

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139090.D
 Acq On : 21 Aug 2024 09:20
 Operator : RC/JU
 Sample : PB162850BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162850BL

Quant Time: Aug 21 21:31:08 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)

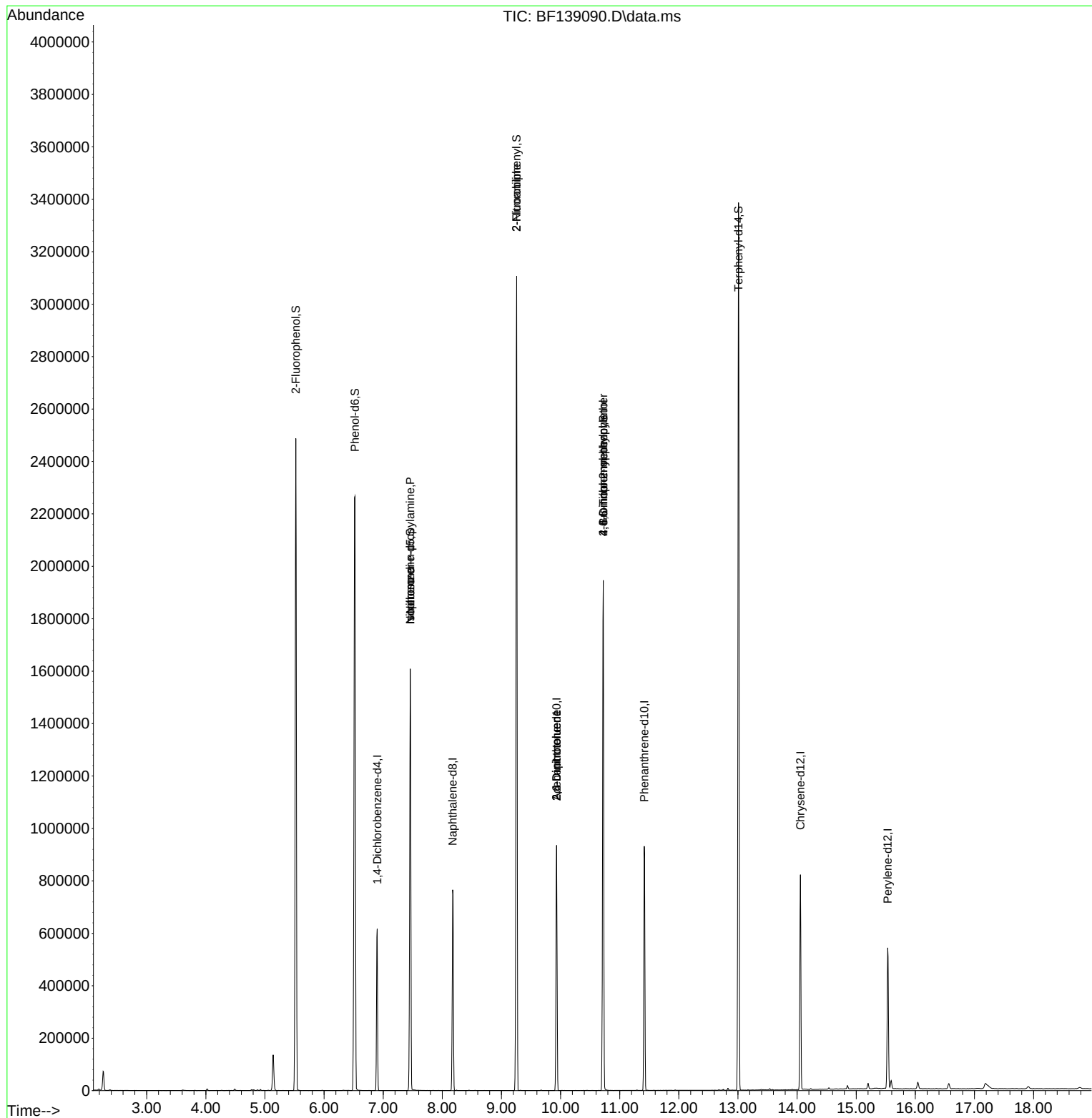
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121355	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	461611	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	271022	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	481091	20.000	ng	0.00
76) Chrysene-d12	14.057	240	372322	20.000	ng	0.00
86) Perylene-d12	15.533	264	318638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	898606	113.924	ng	0.01
7) Phenol-d6	6.522	99	1177299	115.512	ng	0.00
23) Nitrobenzene-d5	7.457	82	758020	95.686	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	315383	128.543	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1353914	79.260	ng	0.00
79) Terphenyl-d14	13.010	244	1678391	74.799	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	105490	15.761	ng	# 81
25) Isophorone	7.457	82	757830	45.007	ng	# 69
48) 2-Nitroaniline	9.257	65	2759	6.220	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	35393	14.071	ng	# 16
57) 2,4-Dinitrotoluene	9.933	165	35393	12.985	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	660	6.884	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	22493	4.412	ng	# 1

