

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140168.D
 Acq On : 30 Oct 2024 19:58
 Operator : RC/JU
 Sample : P4594-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Nov 01 02:18:53 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)

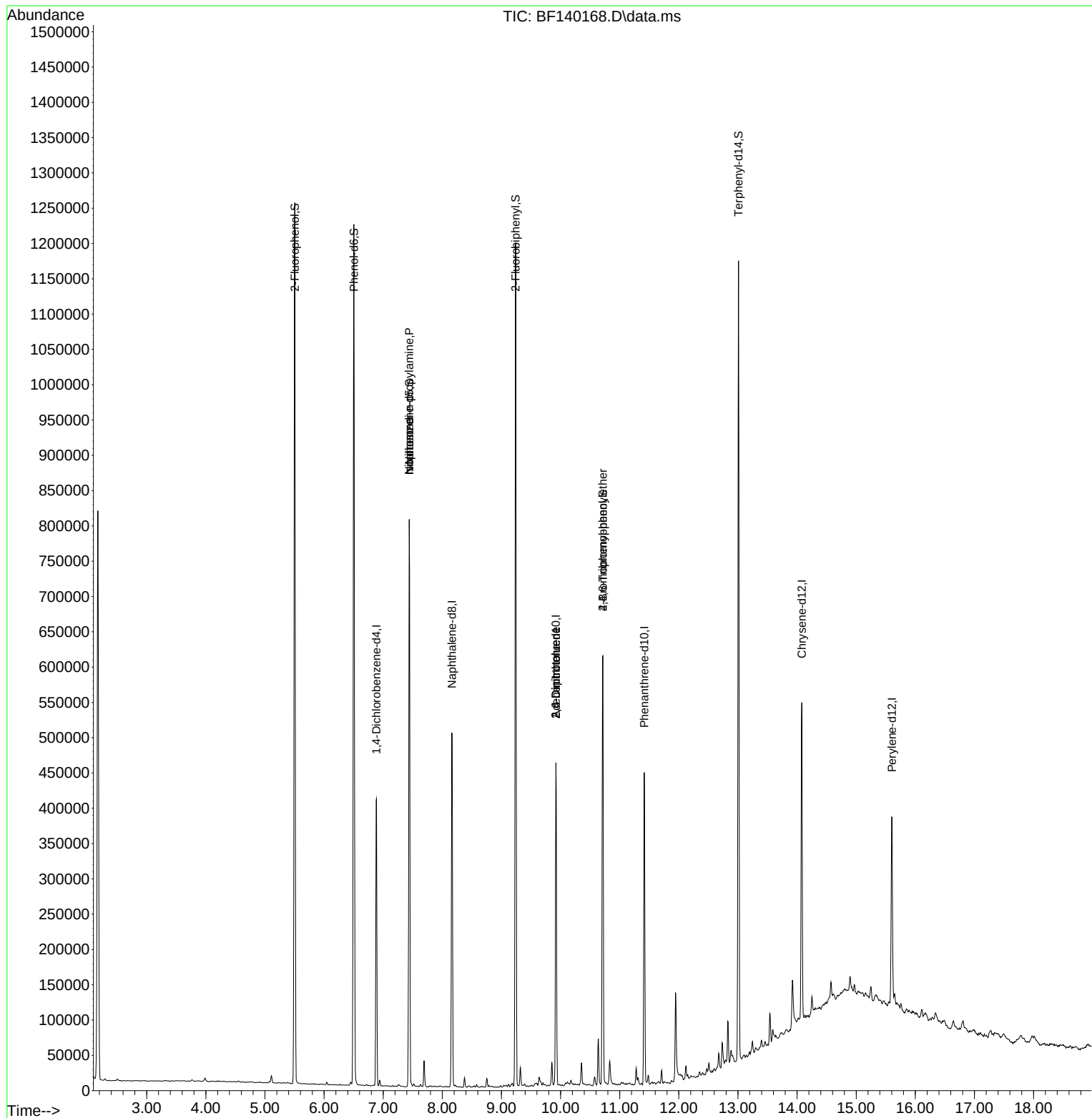
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	84101	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	295825	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	132948	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	226502	20.000	ng	0.00
76) Chrysene-d12	14.080	240	215715	20.000	ng	0.03
86) Perylene-d12	15.604	264	163908	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	445865	82.995	ng	0.00
7) Phenol-d6	6.504	99	541947	77.890	ng	0.00
23) Nitrobenzene-d5	7.439	82	342965	64.255	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	102281	82.249	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	512531	63.714	ng	-0.01
79) Terphenyl-d14	13.010	244	547674	41.371	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	46980	11.133	ng	# 77
25) Isophorone	7.439	82	342014	33.760	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	17349	9.676	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	17349	7.868	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	7049	3.021	ng	# 1

