

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139321.D
 Acq On : 11 Sep 2024 13:10
 Operator : RC/JU
 Sample : PB163203TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163203TB

Quant Time: Sep 11 13:37:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

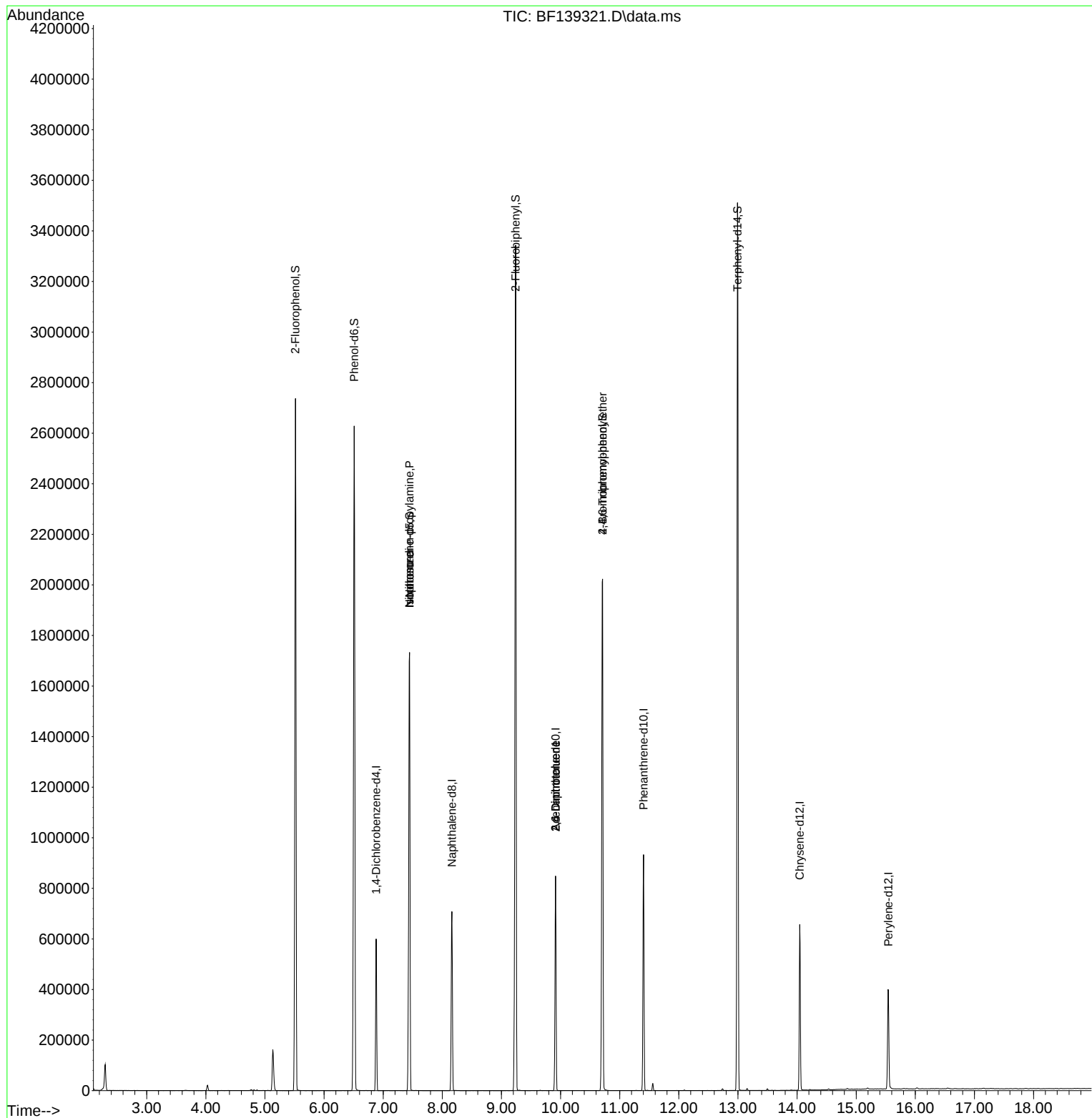
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	117055	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	445832	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	253756	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	489542	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	307207	20.000	ng	0.00
86) Perylene-d12	15.545	264	235860	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	982687	140.439	ng	0.01
7) Phenol-d6	6.510	99	1274851	136.476	ng	0.00
23) Nitrobenzene-d5	7.445	82	847375	98.878	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	344872	157.388	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1611382	98.023	ng	-0.01
79) Terphenyl-d14	12.992	244	1780880	93.597	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	119895	22.285	ng	# 72
25) Isophorone	7.445	82	844444	57.634	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	33051	9.472	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	33051	7.442	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	23528	4.954	ng	# 1

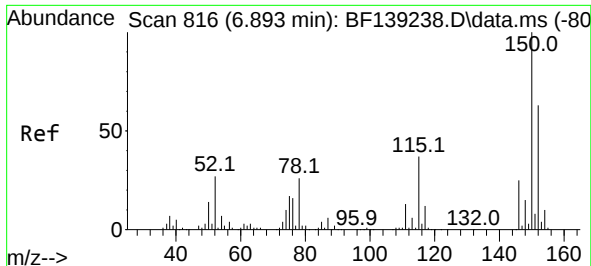
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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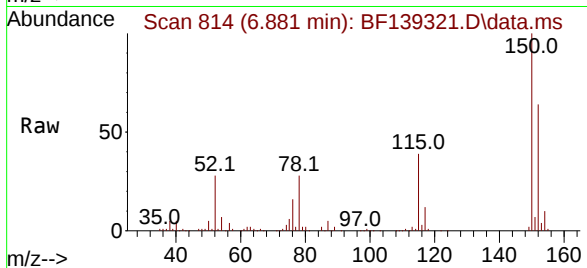
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration



