

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139178.D
 Acq On : 27 Aug 2024 10:32
 Operator : RC/JU
 Sample : PB162379BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162379BL

Quant Time: Aug 27 11:50:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

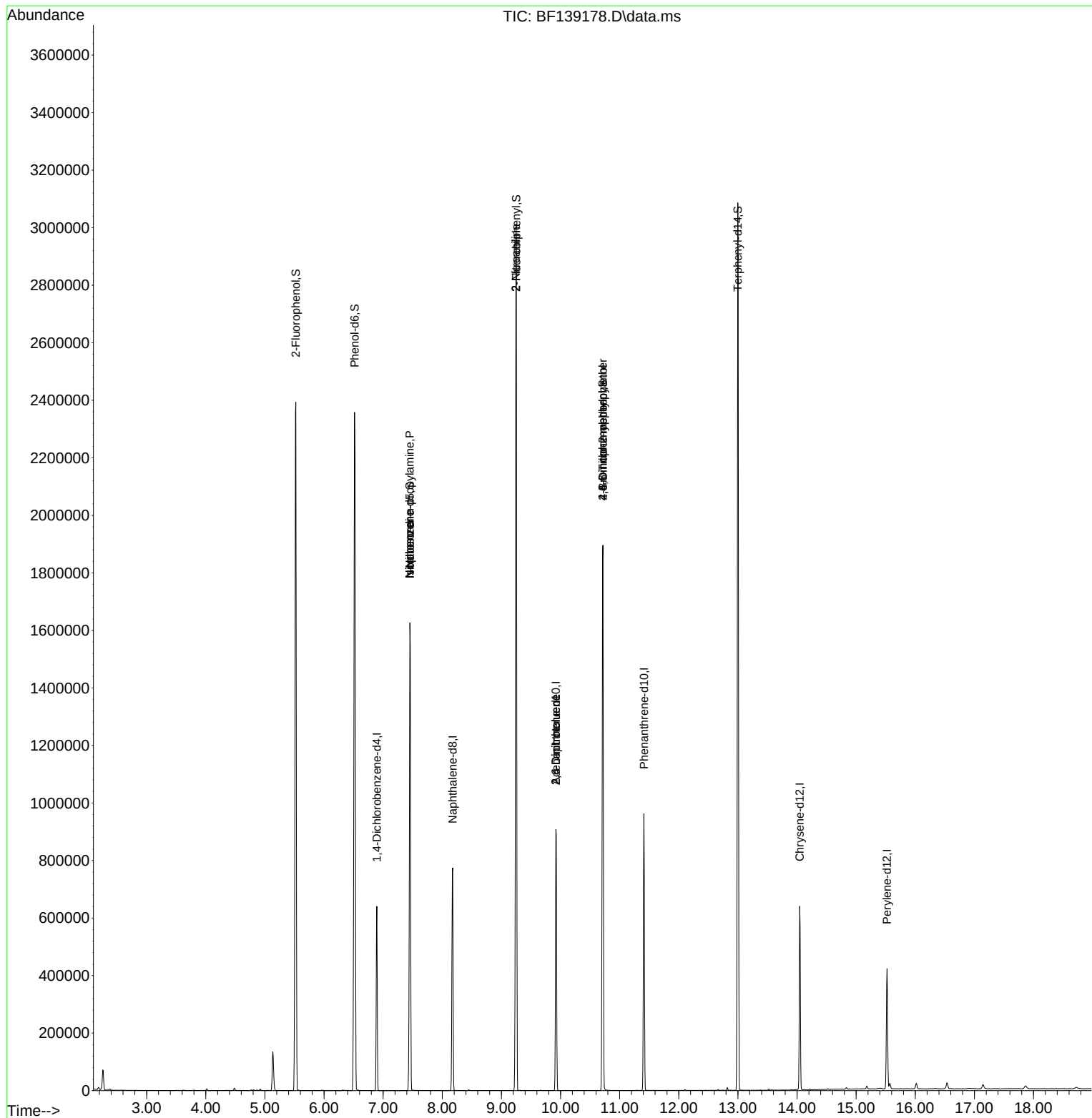
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	122728	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	466611	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	272963	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	479845	20.000	ng	0.00
76) Chrysene-d12	14.045	240	293423	20.000	ng	0.00
86) Perylene-d12	15.521	264	244119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	917697	125.649	ng	0.02
7) Phenol-d6	6.516	99	1194011	119.119	ng	0.00
23) Nitrobenzene-d5	7.451	82	803600	95.411	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	316769	135.499	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1363962	77.619	ng	0.00
79) Terphenyl-d14	12.998	244	1536075	81.683	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	110015	18.351	ng	# 79
24) Nitrobenzene	7.451	77	2461	3.489	ng	# 36
25) Isophorone	7.451	82	792172	47.561	ng	# 68
48) 2-Nitroaniline	9.245	65	2707	6.292	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	34631	14.346	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	34631	13.020	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.716	198	620	7.241	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	21980	4.311	ng	# 1

