

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139625.D
 Acq On : 03 Oct 2024 12:16
 Operator : RC/JU
 Sample : PB163843BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163843BL

Quant Time: Oct 03 12:42:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

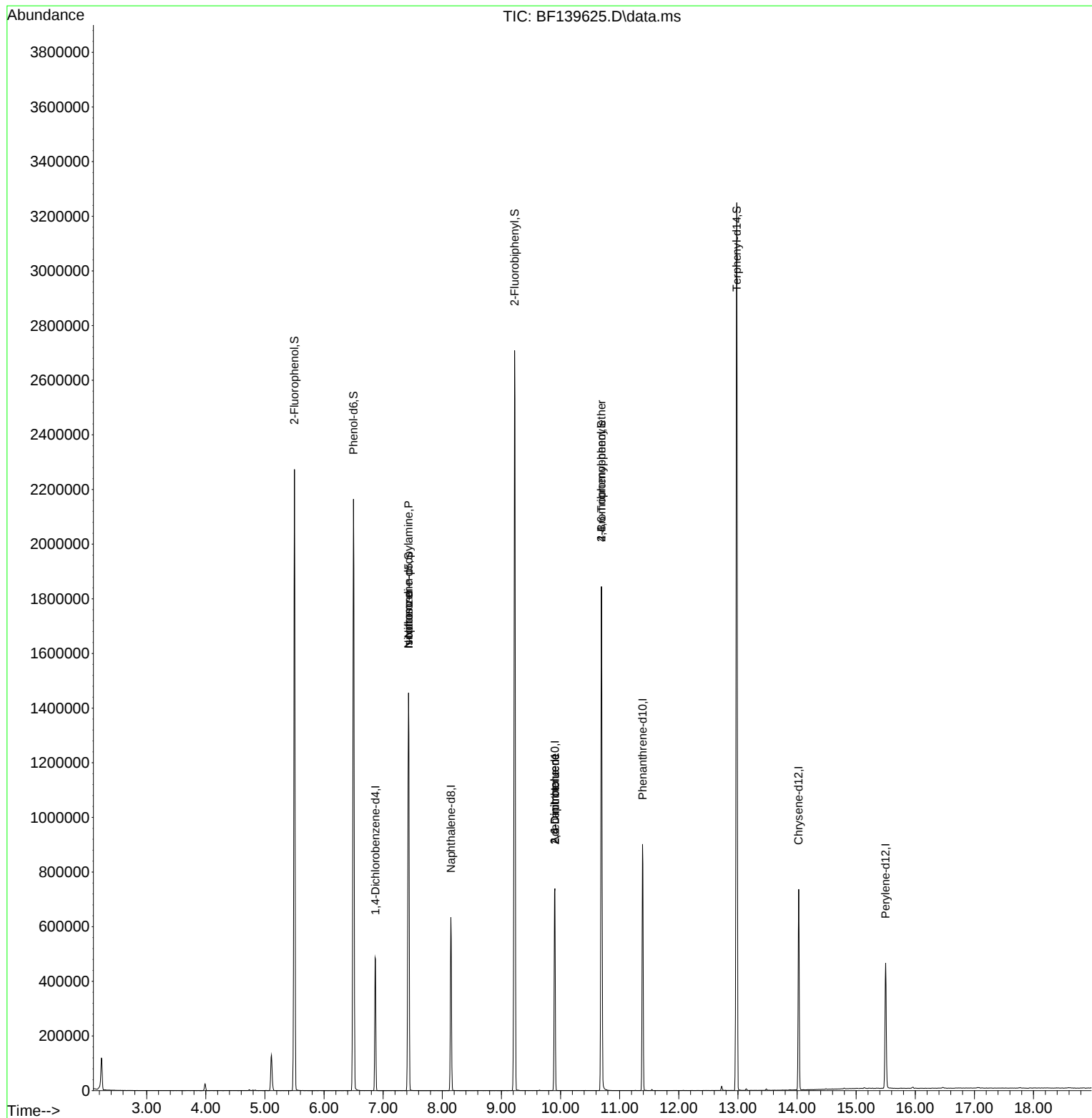
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	101089	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	392823	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	228527	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	475210	20.000	ng	0.00
76) Chrysene-d12	14.027	240	337546	20.000	ng	0.00
86) Perylene-d12	15.498	264	266458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	797504	136.738	ng	0.01
7) Phenol-d6	6.498	99	1035309	132.000	ng	0.00
23) Nitrobenzene-d5	7.428	82	686395	88.468	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	298979	135.526	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1263171	84.856	ng	0.00
79) Terphenyl-d14	12.980	244	1691010	82.201	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	95124	18.864	ng	# 75
25) Isophorone	7.428	82	683156	49.575	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	28492	8.431	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	28492	6.450	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	19899	4.084	ng	# 1

