

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139738.D
 Acq On : 10 Oct 2024 11:04
 Operator : RC/JU
 Sample : PB164011BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164011BL

Quant Time: Oct 10 11:53:04 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

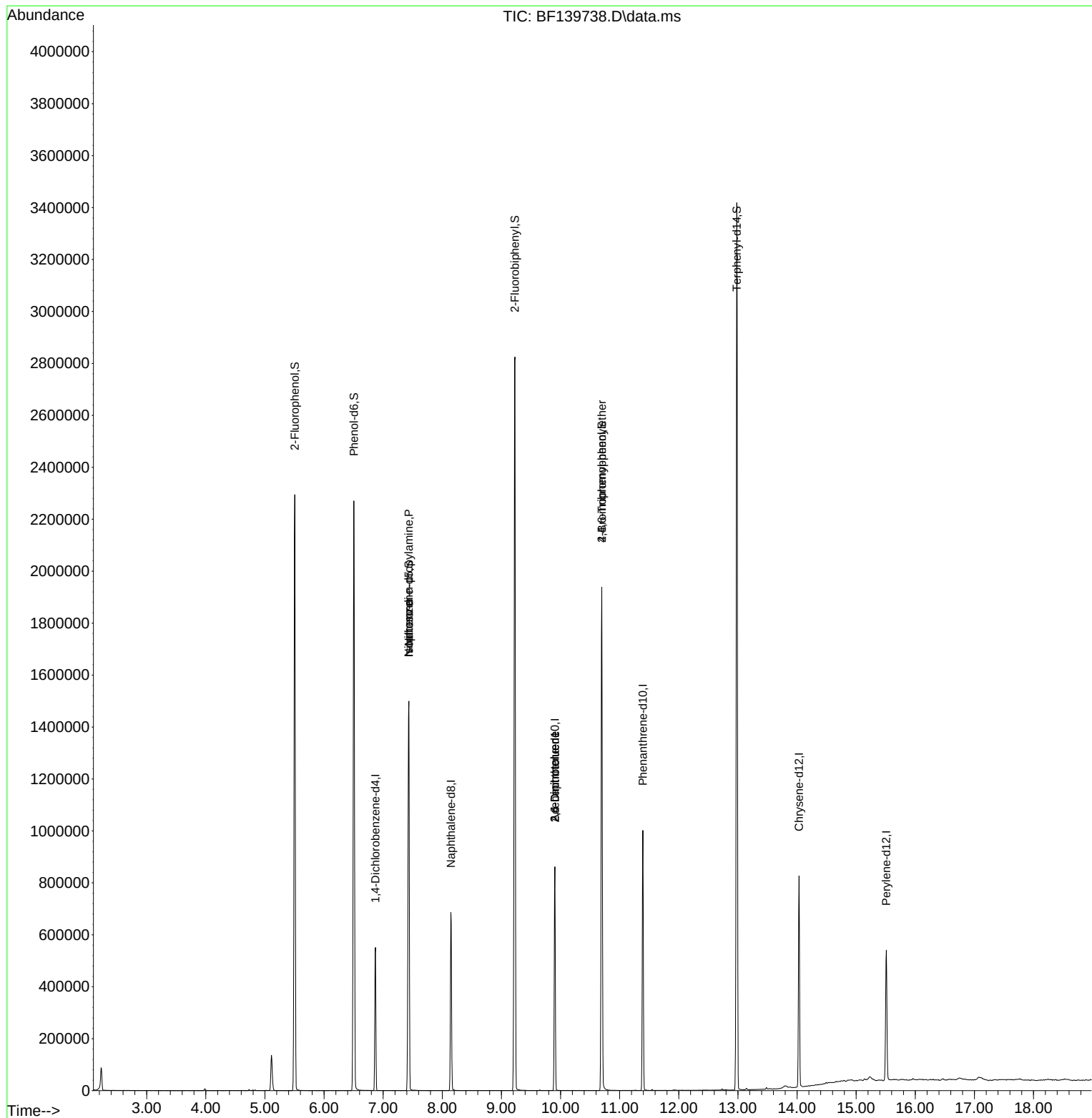
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	113971	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	437153	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	256984	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	521320	20.000	ng	0.00
76) Chrysene-d12	14.033	240	375941	20.000	ng	0.00
86) Perylene-d12	15.510	264	293210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	840554	127.830	ng	0.02
7) Phenol-d6	6.504	99	1092425	123.539	ng	0.00
23) Nitrobenzene-d5	7.434	82	719378	83.317	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	325125	131.058	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1366299	81.621	ng	0.00
79) Terphenyl-d14	12.980	244	1770482	77.274	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	97946	17.229	ng	# 76
25) Isophorone	7.434	82	714583	46.597	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	32395	8.525	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	32395	6.522	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	22243	4.161	ng	# 1

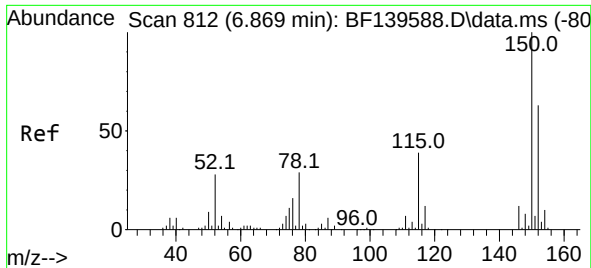
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

