

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139704.D
 Acq On : 08 Oct 2024 11:06
 Operator : RC/JU
 Sample : PB163910TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163910TB

Quant Time: Oct 08 11:41:20 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)

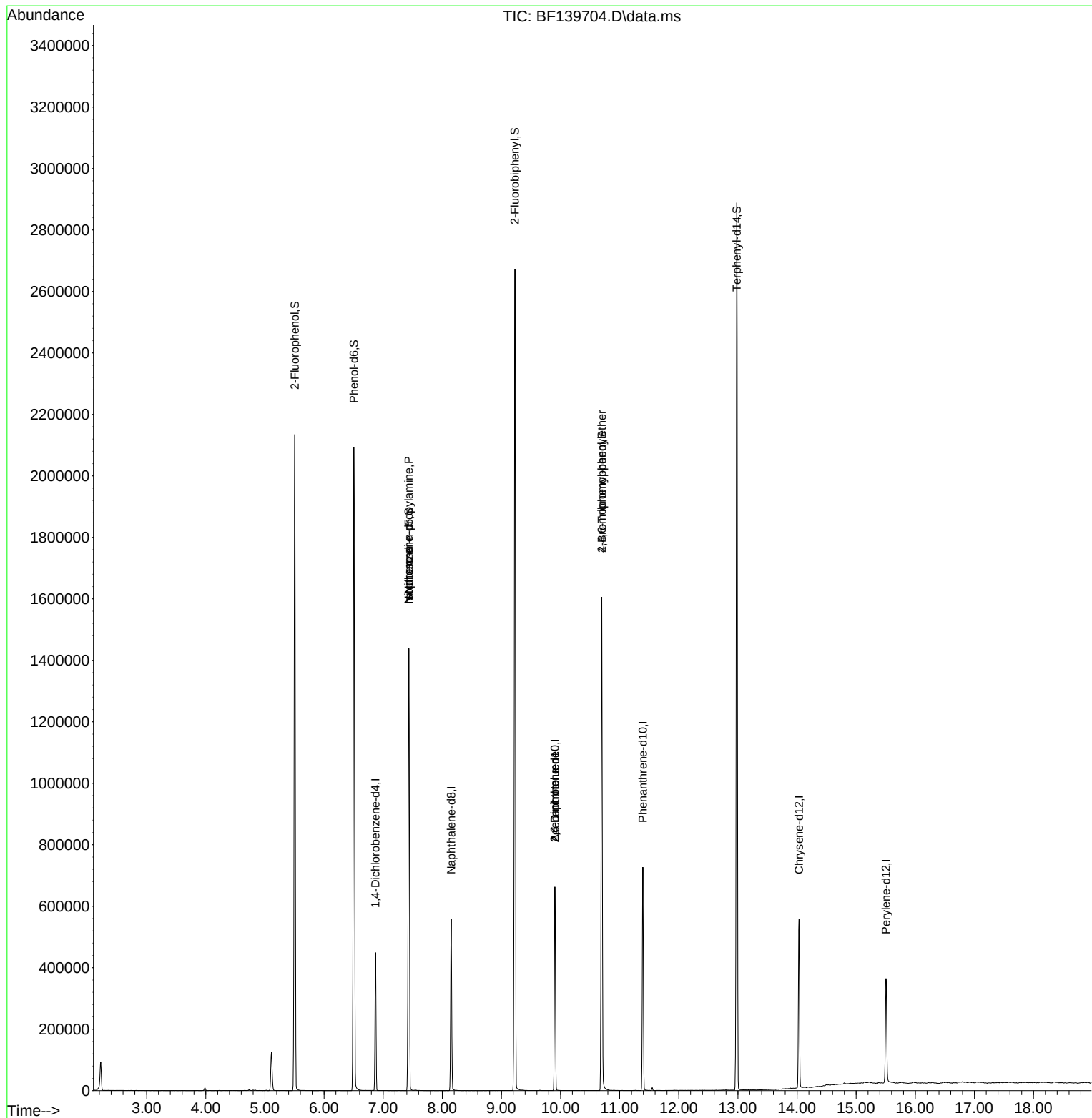
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89827	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	338052	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	194893	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	382271	20.000	ng	0.00
76) Chrysene-d12	14.033	240	263260	20.000	ng	0.00
86) Perylene-d12	15.504	264	196455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	752011	145.103	ng	0.02
7) Phenol-d6	6.504	99	992637	142.426	ng	0.00
23) Nitrobenzene-d5	7.434	82	653408	97.861	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	263873	140.255	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1193629	94.023	ng	0.00
79) Terphenyl-d14	12.980	244	1461389	91.085	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.434	70	88592	19.772	ng	# 74
25) Isophorone	7.434	82	648111	54.652	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	25261	8.765	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	25261	6.706	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	17126	4.369	ng	# 1

