

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140839.D
 Acq On : 13 Dec 2024 10:27
 Operator : RC/JU
 Sample : PB165543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Quant Time: Dec 13 15:26:27 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)

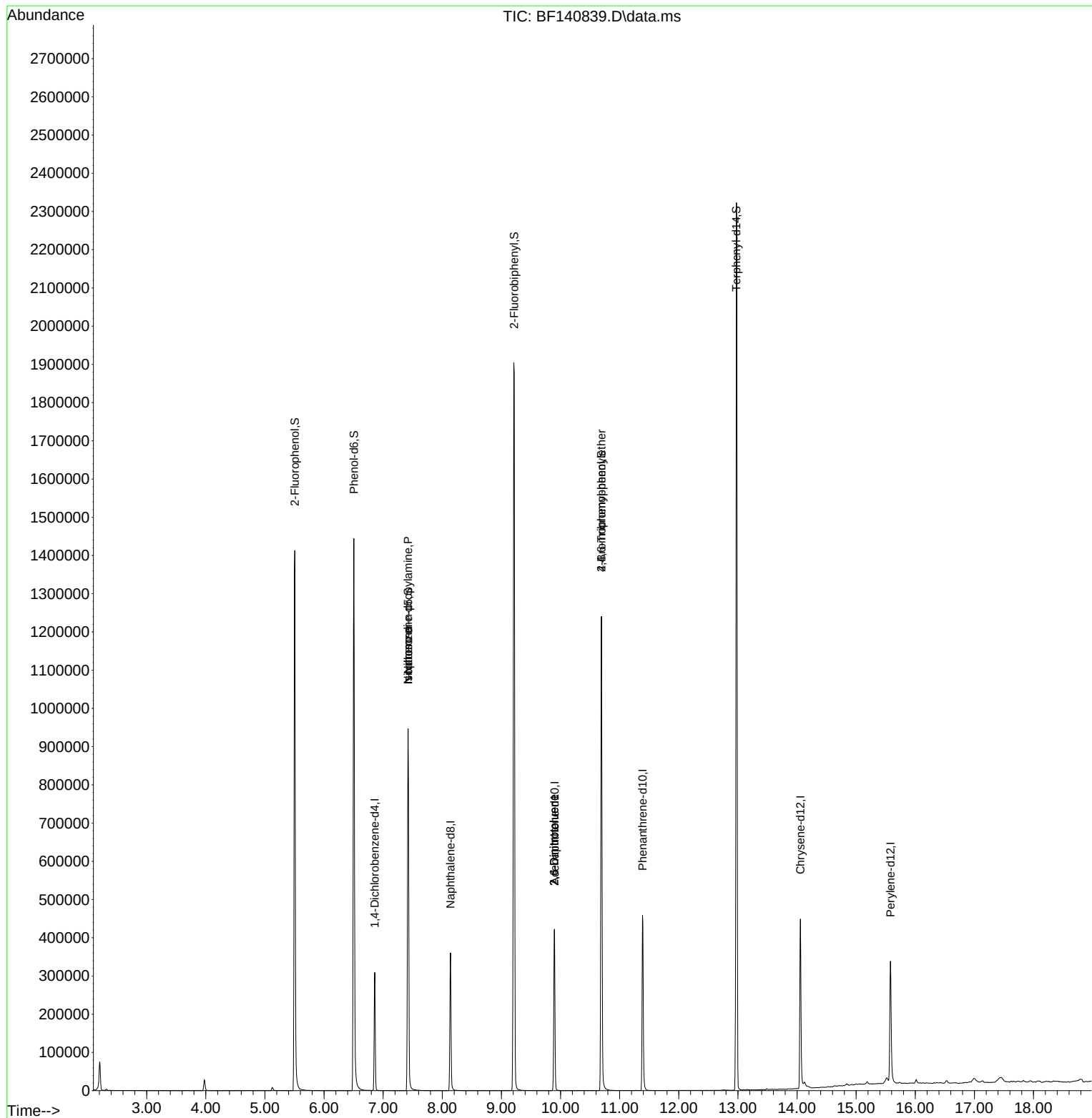
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	67043	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	256564	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	145079	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	285856	20.000	ng	-0.02
76) Chrysene-d12	14.057	240	238336	20.000	ng	0.00
86) Perylene-d12	15.580	264	218433	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	569523	144.941	ng	0.00
7) Phenol-d6	6.504	99	738901	142.241	ng	-0.01
23) Nitrobenzene-d5	7.422	82	479771	95.650	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	232898	150.099	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	959178	98.506	ng	-0.02
79) Terphenyl-d14	12.974	244	1203286	78.615	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	64351	20.961	ng	# 74
25) Isophorone	7.422	82	473084	56.548	ng	# 66
51) 2,6-Dinitrotoluene	9.892	165	18067	8.337	ng	# 20
57) 2,4-Dinitrotoluene	9.892	165	18067	6.273	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	14206	4.826	ng	# 1