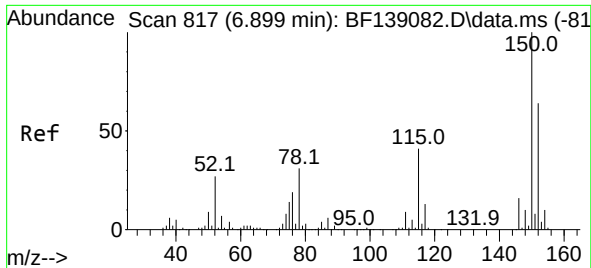
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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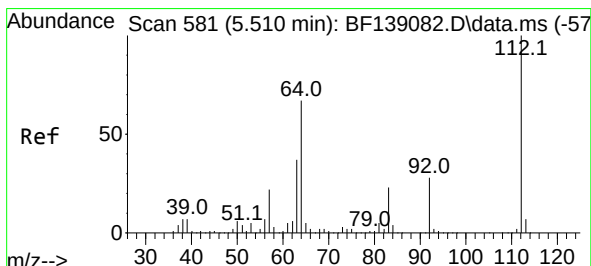
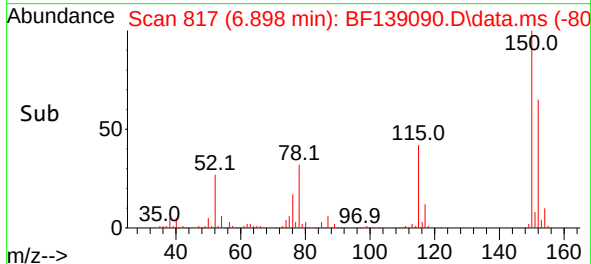
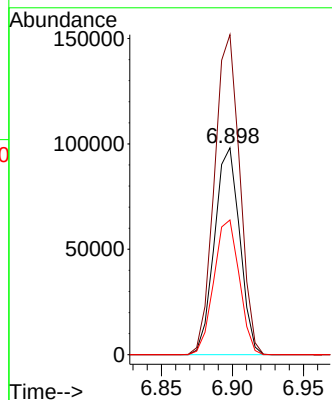
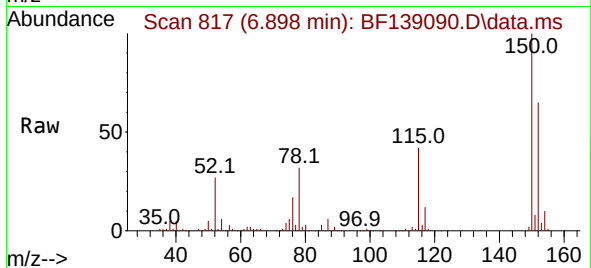




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

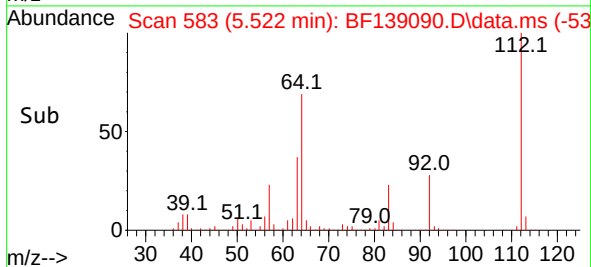
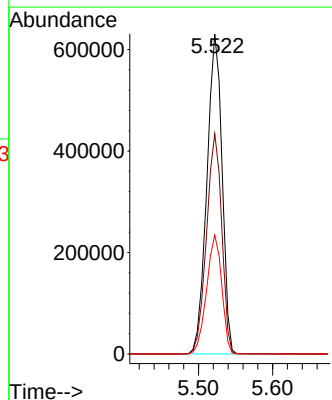
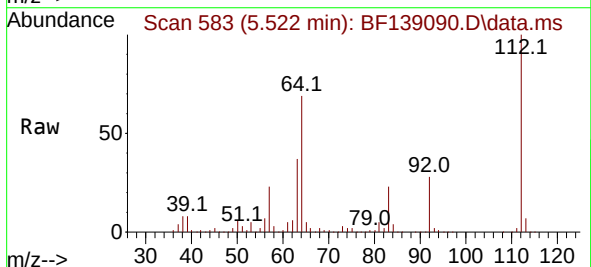
Instrument :
BNA_F
ClientSampleId :
PB162850BL

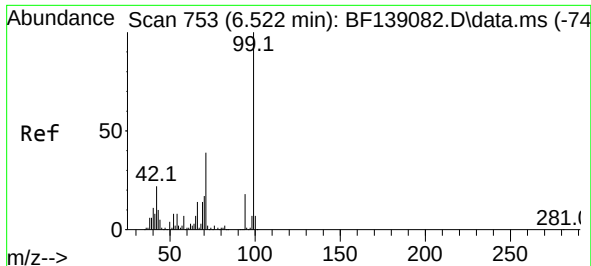
Tgt Ion:152 Resp: 121355
Ion Ratio Lower Upper
152 100
150 154.6 125.1 187.7
115 65.1 51.8 77.6



#5
2-Fluorophenol
Concen: 113.924 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion:112 Resp: 898606
Ion Ratio Lower Upper
112 100
64 68.9 53.8 80.6
63 37.2 29.4 44.2