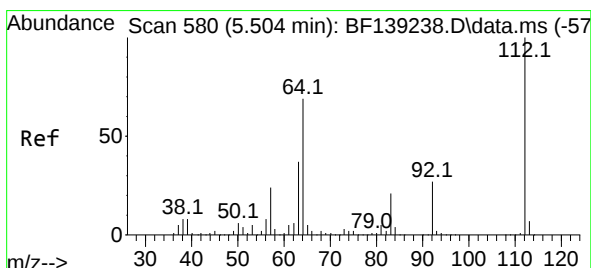
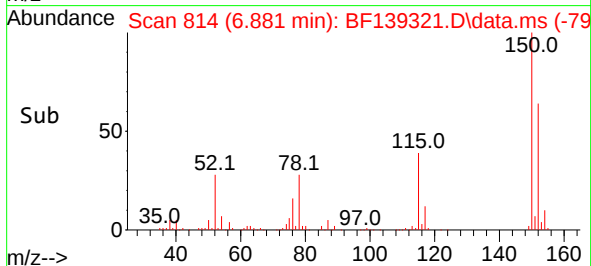
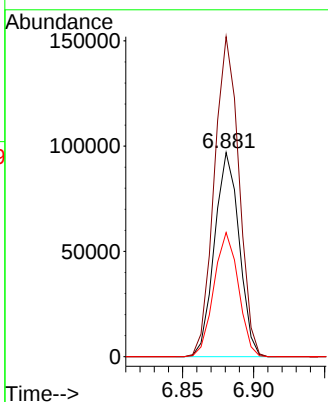


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

Instrument :
BNA_F
ClientSampleId :
PB163203TB

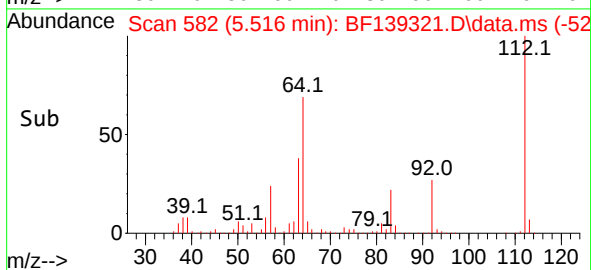
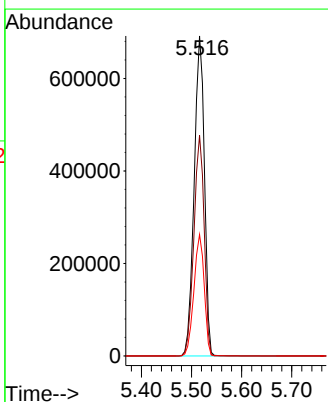
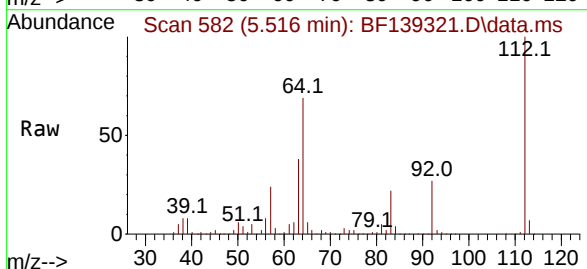


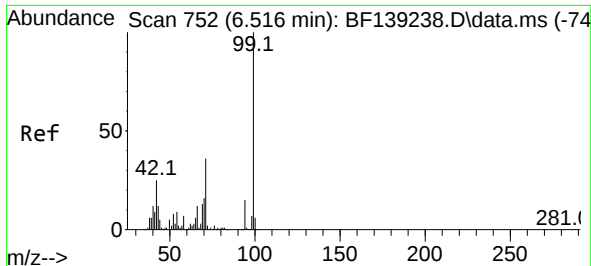
Tgt Ion:152 Resp: 117055
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.4
115 60.8 46.9 70.3



#5
2-Fluorophenol
Concen: 140.439 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.011 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

Tgt Ion:112 Resp: 982687
Ion Ratio Lower Upper
112 100
64 69.0 55.0 82.4
63 38.0 29.9 44.9