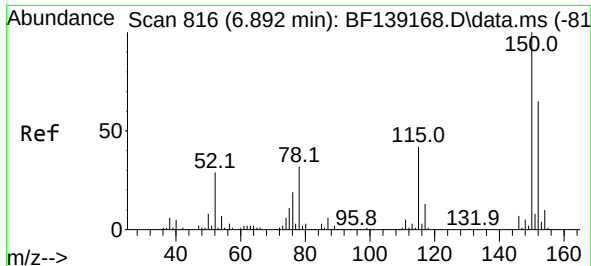
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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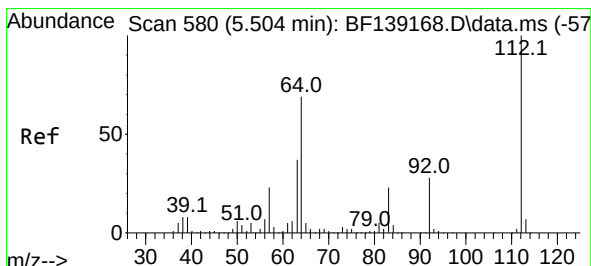
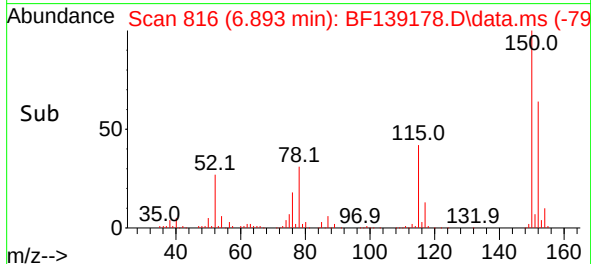
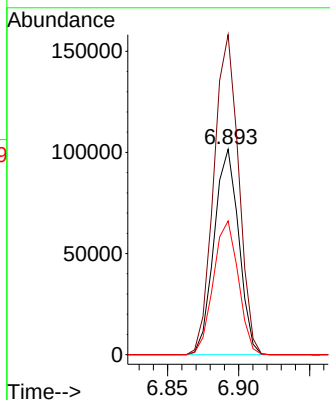
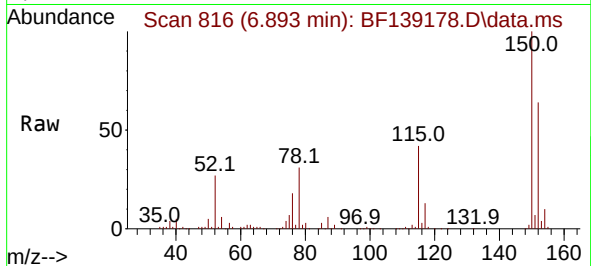




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

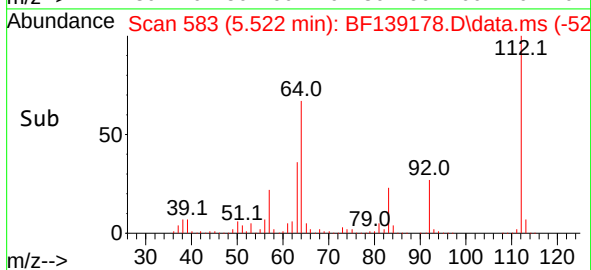
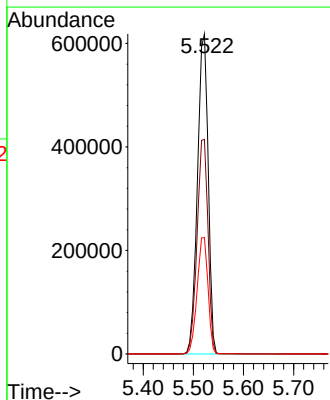
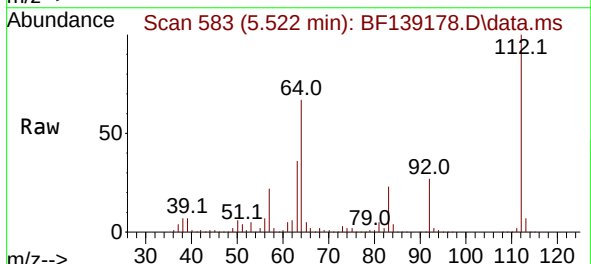
Instrument :
BNA_F
ClientSampleId :
PB162379BL

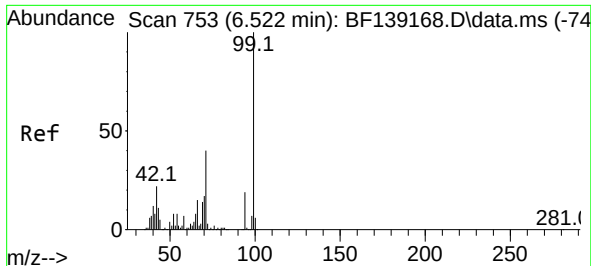
Tgt Ion:152 Resp: 122728
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 65.2 51.8 77.8



#5
2-Fluorophenol
Concen: 125.649 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion:112 Resp: 917697
Ion Ratio Lower Upper
112 100
64 67.0 55.5 83.3
63 36.3 29.8 44.6

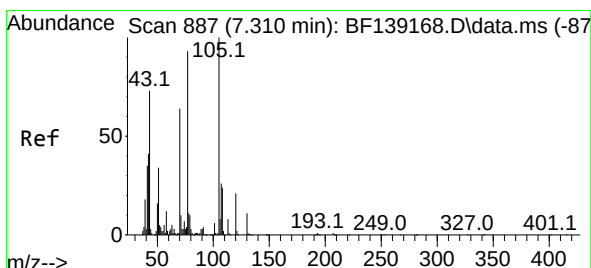
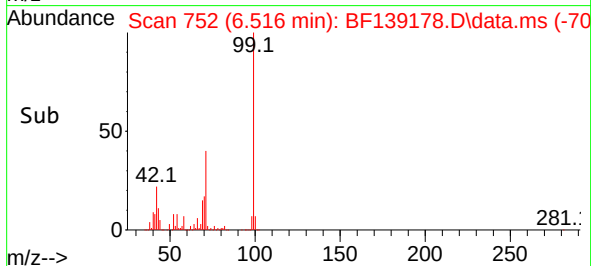
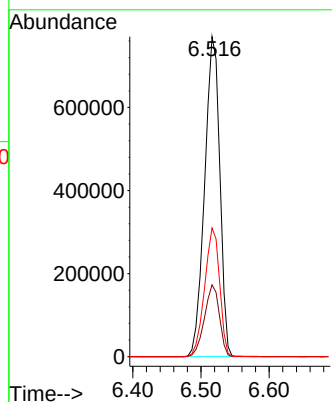
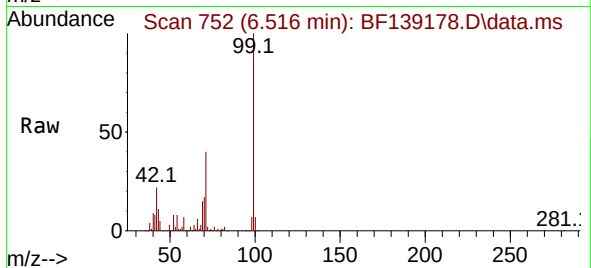




#7
Phenol-d6
Concen: 119.119 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

