

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140135.D
 Acq On : 30 Oct 2024 02:30
 Operator : RC/JU
 Sample : PB164478TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164478TB

Quant Time: Oct 30 03:06:52 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)

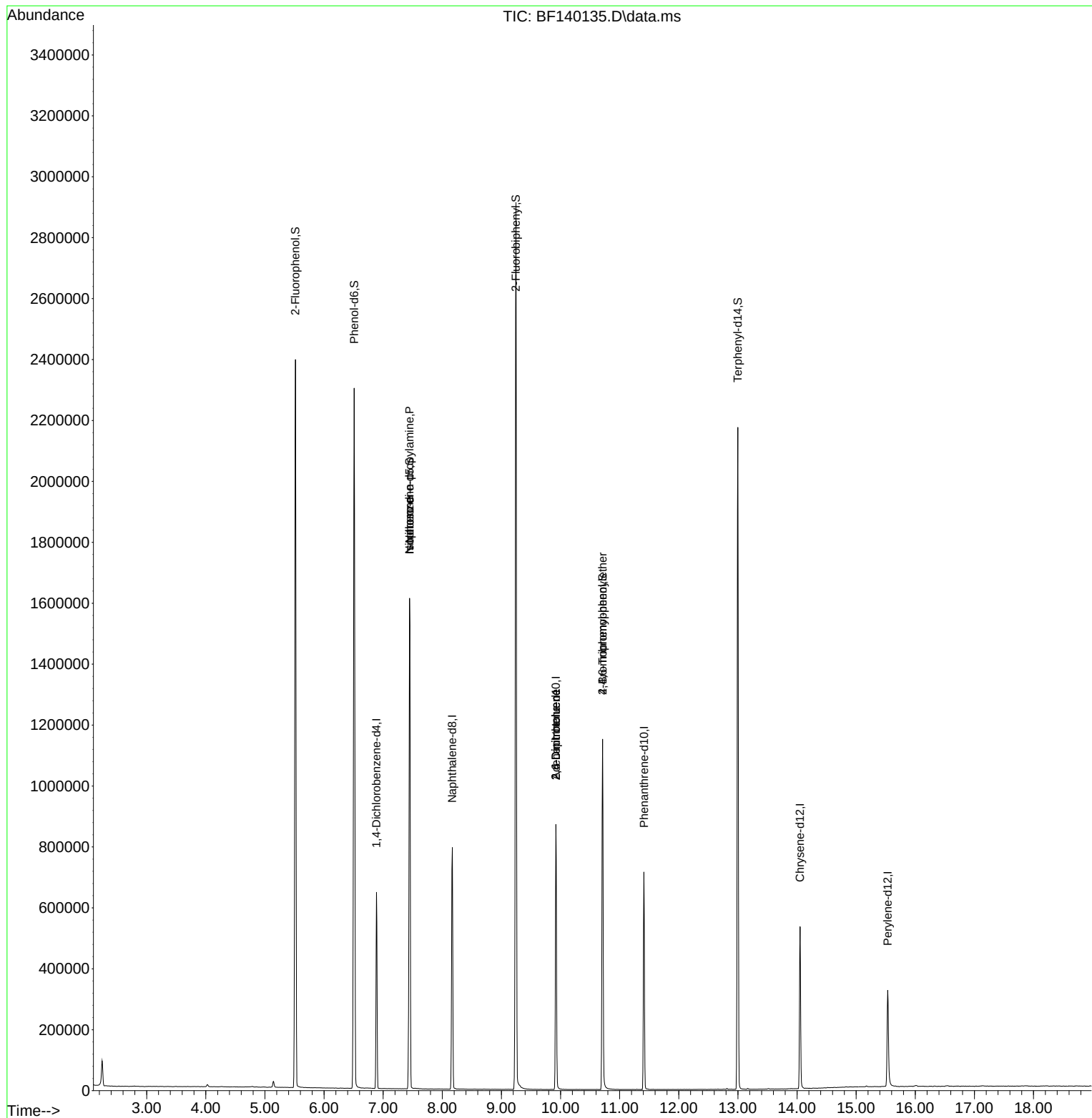
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	127237	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	499637	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262397	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375636	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259145	20.000	ng	0.00
86) Perylene-d12	15.533	264	208644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	901652	110.937	ng	0.02
7) Phenol-d6	6.510	99	1137688	108.078	ng	0.00
23) Nitrobenzene-d5	7.445	82	772329	85.673	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	194077	79.074	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1374460	86.570	ng	0.00
79) Terphenyl-d14	12.998	244	1087104	68.356	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	104852	16.423	ng	# 77
25) Isophorone	7.445	82	766325	44.788	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33745	9.536	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	33745	7.754	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	13117	3.390	ng	# 1

