

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139304.D
 Acq On : 10 Sep 2024 17:28
 Operator : RC/JU
 Sample : P3872-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 11 01:29:30 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)

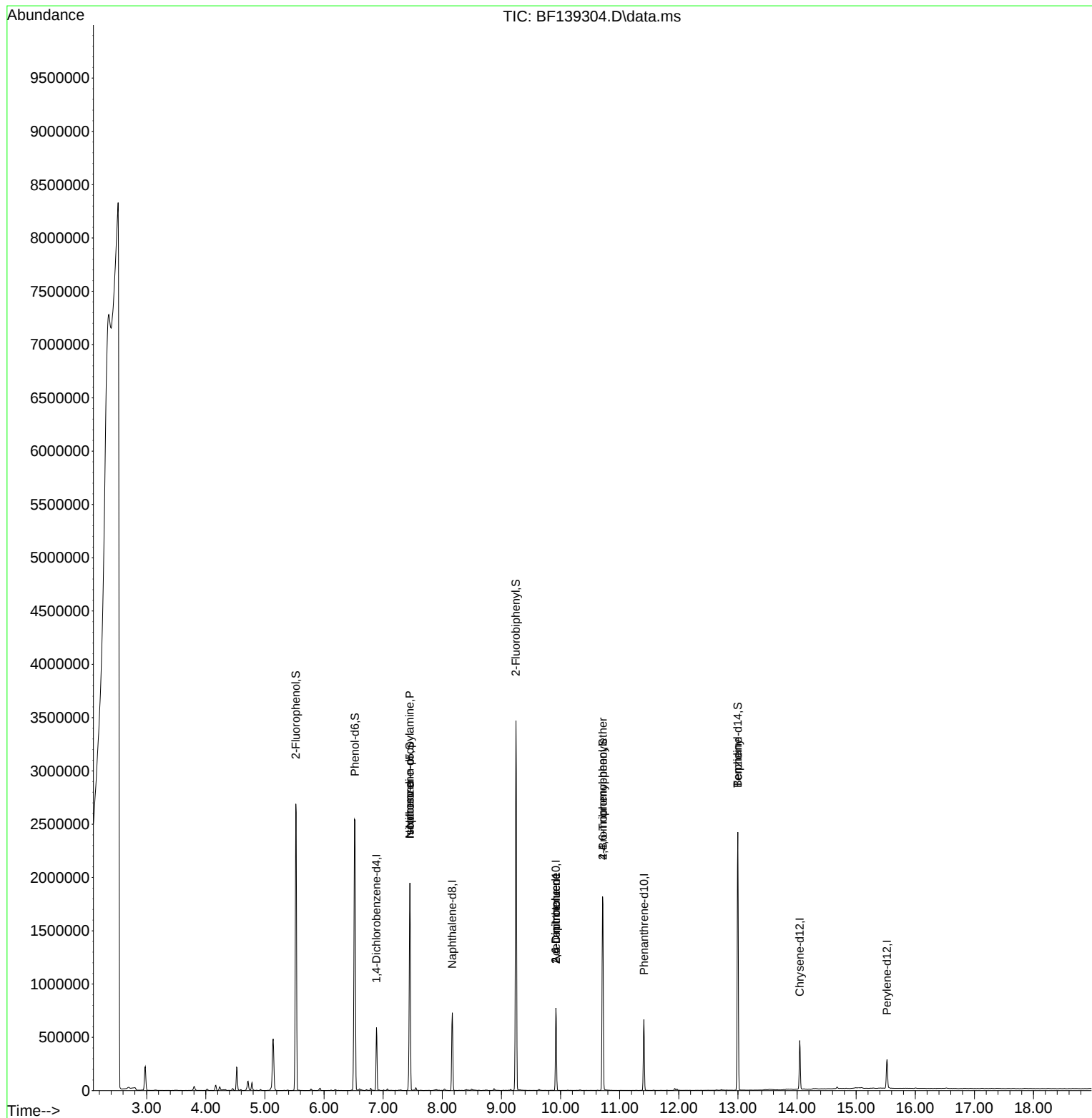
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	116662	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	426223	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224010	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	340765	20.000	ng	0.00
76) Chrysene-d12	14.045	240	205850	20.000	ng	0.00
86) Perylene-d12	15.521	264	156319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	996532	142.897	ng	0.02
7) Phenol-d6	6.522	99	1300693	139.711	ng	0.00
23) Nitrobenzene-d5	7.451	82	872788	106.528	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	290835	150.352	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1539498	106.086	ng	0.00
79) Terphenyl-d14	12.998	244	1178067	92.401	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	121273	22.617	ng	# 75
25) Isophorone	7.451	82	870089	62.117	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	28884	9.377	ng	# 19
57) 2,4-Dinitrotoluene	9.922	165	28884	7.368	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	20312	6.144	ng	# 1
77) Benzidine	12.998	184	16073	3.878	ng	# 92

