

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139150.D
 Acq On : 23 Aug 2024 16:43
 Operator : RC/JU
 Sample : P3707-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-913-K1-SO-0.5-1-082024

Quant Time: Aug 23 17:19:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

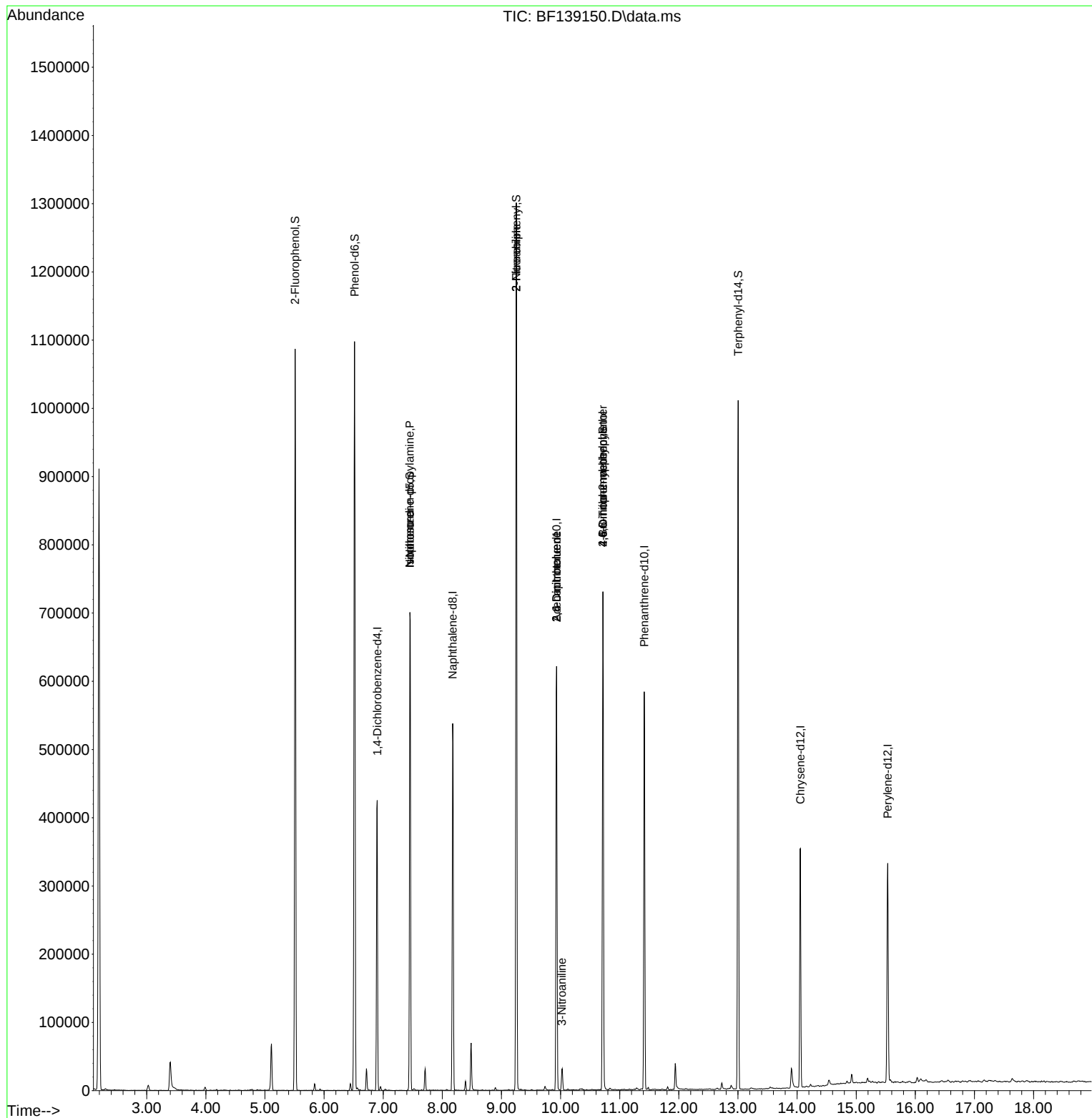
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	85538	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	316764	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	182657	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	296118	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170138	20.000	ng	0.00
86) Perylene-d12	15.533	264	187313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	358863	64.546	ng	0.00
7) Phenol-d6	6.516	99	473820	65.956	ng	0.00
23) Nitrobenzene-d5	7.451	82	310167	57.056	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	108926	65.873	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	525904	45.681	ng	0.00
79) Terphenyl-d14	13.004	244	478682	46.684	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	42207	8.947	ng	# 81
25) Isophorone	7.451	82	310161	26.844	ng	# 69
48) 2-Nitroaniline	9.251	65	1008	5.962	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	23329	13.861	ng	# 16
53) 3-Nitroaniline	10.022	138	125	4.224	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	23329	12.822	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	271	6.748	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	8084	2.576	ng	# 1