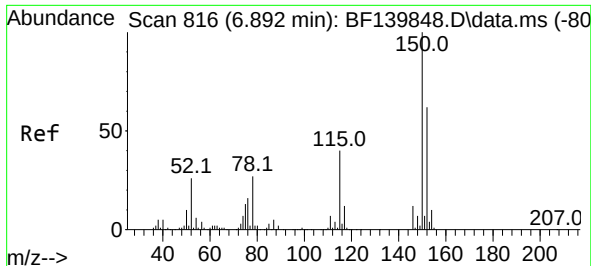
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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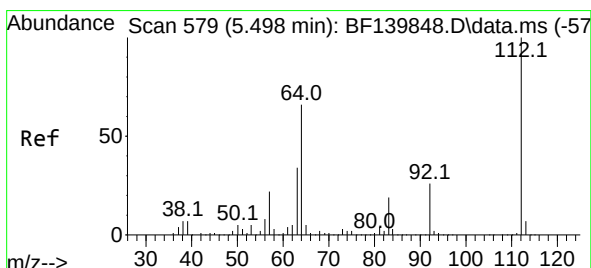
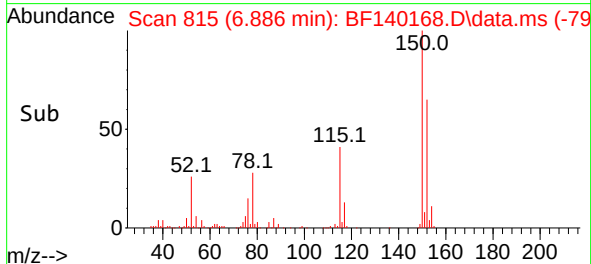
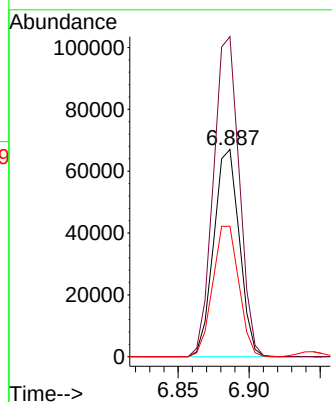
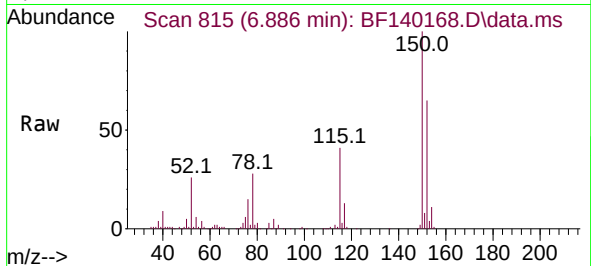




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

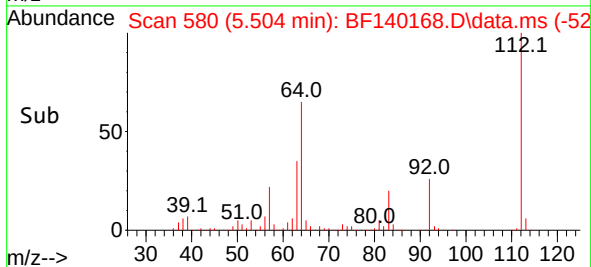
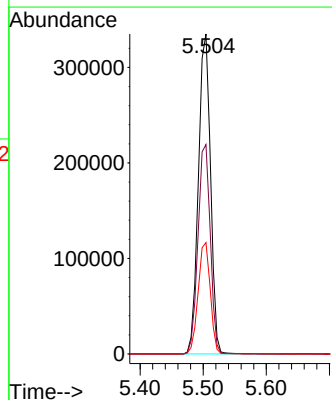
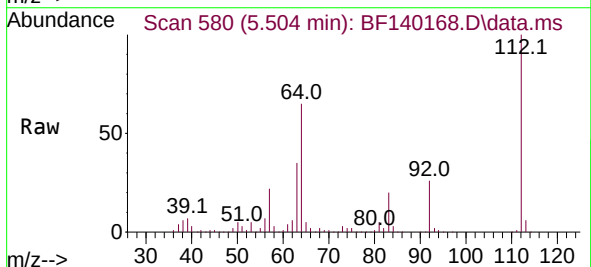
Instrument :
BNA_F
ClientSampleId :
TP-4

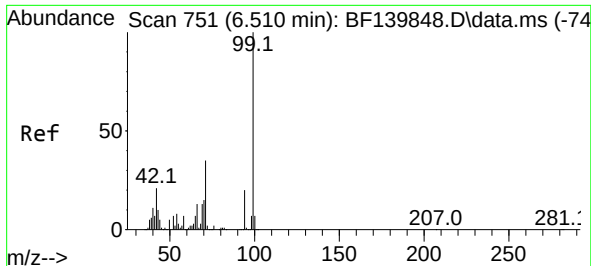
Tgt Ion:152 Resp: 84101
Ion Ratio Lower Upper
152 100
150 154.4 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 82.995 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion:112 Resp: 445865
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.8 27.0 40.4