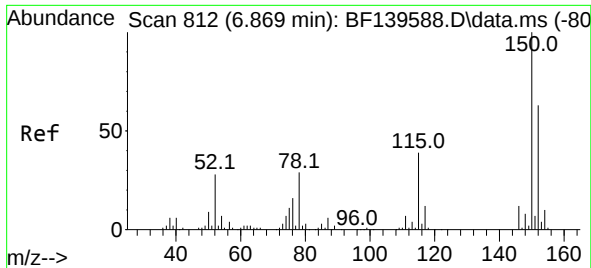
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
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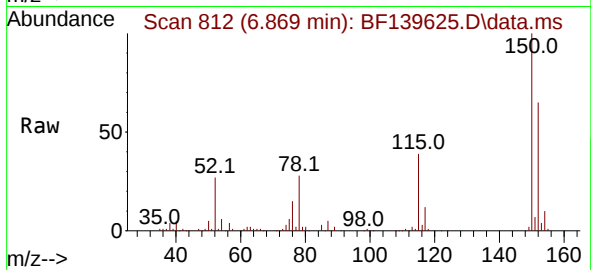
Quant Time: Oct 03 12:42:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



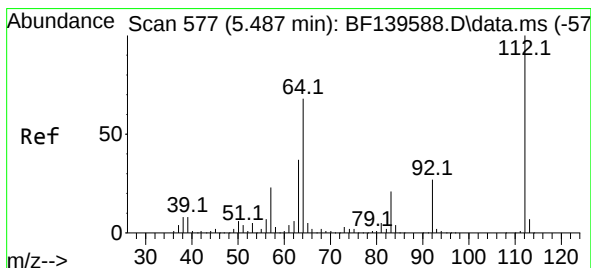
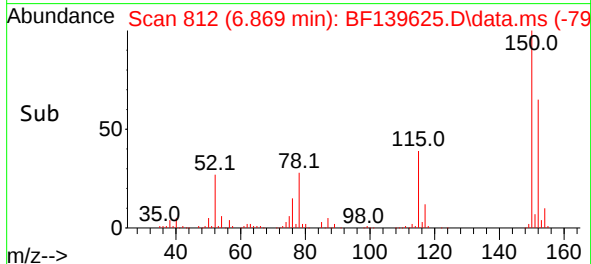
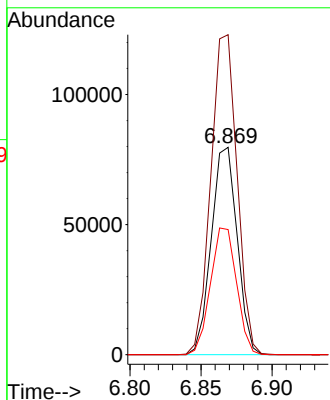


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

Instrument :
BNA_F
ClientSampleId :
PB163843BL

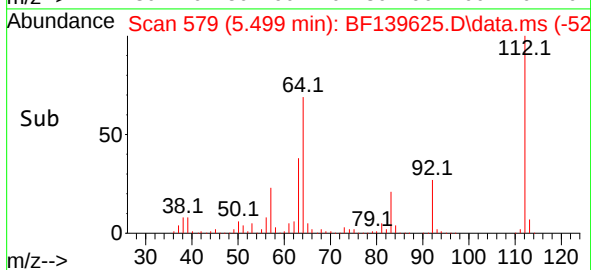
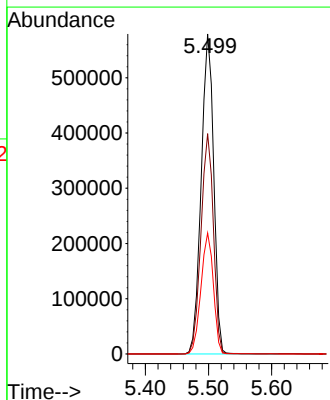
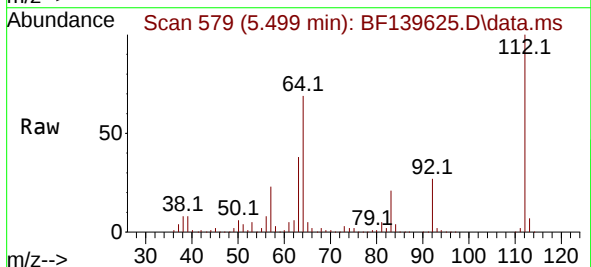


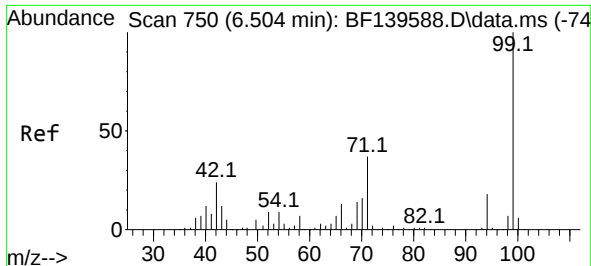
Tgt Ion:152 Resp: 101089
Ion Ratio Lower Upper
152 100
150 154.3 127.2 190.8
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 136.738 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

Tgt Ion:112 Resp: 797504
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 37.8 29.4 44.2

