

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
 Data File : BF139224.D
 Acq On : 29 Aug 2024 16:36
 Operator : RC/JU
 Sample : PB163024BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163024BL

Quant Time: Aug 29 17:02:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

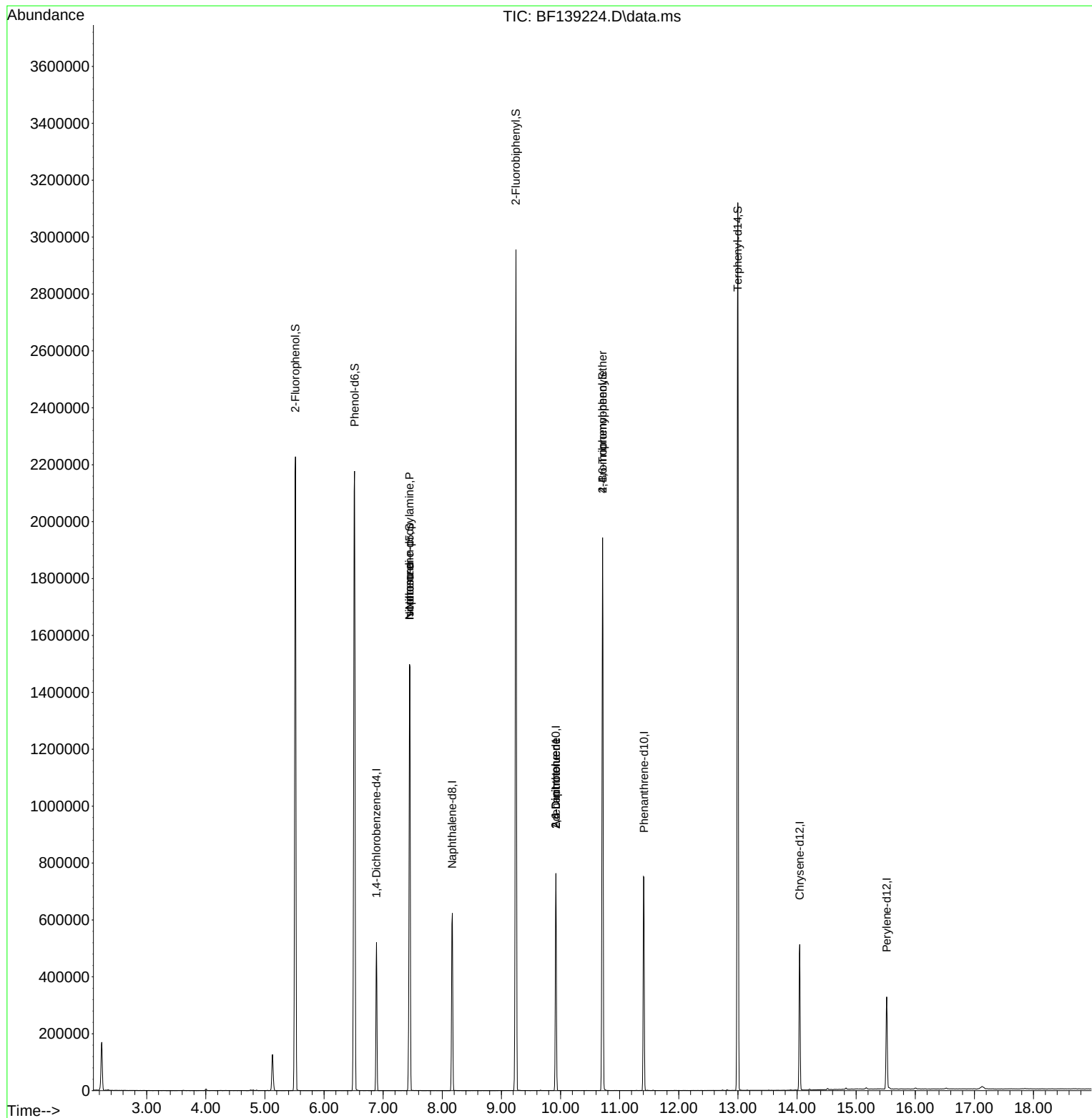
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	98348	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	380318	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	220485	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	397900	20.000	ng	0.00
76) Chrysene-d12	14.045	240	241971	20.000	ng	0.00
86) Perylene-d12	15.516	264	188854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	860866	140.319	ng	0.01
7) Phenol-d6	6.516	99	1124148	138.127	ng	0.00
23) Nitrobenzene-d5	7.446	82	759495	95.997	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	326929	147.821	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1313313	92.745	ng	0.00
79) Terphenyl-d14	12.998	244	1571927	93.642	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.446	70	103552	20.449	ng	# 79
25) Isophorone	7.446	82	757216	55.223	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	28898	9.685	ng	# 20
57) 2,4-Dinitrotoluene	9.922	165	28898	7.688	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	21718	5.022	ng	# 1

