

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139431.D
 Acq On : 18 Sep 2024 17:52
 Operator : RC/JU
 Sample : P4030-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 19 01:27:57 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)

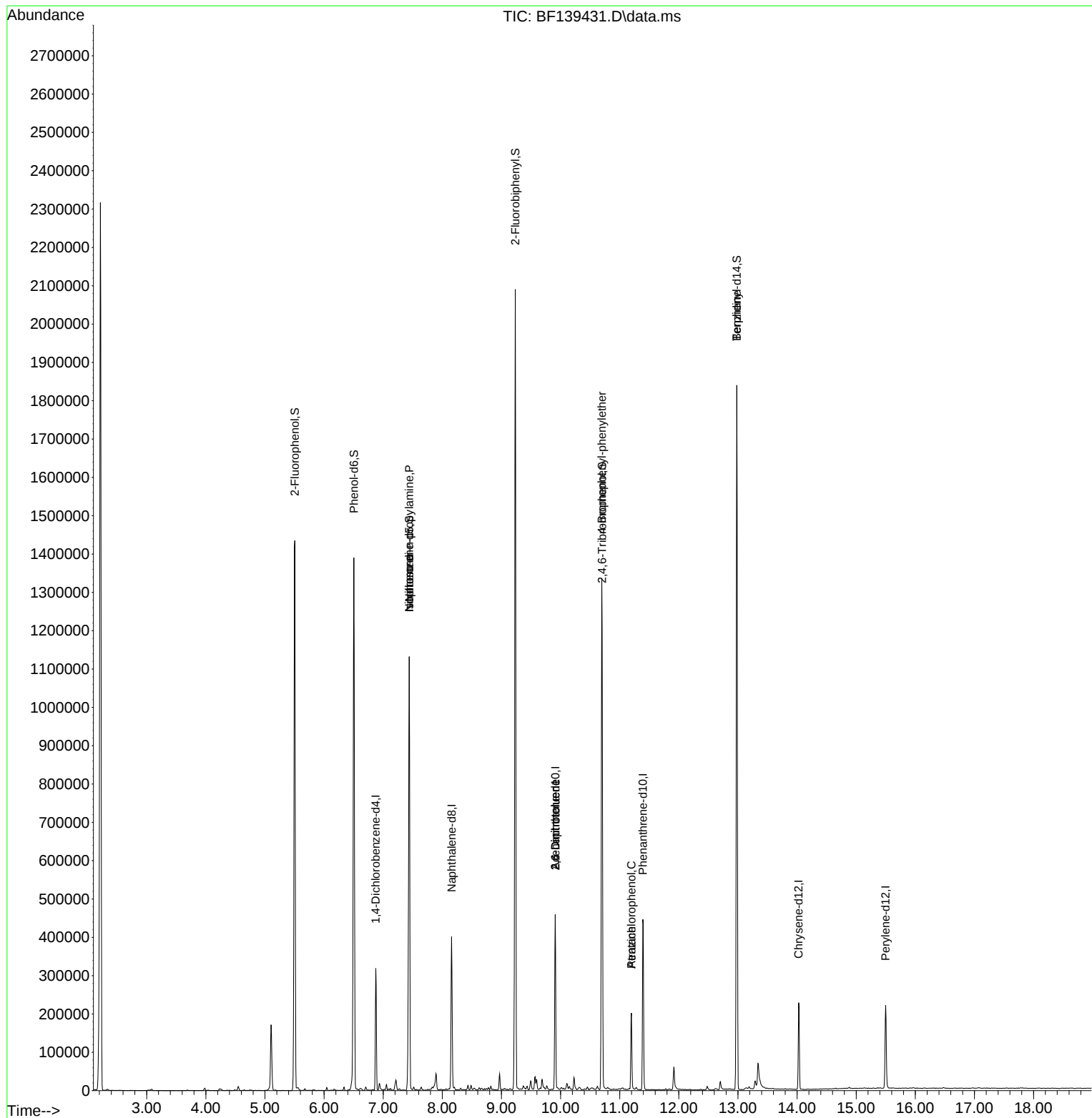
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60436	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	226595	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	127416	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	232750	20.000	ng	0.00
76) Chrysene-d12	14.027	240	105843	20.000	ng	0.00
86) Perylene-d12	15.498	264	127244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	495088	133.639	ng	0.01
7) Phenol-d6	6.504	99	600478	123.488	ng	0.00
23) Nitrobenzene-d5	7.439	82	491606	101.993	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	203426	149.964	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	884669	97.379	ng	0.00
79) Terphenyl-d14	12.980	244	864792	134.110	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	69141	23.995	ng	# 74
25) Isophorone	7.439	82	489905	64.268	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17111	9.236	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17111	6.841	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	14170	6.144	ng	# 1
69) Atrazine	11.198	200	5608	3.462	ng	# 36
70) Pentachlorophenol	11.198	266	29995	18.467	ng	96
77) Benzidine	12.980	184	12941	8.534	ng	# 92