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

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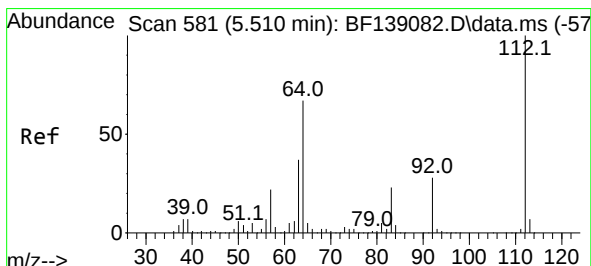
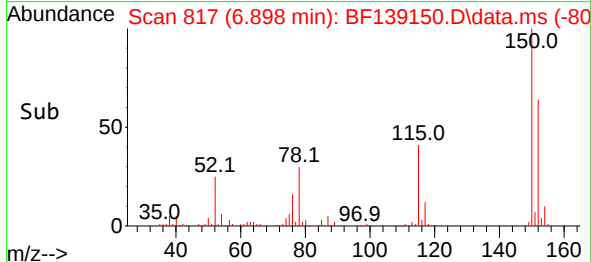
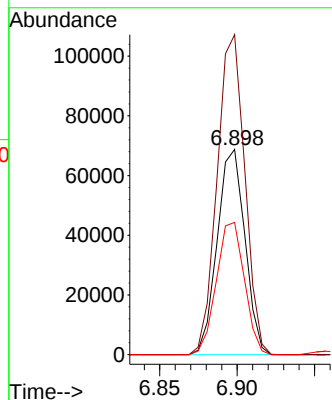
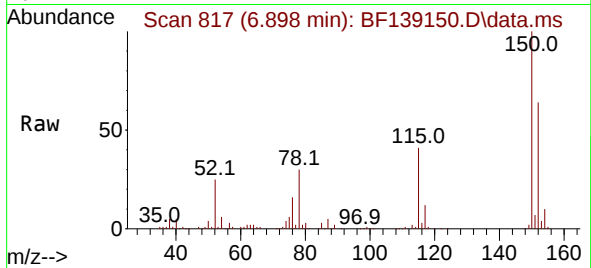




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

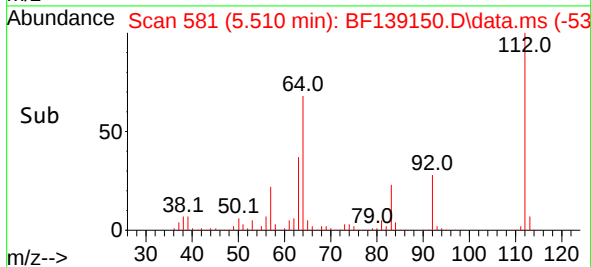
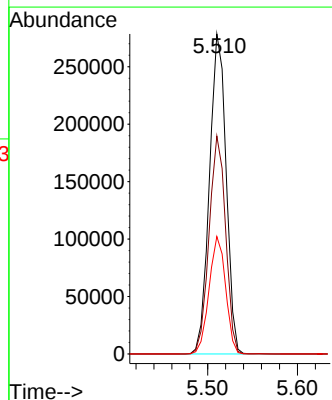
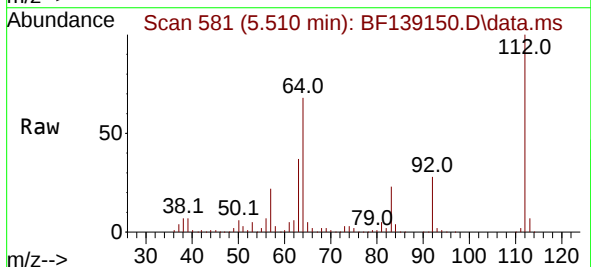
Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024

Tgt Ion:152 Resp: 85538
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 64.5 51.8 77.6



#5
2-Fluorophenol
Concen: 64.546 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Tgt Ion:112 Resp: 358863
Ion Ratio Lower Upper
112 100
64 68.1 53.8 80.6
63 36.7 29.4 44.2

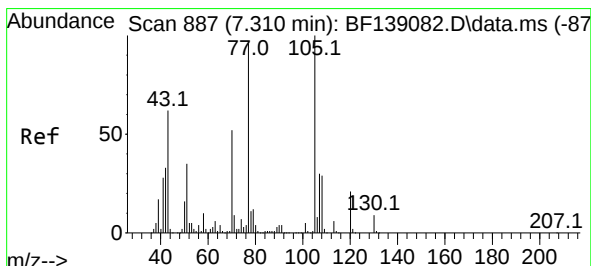
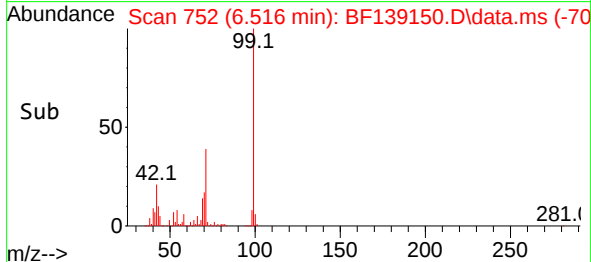
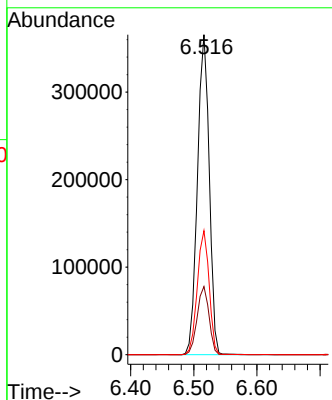
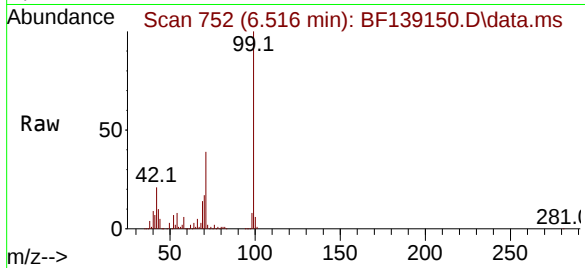




#7
Phenol-d6
Concen: 65.956 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

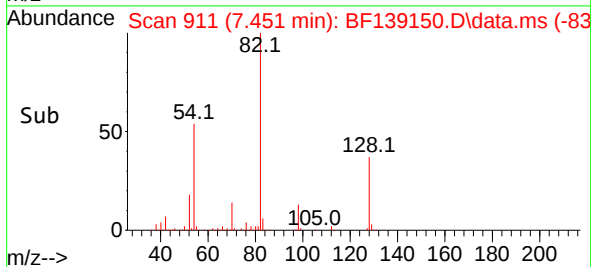
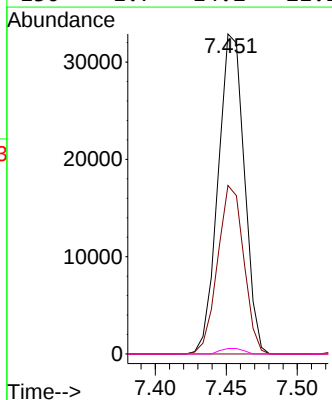
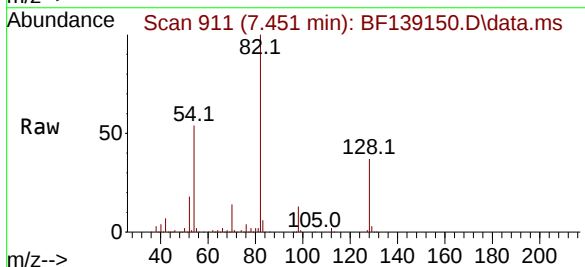
Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024

