

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140177.D
 Acq On : 31 Oct 2024 09:48
 Operator : RC/JU
 Sample : PB164540BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164540BL

Quant Time: Oct 31 12:09:41 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)

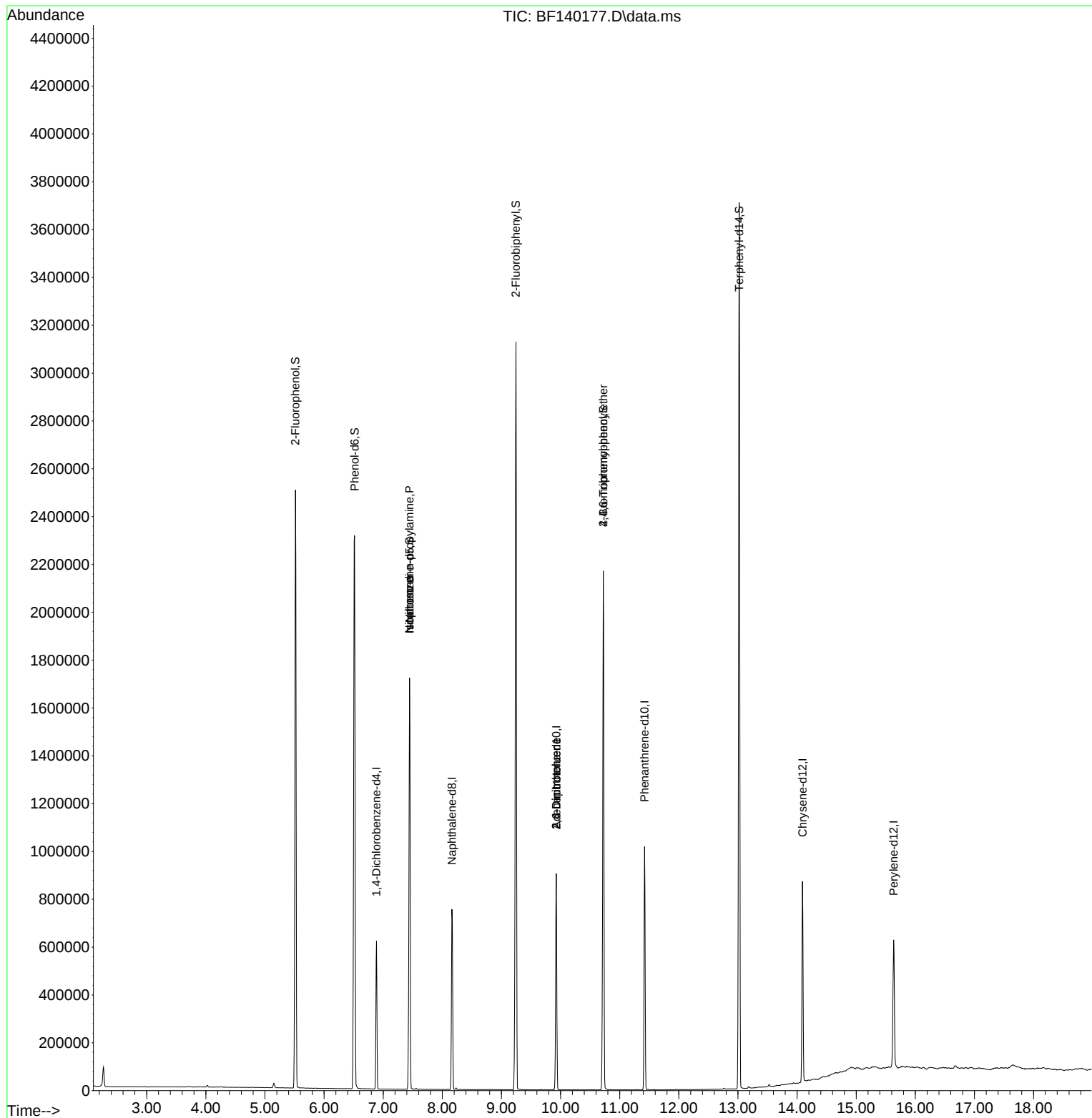
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121659	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	478189	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	278399	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	531346	20.000	ng	0.00
76) Chrysene-d12	14.092	240	399152	20.000	ng	0.04
86) Perylene-d12	15.633	264	338808	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	945395	121.652	ng	0.02
7) Phenol-d6	6.516	99	1212883	120.504	ng	0.00
23) Nitrobenzene-d5	7.445	82	824745	95.591	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	398646	153.086	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1526450	90.617	ng	0.00
79) Terphenyl-d14	13.021	244	1973350	80.559	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	113256	18.553	ng	# 77
25) Isophorone	7.445	82	821734	50.180	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	36129	9.622	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	36129	7.825	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	26391	4.821	ng	# 1