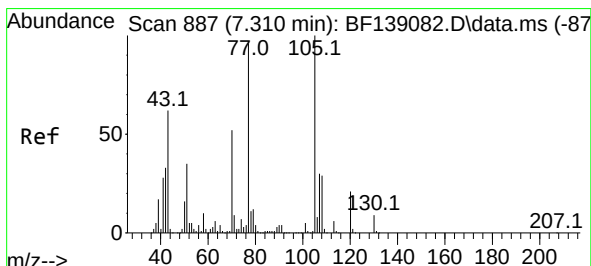
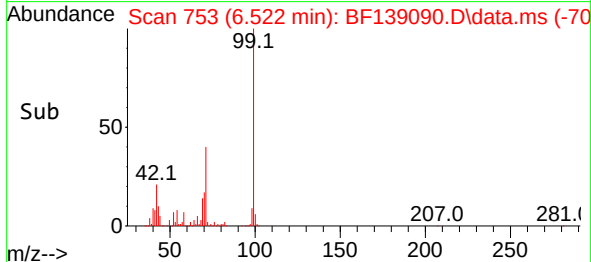
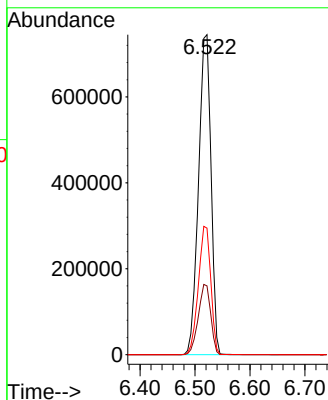
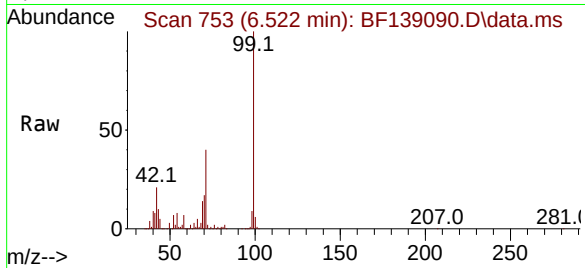




#7
Phenol-d6
Concen: 115.512 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

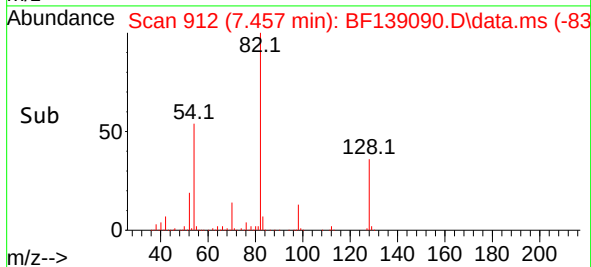
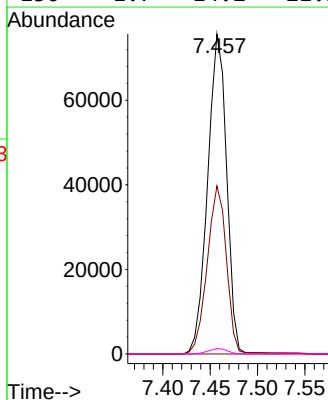
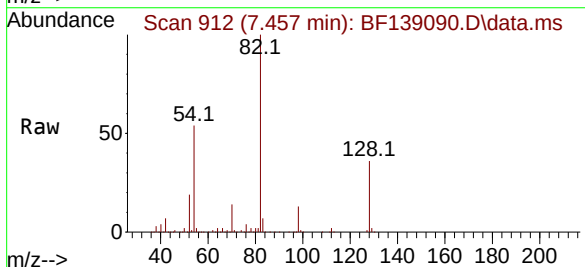
Instrument :
BNA_F
ClientSampleId :
PB162850BL

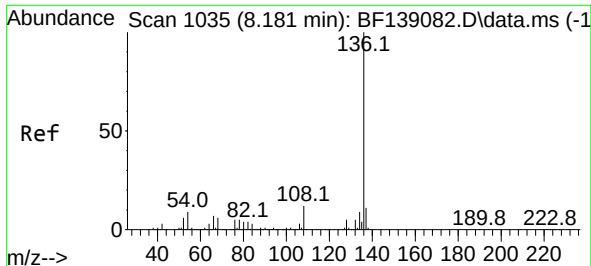
Tgt Ion: 99 Resp: 1177299
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.2
71 39.5 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.761 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion: 70 Resp: 105490
Ion Ratio Lower Upper
70 100
42 52.5 50.5 75.7
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#



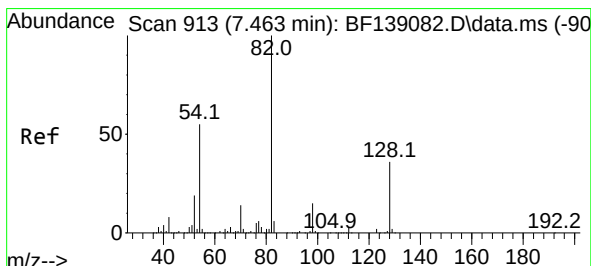
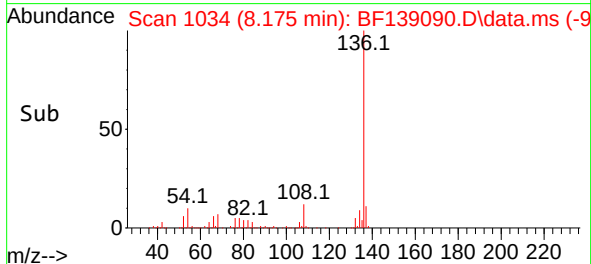
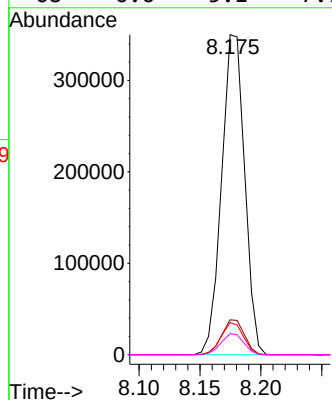
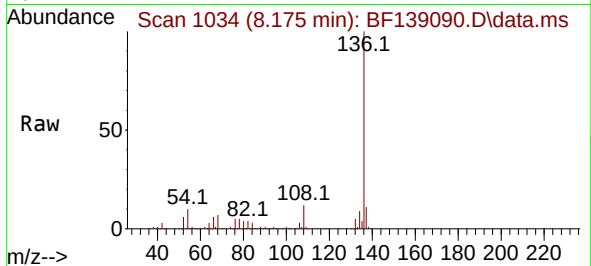