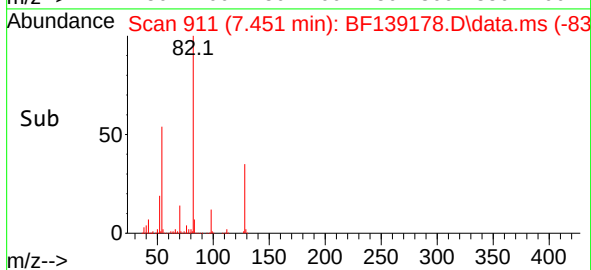
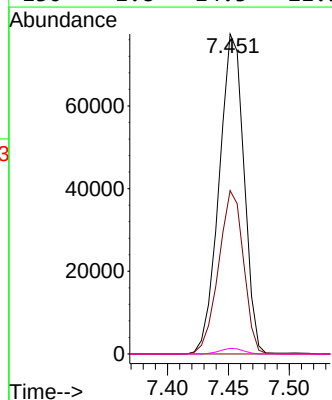
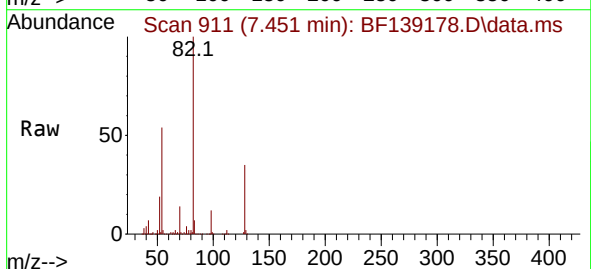
Instrument :
BNA_F
ClientSampleId :
PB162379BL

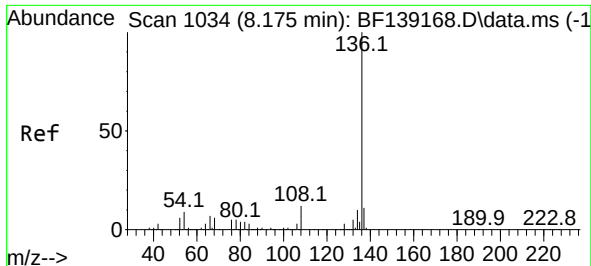
Tgt Ion: 99 Resp: 1194011
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 40.2 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.351 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion: 70 Resp: 110015
Ion Ratio Lower Upper
70 100
42 51.1 50.8 76.2
101 0.0 7.4 11.0#
130 1.8 14.3 21.5#

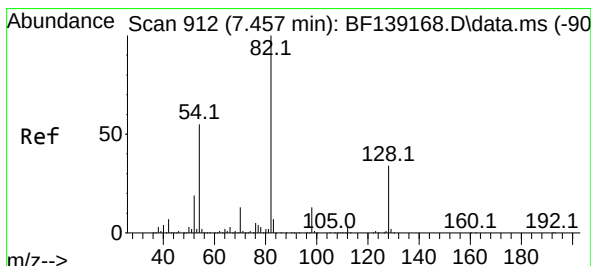
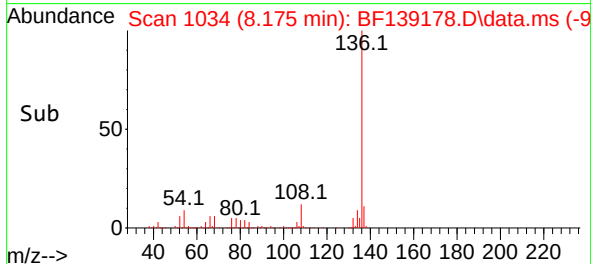
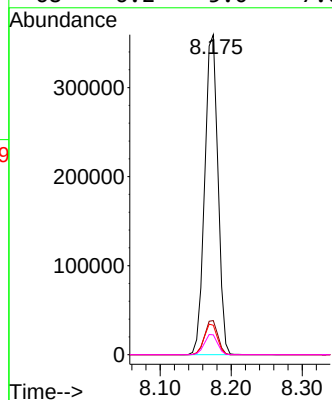
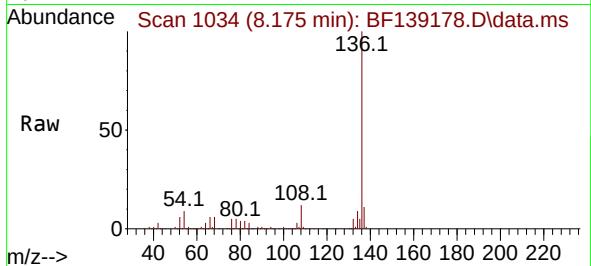




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

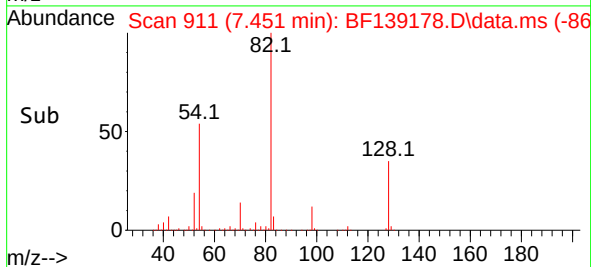
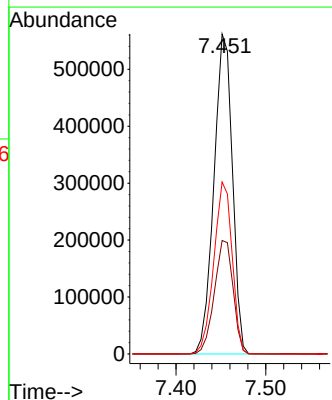
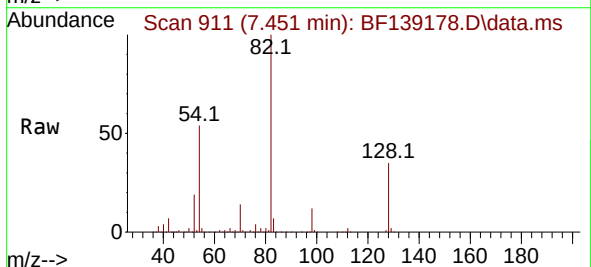
Instrument :
BNA_F
ClientSampleId :
PB162379BL