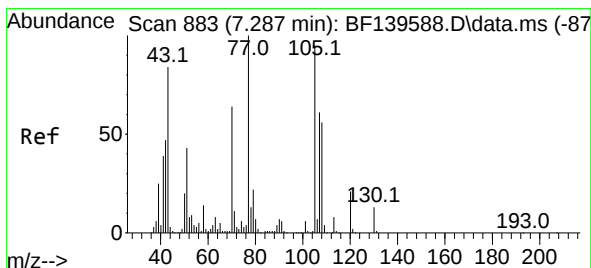
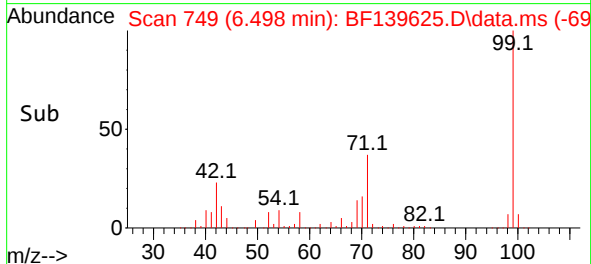
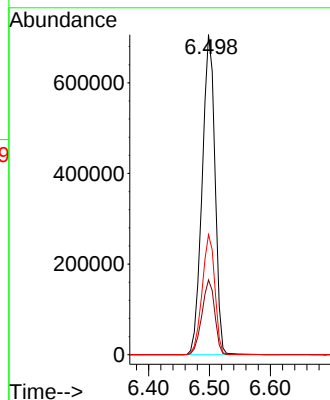
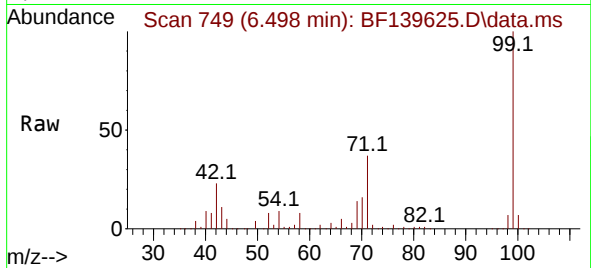




#7
Phenol-d6
Concen: 132.000 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

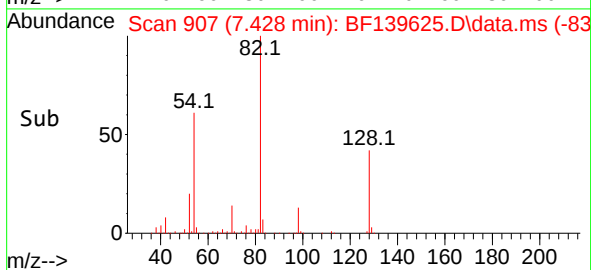
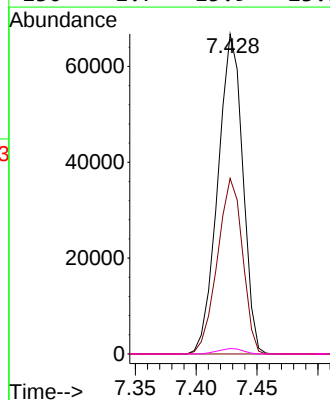
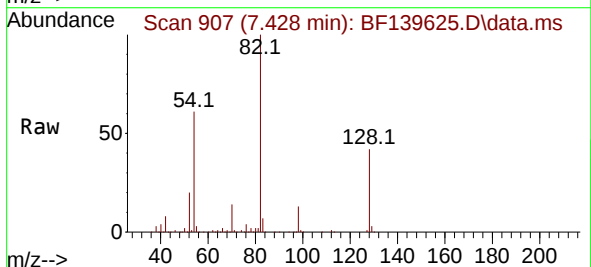
Instrument :
BNA_F
ClientSampleId :
PB163843BL

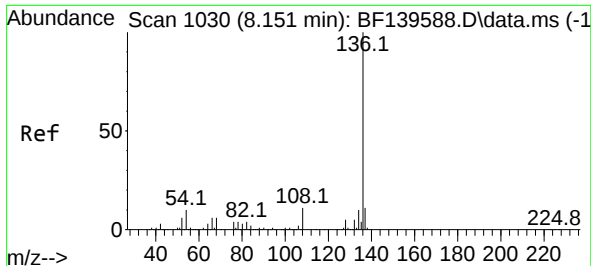
Tgt Ion: 99 Resp: 1035309
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.5 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.864 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

Tgt Ion: 70 Resp: 95124
Ion Ratio Lower Upper
70 100
42 54.9 58.0 87.0#
101 0.0 7.8 11.8#
130 1.7 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

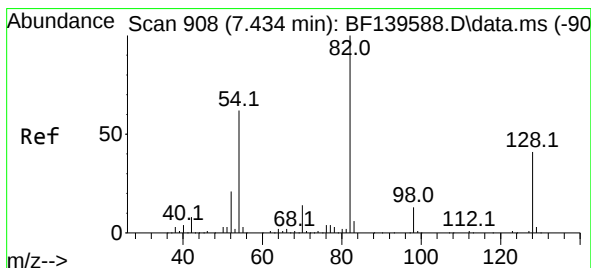
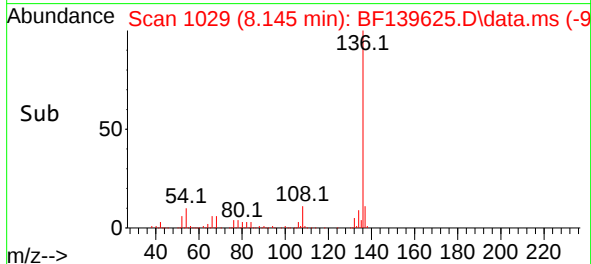
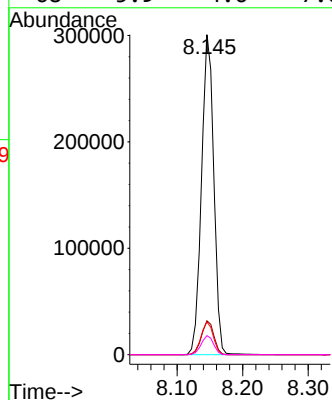
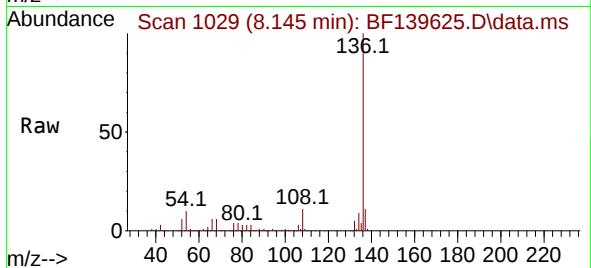
Instrument :

