

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139512.D
 Acq On : 20 Sep 2024 20:17
 Operator : RC/JU
 Sample : P4103-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Quant Time: Sep 20 23:22:57 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)

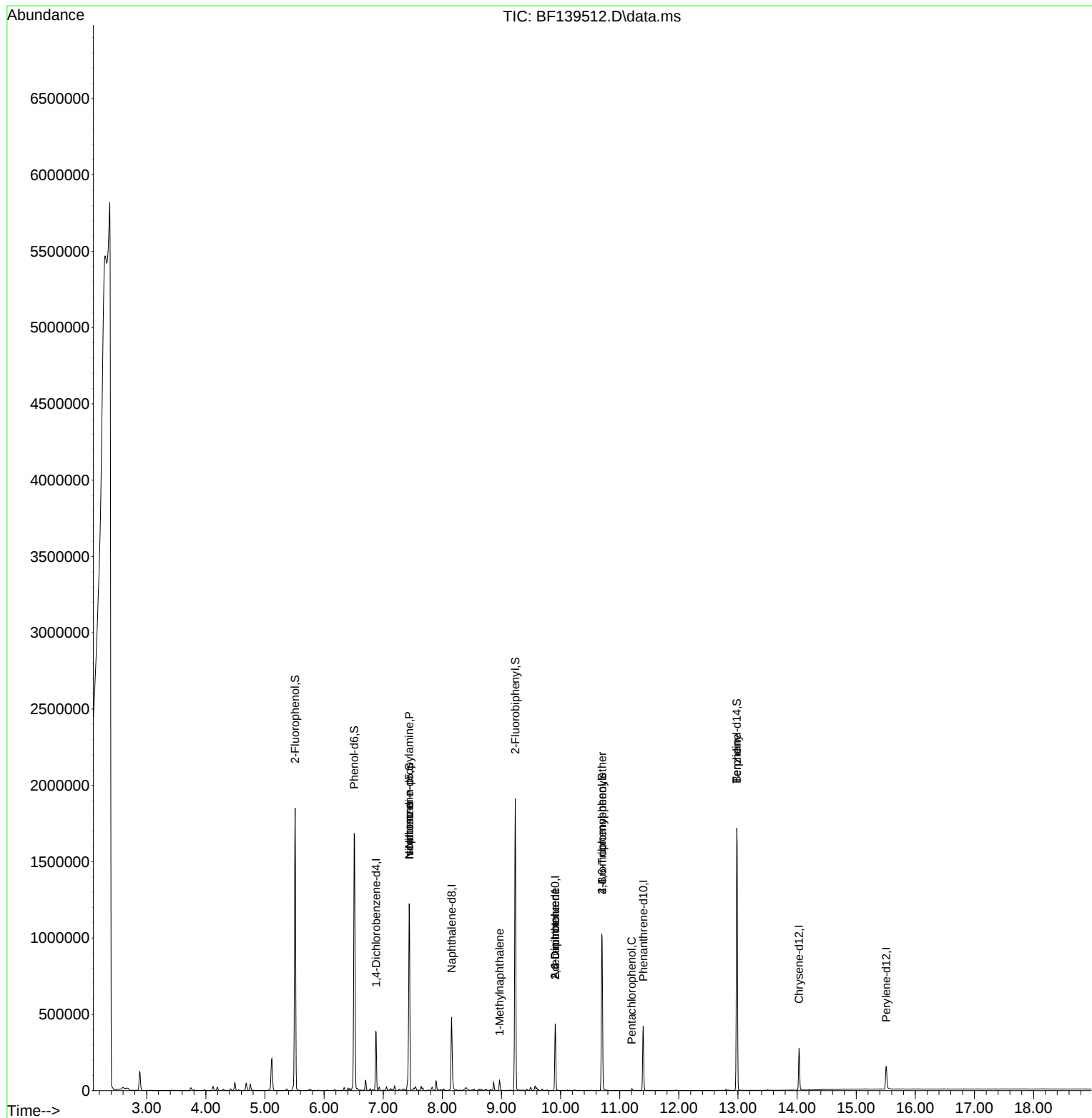
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	78495	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271926	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	125895	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	219540	20.000	ng	0.00
76) Chrysene-d12	14.033	240	129376	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	96172	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621394	129.143	ng	0.02
7) Phenol-d6	6.510	99	782507	123.900	ng	0.00
23) Nitrobenzene-d5	7.439	82	523366	90.481	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	159310	118.861	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	825028	91.911	ng	0.00
79) Terphenyl-d14	12.980	244	846386	107.381	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	71510	19.107	ng	# 75
25) Isophorone	7.439	82	523362	57.211	ng	# 66
38) 1-Methylnaphthalene	8.969	142	22757	2.572	ng	98
51) 2,6-Dinitrotoluene	9.910	165	16302	8.906	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	16302	6.596	ng	# 16
67) 4-Bromophenyl-phenylether	10.704	248	11229	5.161	ng	# 1
70) Pentachlorophenol	11.204	266	3278	2.140	ng	99
77) Benzidine	12.980	184	12110	6.533	ng	# 91

