

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139307.D
 Acq On : 10 Sep 2024 18:59
 Operator : RC/JU
 Sample : P3872-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W-07-202409

Quant Time: Sep 11 01:31:06 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)

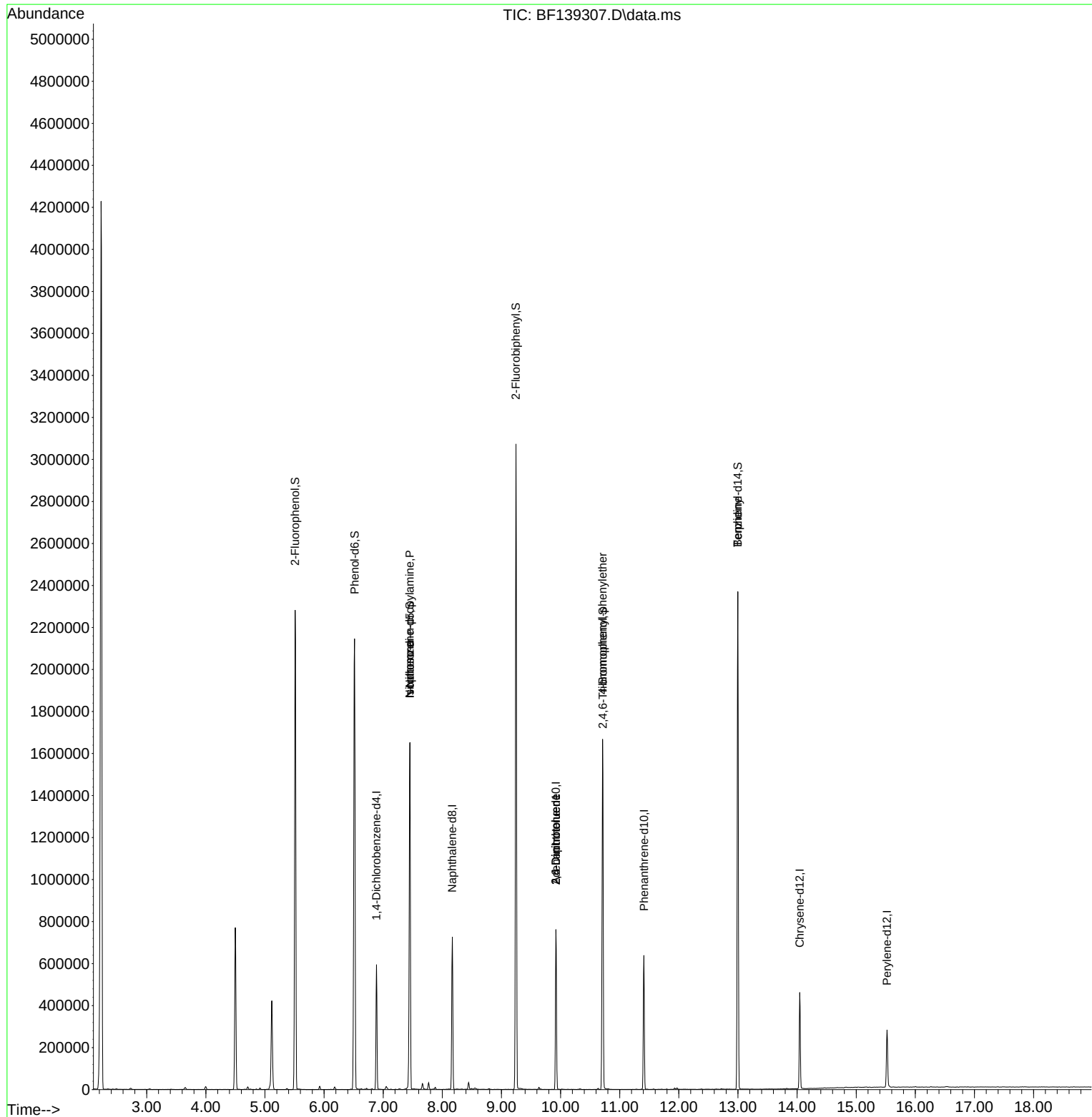
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	114546	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	423746	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	218204	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329221	20.000	ng	0.00
76) Chrysene-d12	14.045	240	210160	20.000	ng	0.00
86) Perylene-d12	15.521	264	156633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	805036	117.570	ng	0.00
7) Phenol-d6	6.516	99	1024850	112.116	ng	0.00
23) Nitrobenzene-d5	7.451	82	733005	89.990	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	256590	136.178	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1314501	92.992	ng	0.00
79) Terphenyl-d14	12.998	244	1143782	87.872	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	100863	19.159	ng	# 74
25) Isophorone	7.451	82	730098	52.427	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27778	9.258	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	27778	7.274	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	18099	5.666	ng	# 1
77) Benzidine	12.998	184	15996	3.780	ng	# 90

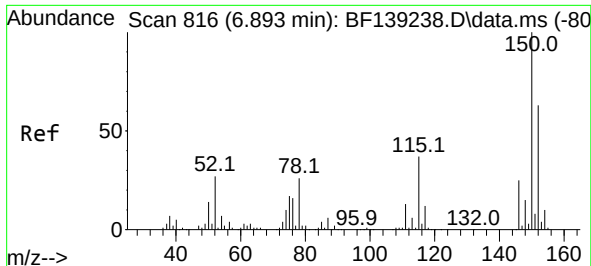
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