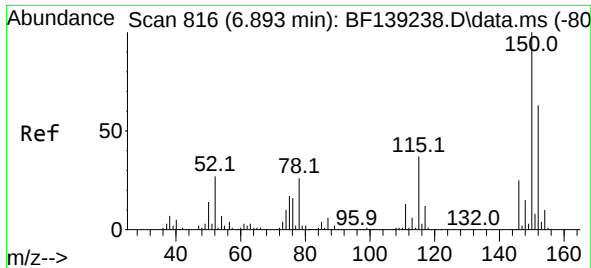
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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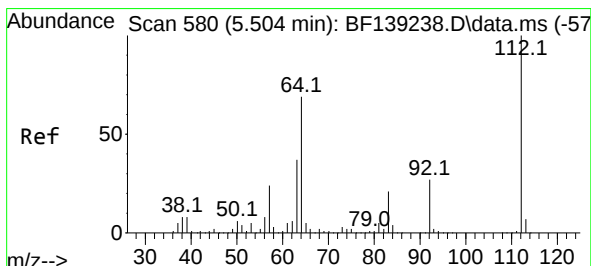
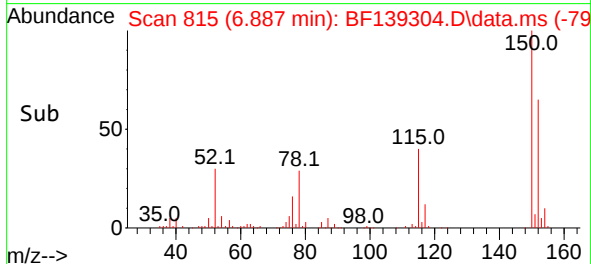
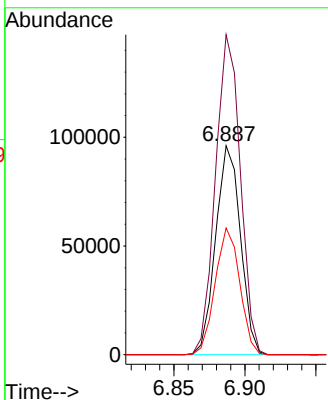
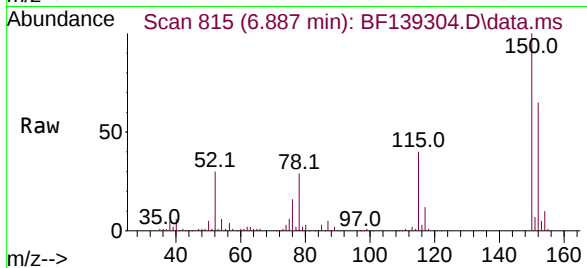




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

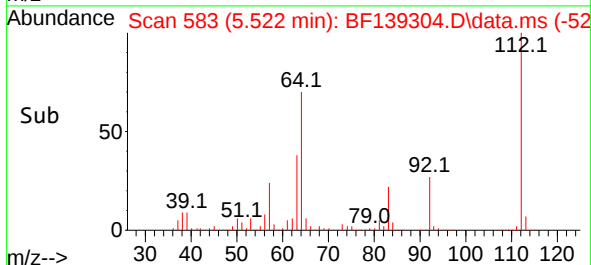
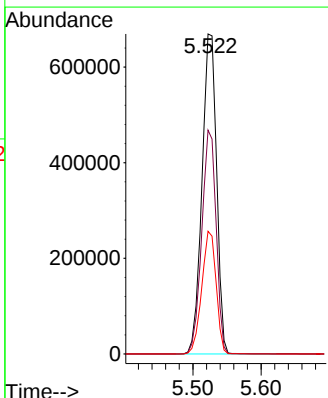
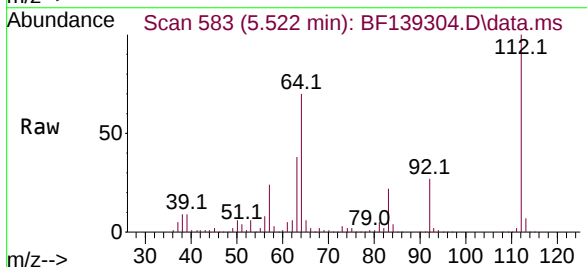
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

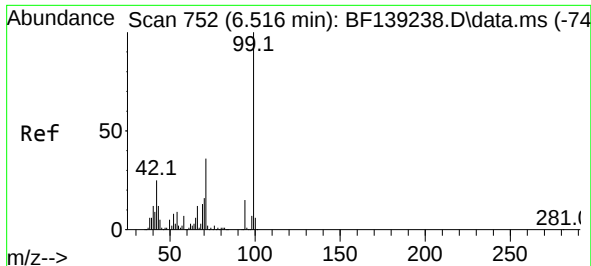
Tgt Ion:152 Resp: 116662
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.4
115 60.6 46.9 70.3



#5
2-Fluorophenol
Concen: 142.897 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion:112 Resp: 996532
Ion Ratio Lower Upper
112 100
64 70.0 55.0 82.4
63 38.3 29.9 44.9

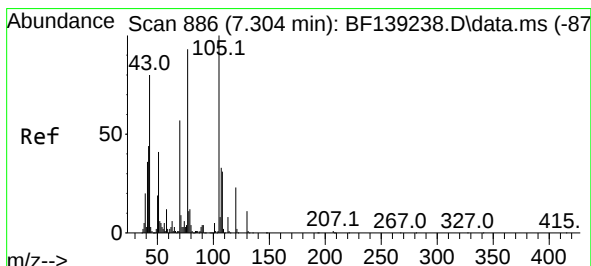
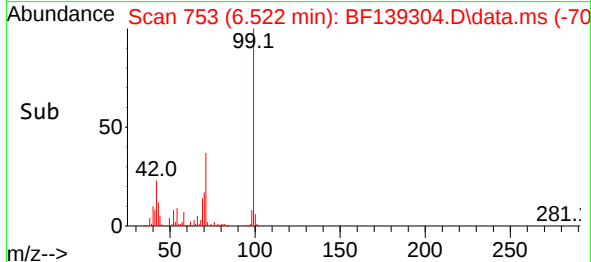
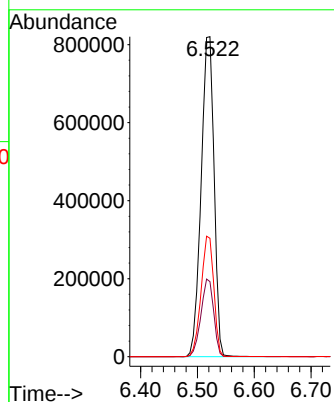
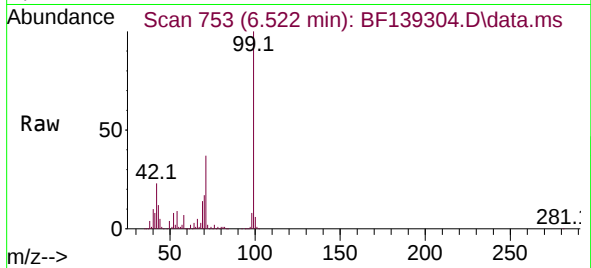