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

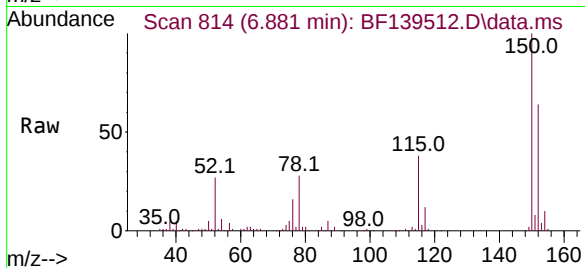
Quant Time: Sep 20 23:22:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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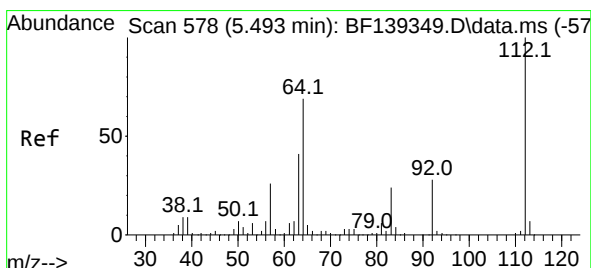
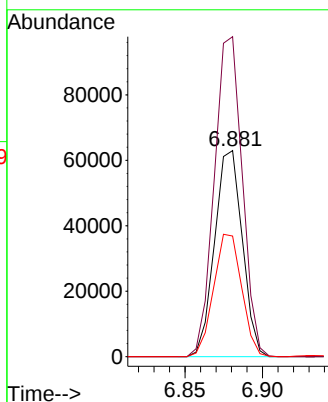
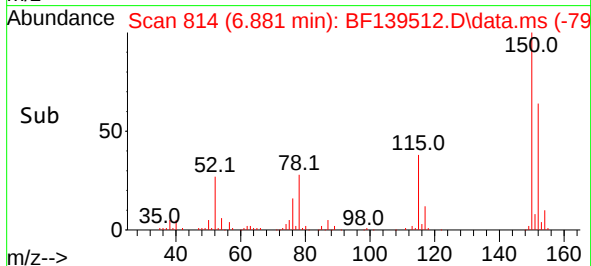


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

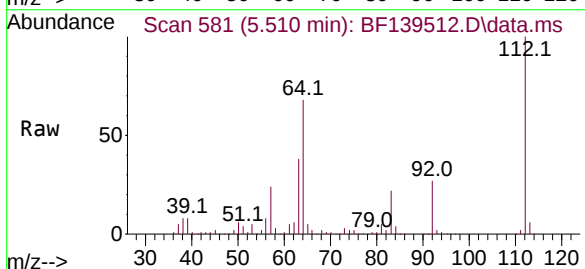
Instrument :
BNA_F
ClientSampleId :
WC-23



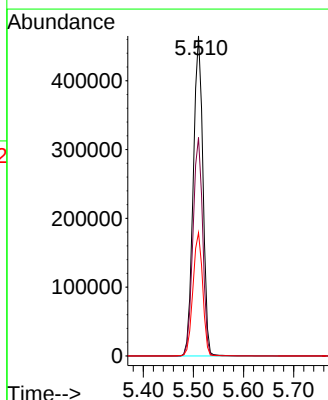
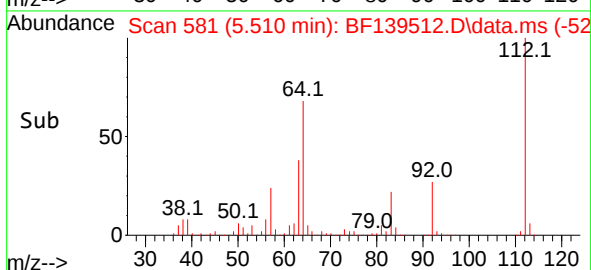
Tgt Ion:152 Resp: 78495
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 58.6 48.1 72.1

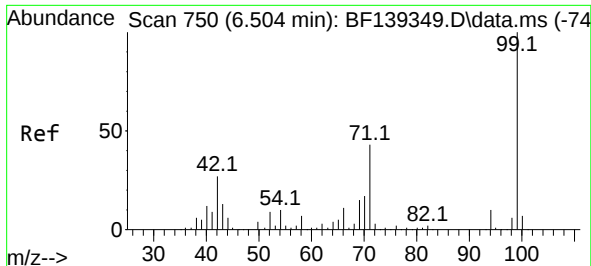


#5
2-Fluorophenol
Concen: 129.143 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17



Tgt Ion:112 Resp: 621394
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 38.5 33.0 49.4

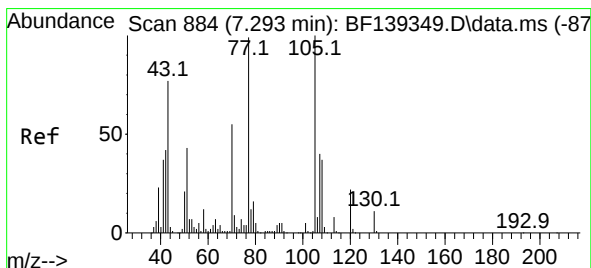
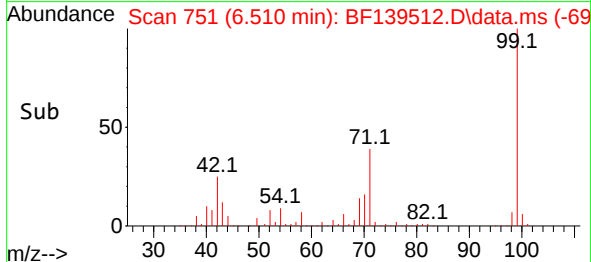
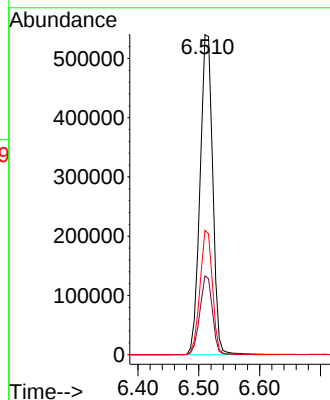
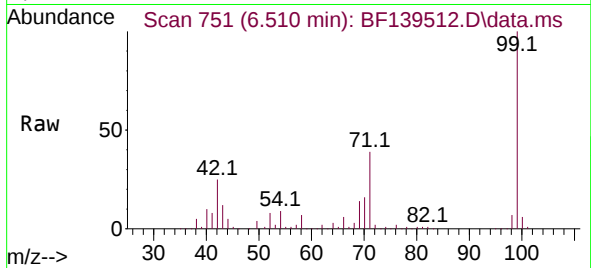




#7
Phenol-d6
Concen: 123.900 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