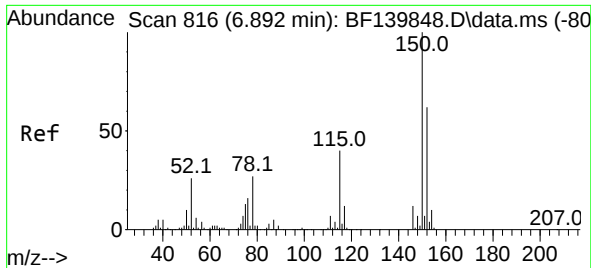
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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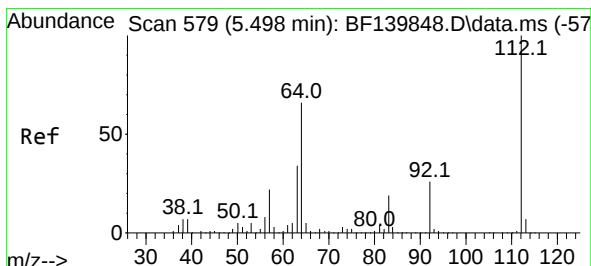
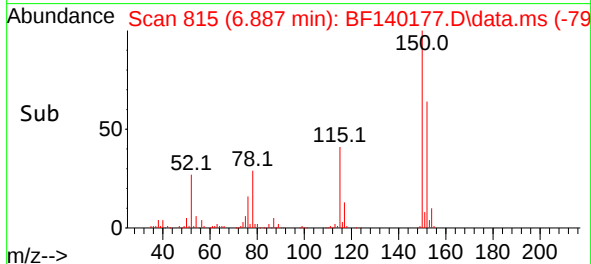
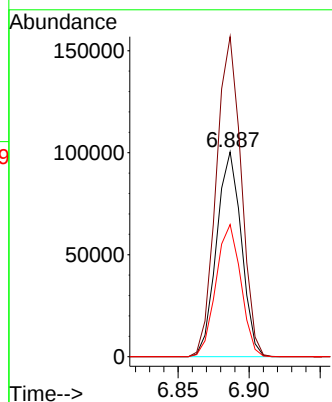
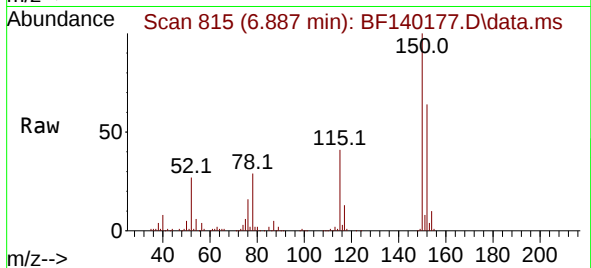




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

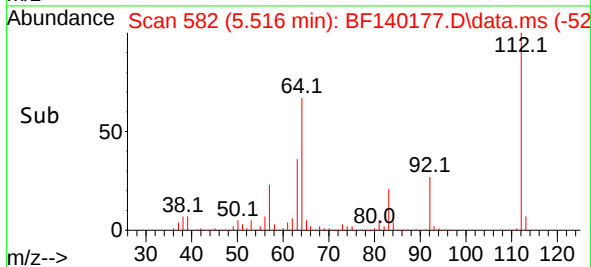
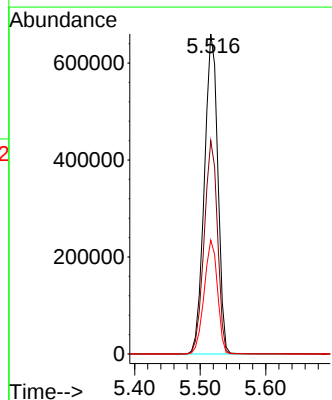
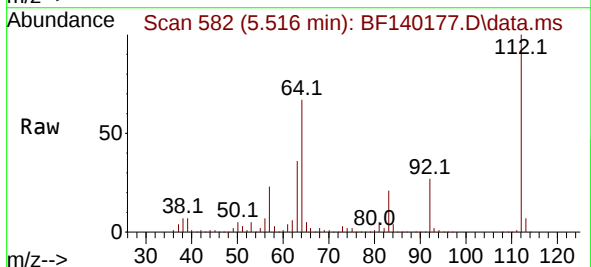
Instrument :
BNA_F
ClientSampleId :
PB164540BL

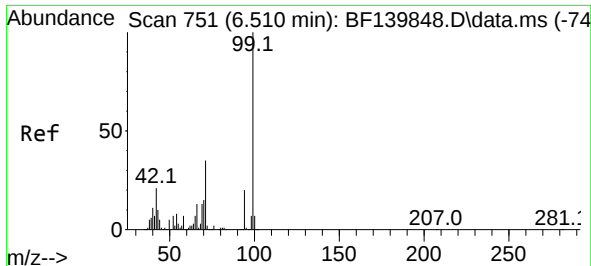
Tgt Ion:152 Resp: 121659
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 121.652 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion:112 Resp: 945395
Ion Ratio Lower Upper
112 100
64 66.7 53.0 79.6
63 35.6 27.0 40.4