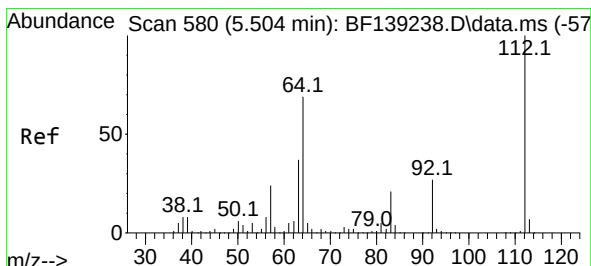
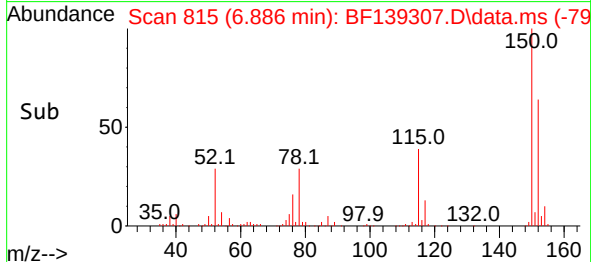
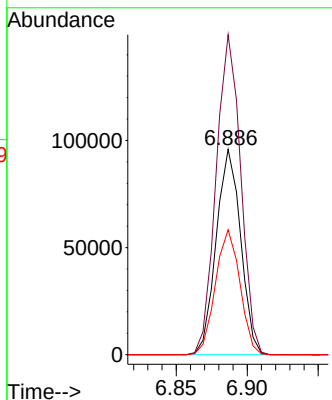
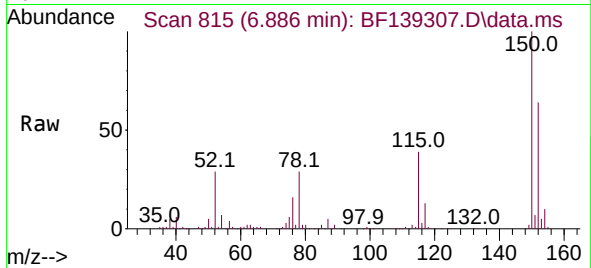




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

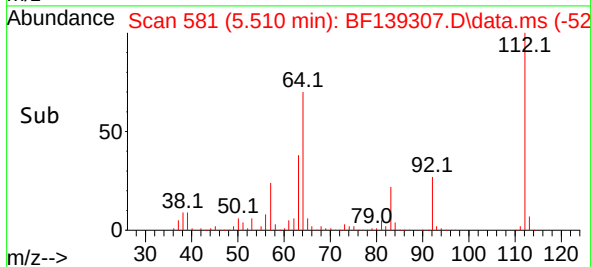
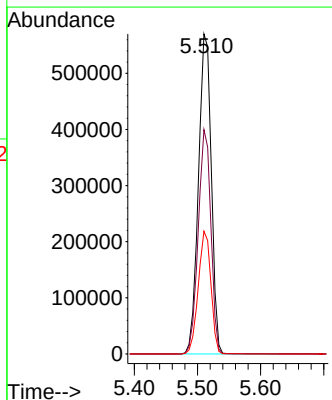
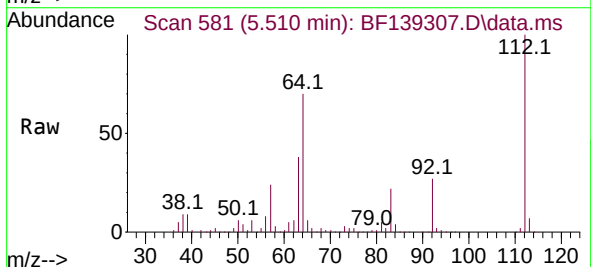
Instrument :
BNA_F
ClientSampleId :
WC-W-07-202409

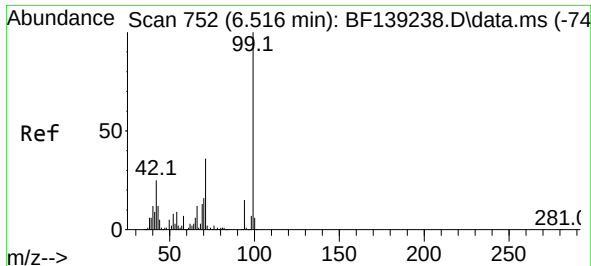
Tgt Ion:152 Resp: 114546
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.4
115 60.9 46.9 70.3



#5
2-Fluorophenol
Concen: 117.570 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

Tgt Ion:112 Resp: 805036
Ion Ratio Lower Upper
112 100
64 70.1 55.0 82.4
63 38.4 29.9 44.9





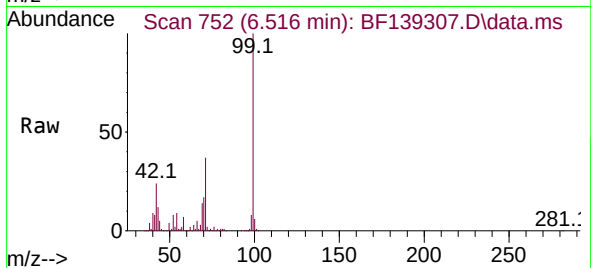
#7
Phenol-d6
Concen: 112.116 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

Instrument :