BNA_F

ClientSampleId :

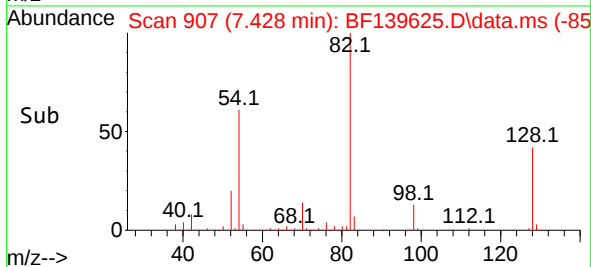
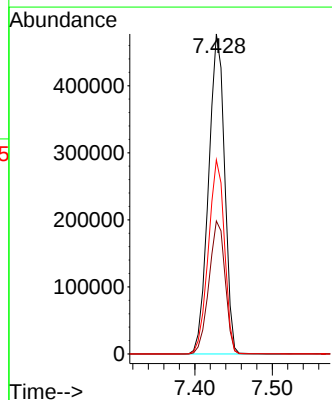
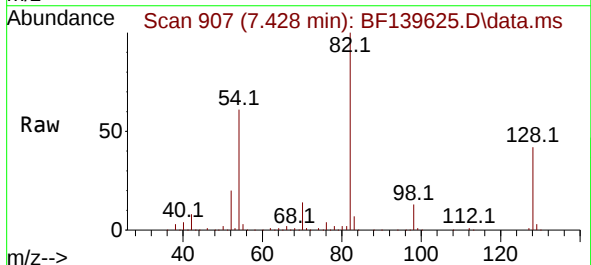
PB163843BL

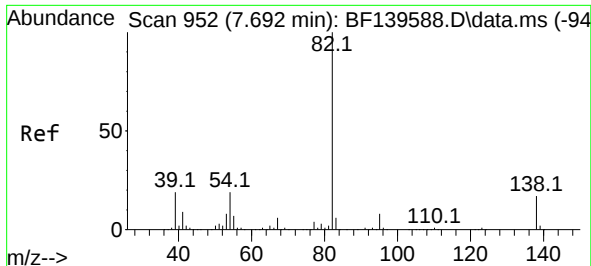
Tgt Ion:136 Resp: 392823
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.2 8.3 12.5
68 5.9 4.6 7.0



#23
Nitrobenzene-d5
Concen: 88.468 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

Tgt Ion: 82 Resp: 686395
Ion Ratio Lower Upper
82 100
128 41.5 32.4 48.6
54 60.6 49.1 73.7

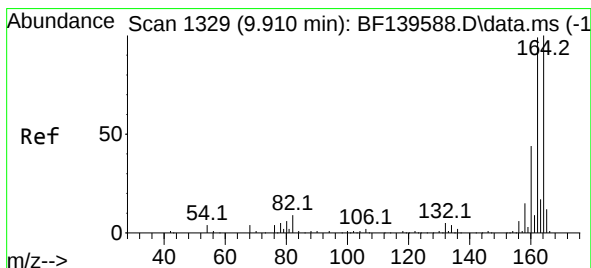
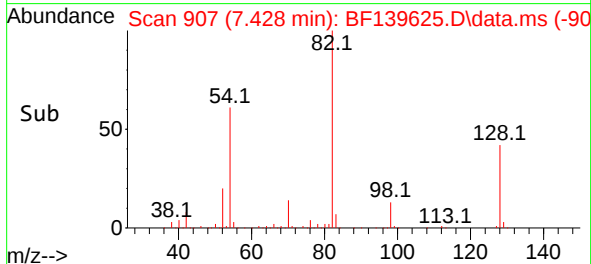
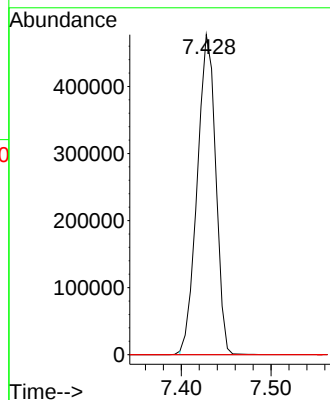
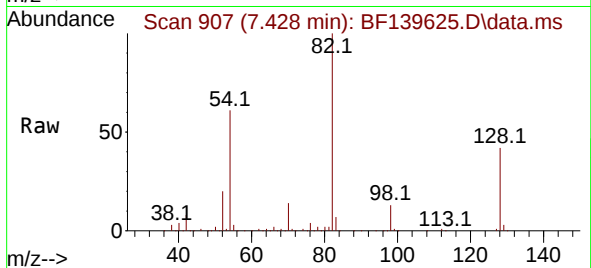




