

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139430.D
 Acq On : 18 Sep 2024 17:24
 Operator : RC/JU
 Sample : P4030-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-08-202409

Quant Time: Sep 18 18:09:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

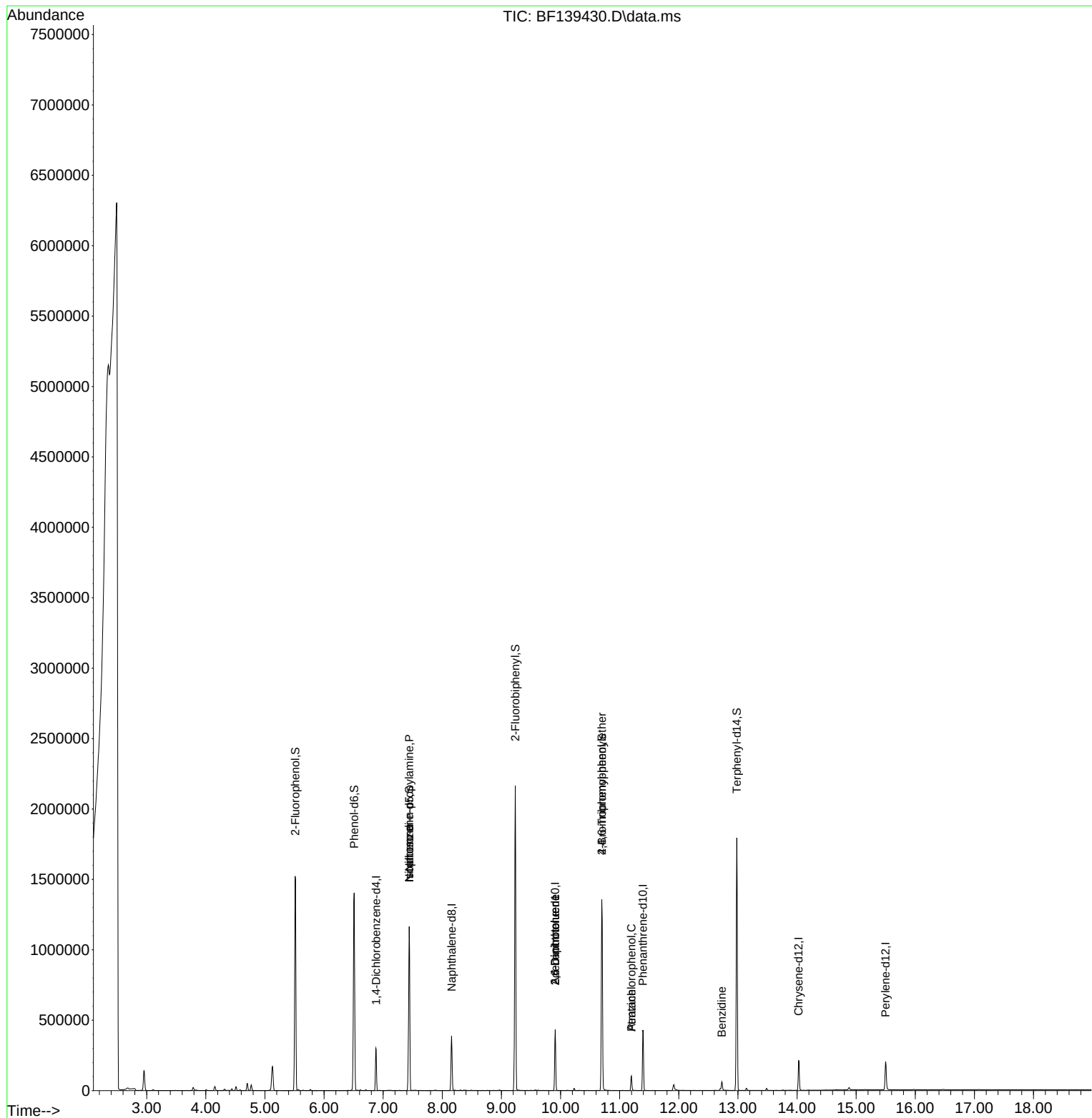
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59533	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	221899	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	123741	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	229252	20.000	ng	0.00
76) Chrysene-d12	14.027	240	101047	20.000	ng	0.00
86) Perylene-d12	15.498	264	121156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	519191	142.271	ng	0.02
7) Phenol-d6	6.510	99	635056	132.580	ng	0.00
23) Nitrobenzene-d5	7.440	82	509576	107.959	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	209764	159.229	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	929767	105.383	ng	0.00
79) Terphenyl-d14	12.980	244	851205	138.268	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	71797	25.294	ng	# 76
25) Isophorone	7.440	82	508271	68.088	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15708	8.731	ng	# 13
57) 2,4-Dinitrotoluene	9.910	165	15708	6.467	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	14352	6.317	ng	# 1
69) Atrazine	11.198	200	3202	2.007	ng	# 36
70) Pentachlorophenol	11.198	266	16287	10.180	ng	98
77) Benzidine	12.727	184	34114	23.564	ng	98