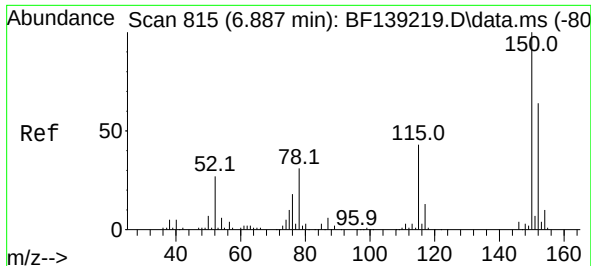
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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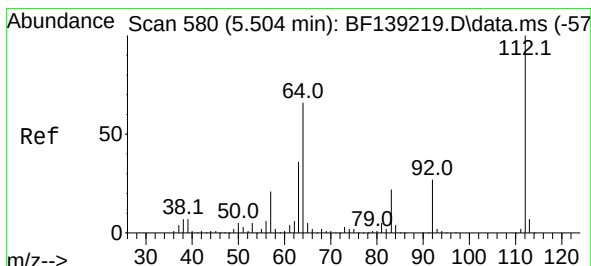
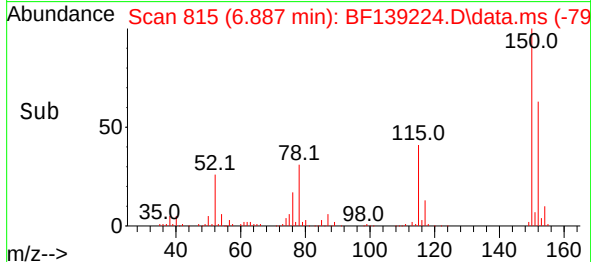
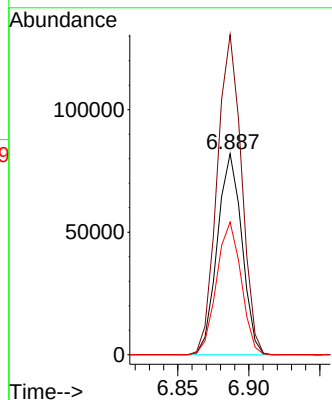
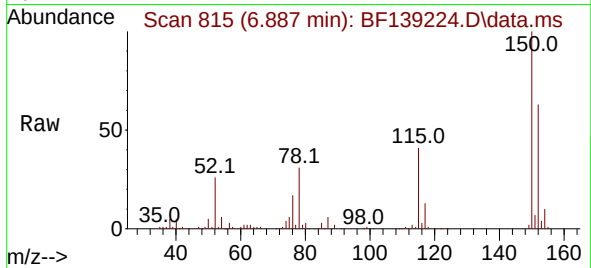




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

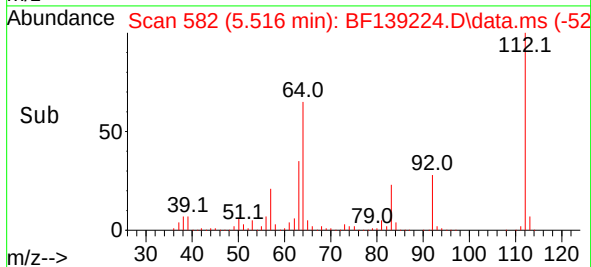
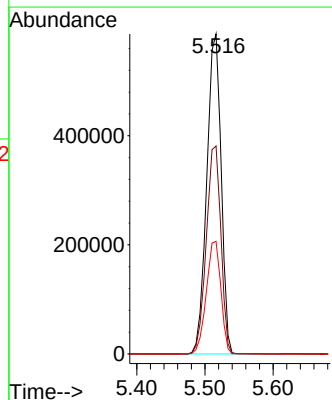
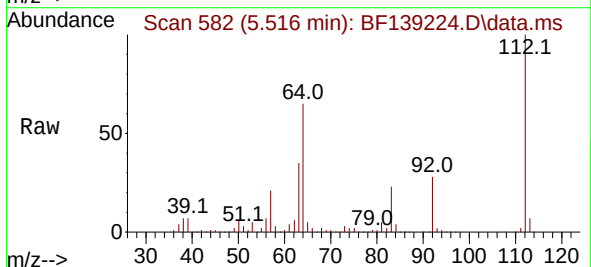
Instrument :
BNA_F
ClientSampleId :
PB163024BL

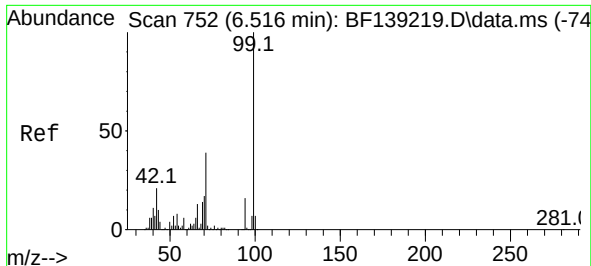
Tgt Ion:152 Resp: 98348
Ion Ratio Lower Upper
152 100
150 159.2 125.6 188.4
115 66.0 54.2 81.4



#5
2-Fluorophenol
Concen: 140.319 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

Tgt Ion:112 Resp: 860866
Ion Ratio Lower Upper
112 100
64 65.0 52.5 78.7
63 35.2 28.5 42.7