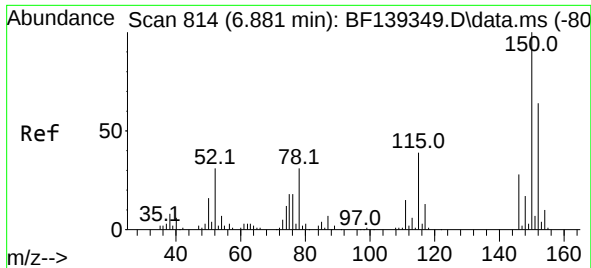
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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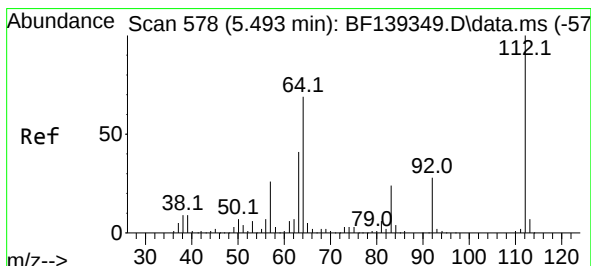
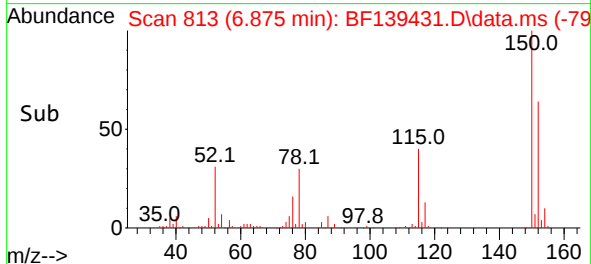
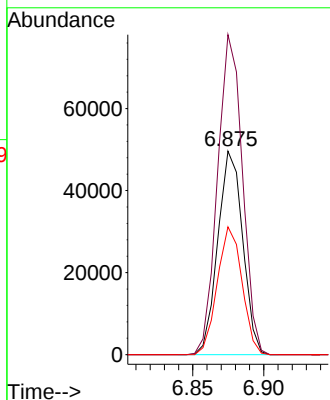
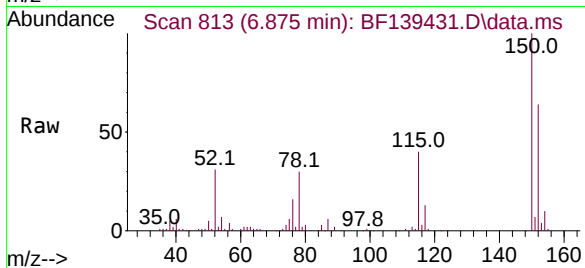




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

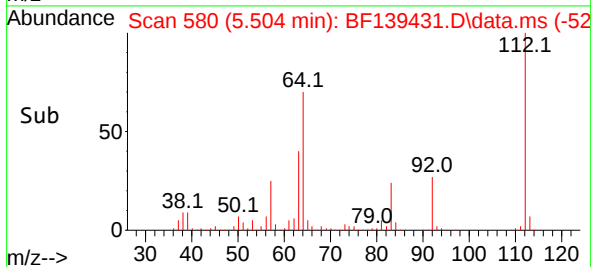
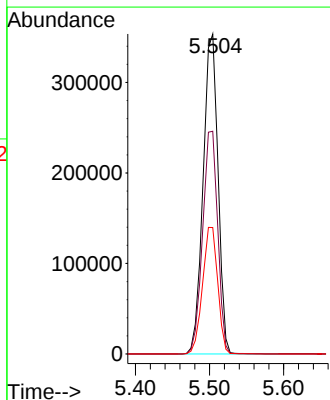
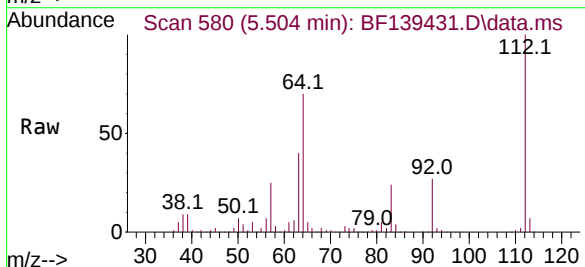
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409

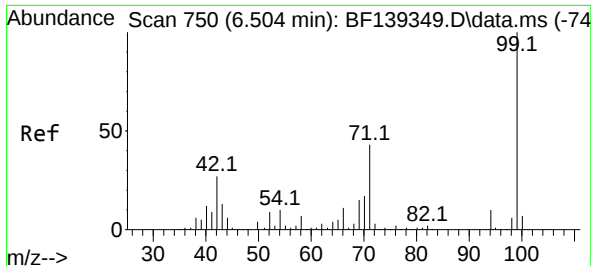
Tgt Ion:152 Resp: 60436
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 133.639 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

Tgt Ion:112 Resp: 495088
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 39.5 33.0 49.4





#7

Phenol-d6

Concen: 123.488 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139431.D

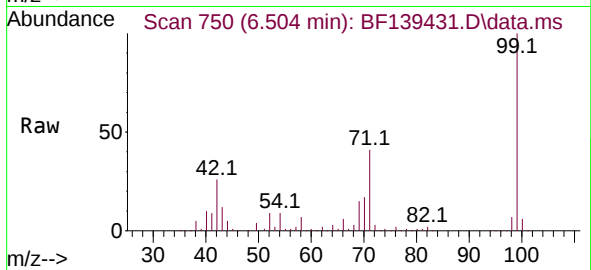
Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409



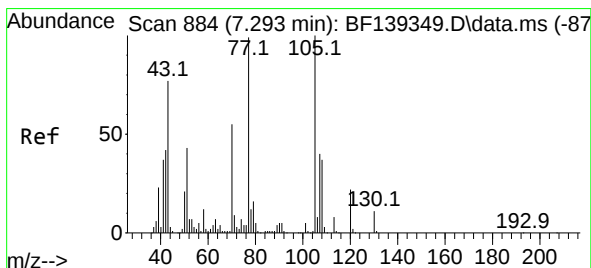
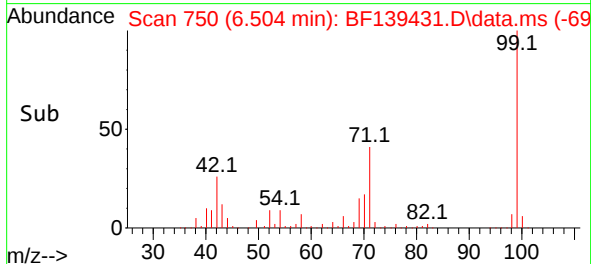
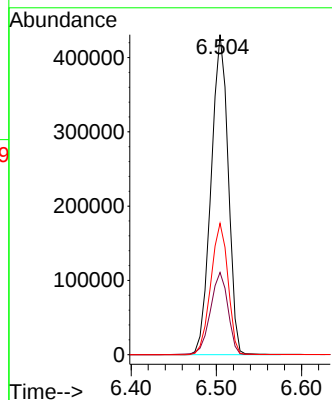
Tgt Ion: 99 Resp: 600478