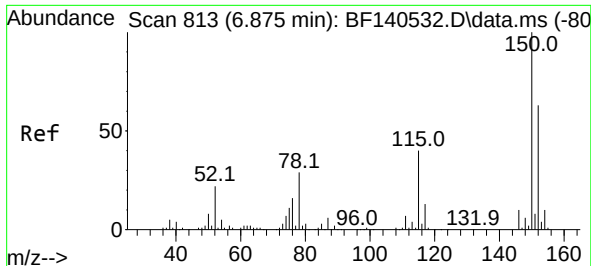
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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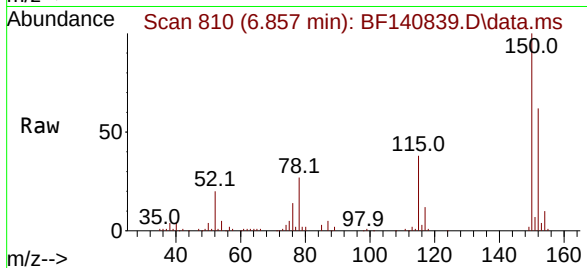
Quant Time: Dec 13 15:26:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



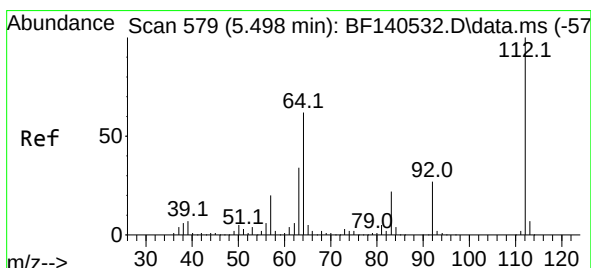
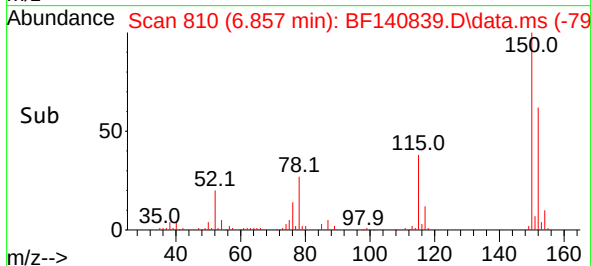
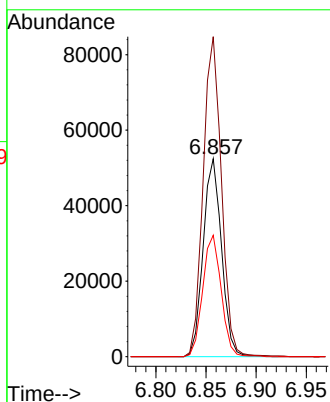


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB165543BL

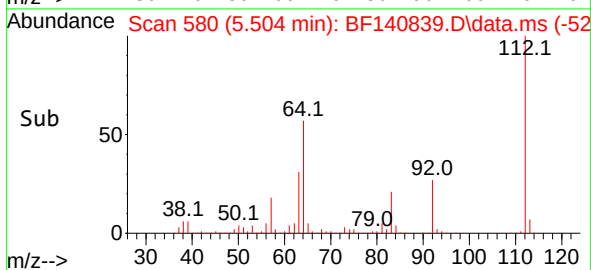
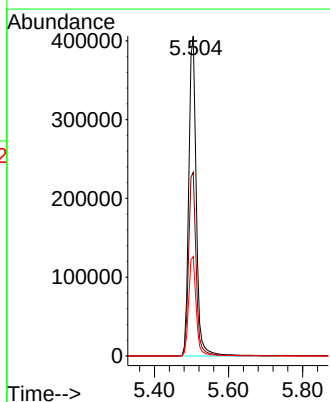
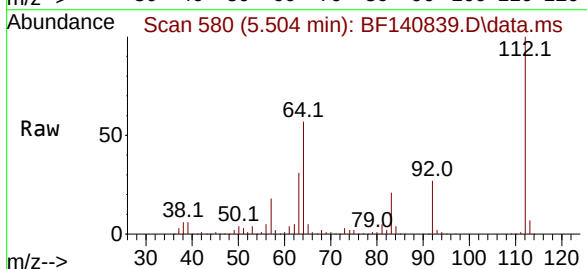


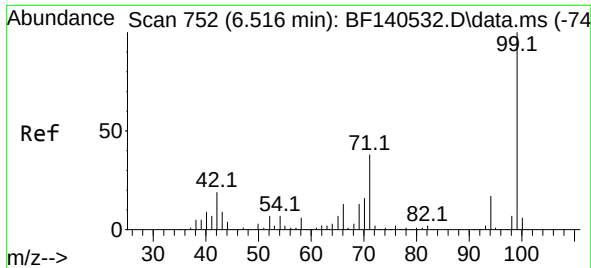
Tgt Ion:152 Resp: 67043
Ion Ratio Lower Upper
152 100
150 161.6 128.5 192.7
115 61.3 50.2 75.4



#5
2-Fluorophenol
Concen: 144.941 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

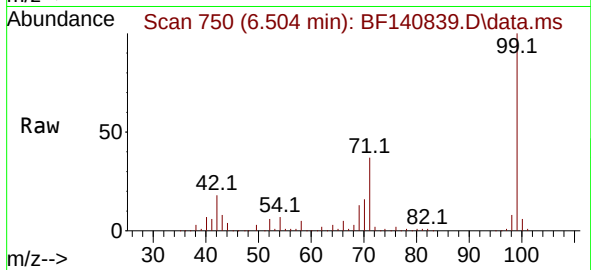
Tgt Ion:112 Resp: 569523
Ion Ratio Lower Upper
112 100
64 57.4 49.2 73.8
63 31.0 27.0 40.4



