

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140179.D
 Acq On : 31 Oct 2024 10:41
 Operator : RC/JU
 Sample : PB164522TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164522TB

Quant Time: Oct 31 12:10:26 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)

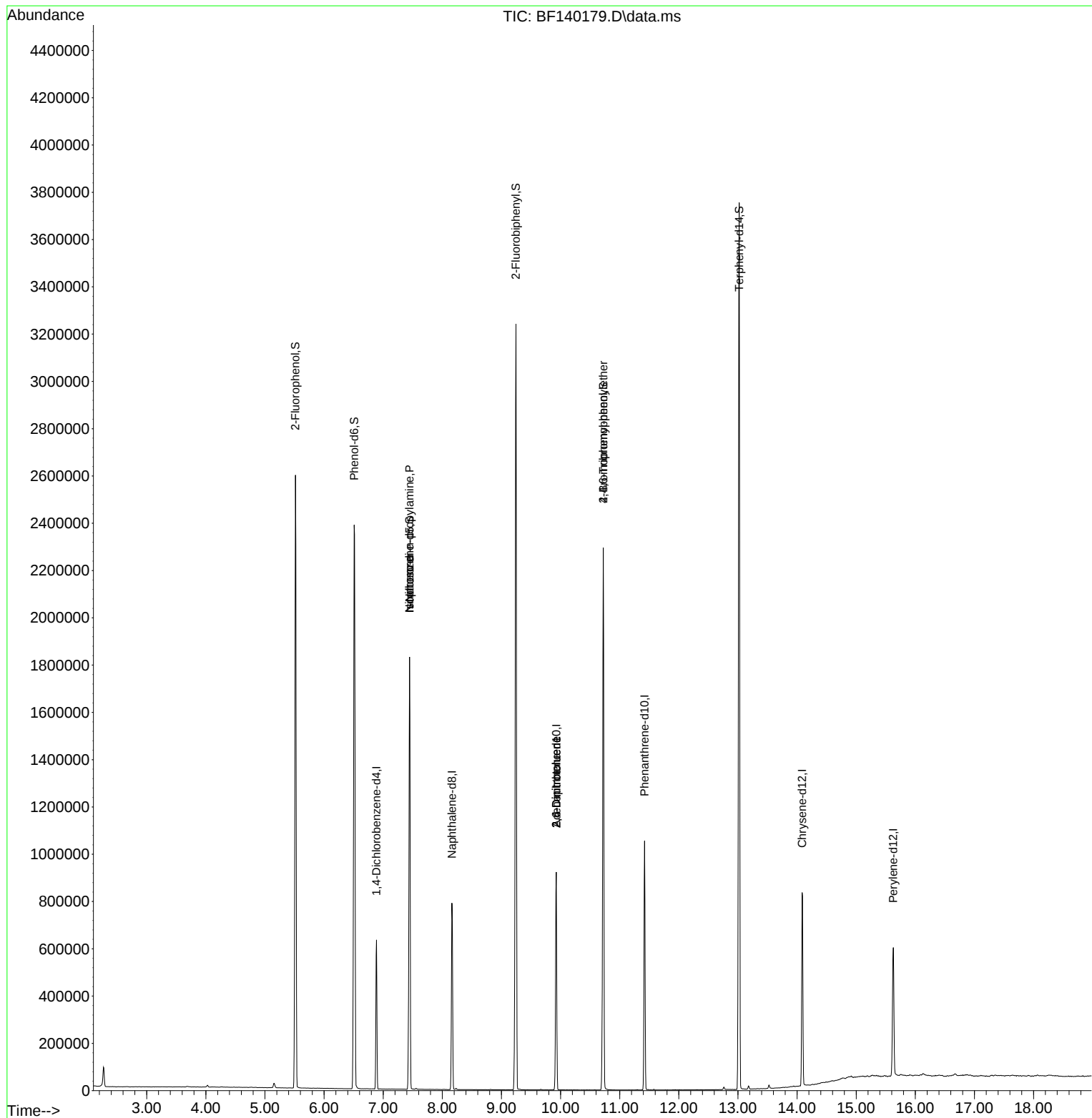
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	125571	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	492502	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	287215	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	551524	20.000	ng	0.00
76) Chrysene-d12	14.086	240	402294	20.000	ng	0.04
86) Perylene-d12	15.627	264	329817	20.000	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	996171	124.192	ng	0.02
7) Phenol-d6	6.510	99	1267251	121.983	ng	0.00
23) Nitrobenzene-d5	7.445	82	872649	98.203	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	427070	158.968	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1600612	92.103	ng	0.00
79) Terphenyl-d14	13.021	244	2081631	84.316	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	119848	19.021	ng	# 77
25) Isophorone	7.445	82	872384	51.725	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	37063	9.568	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	37063	7.781	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	27931	4.916	ng	# 1