#25
Isophorone
Concen: 49.575 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

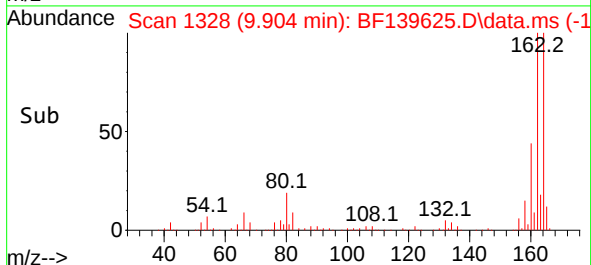
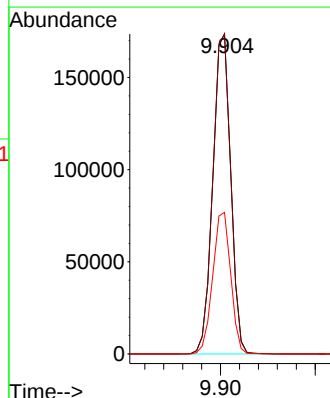
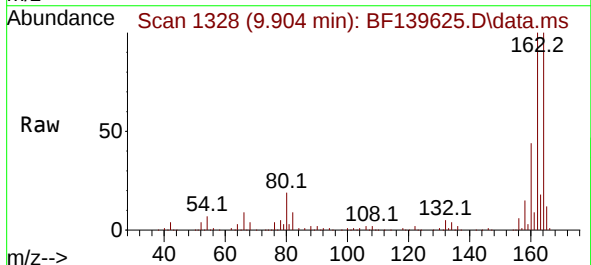
Instrument :
BNA_F
ClientSampleId :
PB163843BL

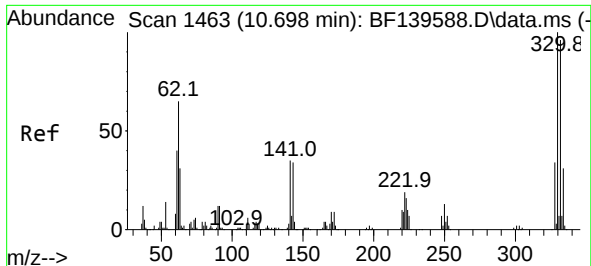
Tgt Ion: 82 Resp: 683156
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

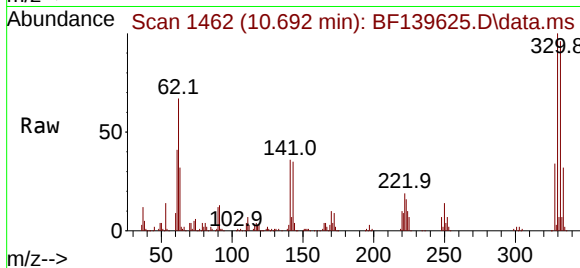
Tgt Ion: 164 Resp: 228527
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.2 35.1 52.7



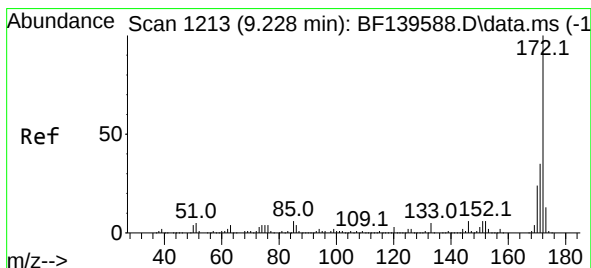
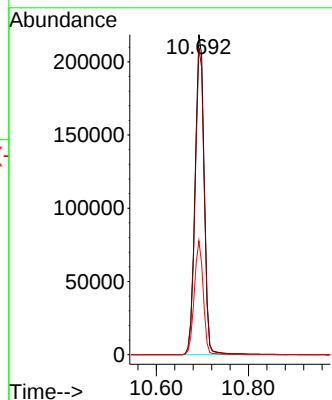
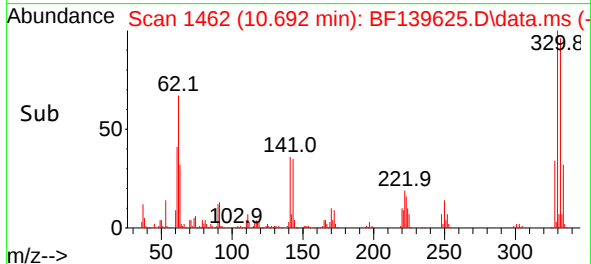


#42
2,4,6-Tribromophenol
Concen: 135.526 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