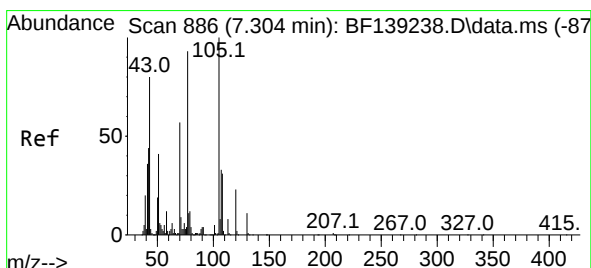
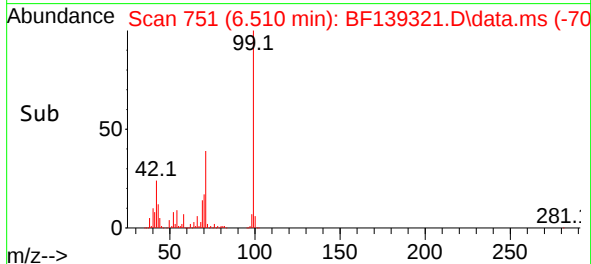
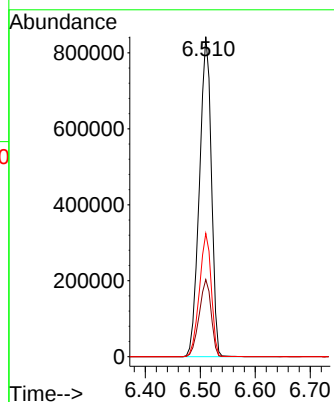
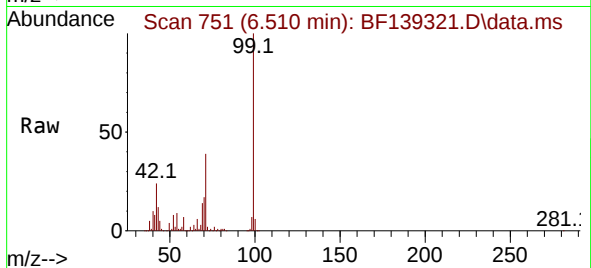




#7
Phenol-d6
Concen: 136.476 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

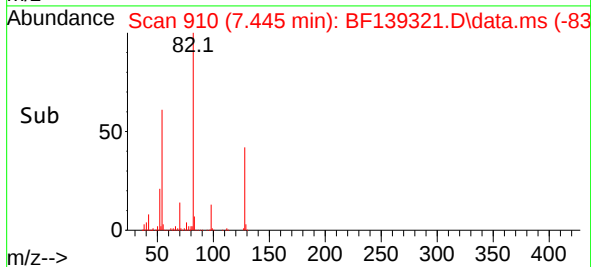
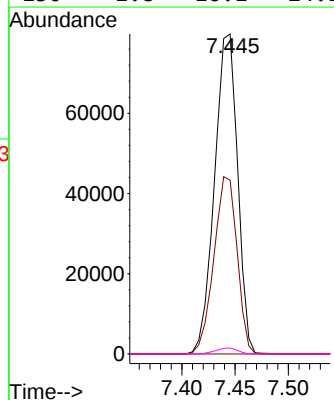
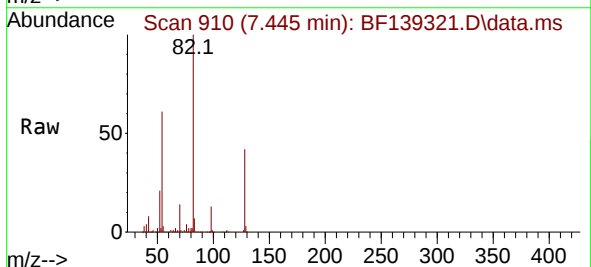
Instrument :
BNA_F
ClientSampleId :
PB163203TB

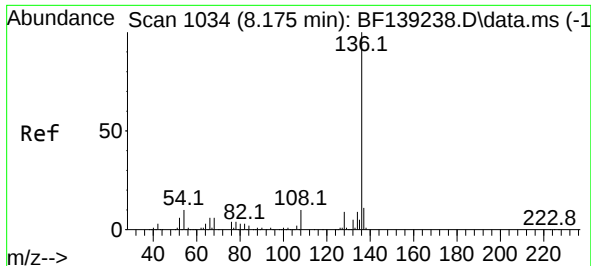
Tgt Ion: 99 Resp: 1274851
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 38.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.285 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

Tgt Ion: 70 Resp: 119895
Ion Ratio Lower Upper
70 100
42 54.3 61.0 91.6#
101 0.0 7.2 10.8#
130 1.8 16.1 24.1#

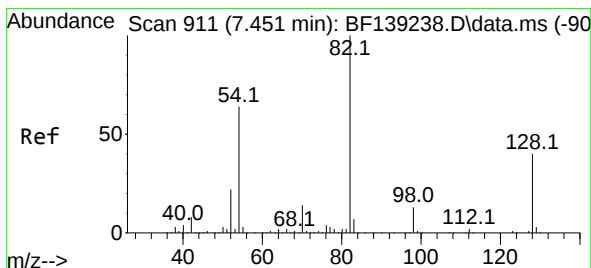
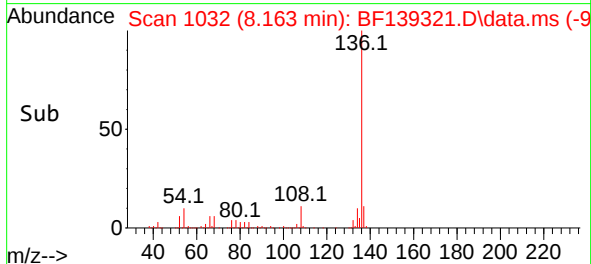
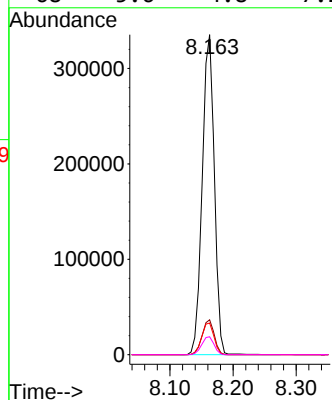
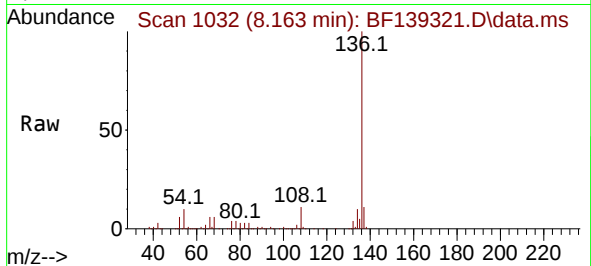