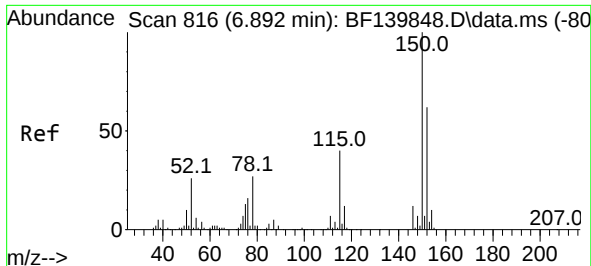
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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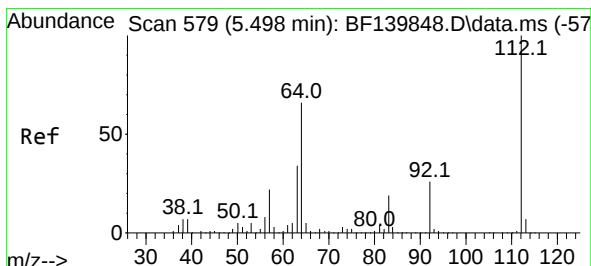
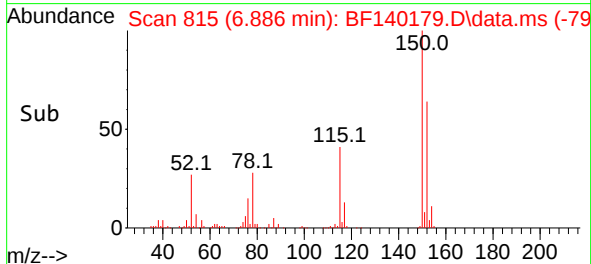
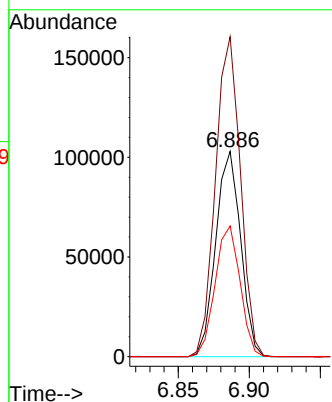
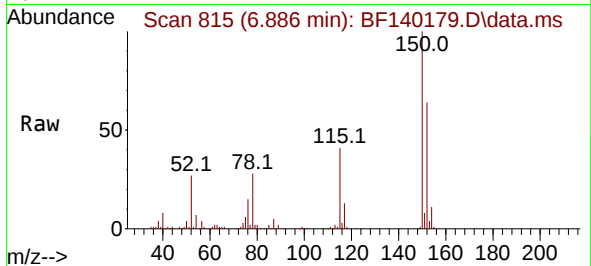




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

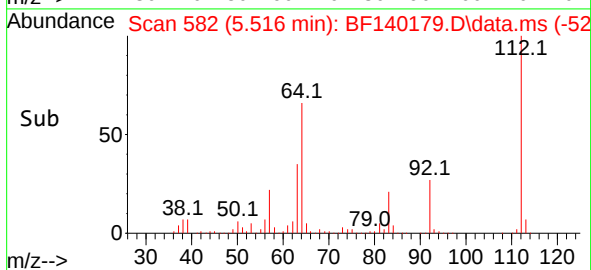
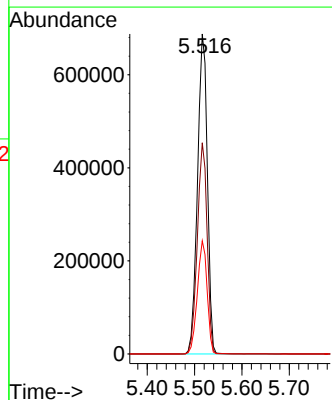
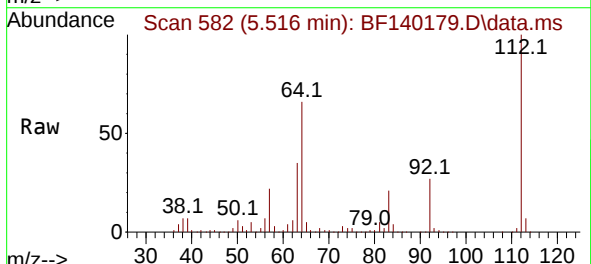
Instrument :
BNA_F
ClientSampleId :
PB164522TB

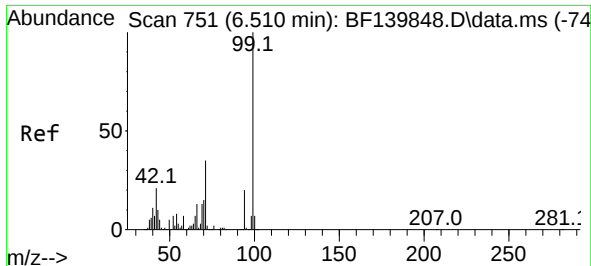
Tgt Ion:152 Resp: 125571
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 124.192 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion:112 Resp: 996171
Ion Ratio Lower Upper
112 100
64 66.0 53.0 79.6
63 35.4 27.0 40.4