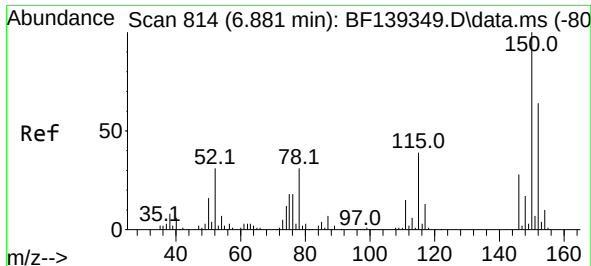
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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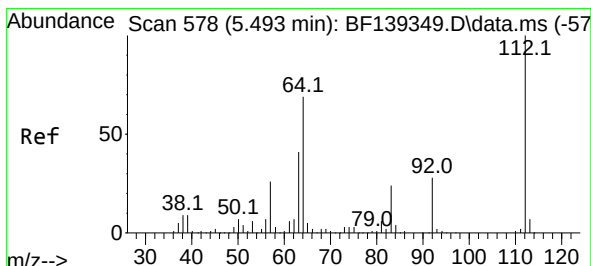
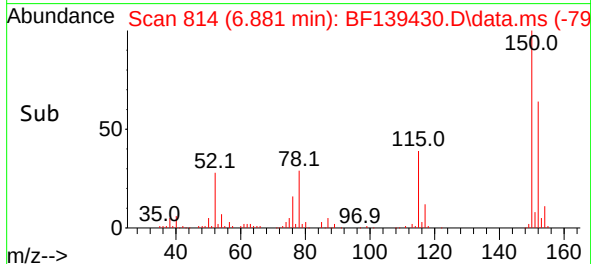
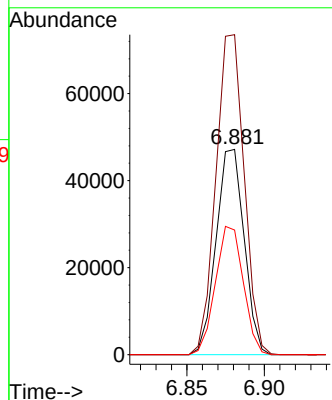
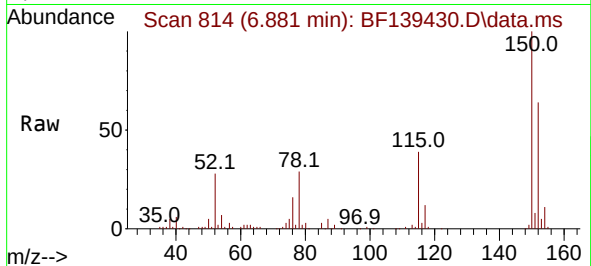




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

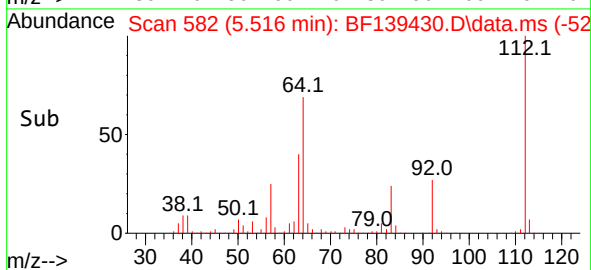
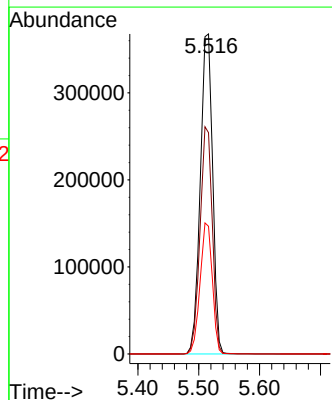
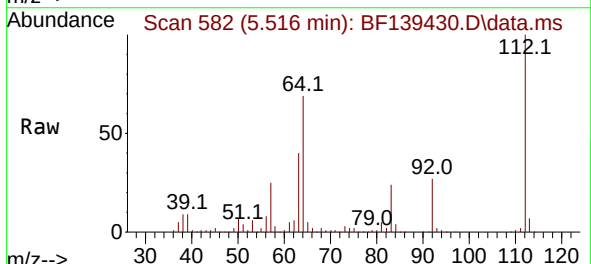
Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

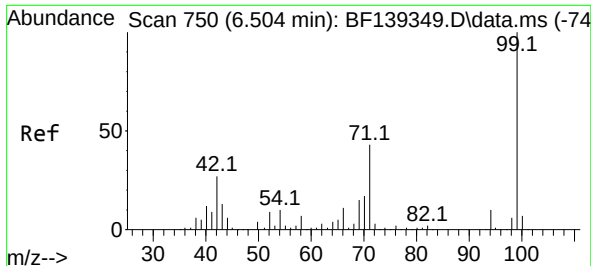
Tgt Ion:152 Resp: 59533
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 142.271 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

Tgt Ion:112 Resp: 519191
Ion Ratio Lower Upper
112 100
64 69.2 54.8 82.2
63 39.9 33.0 49.4

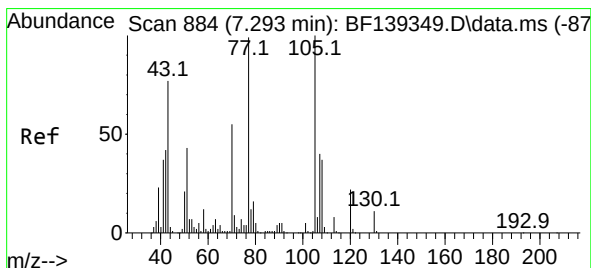
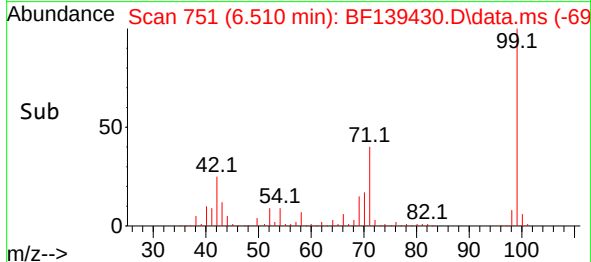
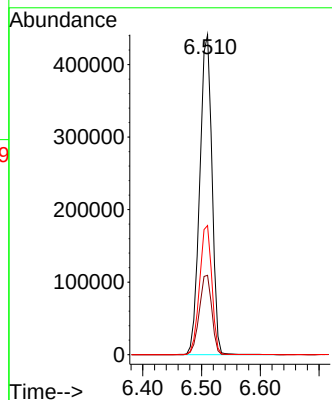
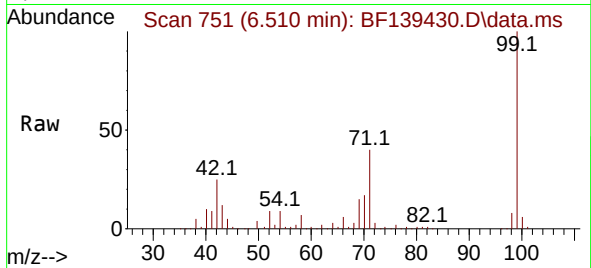




#7
Phenol-d6
Concen: 132.580 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

