

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140134.D
 Acq On : 30 Oct 2024 02:04
 Operator : RC/JU
 Sample : PB164500BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164500BL

Quant Time: Oct 30 02:33:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

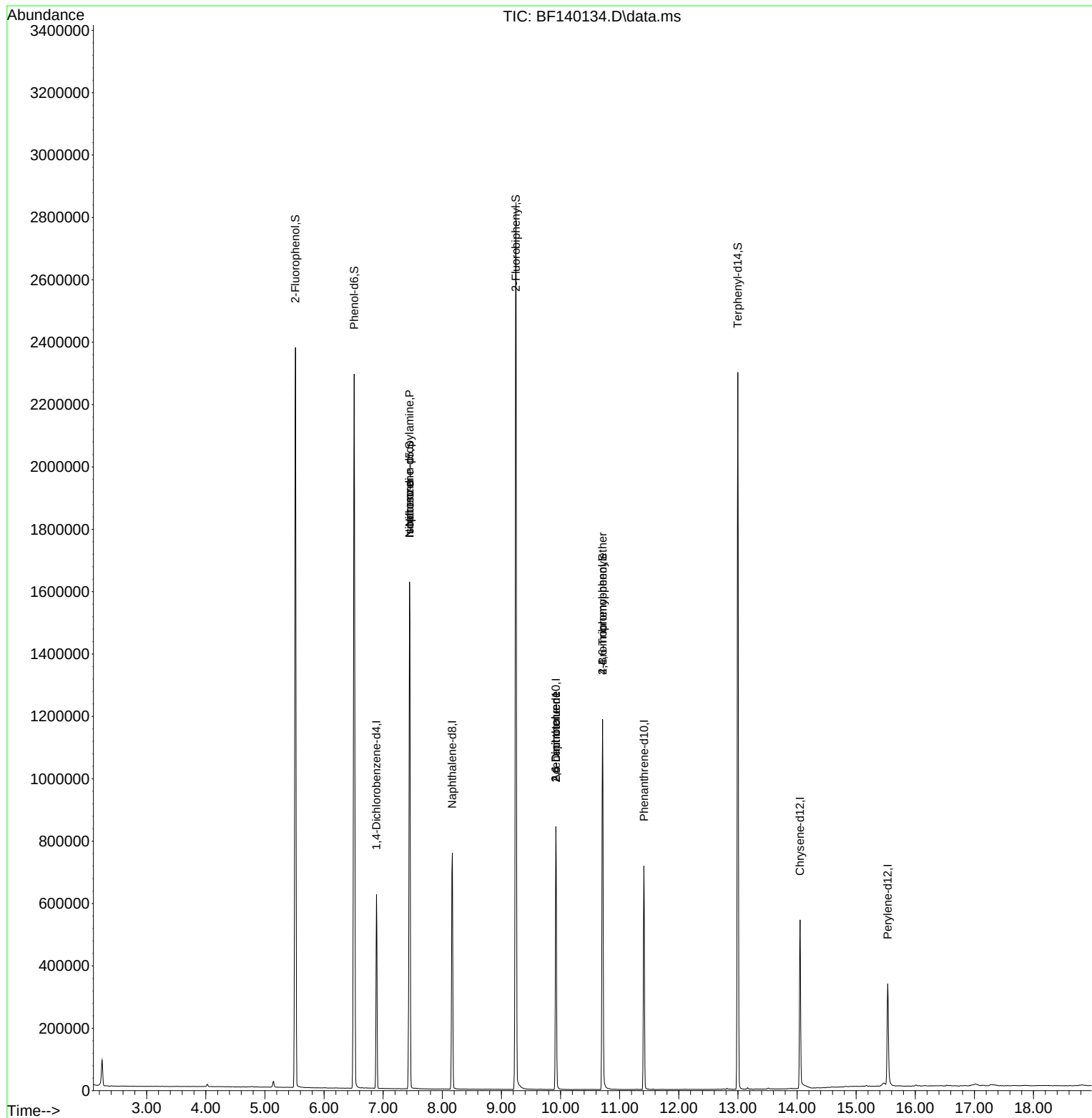
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121260	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	475752	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	251906	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379497	20.000	ng	0.00
76) Chrysene-d12	14.051	240	263688	20.000	ng	0.00
86) Perylene-d12	15.533	264	209364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	901026	116.324	ng	0.02
7) Phenol-d6	6.510	99	1122629	111.904	ng	0.00
23) Nitrobenzene-d5	7.445	82	767904	89.458	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204090	86.616	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1361590	89.331	ng	0.00
79) Terphenyl-d14	12.998	244	1150074	71.070	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	105014	17.259	ng	# 77
25) Isophorone	7.445	82	761991	46.770	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31898	9.389	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31898	7.635	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	13165	3.367	ng	# 1