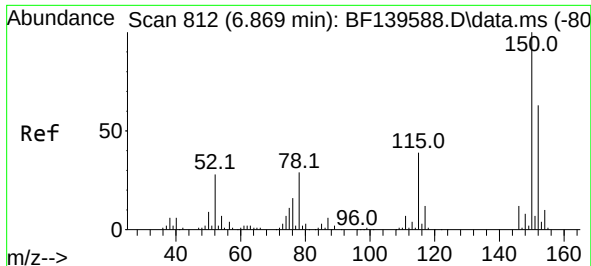
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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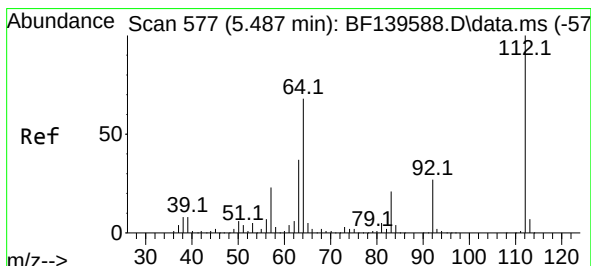
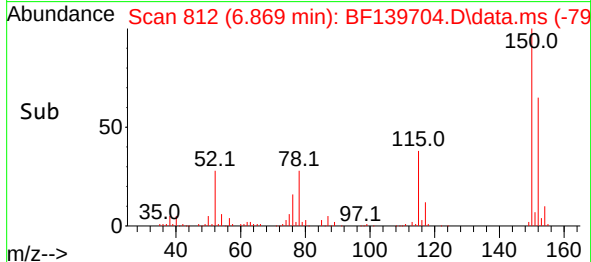
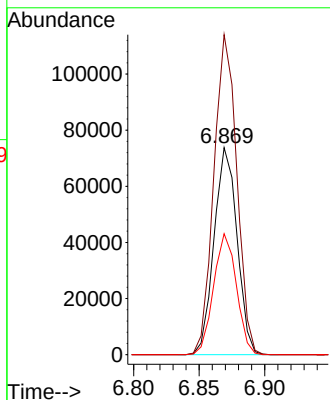
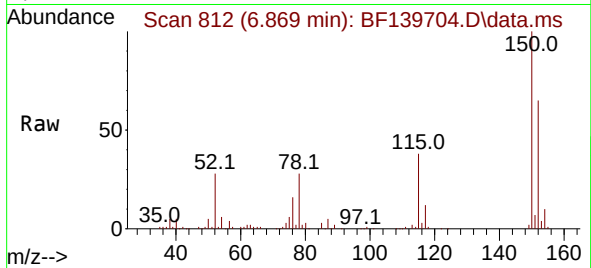




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

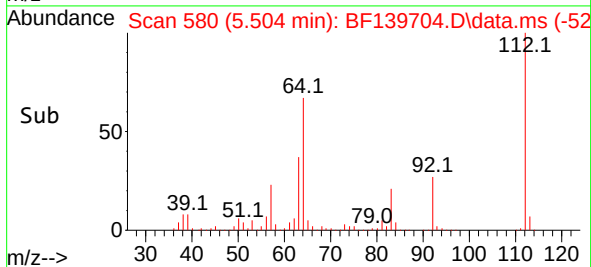
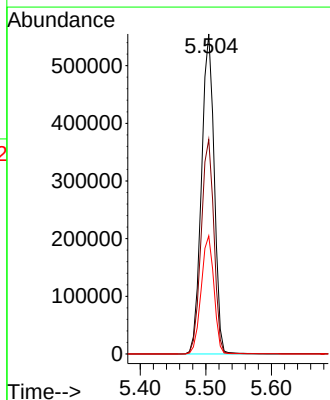
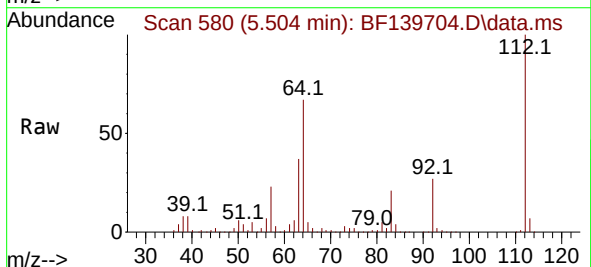
Instrument :
BNA_F
ClientSampleId :
PB163910TB

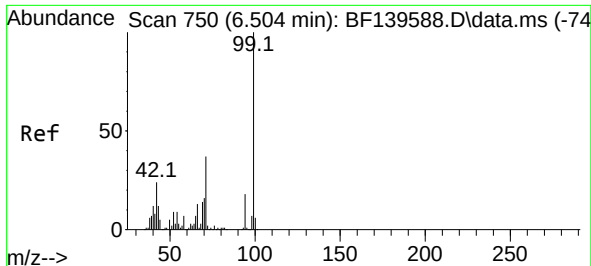
Tgt Ion:152 Resp: 89827
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 145.103 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion:112 Resp: 752011
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.9 29.4 44.2