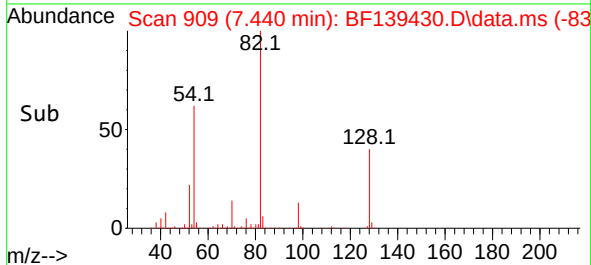
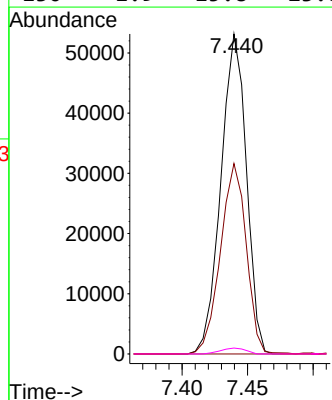
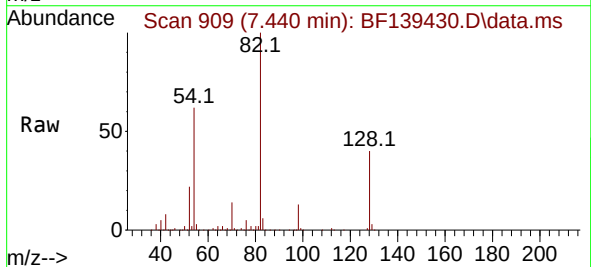
Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

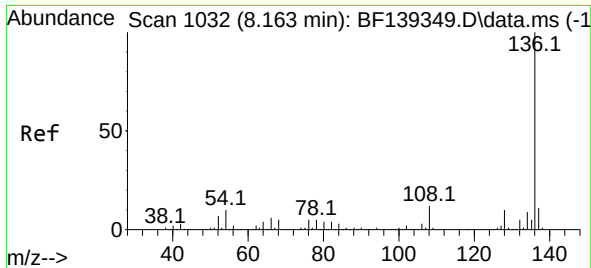
Tgt Ion: 99 Resp: 635056
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 40.3 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 25.294 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

Tgt Ion: 70 Resp: 71797
Ion Ratio Lower Upper
70 100
42 59.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#

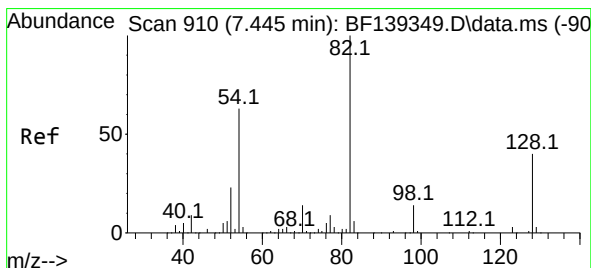
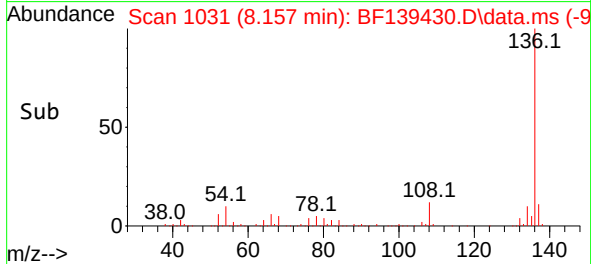
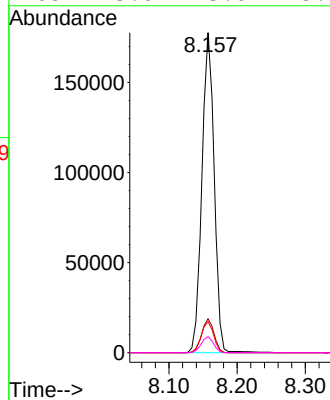
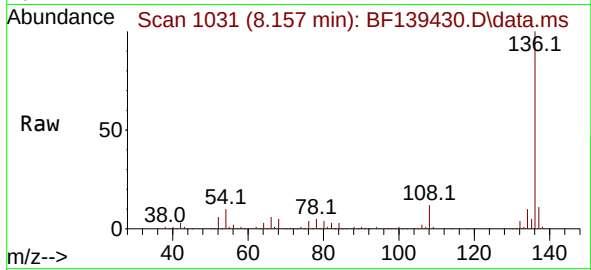




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

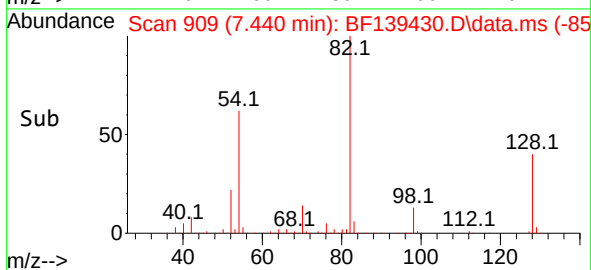
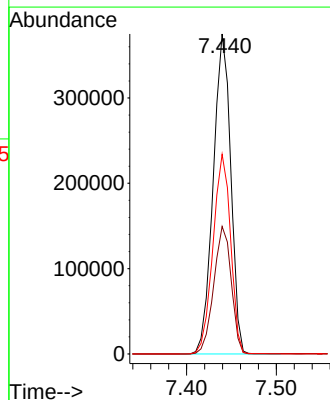
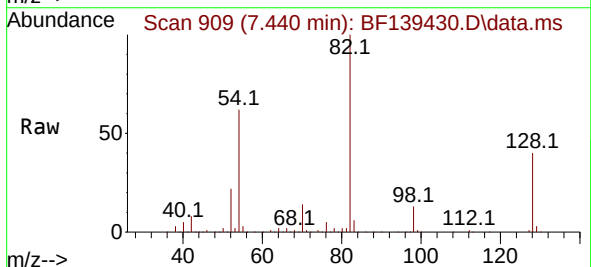
Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