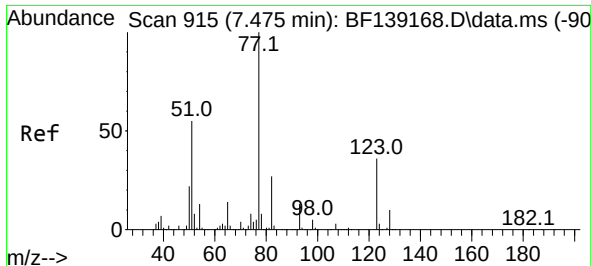
Tgt Ion:	136	Resp:	466611
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.2	7.6	11.4
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 95.411 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion:	82	Resp:	803600
Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.1	40.7
54	53.8	44.2	66.4

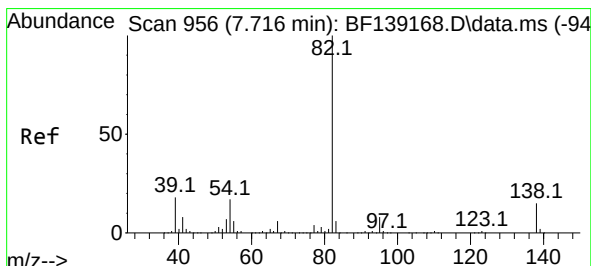
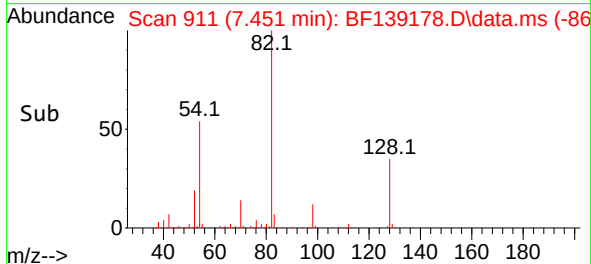
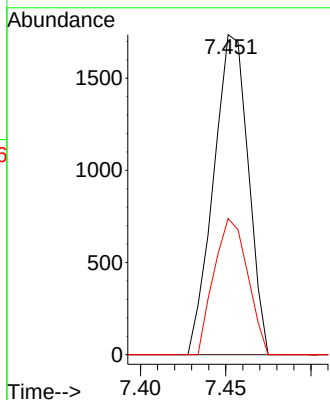
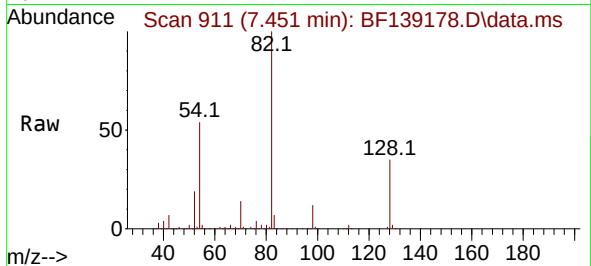




#24
Nitrobenzene
Concen: 3.489 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

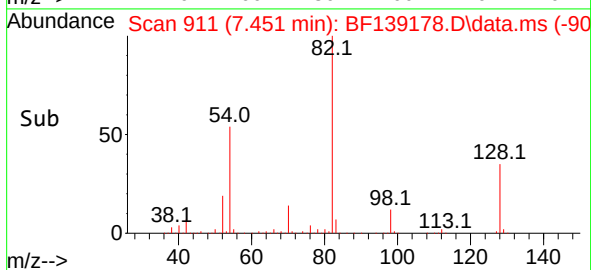
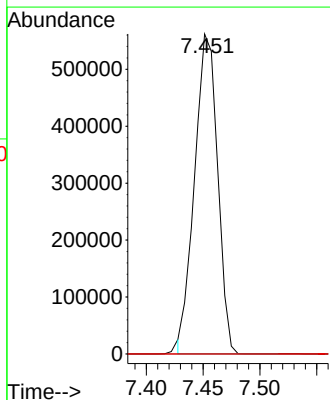
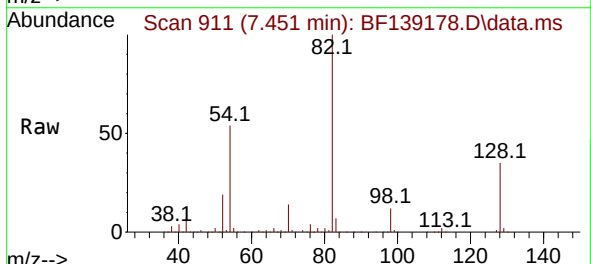
Instrument :
BNA_F
ClientSampleId :
PB162379BL

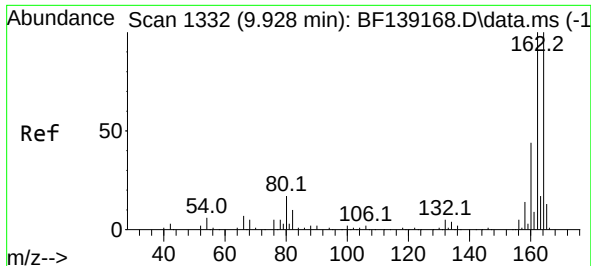
Tgt Ion: 77 Resp: 2461
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 42.6 10.9 16.3#



#25
Isophorone
Concen: 47.561 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion: 82 Resp: 792172
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

Instrument :

BNA_F

ClientSampleId :