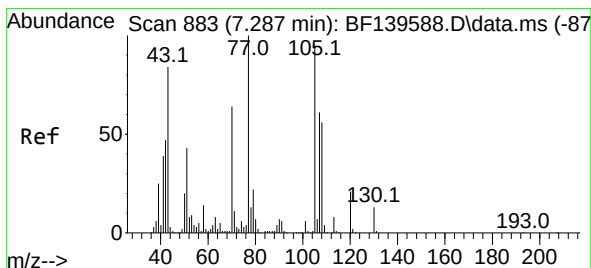
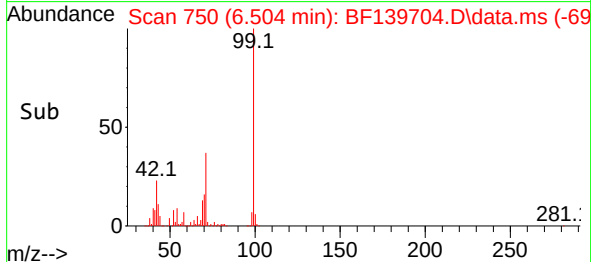
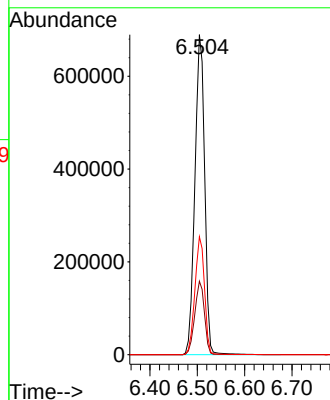
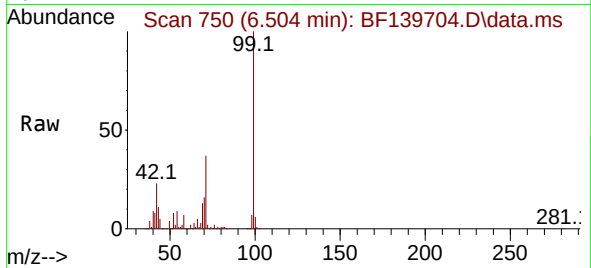




#7
Phenol-d6
Concen: 142.426 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

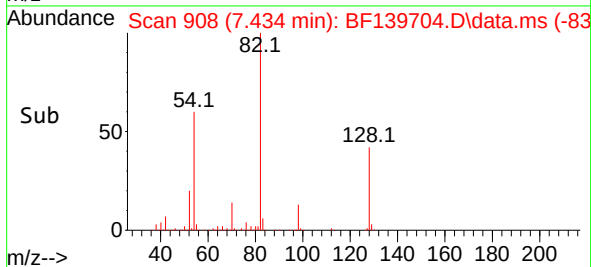
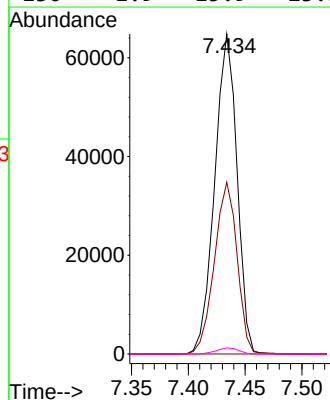
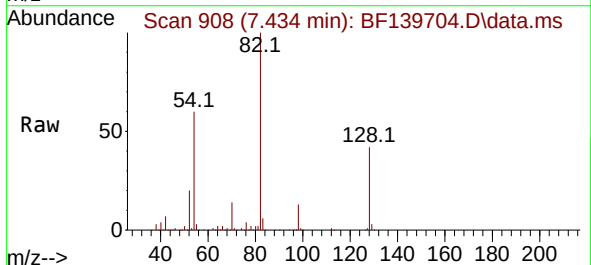
Instrument :
BNA_F
ClientSampleId :
PB163910TB

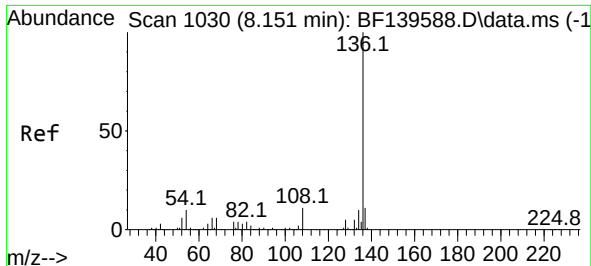
Tgt Ion: 99 Resp: 992637
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.8 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.772 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion: 70 Resp: 88592
Ion Ratio Lower Upper
70 100
42 53.6 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



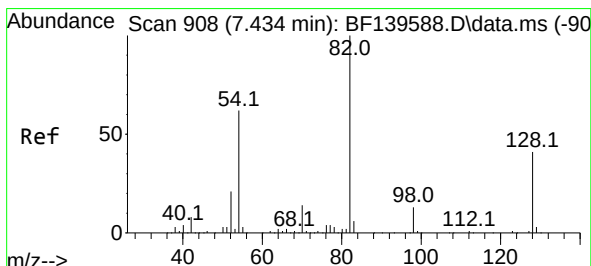
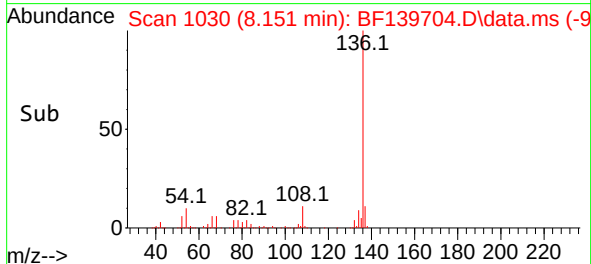
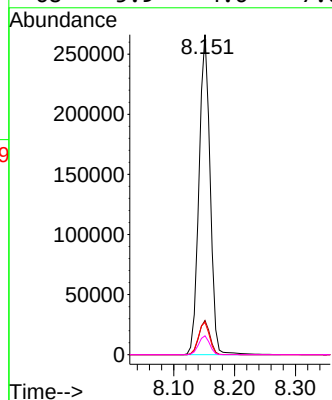
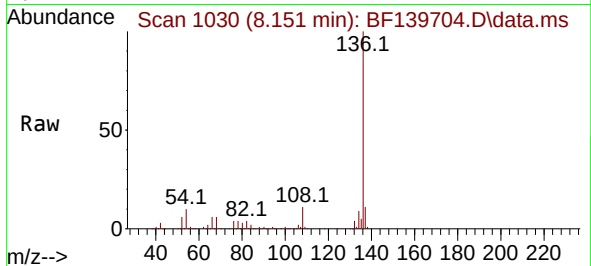