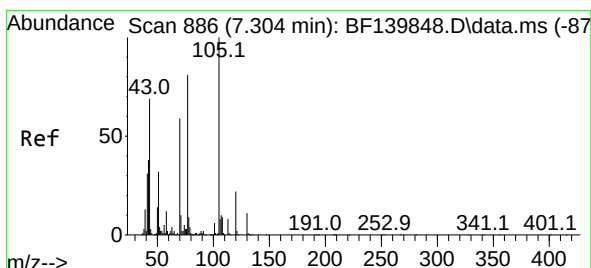
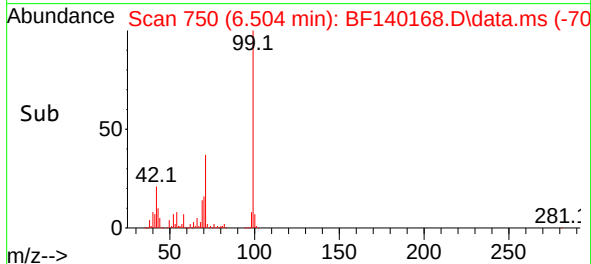
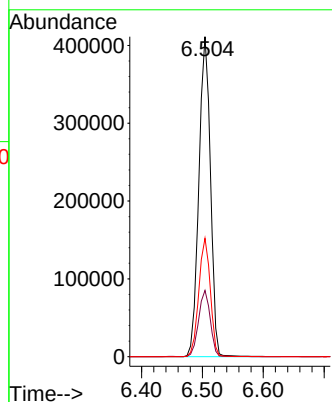
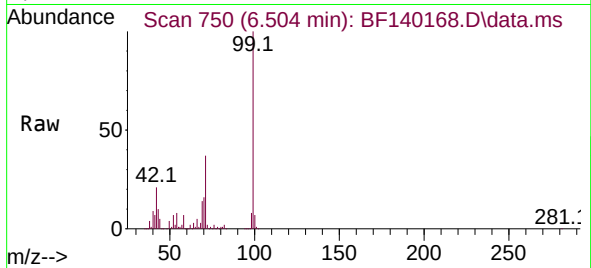




#7
Phenol-d6
Concen: 77.890 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

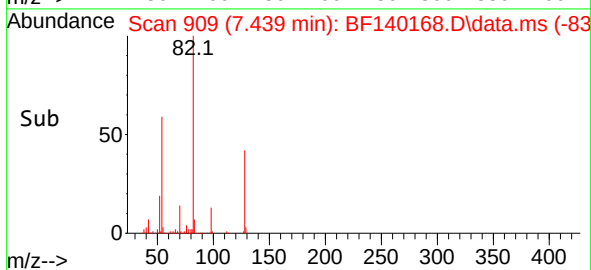
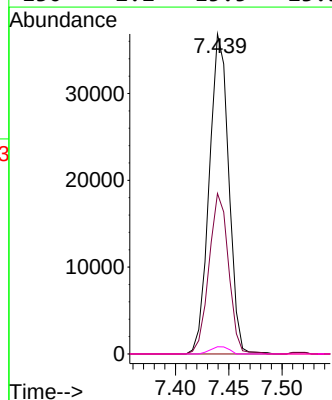
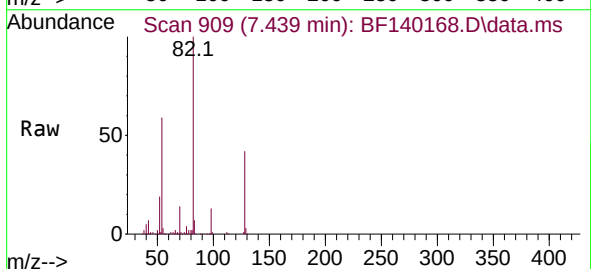
Instrument :
BNA_F
ClientSampleId :
TP-4

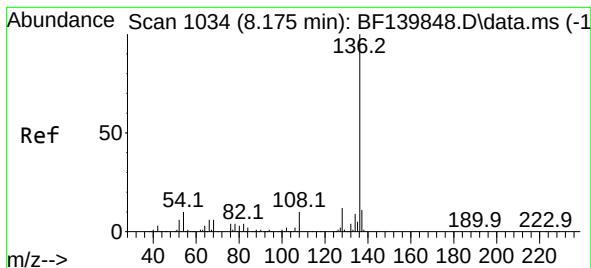
Tgt Ion: 99 Resp: 541947
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 37.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.133 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion: 70 Resp: 46980
Ion Ratio Lower Upper
70 100
42 50.2 51.5 77.3#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Instrument :

BNA_F

ClientSampleId :