#7
Phenol-d6
Concen: 139.711 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

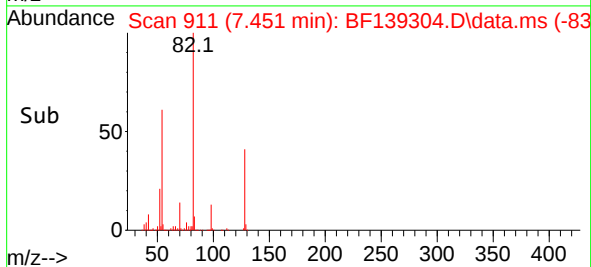
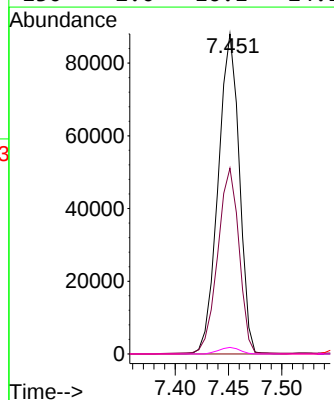
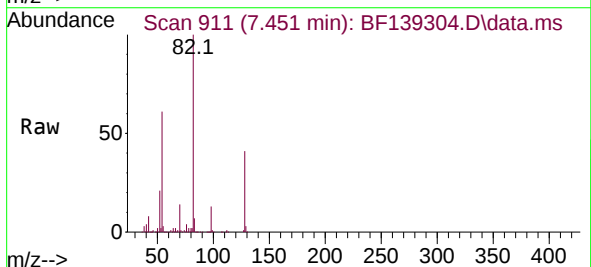
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

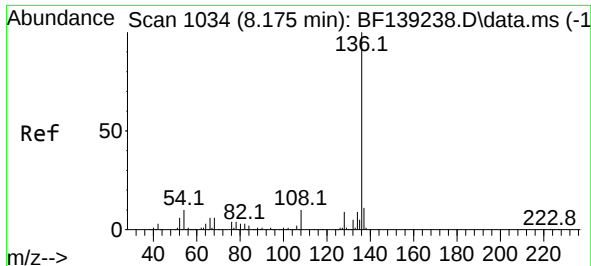
Tgt Ion: 99 Resp: 1300693
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 37.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.617 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 70 Resp: 121273
Ion Ratio Lower Upper
70 100
42 58.1 61.0 91.6#
101 0.0 7.2 10.8#
130 2.0 16.1 24.1#



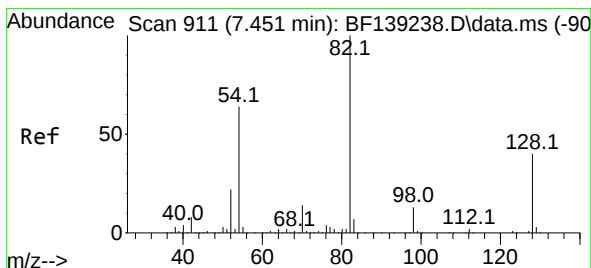
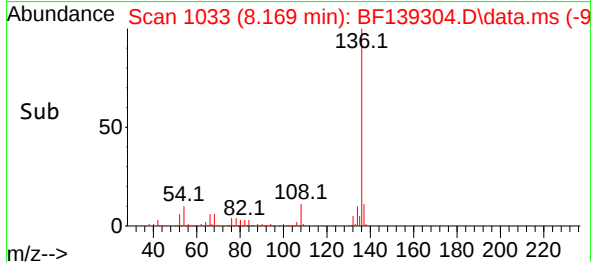
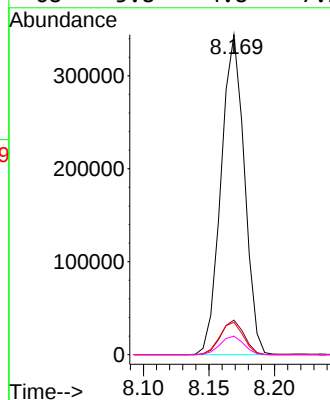
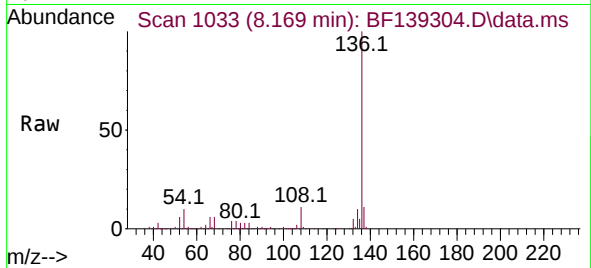