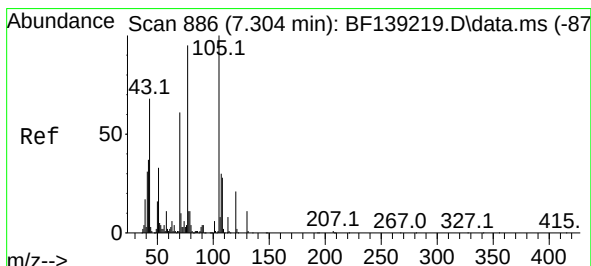
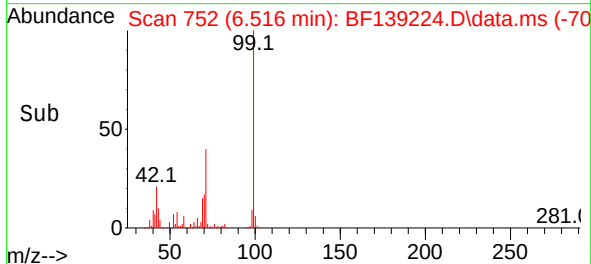
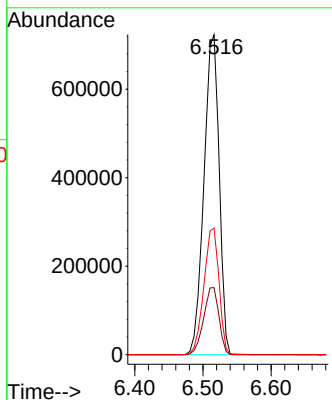
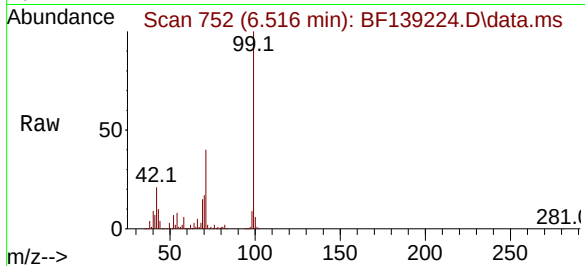




#7
Phenol-d6
Concen: 138.127 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

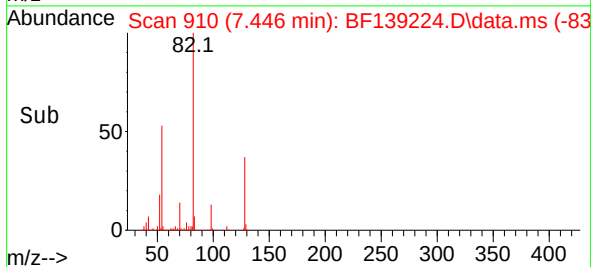
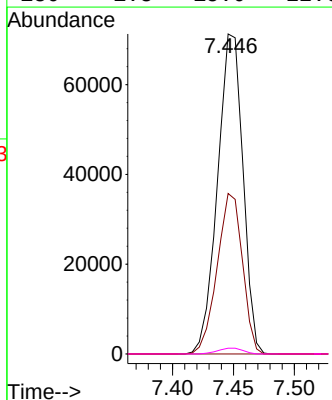
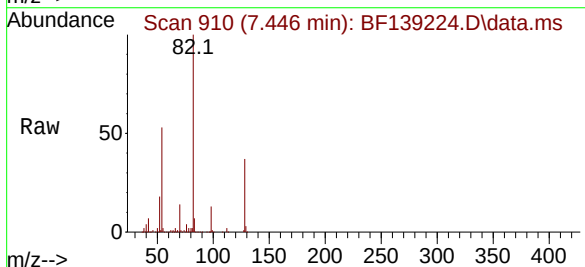
Instrument :
BNA_F
ClientSampleId :
PB163024BL

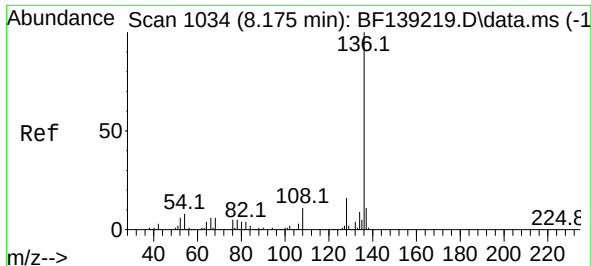
Tgt Ion: 99 Resp: 1124148
Ion Ratio Lower Upper
99 100
42 21.0 16.8 25.2
71 39.6 31.3 46.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.449 ng
RT: 7.446 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

Tgt Ion: 70 Resp: 103552
Ion Ratio Lower Upper
70 100
42 50.2 49.0 73.4
101 0.0 7.6 11.4#
130 1.8 15.0 22.6#

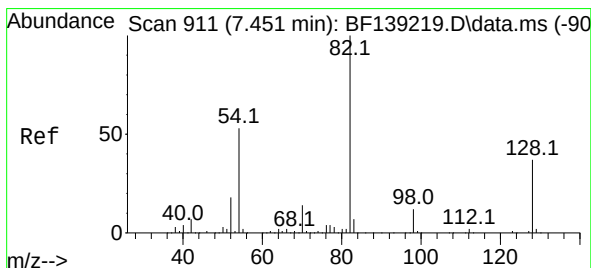
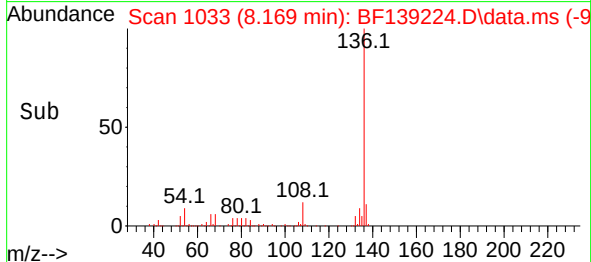
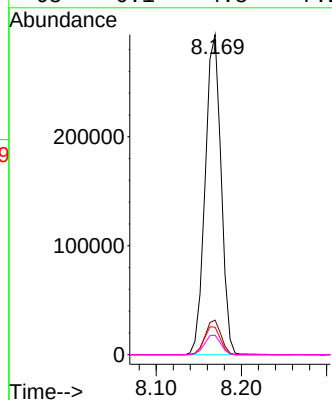
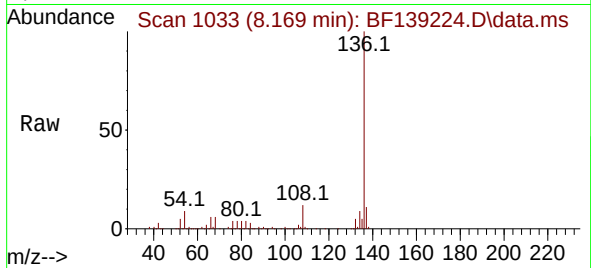