TP-4

Tgt Ion:136 Resp: 295825

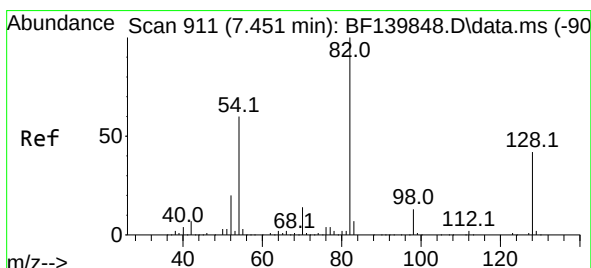
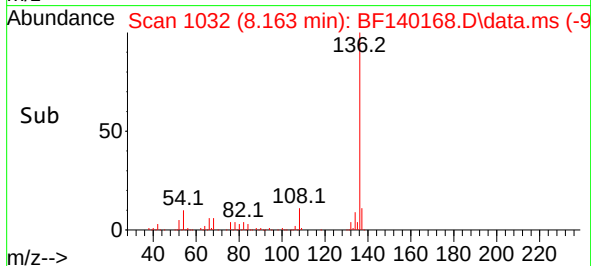
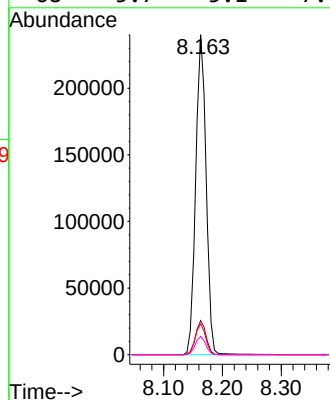
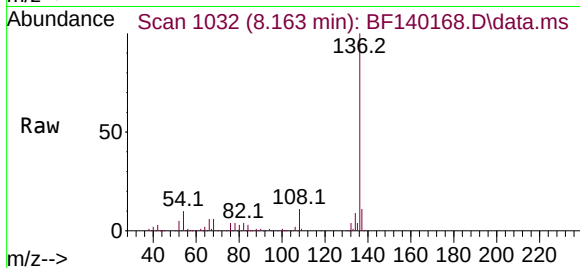
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.6 8.4 12.6

68 5.7 5.1 7.7



#23

Nitrobenzene-d5

Concen: 64.255 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

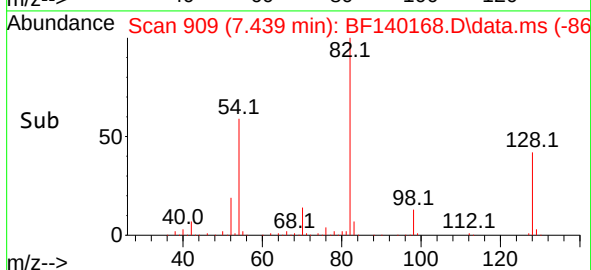
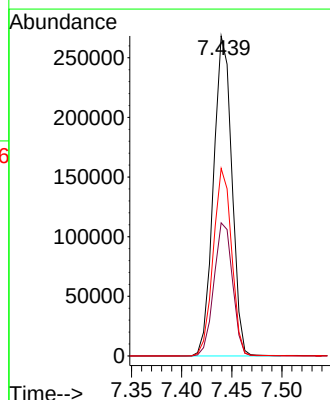
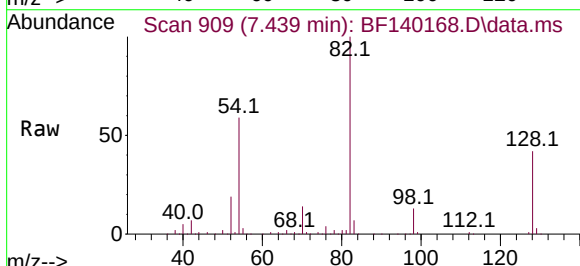
Tgt Ion: 82 Resp: 342965

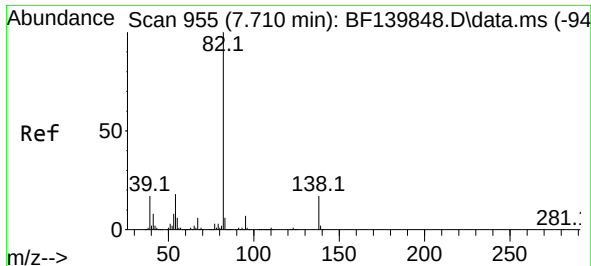
Ion Ratio Lower Upper

82 100

128 41.6 33.4 50.0

54 58.6 47.8 71.8

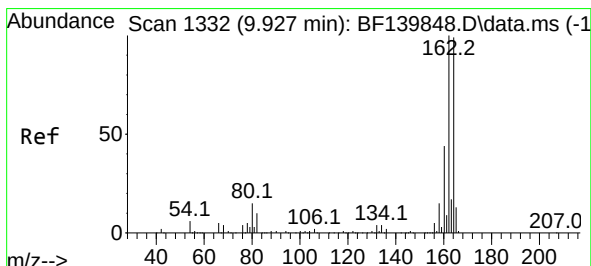
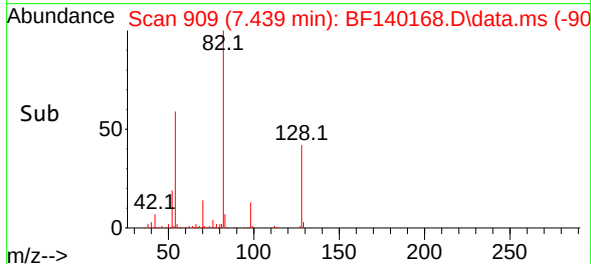
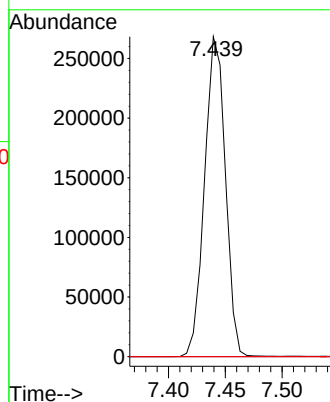
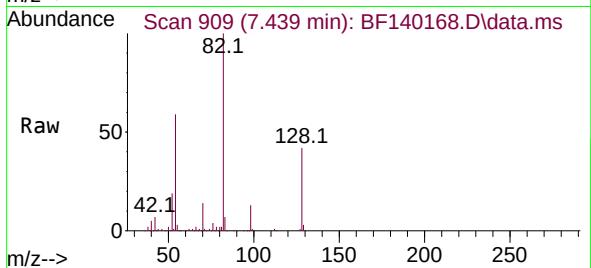