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

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

Tgt Ion:136 Resp: 426223

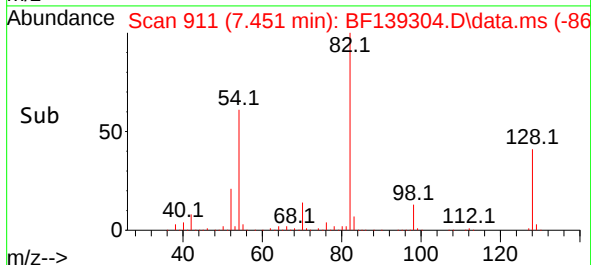
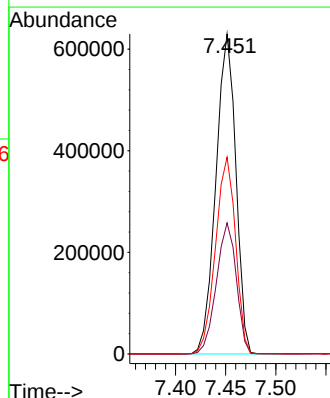
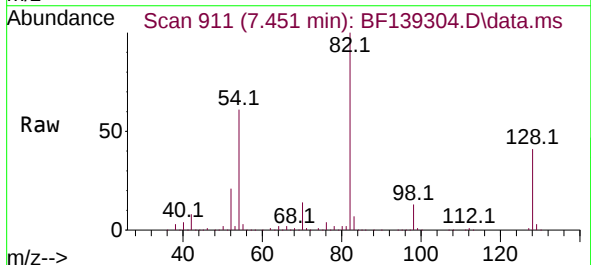
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.4	12.6
68	5.8	4.8	7.2

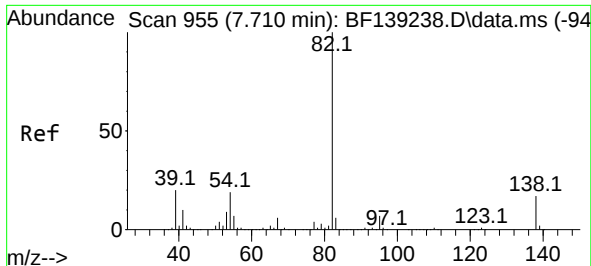


#23
Nitrobenzene-d5
Concen: 106.528 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 82 Resp: 872788

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.3	48.5
54	61.5	51.2	76.8

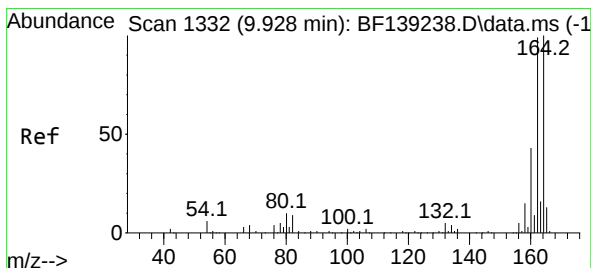
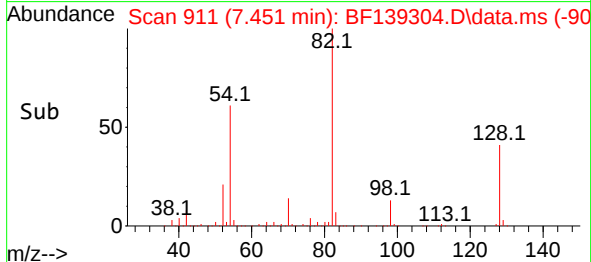
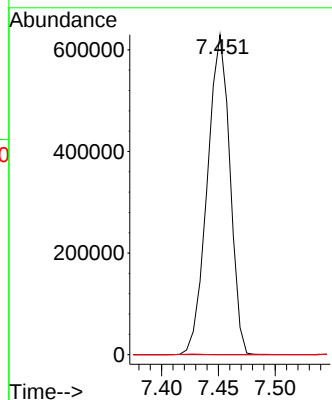
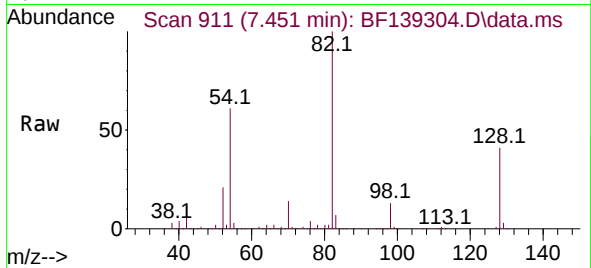




#25
Isophorone
Concen: 62.117 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

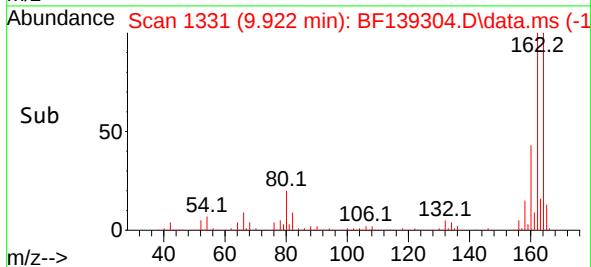
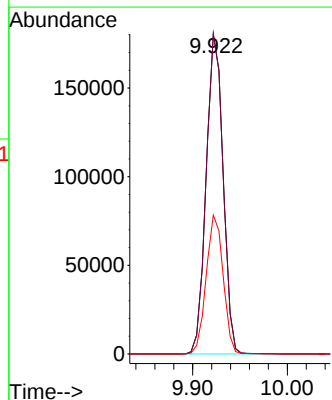
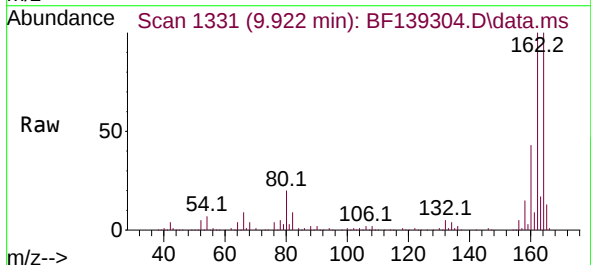
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