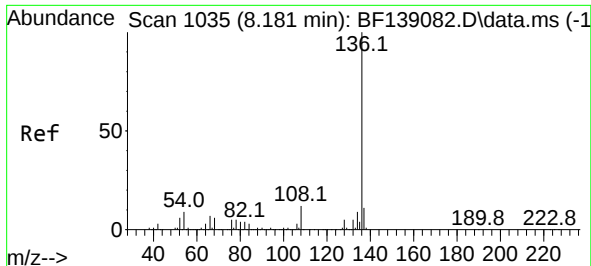
Tgt Ion: 99 Resp: 473820
Ion Ratio Lower Upper
99 100
42 21.3 17.4 26.2
71 38.8 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.947 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Tgt Ion: 70 Resp: 42207
Ion Ratio Lower Upper
70 100
42 52.7 50.5 75.7
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#

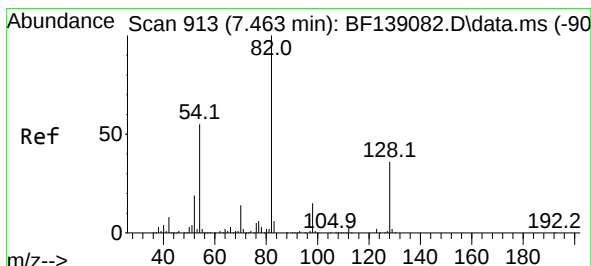
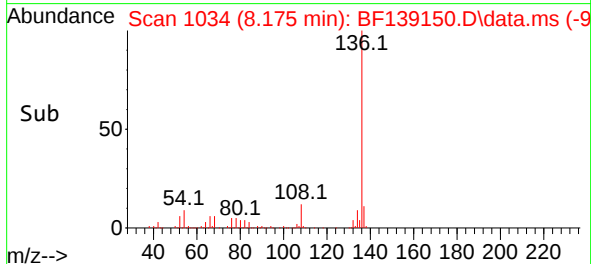
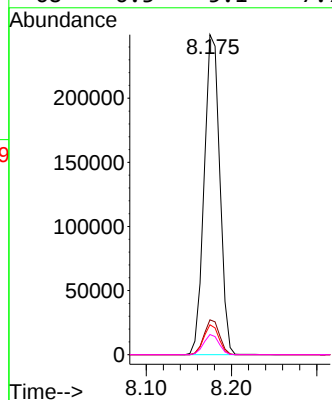
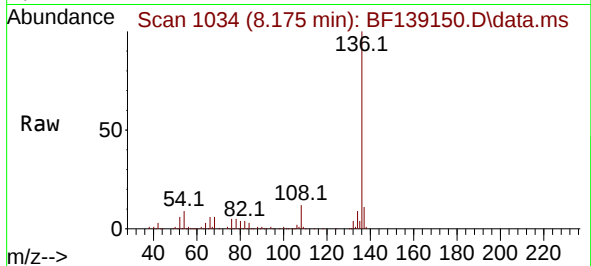




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

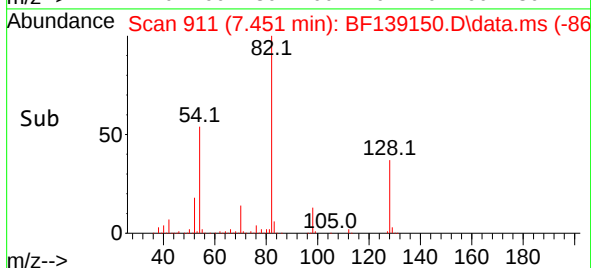
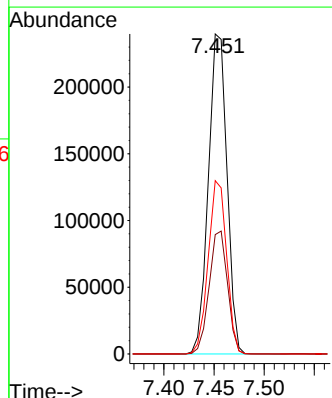
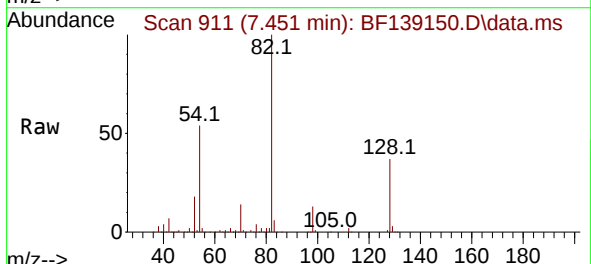
Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024

Tgt Ion:	136	Resp:	316764
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	7.6	11.4
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 57.056 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Tgt Ion:	82	Resp:	310167
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.0	43.4
54	54.1	43.4	65.2