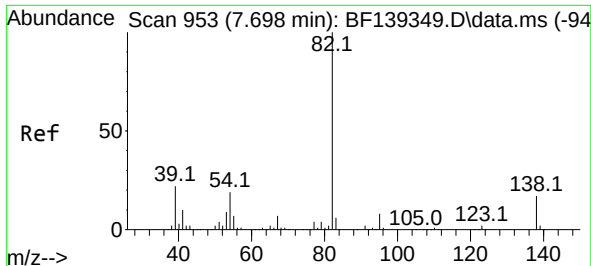
Tgt Ion:	136	Resp:	221899
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.7	7.8	11.8
68	5.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 107.959 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

Tgt Ion:	82	Resp:	509576
Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.8	47.6
54	62.4	50.6	75.8

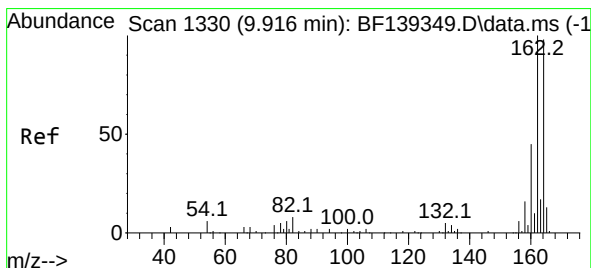
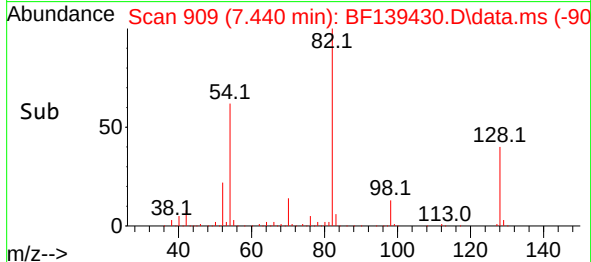
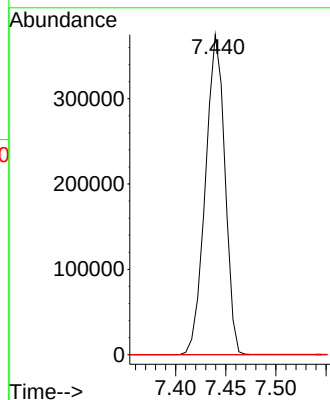
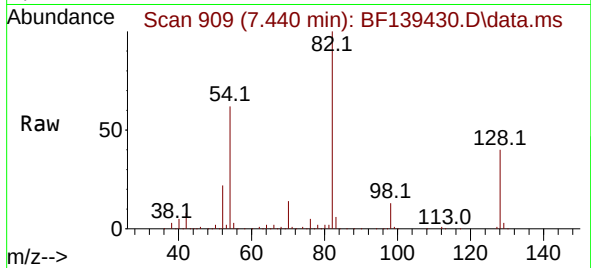




#25
Isophorone
Concen: 68.088 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

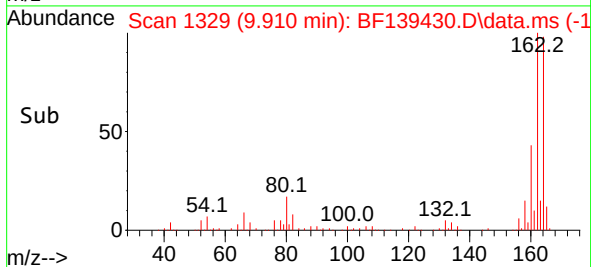
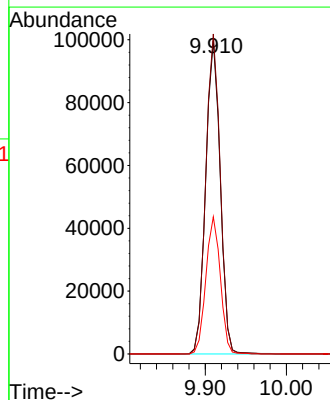
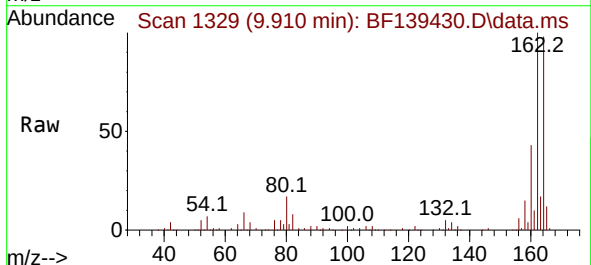
Instrument :
BNA_F
ClientSampleId :
WC-S-08-202409

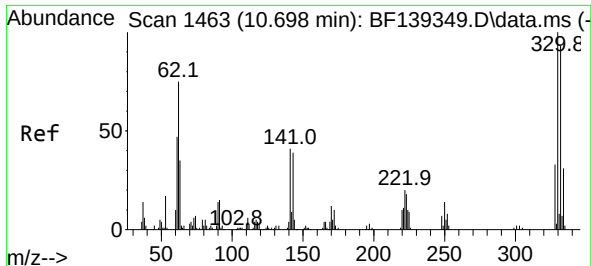
Tgt Ion: 82 Resp: 508271
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139430.D
Acq: 18 Sep 2024 17:24

Tgt Ion:164 Resp: 123741
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 43.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 159.229 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139430.D

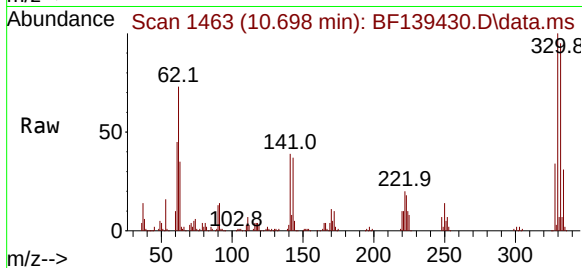
Acq: 18 Sep 2024 17:24

Instrument :

BNA_F

ClientSampleId :