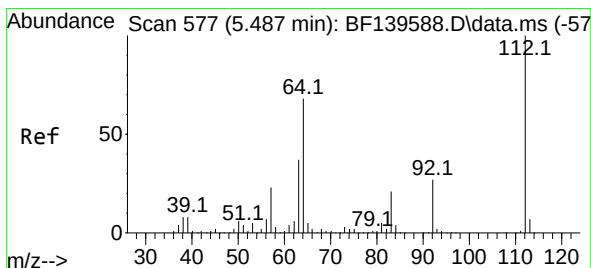
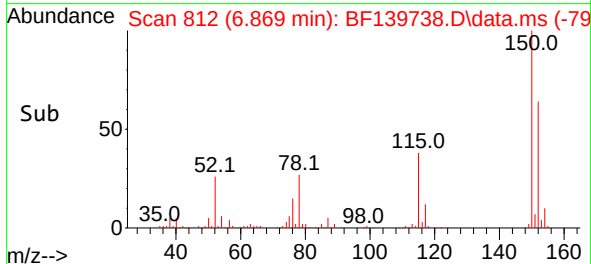
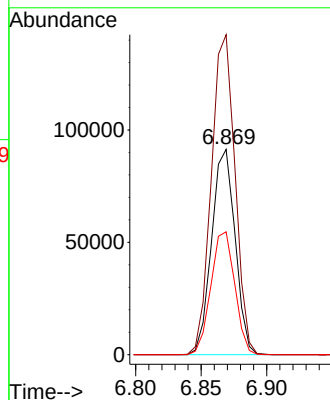
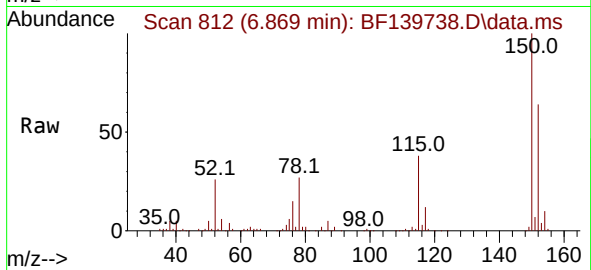




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

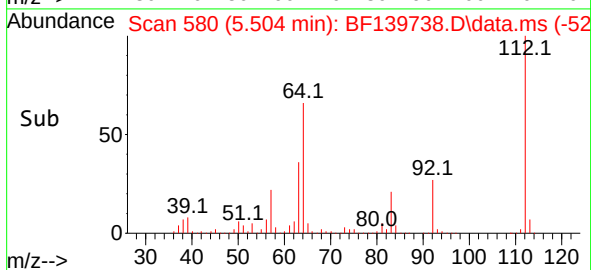
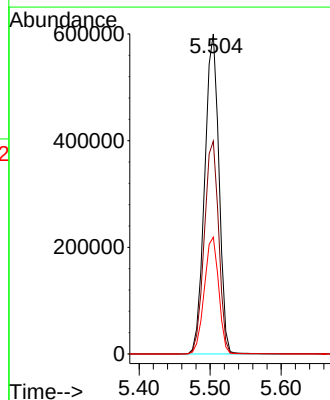
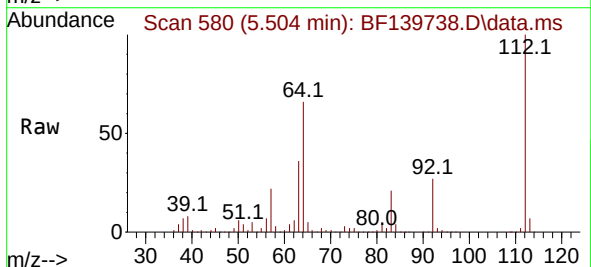
Instrument :
BNA_F
ClientSampleId :
PB164011BL

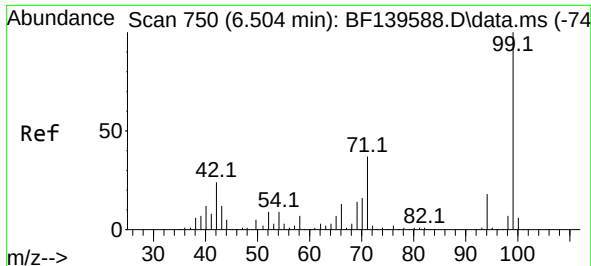
Tgt Ion:152 Resp: 113971
Ion Ratio Lower Upper
152 100
150 155.8 127.2 190.8
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 127.830 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion:112 Resp: 840554
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 36.5 29.4 44.2