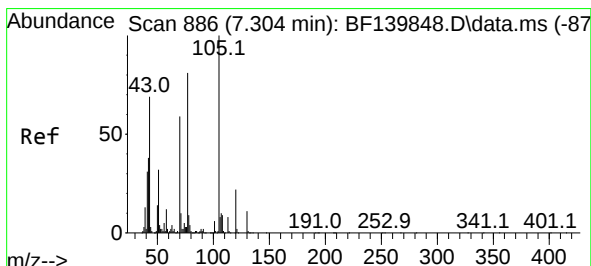
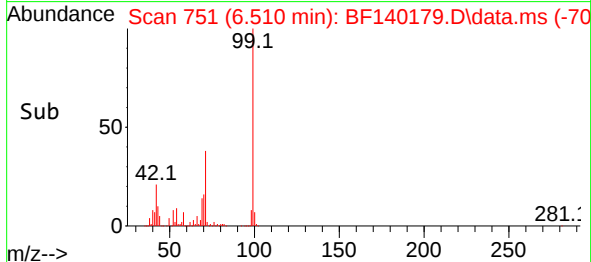
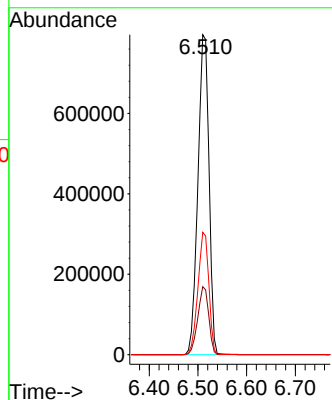
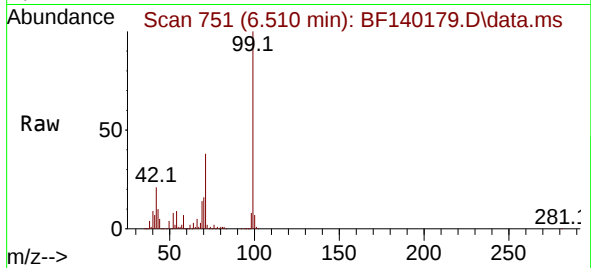




#7
Phenol-d6
Concen: 121.983 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

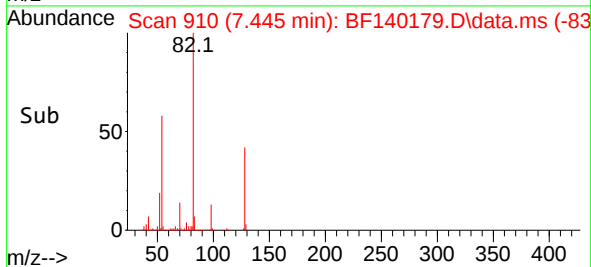
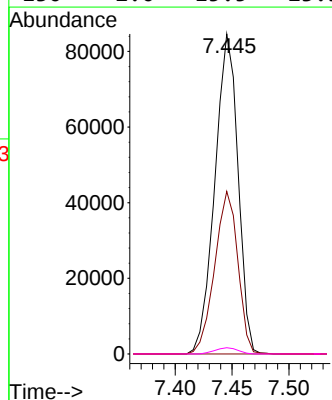
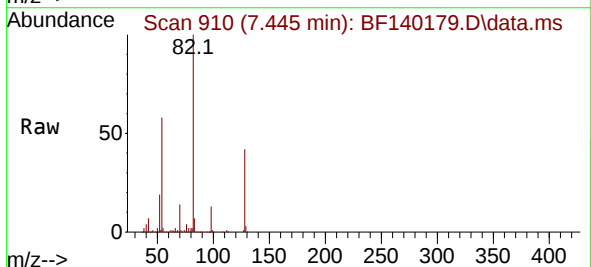
Instrument :
BNA_F
ClientSampleId :
PB164522TB

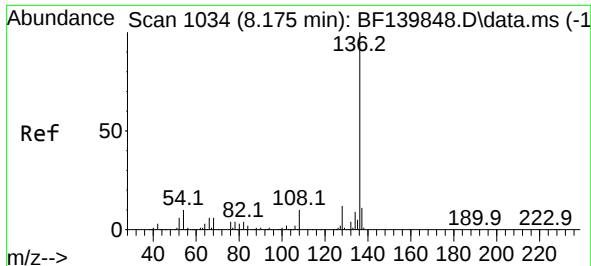
Tgt Ion: 99 Resp: 1267251
Ion Ratio Lower Upper
99 100
42 21.3 16.7 25.1
71 38.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.021 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion: 70 Resp: 119848
Ion Ratio Lower Upper
70 100
42 50.8 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



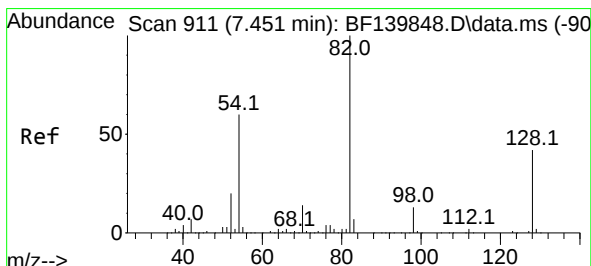
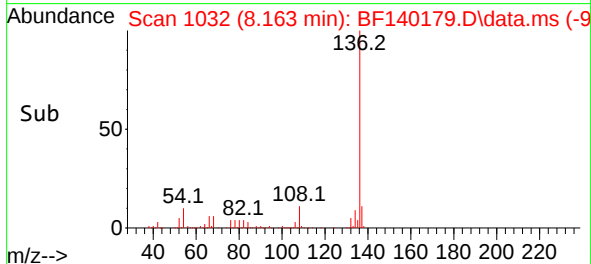
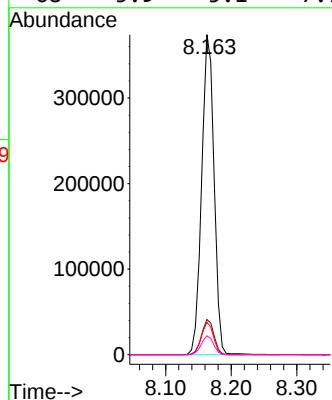
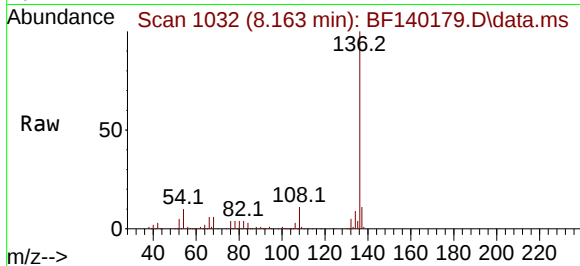