WC-S-08-202409



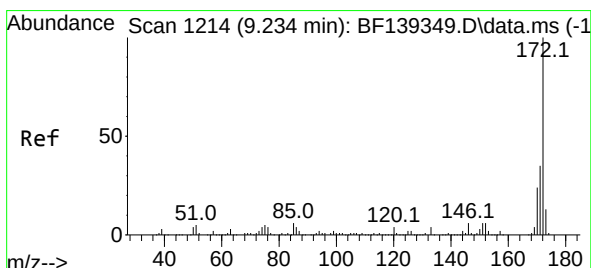
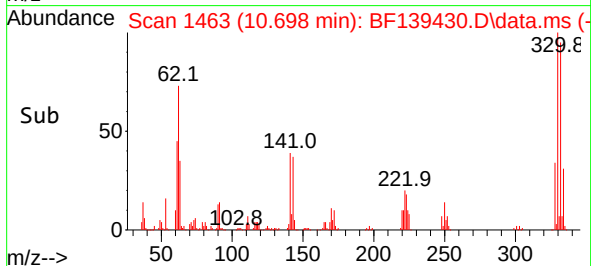
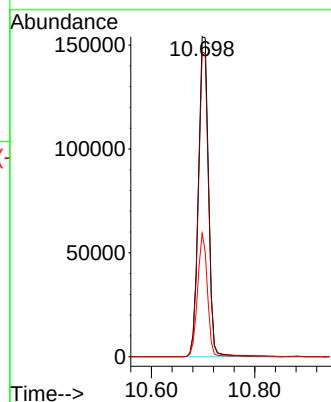
Tgt Ion:330 Resp: 209764

Ion Ratio Lower Upper

330 100

332 95.0 75.2 112.8

141 37.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 105.383 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

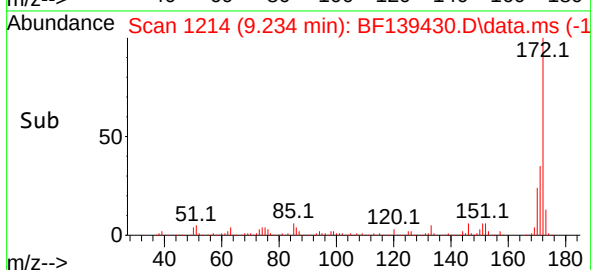
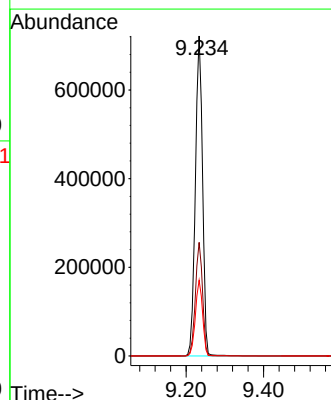
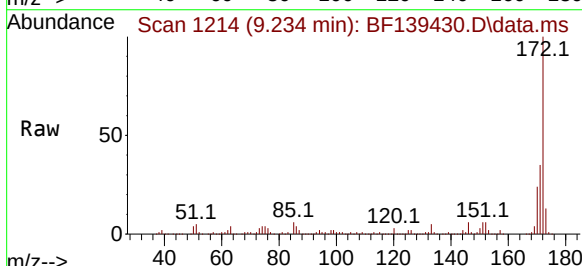
Tgt Ion:172 Resp: 929767

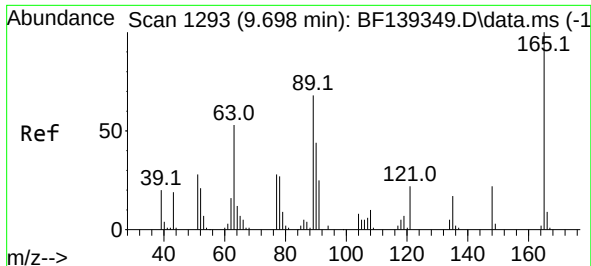
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.731 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

Instrument :

BNA_F

ClientSampleId :

WC-S-08-202409

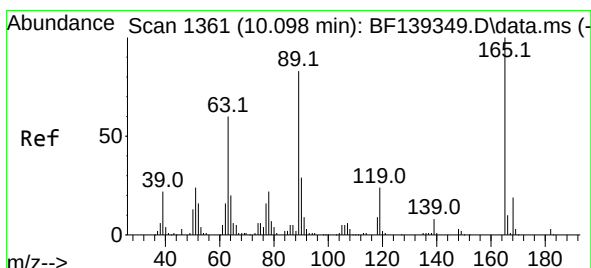
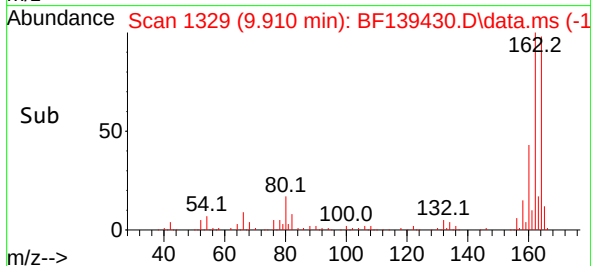
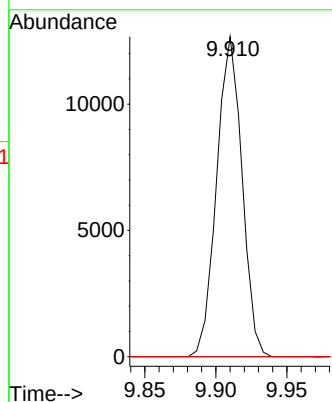
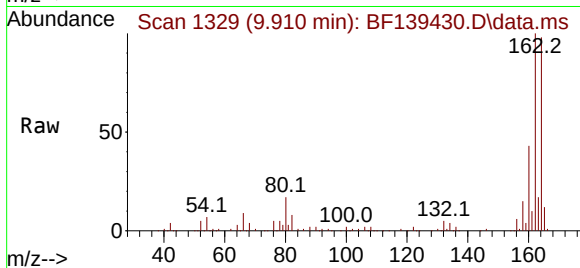
Tgt Ion:165 Resp: 15708

Ion Ratio Lower Upper

165 100

63 0.0 60.9 91.3#

89 0.0 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.467 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