BNA_F

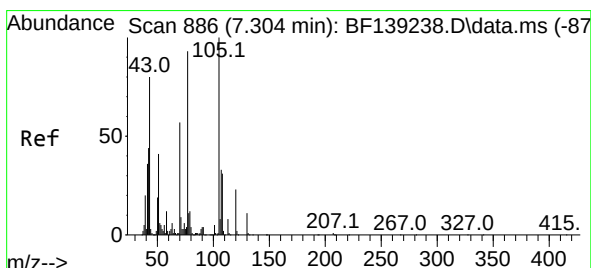
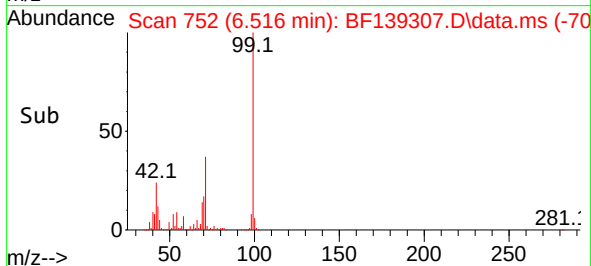
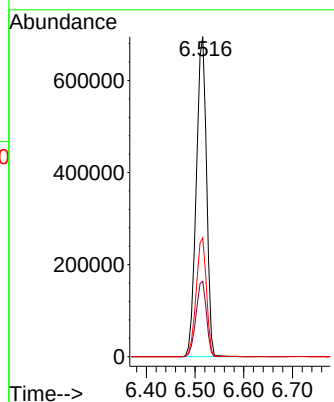
ClientSampleId :

WC-W-07-202409



Tgt Ion: 99 Resp: 1024850

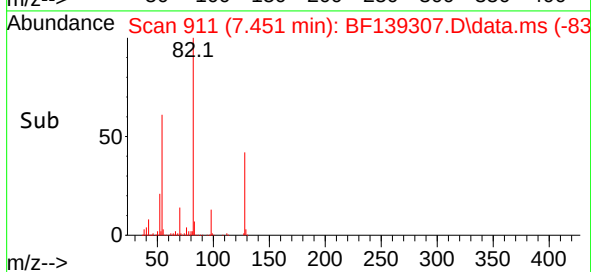
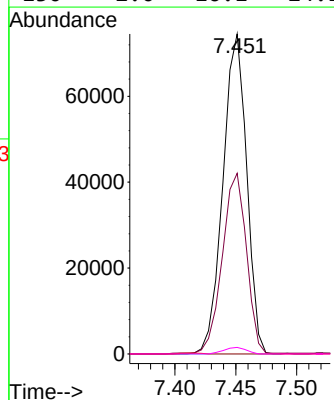
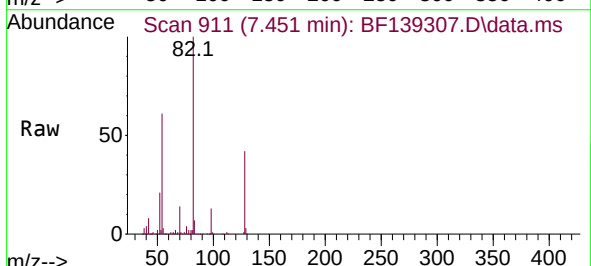
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.6
71	37.1	28.8	43.2

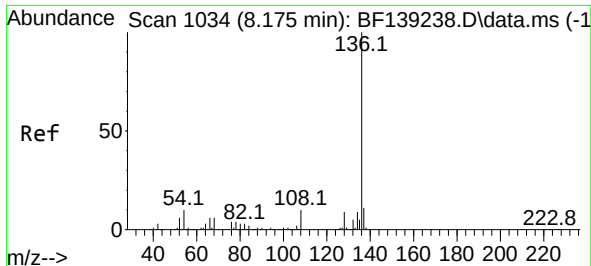


#19
n-Nitroso-di-n-propylamine
Concen: 19.159 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

Tgt Ion: 70 Resp: 100863

Ion	Ratio	Lower	Upper
70	100		
42	56.5	61.0	91.6#
101	0.0	7.2	10.8#
130	2.0	16.1	24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF139307.D

Acq: 10 Sep 2024 18:59

Instrument :

BNA_F

ClientSampleId :

WC-W-07-202409

Tgt Ion:136 Resp: 423746

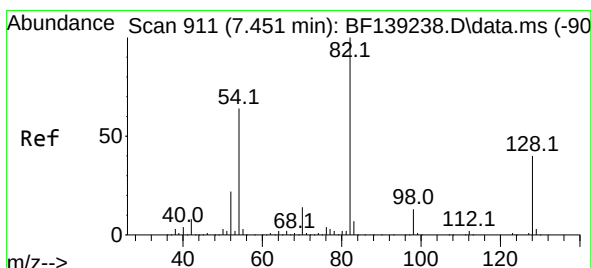
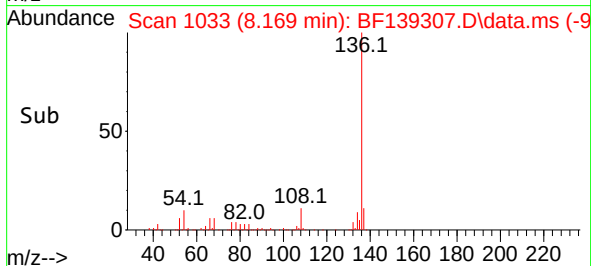
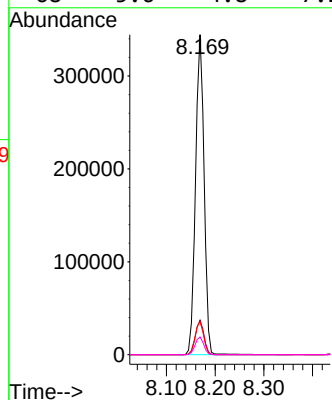
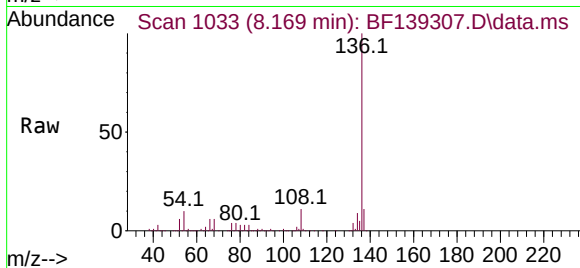
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.2 8.4 12.6