Ion Ratio Lower Upper

99 100

42 25.7 21.9 32.9

71 41.1 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 23.995 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

Tgt Ion: 70 Resp: 69141

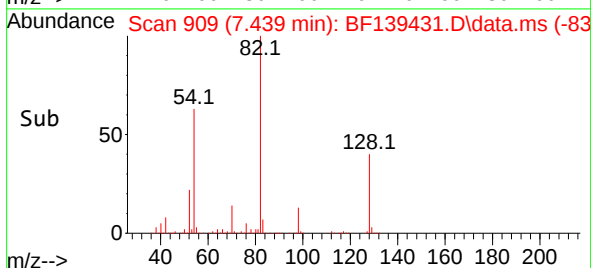
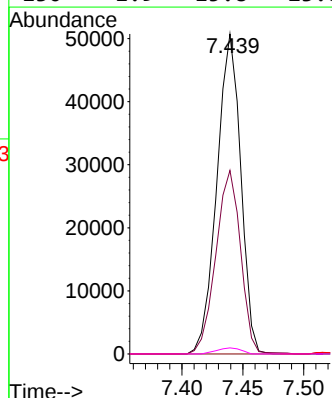
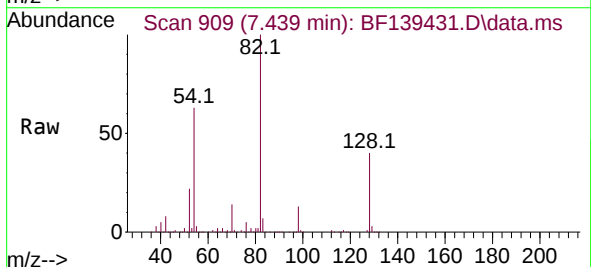
Ion Ratio Lower Upper

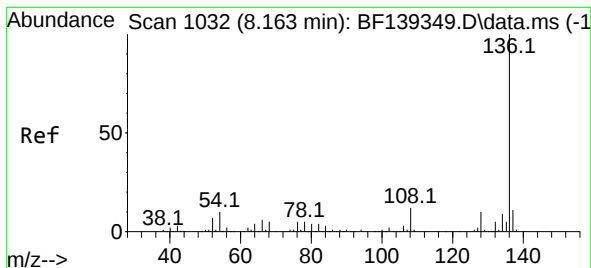
70 100

42 57.3 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: BF139431.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409

Tgt Ion:136 Resp: 226595

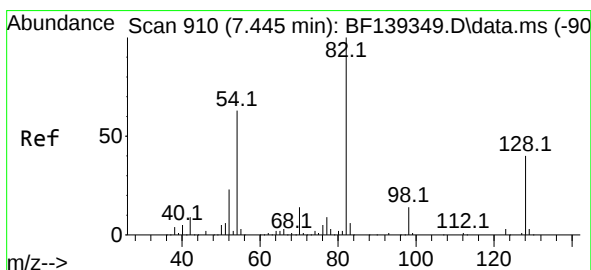
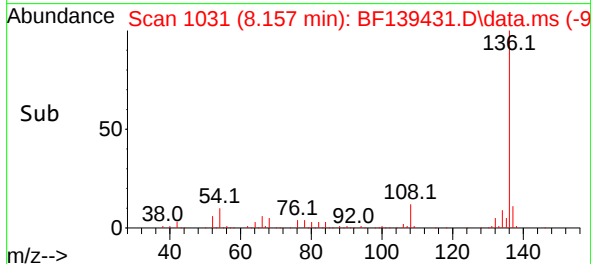
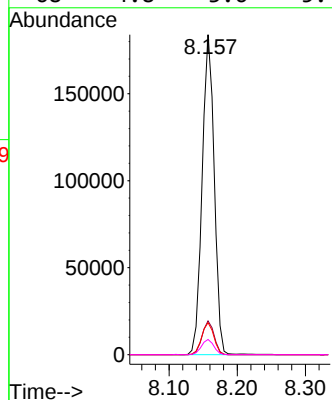
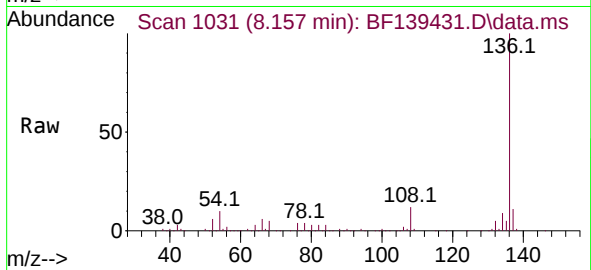
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 10.0 7.8 11.8

68 4.8 3.6 5.4



#23

Nitrobenzene-d5

Concen: 101.993 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

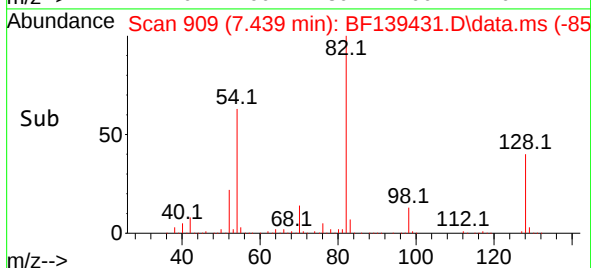
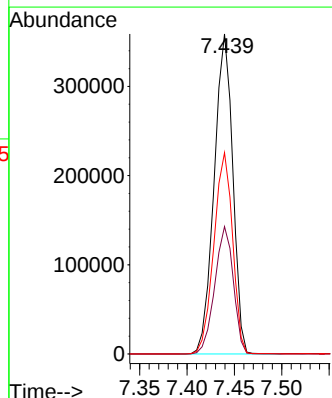
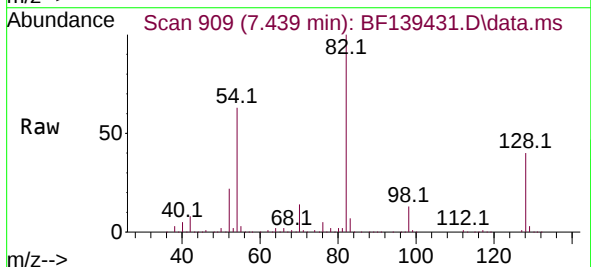
Tgt Ion: 82 Resp: 491606