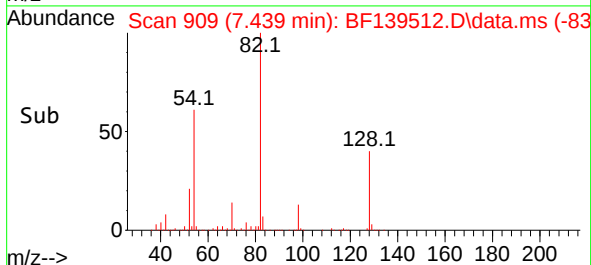
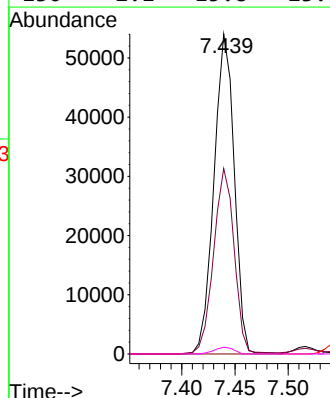
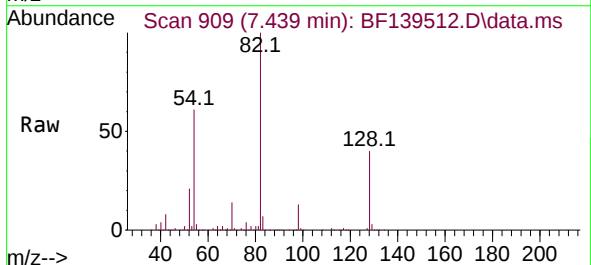
Instrument :
BNA_F
ClientSampleId :
WC-23

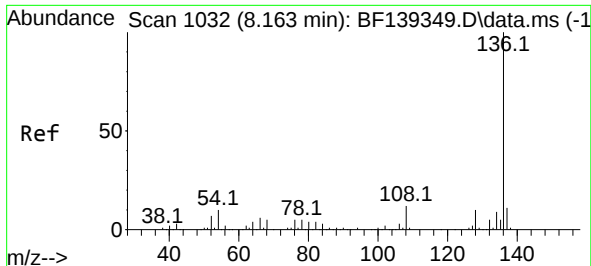
Tgt Ion: 99 Resp: 782507
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.107 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion: 70 Resp: 71510
Ion Ratio Lower Upper
70 100
42 58.0 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#

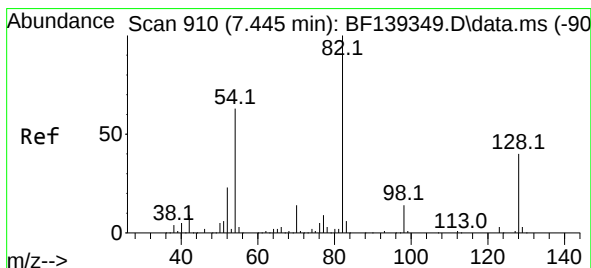
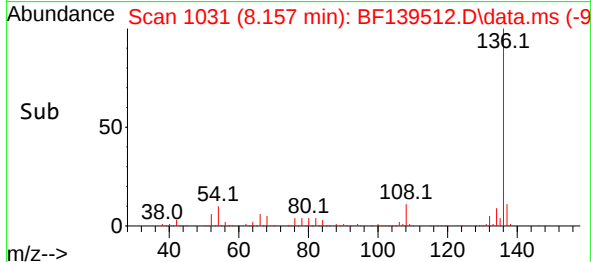
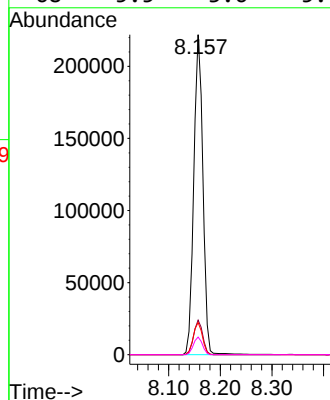
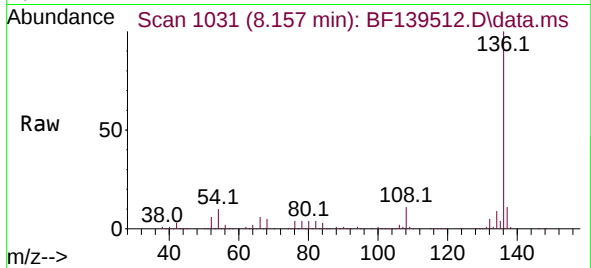




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

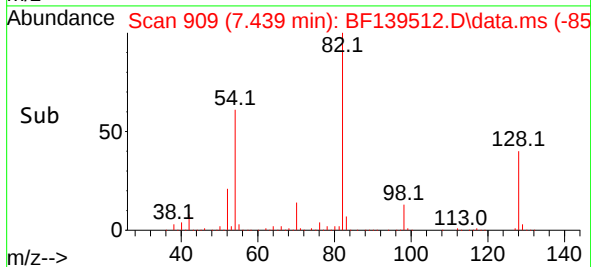
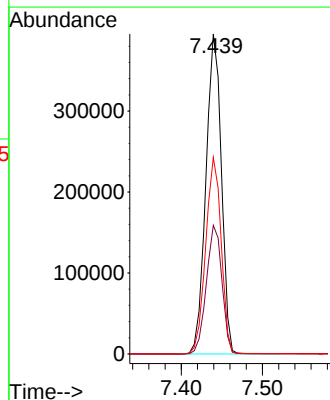
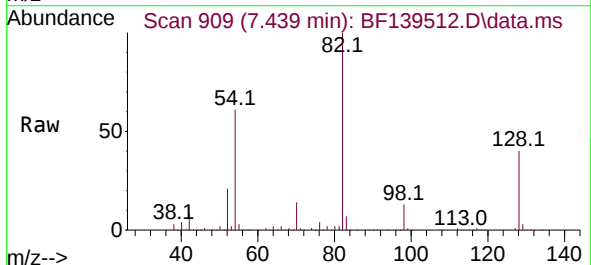
Instrument :
BNA_F
ClientSampleId :
WC-23