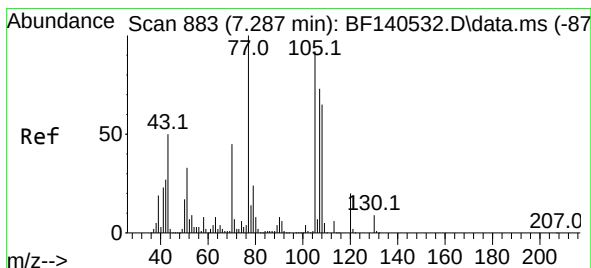
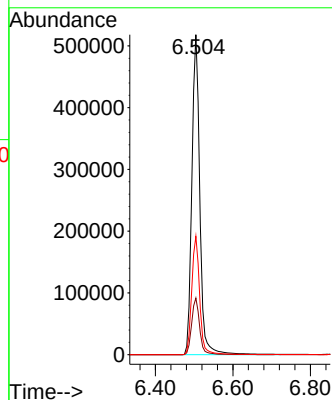
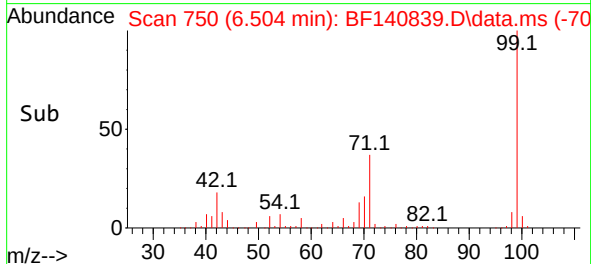


#7
Phenol-d6
Concen: 142.241 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

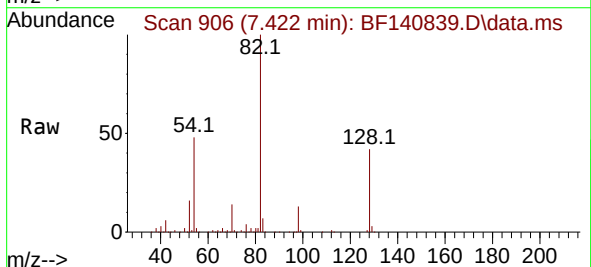
Instrument :
BNA_F
ClientSampleId :
PB165543BL



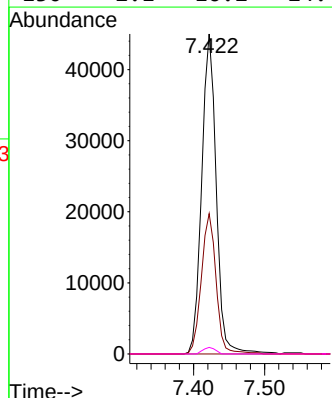
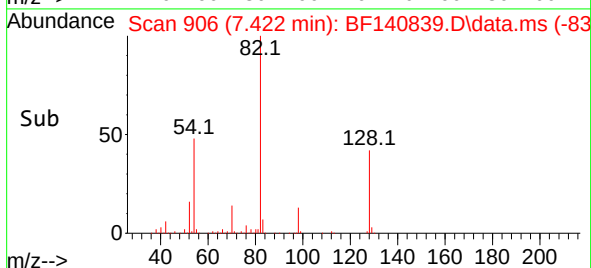
Tgt Ion: 99 Resp: 738901
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 37.0 30.6 46.0

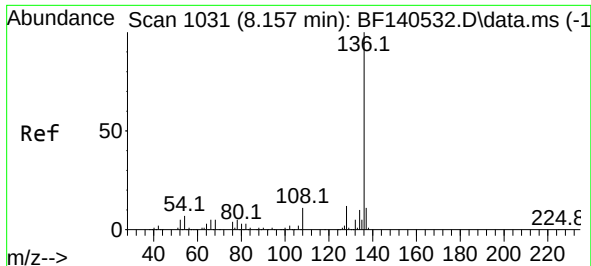


#19
n-Nitroso-di-n-propylamine
Concen: 20.961 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27