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Instrument :
BNA_F
ClientSampleId :
PB162850BL

Tgt Ion:136 Resp: 461611

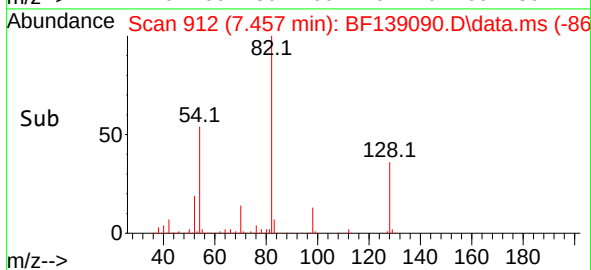
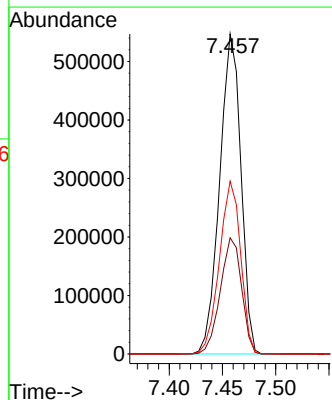
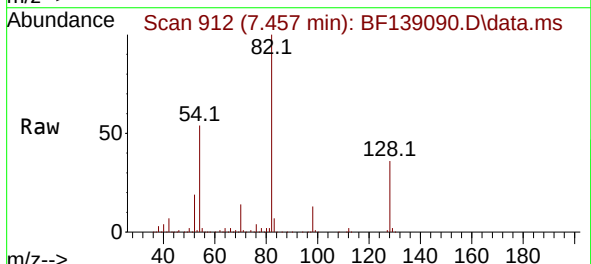
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.0	7.6	11.4
68	6.6	5.1	7.7

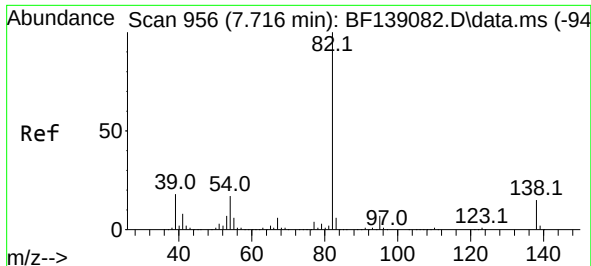


#23
Nitrobenzene-d5
Concen: 95.686 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion: 82 Resp: 758020

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	54.0	43.4	65.2

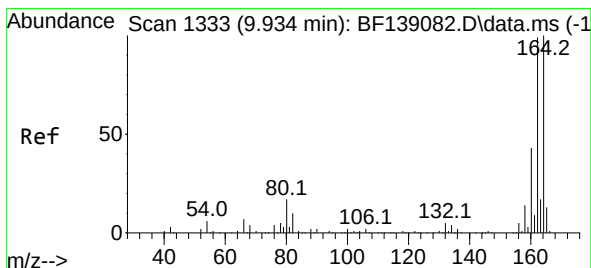
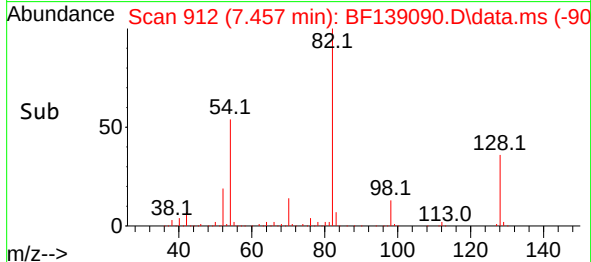
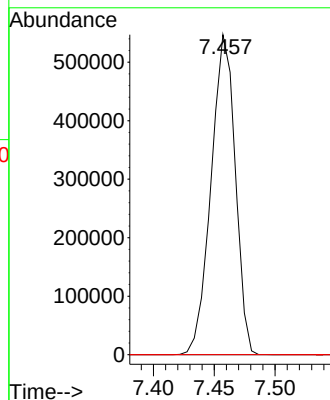
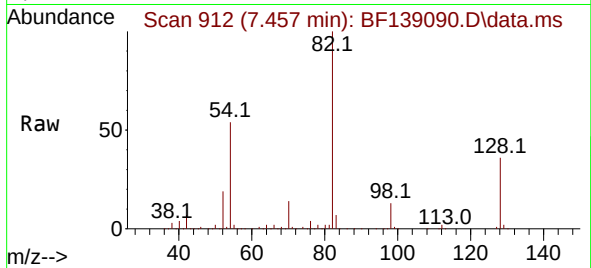