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164522TB

Tgt Ion:136 Resp: 492502

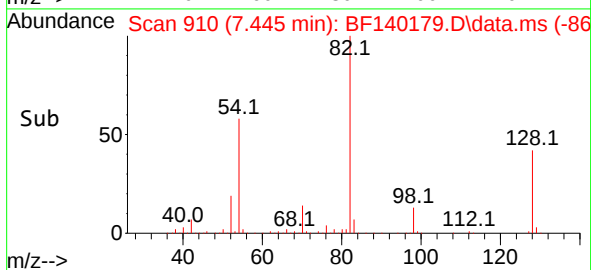
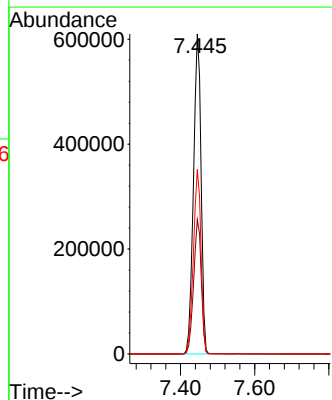
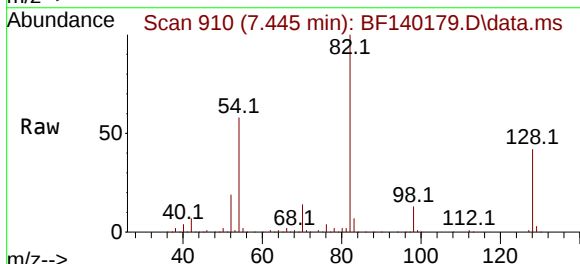
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.1	8.4	12.6
68	5.9	5.1	7.7

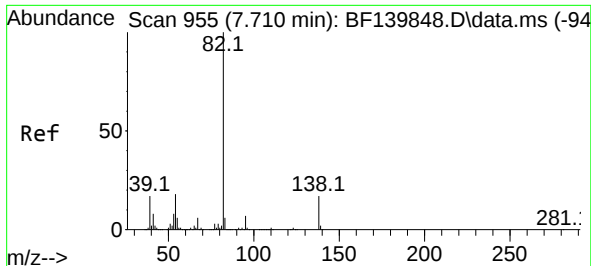


#23
Nitrobenzene-d5
Concen: 98.203 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion: 82 Resp: 872649

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	57.6	47.8	71.8

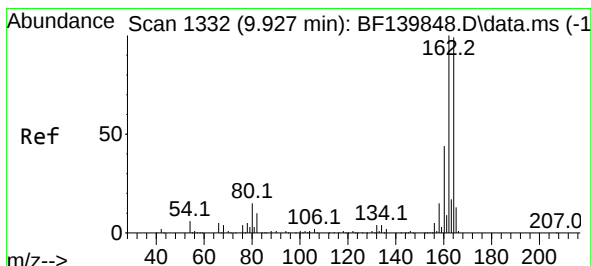
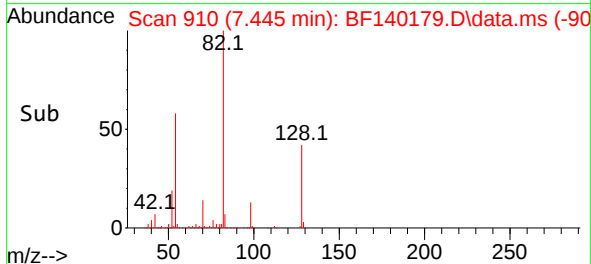
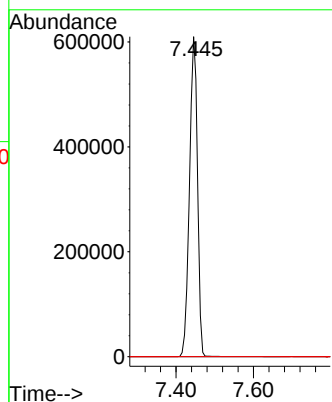
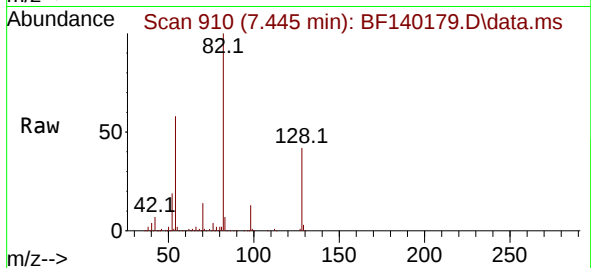