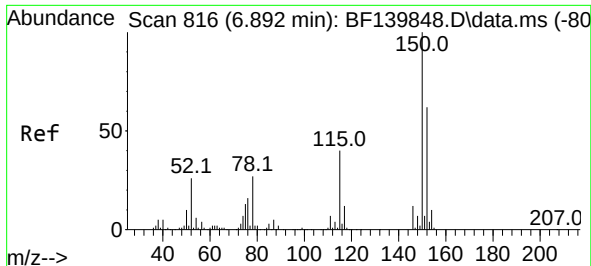
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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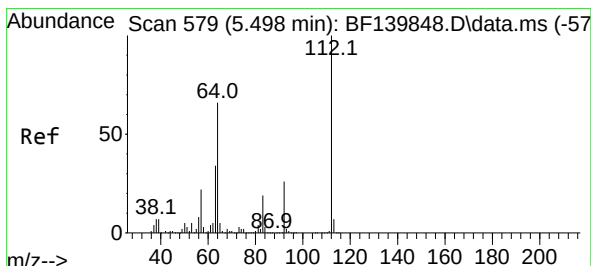
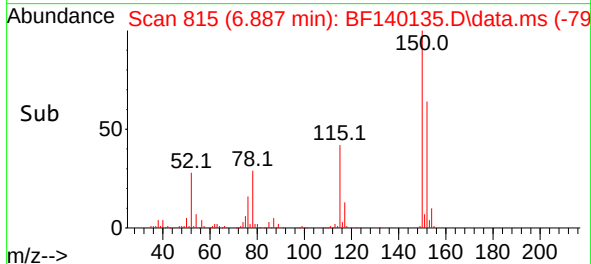
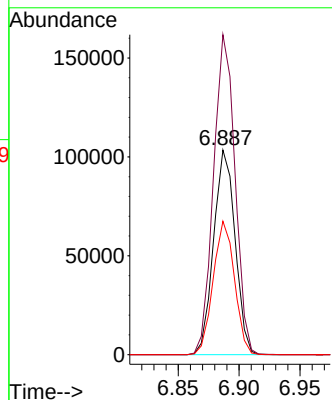
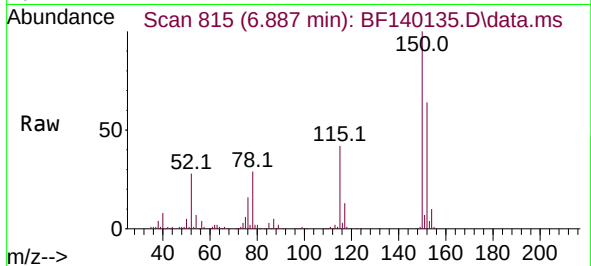




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

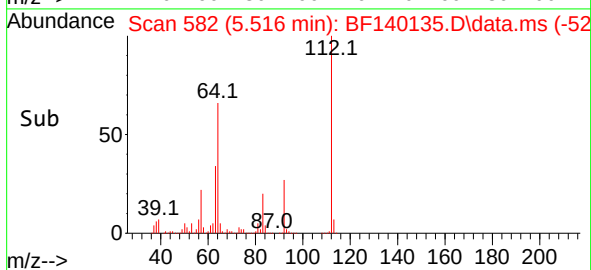
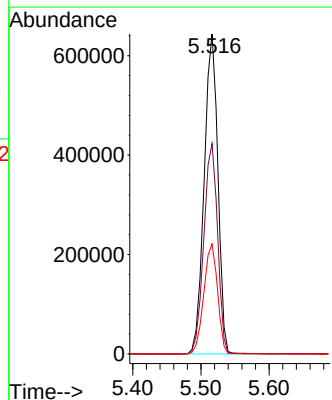
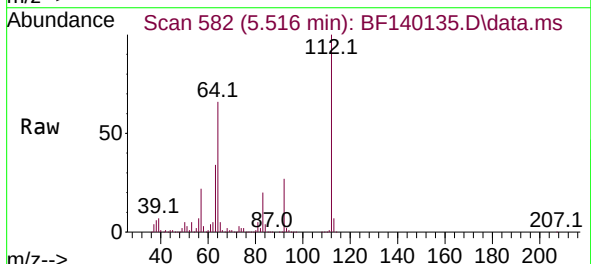
Instrument :
BNA_F
ClientSampleId :
PB164478TB

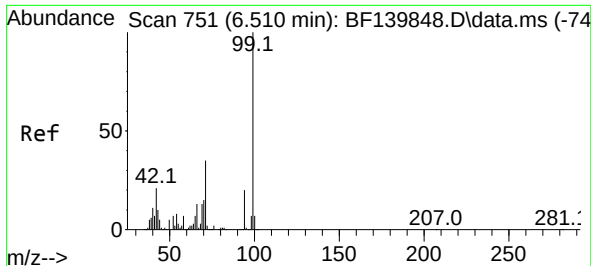
Tgt Ion:152 Resp: 127237
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 110.937 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion:112 Resp: 901652
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 34.3 27.0 40.4