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

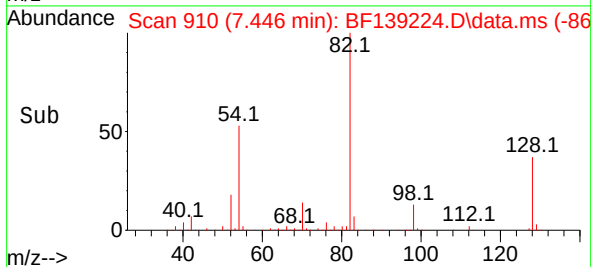
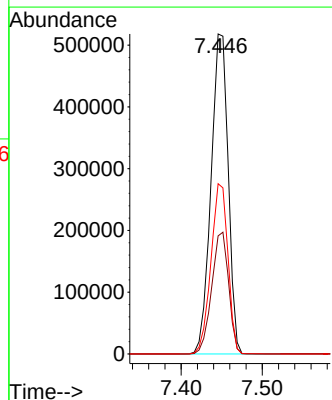
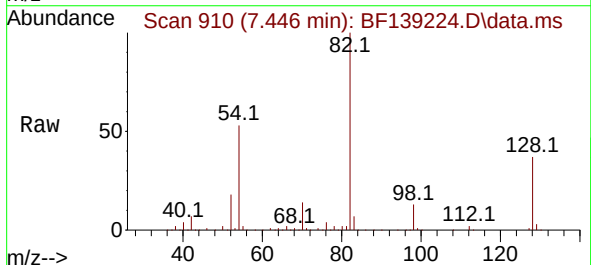
Instrument :
BNA_F
ClientSampleId :
PB163024BL

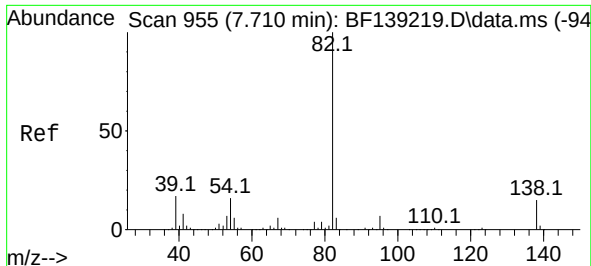
Tgt Ion:136 Resp: 380318
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.6 6.9 10.3
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 95.997 ng
RT: 7.446 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

Tgt Ion: 82 Resp: 759495
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 53.2 42.4 63.6

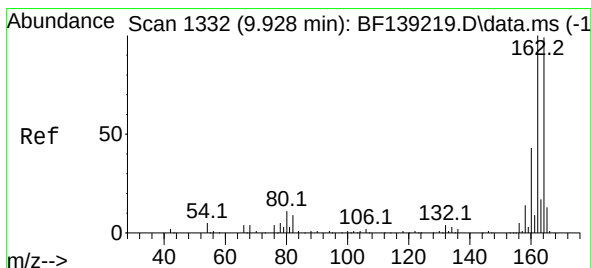
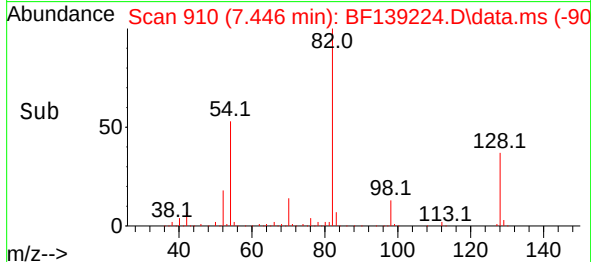
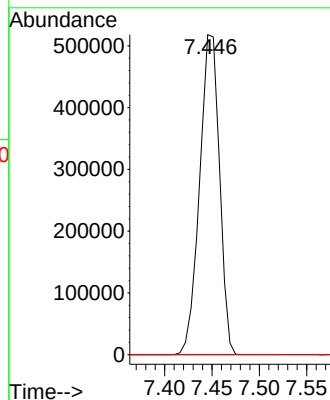
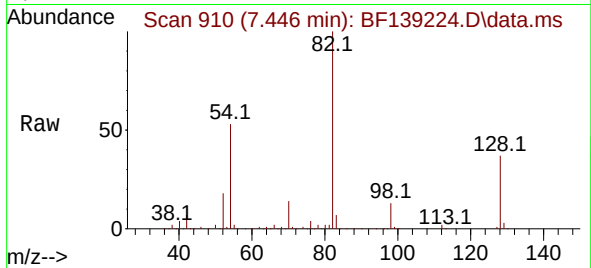