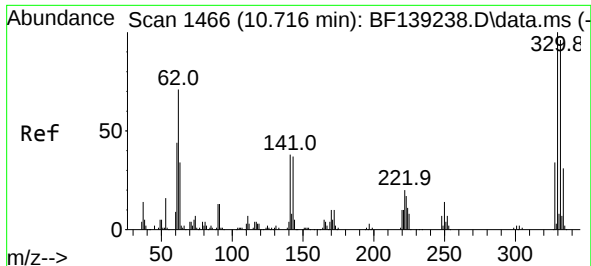
Tgt Ion: 82 Resp: 870089
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 164 Resp: 224010
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 43.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 150.352 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139304.D

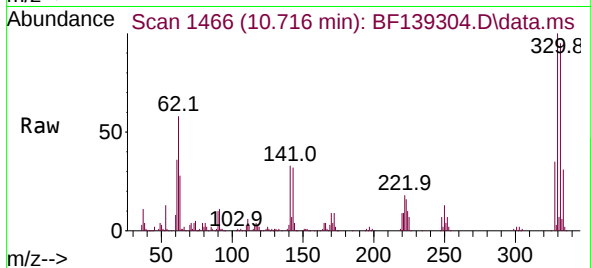
Acq: 10 Sep 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409



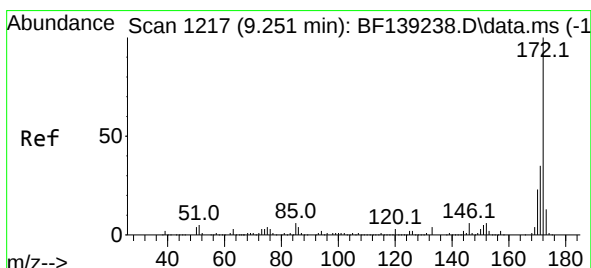
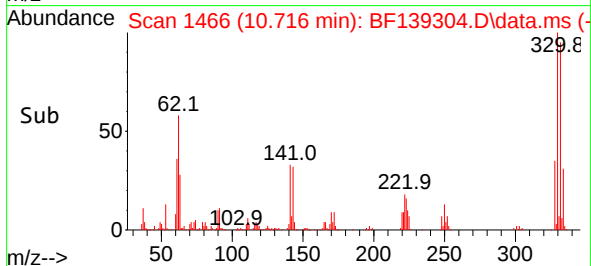
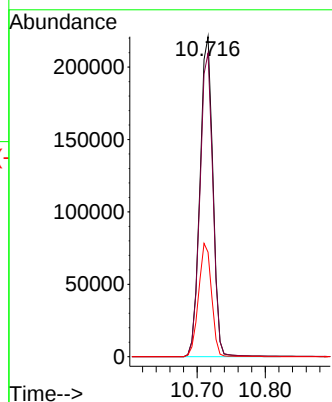
Tgt Ion:330 Resp: 290835

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 106.086 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139304.D

Acq: 10 Sep 2024 17:28

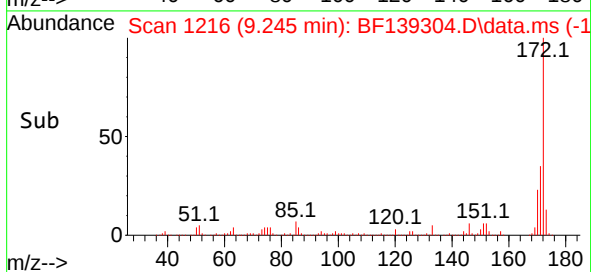
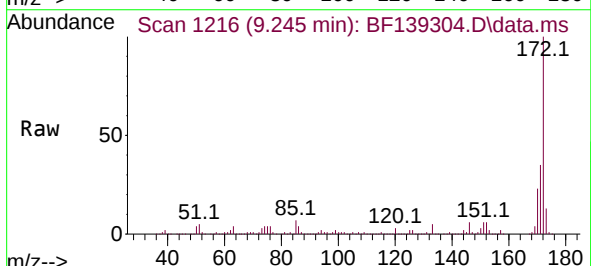
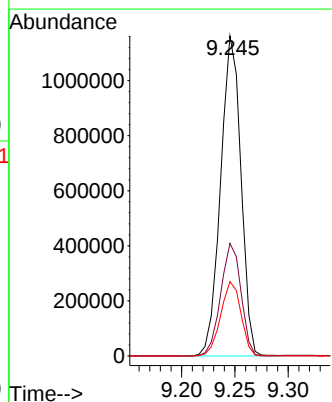
Tgt Ion:172 Resp: 1539498