#25
Isophorone
Concen: 51.725 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

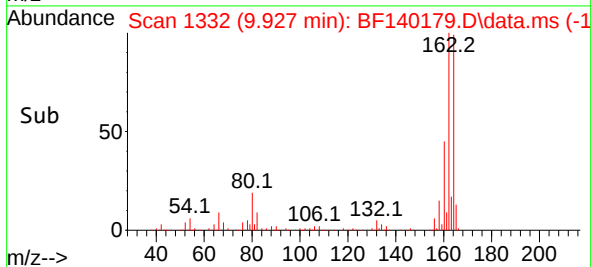
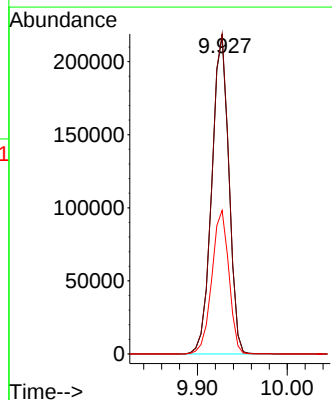
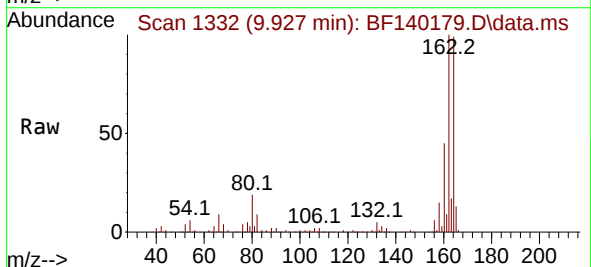
Instrument :
BNA_F
ClientSampleId :
PB164522TB

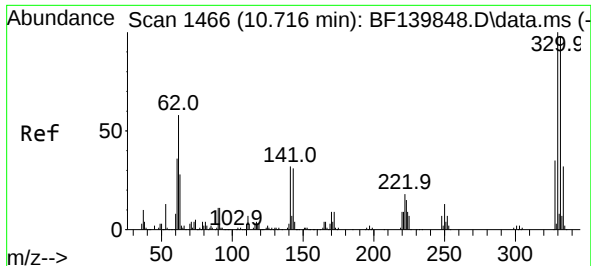
Tgt Ion: 82 Resp: 872384
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

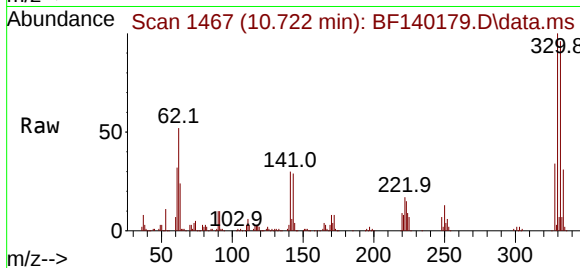
Tgt Ion:164 Resp: 287215
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 45.2 35.4 53.0



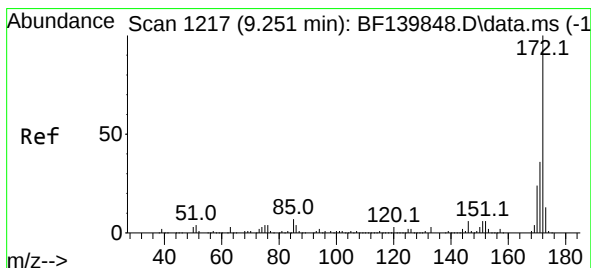
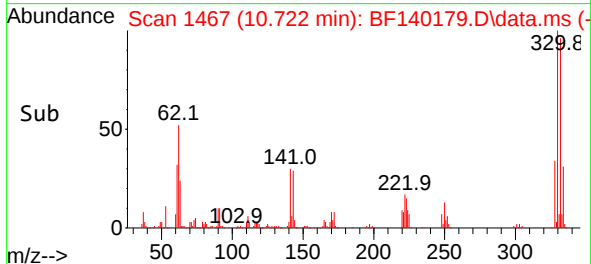
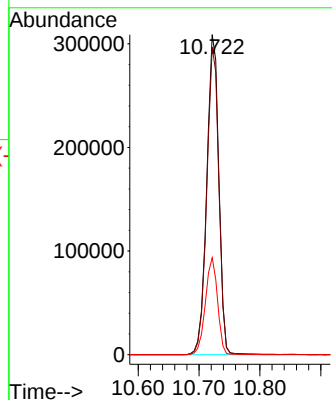


#42
2,4,6-Tribromophenol
Concen: 158.968 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164522TB