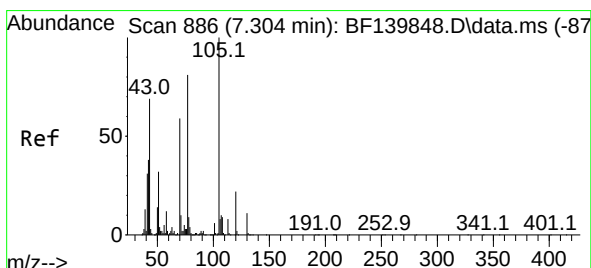
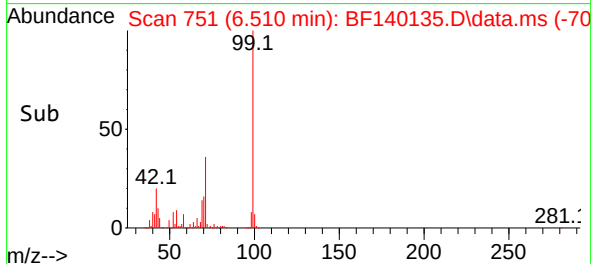
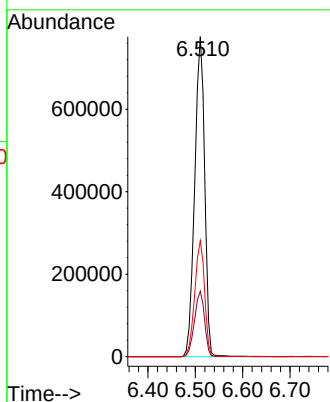
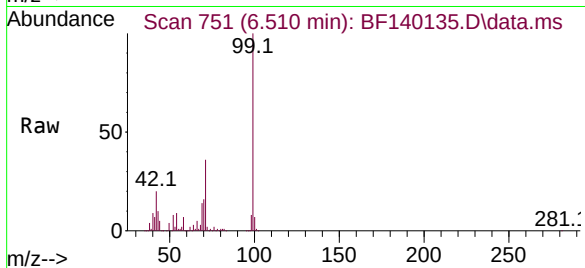




#7
Phenol-d6
Concen: 108.078 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

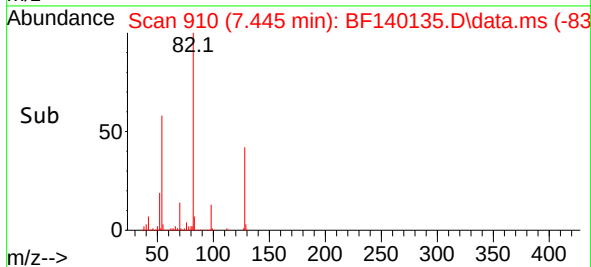
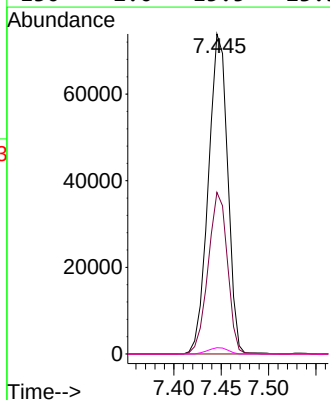
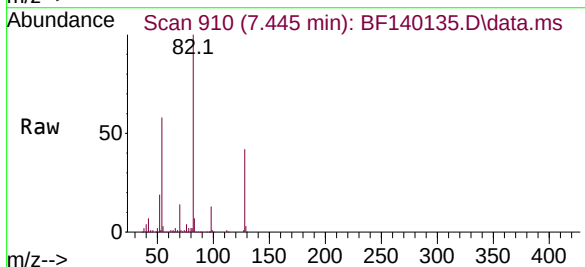
Instrument :
BNA_F
ClientSampleId :
PB164478TB

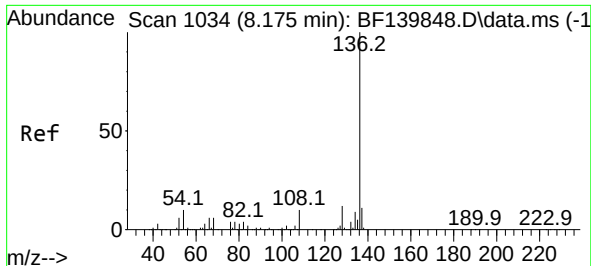
Tgt Ion: 99 Resp: 1137688
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 36.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.423 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion: 70 Resp: 104852
Ion Ratio Lower Upper
70 100
42 50.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

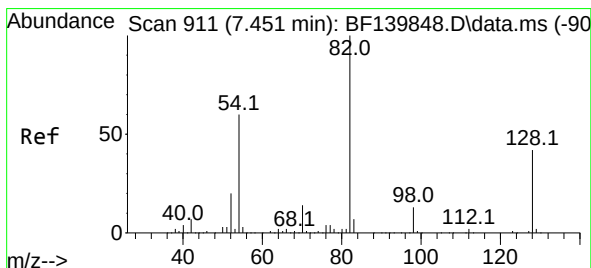
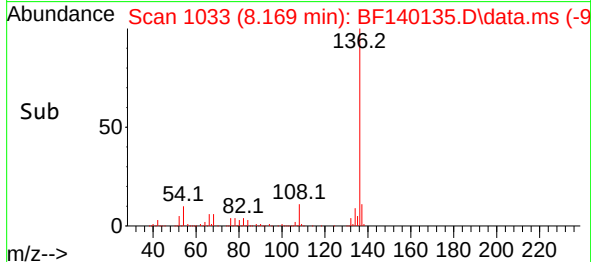
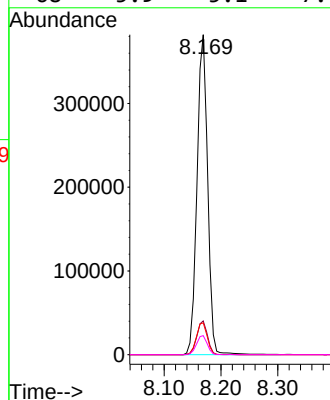
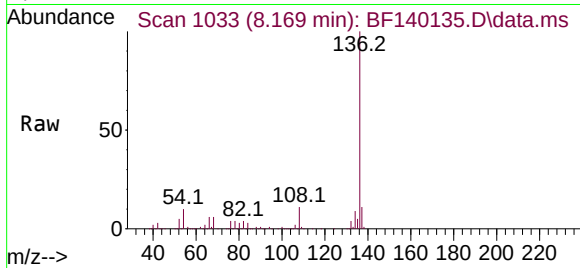