68 5.6 4.8 7.2



#23

Nitrobenzene-d5

Concen: 89.990 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139307.D

Acq: 10 Sep 2024 18:59

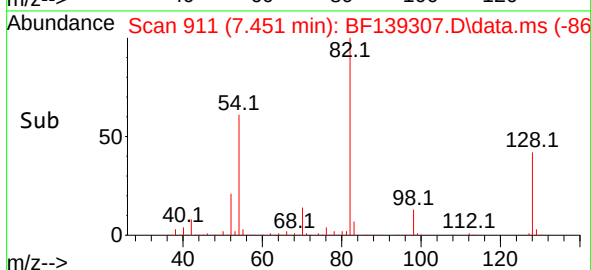
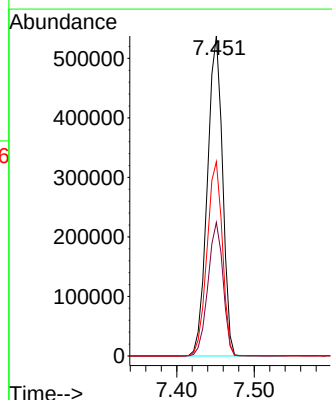
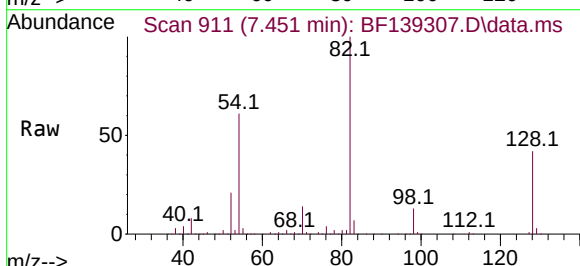
Tgt Ion: 82 Resp: 733005

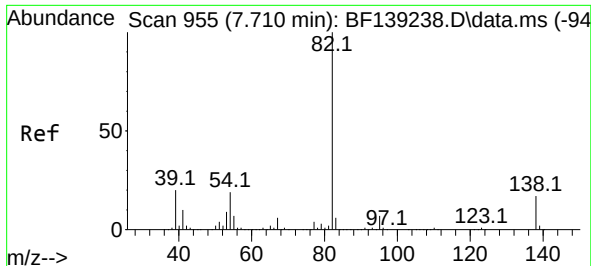
Ion Ratio Lower Upper

82 100

128 41.7 32.3 48.5

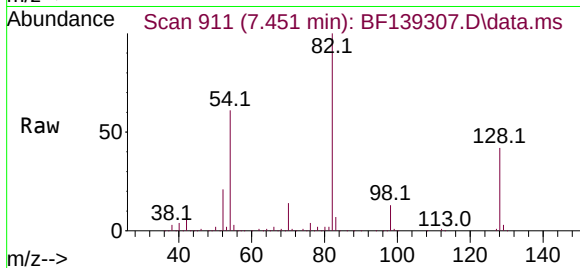
54 60.7 51.2 76.8



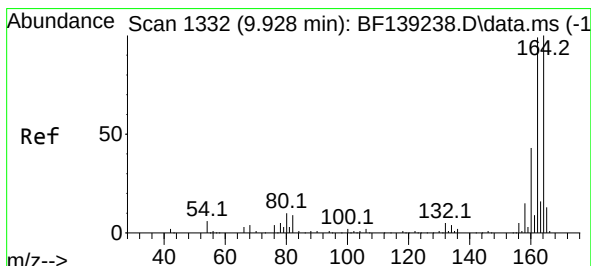
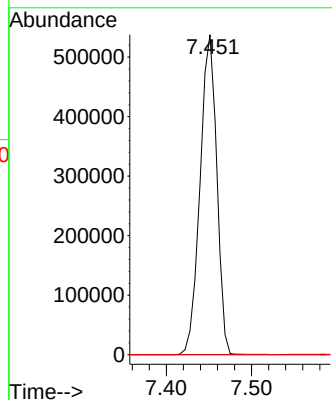
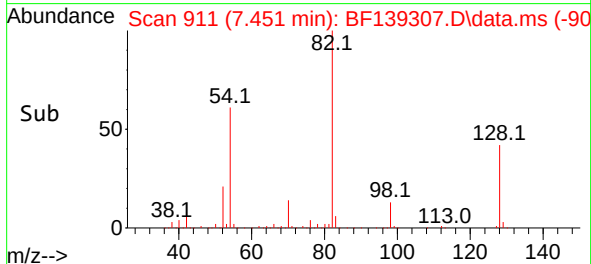


#25
Isophorone
Concen: 52.427 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