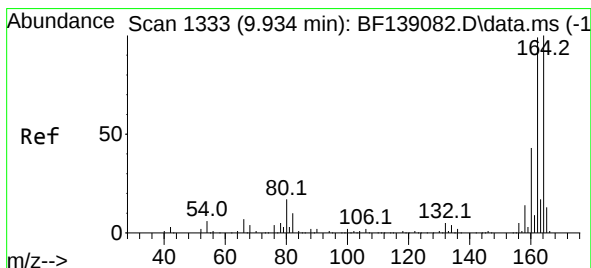
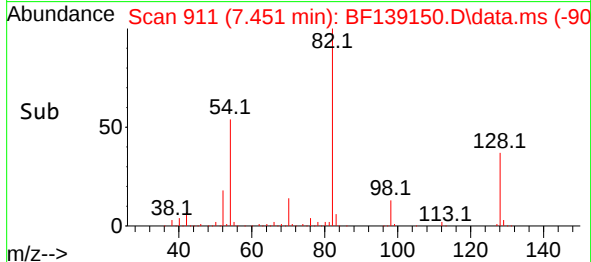
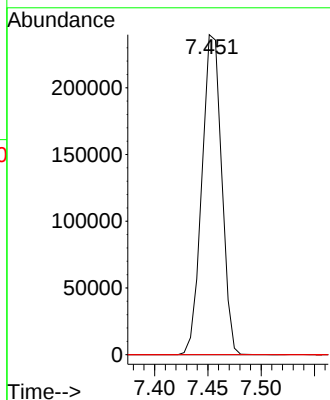
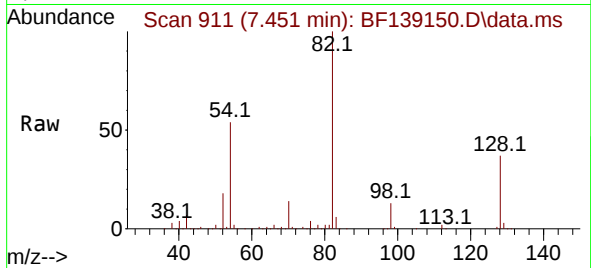




#25
Isophorone
Concen: 26.844 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

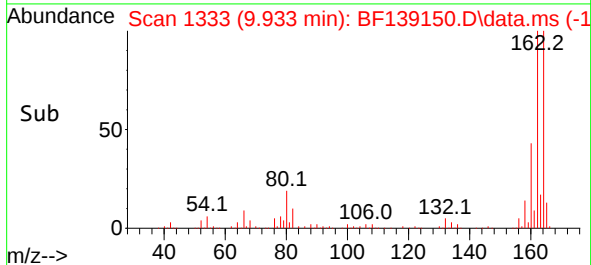
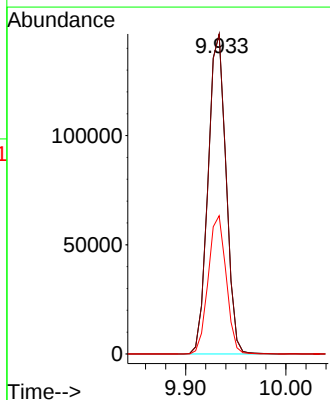
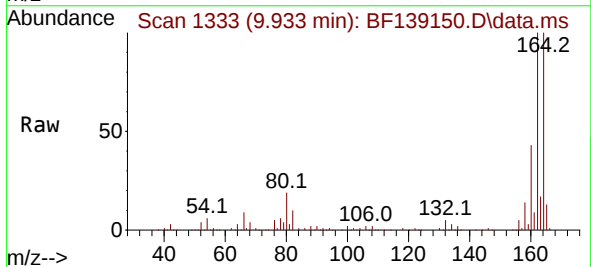
Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024

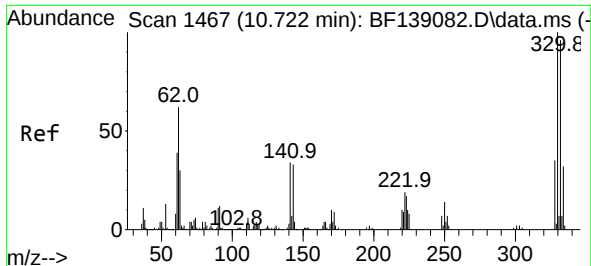
Tgt Ion: 82 Resp: 310161
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Tgt Ion:164 Resp: 182657
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 43.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 65.873 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139150.D

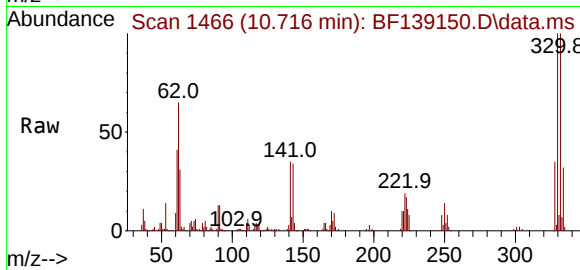
Acq: 23 Aug 2024 16:43

Instrument :

BNA_F

ClientSampleId :

S-913-K1-SO-0.5-1-082024



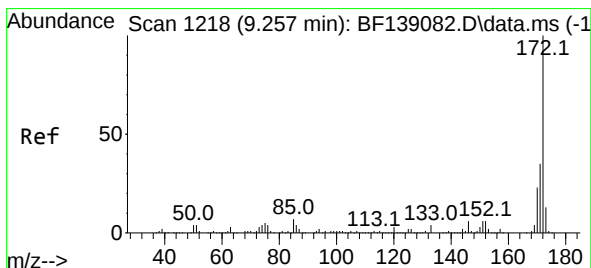
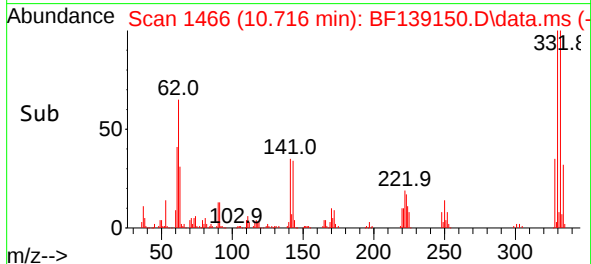
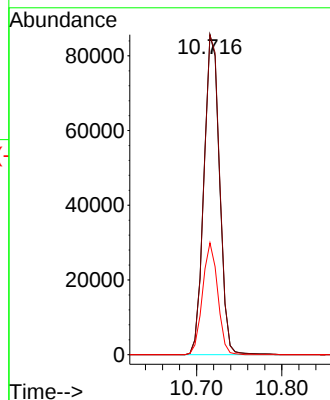
Tgt Ion:330 Resp: 108926