#25
Isophorone
Concen: 45.007 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

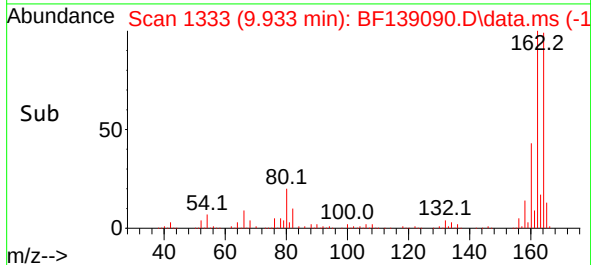
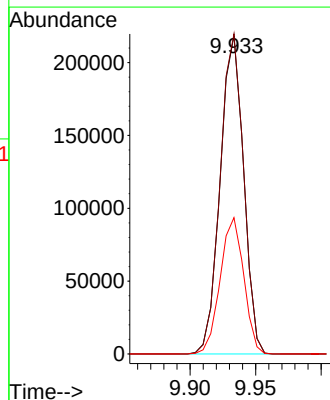
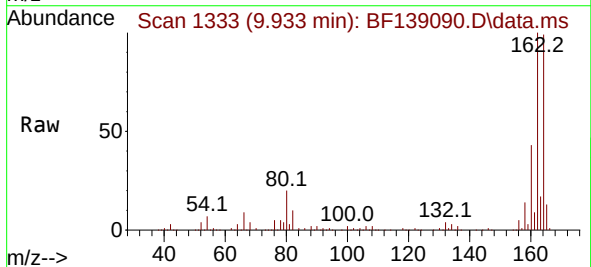
Instrument :
BNA_F
ClientSampleId :
PB162850BL

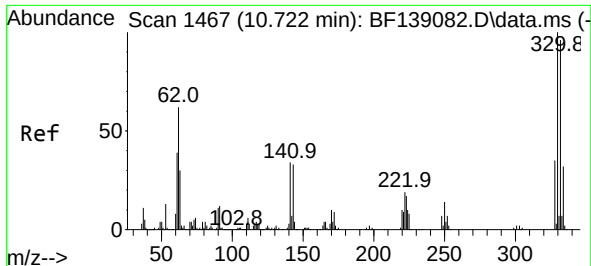
Tgt Ion: 82 Resp: 757830
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion:164 Resp: 271022
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 42.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 128.543 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139090.D

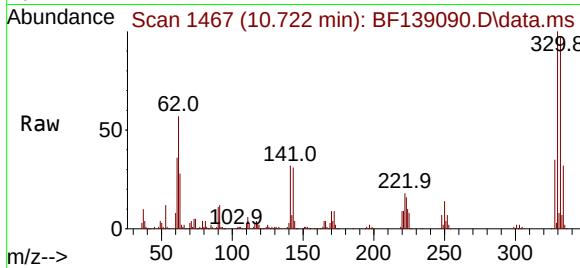
Acq: 21 Aug 2024 09:20

Instrument :

BNA_F

ClientSampleId :

PB162850BL



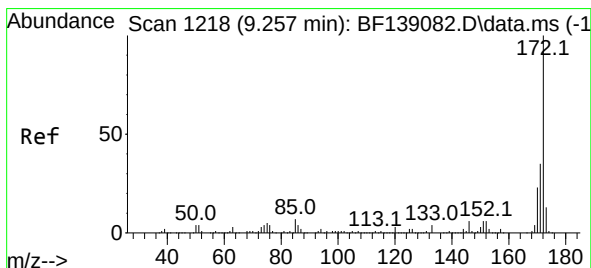
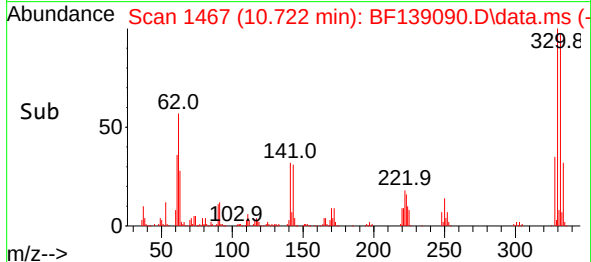
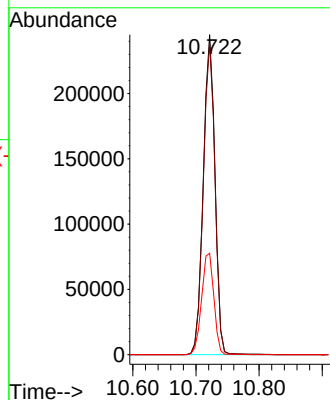
Tgt Ion:330 Resp: 315383

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 33.2 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 79.260 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139090.D

