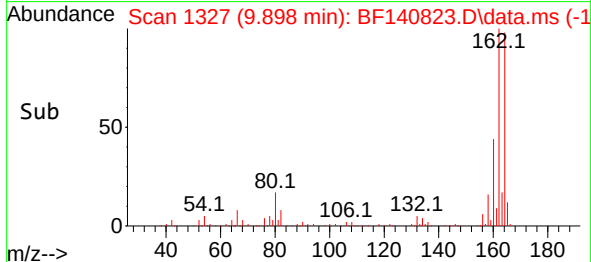
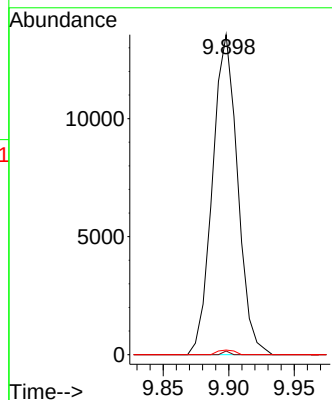
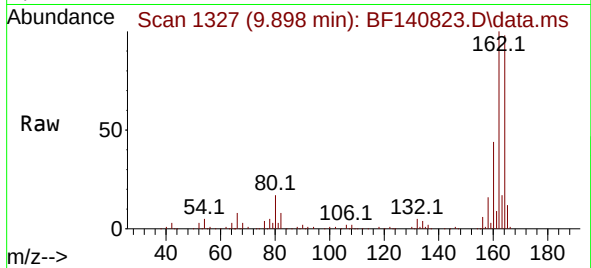




#51
2,6-Dinitrotoluene
Concen: 8.376 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

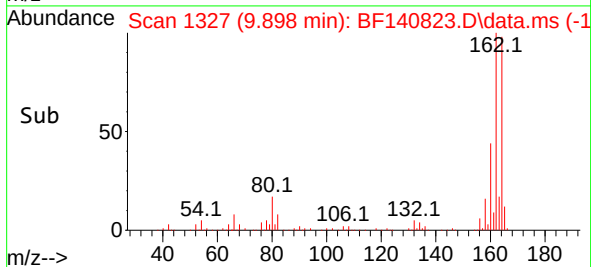
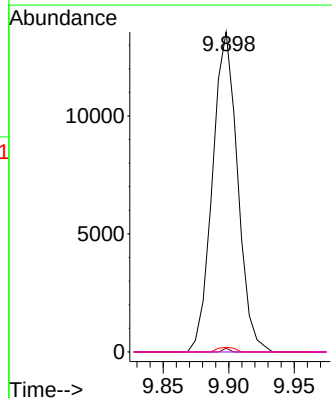
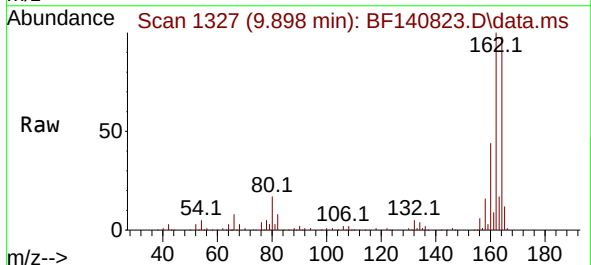
Instrument :
BNA_F
ClientSampleId :
PB165525BL

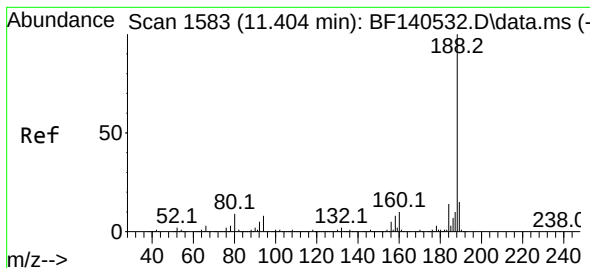
Tgt Ion:165 Resp: 18056
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.5 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.303 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140823.D
Acq: 11 Dec 2024 12:30

Tgt Ion:165 Resp: 18056
Ion Ratio Lower Upper
165 100
63 1.2 41.7 62.5#
89 1.5 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