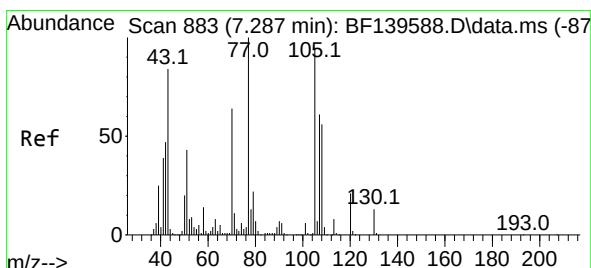
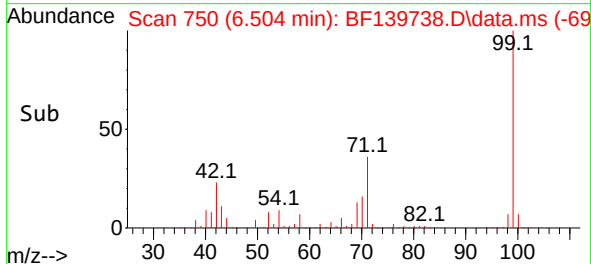
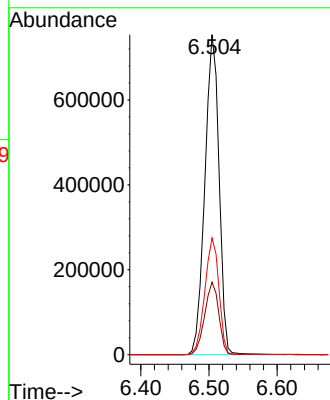
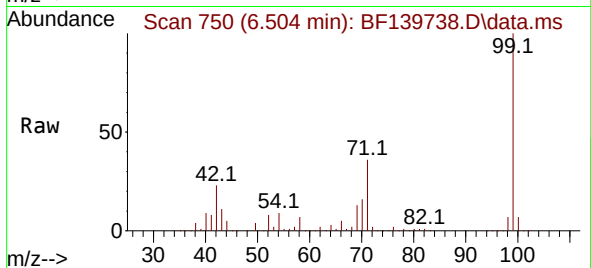


#7
Phenol-d6
Concen: 123.539 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB164011BL

Tgt Ion: 99 Resp: 1092425

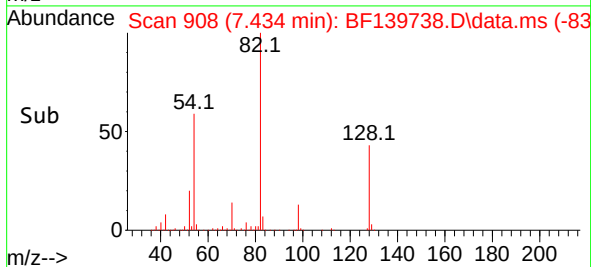
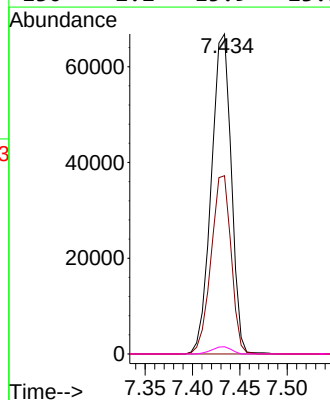
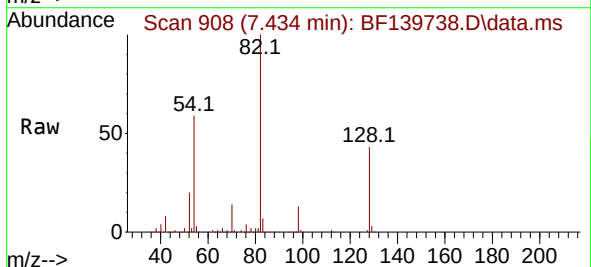
Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.1	28.7
71	36.5	29.7	44.5

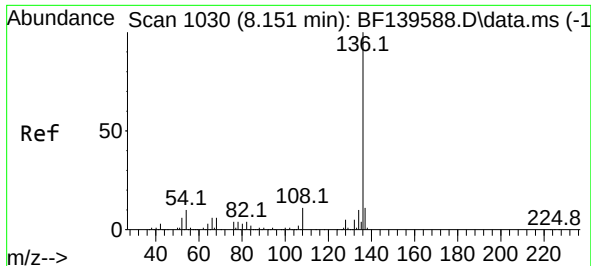


#19
n-Nitroso-di-n-propylamine
Concen: 17.229 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion: 70 Resp: 97946

Ion	Ratio	Lower	Upper
70	100		
42	55.7	58.0	87.0#
101	0.0	7.8	11.8#
130	2.2	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: BF139738.D
Acq: 10 Oct 2024 11:04

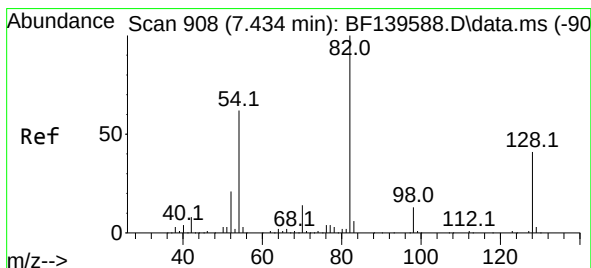
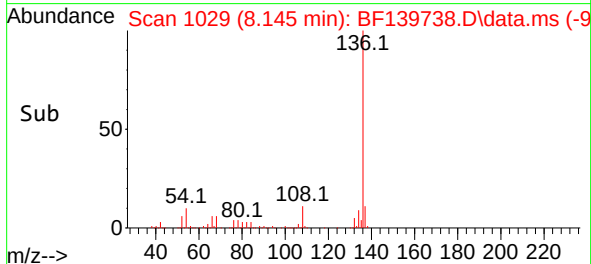
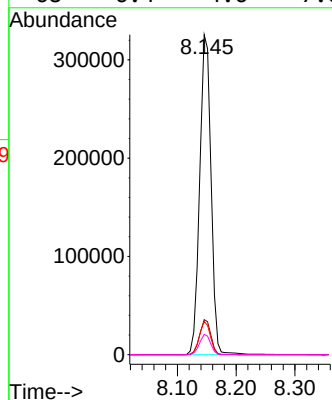
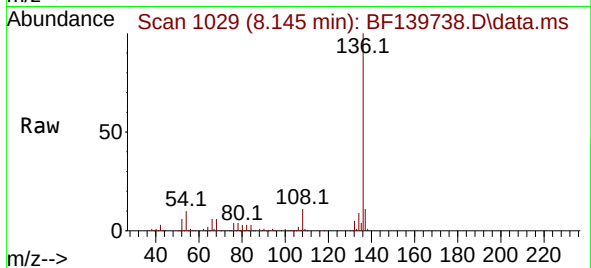
Instrument :