Acq: 21 Aug 2024 09:20

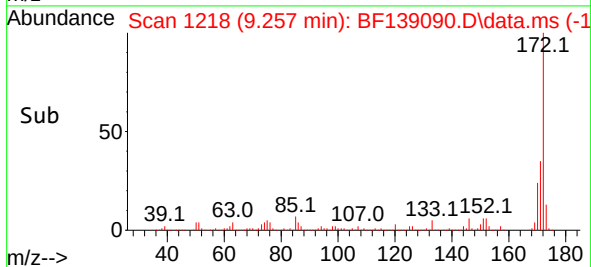
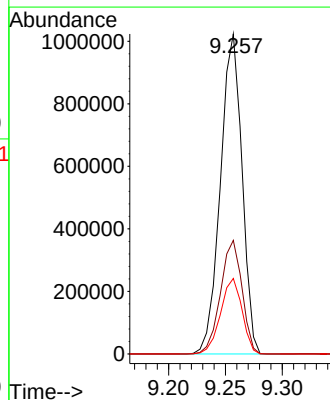
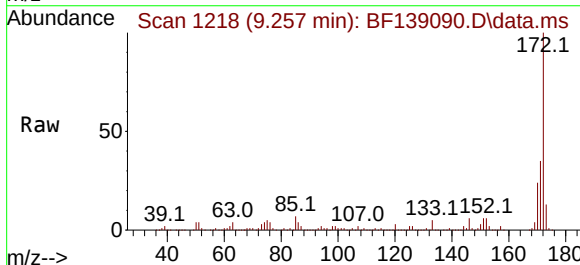
Tgt Ion:172 Resp: 1353914

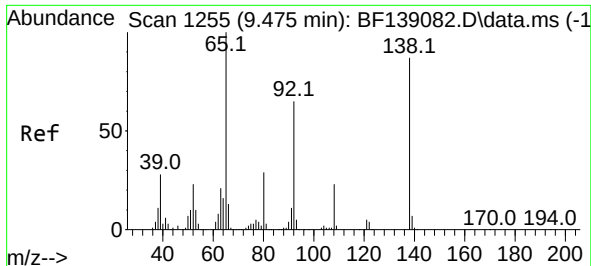
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 18.8 28.2

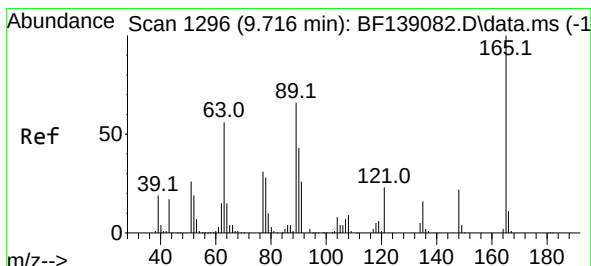
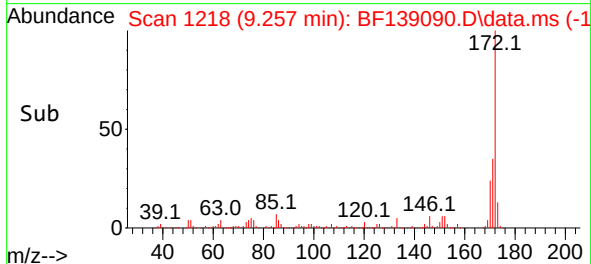
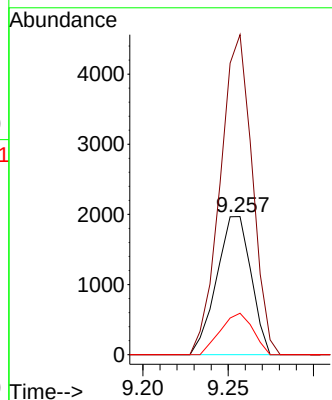
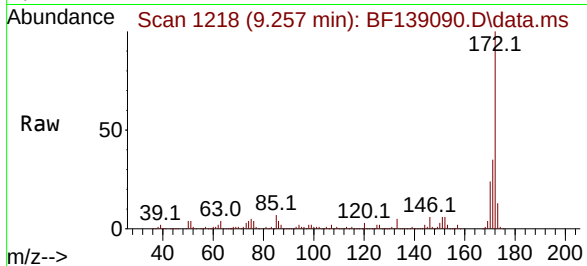




#48
2-Nitroaniline
Concen: 6.220 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

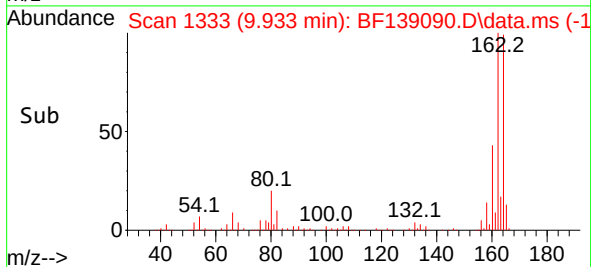
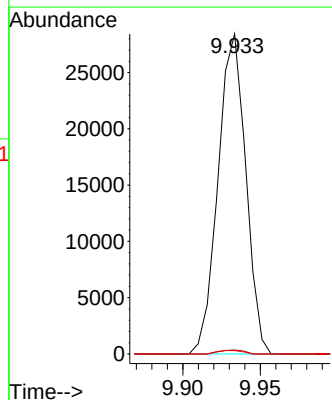
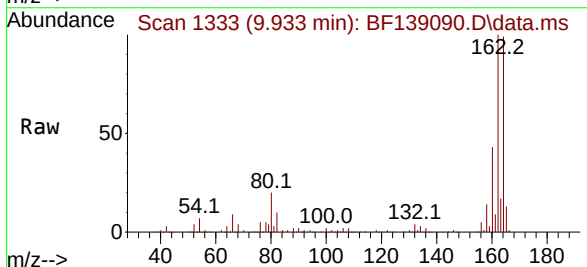
Instrument :
BNA_F
ClientSampleId :
PB162850BL