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

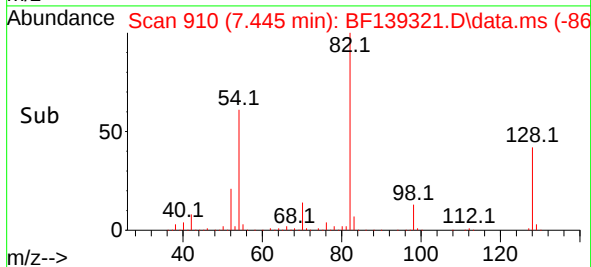
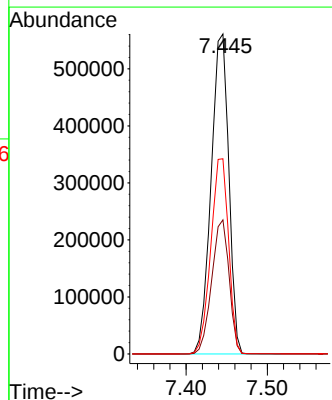
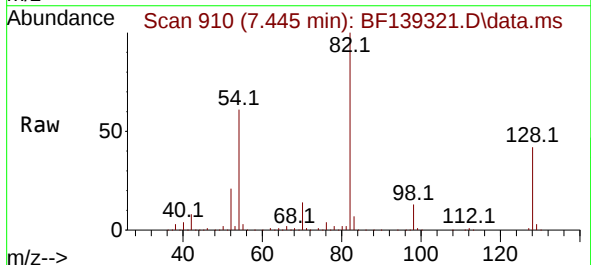
Instrument :
BNA_F
ClientSampleId :
PB163203TB

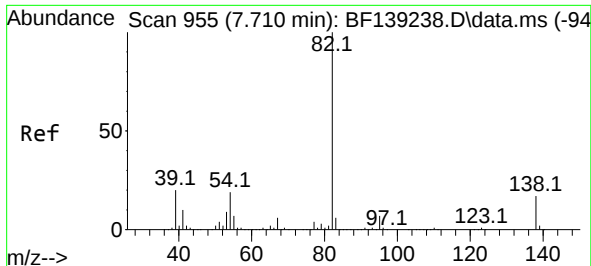
Tgt Ion:136 Resp: 445832
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.4 12.6
68 5.6 4.8 7.2



#23
Nitrobenzene-d5
Concen: 98.878 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

Tgt Ion: 82 Resp: 847375
Ion Ratio Lower Upper
82 100
128 41.9 32.3 48.5
54 61.0 51.2 76.8

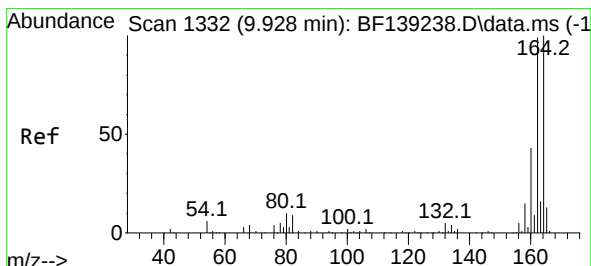
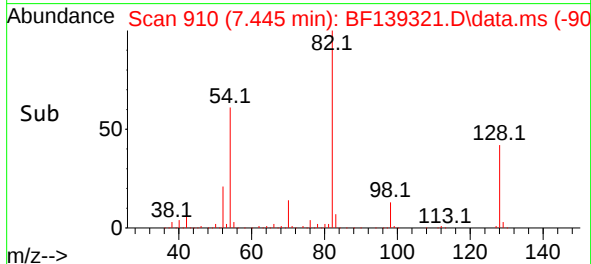
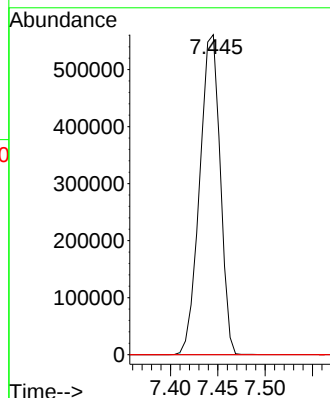
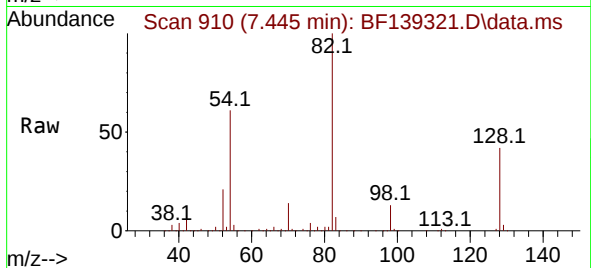