Ion Ratio Lower Upper

330 100

332 100.3 77.0 115.6

141 33.9 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 45.681 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139150.D

Acq: 23 Aug 2024 16:43

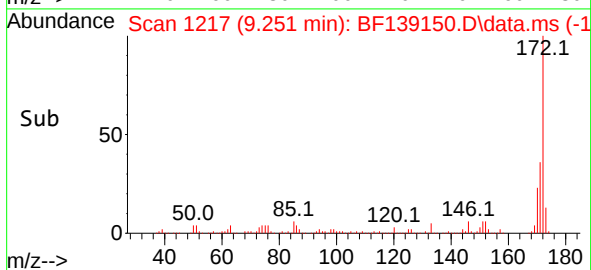
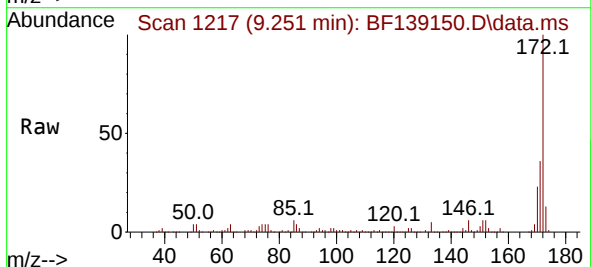
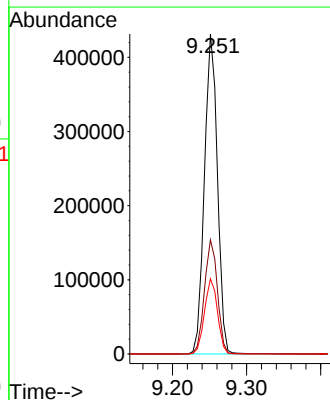
Tgt Ion:172 Resp: 525904

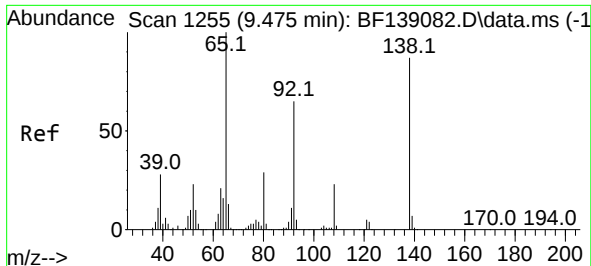
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 18.8 28.2





#48

2-Nitroaniline

Concen: 5.962 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.224 min

Lab File: BF139150.D

Acq: 23 Aug 2024 16:43

Instrument :

BNA_F

ClientSampleId :

S-913-K1-SO-0.5-1-082024

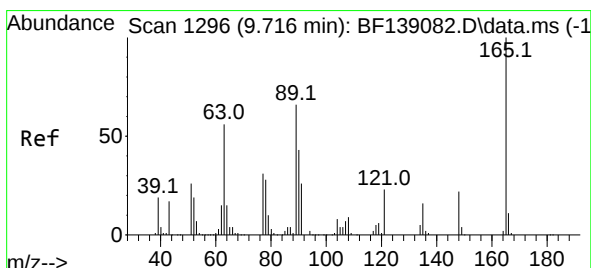
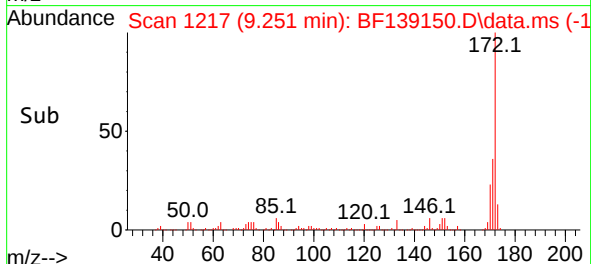
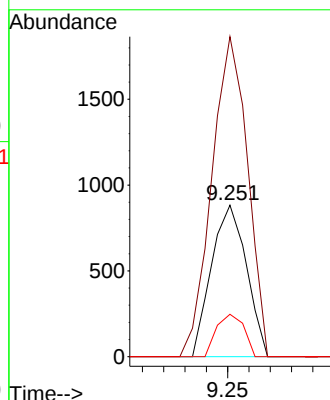
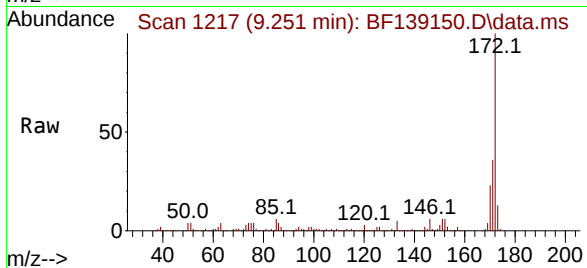
Tgt Ion: 65 Resp: 1008