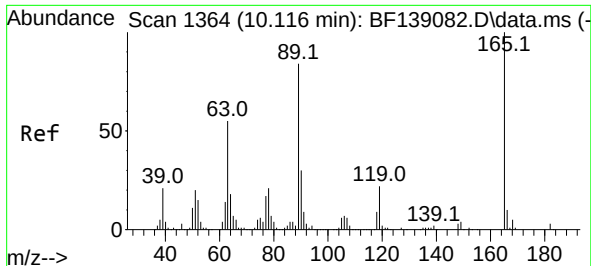
Tgt Ion: 65 Resp: 2759
Ion Ratio Lower Upper
65 100
92 231.9 52.4 78.6#
138 30.0 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 14.071 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion:165 Resp: 35393
Ion Ratio Lower Upper
165 100
63 1.3 58.0 87.0#
89 1.0 53.3 79.9#

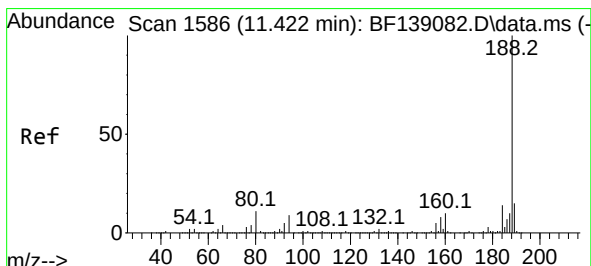
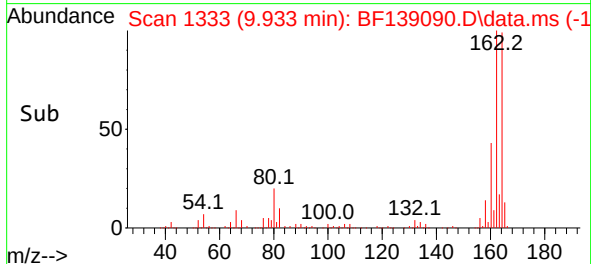
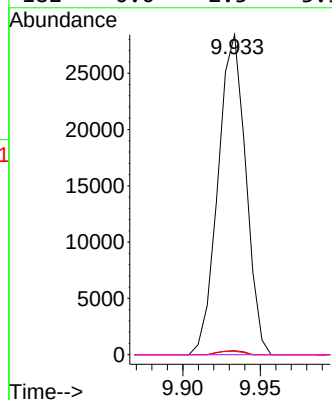
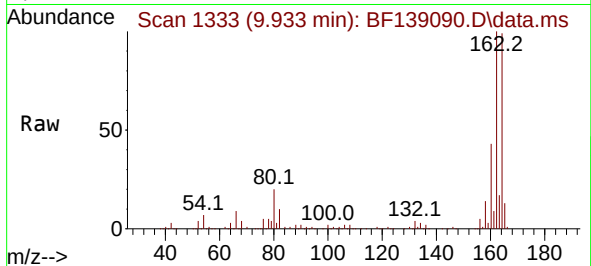




#57
2,4-Dinitrotoluene
Concen: 12.985 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

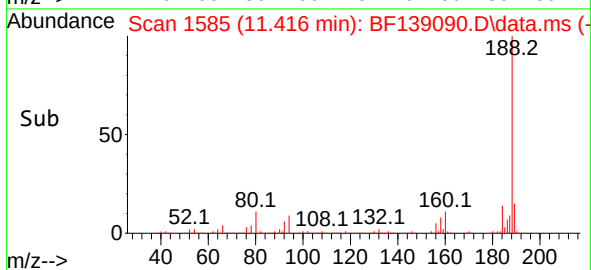
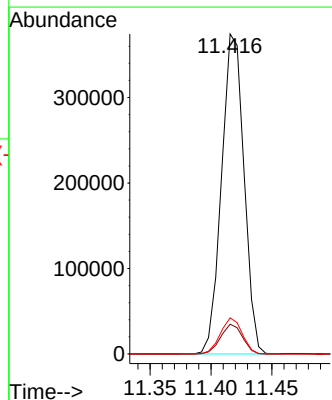
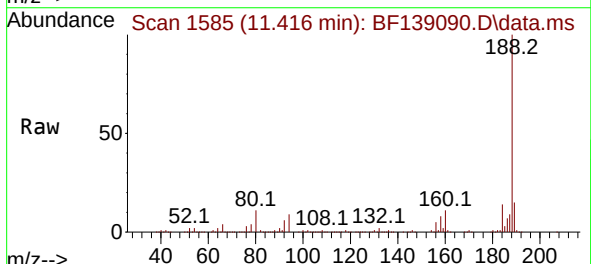
Instrument :
BNA_F
ClientSampleId :
PB162850BL