#25
Isophorone
Concen: 55.223 ng
RT: 7.446 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

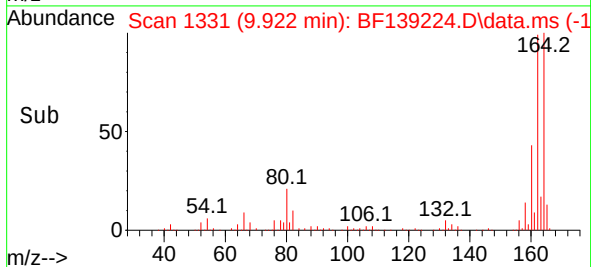
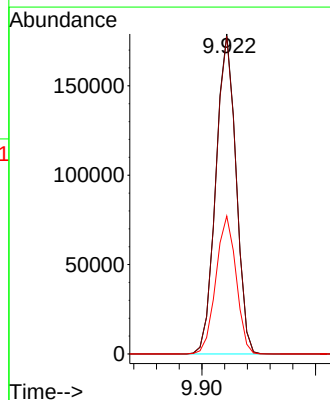
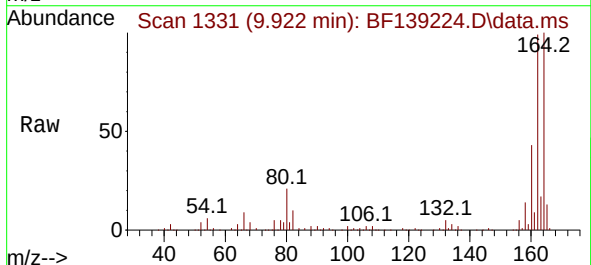
Instrument :
BNA_F
ClientSampleId :
PB163024BL

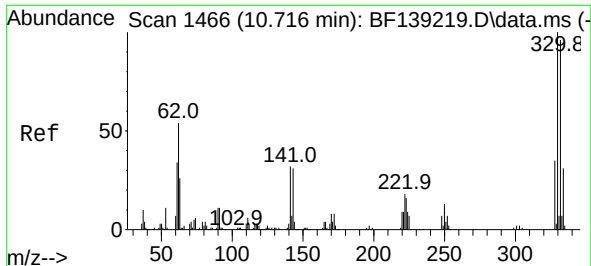
Tgt Ion: 82 Resp: 757216
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

Tgt Ion:164 Resp: 220485
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 147.821 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139224.D

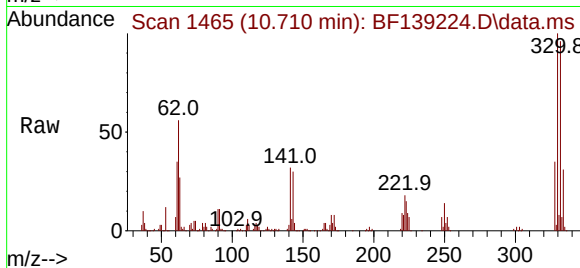
Acq: 29 Aug 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB163024BL



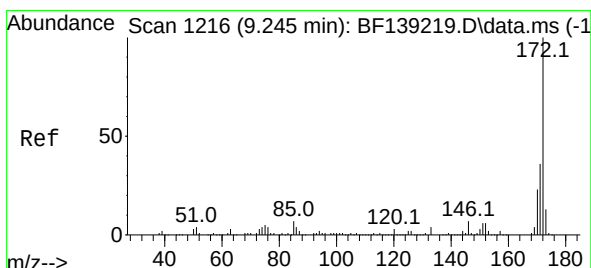
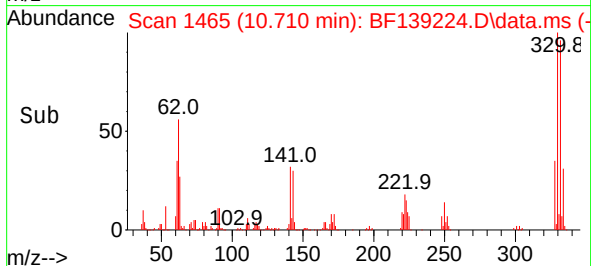
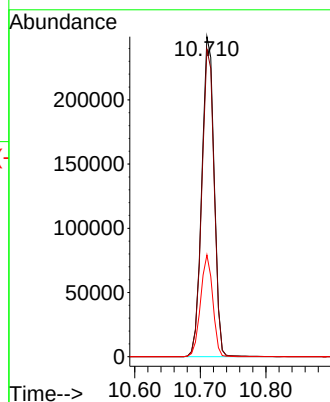
Tgt Ion:330 Resp: 326929