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

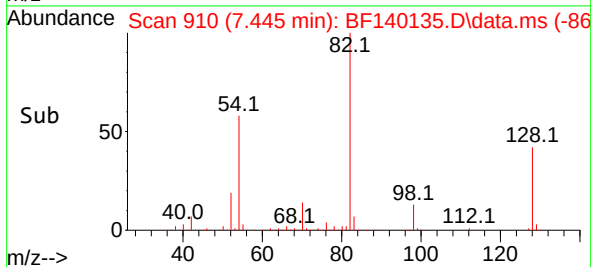
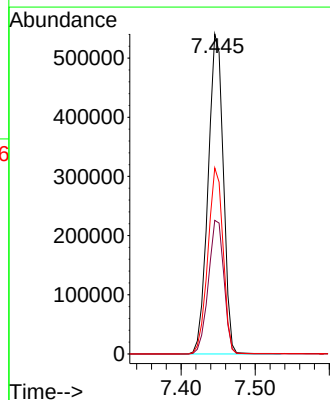
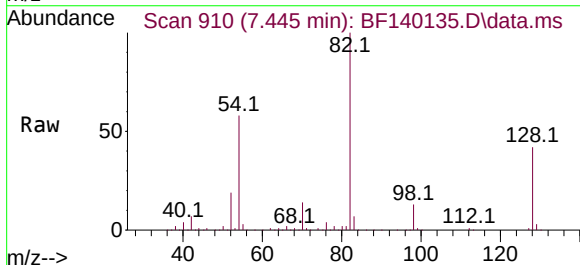
Instrument :
BNA_F
ClientSampleId :
PB164478TB

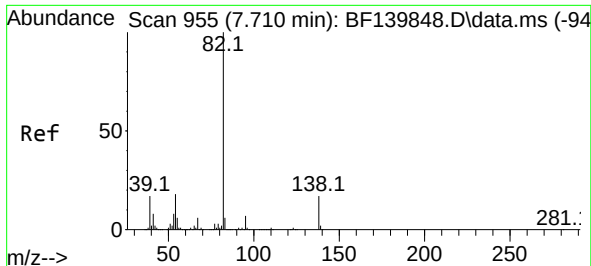
Tgt Ion:	136	Resp:	499637
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	10.0	8.4	12.6
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 85.673 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

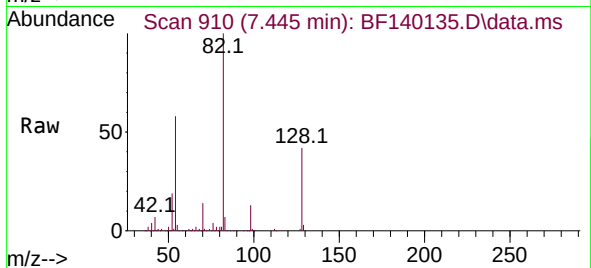
Tgt Ion:	82	Resp:	772329
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	58.1	47.8	71.8



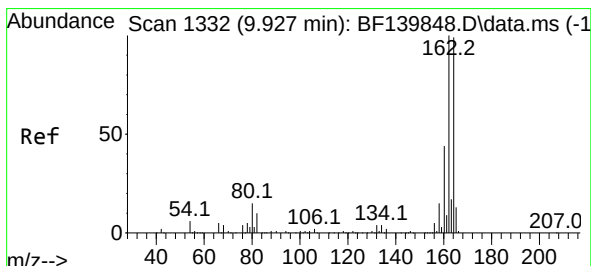
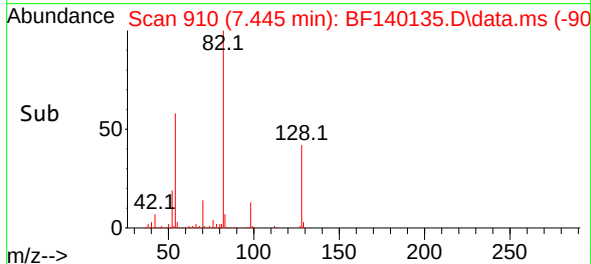
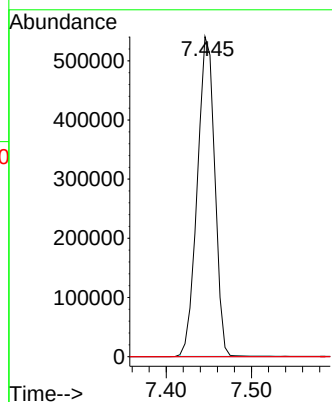