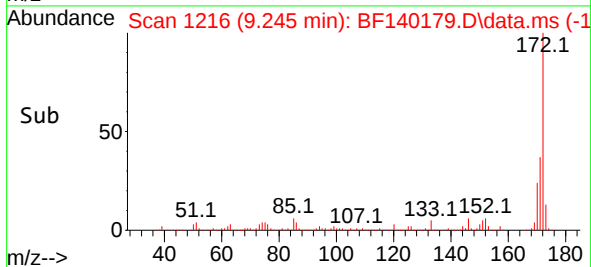
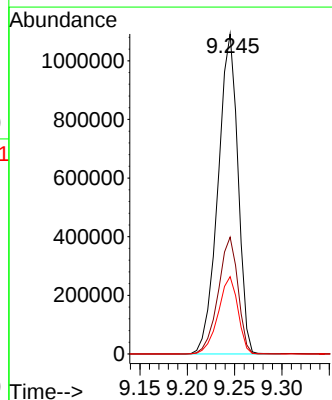
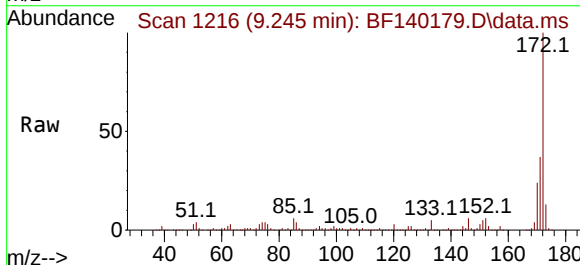


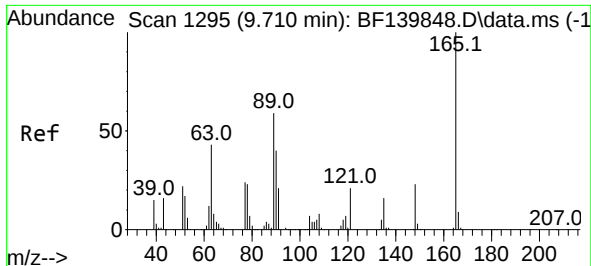
Tgt Ion: 330 Resp: 427070
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 30.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 92.103 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion: 172 Resp: 1600612
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.2 19.1 28.7

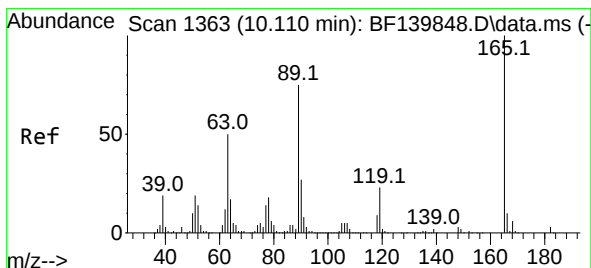
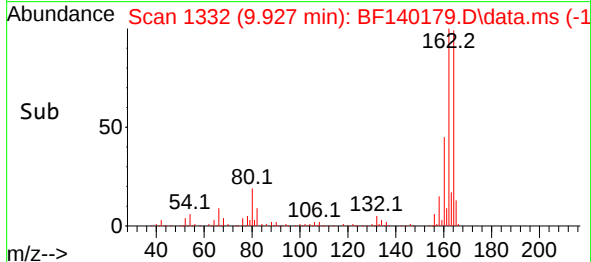
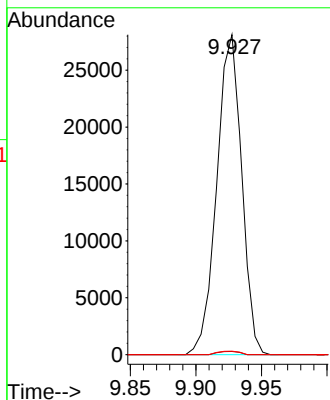
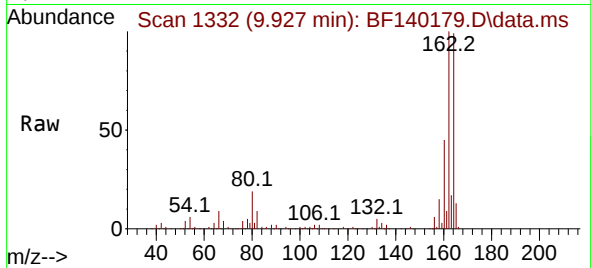




#51
2,6-Dinitrotoluene
Concen: 9.568 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

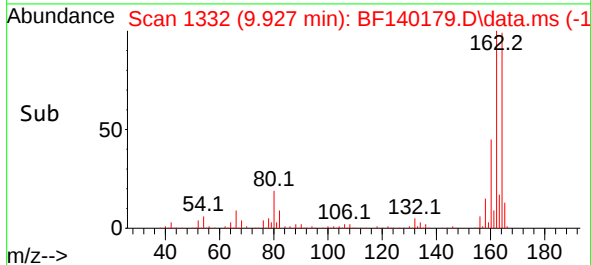
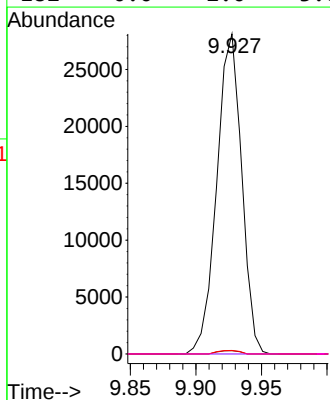
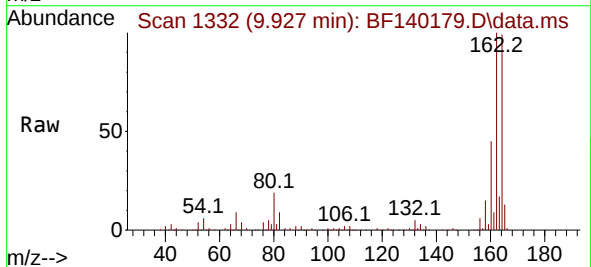
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PB164522TB