Tgt Ion:165 Resp: 15708

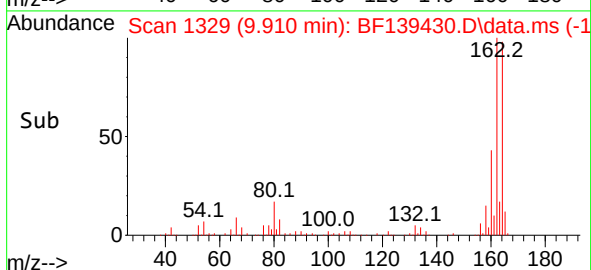
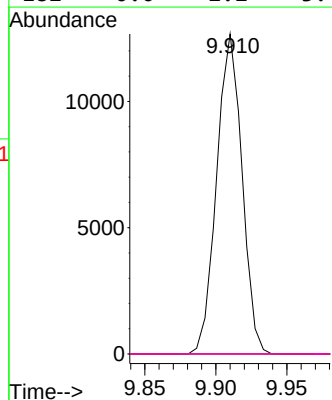
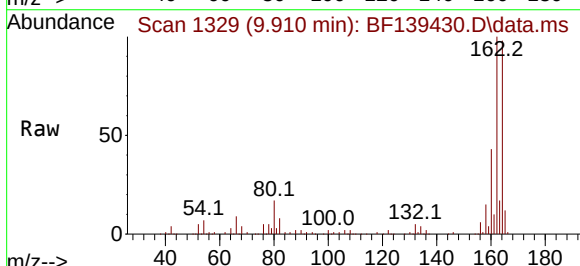
Ion Ratio Lower Upper

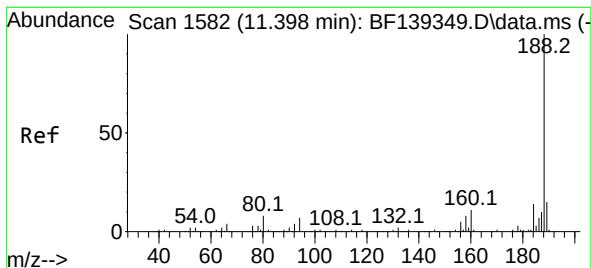
165 100

63 0.0 47.8 71.6#

89 0.0 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

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WC-S-08-202409

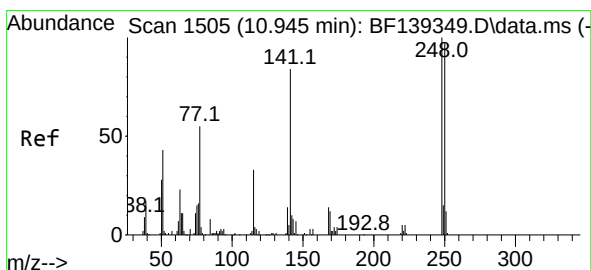
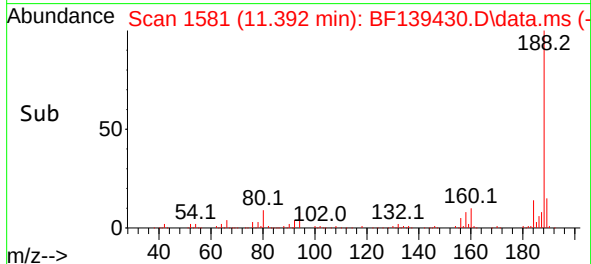
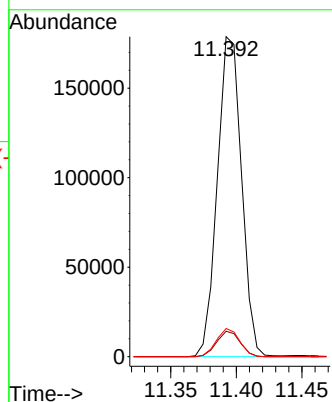
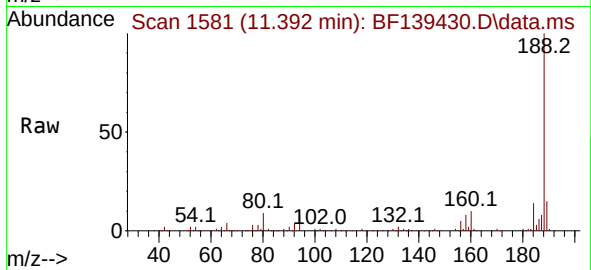
Tgt Ion:188 Resp: 229252

Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 8.8 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 6.317 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

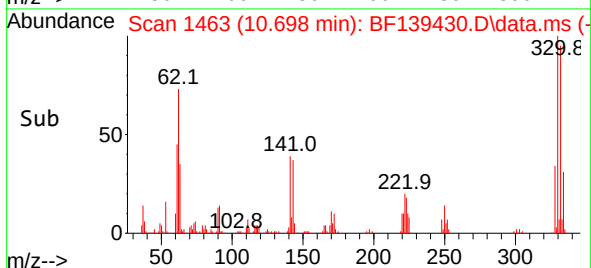
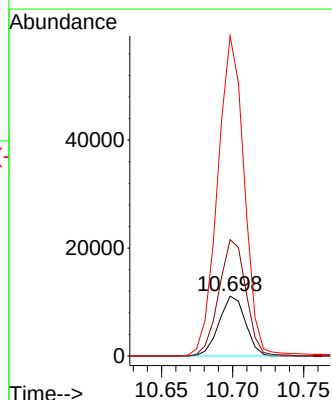
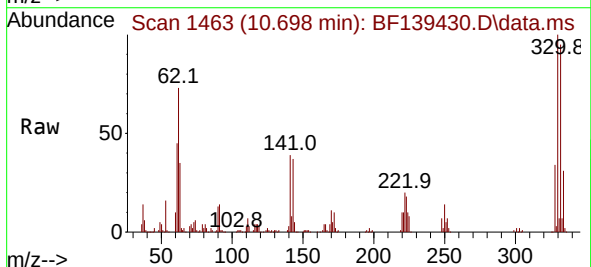
Tgt Ion:248 Resp: 14352