PB162379BL

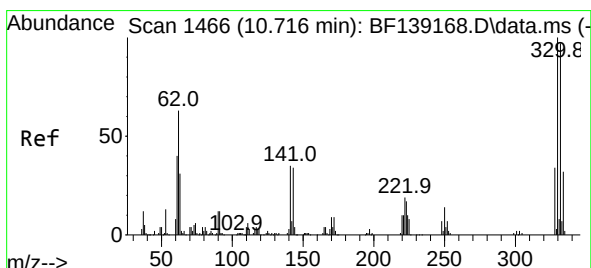
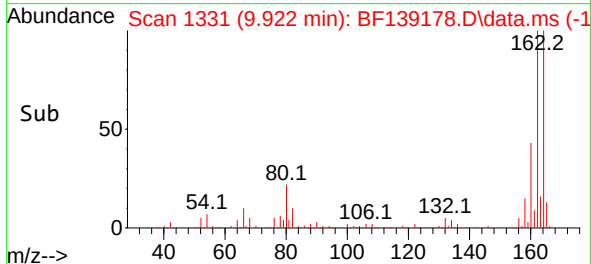
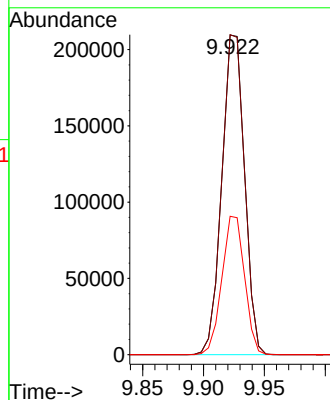
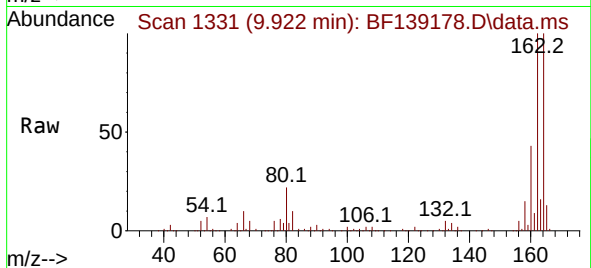
Tgt Ion:164 Resp: 272963

Ion Ratio Lower Upper

164 100

162 100.1 80.0 120.0

160 43.3 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 135.499 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

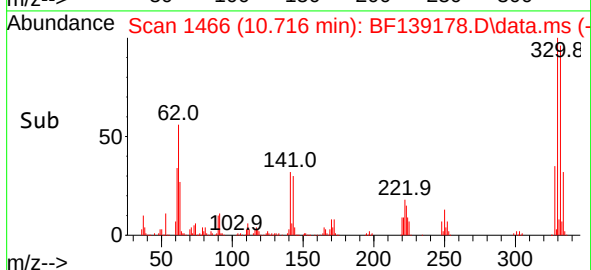
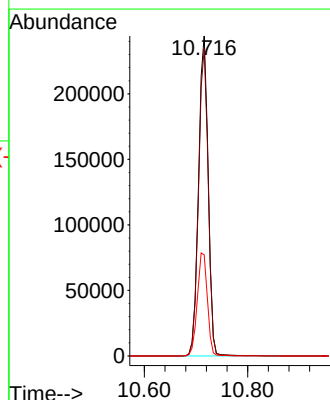
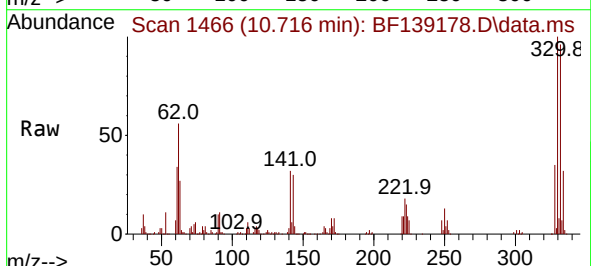
Tgt Ion:330 Resp: 316769

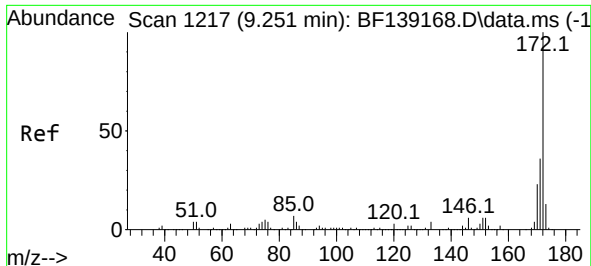
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 33.5 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 77.619 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

Instrument :

BNA_F

ClientSampleId :

PB162379BL

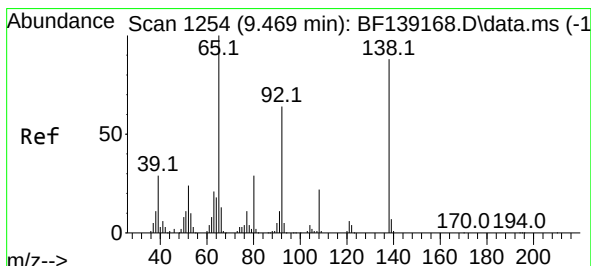
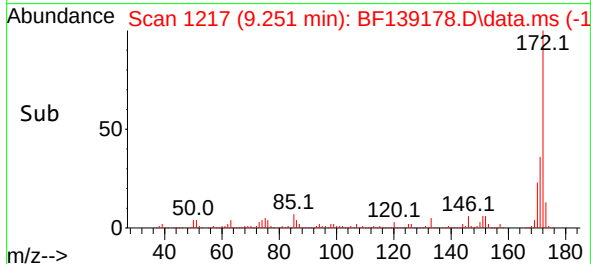
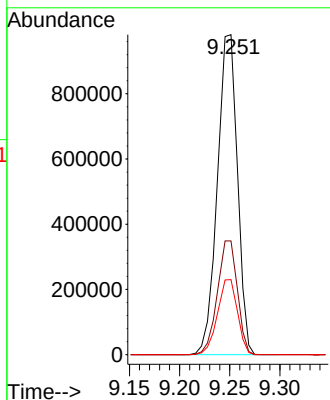
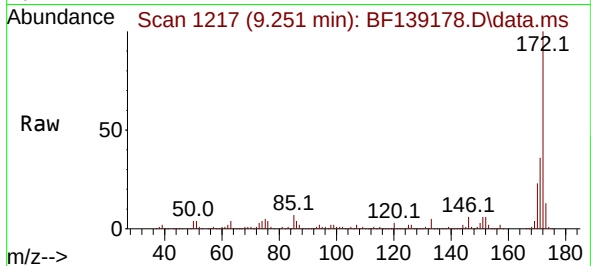
Tgt Ion:172 Resp: 1363962