BNA_F

ClientSampleId :

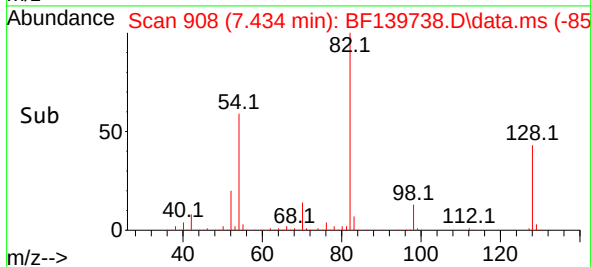
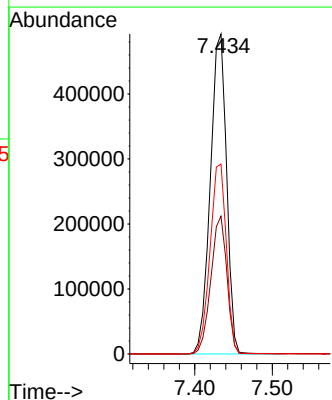
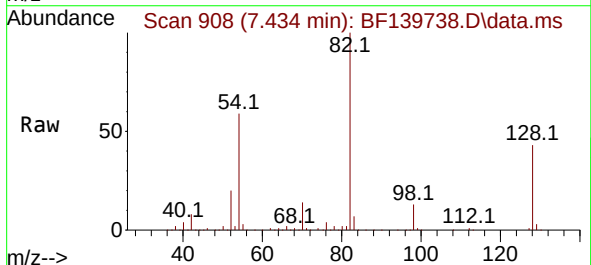
PB164011BL

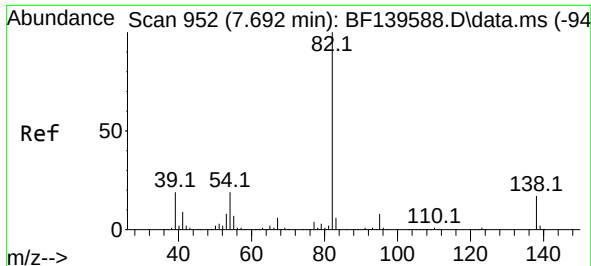
Tgt Ion:136 Resp: 437153
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.3 12.5
68 6.4 4.6 7.0



#23
Nitrobenzene-d5
Concen: 83.317 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion: 82 Resp: 719378
Ion Ratio Lower Upper
82 100
128 43.1 32.4 48.6
54 59.4 49.1 73.7

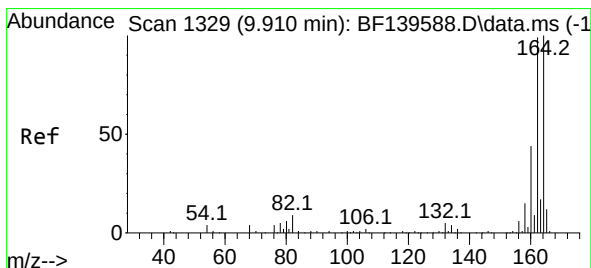
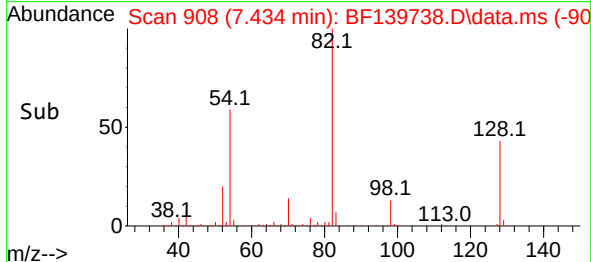
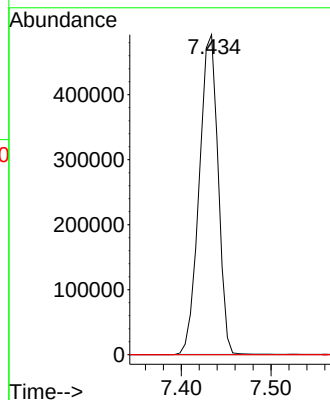
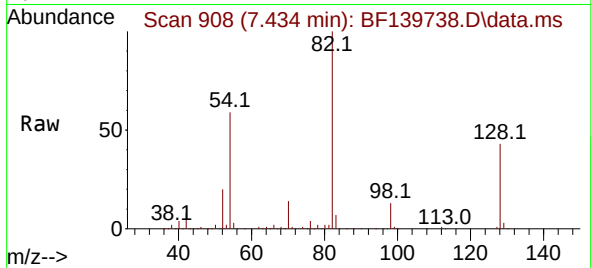