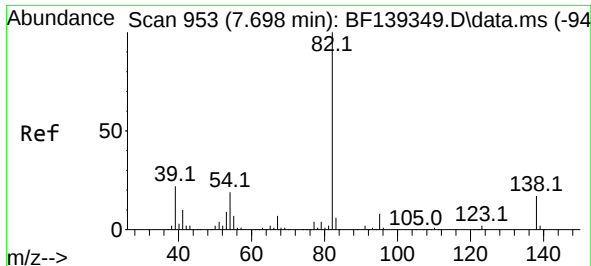
Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.9 50.6 75.8

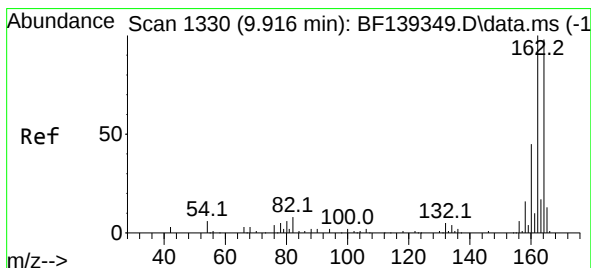
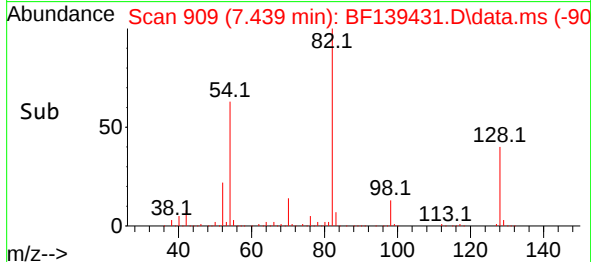
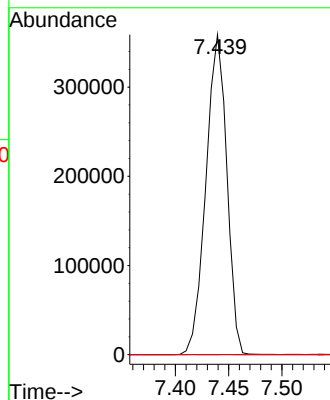
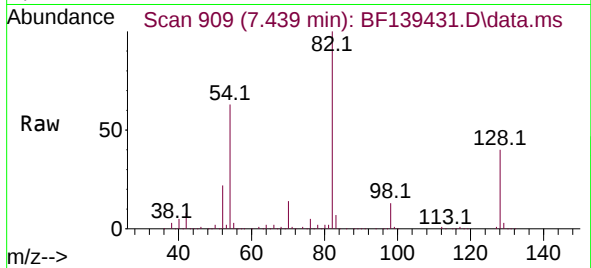




#25
Isophorone
Concen: 64.268 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

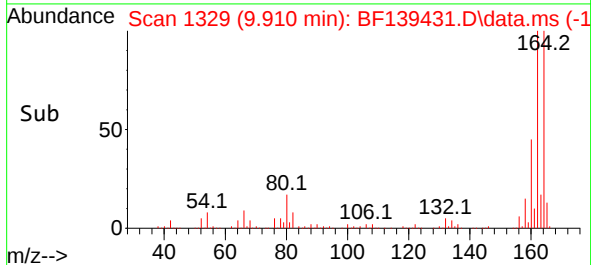
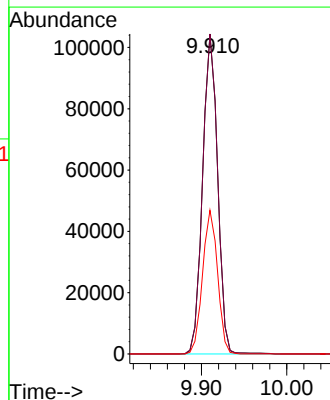
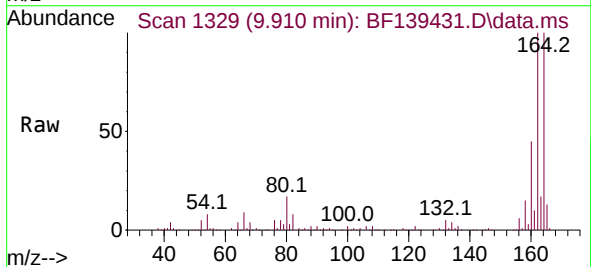
Instrument :
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ClientSampleId :
WC-A-08-202409

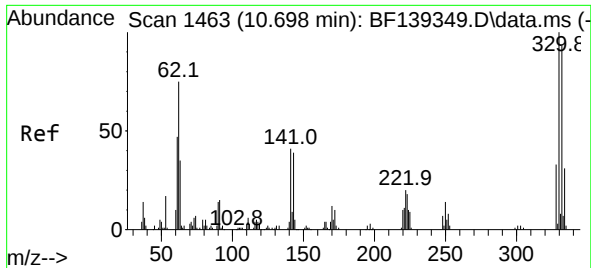
Tgt Ion: 82 Resp: 489905
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

Tgt Ion:164 Resp: 127416
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 149.964 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139431.D

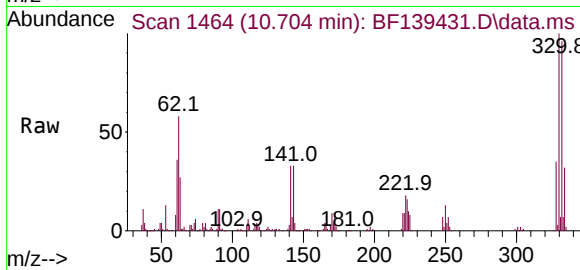
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Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409