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Instrument :
BNA_F
ClientSampleId :
PB163910TB

Tgt Ion:136 Resp: 338052

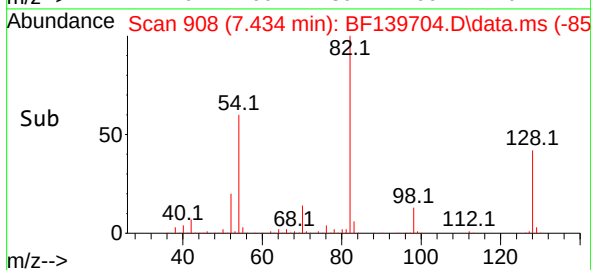
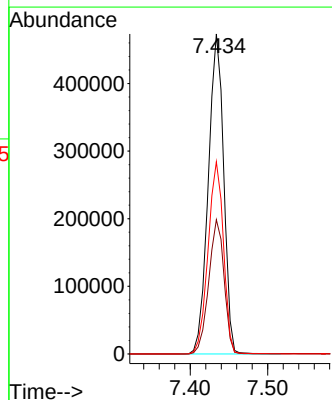
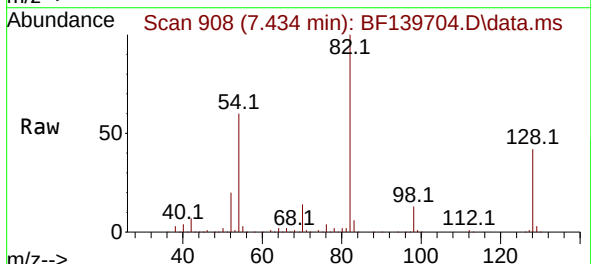
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.1	8.3	12.5
68	5.9	4.6	7.0

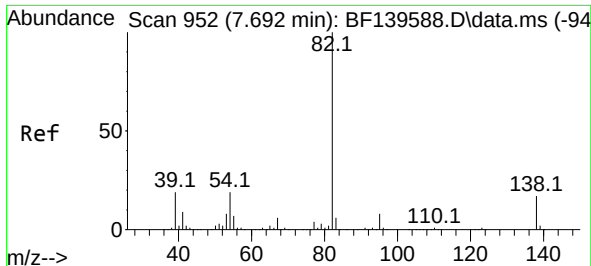


#23
Nitrobenzene-d5
Concen: 97.861 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion: 82 Resp: 653408

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.4	48.6
54	60.0	49.1	73.7

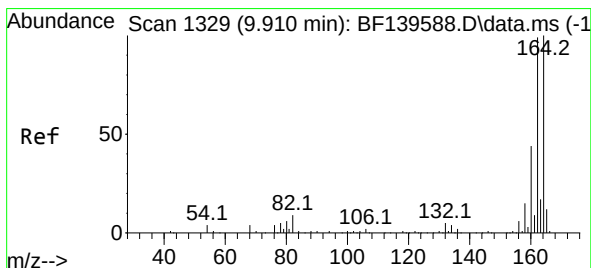
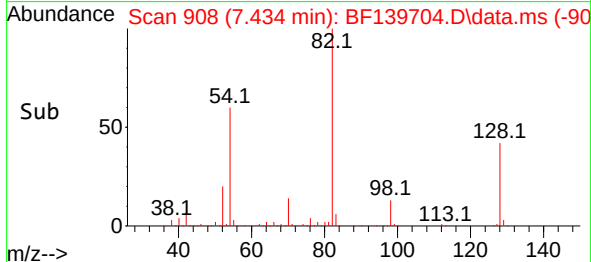
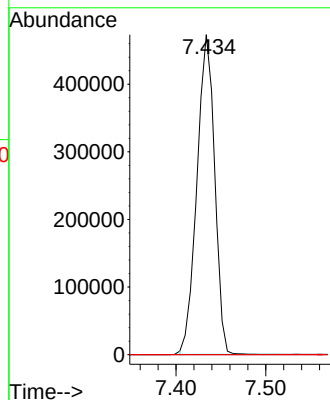
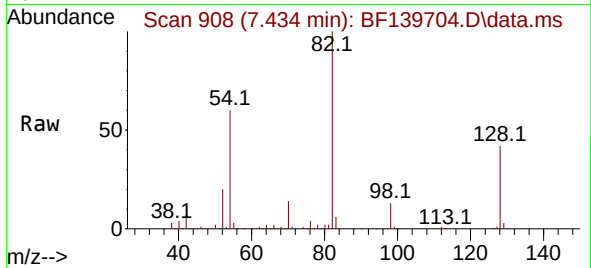