#25
Isophorone
Concen: 33.760 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

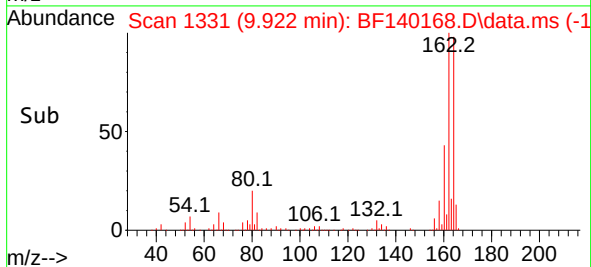
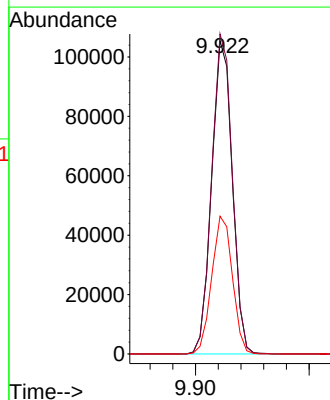
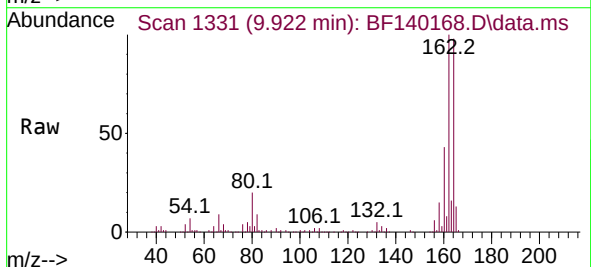
Instrument :
BNA_F
ClientSampleId :
TP-4

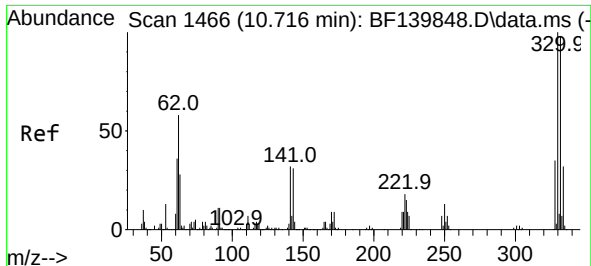
Tgt Ion: 82 Resp: 342014
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion:164 Resp: 132948
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.249 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Instrument :

BNA_F

ClientSampleId :

TP-4

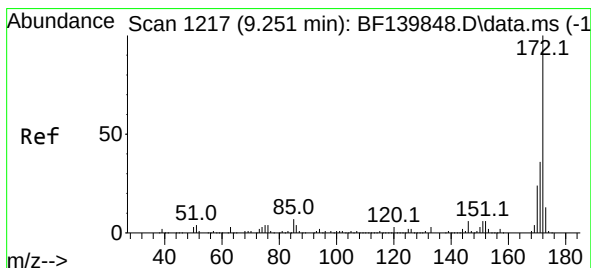
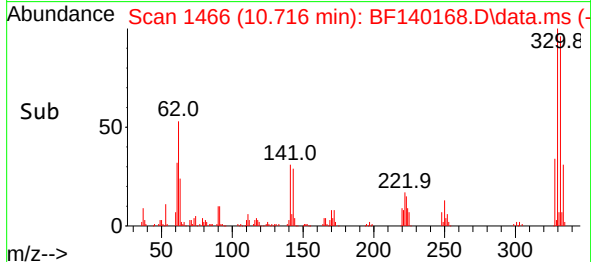
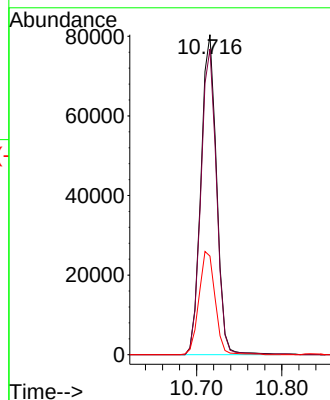
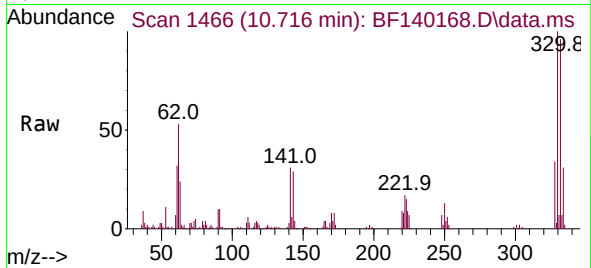
Tgt Ion:330 Resp: 102281

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 33.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 63.714 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