#25
Isophorone
Concen: 44.788 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Instrument :
BNA_F
ClientSampleId :
PB164478TB

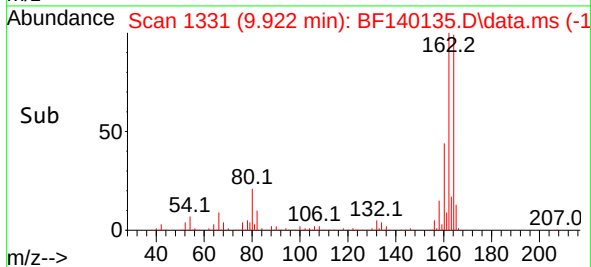
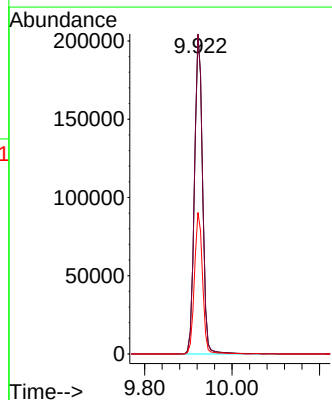
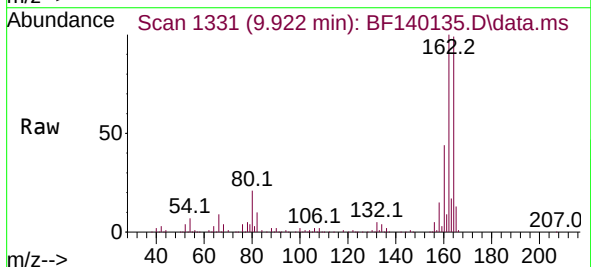


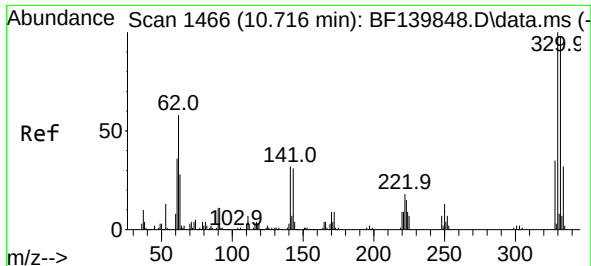
Tgt Ion: 82 Resp: 766325
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion:164 Resp: 262397
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.4 35.4 53.0

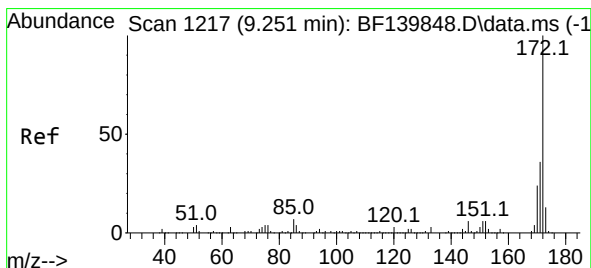
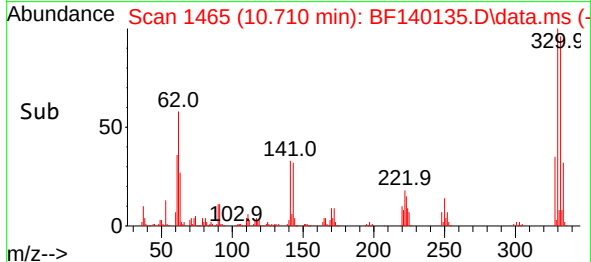
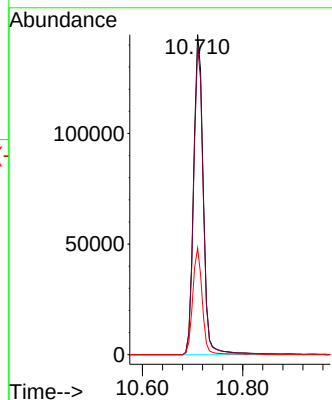
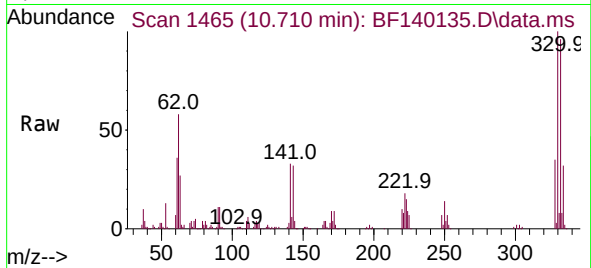




#42
2,4,6-Tribromophenol
Concen: 79.074 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