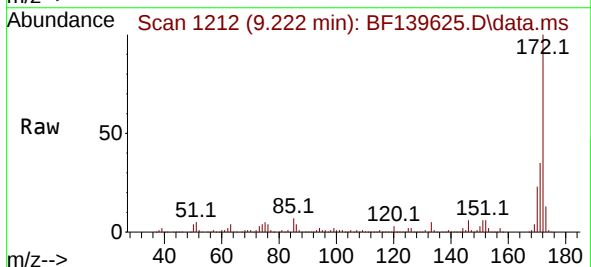
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BNA_F
ClientSampleId :
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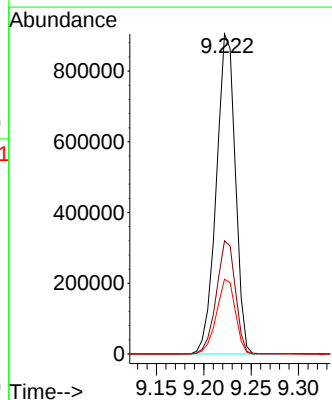
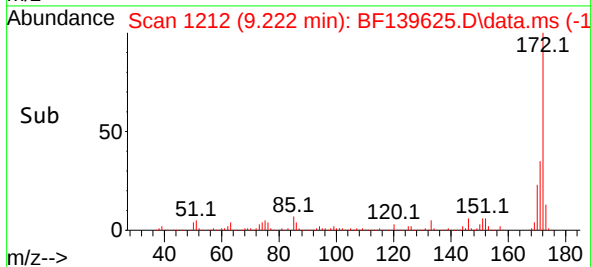
Tgt Ion:330 Resp: 298979
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 35.0 29.3 43.9

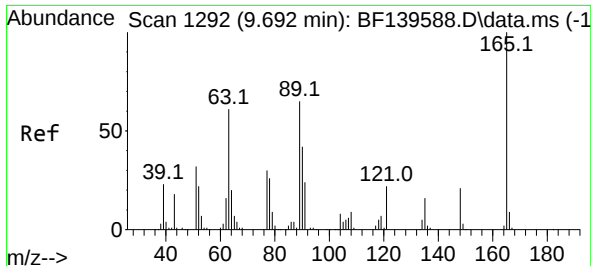


#45
2-Fluorobiphenyl
Concen: 84.856 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16



Tgt Ion:172 Resp: 1263171
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.8 28.2

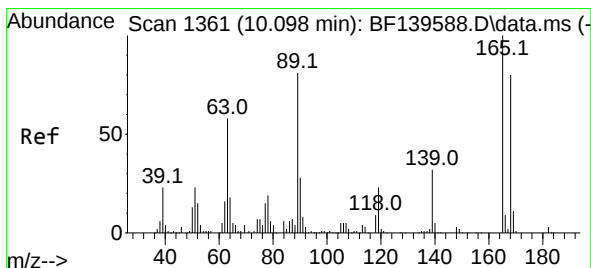
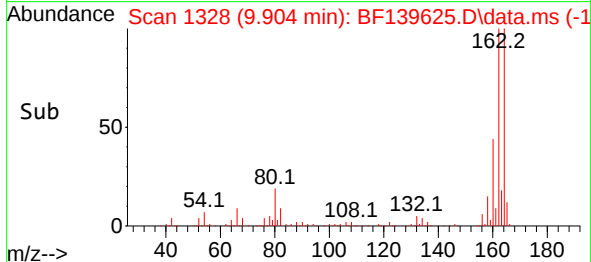
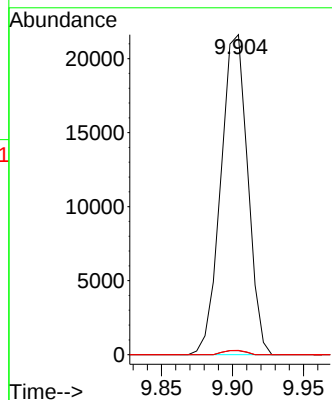
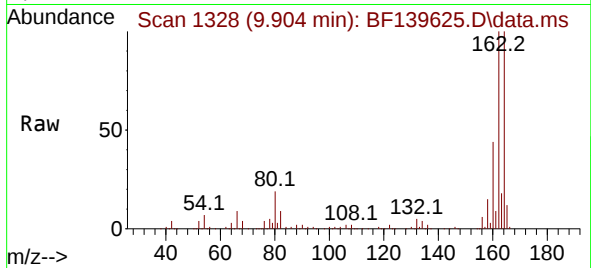




#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

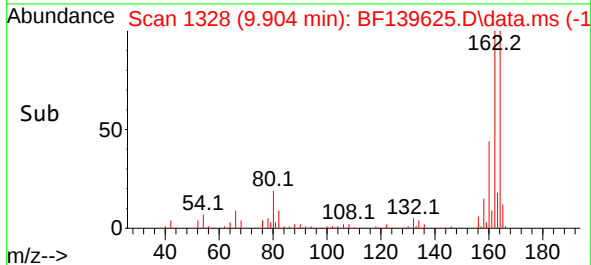
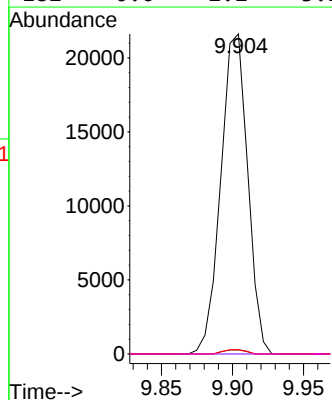
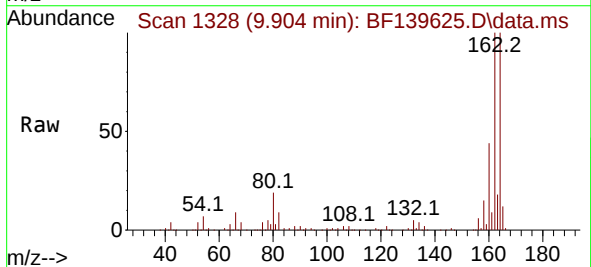
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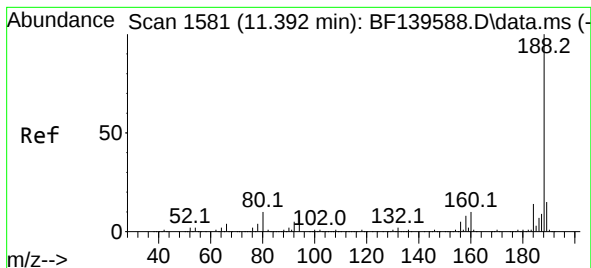
Tgt Ion:165 Resp: 28492
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.4 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139625.D
Acq: 03 Oct 2024 12:16