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.5 18.8 28.2



#48

2-Nitroaniline

Concen: 6.292 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

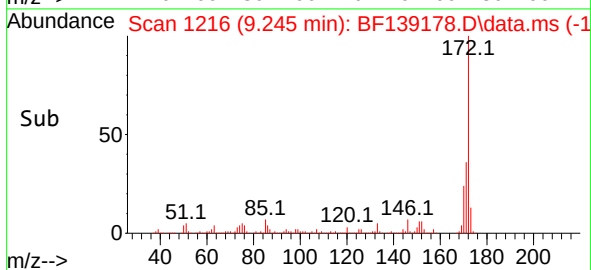
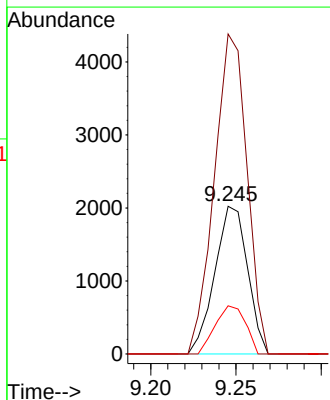
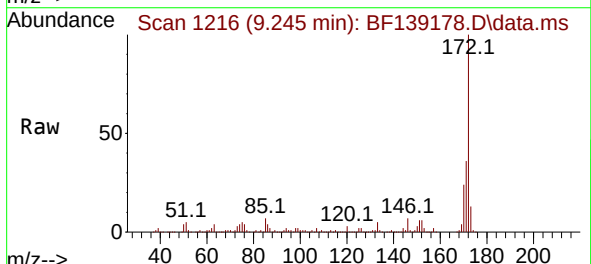
Tgt Ion: 65 Resp: 2707

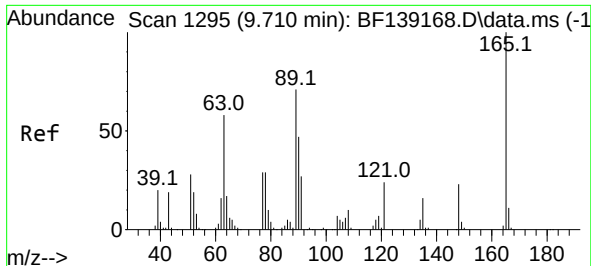
Ion Ratio Lower Upper

65 100

92 216.6 51.2 76.8#

138 32.6 70.0 105.0#

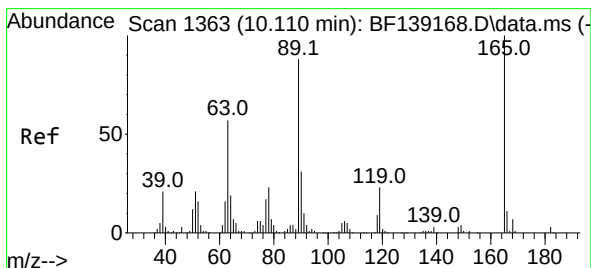
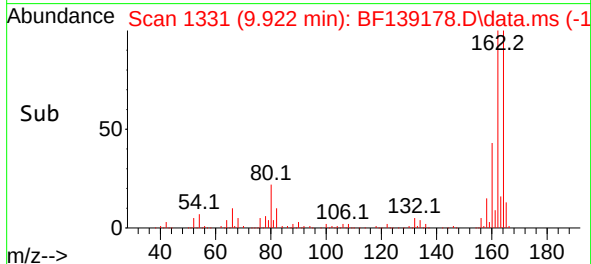
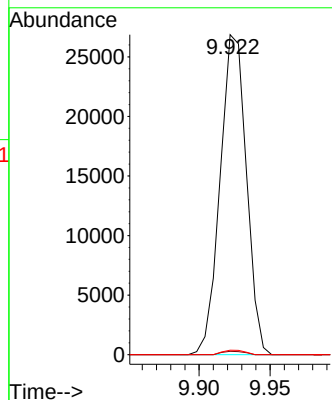
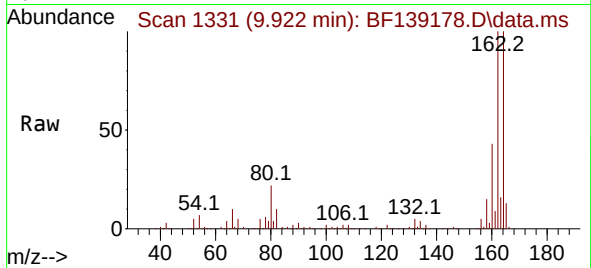




#51
2,6-Dinitrotoluene
Concen: 14.346 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

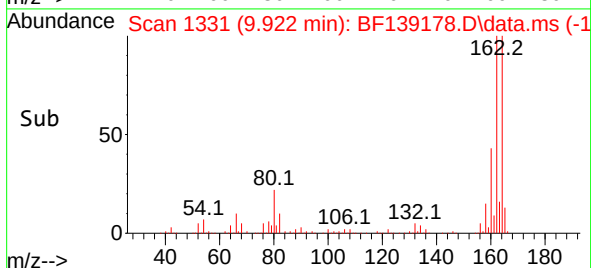
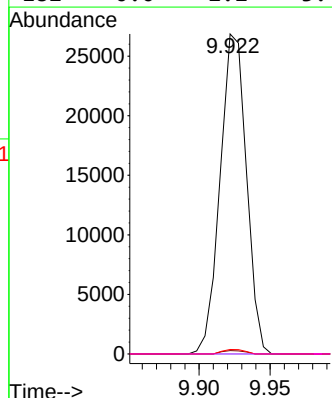
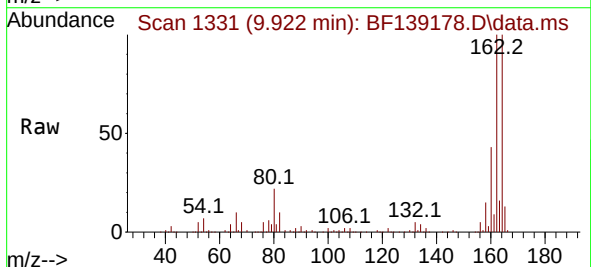
Instrument :
BNA_F
ClientSampleId :
PB162379BL