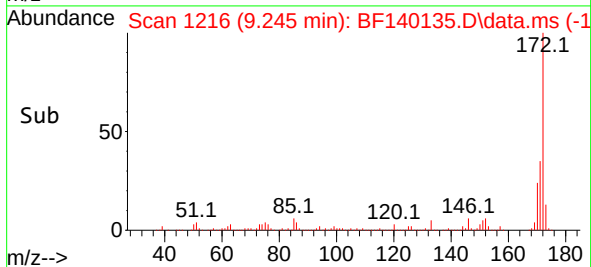
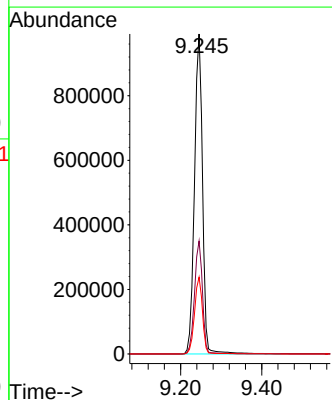
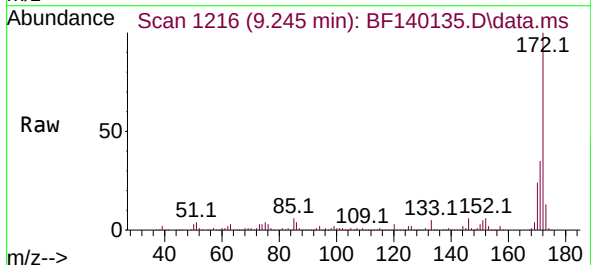
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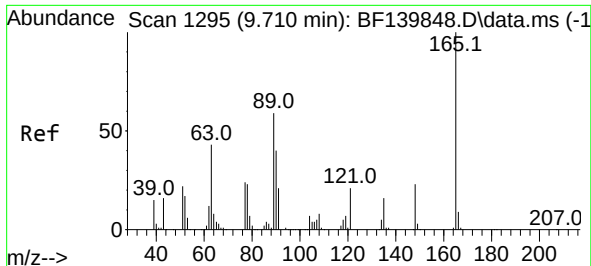
Tgt Ion:330 Resp: 194077
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 32.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 86.570 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion:172 Resp: 1374460
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.0 19.1 28.7

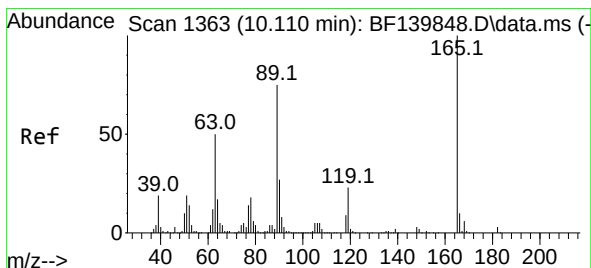
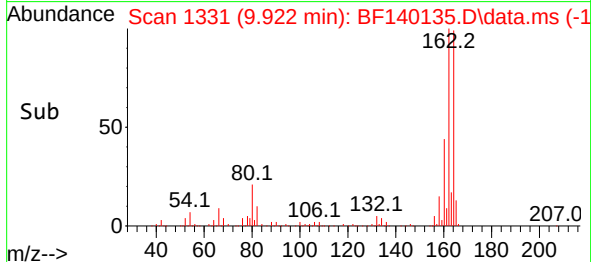
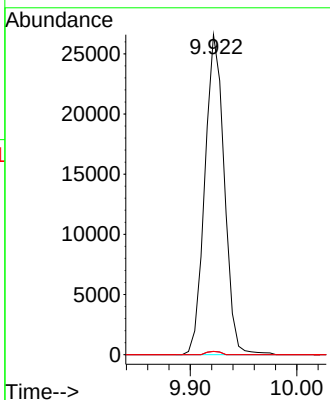
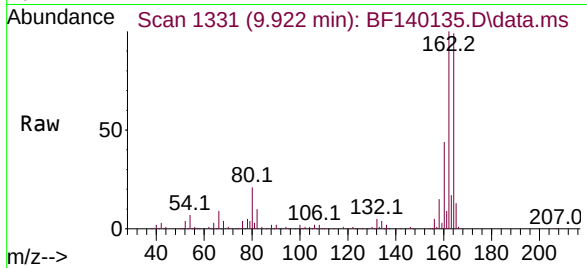




#51
2,6-Dinitrotoluene
Concen: 9.536 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

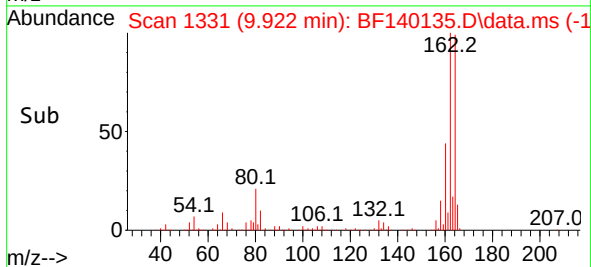
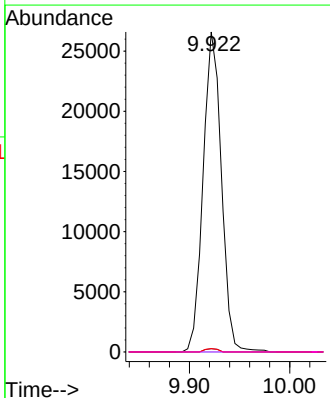
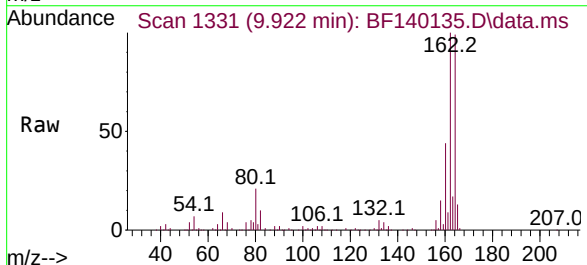
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ClientSampleId :
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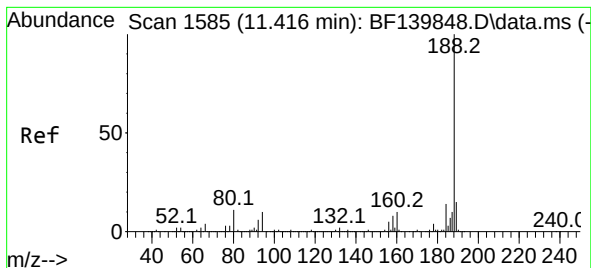
Tgt Ion:165 Resp: 33745
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.754 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140135.D
Acq: 30 Oct 2024 02:30