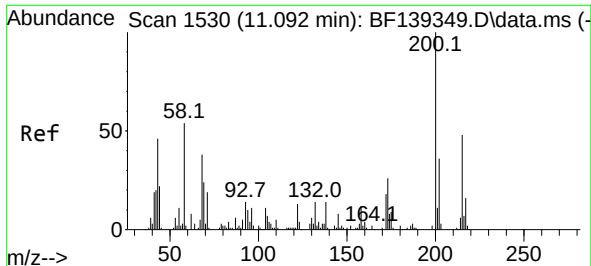
Ion Ratio Lower Upper

248 100

250 194.5 77.6 116.4#

141 534.8 66.9 100.3#

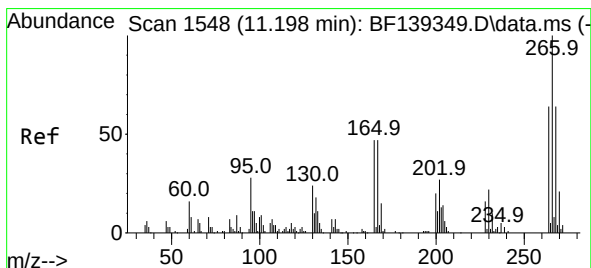
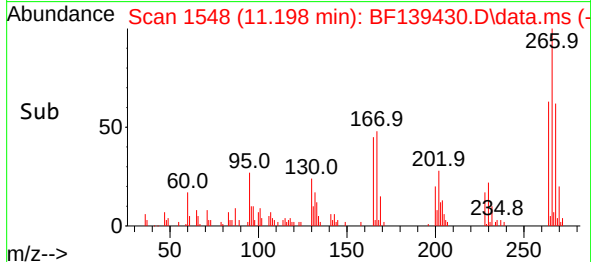
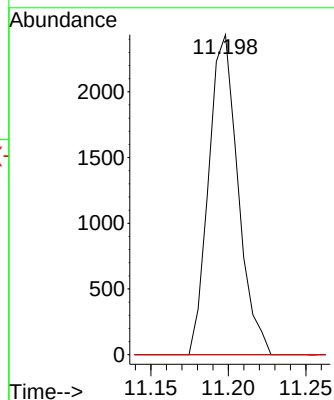
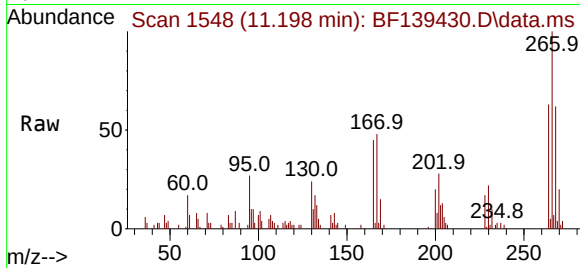




#69
 Atrazine
 Concen: 2.007 ng
 RT: 11.198 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: BF139430.D
 Acq: 18 Sep 2024 17:24

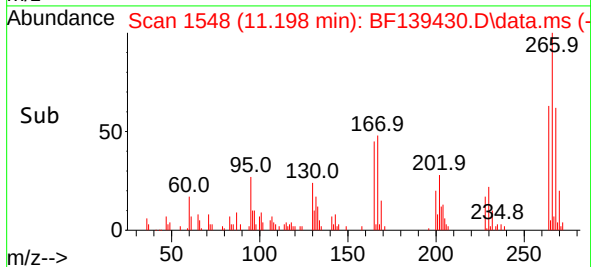
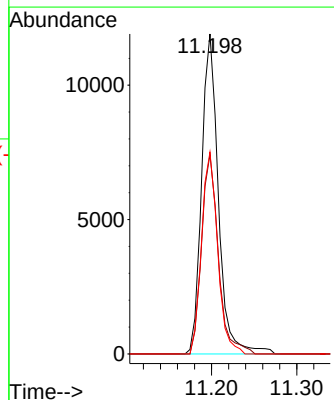
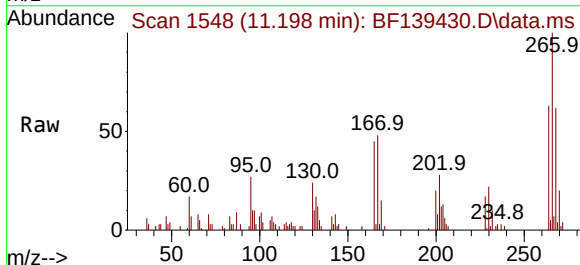
Instrument :
 BNA_F
 ClientSampleId :
 WC-S-08-202409

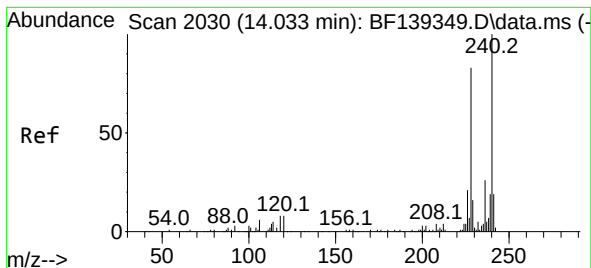
Tgt Ion:200 Resp: 3202
 Ion Ratio Lower Upper
 200 100
 173 0.0 6.1 46.1#
 215 0.0 28.2 68.2#



#70
 Pentachlorophenol
 Concen: 10.180 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF139430.D
 Acq: 18 Sep 2024 17:24

Tgt Ion:266 Resp: 16287
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 63.1 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

Instrument :

BNA_F

ClientSampleId :

WC-S-08-202409

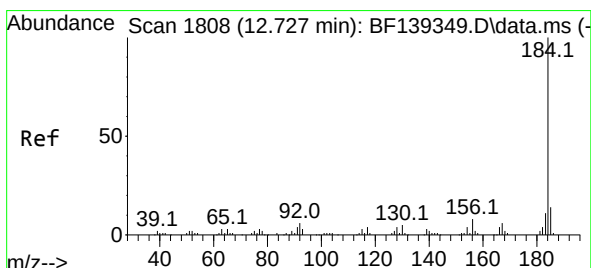
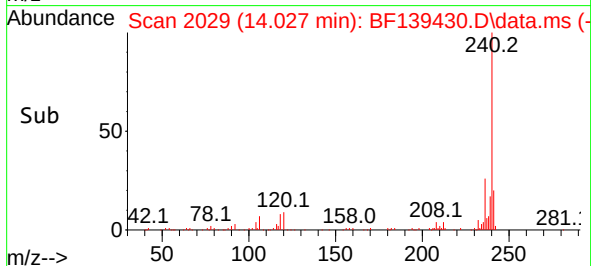
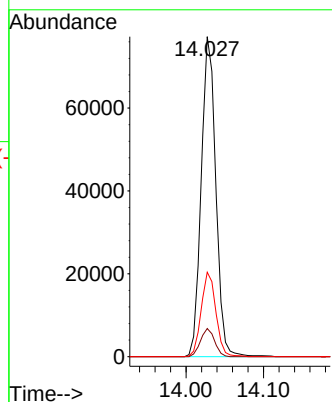
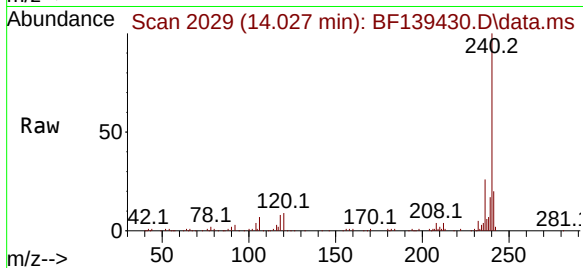
Tgt Ion:240 Resp: 101047

Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 26.4 20.9 31.3



#77

Benzidine

Concen: 23.564 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139430.D

Acq: 18 Sep 2024 17:24

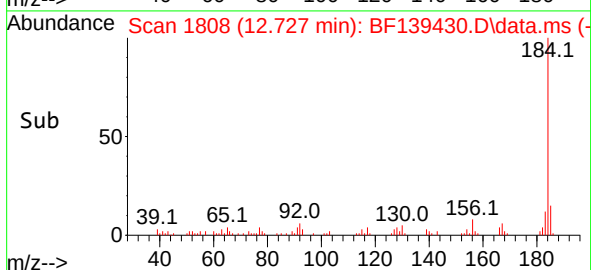
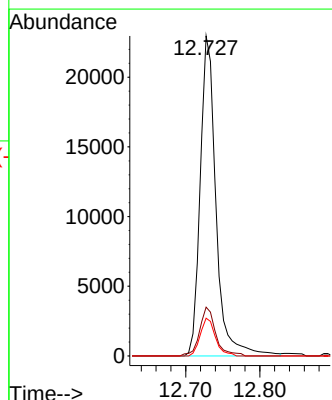
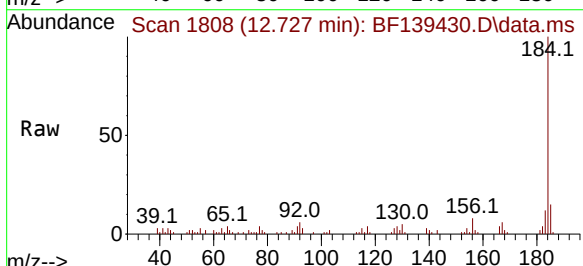
Tgt Ion:184 Resp: 34114

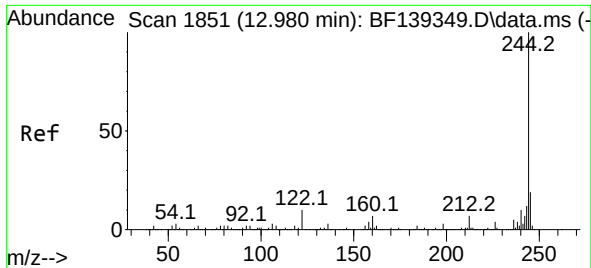
Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

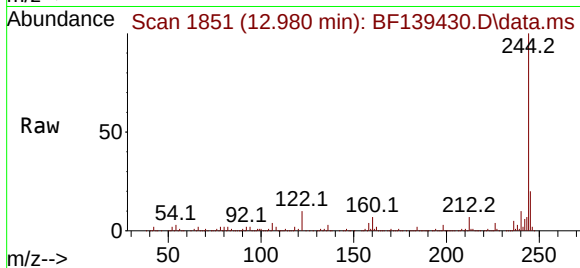
183 11.8 8.9 13.3



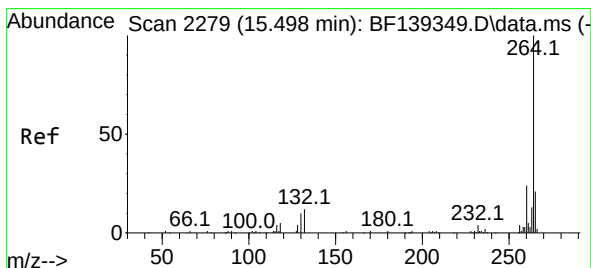
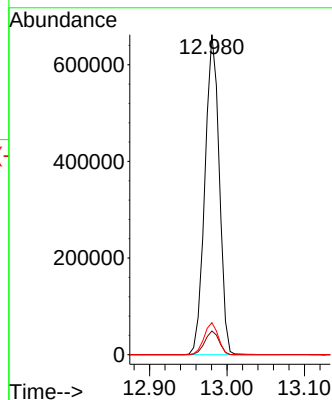
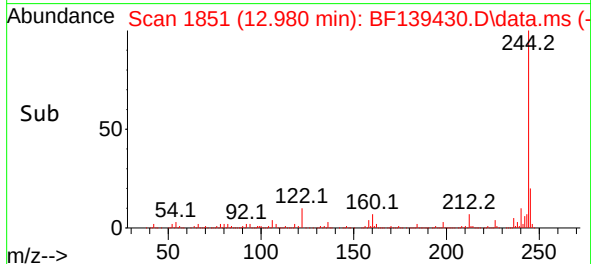


#79
 Terphenyl-d14
 Concen: 138.268 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139430.D
 Acq: 18 Sep 2024 17:24

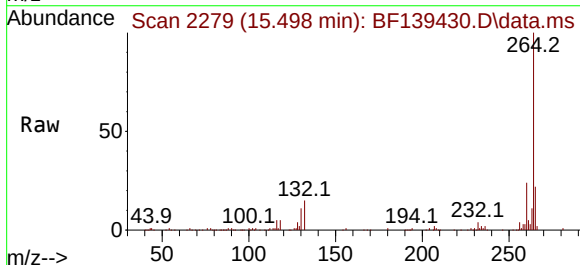
Instrument :
 BNA_F
 ClientSampleId :
 WC-S-08-202409



Tgt Ion:244 Resp: 851205
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139430.D
 Acq: 18 Sep 2024 17:24



Tgt Ion:264 Resp: 121156
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.9 16.6 25.0