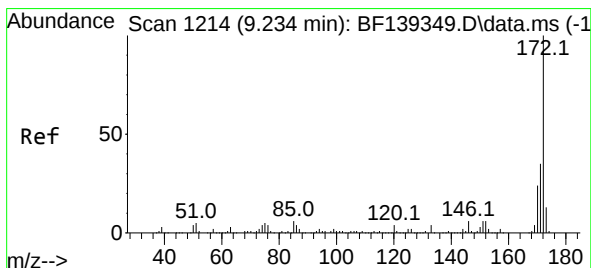
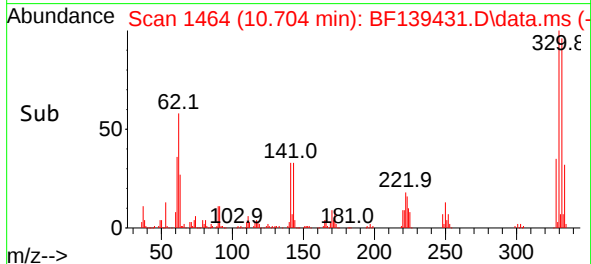
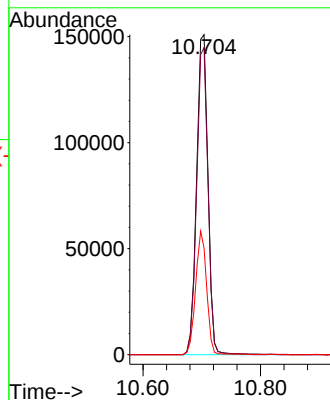
Tgt Ion:330 Resp: 203426

Ion Ratio Lower Upper

330 100

332 95.4 75.2 112.8

141 37.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 97.379 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

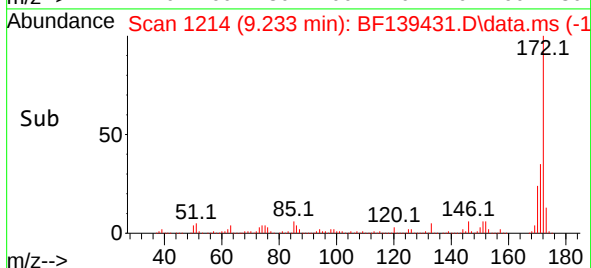
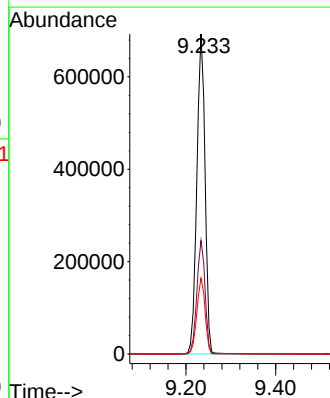
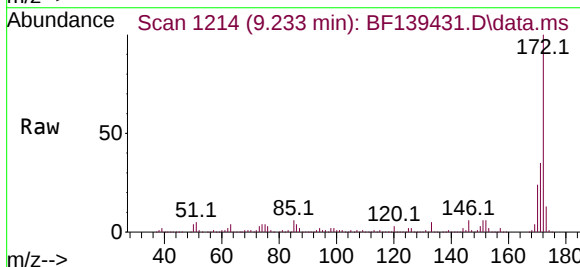
Tgt Ion:172 Resp: 884669

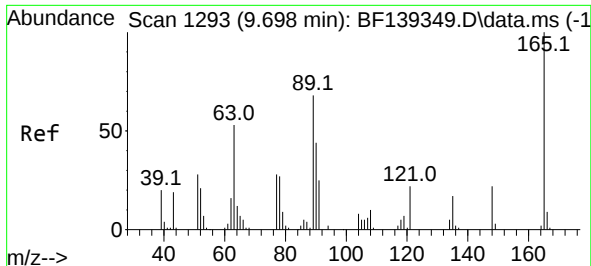
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6

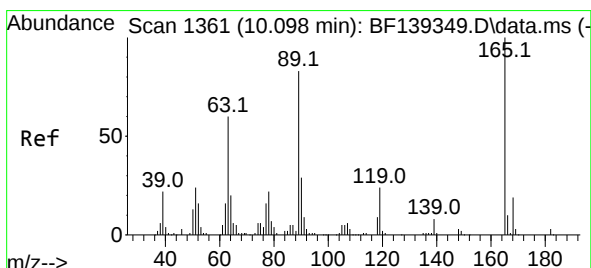
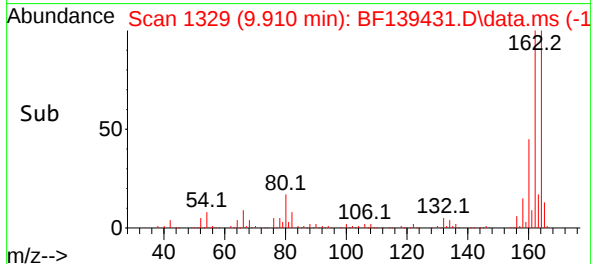
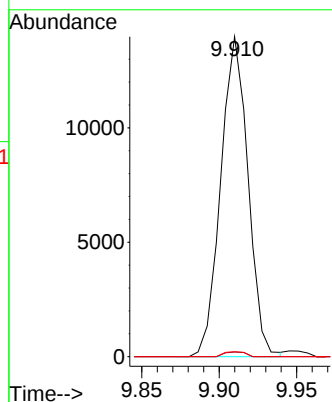
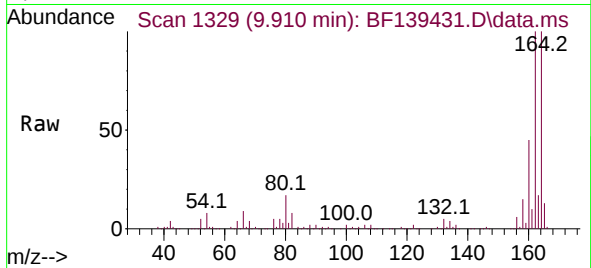




#51
2,6-Dinitrotoluene
Concen: 9.236 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