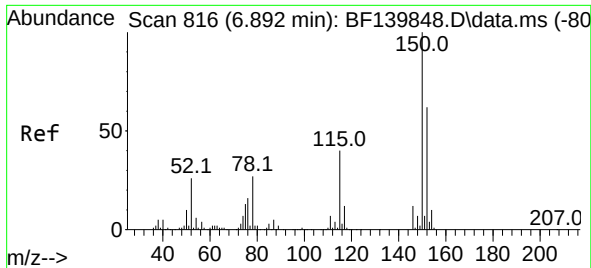
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 15:07:50 2024
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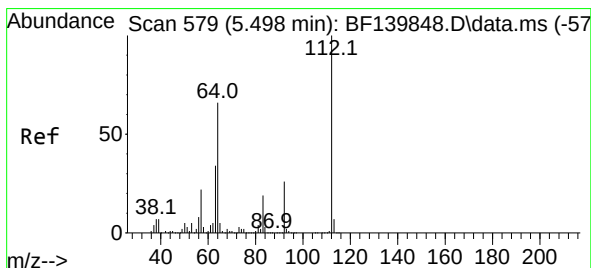
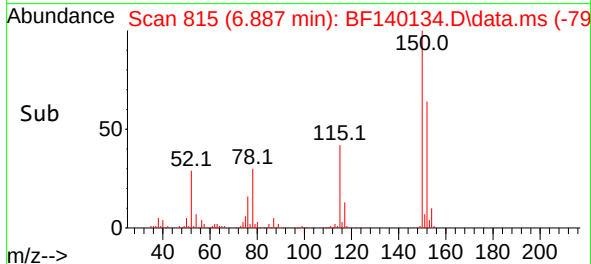
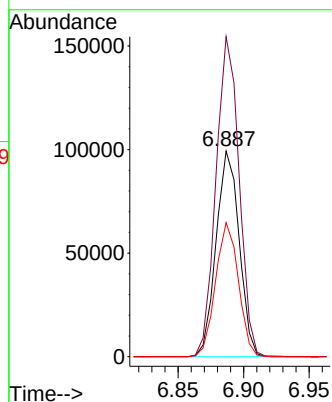
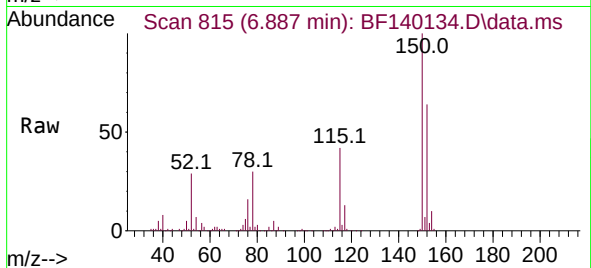




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

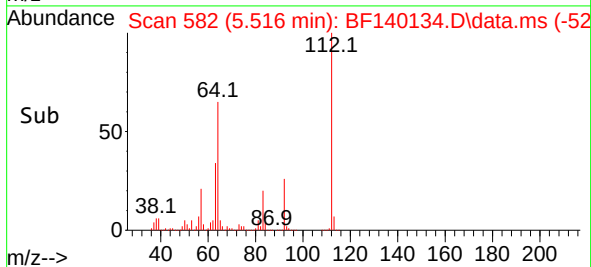
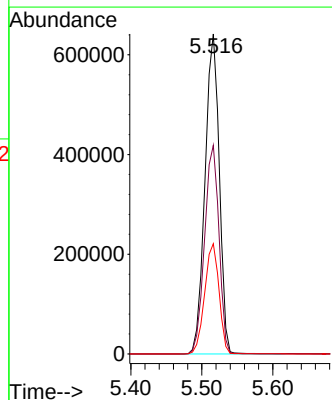
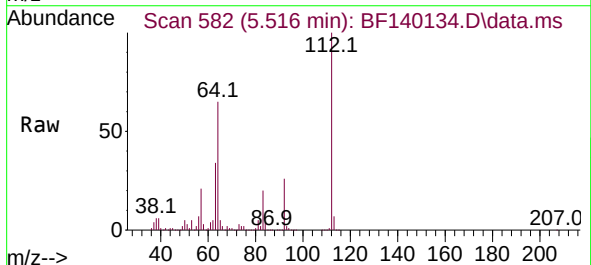
Instrument :
BNA_F
ClientSampleId :
PB164500BL

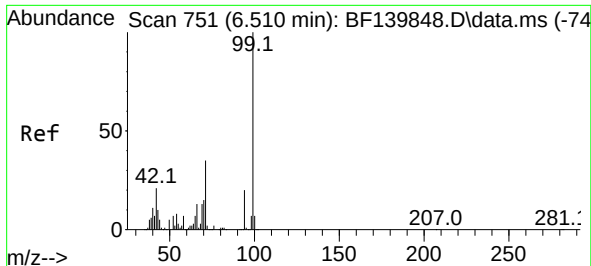
Tgt Ion:152 Resp: 121260
Ion Ratio Lower Upper
152 100
150 155.7 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 116.324 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion:112 Resp: 901026
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 34.5 27.0 40.4