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

141 31.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 92.745 ng

RT: 9.245 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF139224.D

Acq: 29 Aug 2024 16:36

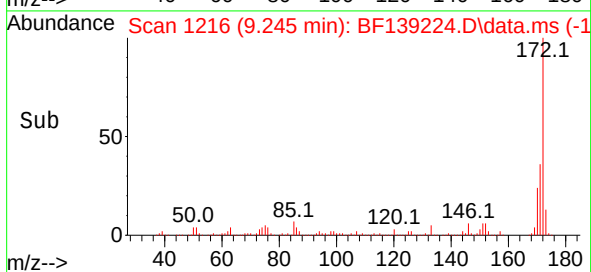
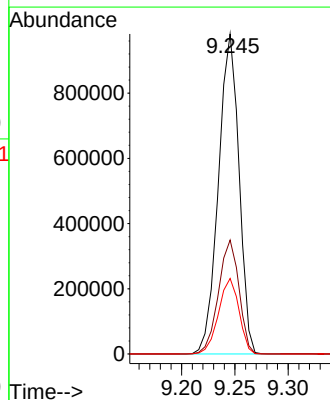
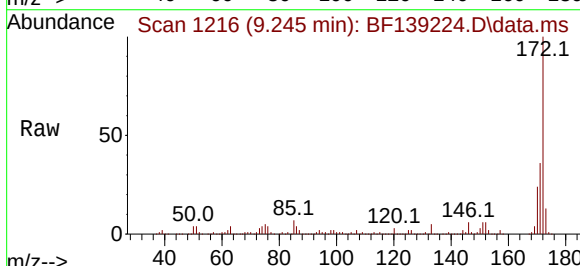
Tgt Ion:172 Resp: 1313313

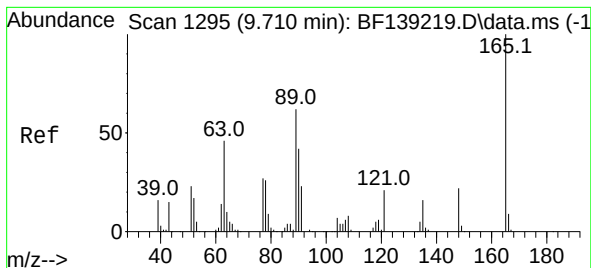
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.685 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139224.D

Acq: 29 Aug 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB163024BL

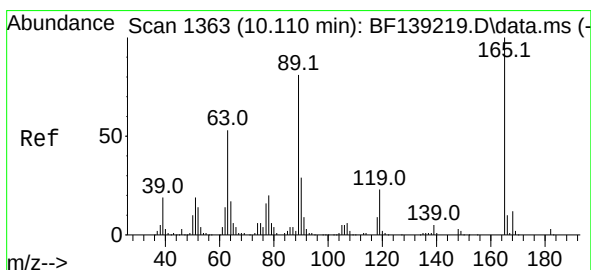
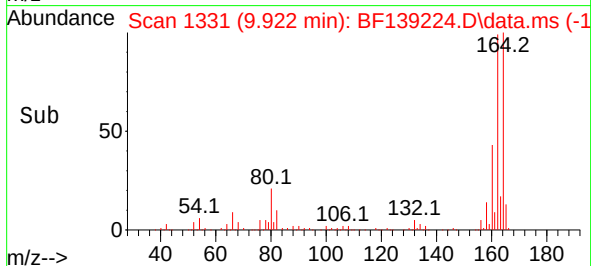
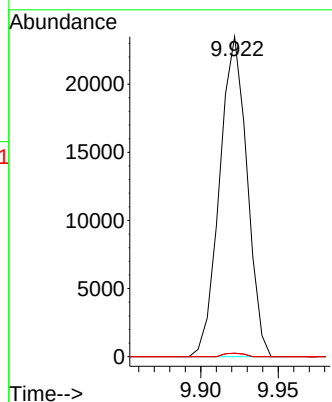
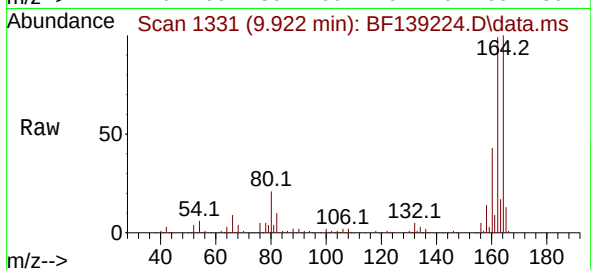
Tgt Ion:165 Resp: 28898

Ion Ratio Lower Upper

165 100

63 1.1 52.1 78.1#

89 1.1 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.688 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139224.D

Acq: 29 Aug 2024 16:36

Tgt Ion:165 Resp: 28898

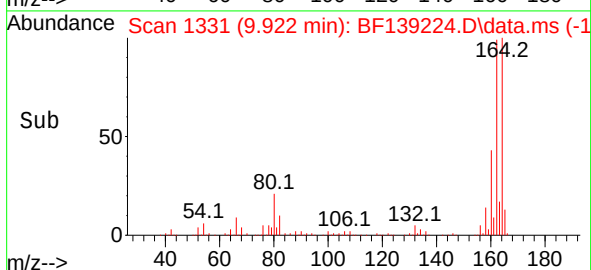
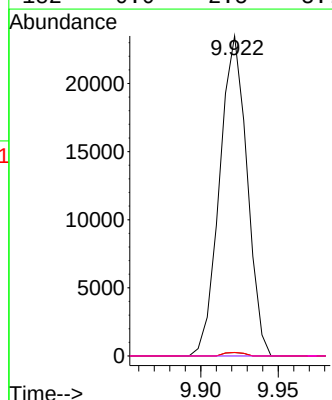
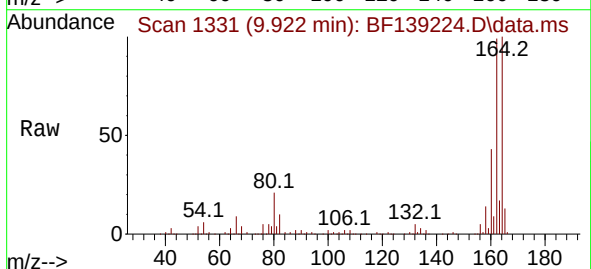
Ion Ratio Lower Upper