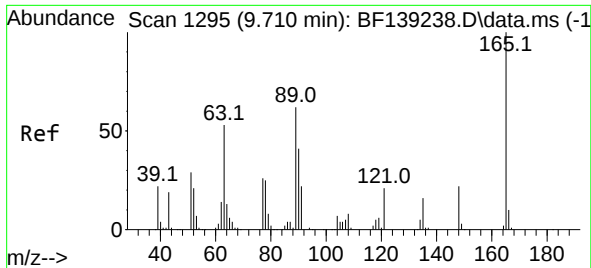
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

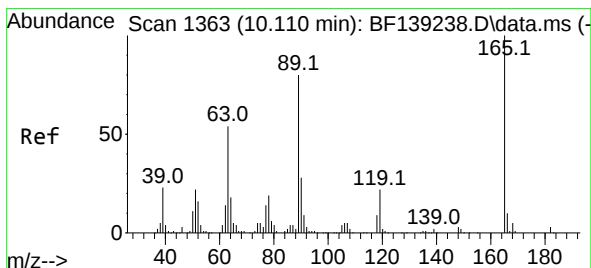
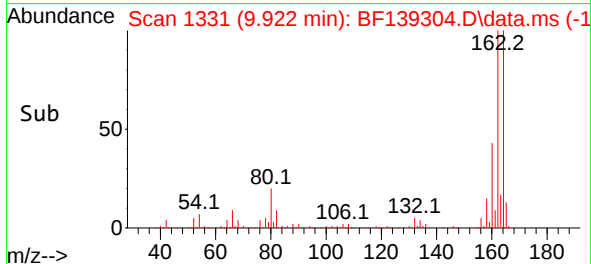
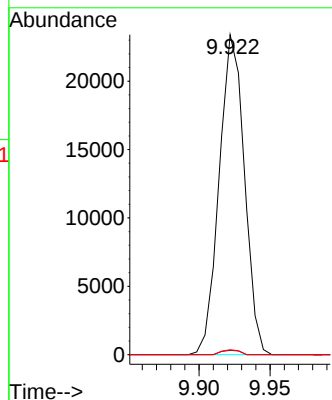
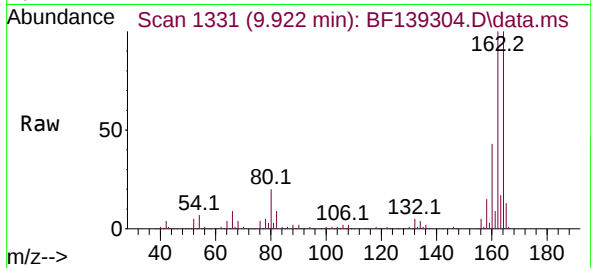




#51
2,6-Dinitrotoluene
Concen: 9.377 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

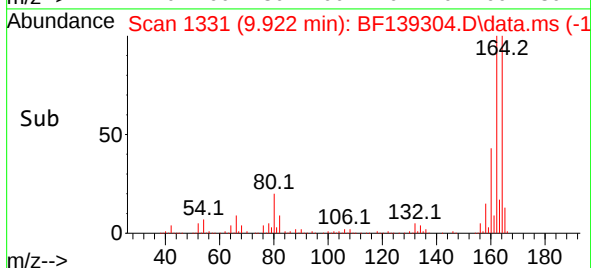
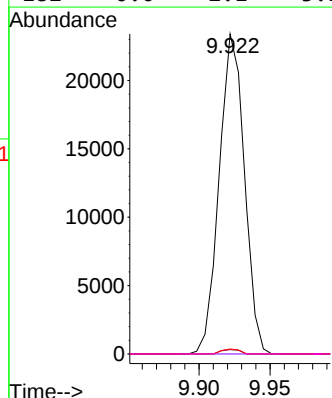
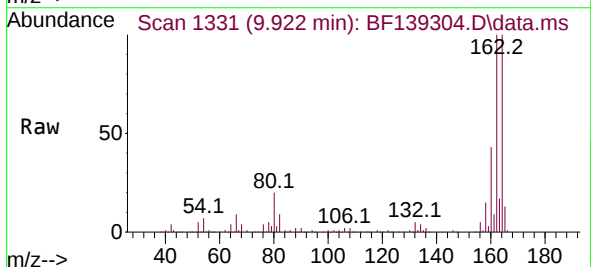
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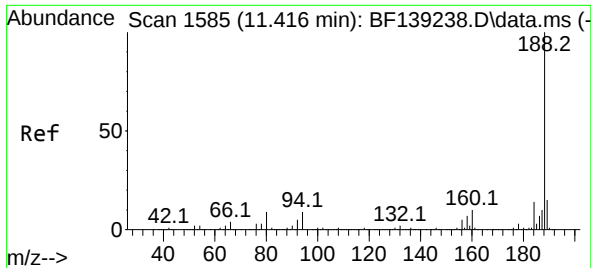
Tgt Ion:165 Resp: 28884
Ion Ratio Lower Upper
165 100
63 1.4 56.1 84.1#
89 1.5 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.368 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion:165 Resp: 28884
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.5 64.2 96.4#
182 0.0 2.1 3.1#