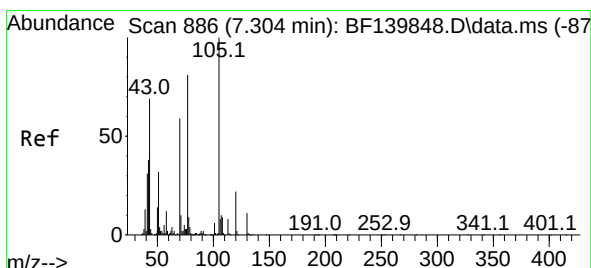
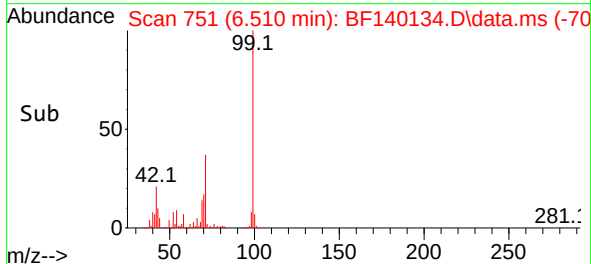
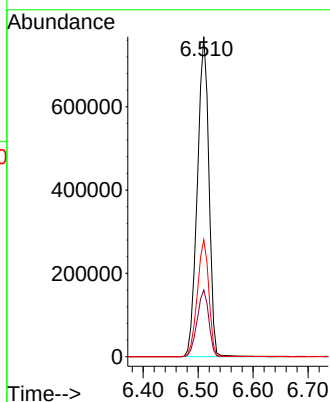
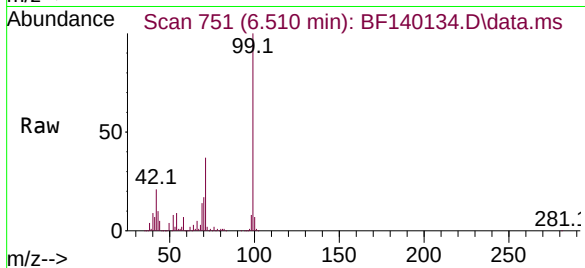




#7
Phenol-d6
Concen: 111.904 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

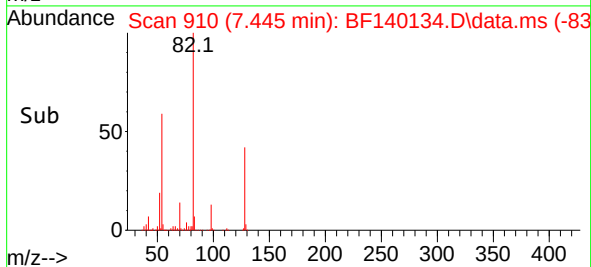
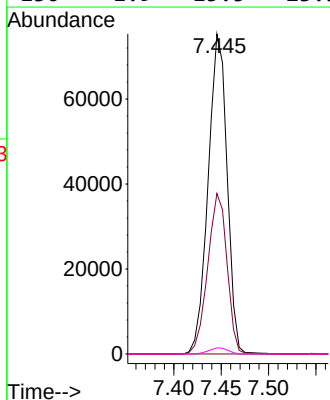
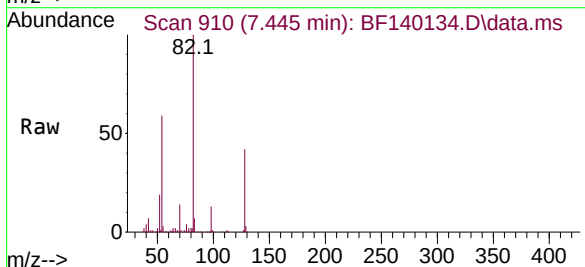
Instrument :
BNA_F
ClientSampleId :
PB164500BL

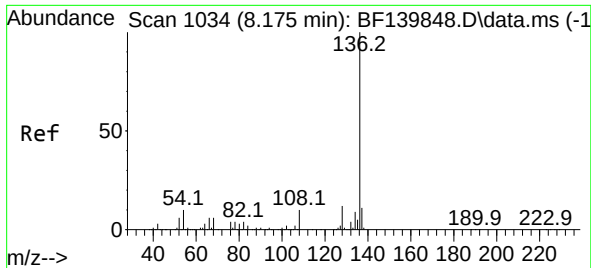
Tgt Ion: 99 Resp: 1122629
Ion Ratio Lower Upper
99 100
42 20.8 16.7 25.1
71 36.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.259 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion: 70 Resp: 105014
Ion Ratio Lower Upper
70 100
42 50.2 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



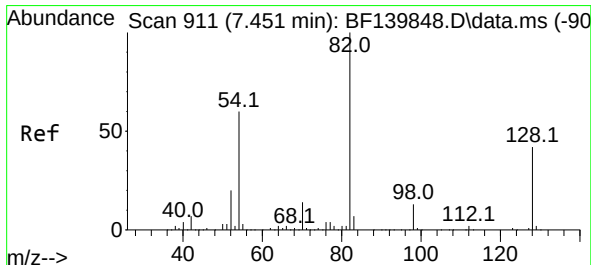
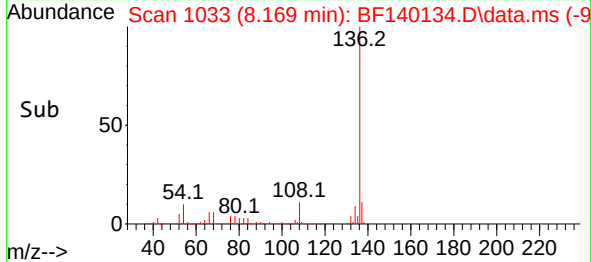
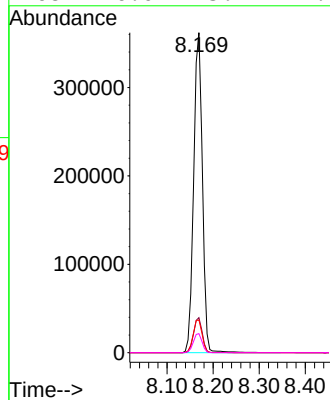
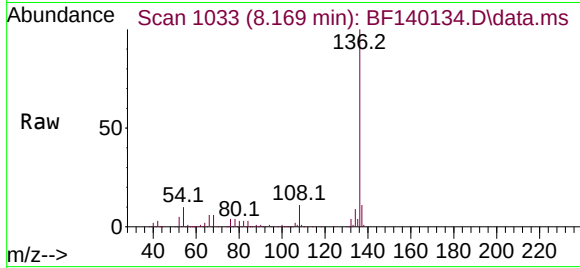