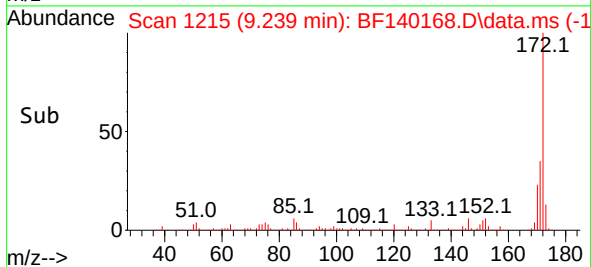
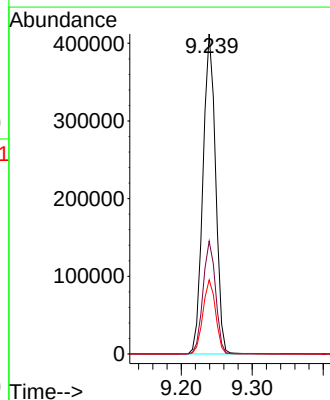
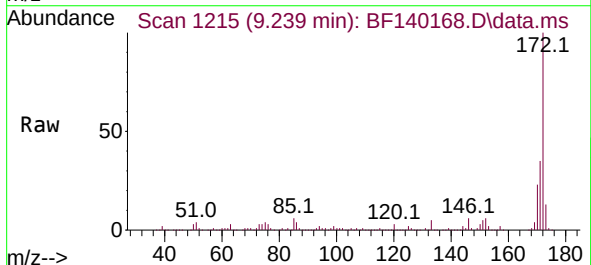
Tgt Ion:172 Resp: 512531

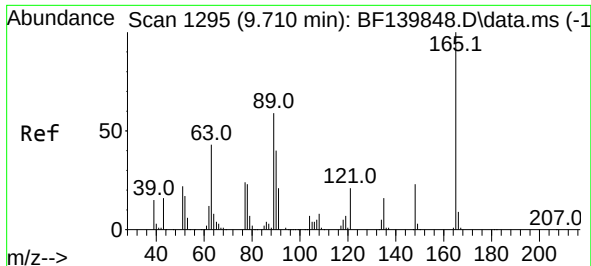
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.2 19.1 28.7

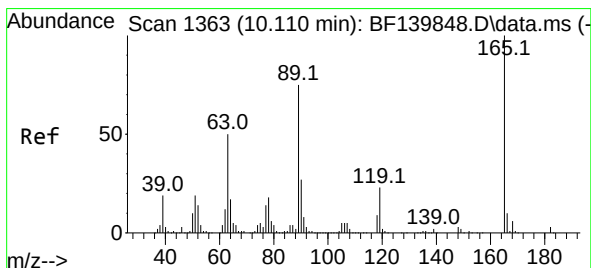
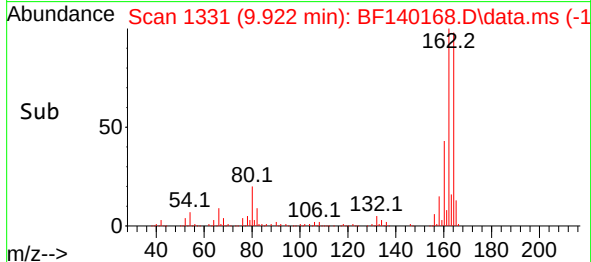
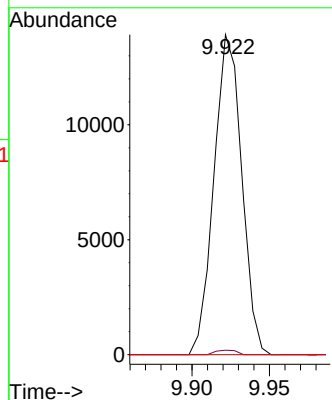
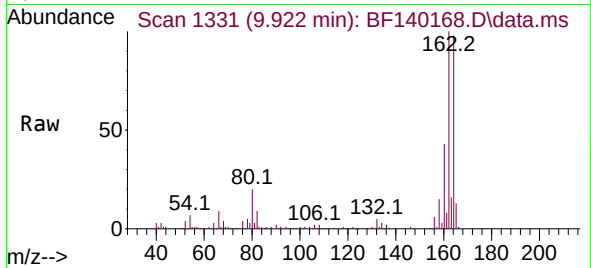




#51
2,6-Dinitrotoluene
Concen: 9.676 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

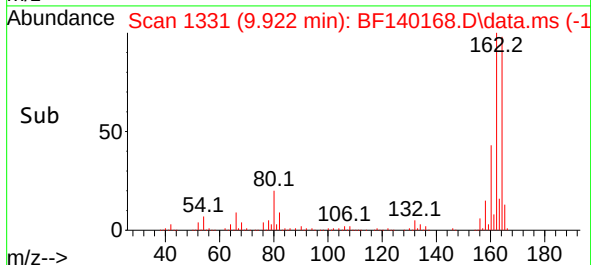
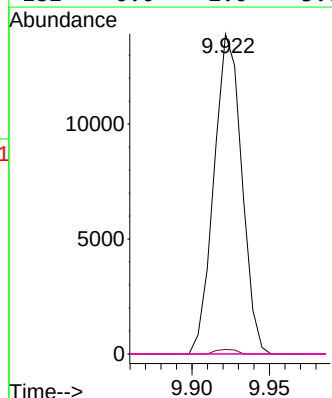
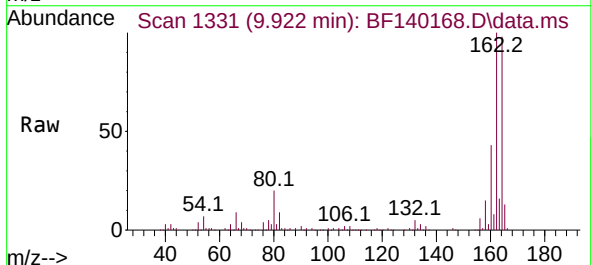
Instrument :
BNA_F
ClientSampleId :
TP-4