#25
Isophorone
Concen: 57.634 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

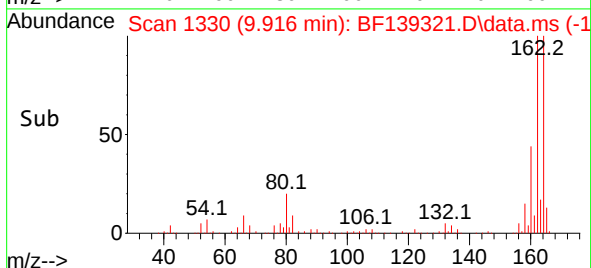
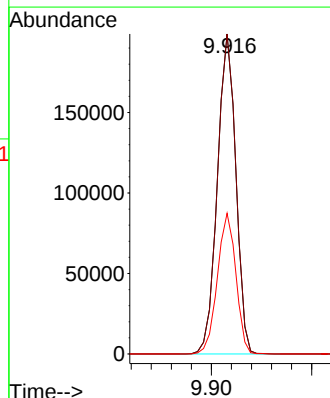
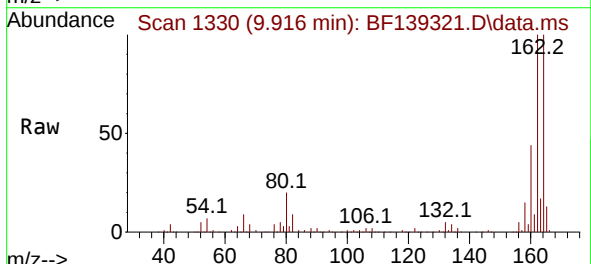
Instrument :
BNA_F
ClientSampleId :
PB163203TB

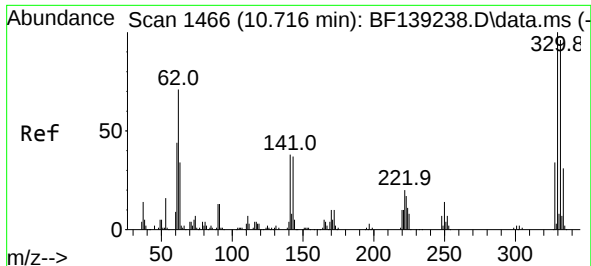
Tgt Ion: 82 Resp: 844444
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139321.D
Acq: 11 Sep 2024 13:10

Tgt Ion:164 Resp: 253756
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 43.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 157.388 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139321.D

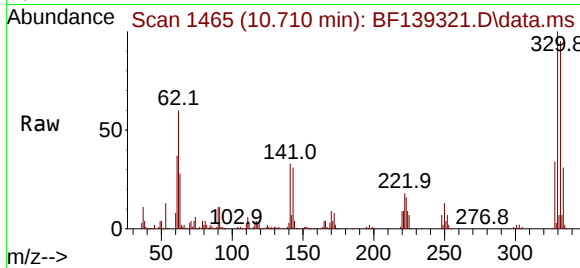
Acq: 11 Sep 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB163203TB



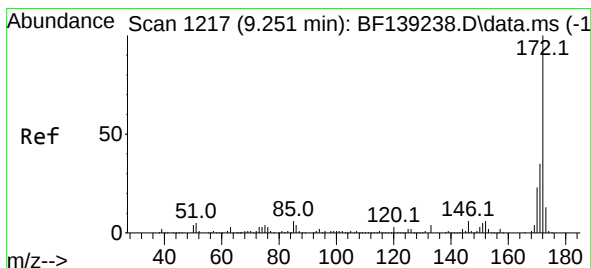
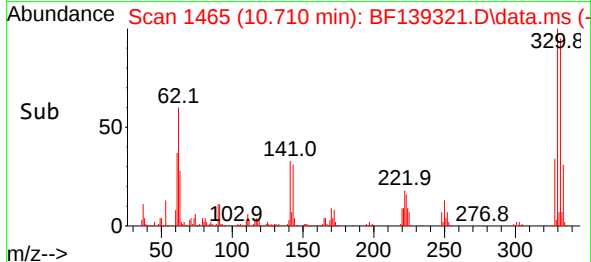
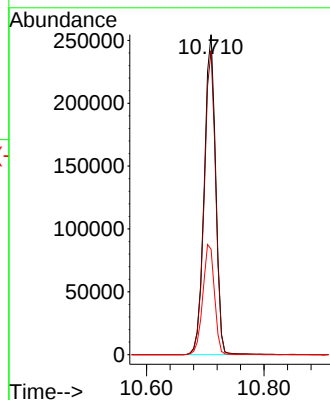
Tgt Ion:330 Resp: 344872

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

141 35.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 98.023 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