Ion Ratio Lower Upper

65 100

92 211.2 52.4 78.6#

138 28.0 69.4 104.0#



#51

2,6-Dinitrotoluene

Concen: 13.861 ng

RT: 9.933 min Scan# 1333

Delta R.T. 0.217 min

Lab File: BF139150.D

Acq: 23 Aug 2024 16:43

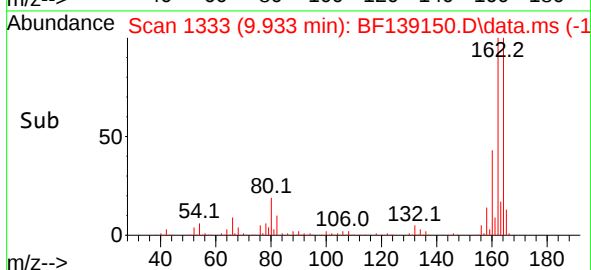
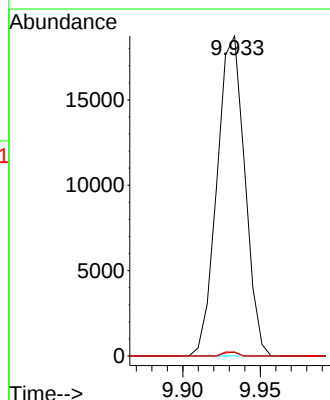
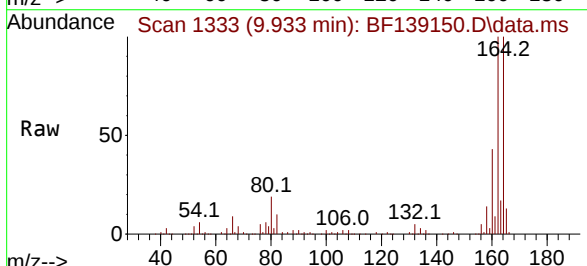
Tgt Ion: 165 Resp: 23329

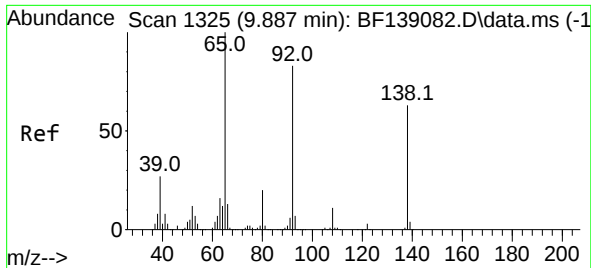
Ion Ratio Lower Upper

165 100

63 1.1 58.0 87.0#

89 1.2 53.3 79.9#

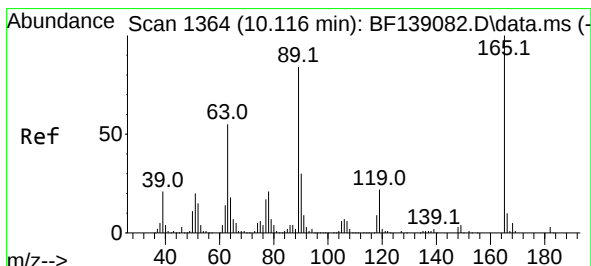
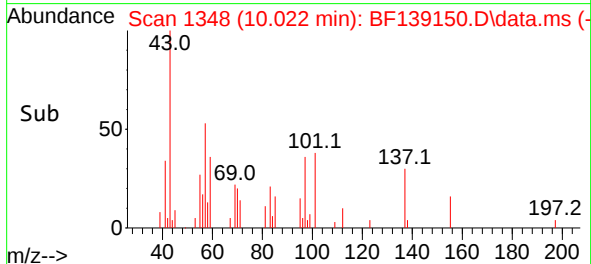
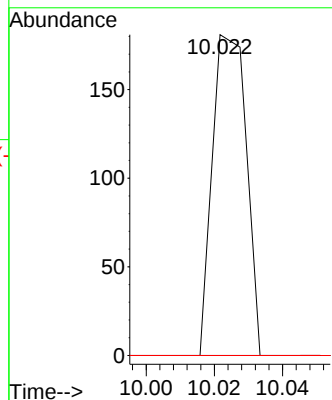
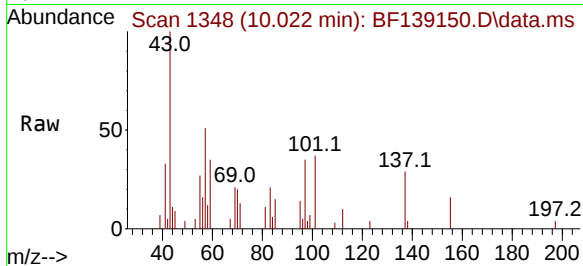




#53
3-Nitroaniline
Concen: 4.224 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

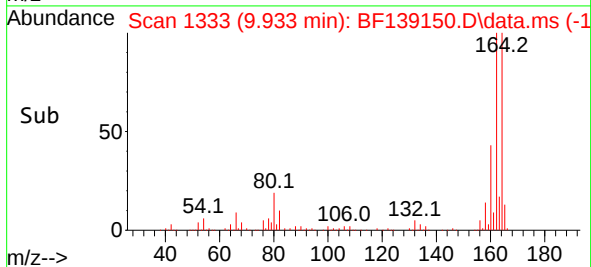
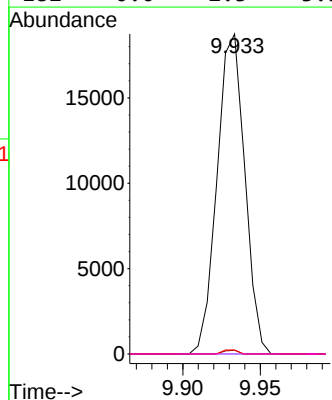
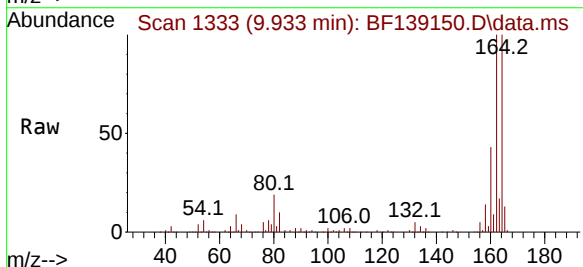
Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024

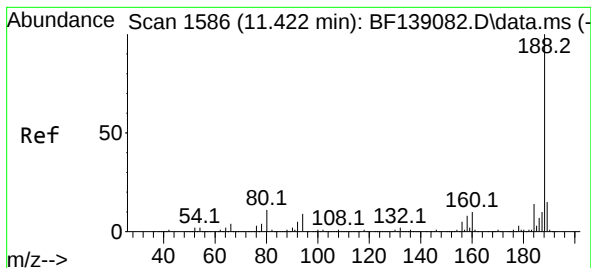
Tgt Ion:138 Resp: 125
Ion Ratio Lower Upper
138 100
108 0.0 14.6 21.8#
92 0.0 105.9 158.9#