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Instrument :
BNA_F
ClientSampleId :
PB164500BL

Tgt Ion:136 Resp: 475752

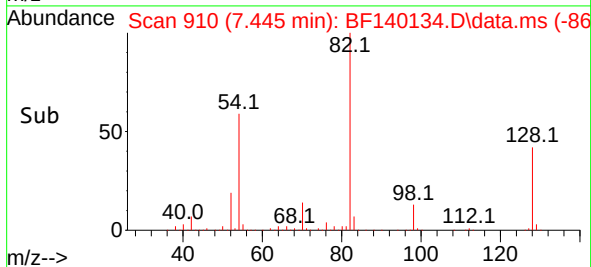
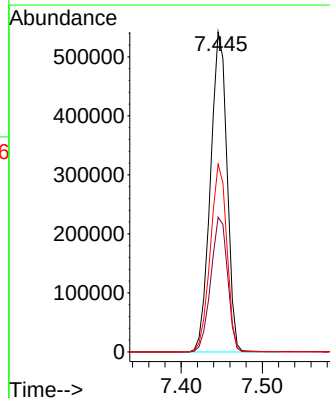
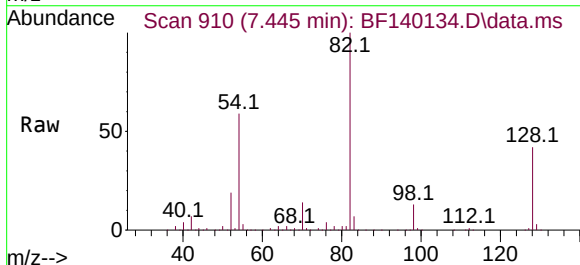
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.3	8.4	12.6
68	6.0	5.1	7.7

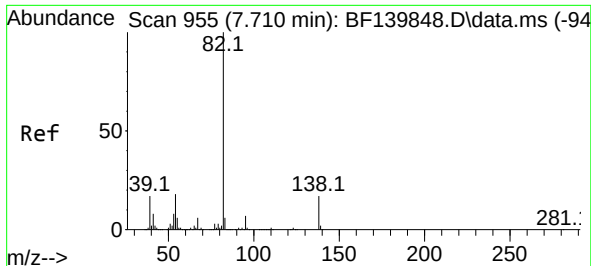


#23
Nitrobenzene-d5
Concen: 89.458 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion: 82 Resp: 767904

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	58.7	47.8	71.8

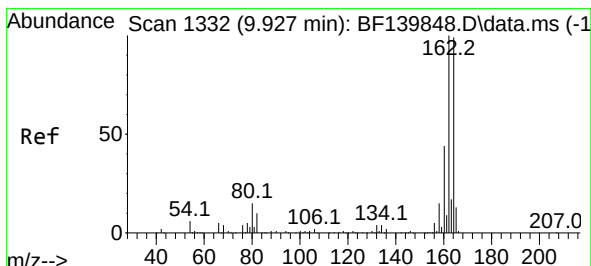
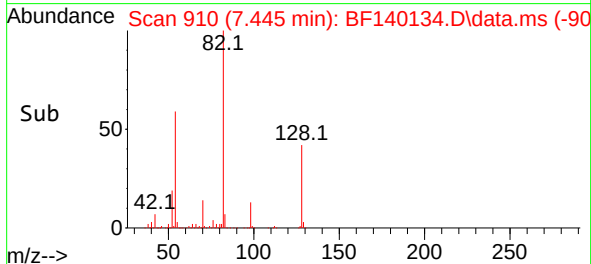
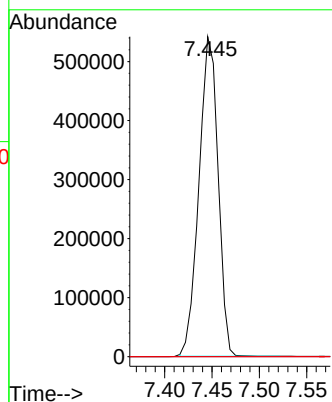
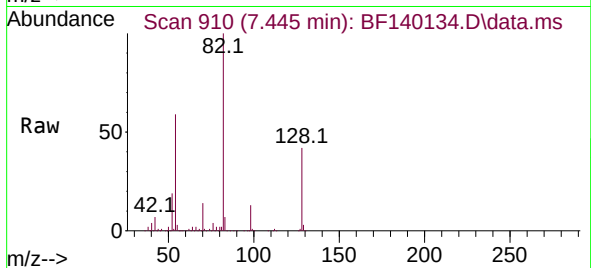