#25
Isophorone
Concen: 54.652 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

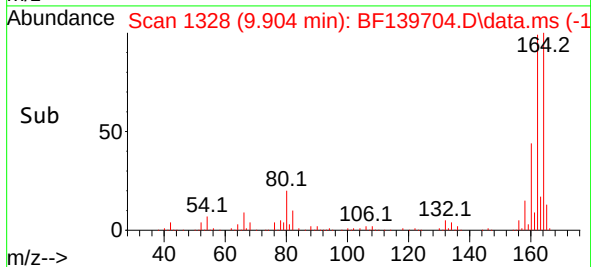
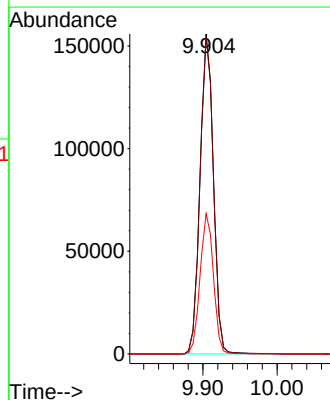
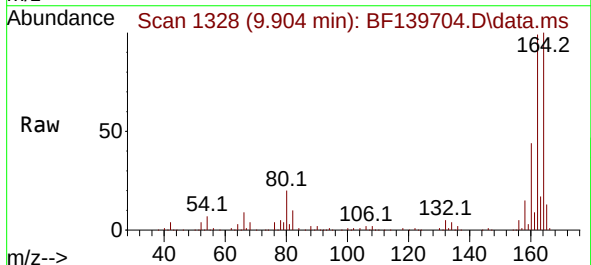
Instrument :
BNA_F
ClientSampleId :
PB163910TB

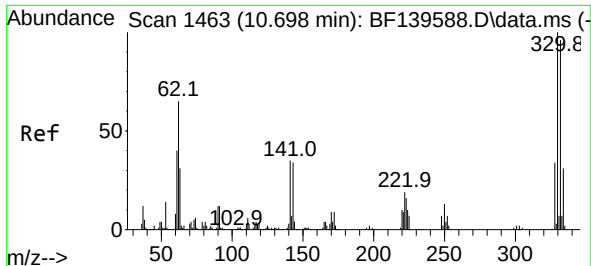
Tgt Ion: 82 Resp: 648111
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

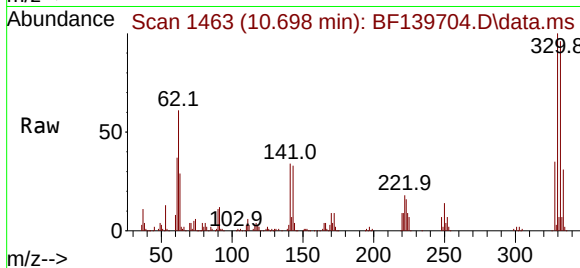
Tgt Ion:164 Resp: 194893
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 43.8 35.1 52.7



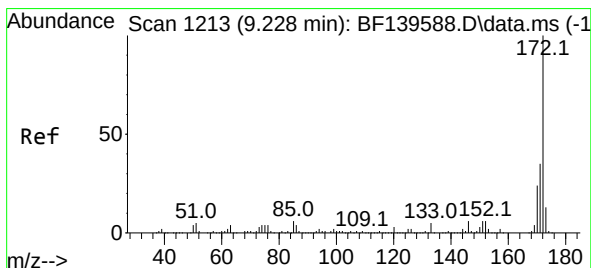
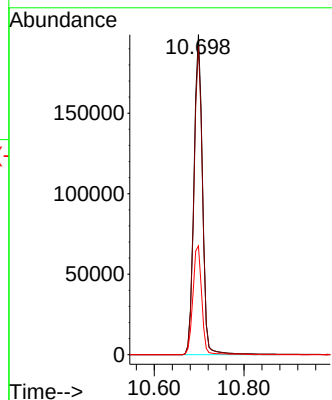
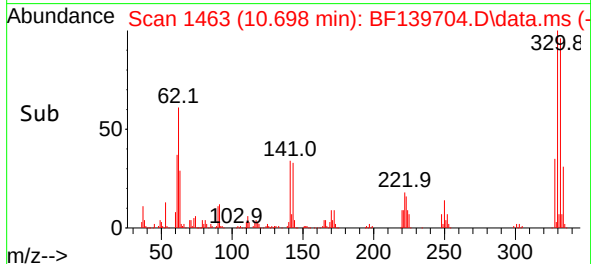


#42
2,4,6-Tribromophenol
Concen: 140.255 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Instrument :
BNA_F
ClientSampleId :
PB163910TB