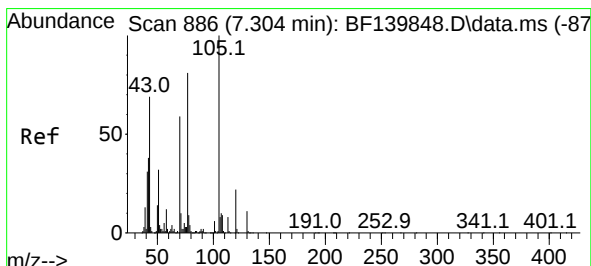
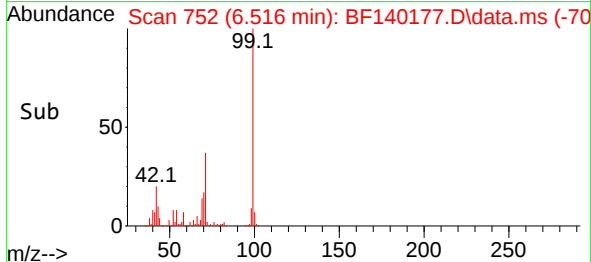
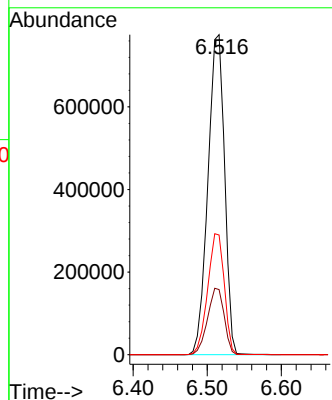
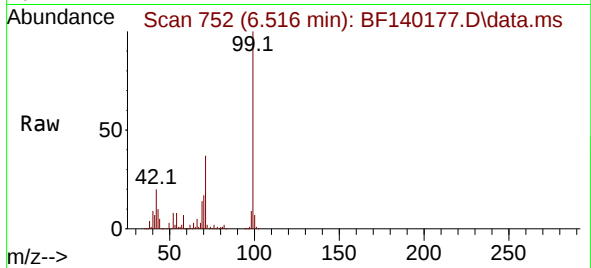




#7
Phenol-d6
Concen: 120.504 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

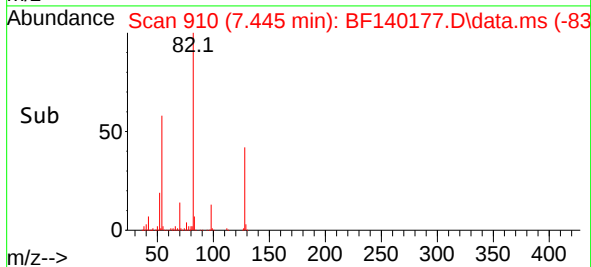
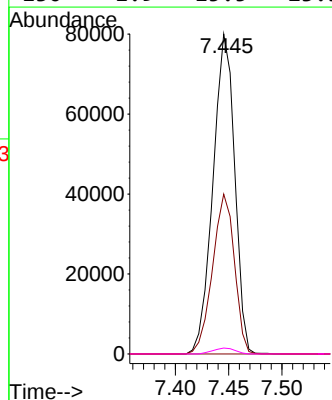
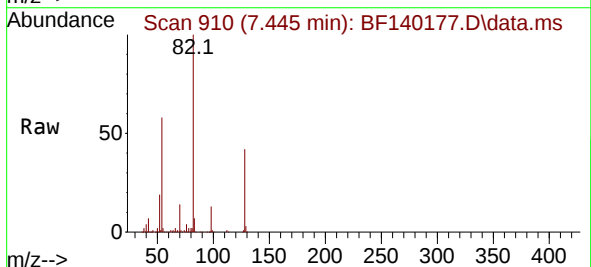
Instrument :
BNA_F
ClientSampleId :
PB164540BL

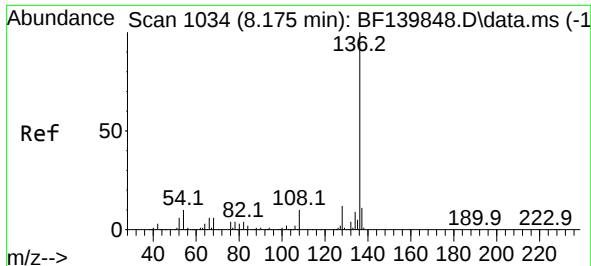
Tgt Ion: 99 Resp: 1212883
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 37.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.553 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion: 70 Resp: 113256
Ion Ratio Lower Upper
70 100
42 50.0 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



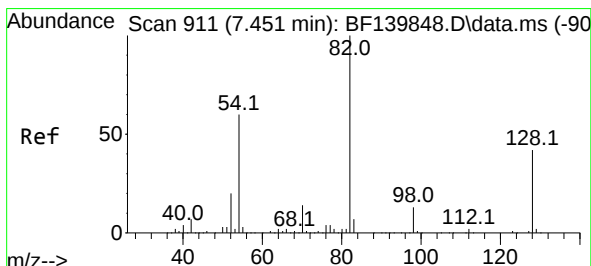
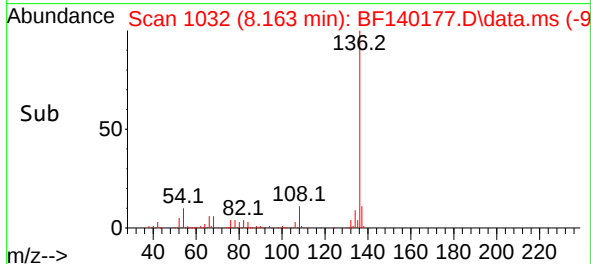
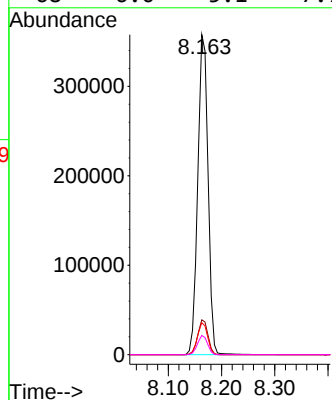
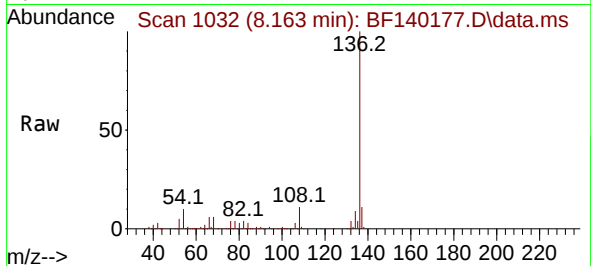