Tgt Ion:165 Resp: 33745
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.0 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: BF140135.D

Acq: 30 Oct 2024 02:30

Instrument :

BNA_F

ClientSampleId :

PB164478TB

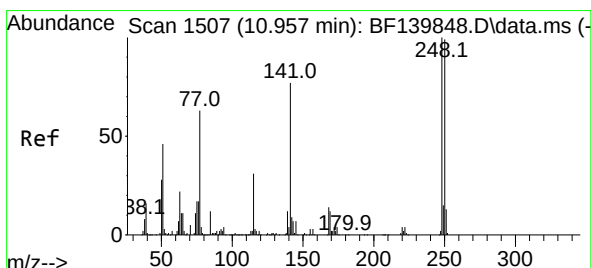
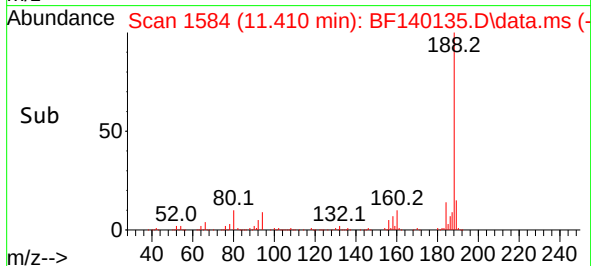
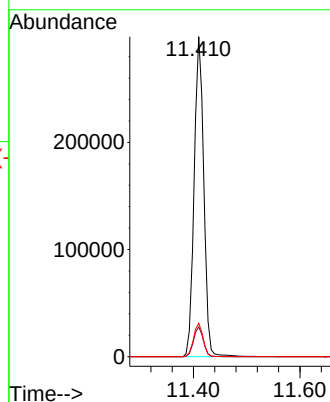
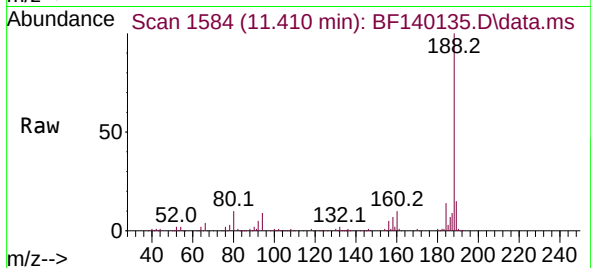
Tgt Ion:188 Resp: 375636

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.390 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

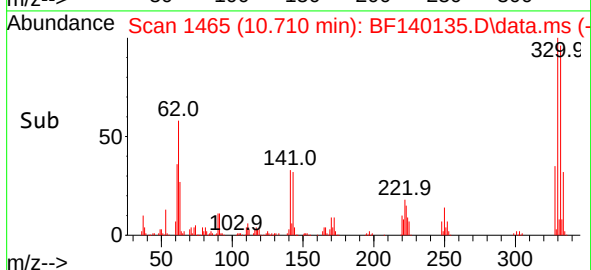
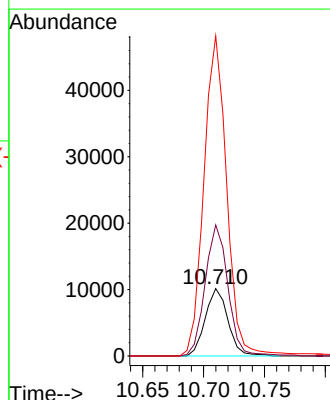
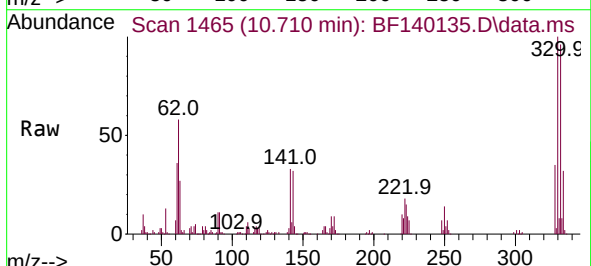
Tgt Ion:248 Resp: 13117