Tgt Ion: 70 Resp: 64351
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



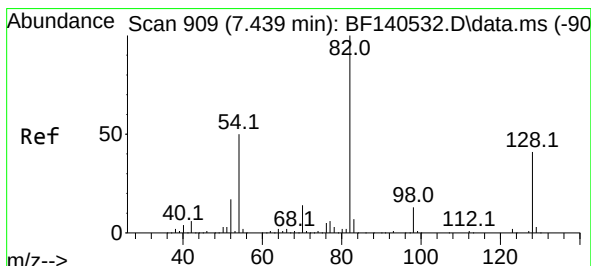
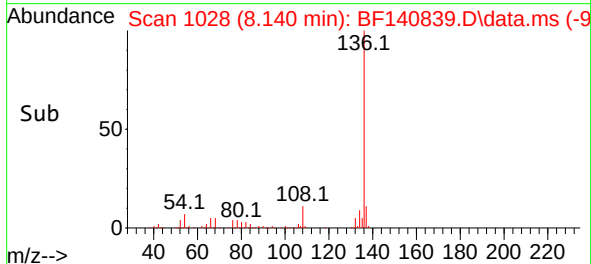
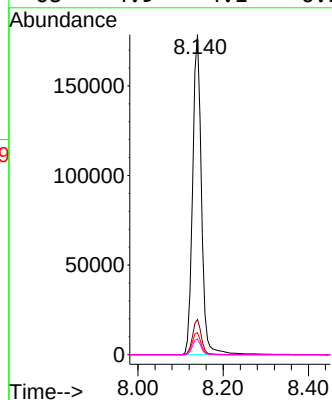
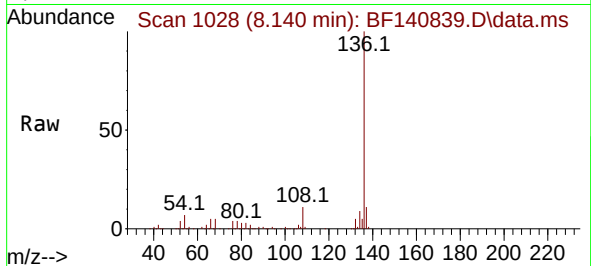


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB165543BL

Tgt Ion:136 Resp: 256564

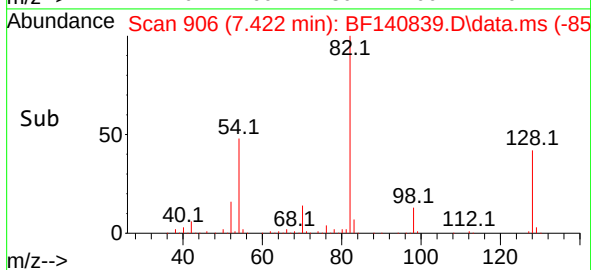
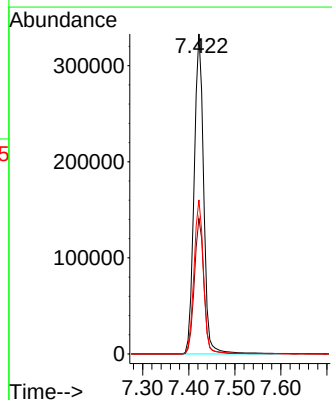
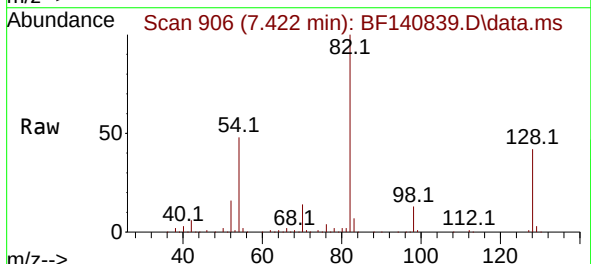
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.8	5.8	8.8
68	4.9	4.1	6.1

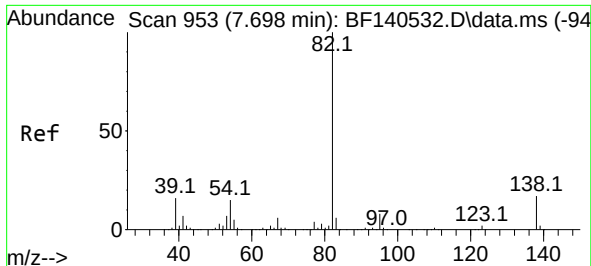


#23
Nitrobenzene-d5
Concen: 95.650 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

Tgt Ion: 82 Resp: 479771

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	48.1	39.5	59.3

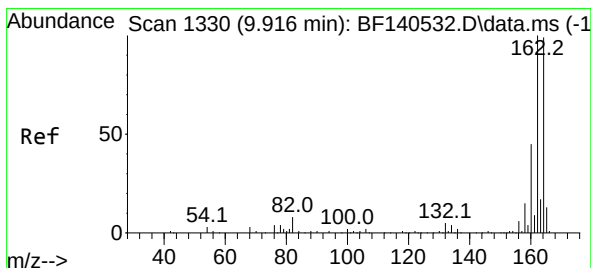
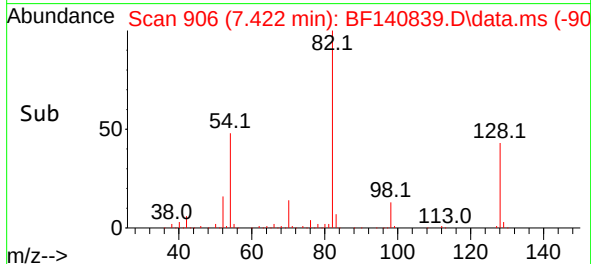
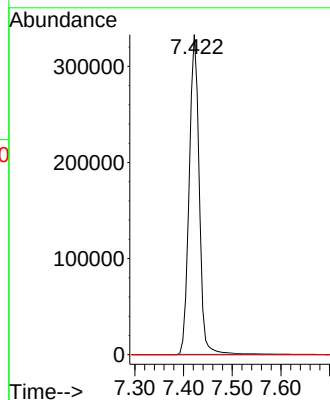
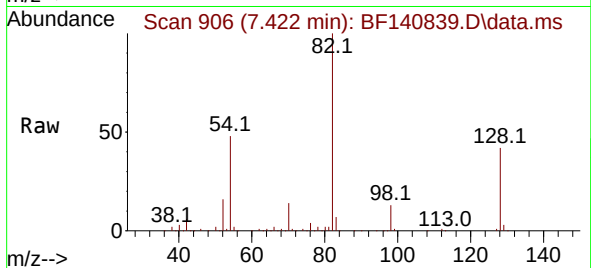