#25
Isophorone
Concen: 46.770 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

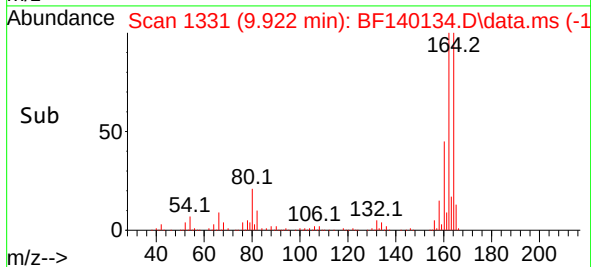
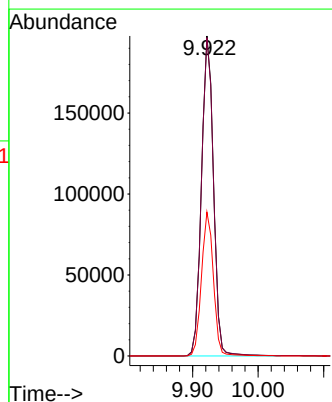
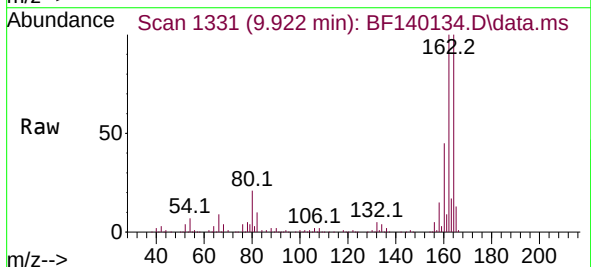
Instrument :
BNA_F
ClientSampleId :
PB164500BL

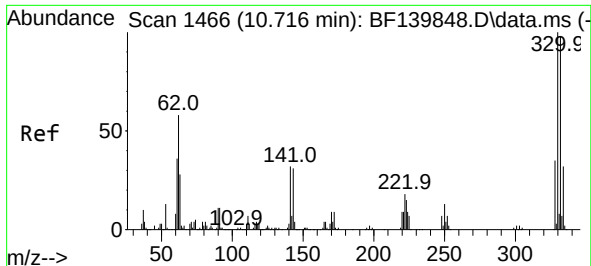
Tgt Ion: 82 Resp: 761991
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion: 164 Resp: 251906
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 86.616 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140134.D

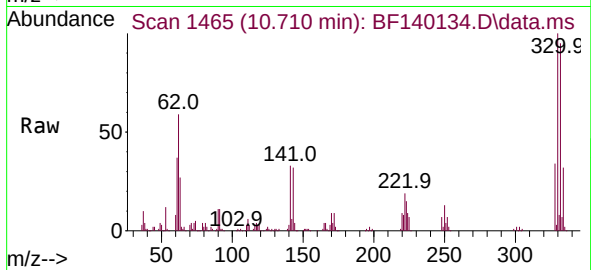
Acq: 30 Oct 2024 02:04

Instrument :

BNA_F

ClientSampleId :

PB164500BL



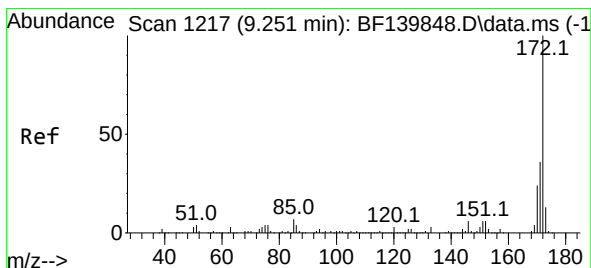
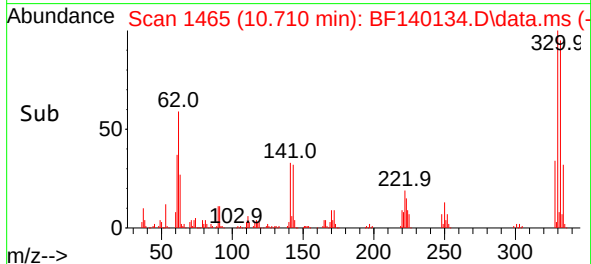
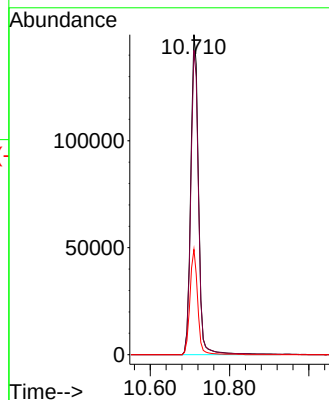
Tgt Ion:330 Resp: 204090

Ion Ratio Lower Upper

330 100

332 95.1 78.1 117.1

141 32.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 89.331 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140134.D