Tgt Ion:136 Resp: 271926
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 90.481 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion: 82 Resp: 523366
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 61.4 50.6 75.8

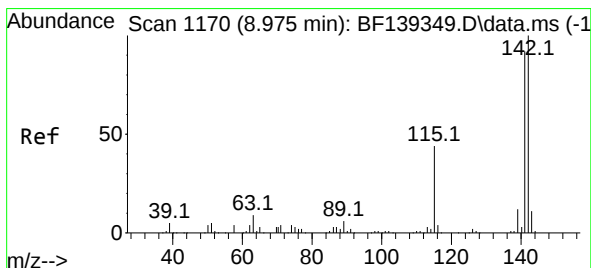
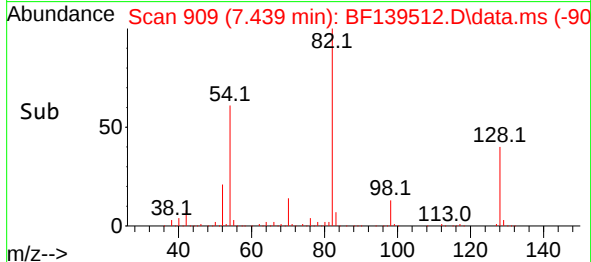
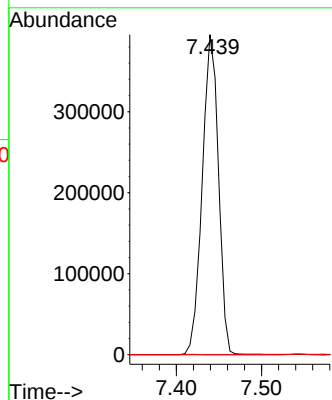
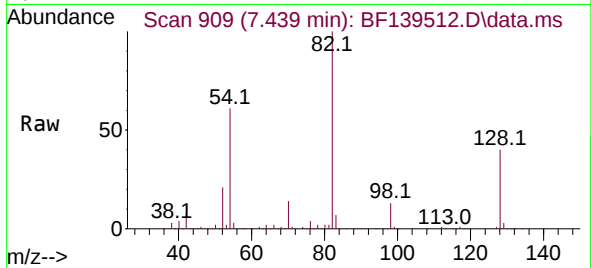




#25
Isophorone
Concen: 57.211 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

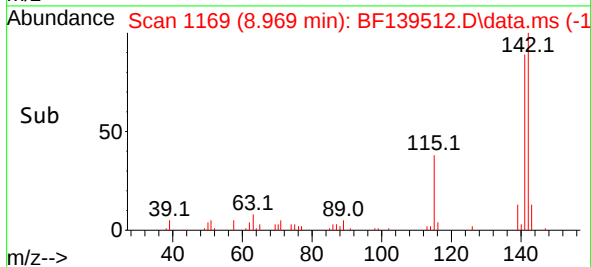
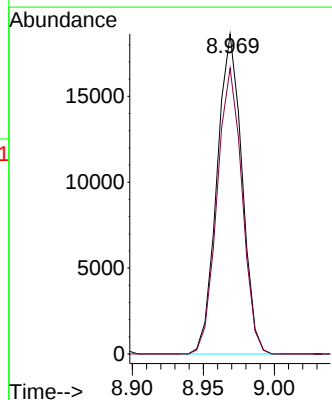
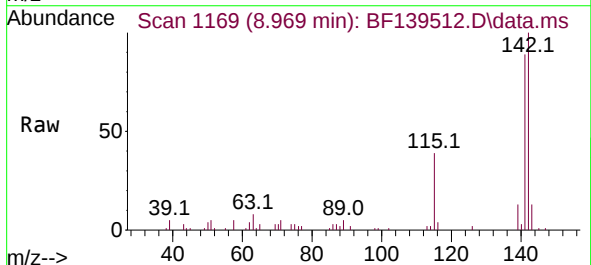
Instrument :
BNA_F
ClientSampleId :
WC-23

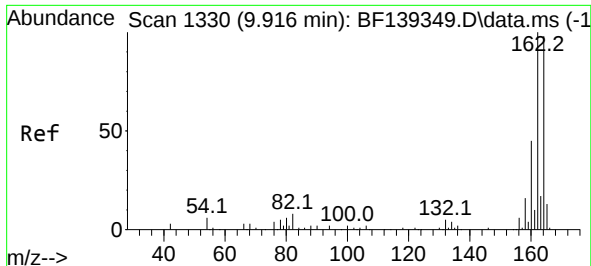
Tgt Ion: 82 Resp: 523362
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#38
1-Methylnaphthalene
Concen: 2.572 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion: 142 Resp: 22757
Ion Ratio Lower Upper
142 100
141 89.3 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

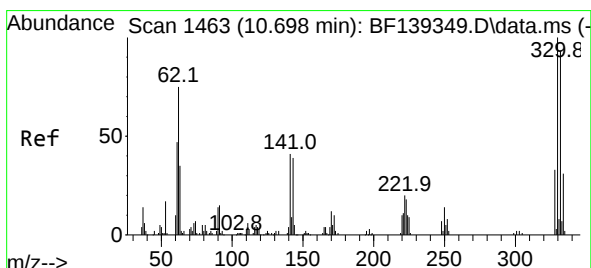
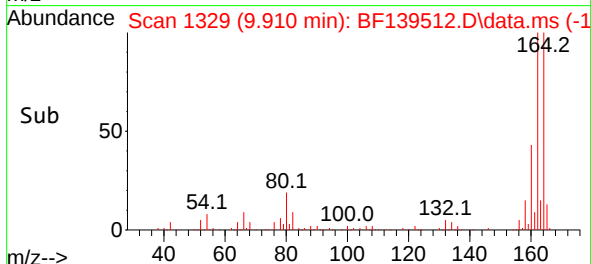
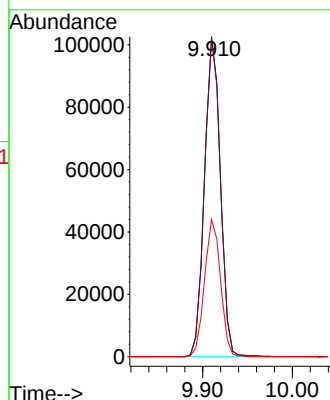
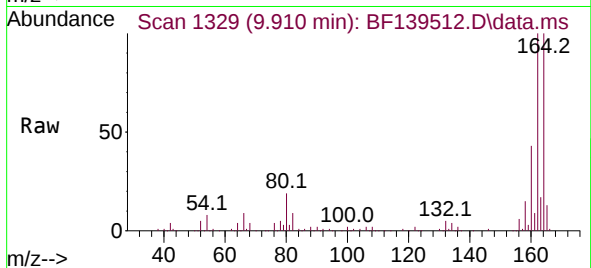
Tgt Ion:164 Resp: 125895

Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

160 42.9 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 118.861 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

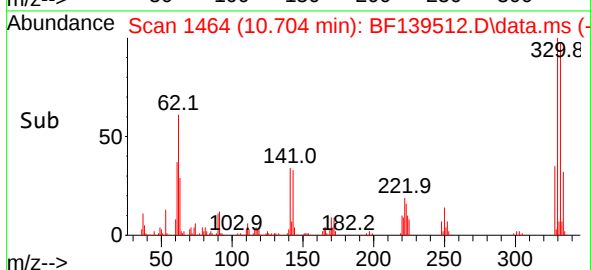
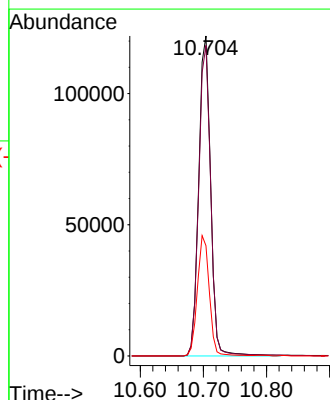
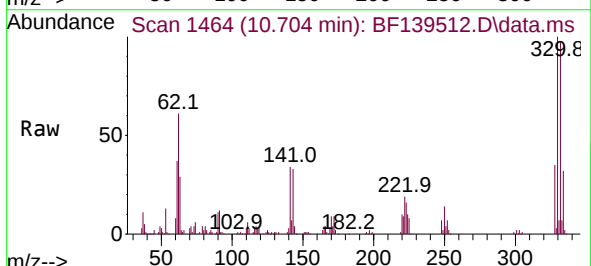
Tgt Ion:330 Resp: 159310

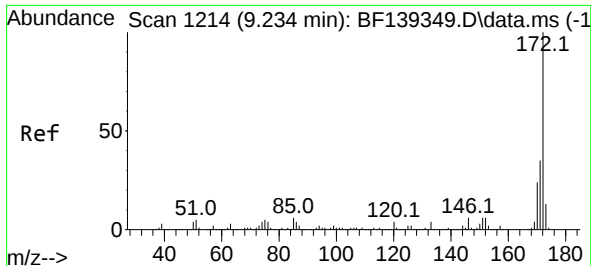
Ion Ratio Lower Upper

330 100

332 97.8 75.2 112.8

141 37.7 31.2 46.8

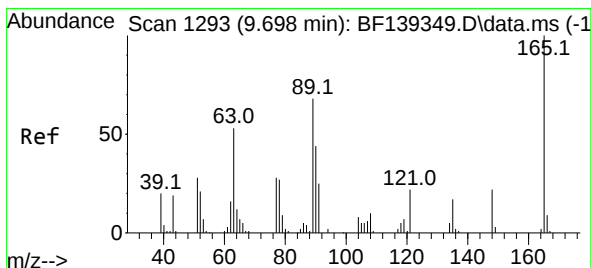
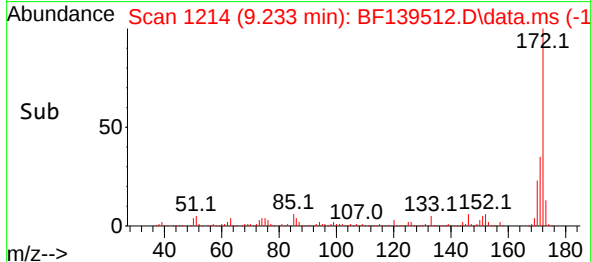
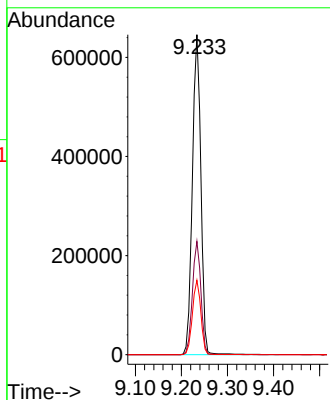
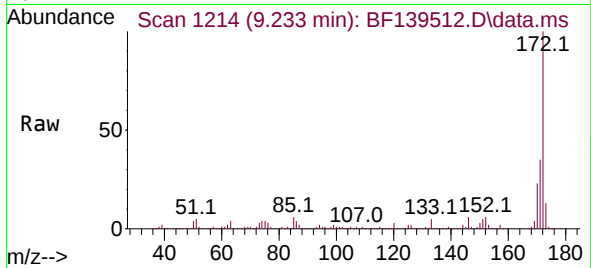




#45
2-Fluorobiphenyl
Concen: 91.911 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