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
PB164540BL

Tgt Ion:136 Resp: 478189

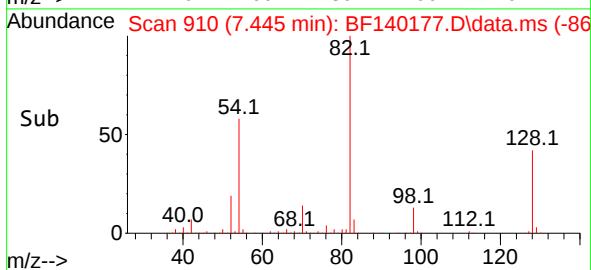
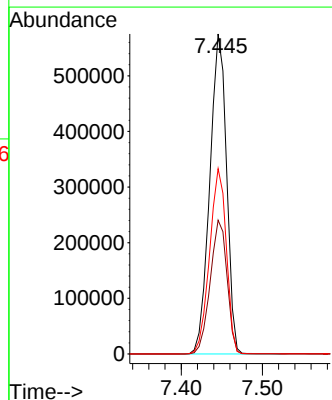
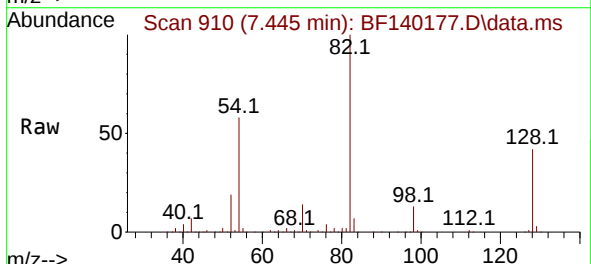
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.4	12.6
68	6.0	5.1	7.7

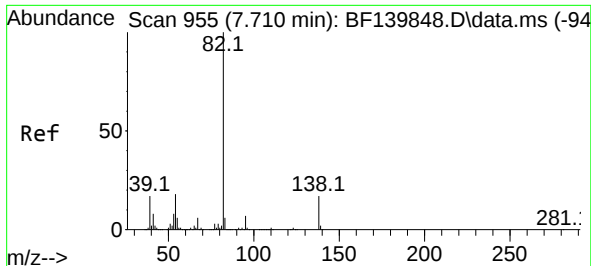


#23
Nitrobenzene-d5
Concen: 95.591 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion: 82 Resp: 824745

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	57.9	47.8	71.8

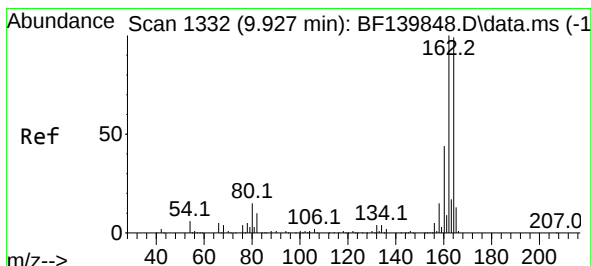
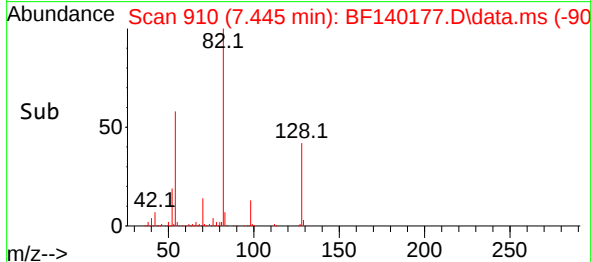
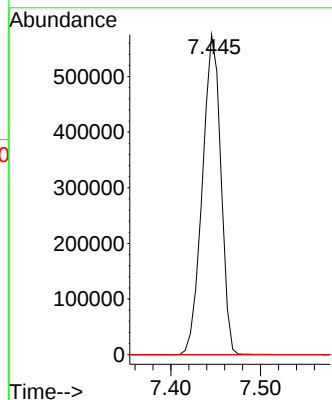
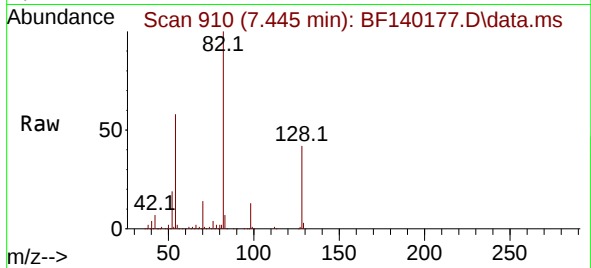




#25
Isophorone
Concen: 50.180 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