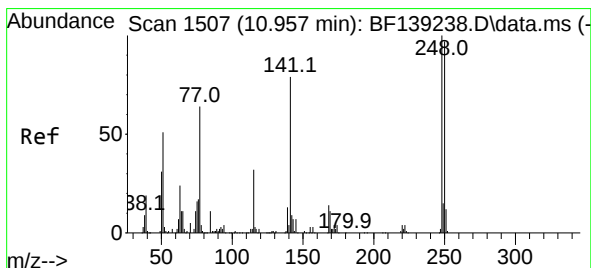
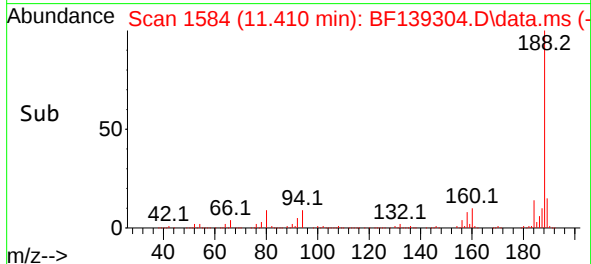
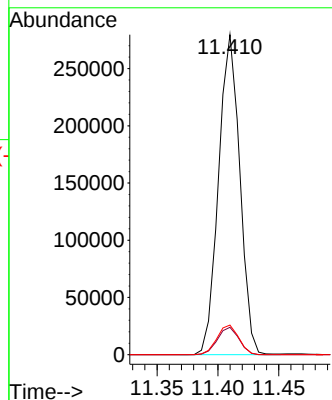
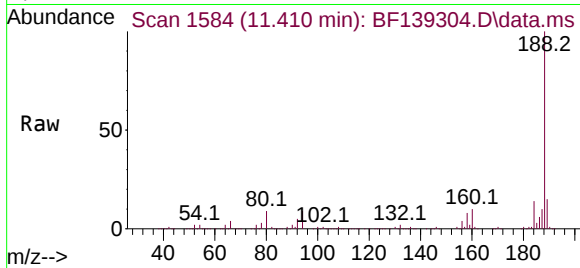




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

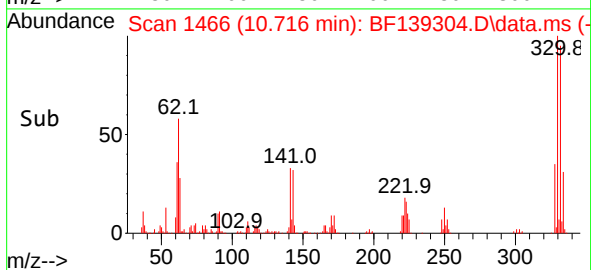
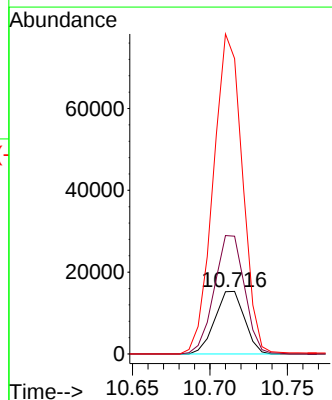
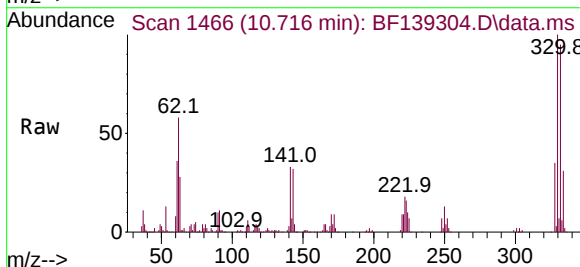
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

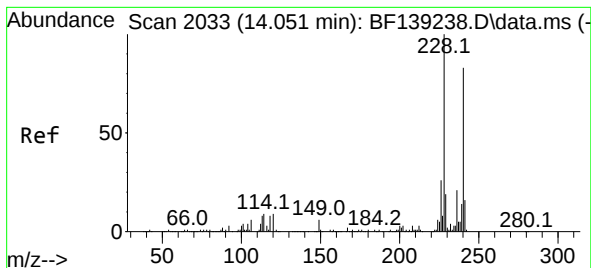
Tgt Ion:188 Resp: 340765
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.3 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 6.144 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion:248 Resp: 20312
Ion Ratio Lower Upper
248 100
250 188.4 77.2 115.8#
141 472.3 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: BF139304.D

Acq: 10 Sep 2024 17:28

Instrument :

BNA_F

ClientSampleId :

WC-S-07-202409

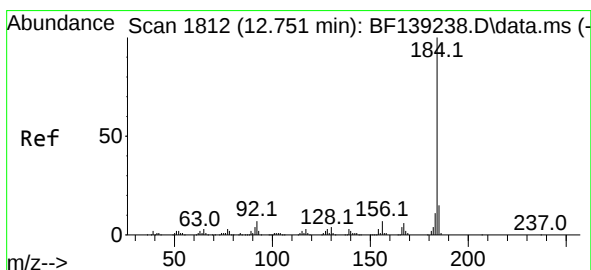
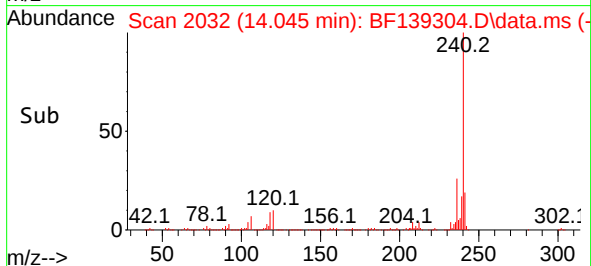
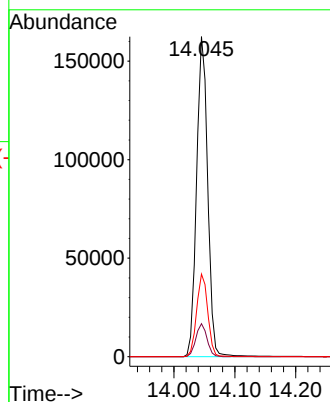
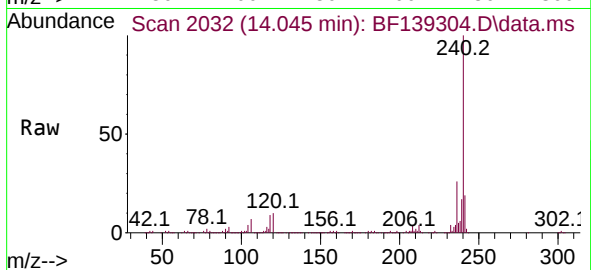
Tgt Ion:240 Resp: 205850