Acq: 30 Oct 2024 02:04

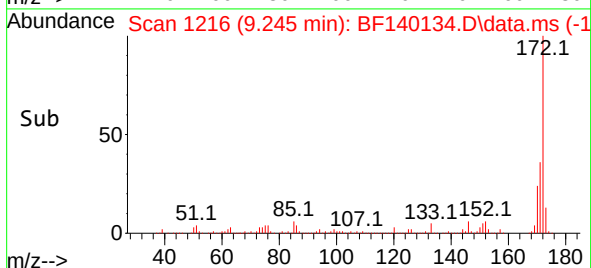
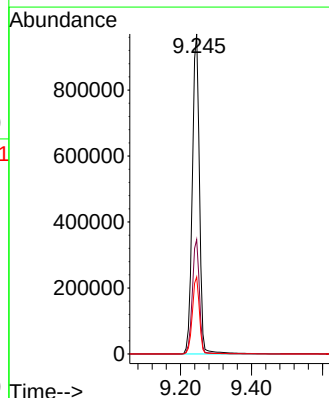
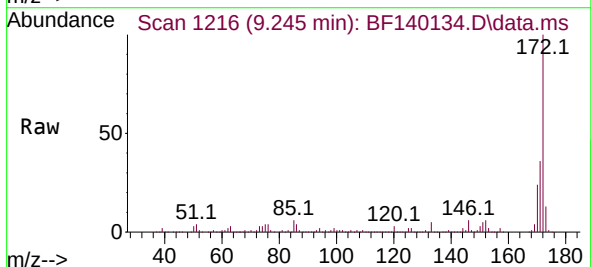
Tgt Ion:172 Resp: 1361590

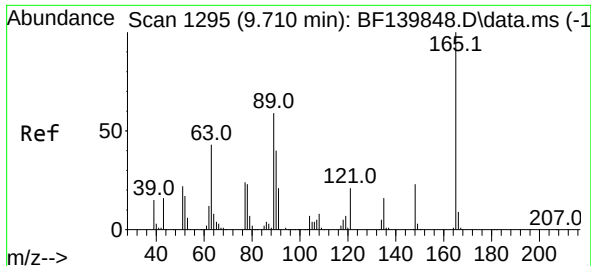
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7

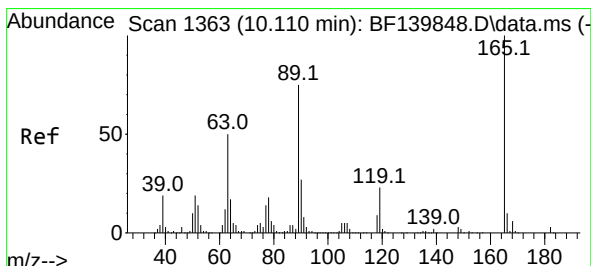
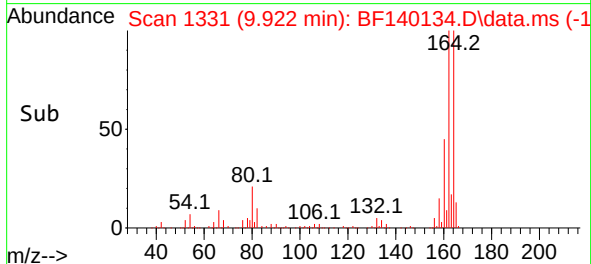
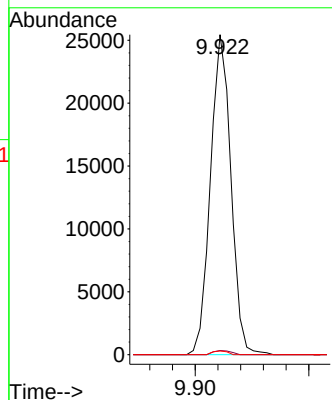
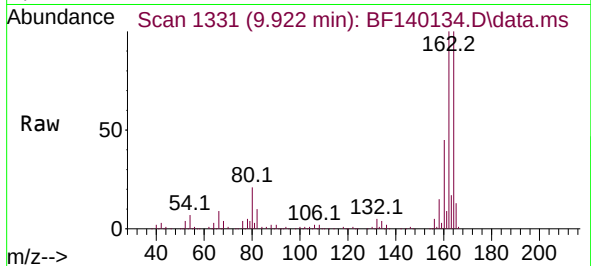




#51
2,6-Dinitrotoluene
Concen: 9.389 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

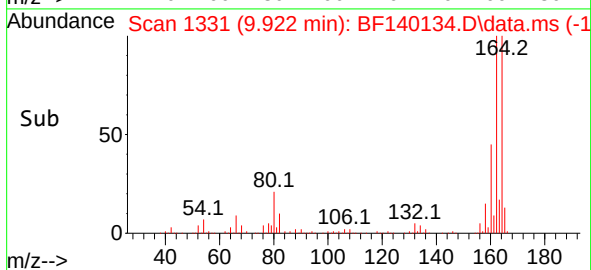
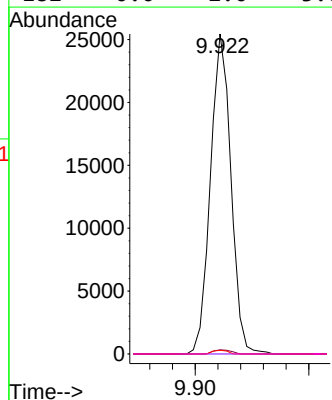
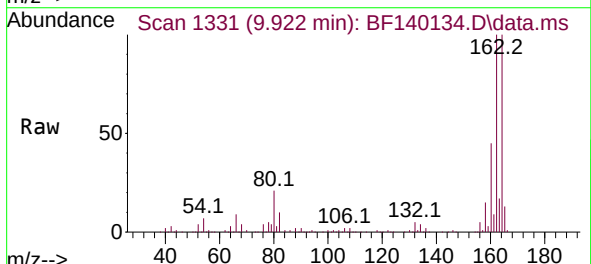
Instrument :
BNA_F
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PB164500BL