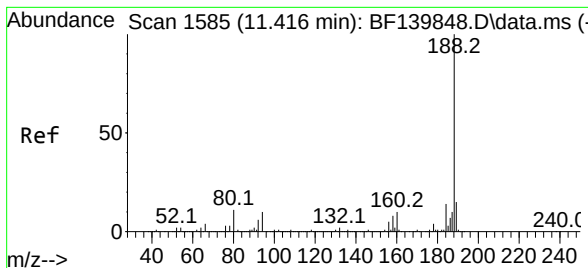
Tgt Ion:165 Resp: 17349
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 0.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.868 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion:165 Resp: 17349
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 0.0 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Instrument :

BNA_F

ClientSampleId :

TP-4

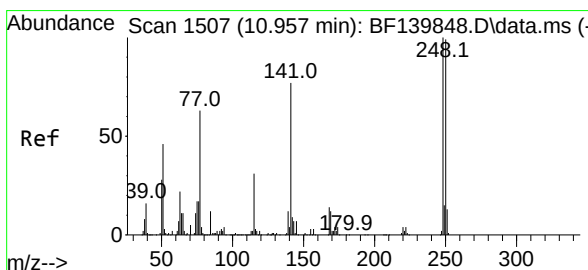
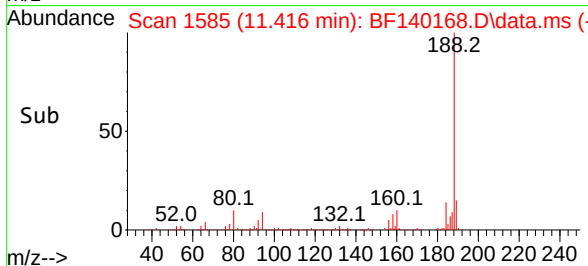
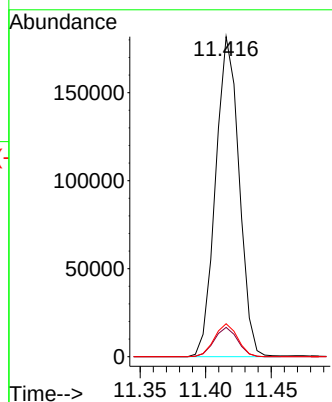
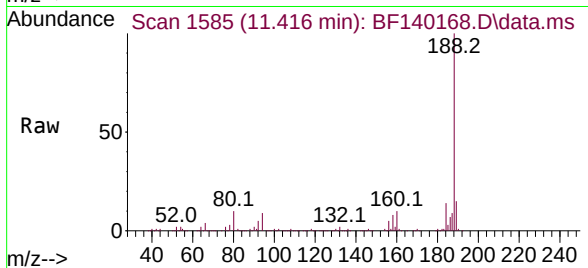
Tgt Ion:188 Resp: 226502

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: 3.021 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

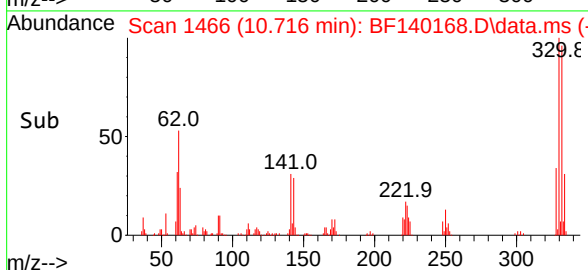
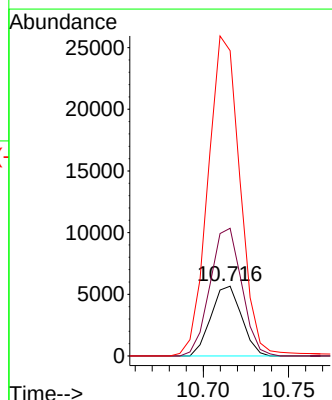
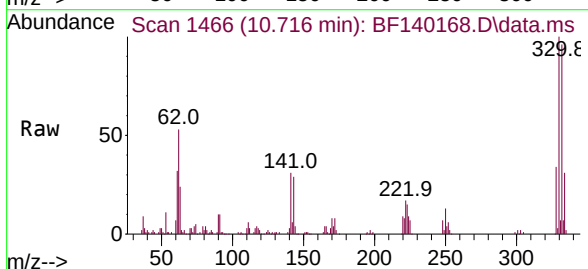
Tgt Ion:248 Resp: 7049