#57
2,4-Dinitrotoluene
Concen: 12.822 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.183 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Tgt Ion:165 Resp: 23329
Ion Ratio Lower Upper
165 100
63 1.1 44.2 66.4#
89 1.2 67.4 101.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139150.D

Acq: 23 Aug 2024 16:43

Instrument :

BNA_F

ClientSampleId :

S-913-K1-SO-0.5-1-082024

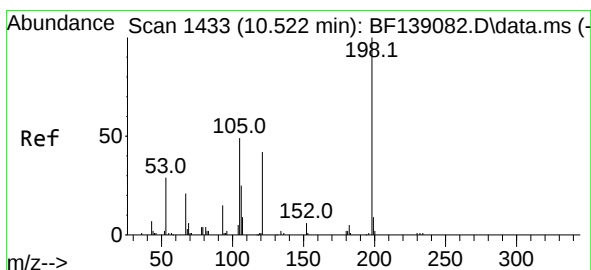
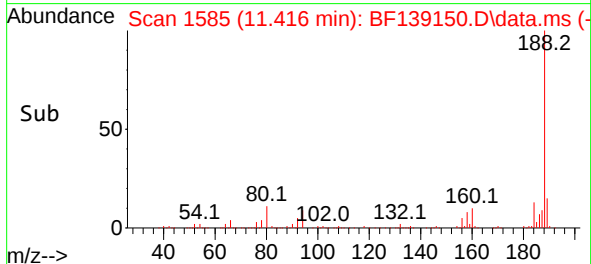
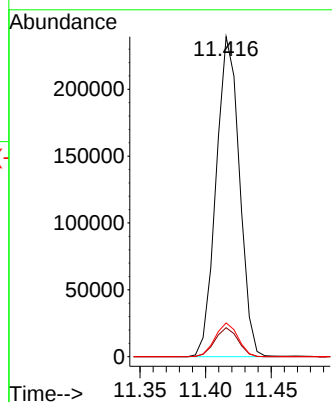
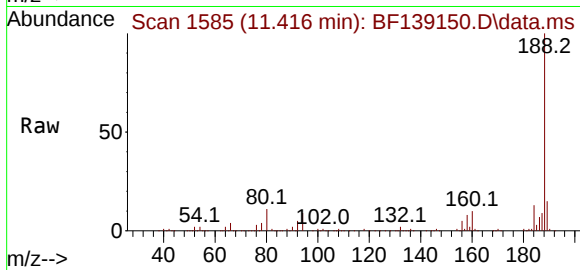
Tgt Ion:188 Resp: 296118

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.6 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 6.748 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF139150.D

Acq: 23 Aug 2024 16:43

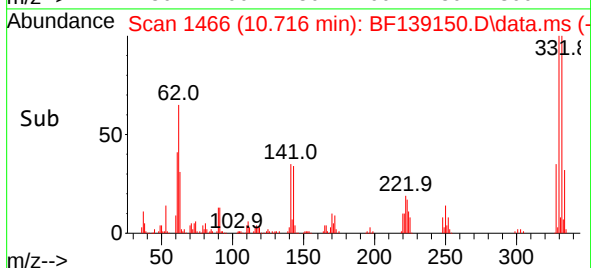
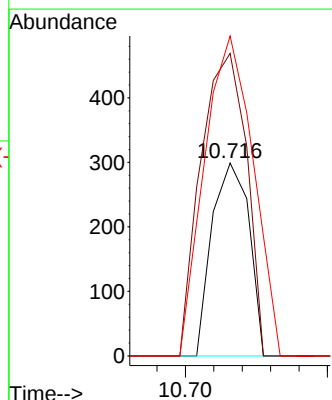
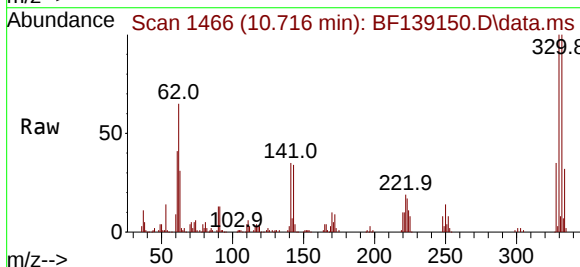
Tgt Ion:198 Resp: 271