#25
Isophorone
Concen: 56.548 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

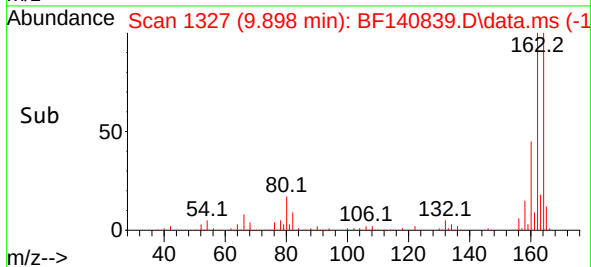
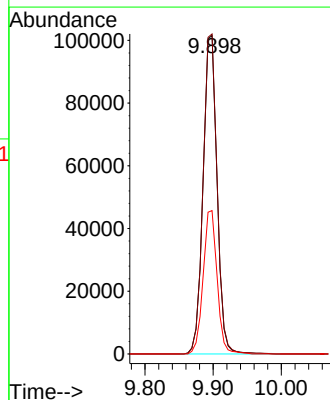
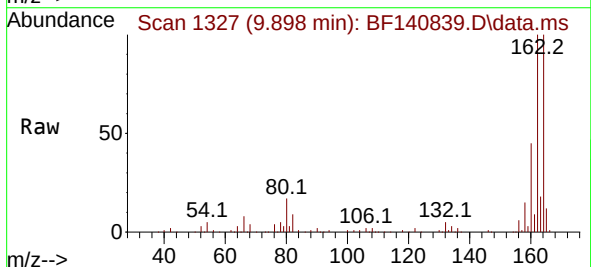
Instrument :
BNA_F
ClientSampleId :
PB165543BL

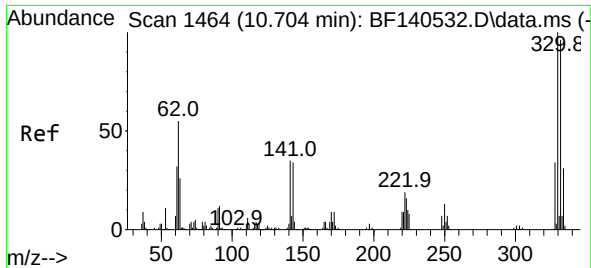
Tgt Ion: 82 Resp: 473084
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

Tgt Ion:164 Resp: 145079
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 150.099 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140839.D

Acq: 13 Dec 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB165543BL

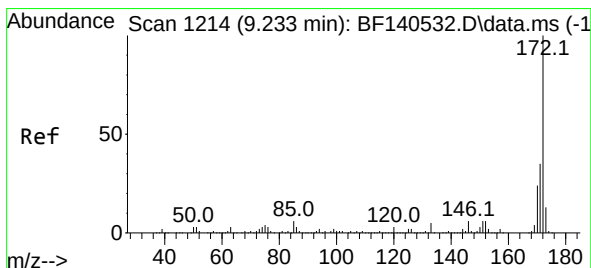
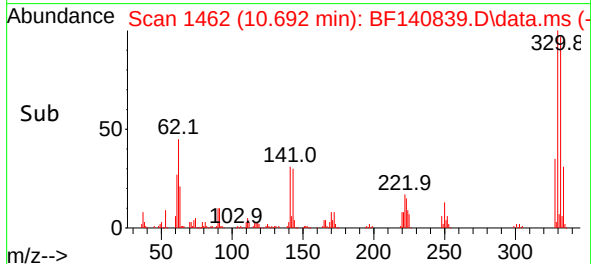
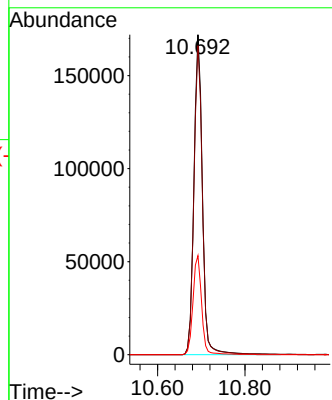
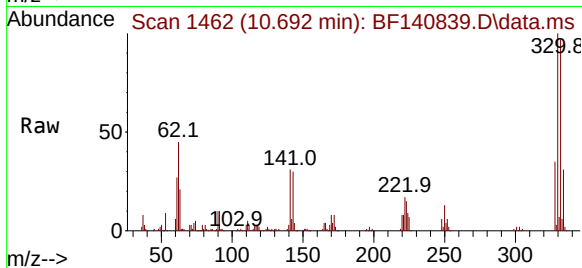
Tgt Ion:330 Resp: 232898

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 31.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 98.506 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140839.D