#25
Isophorone
Concen: 46.597 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

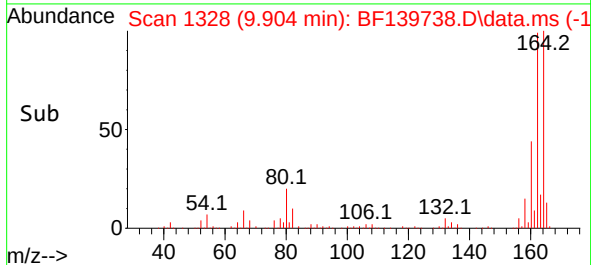
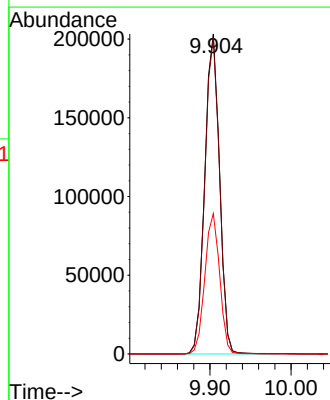
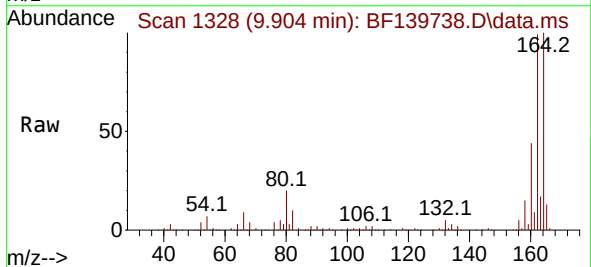
Instrument :
BNA_F
ClientSampleId :
PB164011BL

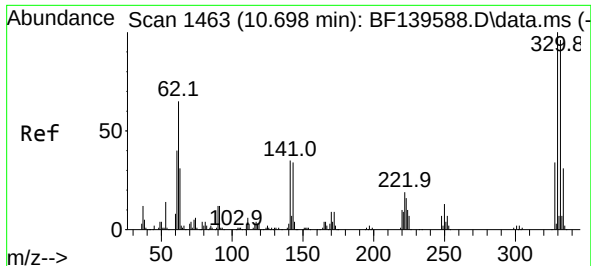
Tgt Ion: 82 Resp: 714583
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion:164 Resp: 256984
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 43.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 131.058 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB164011BL

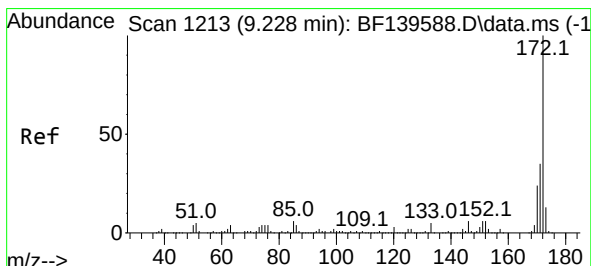
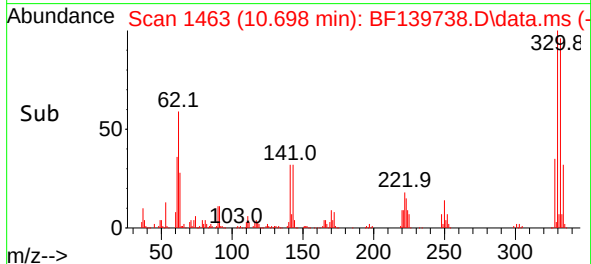
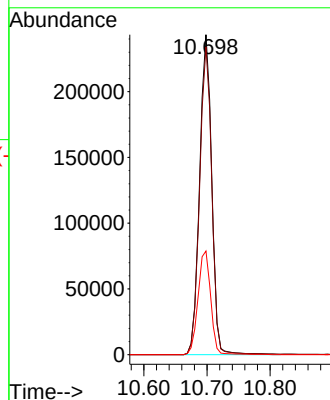
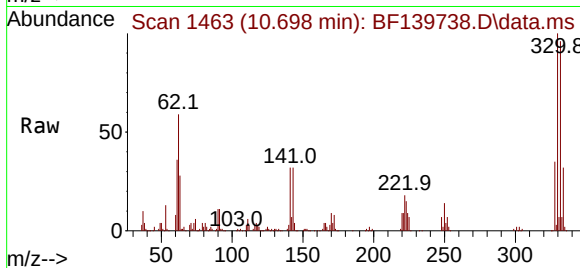
Tgt Ion:330 Resp: 325125