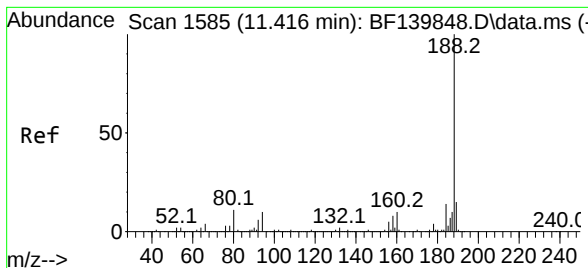
Tgt Ion:165 Resp: 37063
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.781 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion:165 Resp: 37063
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164522TB

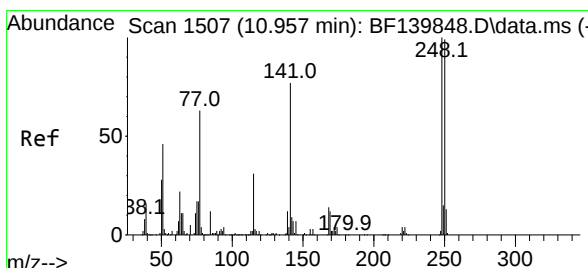
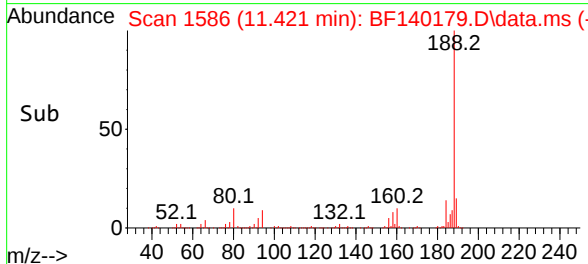
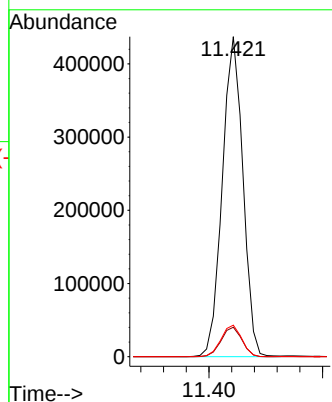
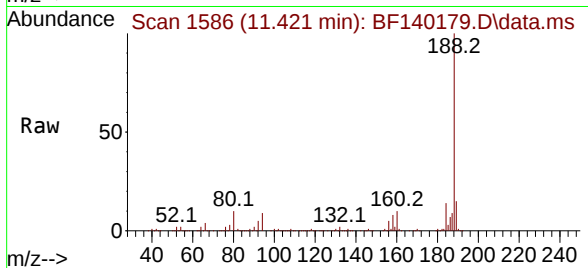
Tgt Ion:188 Resp: 551524

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 9.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.916 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.235 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

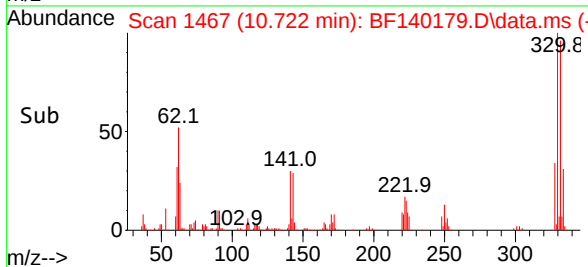
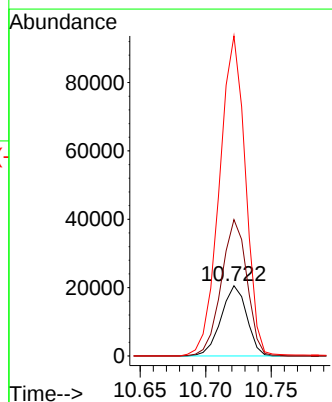
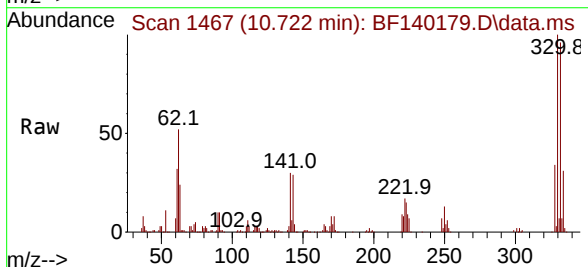
Tgt Ion:248 Resp: 27931

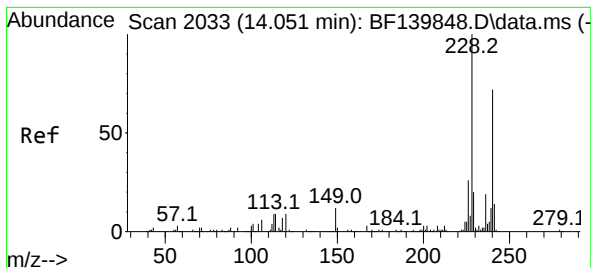
Ion Ratio Lower Upper

248 100

250 194.1 79.0 118.6#

141 455.6 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.035 min

Lab File: BF140179.D

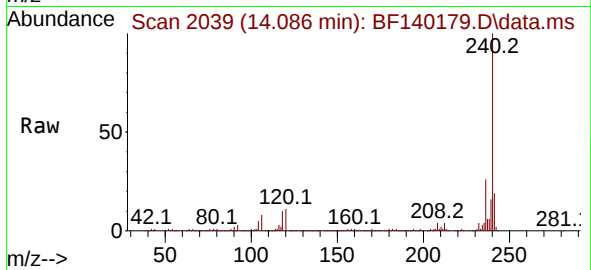
Acq: 31 Oct 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164522TB