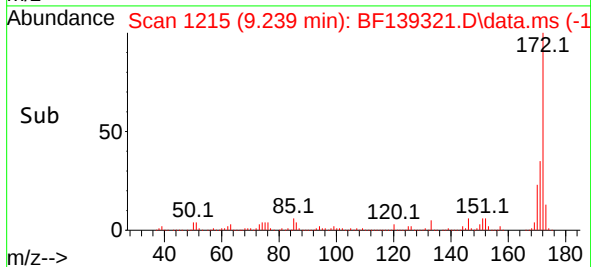
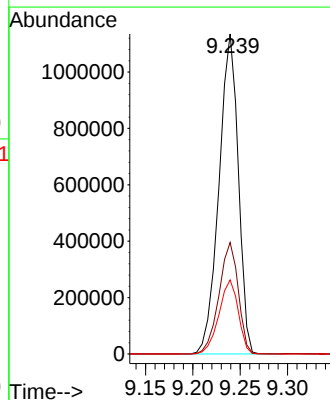
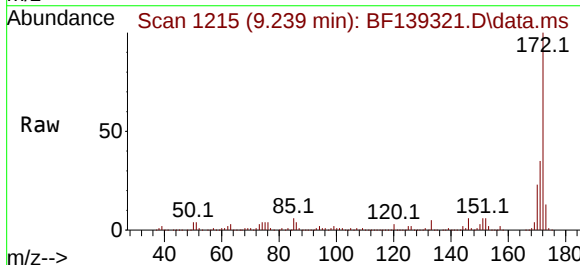
Tgt Ion:172 Resp: 1611382

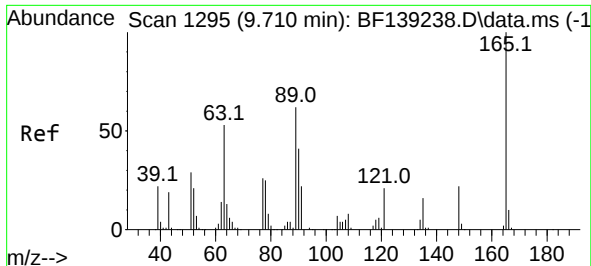
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.472 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB163203TB

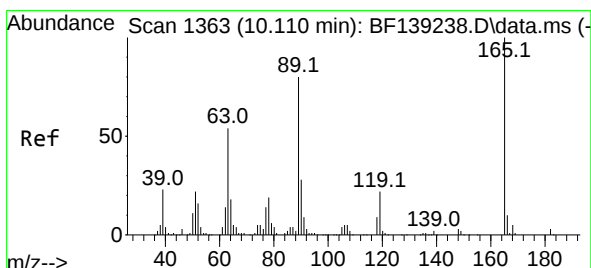
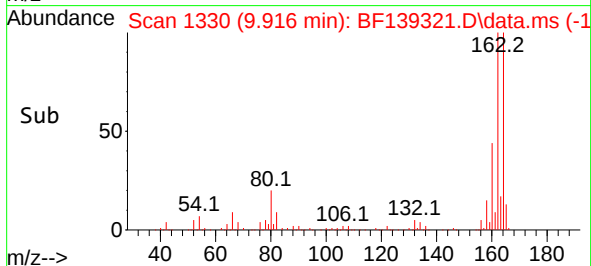
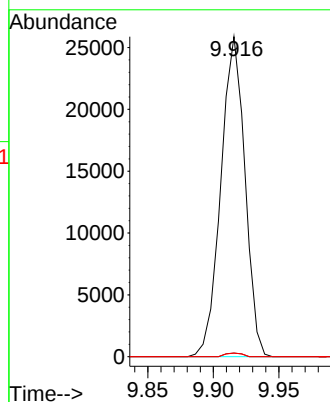
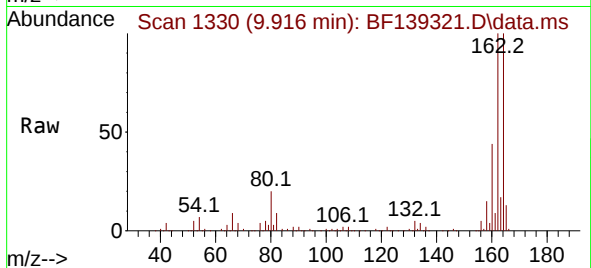
Tgt Ion:165 Resp: 33051

Ion Ratio Lower Upper

165 100

63 1.1 56.1 84.1#

89 1.1 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.442 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

Tgt Ion:165 Resp: 33051

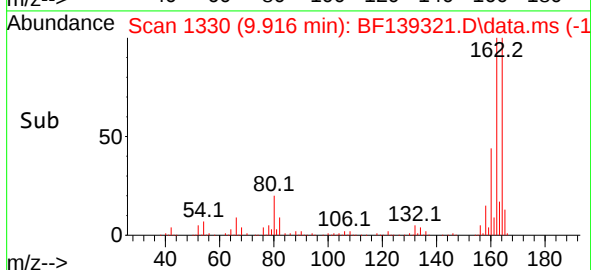
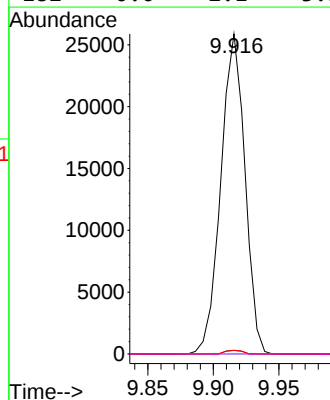
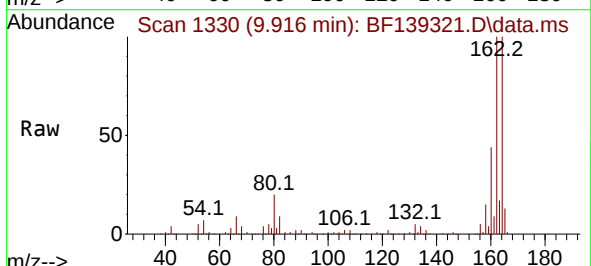
Ion Ratio Lower Upper