Ion Ratio Lower Upper

330 100

332 96.6 76.5 114.7

141 33.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 81.621 ng

RT: 9.228 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

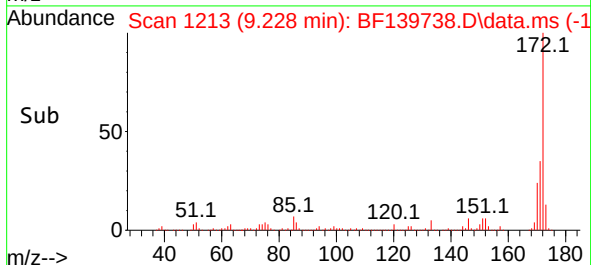
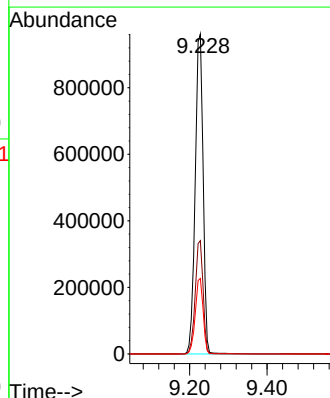
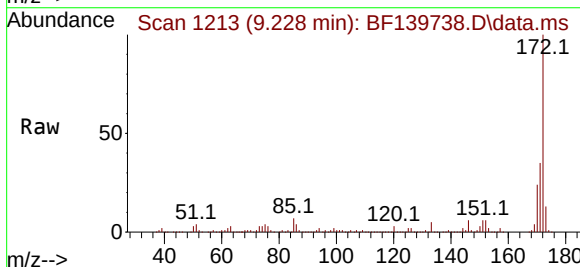
Tgt Ion:172 Resp: 1366299

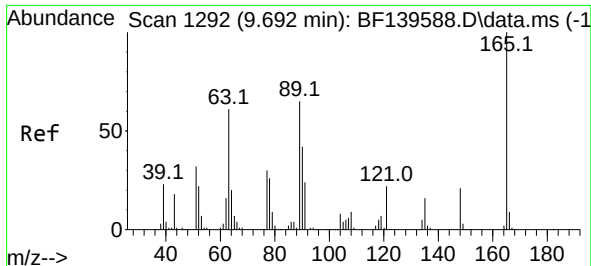
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.6 18.8 28.2

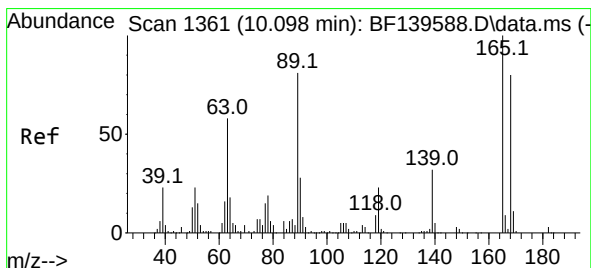
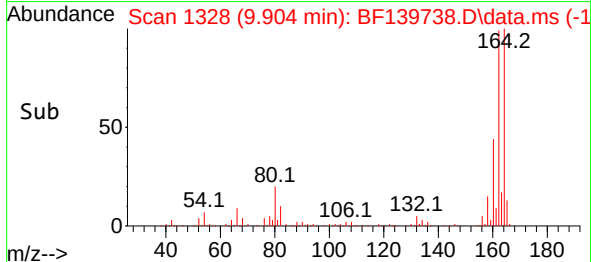
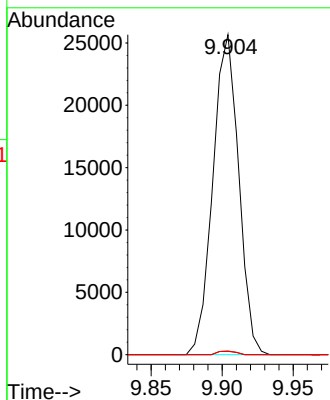
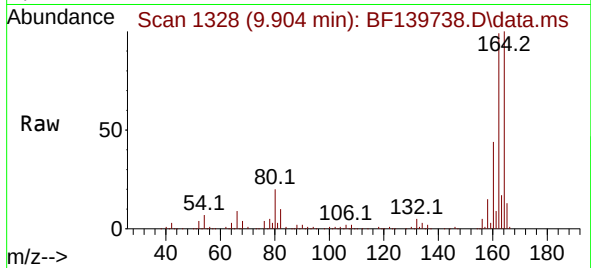




#51
2,6-Dinitrotoluene
Concen: 8.525 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

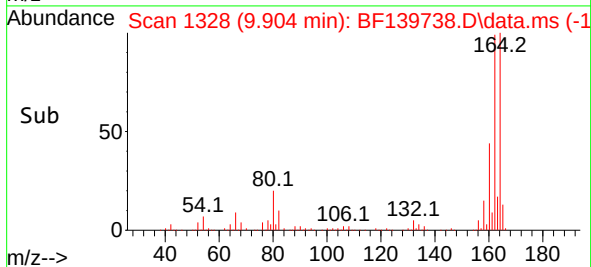
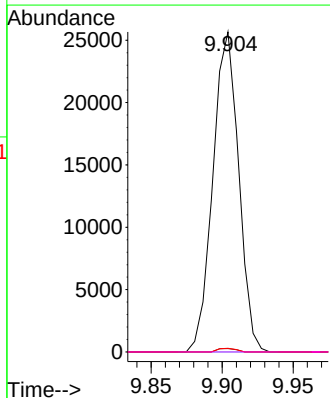
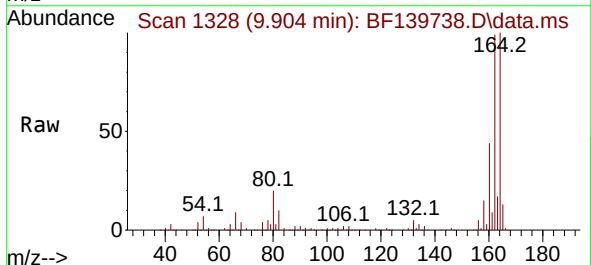
Instrument :
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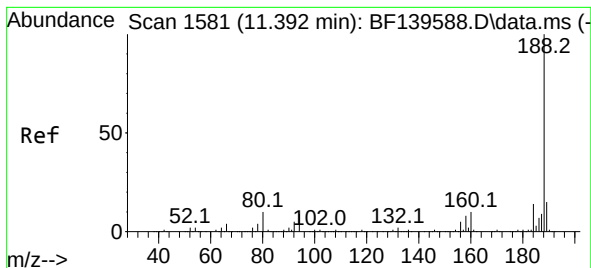
Tgt Ion:165 Resp: 32395
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.1 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion:165 Resp: 32395
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.1 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB164011BL