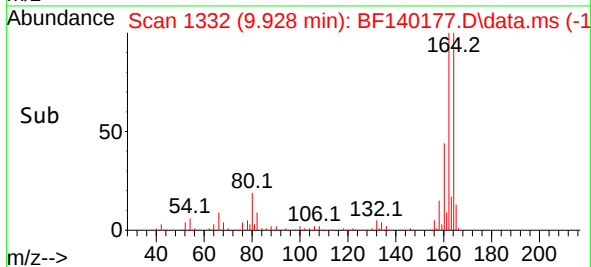
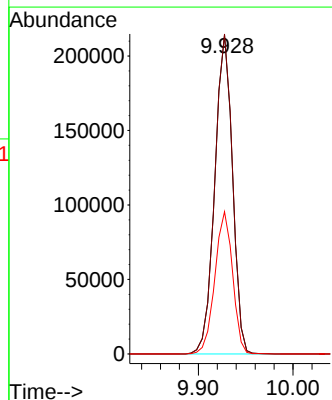
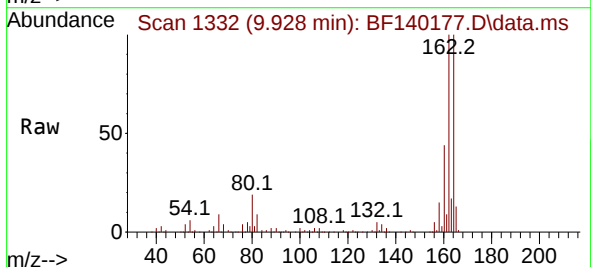
Instrument :
BNA_F
ClientSampleId :
PB164540BL

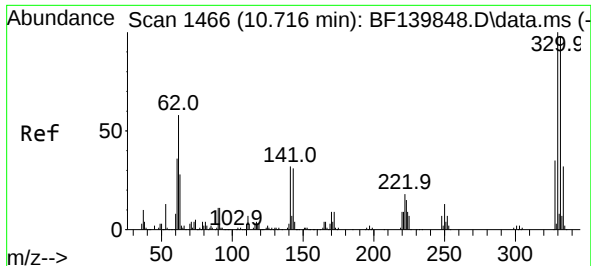
Tgt Ion: 82 Resp: 821734
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion:164 Resp: 278399
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 153.086 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140177.D

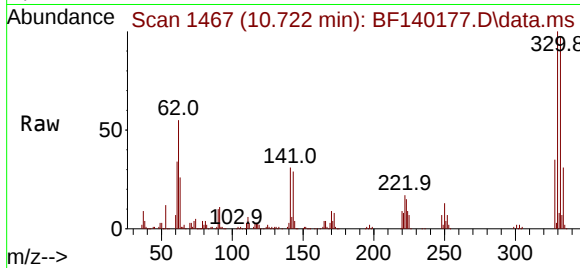
Acq: 31 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164540BL



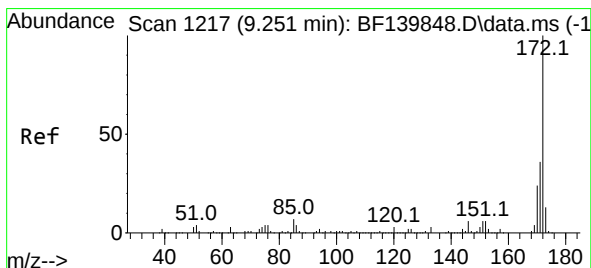
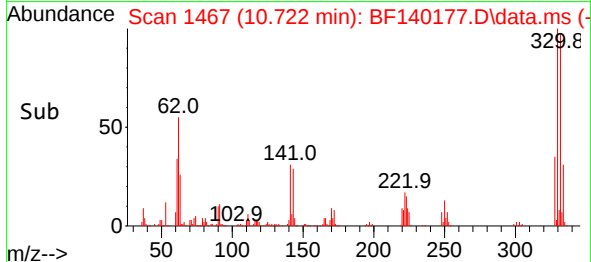
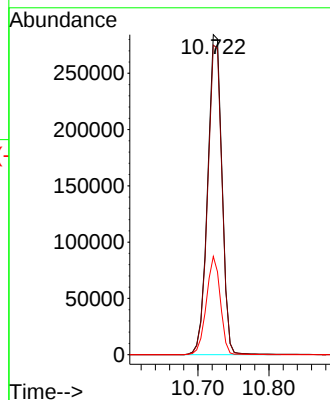
Tgt Ion:330 Resp: 398646

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 30.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 90.617 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140177.D