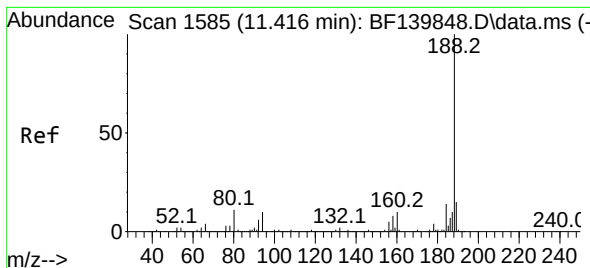
Tgt Ion:165 Resp: 31898
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.635 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion:165 Resp: 31898
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140134.D

Acq: 30 Oct 2024 02:04

Instrument :

BNA_F

ClientSampleId :

PB164500BL

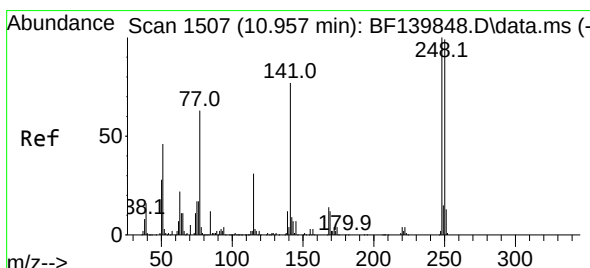
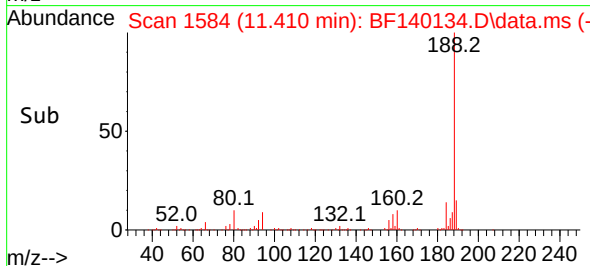
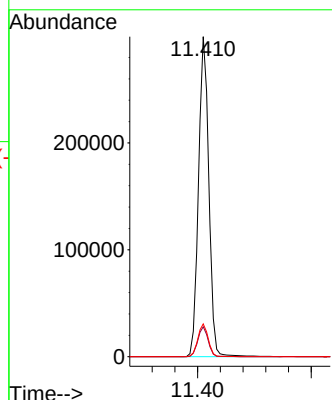
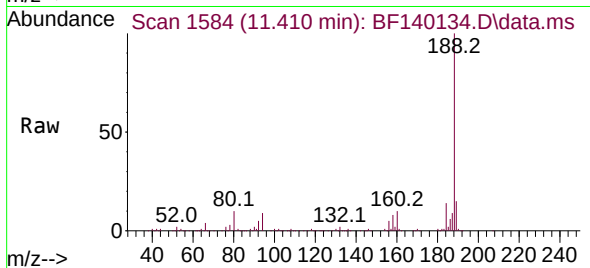
Tgt Ion:188 Resp: 379497

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.367 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140134.D

Acq: 30 Oct 2024 02:04

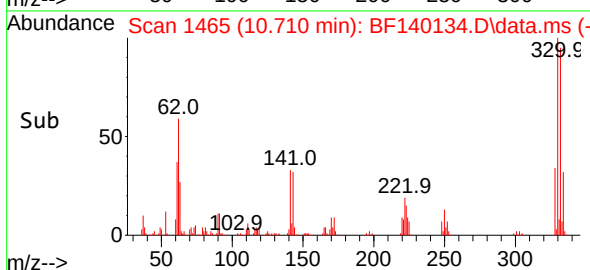
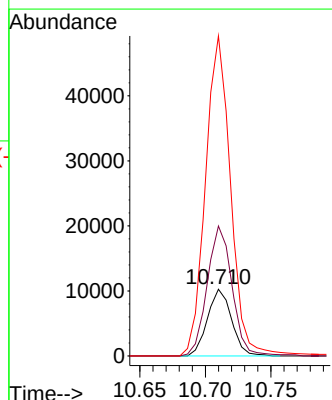
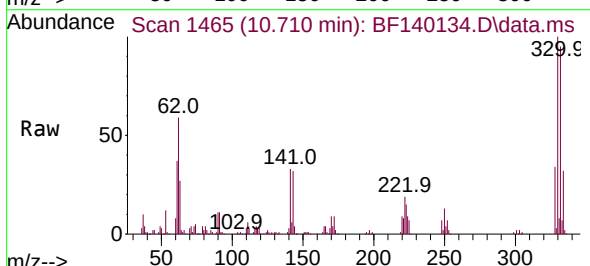
Tgt Ion:248 Resp: 13165