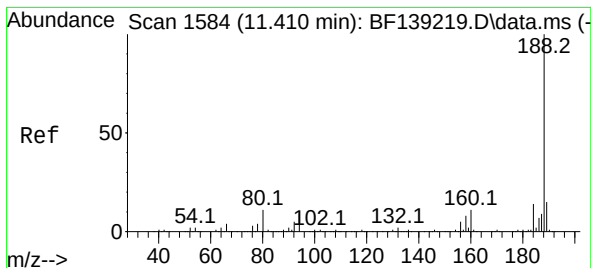
165 100

63 1.1 42.2 63.4#

89 1.1 64.7 97.1#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139224.D

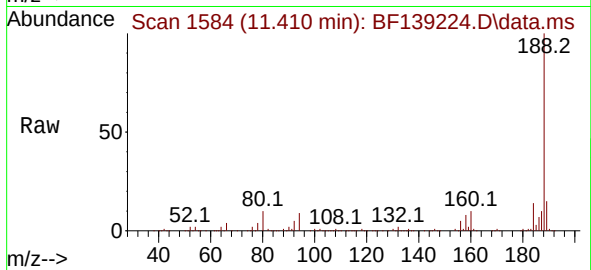
Acq: 29 Aug 2024 16:36

Instrument :

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PB163024BL



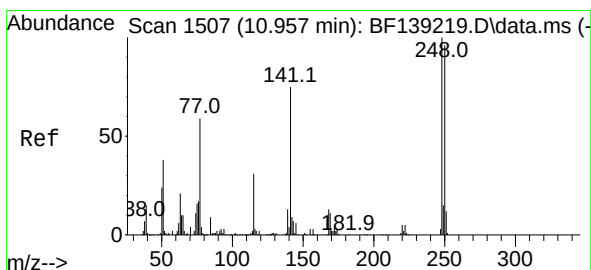
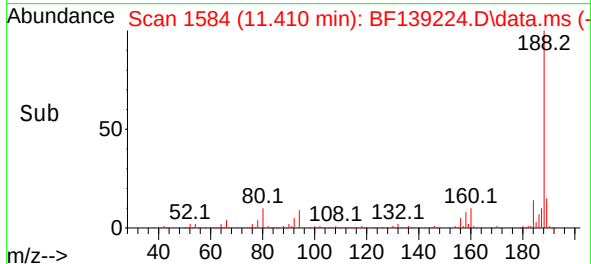
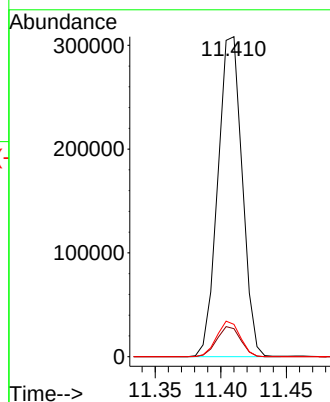
Tgt Ion:188 Resp: 397900

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 10.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.022 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139224.D

Acq: 29 Aug 2024 16:36

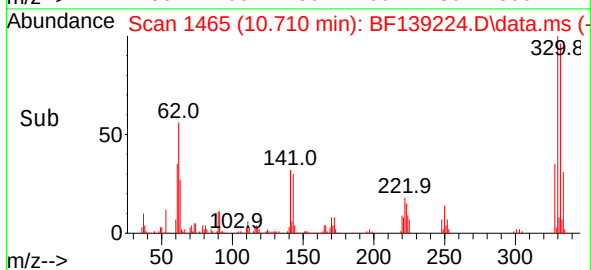
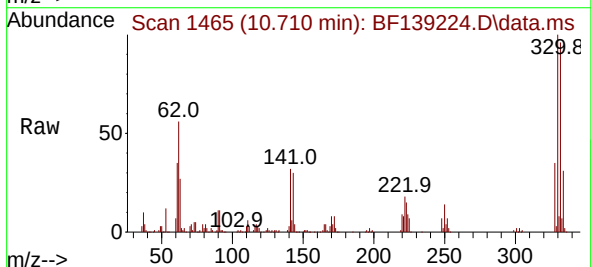
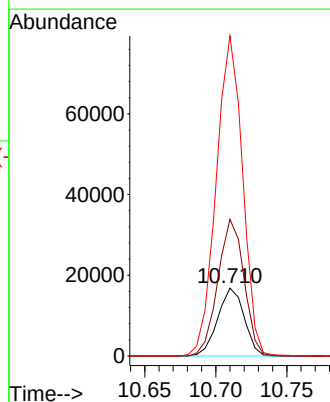
Tgt Ion:248 Resp: 21718