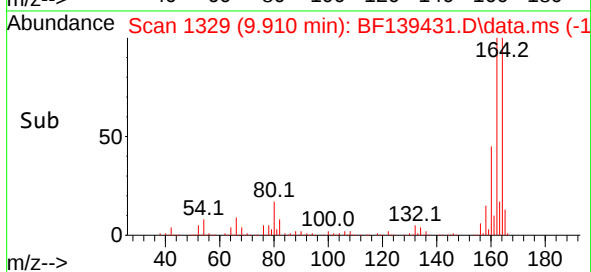
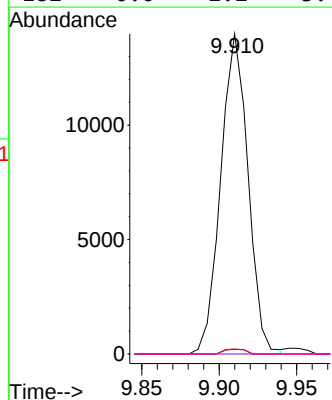
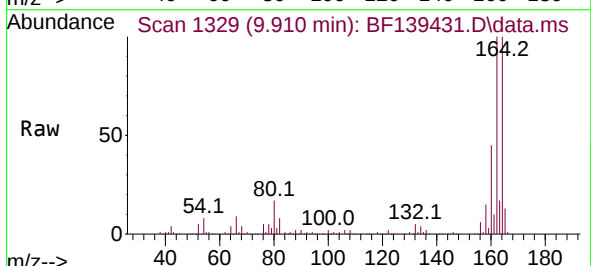
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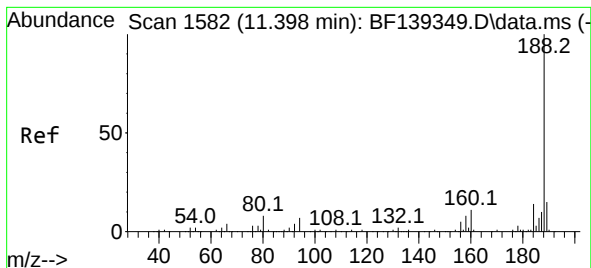
Tgt Ion:165 Resp: 17111
Ion Ratio Lower Upper
165 100
63 1.5 60.9 91.3#
89 1.5 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.841 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

Tgt Ion:165 Resp: 17111
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 1.5 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409

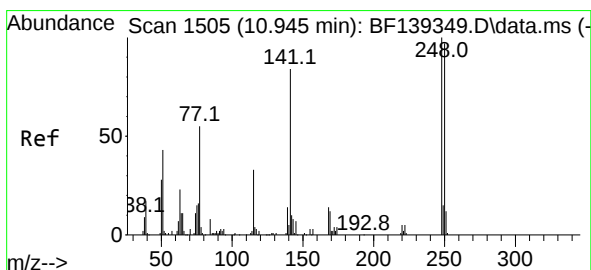
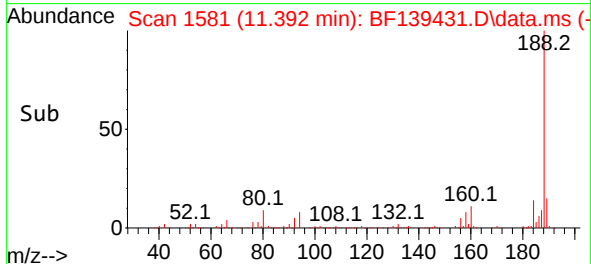
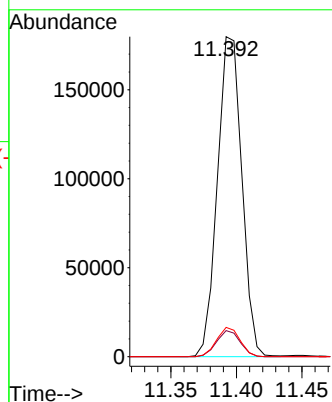
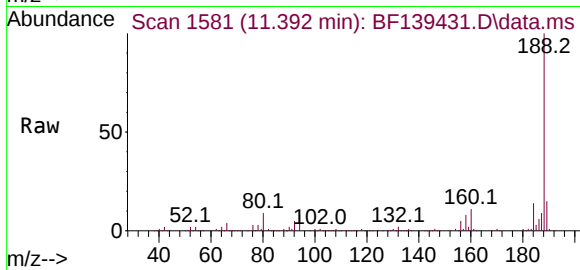
Tgt Ion:188 Resp: 232750

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 6.144 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

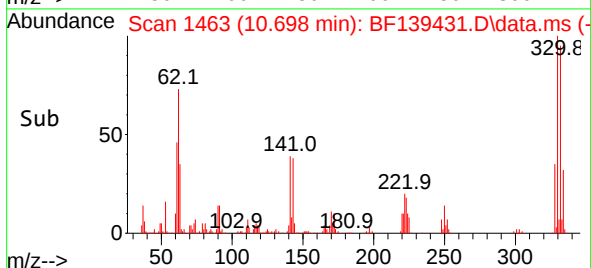
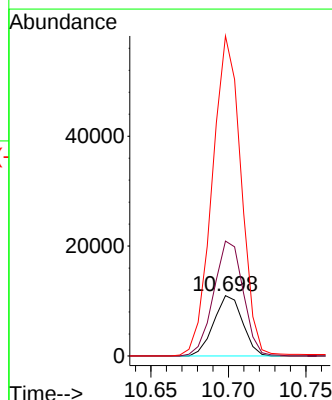
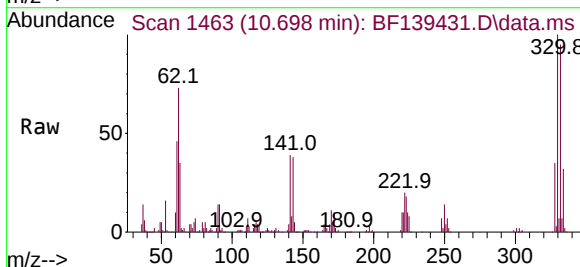
Tgt Ion:248 Resp: 14170