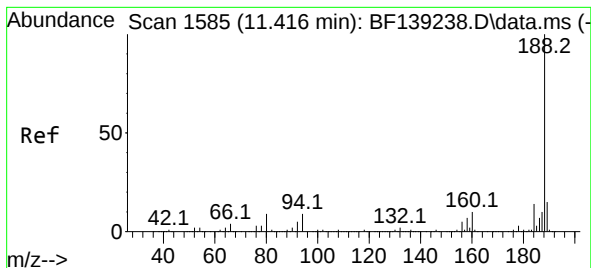
165 100

63 1.1 43.4 65.0#

89 1.1 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

Instrument :

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PB163203TB

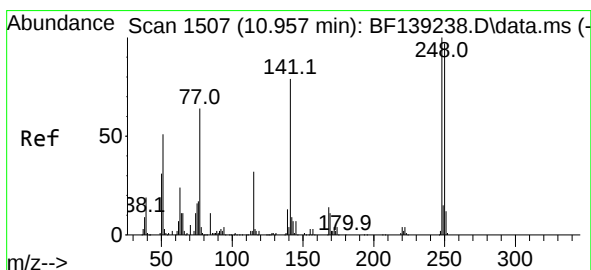
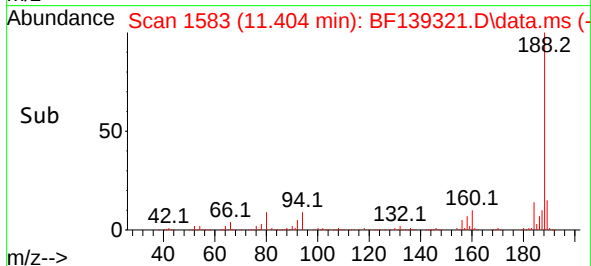
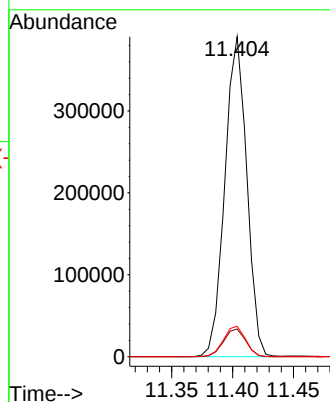
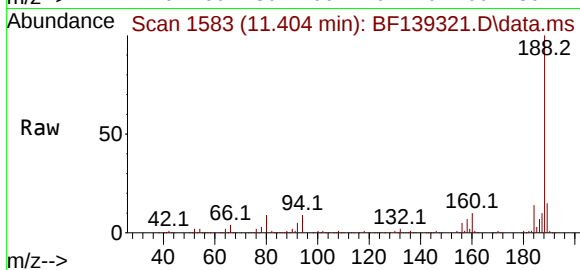
Tgt Ion:188 Resp: 489542

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.954 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

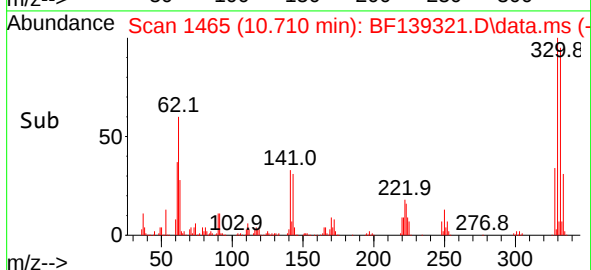
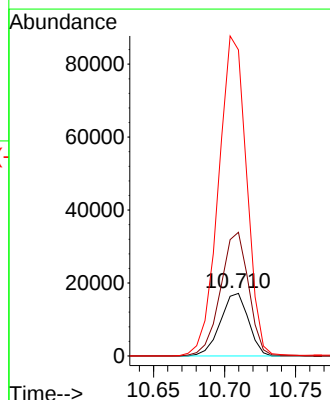
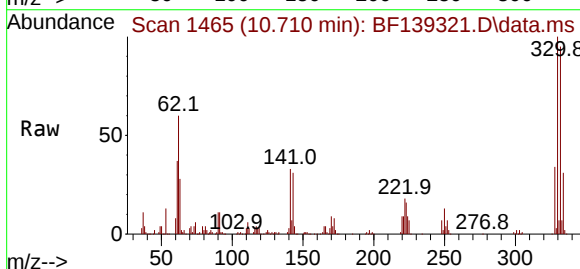
Tgt Ion:248 Resp: 23528