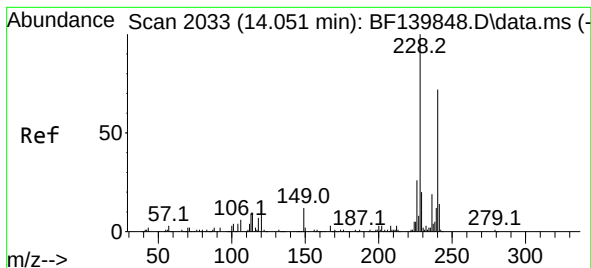
Ion Ratio Lower Upper

248 100

250 182.8 79.0 118.6#

141 437.4 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.029 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Instrument :

BNA_F

ClientSampleId :

TP-4

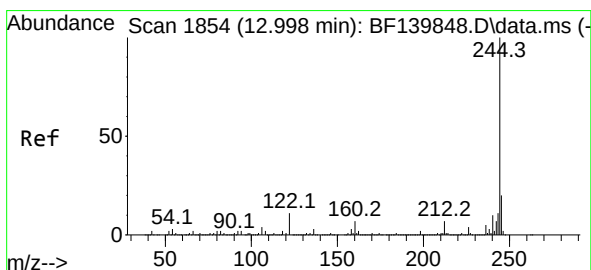
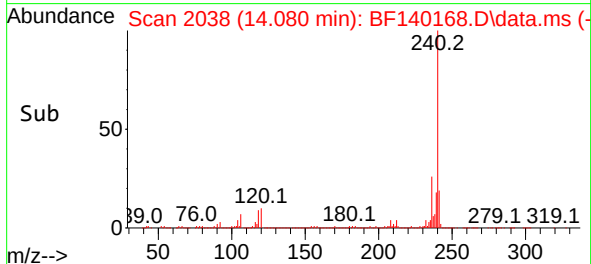
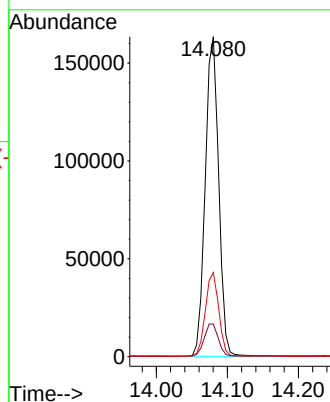
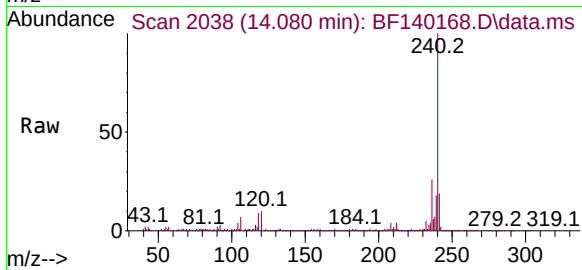
Tgt Ion:240 Resp: 215715

Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 41.371 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.012 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

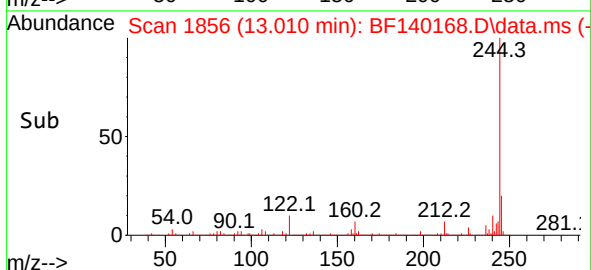
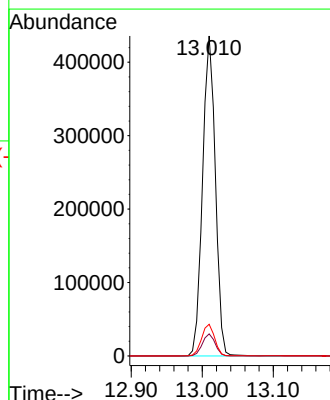
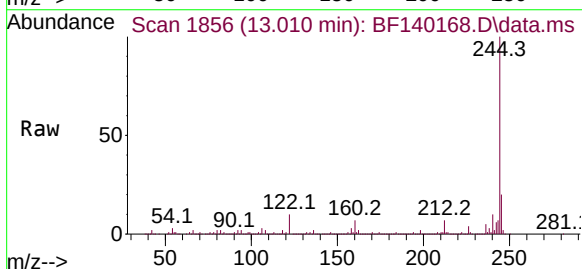
Tgt Ion:244 Resp: 547674

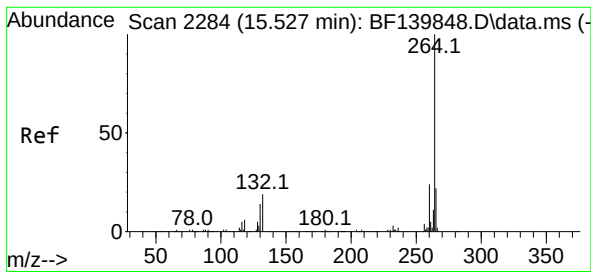
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.9 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:264	Resp:	163908
Ion	Ratio	Lower Upper
264	100	
260	23.5	19.4 29.2
265	21.4	17.4 26.0