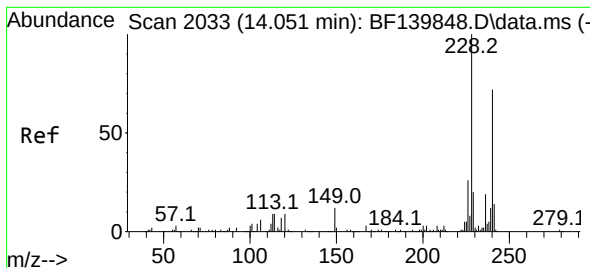
Ion Ratio Lower Upper

248 100

250 194.6 79.0 118.6#

141 479.1 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140134.D

Acq: 30 Oct 2024 02:04

Instrument :

BNA_F

ClientSampleId :

PB164500BL

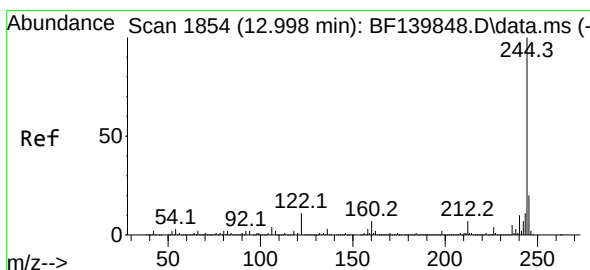
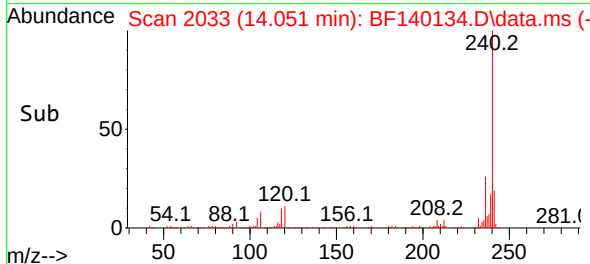
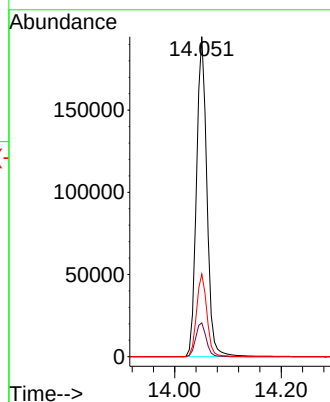
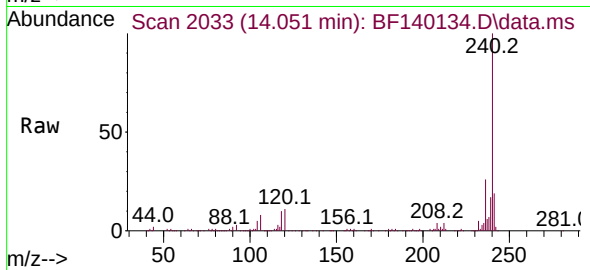
Tgt Ion:240 Resp: 263688

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 71.070 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140134.D

Acq: 30 Oct 2024 02:04

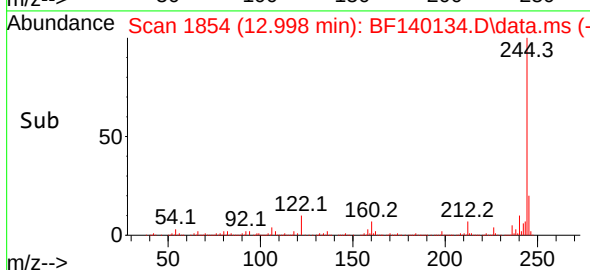
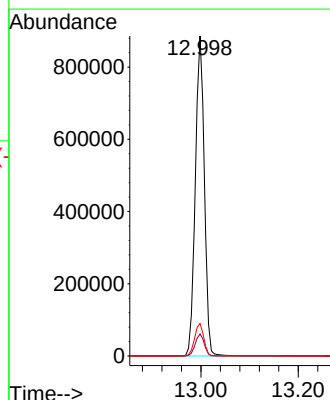
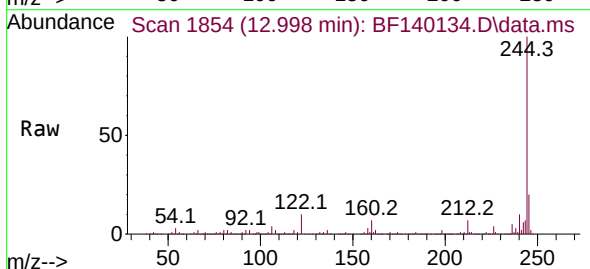
Tgt Ion:244 Resp: 1150074

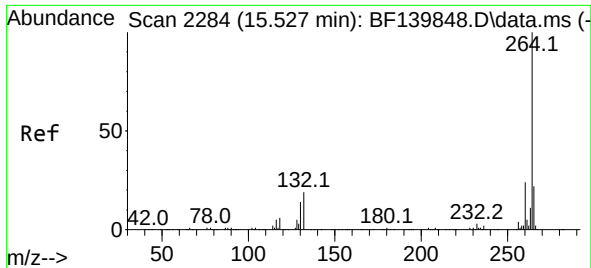
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.2 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140134.D
 Acq: 30 Oct 2024 02:04

Instrument :
 BNA_F
 ClientSampleId :
 PB164500BL

Tgt Ion:264 Resp: 209364
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.4 26.0