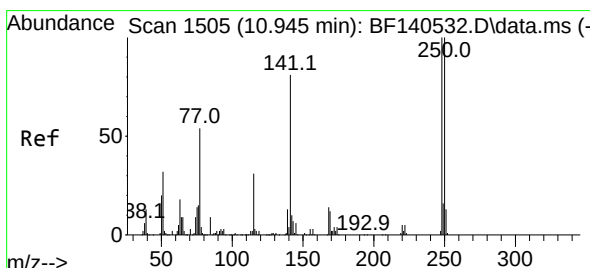
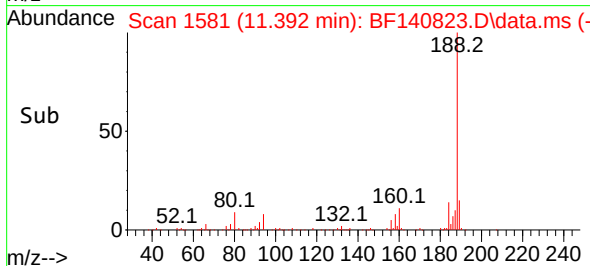
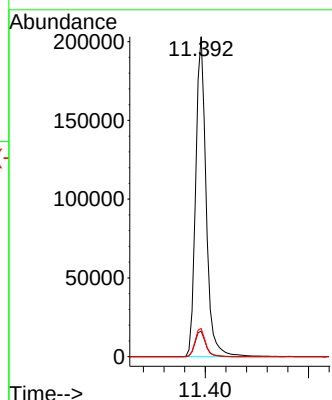
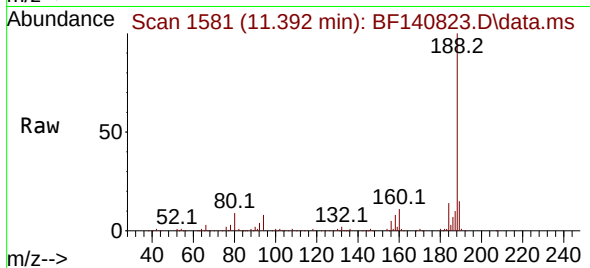
Tgt Ion:188 Resp: 285408

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.8 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.845 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.253 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

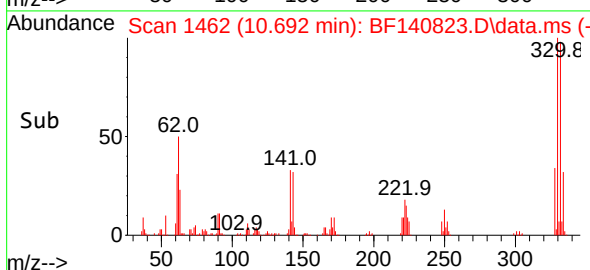
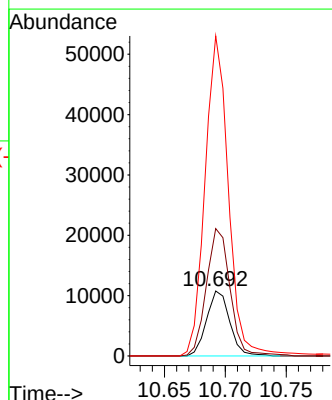
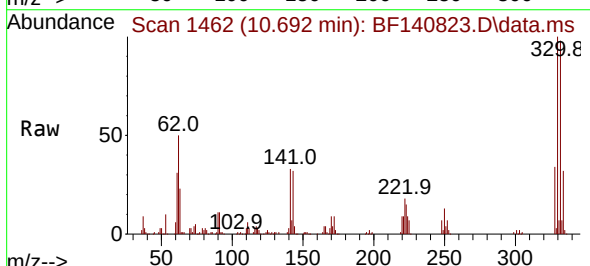
Tgt Ion:248 Resp: 14240

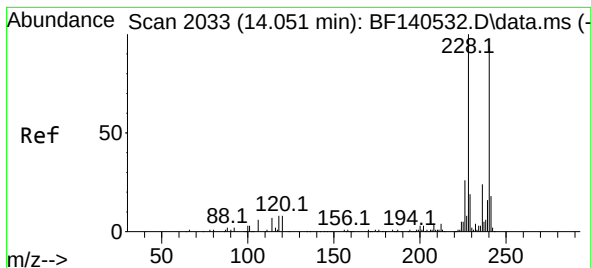
Ion Ratio Lower Upper

248 100

250 195.8 79.8 119.8#

141 492.1 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: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