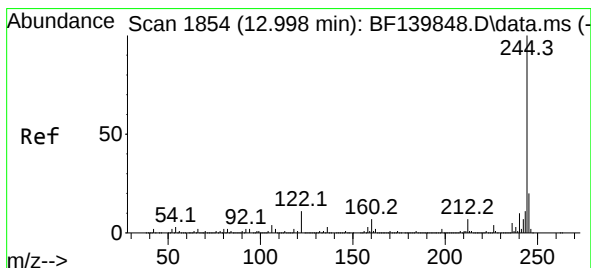
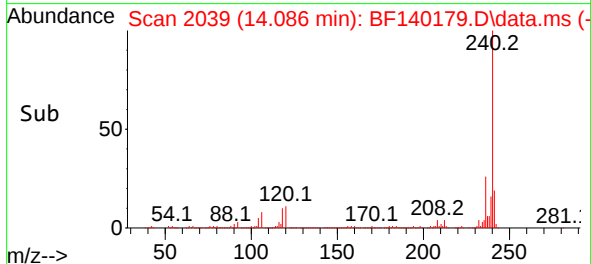
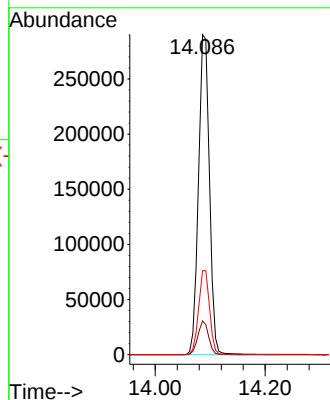
Tgt Ion:240 Resp: 402294

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 84.316 ng

RT: 13.021 min Scan# 1858

Delta R.T. 0.024 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

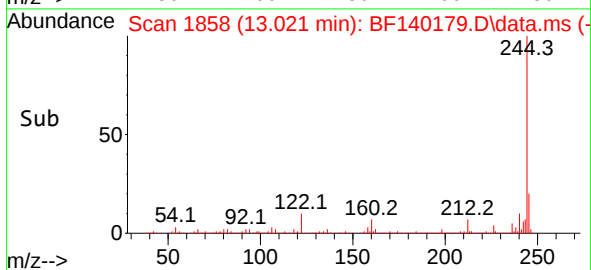
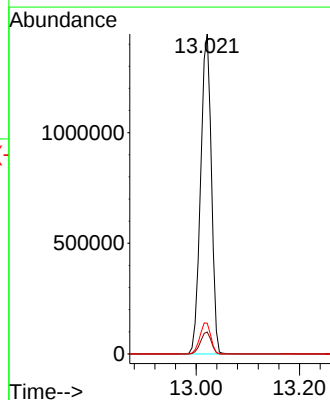
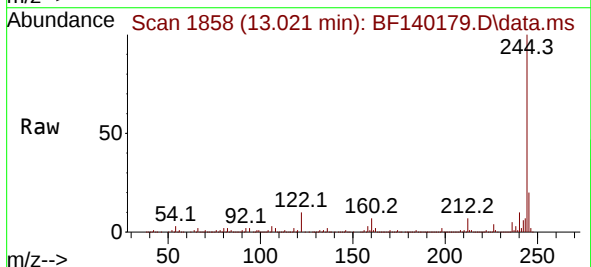
Tgt Ion:244 Resp: 2081631

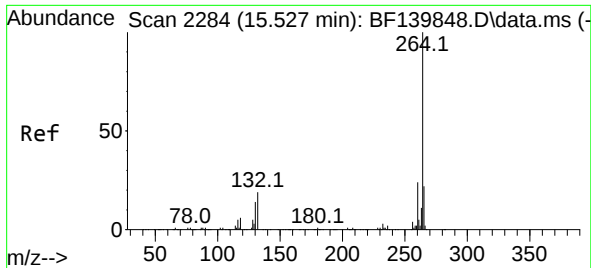
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

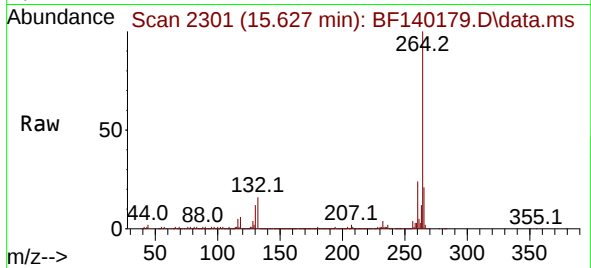
122 9.6 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: BF140179.D
 Acq: 31 Oct 2024 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB164522TB



Tgt Ion:264 Resp: 329817
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.0 17.4 26.0