Acq: 31 Oct 2024 09:48

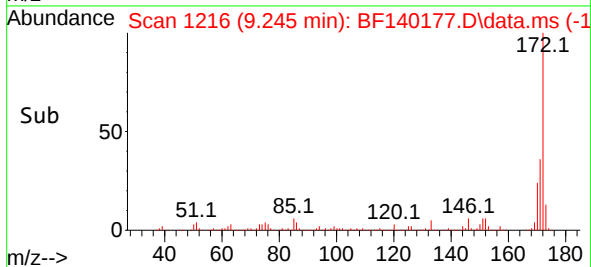
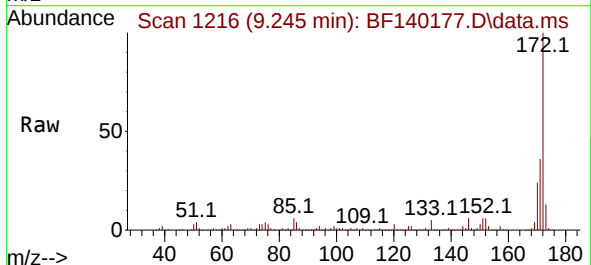
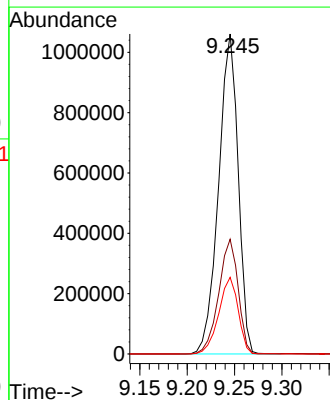
Tgt Ion:172 Resp: 1526450

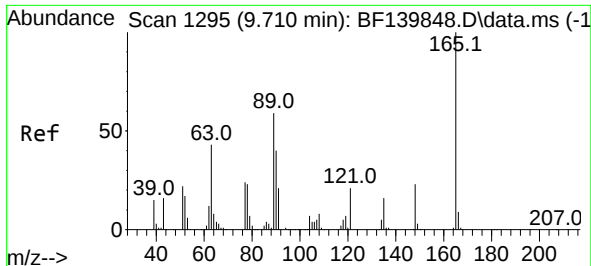
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.1 28.7

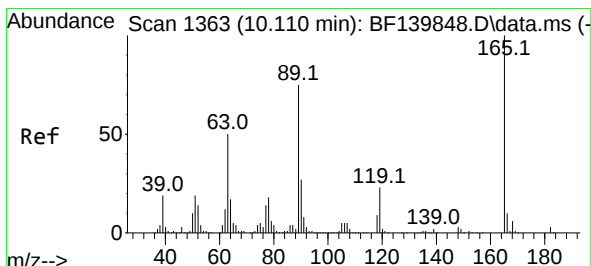
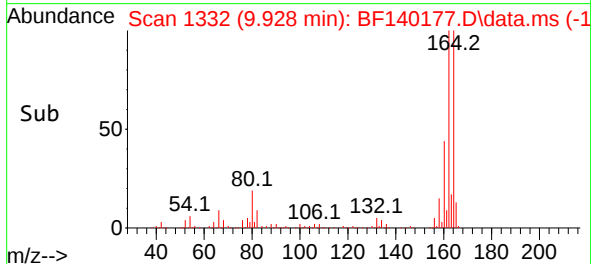
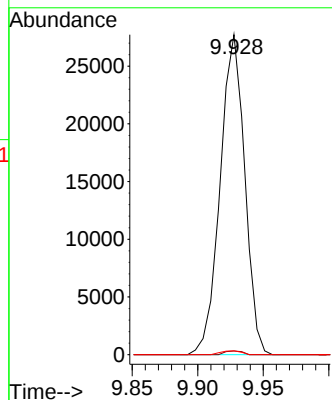
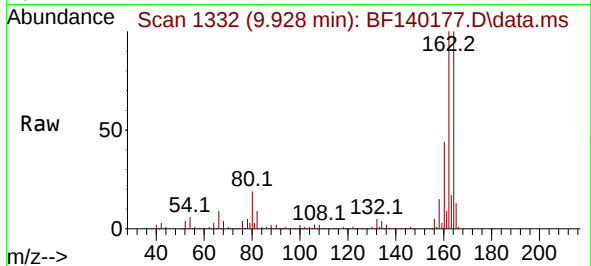




#51
2,6-Dinitrotoluene
Concen: 9.622 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

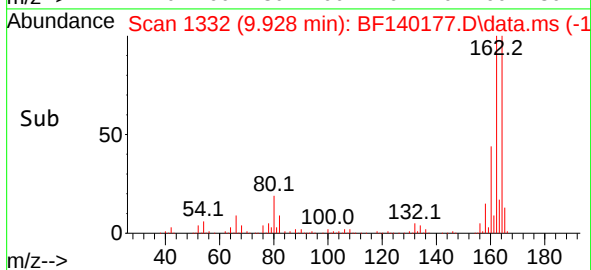
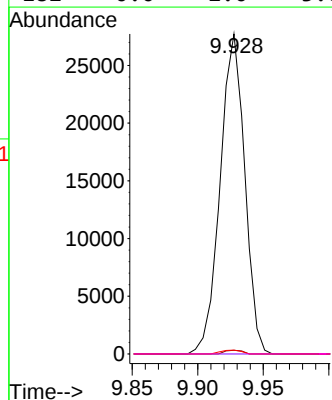
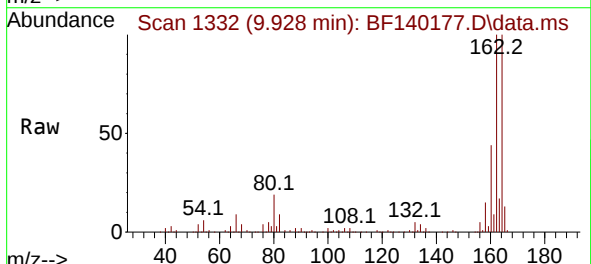
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PB164540BL