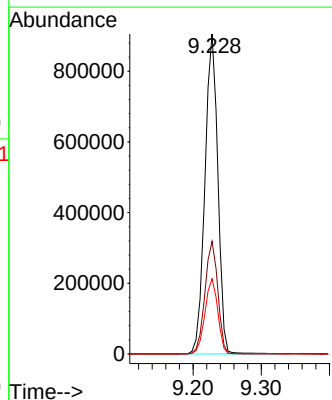
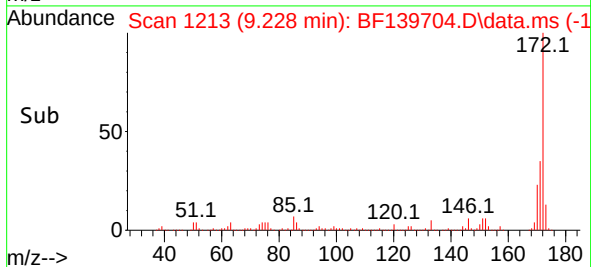
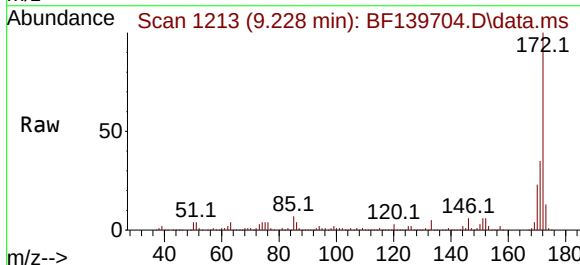


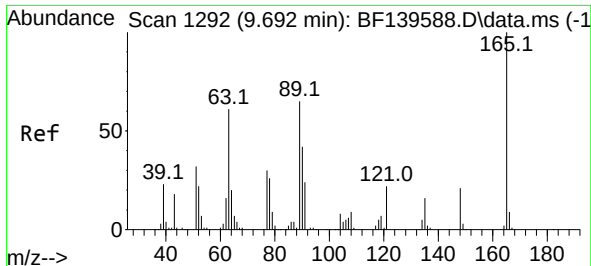
Tgt Ion: 330 Resp: 263873
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 35.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 94.023 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion: 172 Resp: 1193629
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.5 18.8 28.2

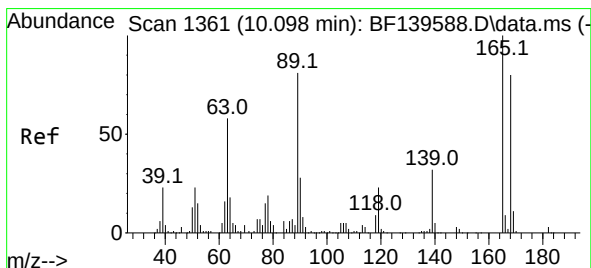
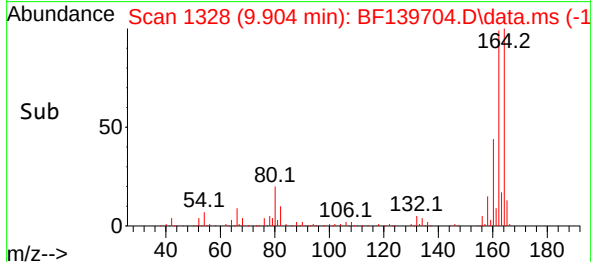
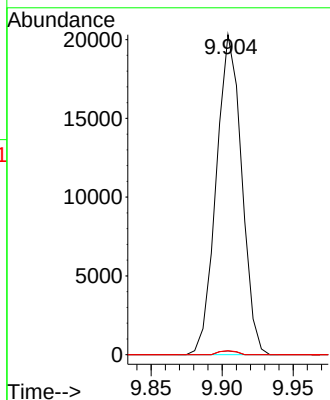
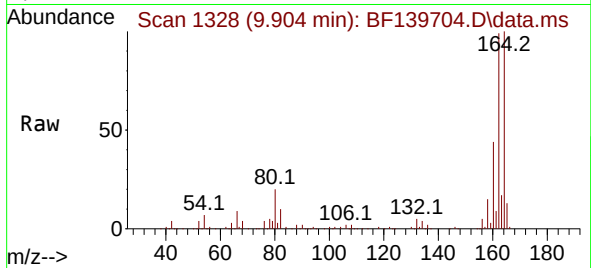




#51
2,6-Dinitrotoluene
Concen: 8.765 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

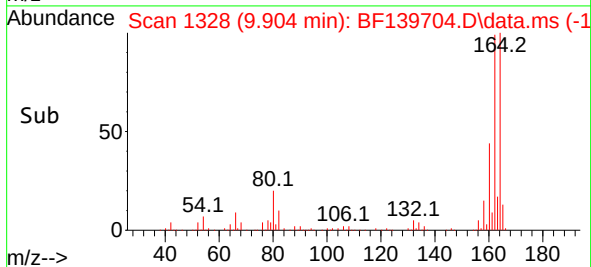
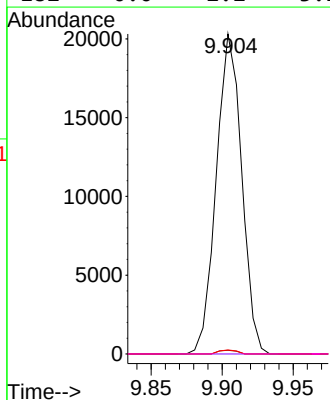
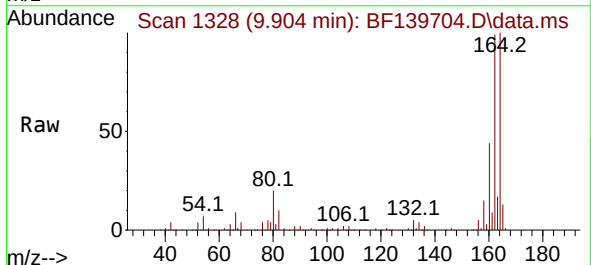
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PB163910TB