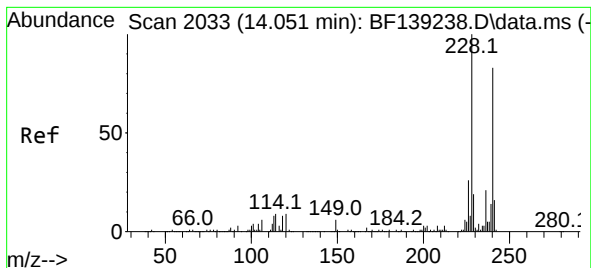
Ion Ratio Lower Upper

248 100

250 197.6 77.2 115.8#

141 489.0 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB163203TB

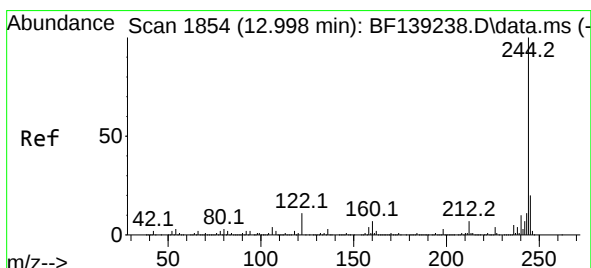
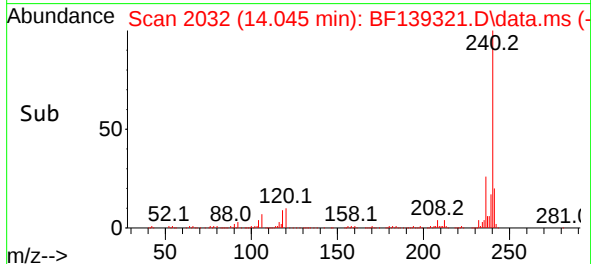
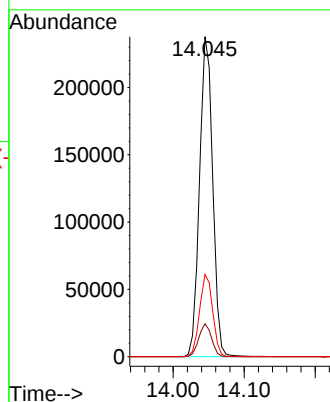
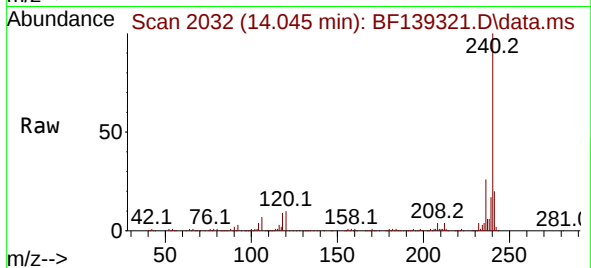
Tgt Ion:240 Resp: 307207

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 93.597 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139321.D

Acq: 11 Sep 2024 13:10

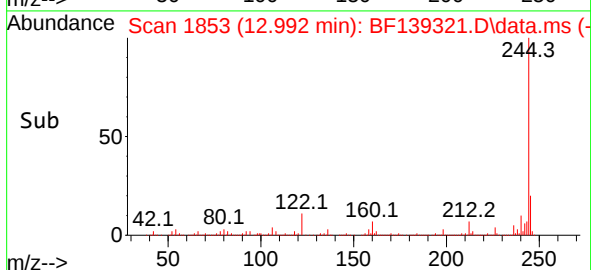
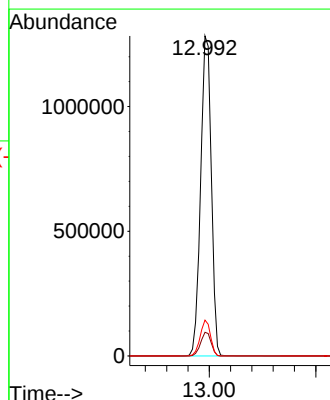
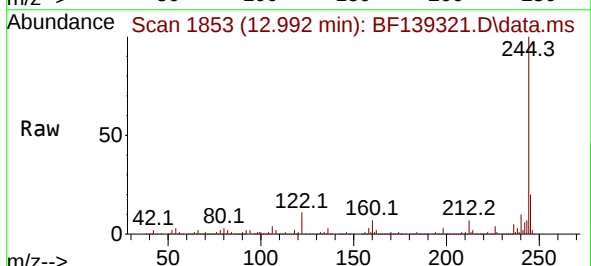
Tgt Ion:244 Resp: 1780880

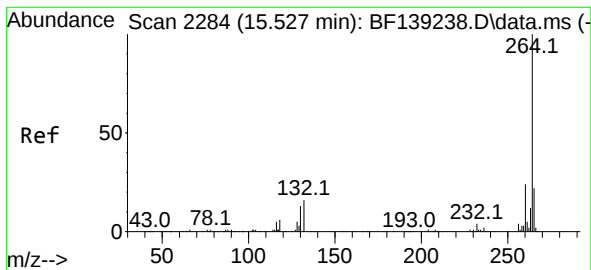
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.2 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139321.D

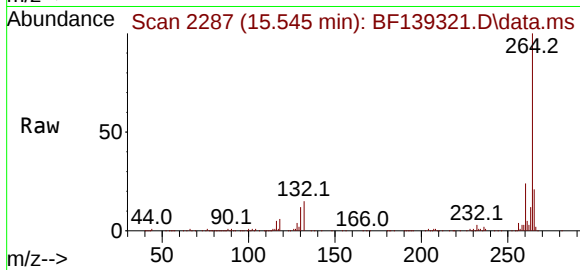
Acq: 11 Sep 2024 13:10

Instrument :

BNA_F

ClientSampleId :

PB163203TB



Tgt Ion:264 Resp: 235860

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.0 17.3 25.9