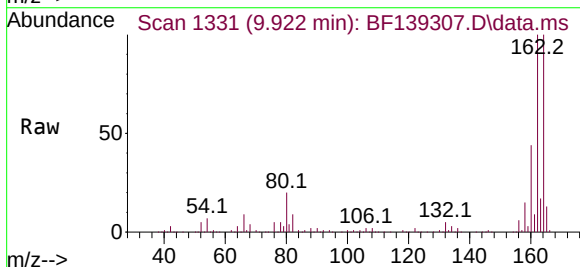
Instrument :
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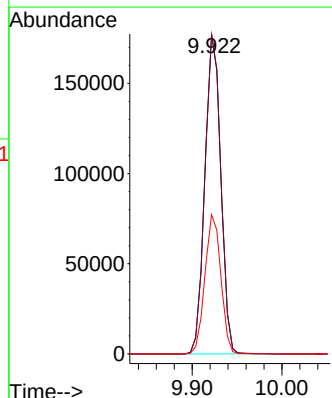
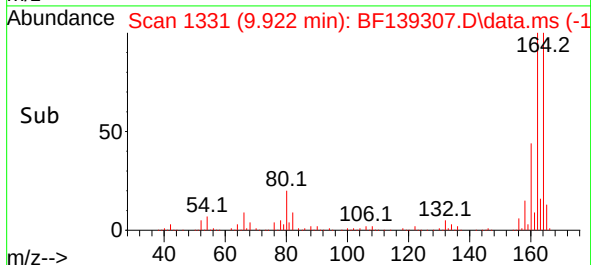
Tgt Ion: 82 Resp: 730098
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#

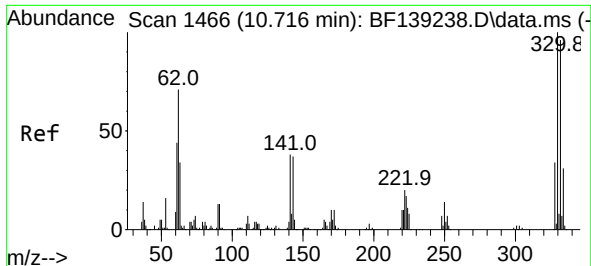


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59



Tgt Ion:164 Resp: 218204
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 136.178 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139307.D

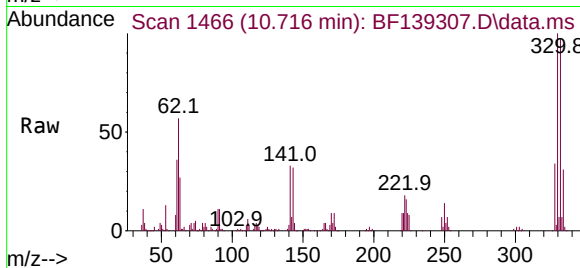
Acq: 10 Sep 2024 18:59

Instrument :

BNA_F

ClientSampleId :

WC-W-07-202409



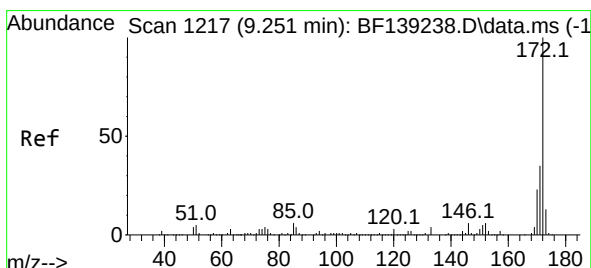
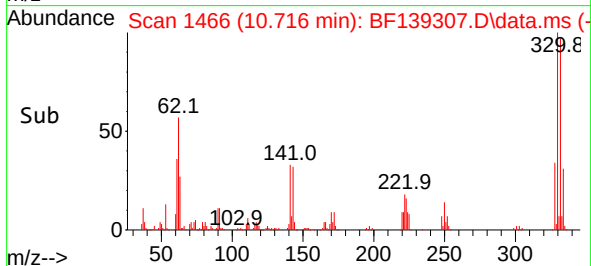
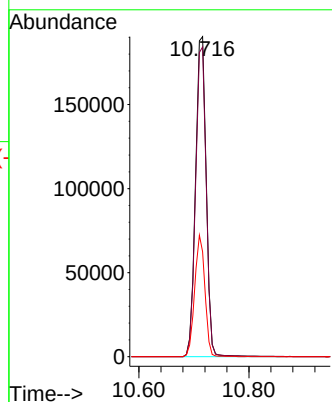
Tgt Ion:330 Resp: 256590

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 36.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 92.992 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139307.D

Acq: 10 Sep 2024 18:59

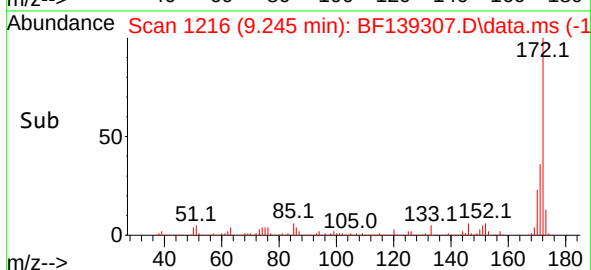
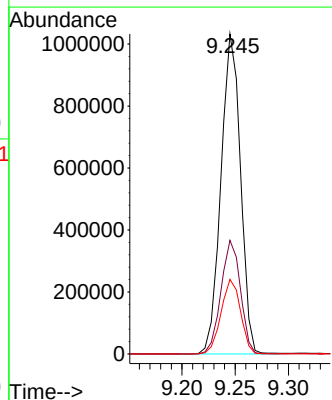
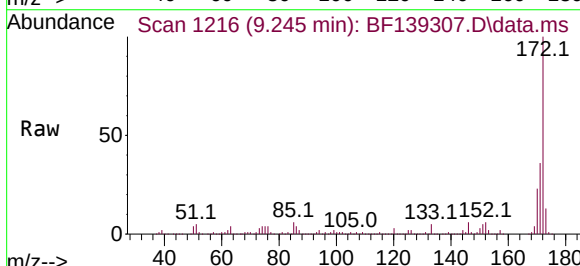
Tgt Ion:172 Resp: 1314501