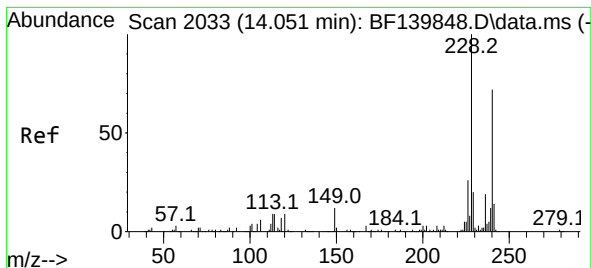
Ion Ratio Lower Upper

248 100

250 194.7 79.0 118.6#

141 475.2 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: BF140135.D

Acq: 30 Oct 2024 02:30

Instrument :

BNA_F

ClientSampleId :

PB164478TB

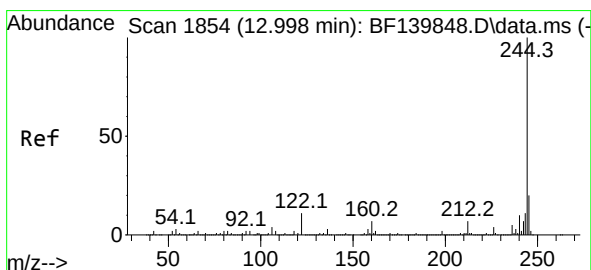
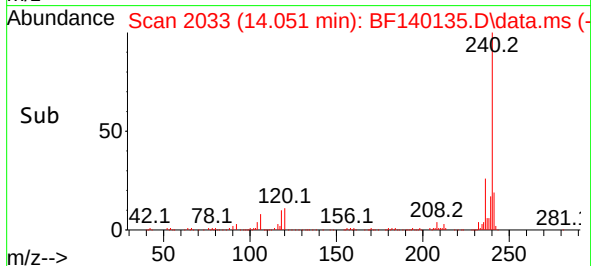
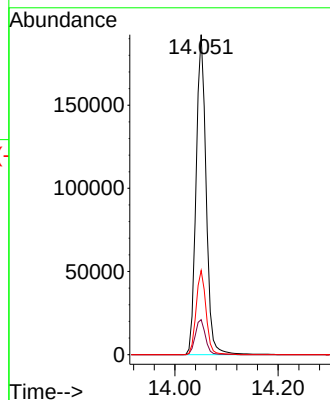
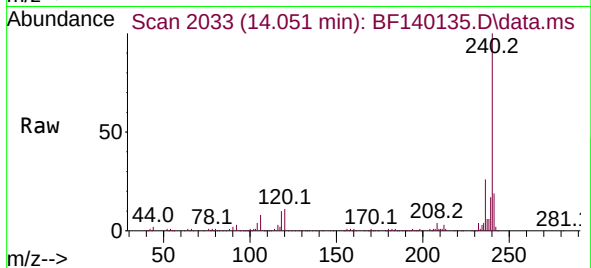
Tgt Ion:240 Resp: 259145

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 68.356 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140135.D

Acq: 30 Oct 2024 02:30

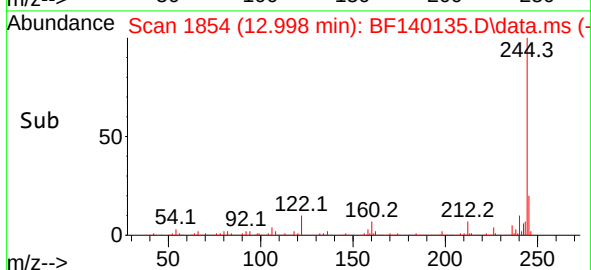
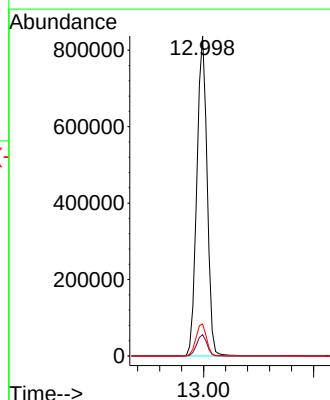
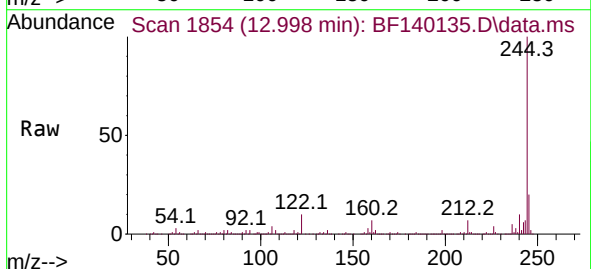
Tgt Ion:244 Resp: 1087104

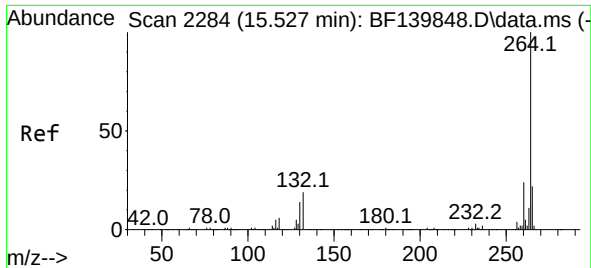
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.0 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: BF140135.D
 Acq: 30 Oct 2024 02:30

Instrument :
 BNA_F
 ClientSampleId :
 PB164478TB

Tgt Ion:264 Resp: 208644
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 17.4 26.0