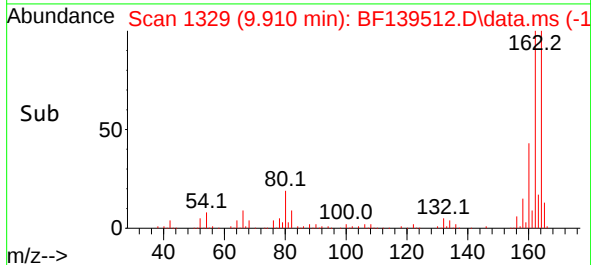
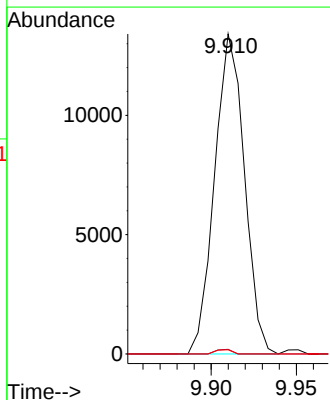
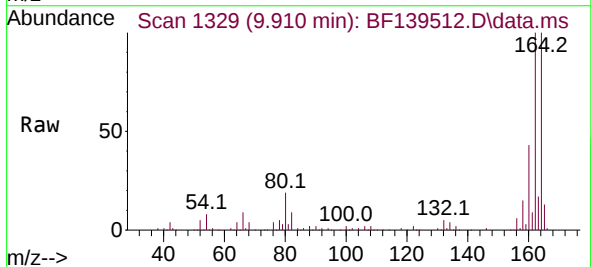
Instrument :
BNA_F
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WC-23

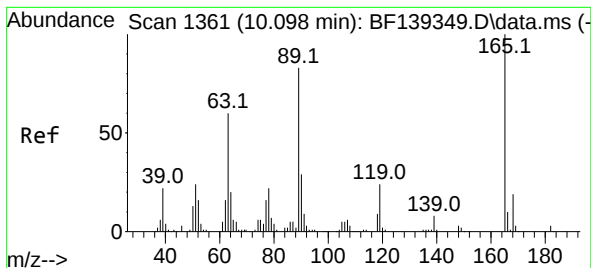
Tgt Ion:172 Resp: 825028
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.906 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion:165 Resp: 16302
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.3 54.7 82.1#

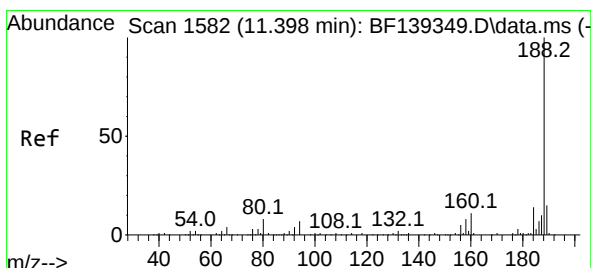
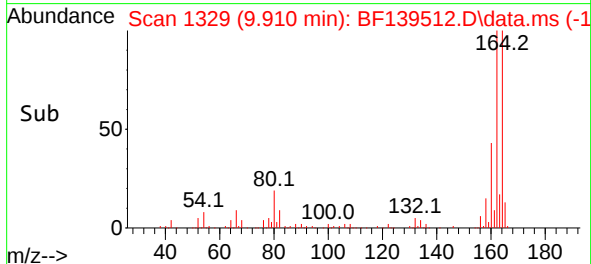
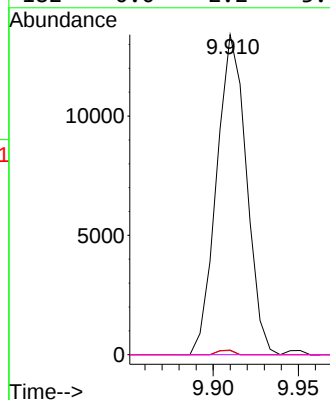
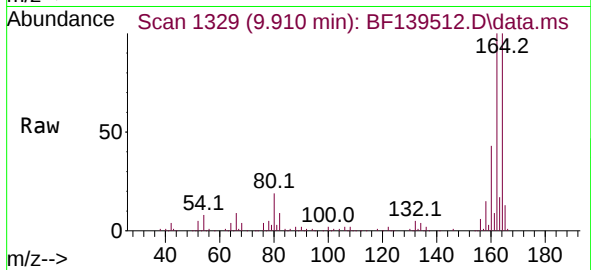




#57
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

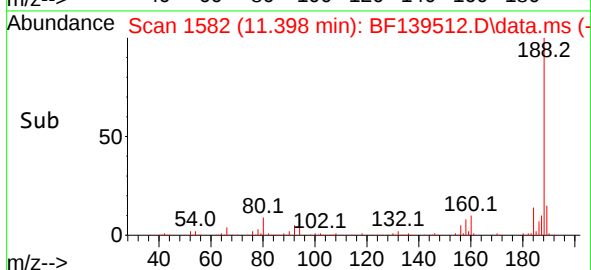
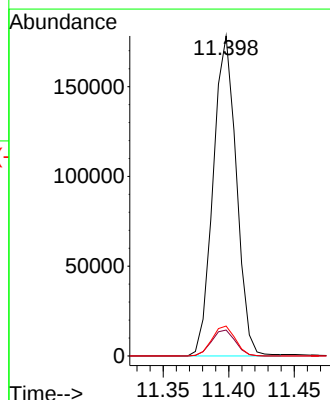
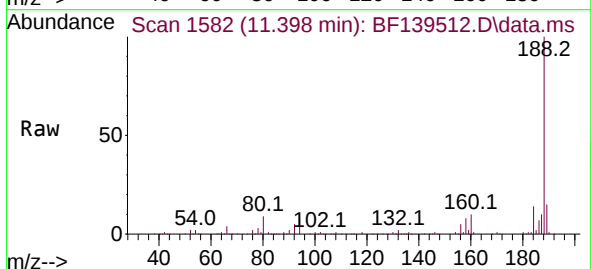
Instrument :
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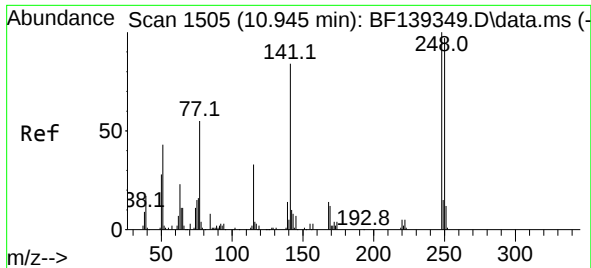
Tgt Ion:165 Resp: 16302
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion:188 Resp: 219540
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.3 6.6 9.8