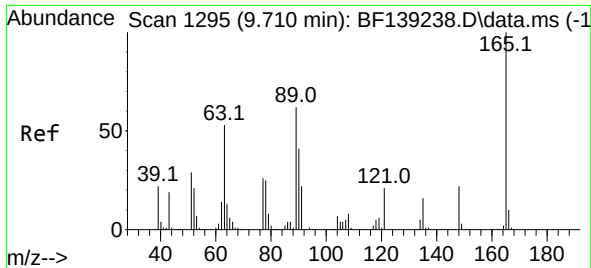
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.7 28.1

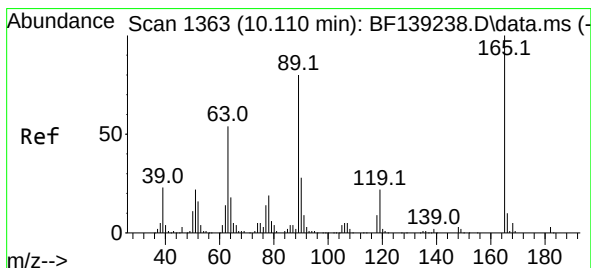
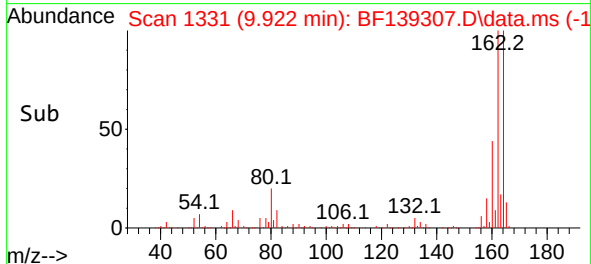
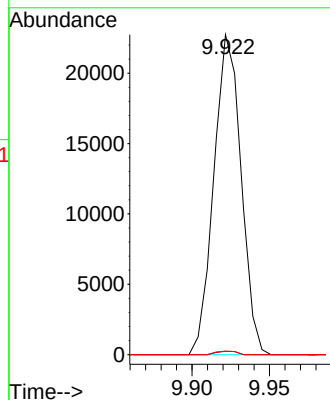
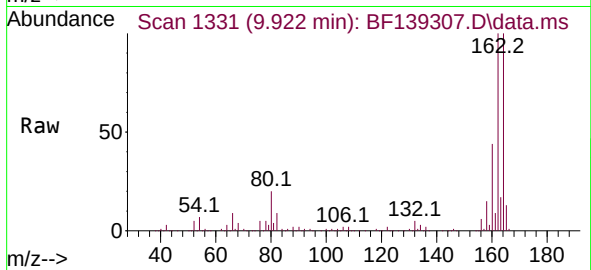




#51
2,6-Dinitrotoluene
Concen: 9.258 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

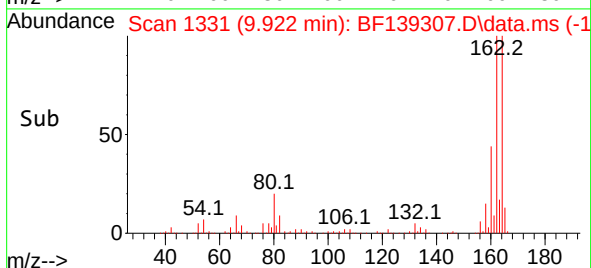
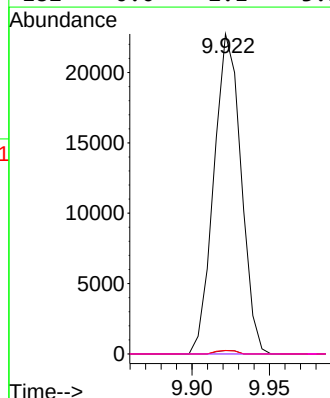
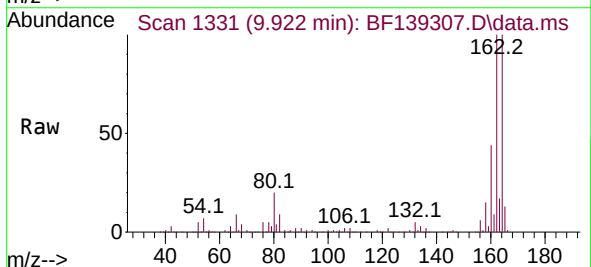
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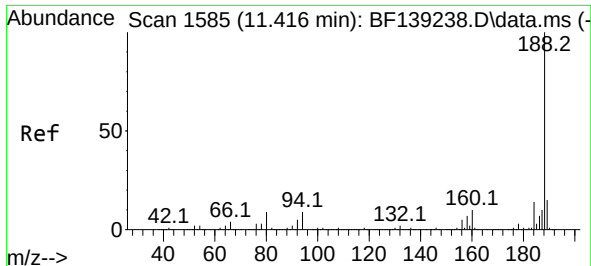
Tgt Ion:165 Resp: 27778
Ion Ratio Lower Upper
165 100
63 1.0 56.1 84.1#
89 1.1 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.274 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

Tgt Ion:165 Resp: 27778
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.1 64.2 96.4#
182 0.0 2.1 3.1#