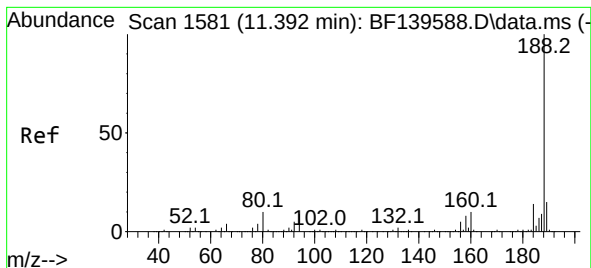
Tgt Ion:165 Resp: 25261
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139704.D
Acq: 08 Oct 2024 11:06

Tgt Ion:165 Resp: 25261
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB163910TB

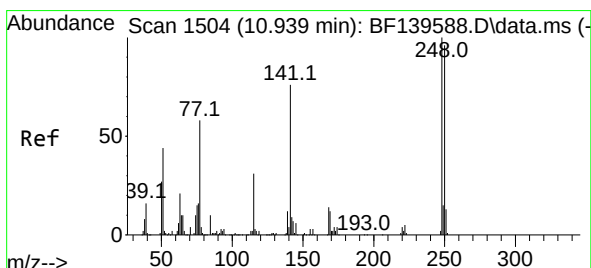
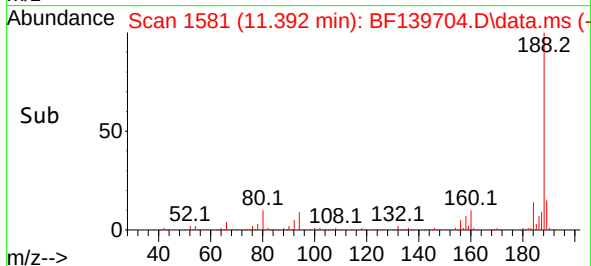
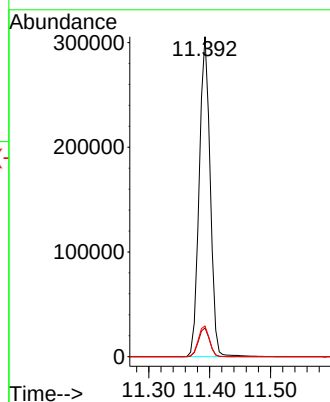
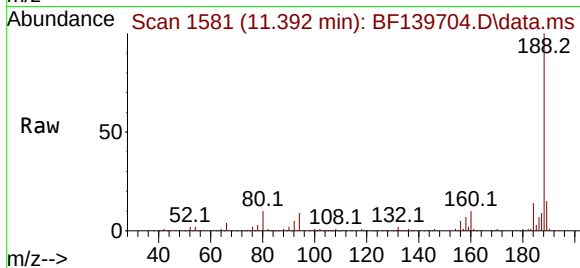
Tgt Ion:188 Resp: 382271

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.6 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.369 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

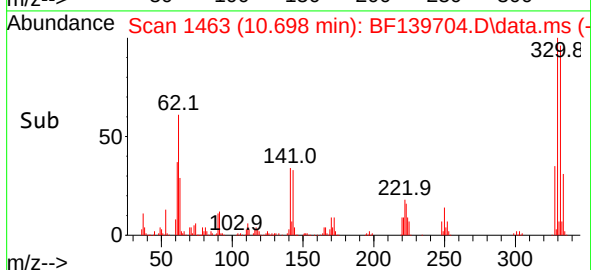
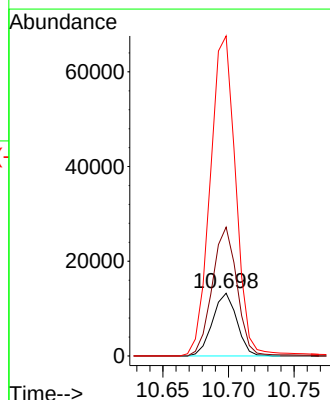
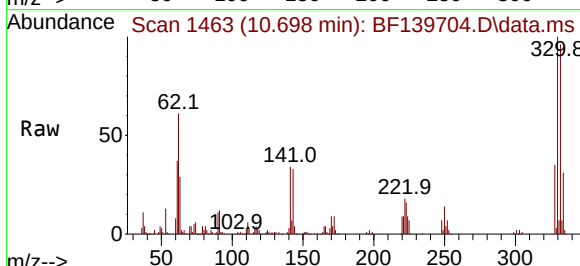
Tgt Ion:248 Resp: 17126