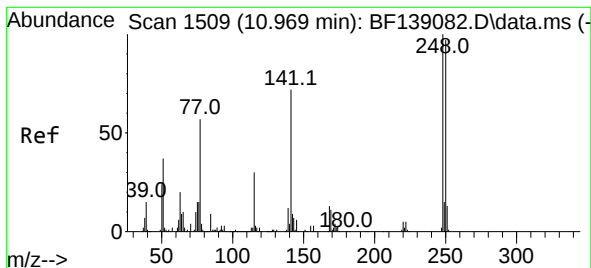
Ion Ratio Lower Upper

198 100

51 156.9 40.8 80.8#

105 165.9 30.9 70.9#

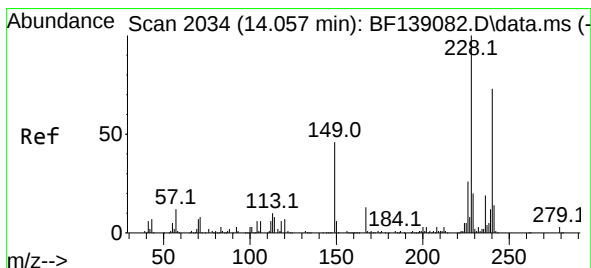
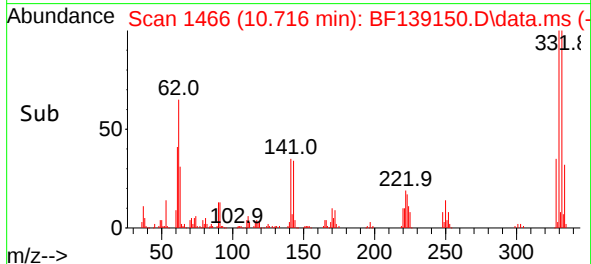
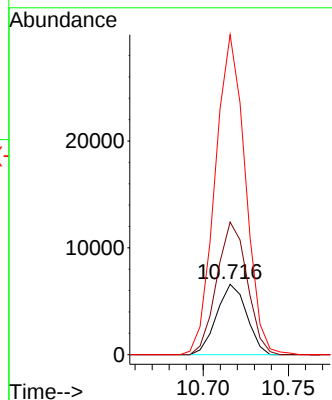
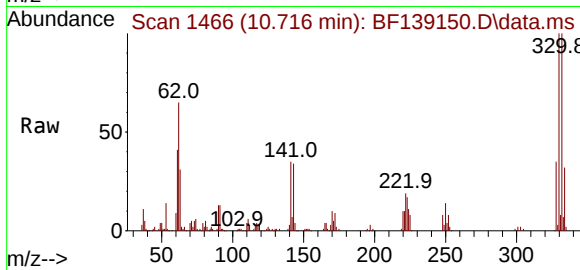




#67
4-Bromophenyl-phenylether
Concen: 2.576 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

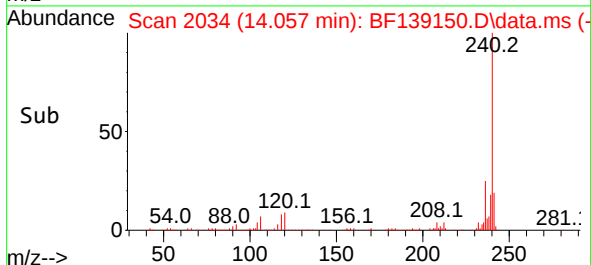
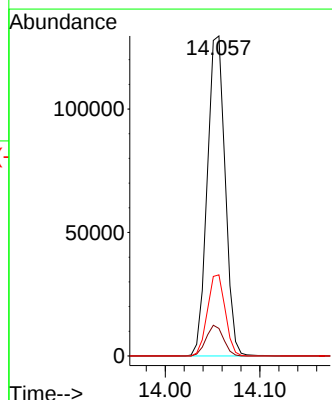
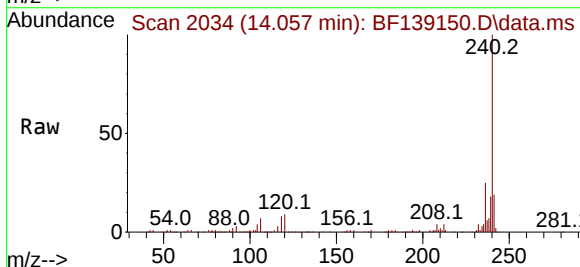
Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024

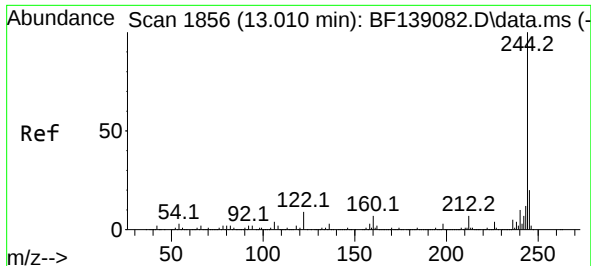
Tgt Ion:248 Resp: 8084
Ion Ratio Lower Upper
248 100
250 188.4 77.8 116.8#
141 454.6 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

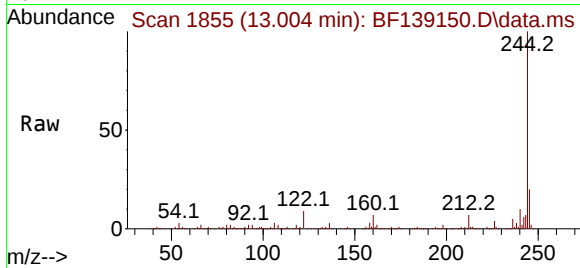
Tgt Ion:240 Resp: 170138
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.4 20.9 31.3



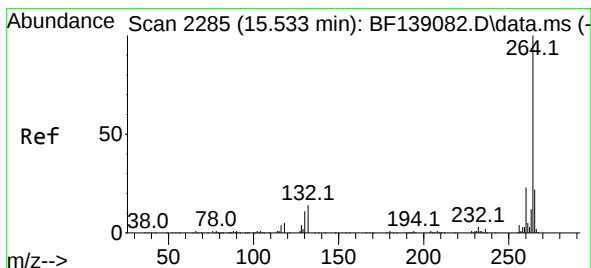
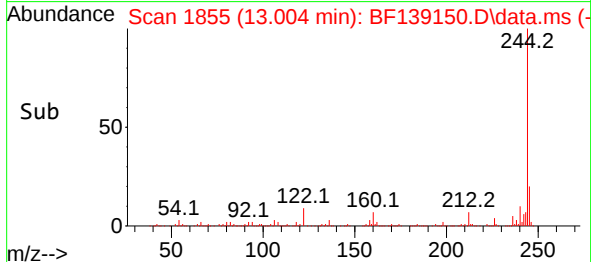
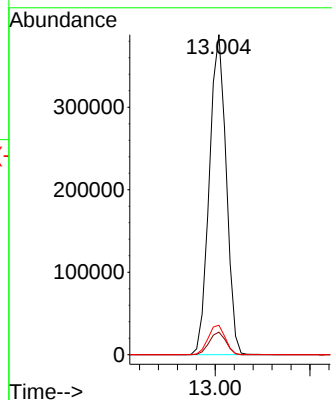


#79
Terphenyl-d14
Concen: 46.684 ng
RT: 13.004 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Instrument :
BNA_F
ClientSampleId :
S-913-K1-SO-0.5-1-082024



Tgt Ion:244 Resp: 478682
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BF139150.D
Acq: 23 Aug 2024 16:43

Tgt Ion:264 Resp: 187313
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.0 17.4 26.2