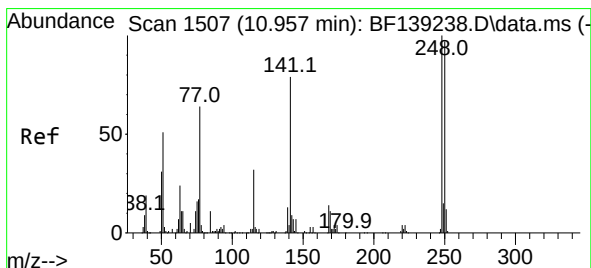
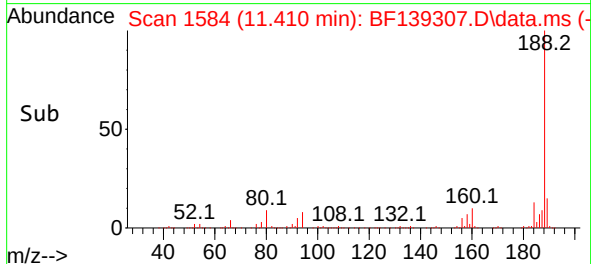
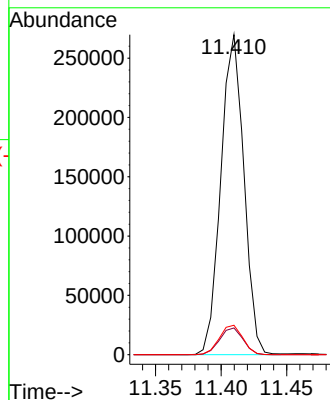
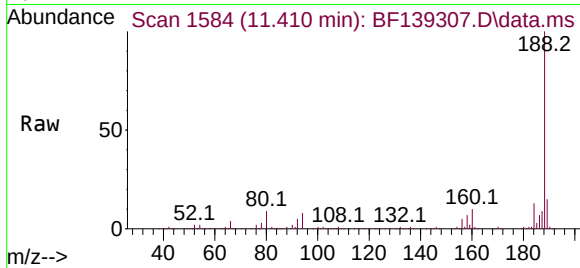




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

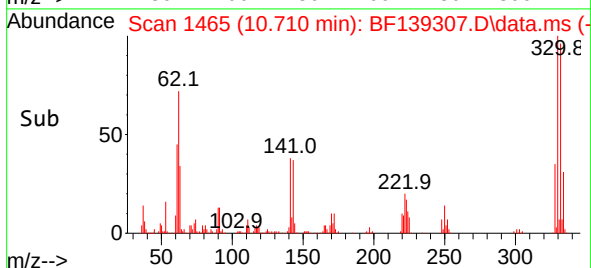
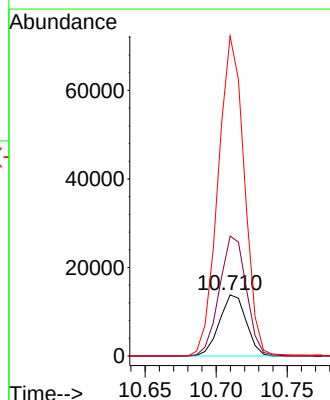
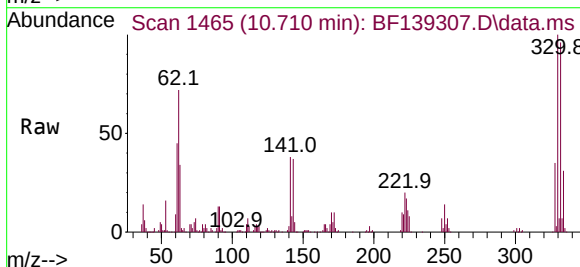
Instrument :
BNA_F
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WC-W-07-202409

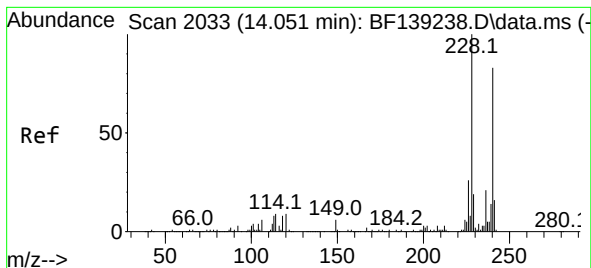
Tgt Ion:188 Resp: 329221
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.2 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 5.666 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139307.D
Acq: 10 Sep 2024 18:59

Tgt Ion:248 Resp: 18099
Ion Ratio Lower Upper
248 100
250 196.0 77.2 115.8#
141 523.4 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: BF139307.D

Acq: 10 Sep 2024 18:59

Instrument :

BNA_F

ClientSampleId :

WC-W-07-202409

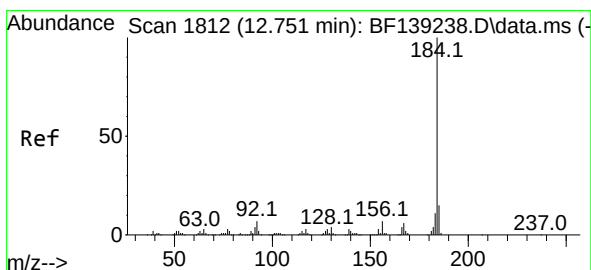
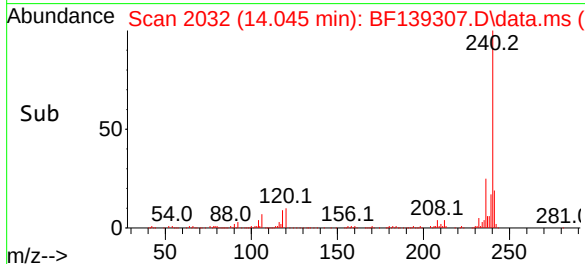
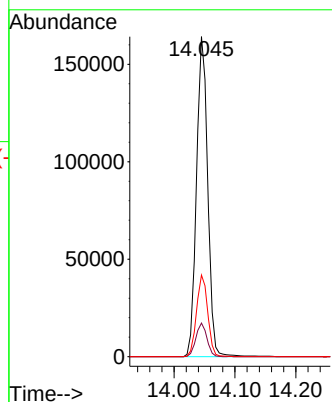
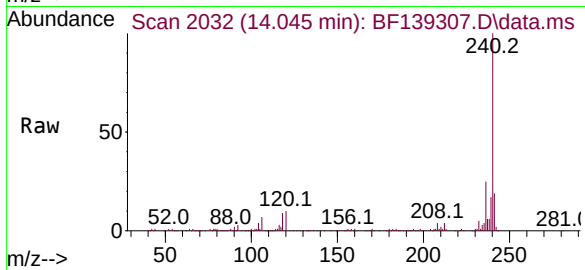
Tgt Ion:240 Resp: 210160