Tgt Ion:165 Resp: 28492
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.4 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139625.D

Acq: 03 Oct 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB163843BL

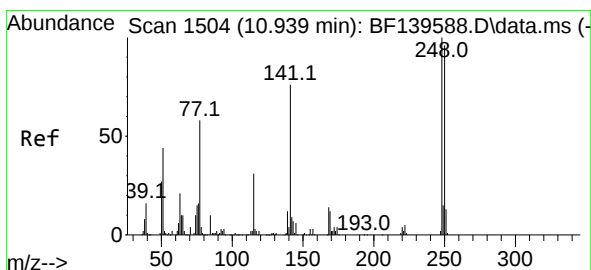
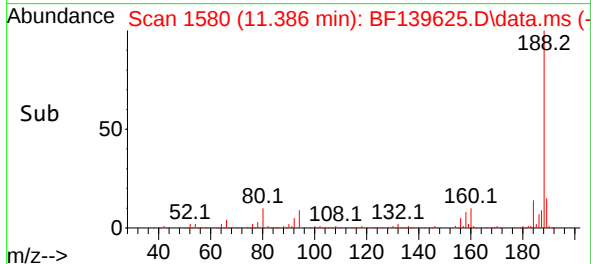
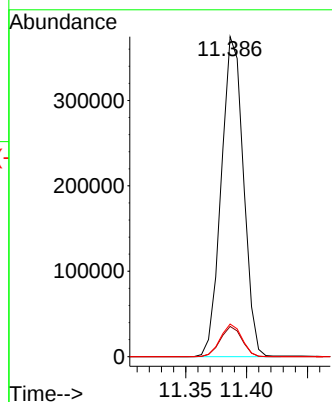
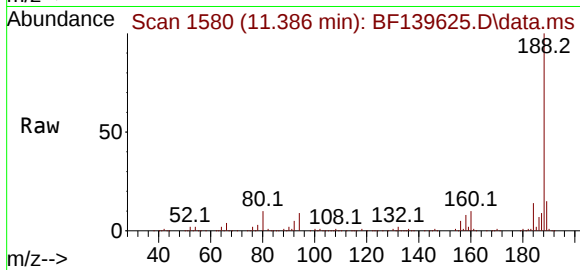
Tgt Ion:188 Resp: 475210

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.084 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139625.D

Acq: 03 Oct 2024 12:16

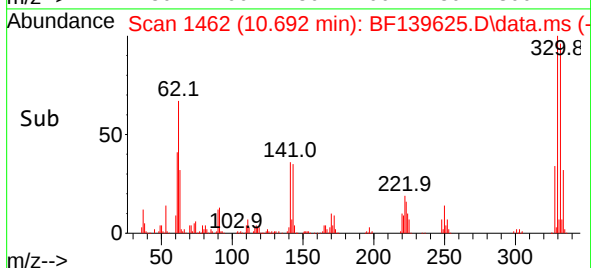
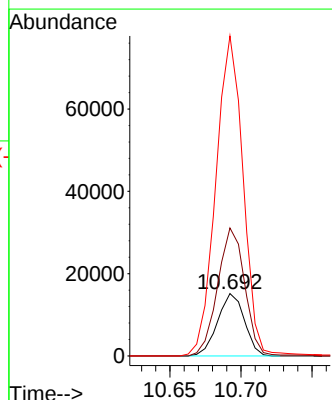
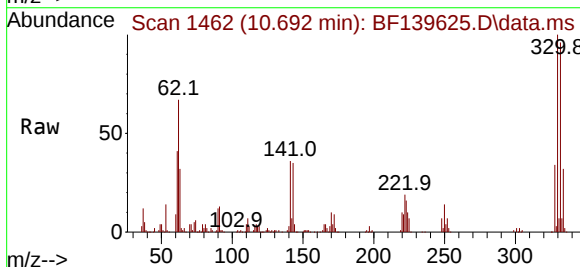
Tgt Ion:248 Resp: 19899