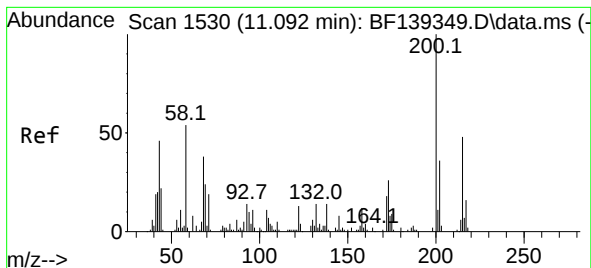
Ion Ratio Lower Upper

248 100

250 190.4 77.6 116.4#

141 530.3 66.9 100.3#





#69

Atrazine

Concen: 3.462 ng

RT: 11.198 min Scan# 1530

Delta R.T. 0.106 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409

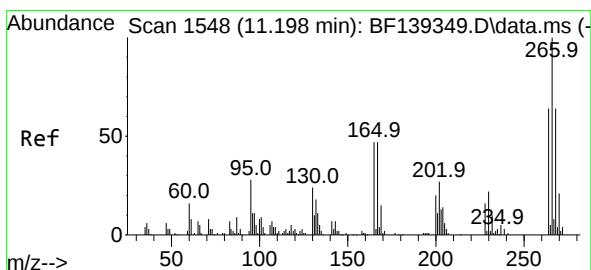
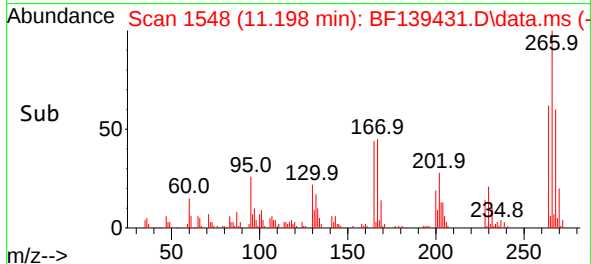
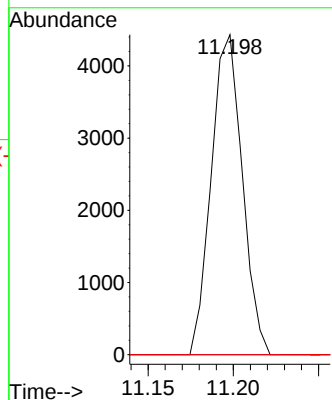
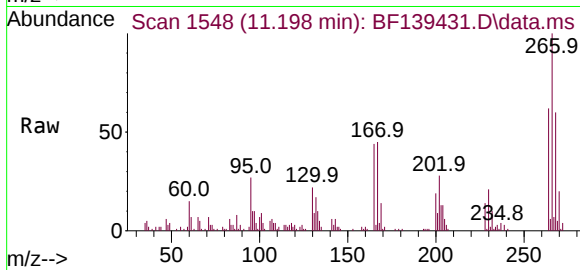
Tgt Ion:200 Resp: 5608

Ion Ratio Lower Upper

200 100

173 0.0 6.1 46.1#

215 0.0 28.2 68.2#



#70

Pentachlorophenol

Concen: 18.467 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

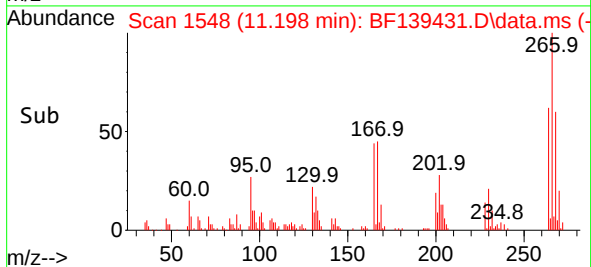
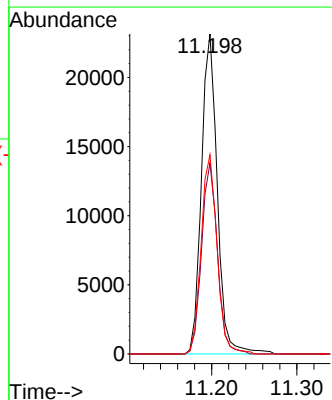
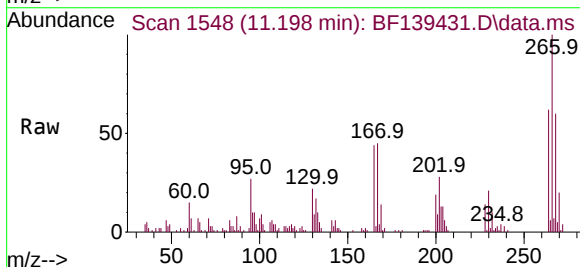
Tgt Ion:266 Resp: 29995