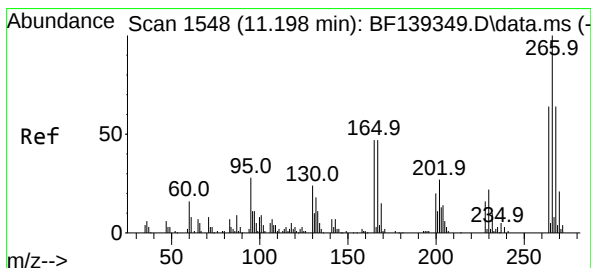
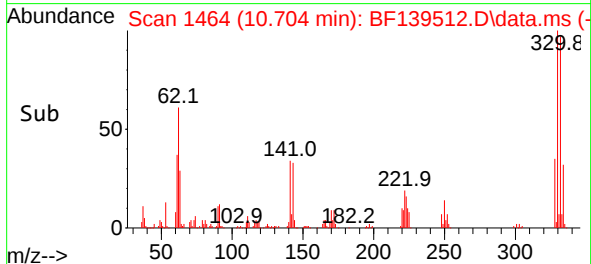
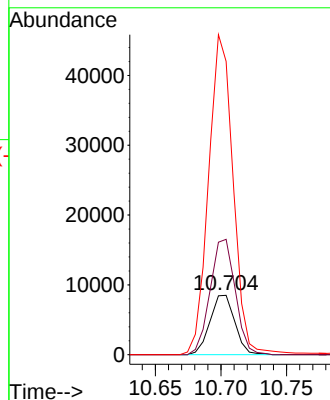
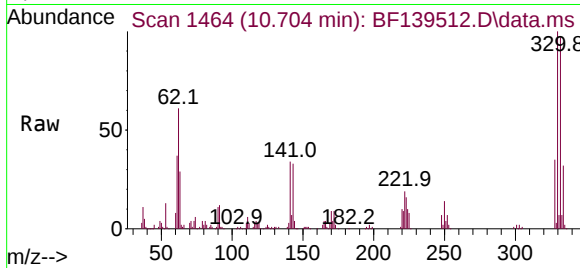




#67
4-Bromophenyl-phenylether
Concen: 5.161 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

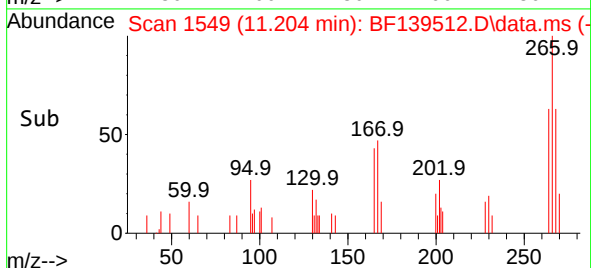
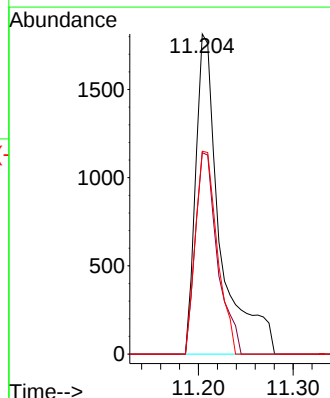
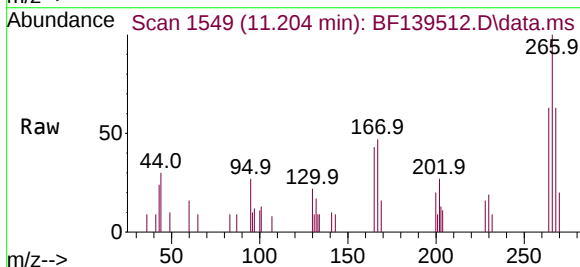
Instrument :
BNA_F
ClientSampleId :
WC-23

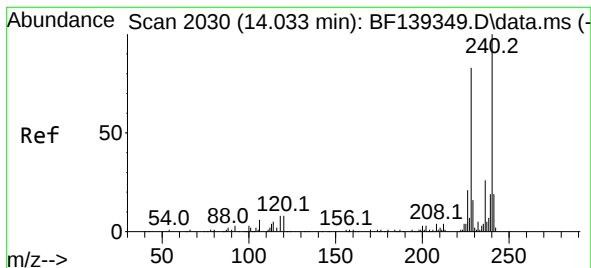
Tgt Ion:248 Resp: 11229
Ion Ratio Lower Upper
248 100
250 194.3 77.6 116.4#
141 493.7 66.9 100.3#



#70
Pentachlorophenol
Concen: 2.140 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion:266 Resp: 3278
Ion Ratio Lower Upper
266 100
268 62.9 51.1 76.7
264 63.4 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