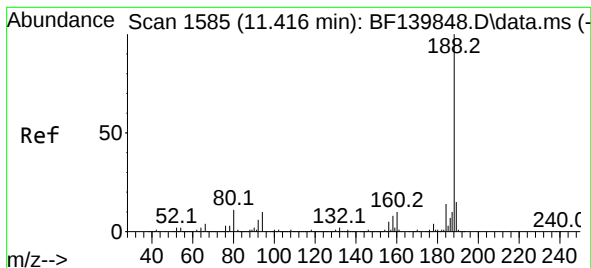
Tgt Ion:165 Resp: 36129
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.825 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion:165 Resp: 36129
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140177.D

Acq: 31 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164540BL

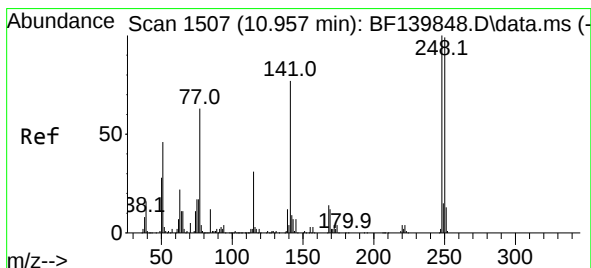
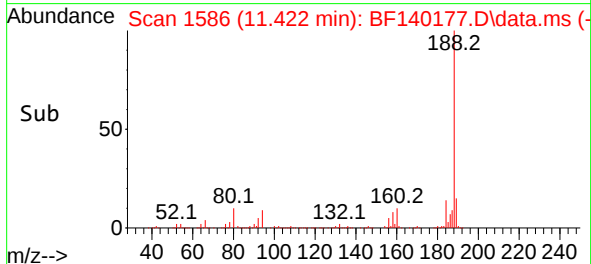
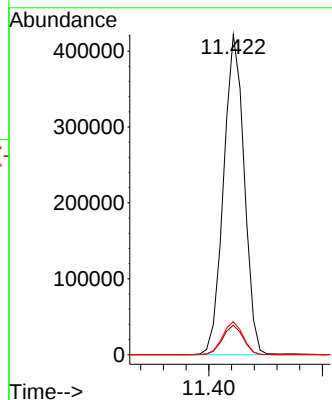
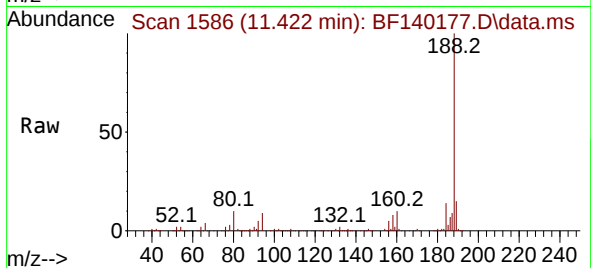
Tgt Ion:188 Resp: 531346

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.821 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.235 min

Lab File: BF140177.D

Acq: 31 Oct 2024 09:48

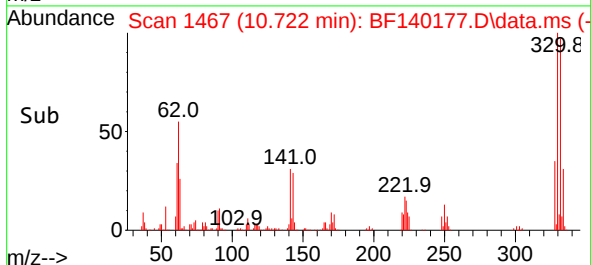
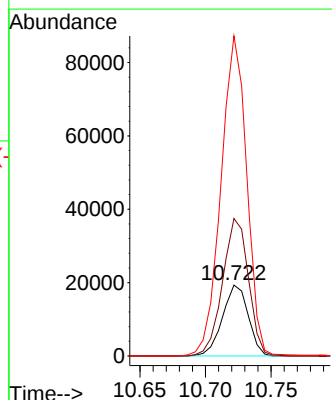
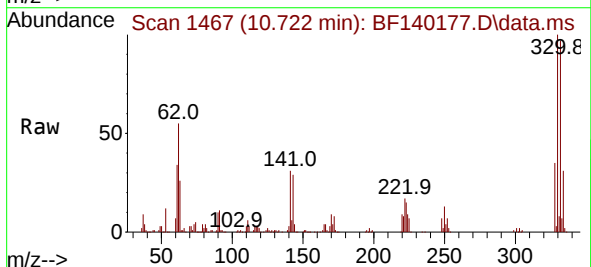
Tgt Ion:248 Resp: 26391

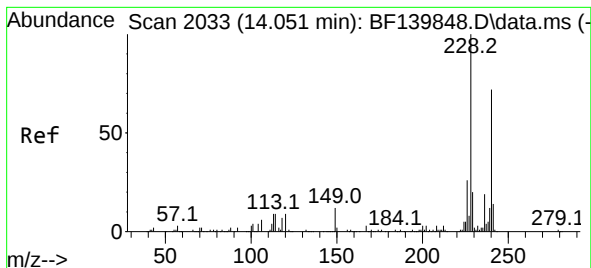
Ion Ratio Lower Upper

248 100

250 193.9 79.0 118.6#

141 451.2 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.041 min

Lab File: BF140177.D

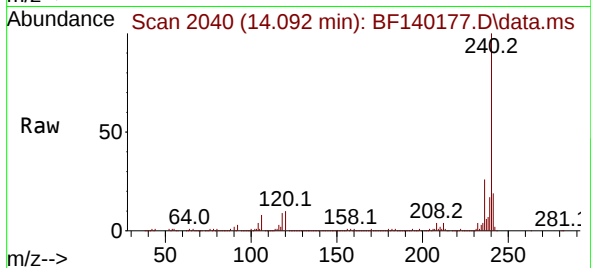
Acq: 31 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164540BL