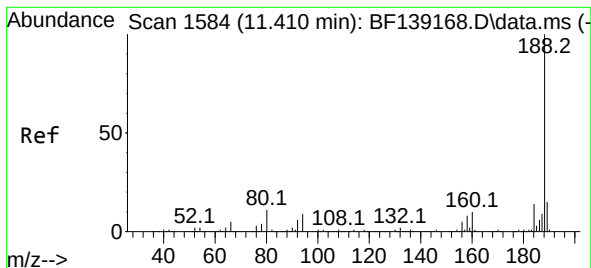
Tgt Ion:165 Resp: 34631
Ion Ratio Lower Upper
165 100
63 1.0 60.1 90.1#
89 1.4 57.0 85.6#



#57
2,4-Dinitrotoluene
Concen: 13.020 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion:165 Resp: 34631
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.4 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

Instrument :

BNA_F

ClientSampleId :

PB162379BL

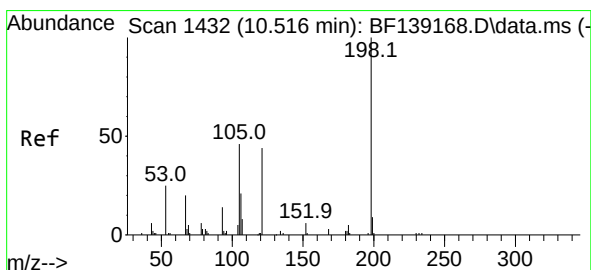
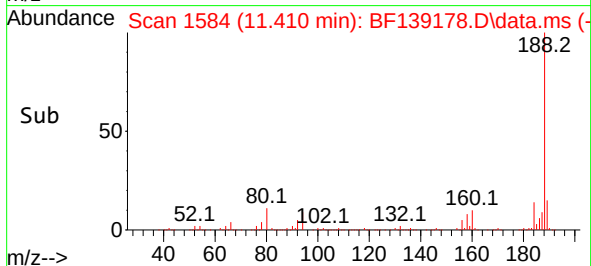
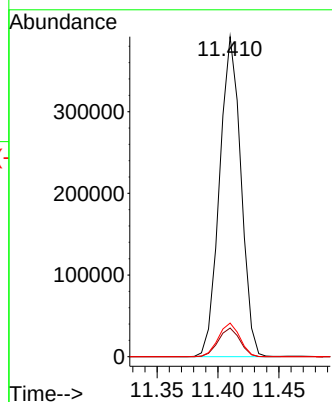
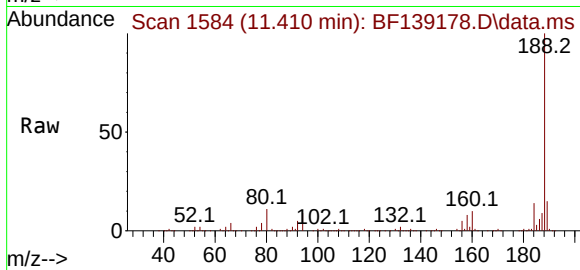
Tgt Ion:188 Resp: 479845

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.5 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.241 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.200 min

Lab File: BF139178.D

Acq: 27 Aug 2024 10:32

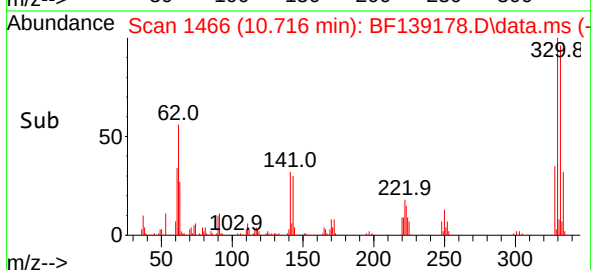
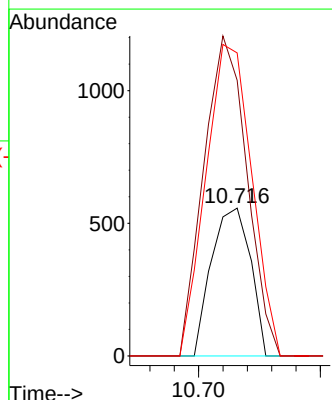
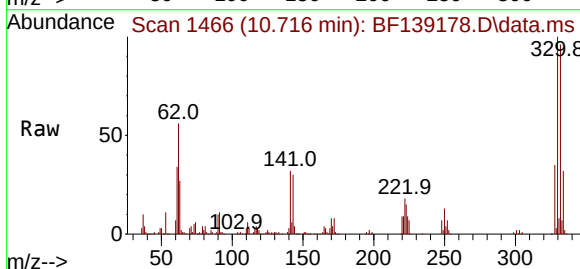
Tgt Ion:198 Resp: 620