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.8 20.7 31.1



#77

Benzidine

Concen: 3.878 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF139304.D

Acq: 10 Sep 2024 17:28

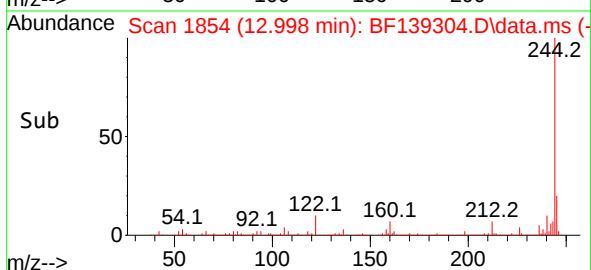
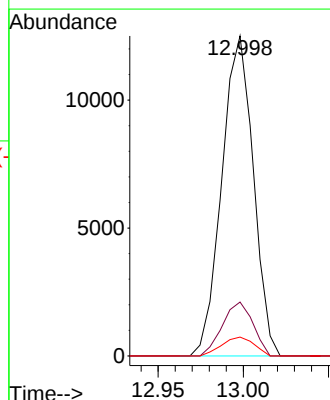
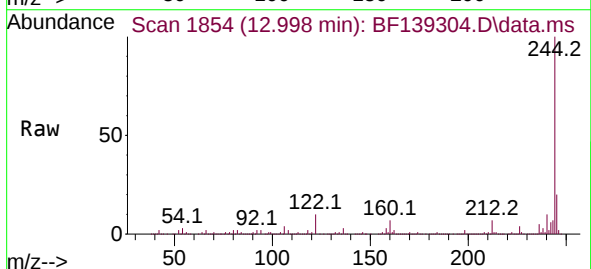
Tgt Ion:184 Resp: 16073

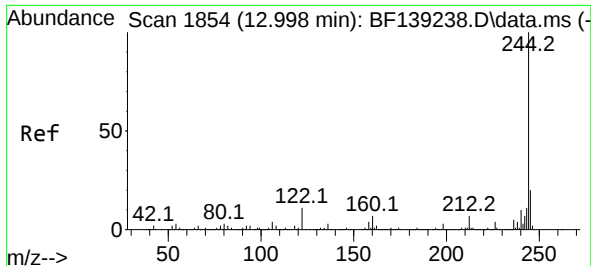
Ion Ratio Lower Upper

184 100

185 16.9 11.9 17.9

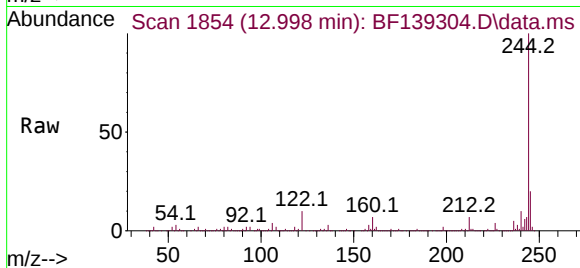
183 5.9 8.8 13.2#





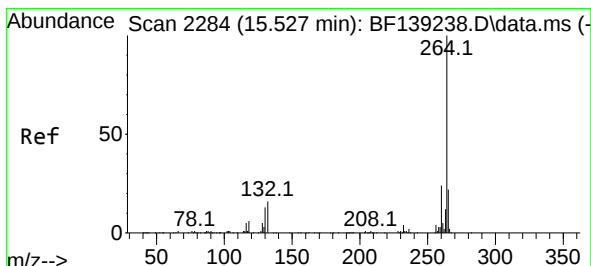
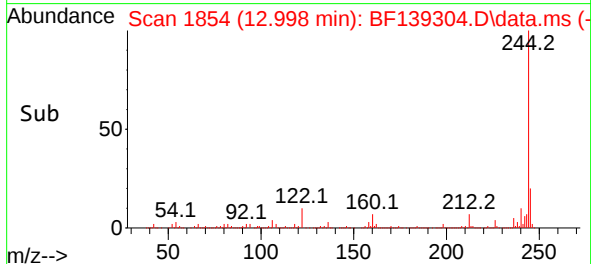
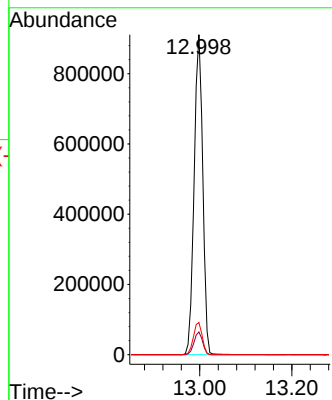
#79
 Terphenyl-d14
 Concen: 92.401 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139304.D
 Acq: 10 Sep 2024 17:28

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



Tgt Ion:244 Resp: 1178067

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.1	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: BF139304.D
 Acq: 10 Sep 2024 17:28

Tgt Ion:264 Resp: 156319

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.3	17.3	25.9