Acq: 13 Dec 2024 10:27

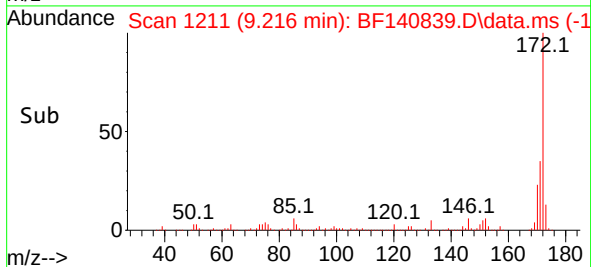
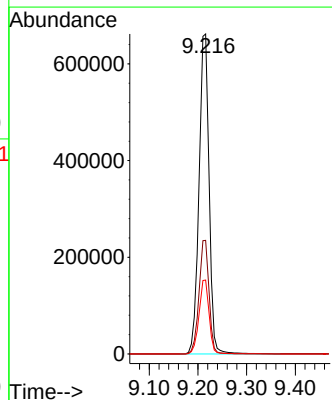
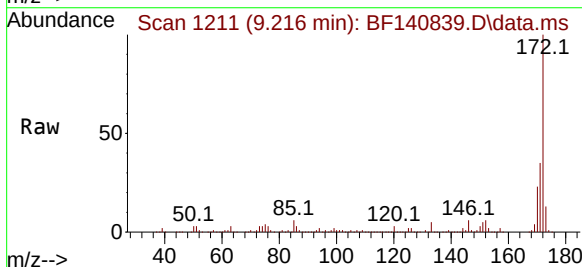
Tgt Ion:172 Resp: 959178

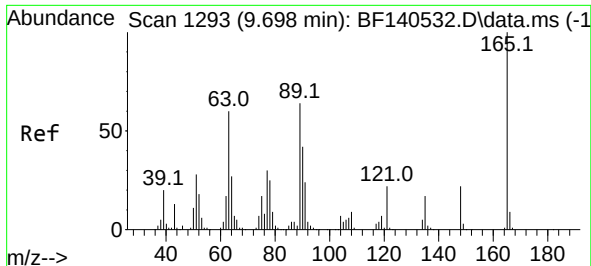
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.1 19.0 28.6

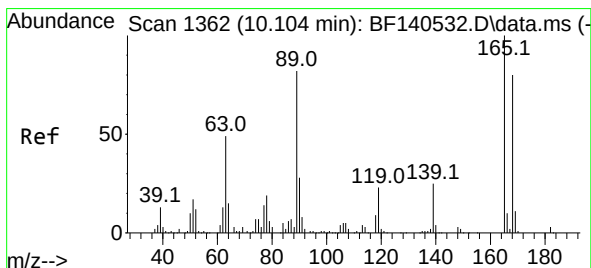
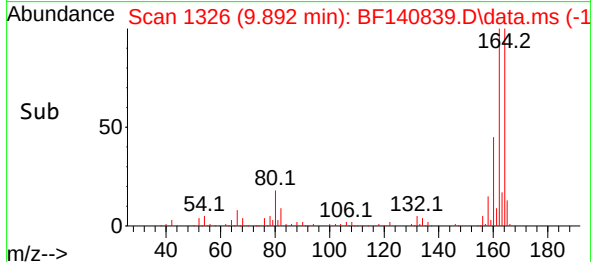
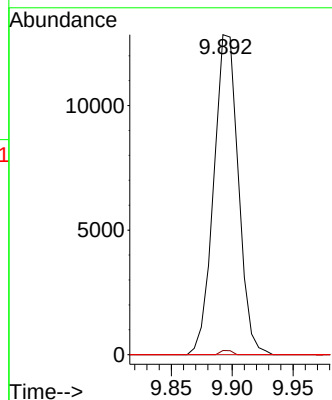
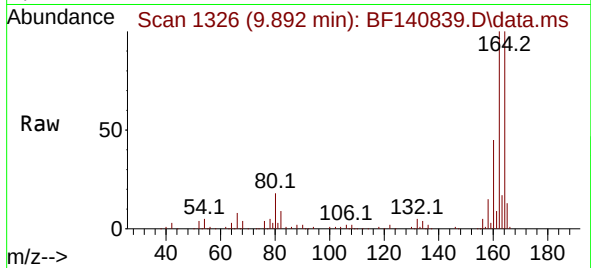




#51
2,6-Dinitrotoluene
Concen: 8.337 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

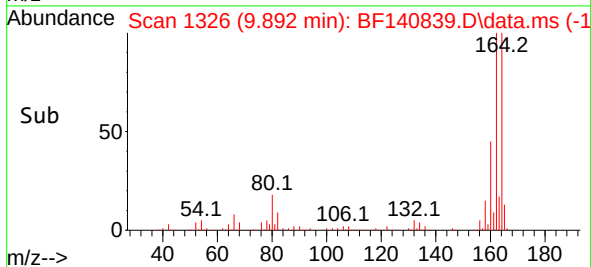
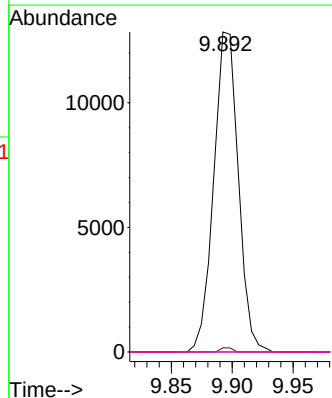
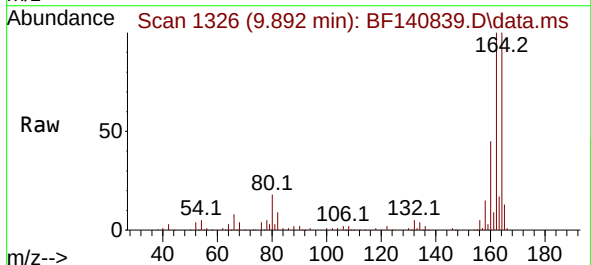
Instrument :
BNA_F
ClientSampleId :
PB165543BL