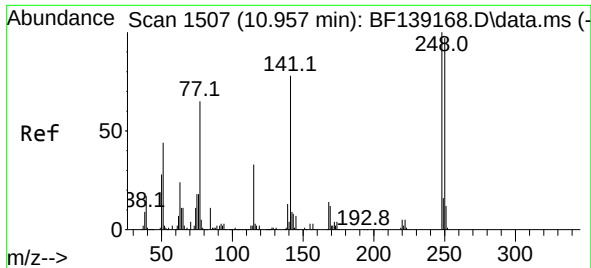
Ion Ratio Lower Upper

198 100

51 186.5 39.2 79.2#

105 205.0 29.3 69.3#

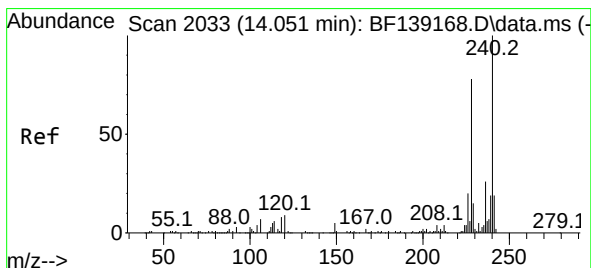
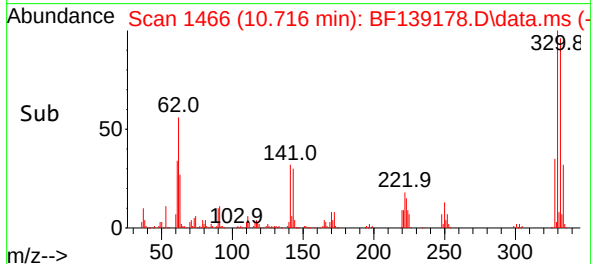
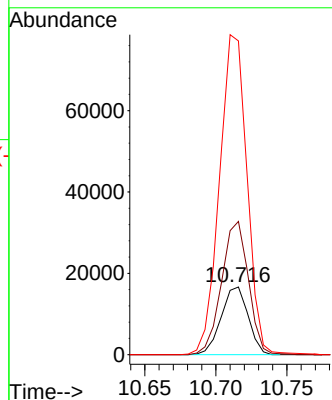
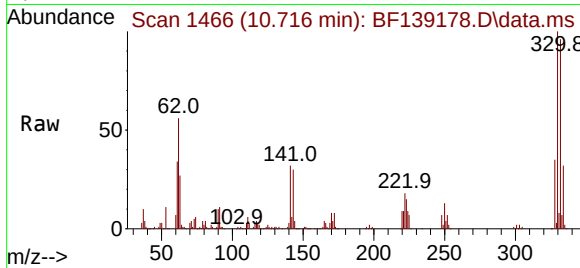




#67
4-Bromophenyl-phenylether
Concen: 4.311 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

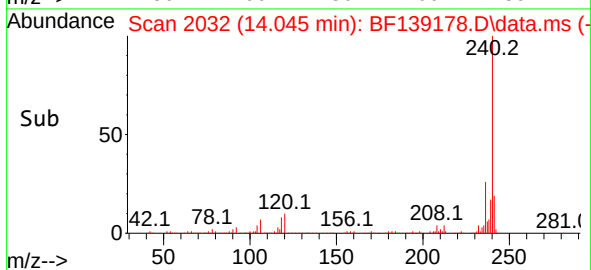
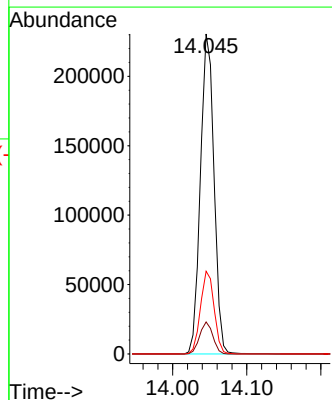
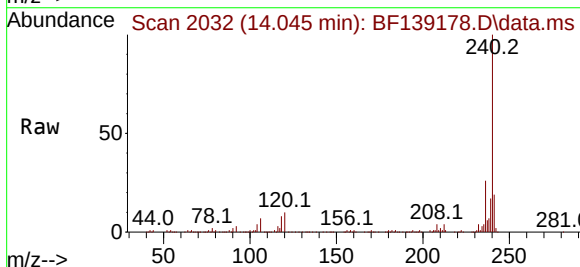
Instrument :
BNA_F
ClientSampleId :
PB162379BL

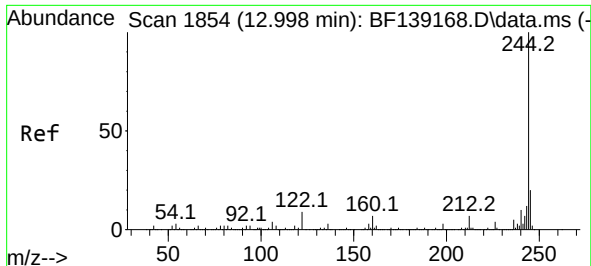
Tgt Ion:248 Resp: 21980
Ion Ratio Lower Upper
248 100
250 196.8 78.0 117.0#
141 463.3 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

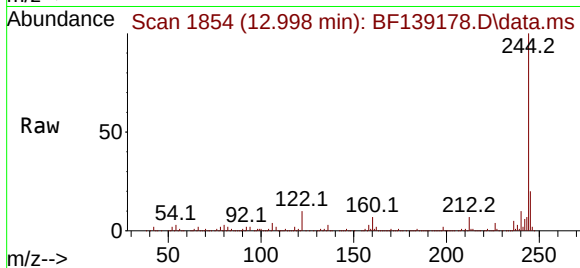
Tgt Ion:240 Resp: 293423
Ion Ratio Lower Upper
240 100
120 10.0 6.9 10.3
236 25.9 20.9 31.3



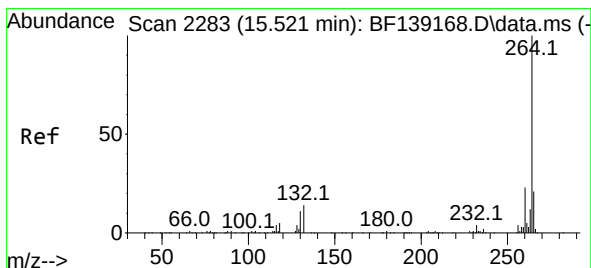
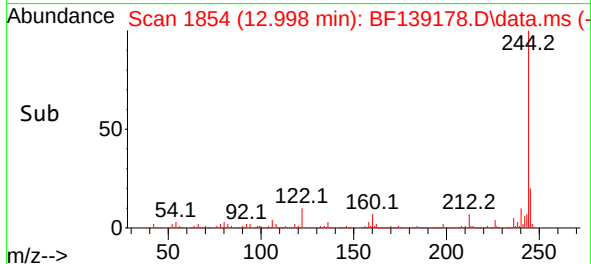
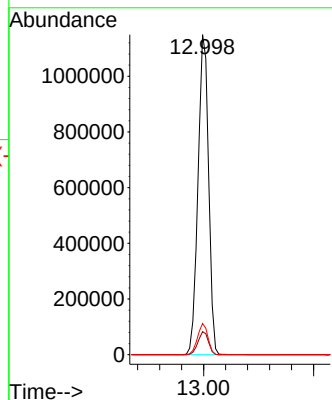


#79
Terphenyl-d14
Concen: 81.683 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Instrument :
BNA_F
ClientSampleId :
PB162379BL



Tgt Ion:244 Resp: 1536075
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF139178.D
Acq: 27 Aug 2024 10:32

Tgt Ion:264 Resp: 244119
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.3 17.0 25.6