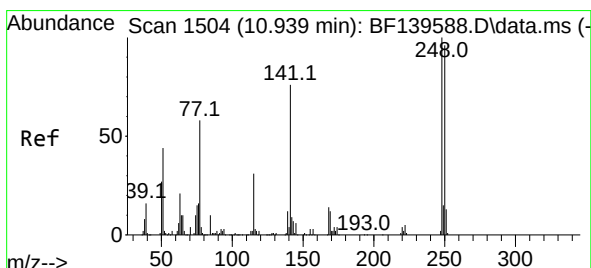
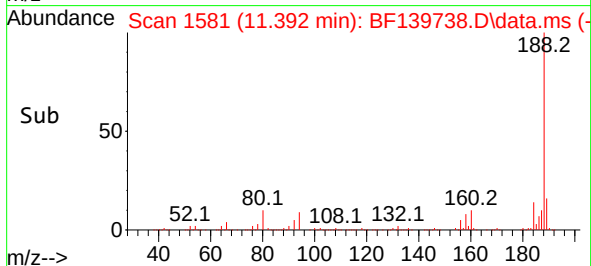
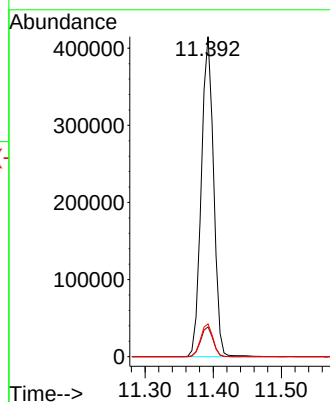
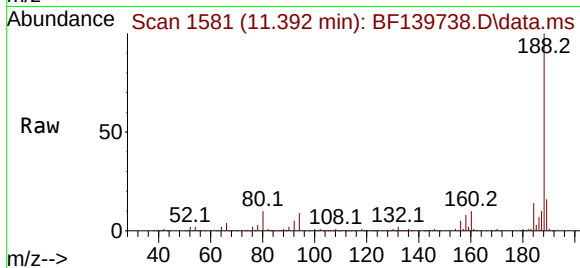
Tgt Ion:188 Resp: 521320

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.161 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

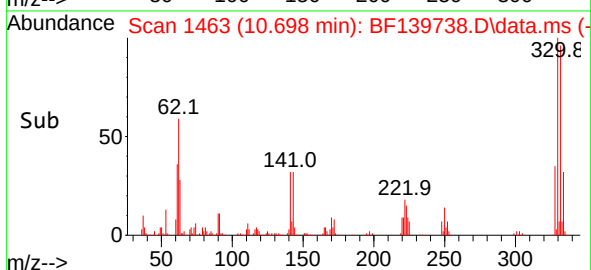
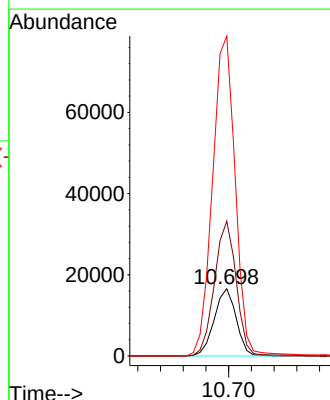
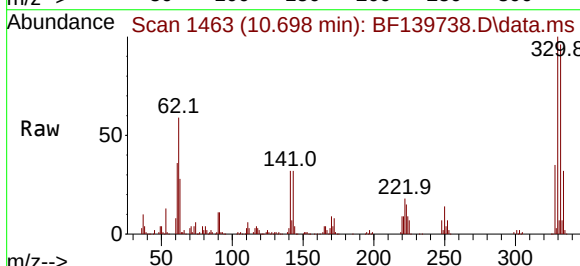
Tgt Ion:248 Resp: 22243