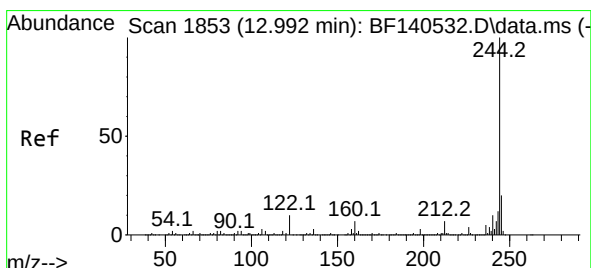
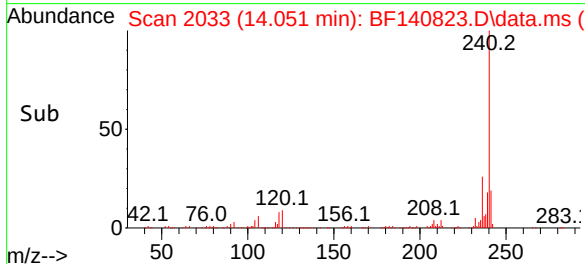
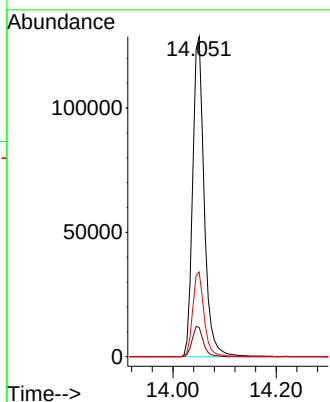
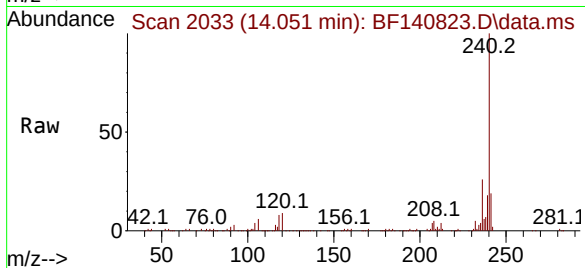
Tgt Ion:240 Resp: 199148

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.5 20.6 31.0



#79

Terphenyl-d14

Concen: 91.646 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140823.D

Acq: 11 Dec 2024 12:30

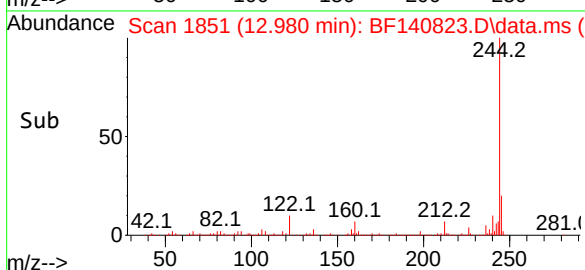
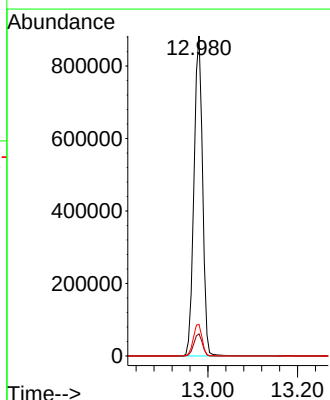
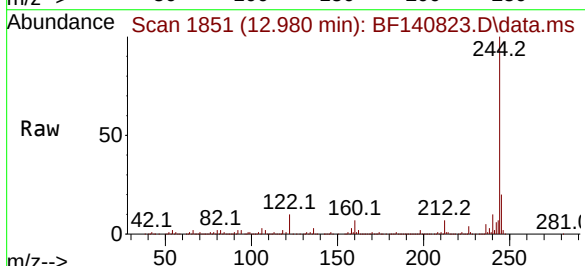
Tgt Ion:244 Resp: 1172094

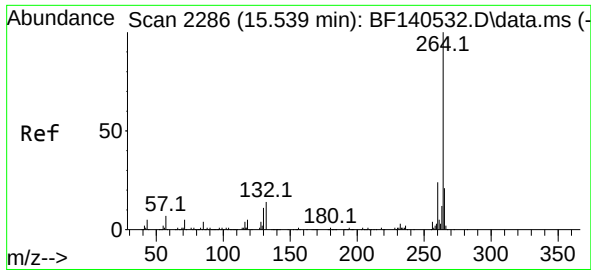
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.9 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: BF140823.D

Acq: 11 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165525BL

Tgt Ion:264 Resp: 153782

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.3 16.6 25.0