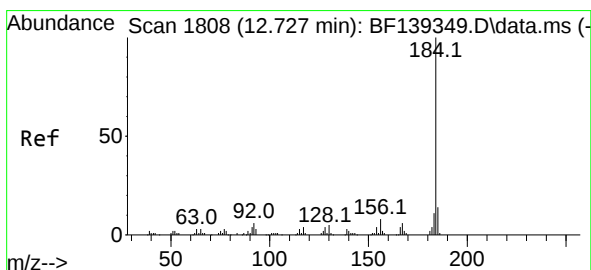
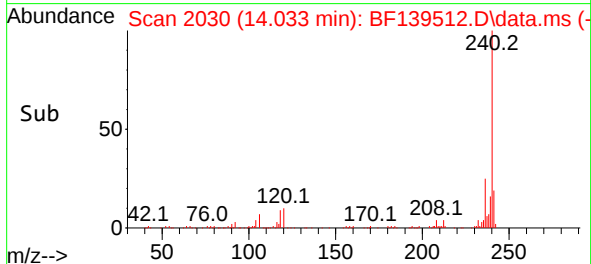
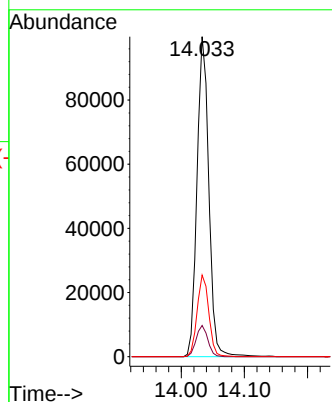
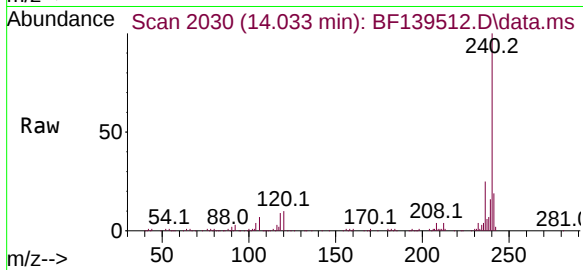
Tgt Ion:240 Resp: 129376

Ion Ratio Lower Upper

240 100

120 9.8 6.2 9.2#

236 25.5 20.9 31.3



#77

Benzdine

Concen: 6.533 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

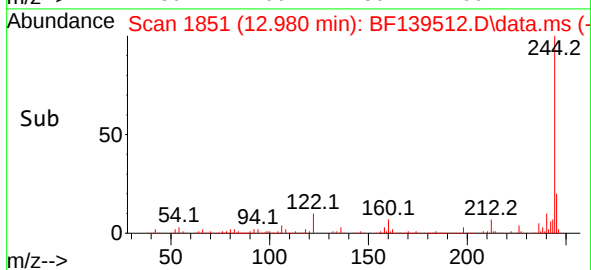
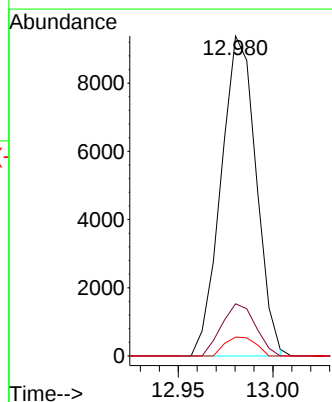
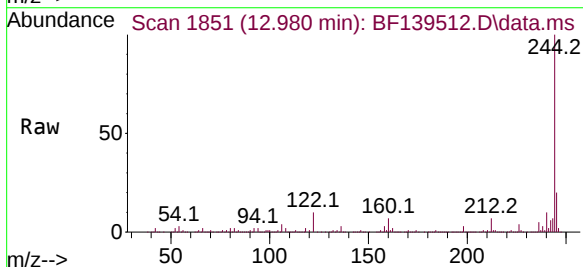
Tgt Ion:184 Resp: 12110

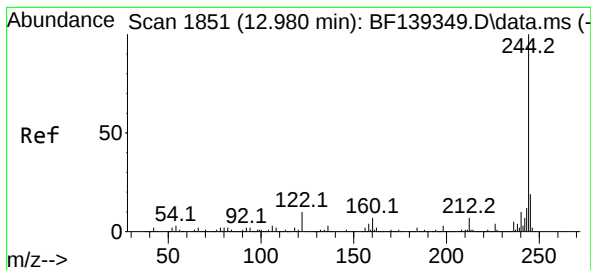
Ion Ratio Lower Upper

184 100

185 16.3 11.5 17.3

183 5.9 8.9 13.3#





#79

Terphenyl-d14

Concen: 107.381 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

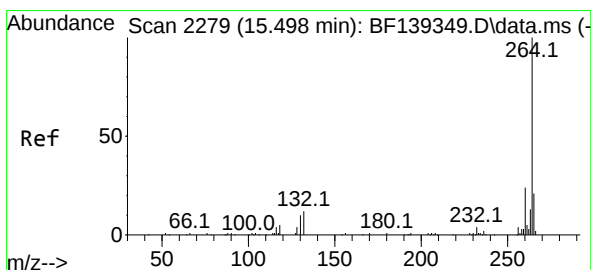
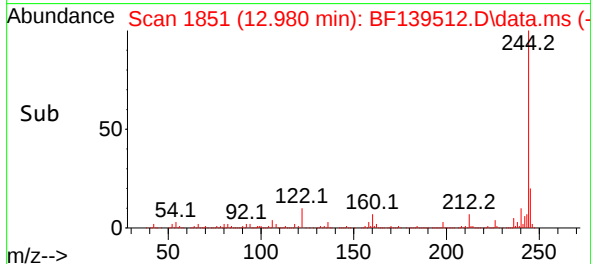
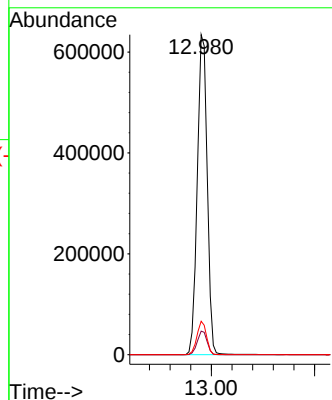
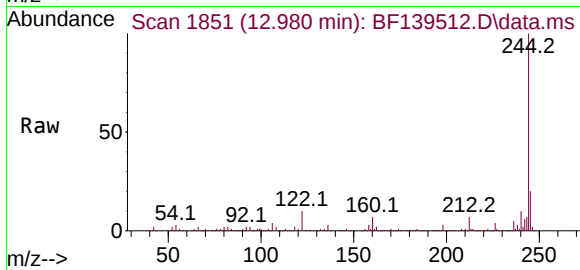
Tgt Ion:244 Resp: 846386

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Tgt Ion:264 Resp: 96172

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.8 16.6 25.0