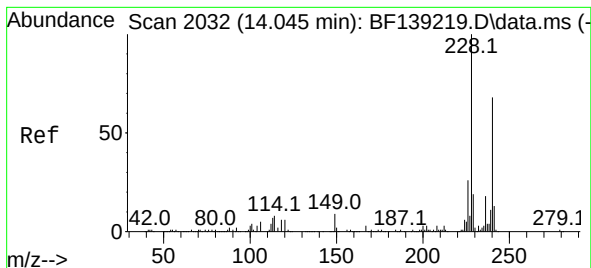
Ion Ratio Lower Upper

248 100

250 201.5 77.1 115.7#

141 471.9 60.0 90.0#

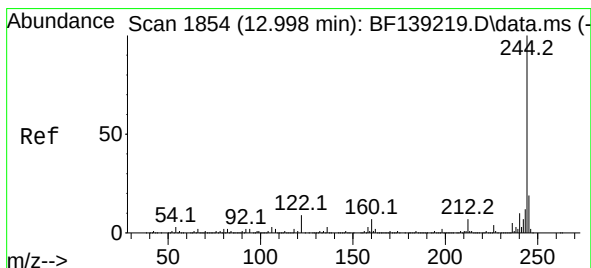
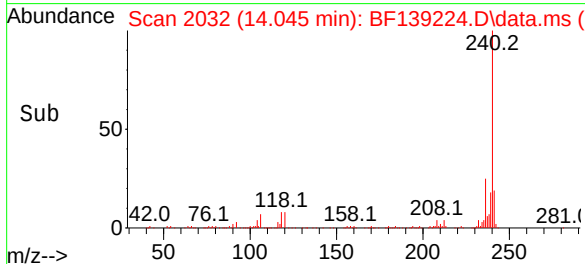
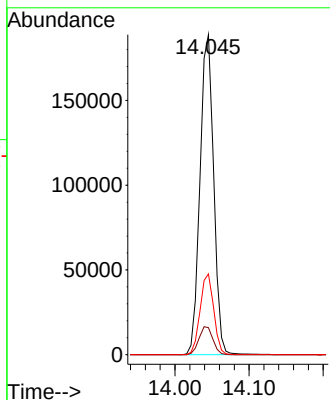
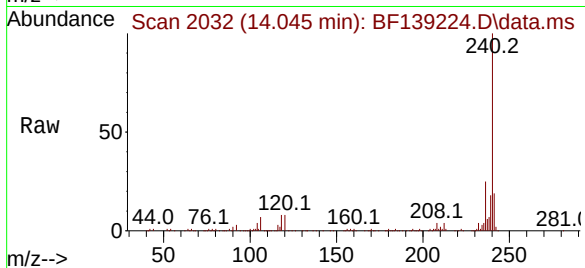




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

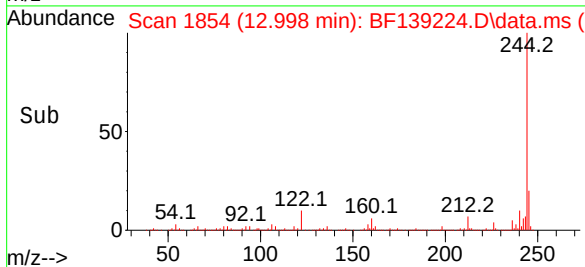
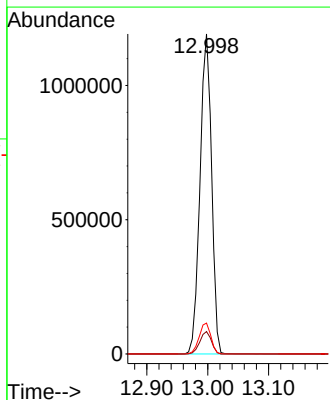
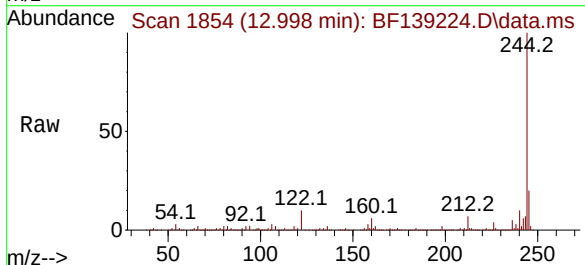
Instrument :
BNA_F
ClientSampleId :
PB163024BL

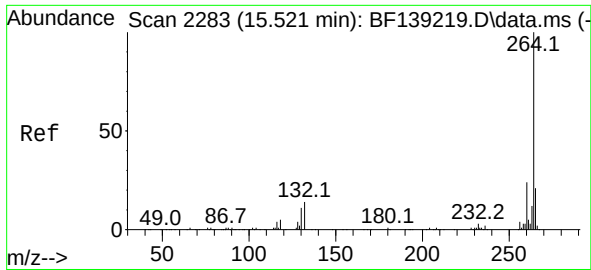
Tgt Ion:240 Resp: 241971
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.2
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 93.642 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139224.D
Acq: 29 Aug 2024 16:36

Tgt Ion:244 Resp: 1571927
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.6 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139224.D

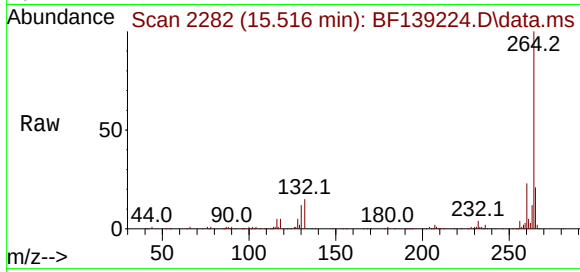
Acq: 29 Aug 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB163024BL



Tgt Ion:264 Resp: 188854

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.2 16.9 25.3