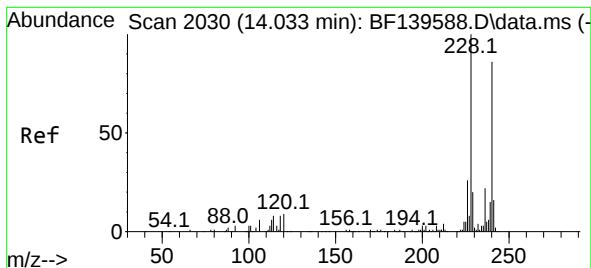
Ion Ratio Lower Upper

248 100

250 205.0 77.1 115.7#

141 512.6 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139625.D

Acq: 03 Oct 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB163843BL

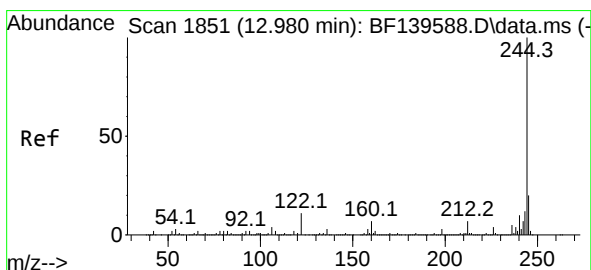
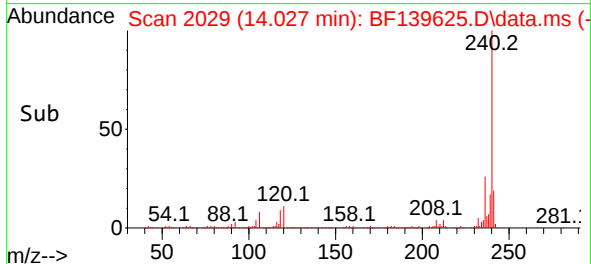
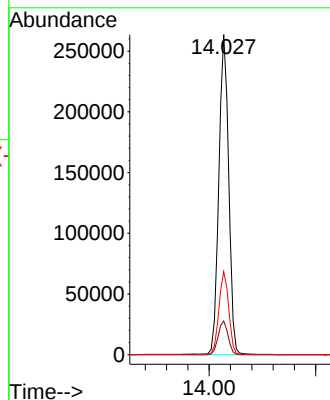
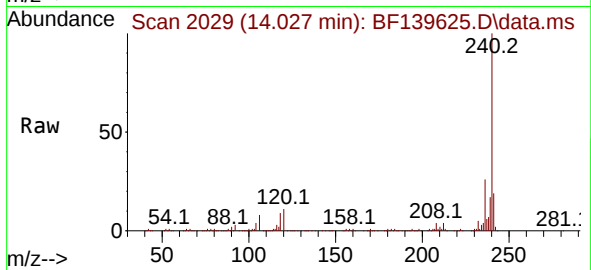
Tgt Ion:240 Resp: 337546

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 82.201 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139625.D

Acq: 03 Oct 2024 12:16

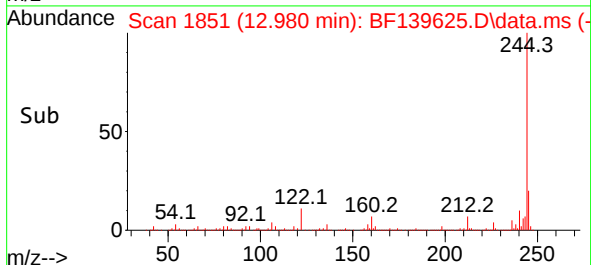
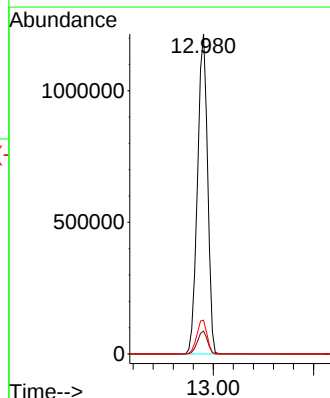
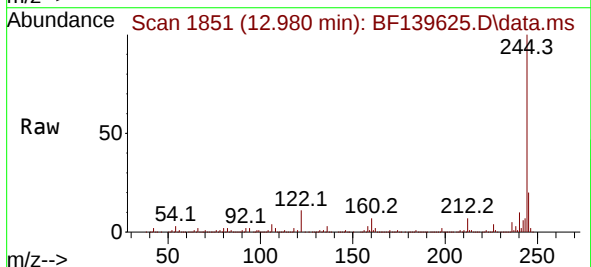
Tgt Ion:244 Resp: 1691010

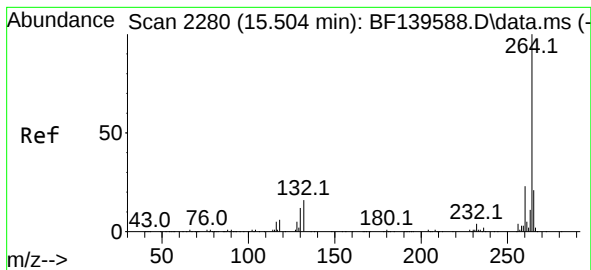
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.6 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139625.D

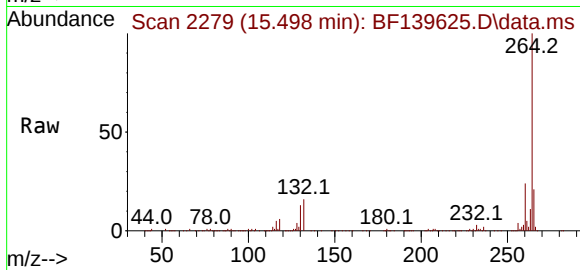
Acq: 03 Oct 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB163843BL



Tgt Ion:264 Resp: 266458

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 16.9 25.3