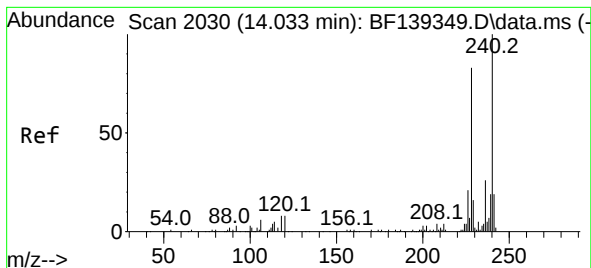
Ion Ratio Lower Upper

266 100

268 59.7 51.1 76.7

264 62.2 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: BF139431.D

Acq: 18 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409

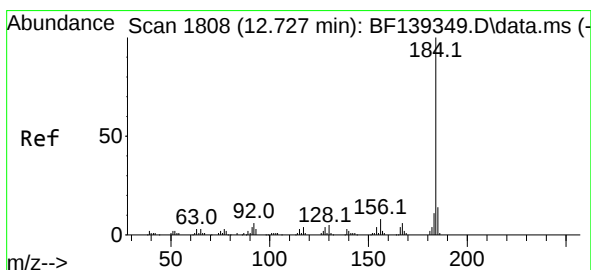
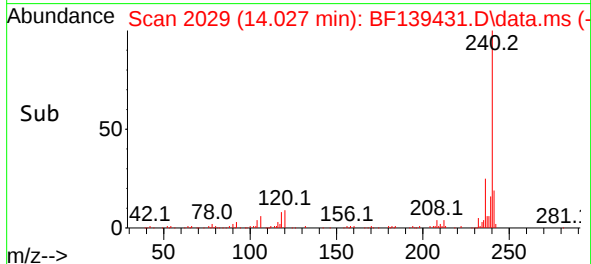
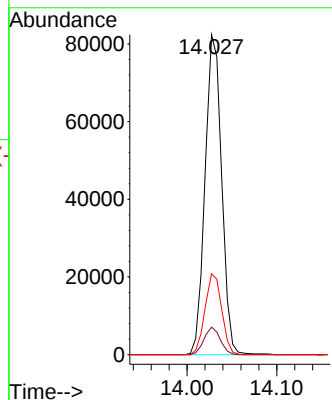
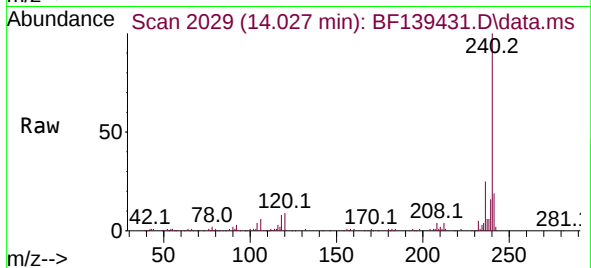
Tgt Ion:240 Resp: 105843

Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.2

236 25.3 20.9 31.3



#77

Benzidine

Concen: 8.534 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139431.D

Acq: 18 Sep 2024 17:52

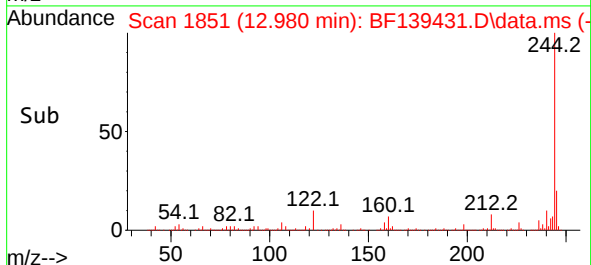
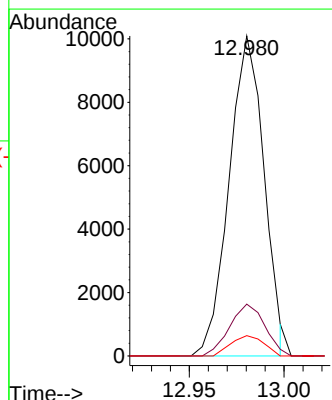
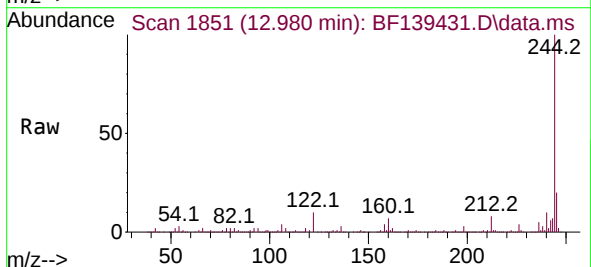
Tgt Ion:184 Resp: 12941

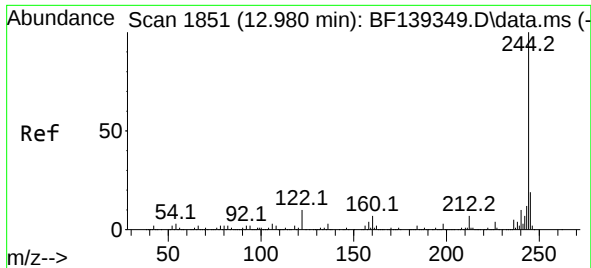
Ion Ratio Lower Upper

184 100

185 16.2 11.5 17.3

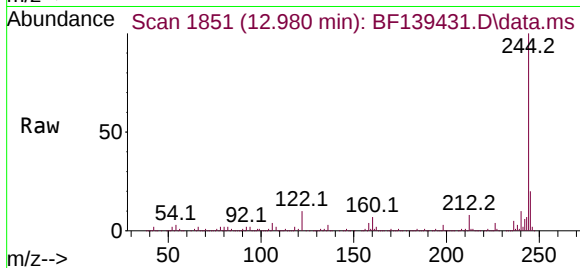
183 6.3 8.9 13.3#



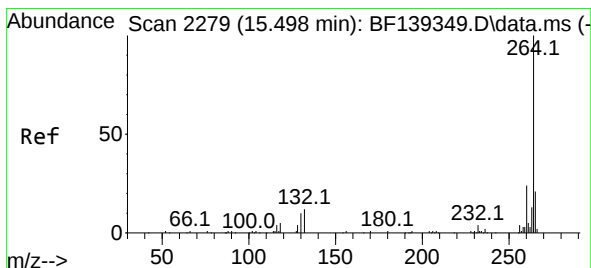
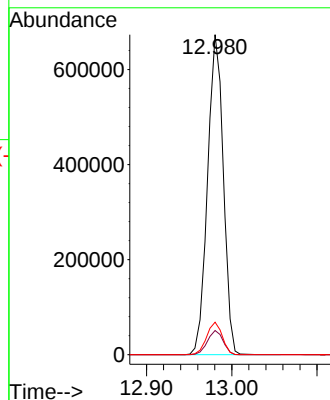
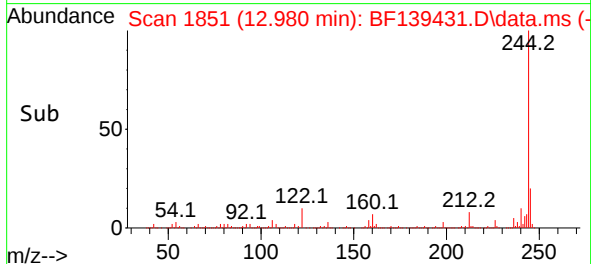


#79
Terphenyl-d14
Concen: 134.110 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139431.D
Acq: 18 Sep 2024 17:52

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



Tgt Ion:244 Resp: 864792
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.2 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: BF139431.D
Acq: 18 Sep 2024 17:52

Tgt Ion:264 Resp: 127244
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.3 16.6 25.0