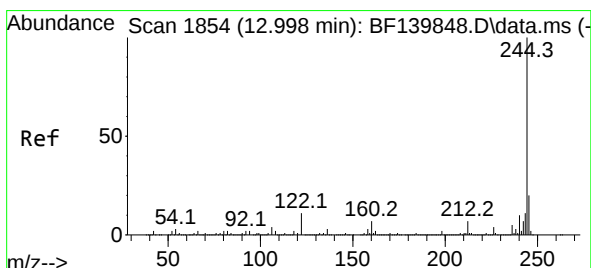
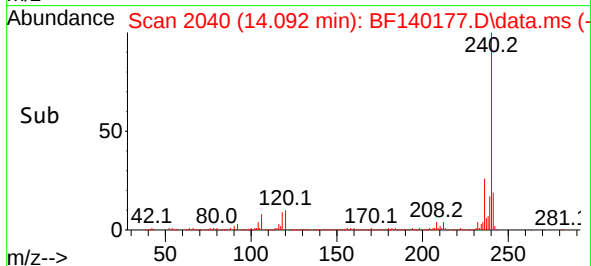
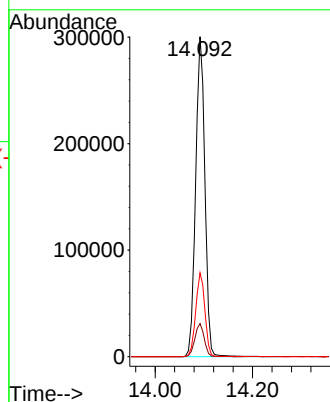
Tgt Ion:240 Resp: 399152

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 80.559 ng

RT: 13.021 min Scan# 1858

Delta R.T. 0.024 min

Lab File: BF140177.D

Acq: 31 Oct 2024 09:48

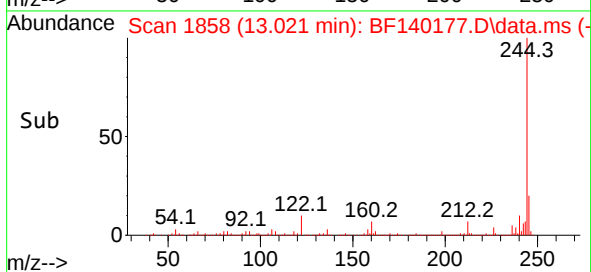
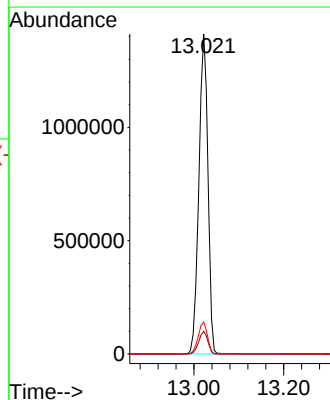
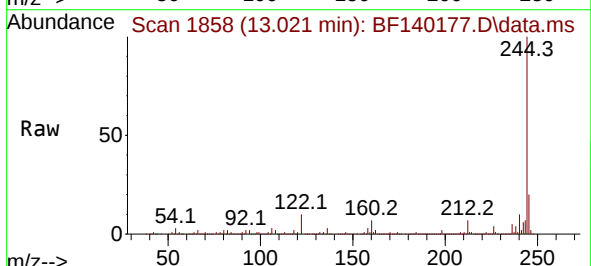
Tgt Ion:244 Resp: 1973350

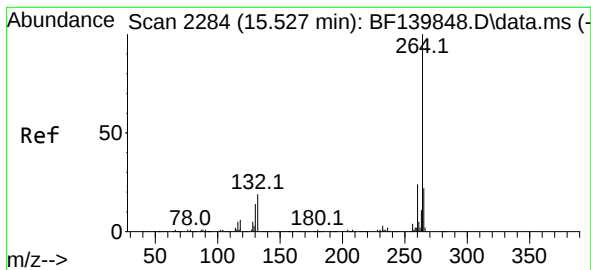
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. 0.106 min

Lab File: BF140177.D

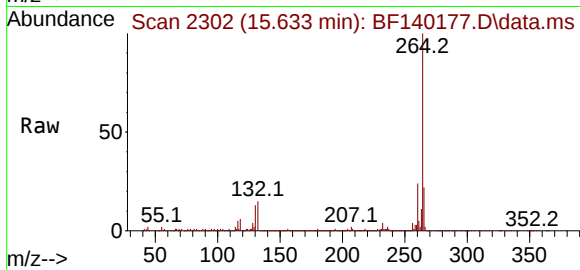
Acq: 31 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB164540BL



Tgt Ion:264 Resp: 338808

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.7 17.4 26.0