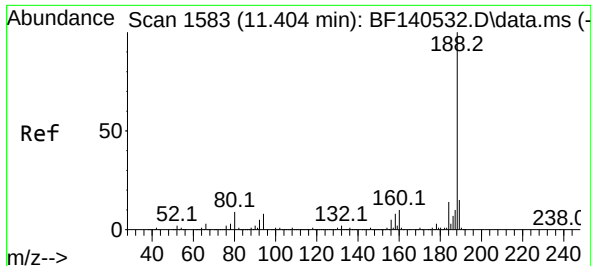
Tgt Ion:165 Resp: 18067
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.273 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.212 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

Tgt Ion:165 Resp: 18067
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#

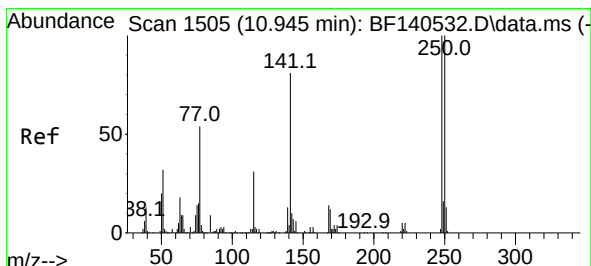
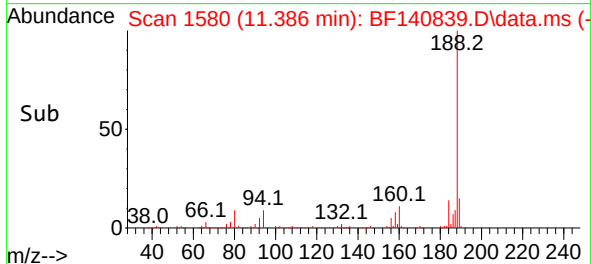
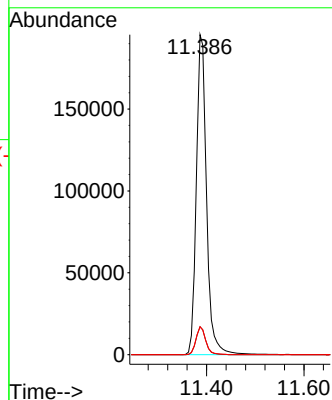
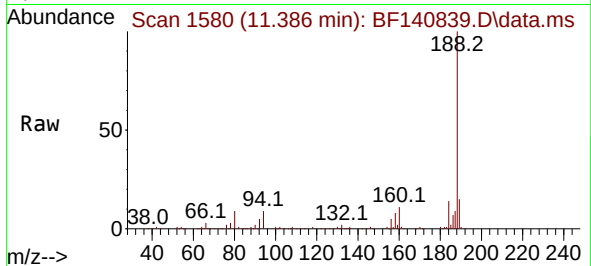




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

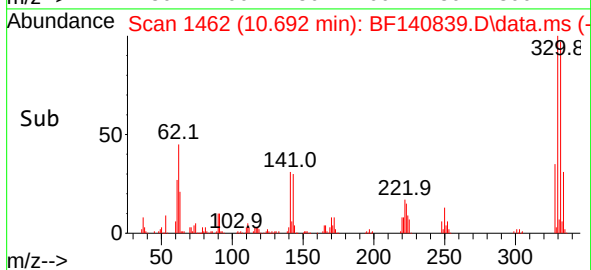
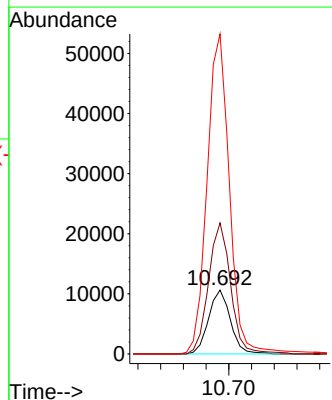
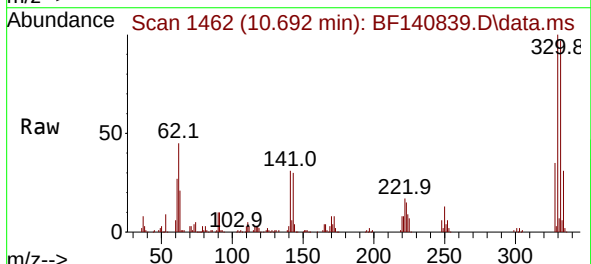
Instrument :
BNA_F
ClientSampleId :
PB165543BL