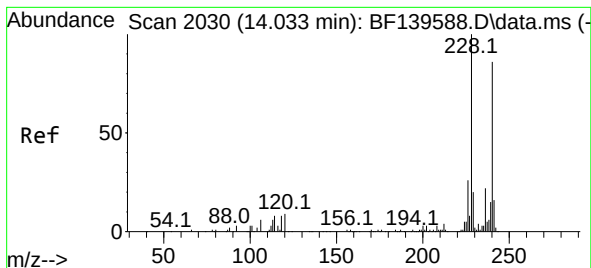
Ion Ratio Lower Upper

248 100

250 200.5 77.1 115.7#

141 476.3 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: BF139738.D

Acq: 10 Oct 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB164011BL

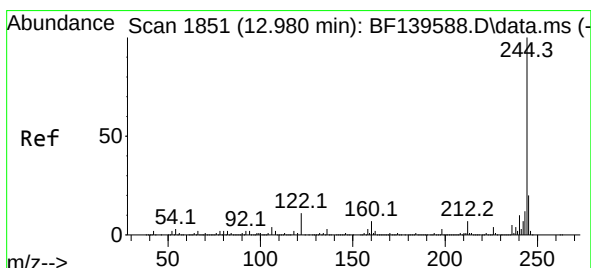
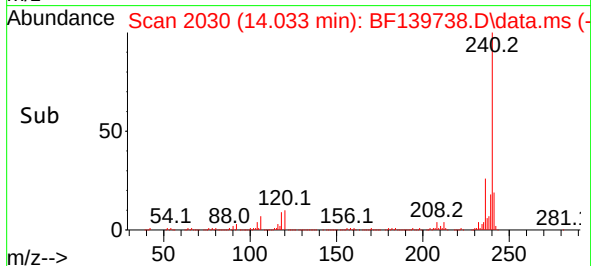
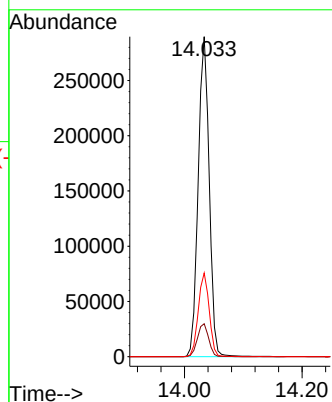
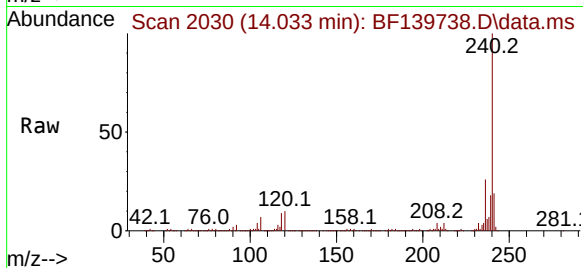
Tgt Ion:240 Resp: 375941

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 26.2 20.3 30.5



#79

Terphenyl-d14

Concen: 77.274 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

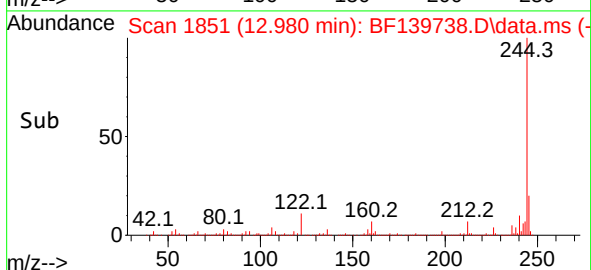
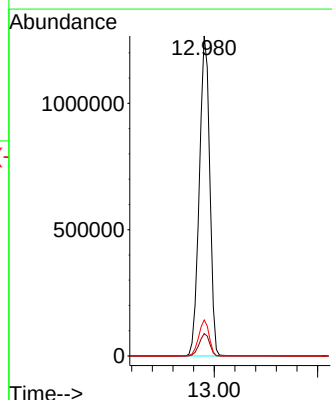
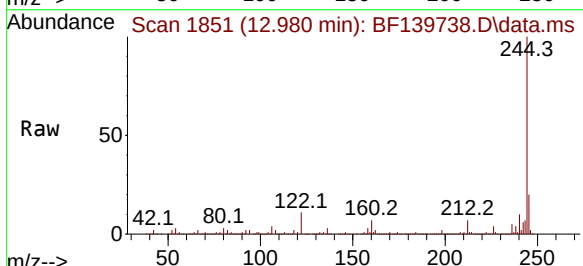
Tgt Ion:244 Resp: 1770482

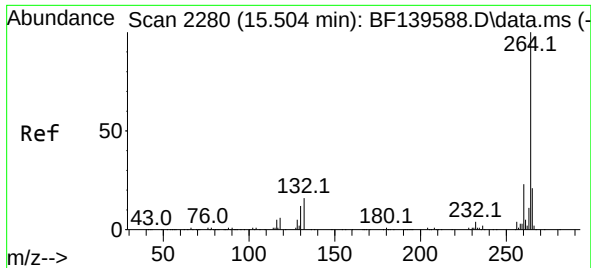
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

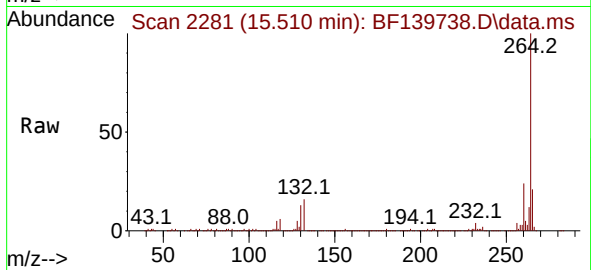
122 11.2 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139738.D
 Acq: 10 Oct 2024 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB164011BL



Tgt Ion:264 Resp: 293210
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.4 16.9 25.3