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: 3.780 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF139307.D

Acq: 10 Sep 2024 18:59

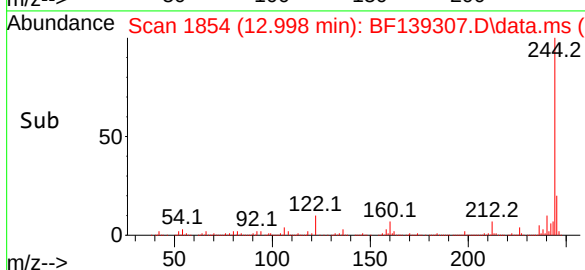
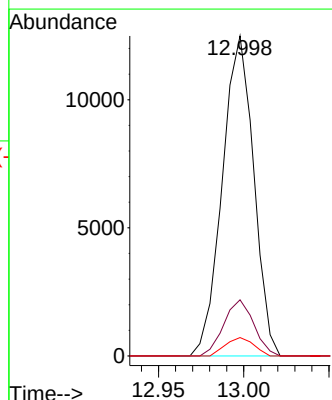
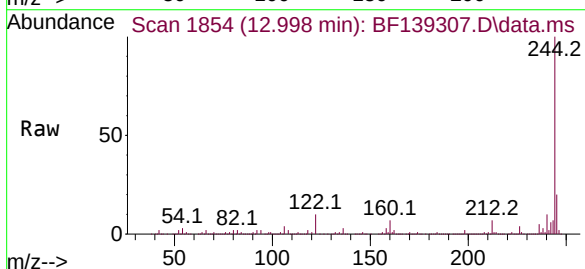
Tgt Ion:184 Resp: 15996

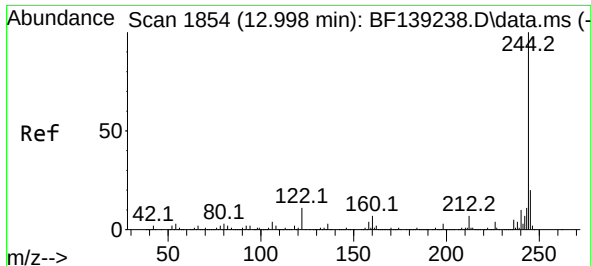
Ion Ratio Lower Upper

184 100

185 17.5 11.9 17.9

183 5.8 8.8 13.2#

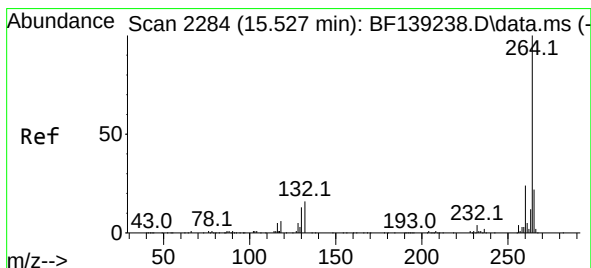
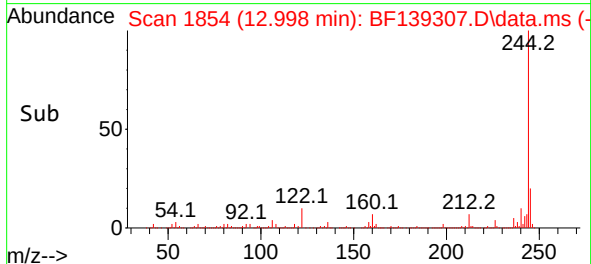
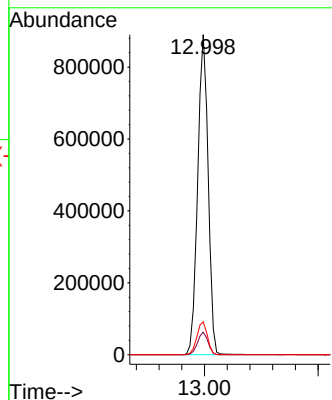
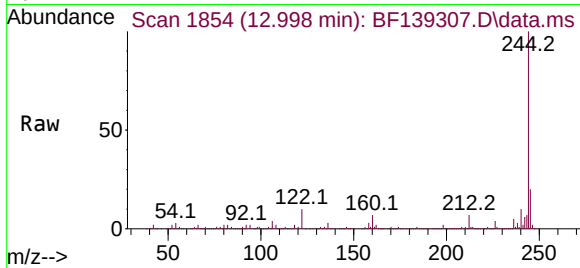




#79
 Terphenyl-d14
 Concen: 87.872 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139307.D
 Acq: 10 Sep 2024 18:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-W-07-202409

Tgt Ion:244 Resp: 1143782
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.3 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF139307.D
 Acq: 10 Sep 2024 18:59

Tgt Ion:264 Resp: 156633
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.8 17.3 25.9