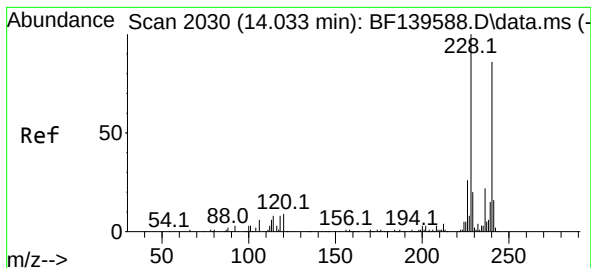
Ion Ratio Lower Upper

248 100

250 205.6 77.1 115.7#

141 510.8 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB163910TB

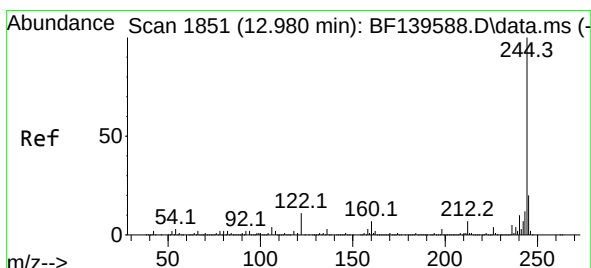
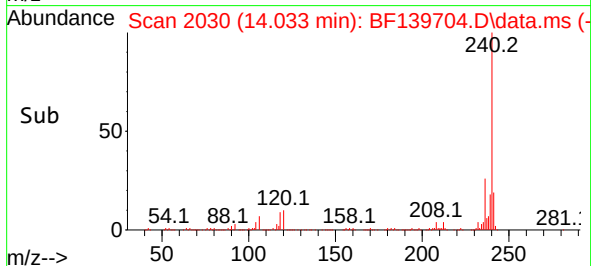
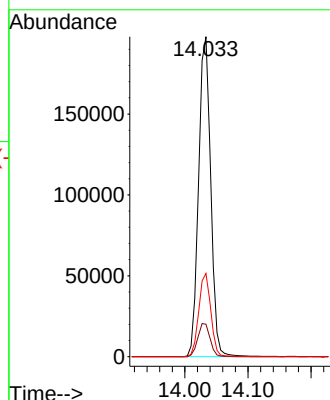
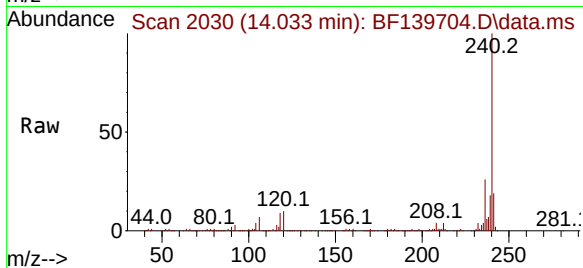
Tgt Ion:240 Resp: 263260

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 91.085 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139704.D

Acq: 08 Oct 2024 11:06

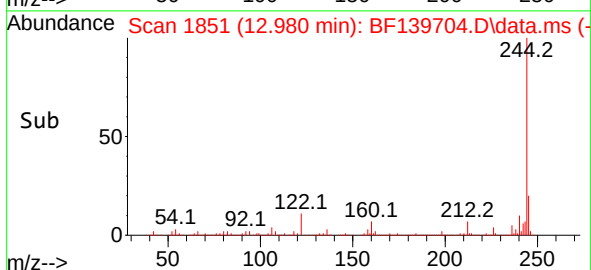
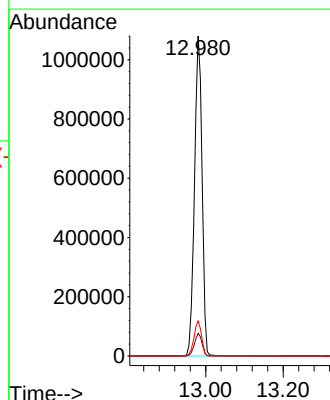
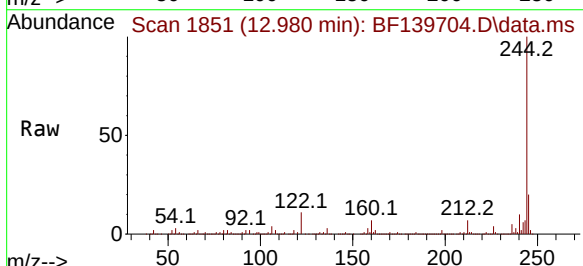
Tgt Ion:244 Resp: 1461389

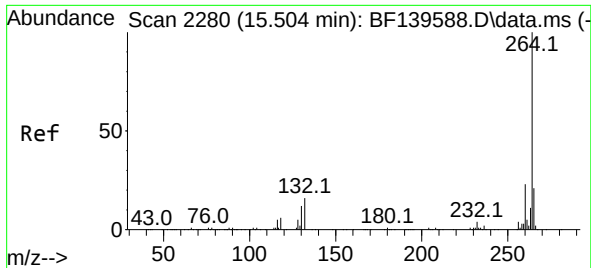
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139704.D
 Acq: 08 Oct 2024 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB163910TB

Tgt Ion:264 Resp: 196455
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.5 16.9 25.3