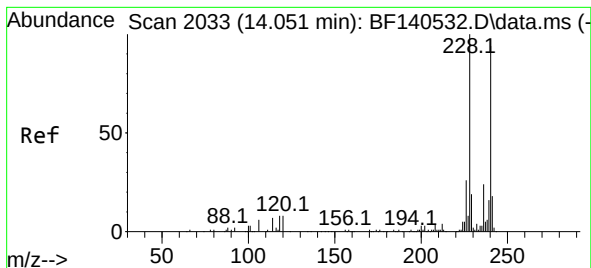
Tgt Ion:188 Resp: 285856
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 8.7 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.826 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF140839.D
Acq: 13 Dec 2024 10:27

Tgt Ion:248 Resp: 14206
Ion Ratio Lower Upper
248 100
250 205.3 79.8 119.8#
141 501.0 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140839.D

Acq: 13 Dec 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB165543BL

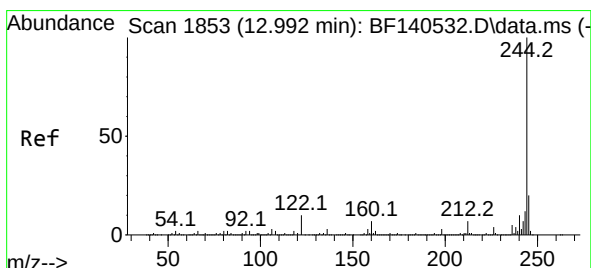
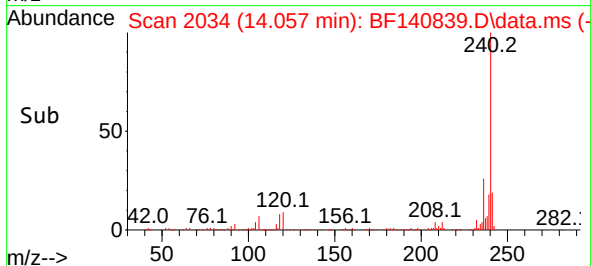
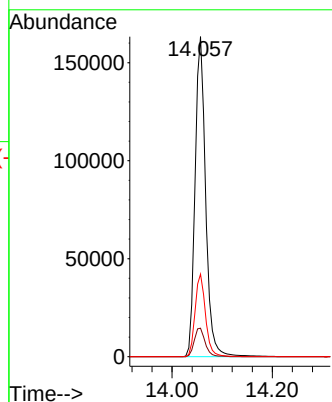
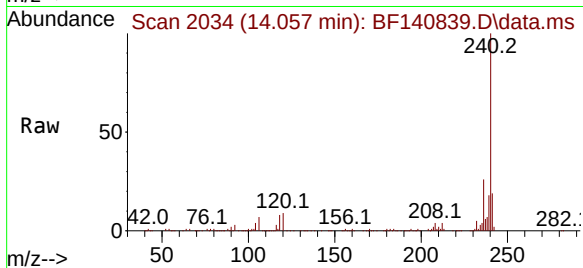
Tgt Ion:240 Resp: 238336

Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 78.615 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140839.D

Acq: 13 Dec 2024 10:27

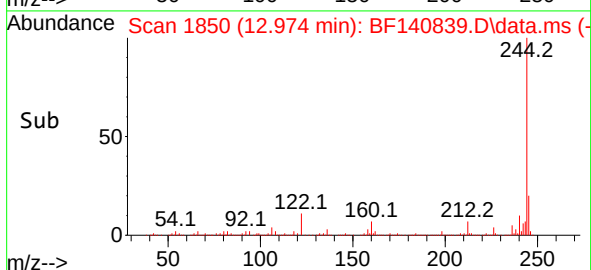
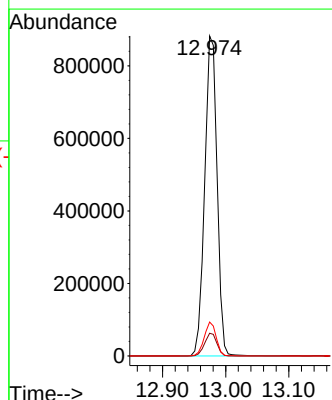
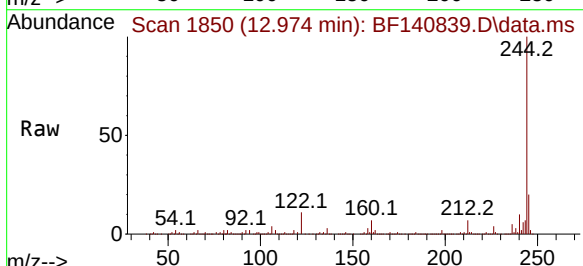
Tgt Ion:244 Resp: 1203286

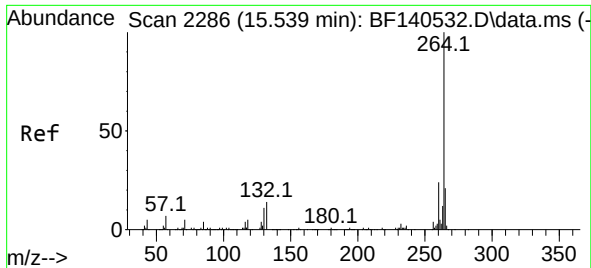
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF140839.D
 Acq: 13 Dec 2024 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Tgt Ion:264 Resp: 218433
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.6 16.6 25.0