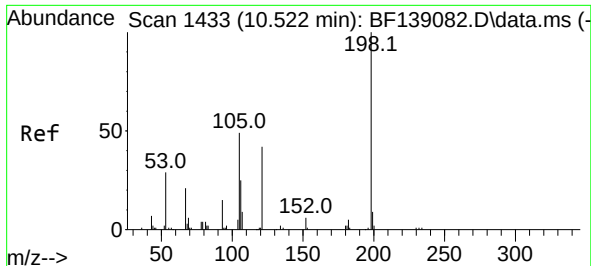
Tgt Ion:165 Resp: 35393
Ion Ratio Lower Upper
165 100
63 1.3 44.2 66.4#
89 1.0 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion:188 Resp: 481091
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 11.3 8.5 12.7

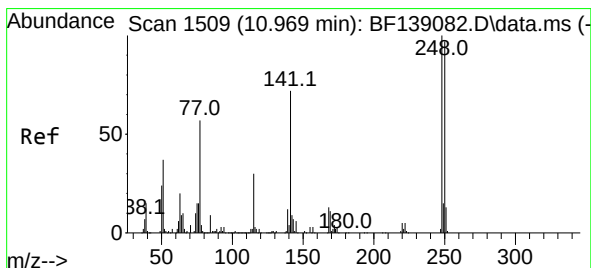
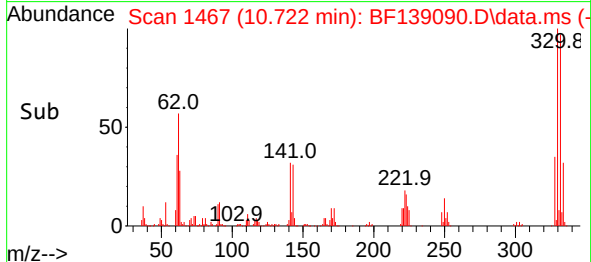
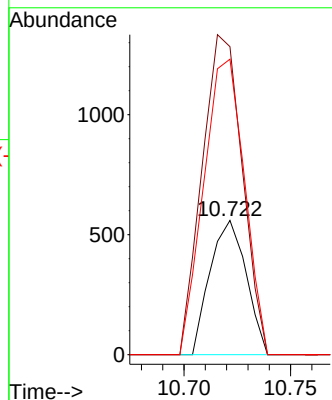
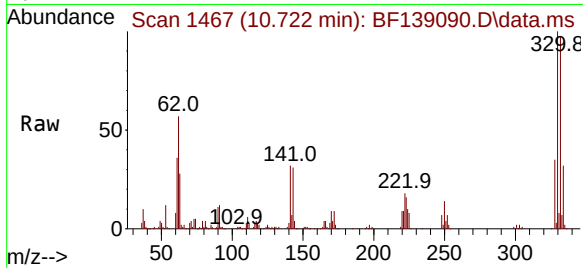




#65
4,6-Dinitro-2-methylphenol
Concen: 6.884 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

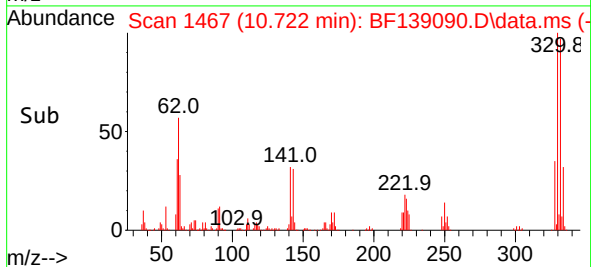
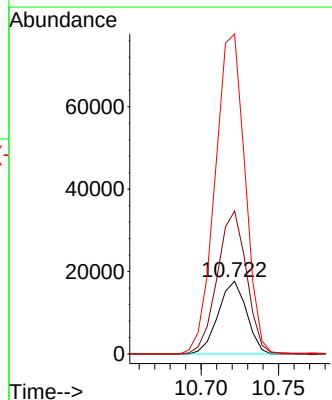
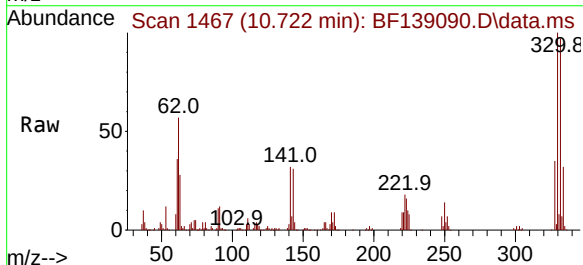
Instrument :
BNA_F
ClientSampleId :
PB162850BL

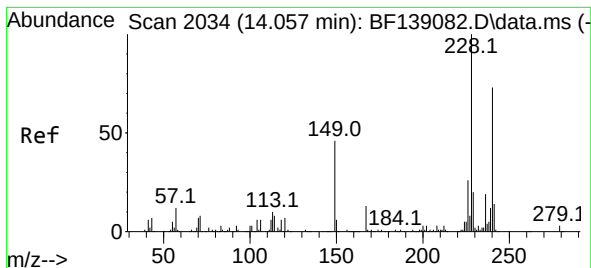
Tgt Ion:198 Resp: 660
Ion Ratio Lower Upper
198 100
51 229.5 40.8 80.8#
105 220.2 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.412 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion:248 Resp: 22493
Ion Ratio Lower Upper
248 100
250 196.7 77.8 116.8#
141 440.6 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: BF139090.D

Acq: 21 Aug 2024 09:20

Instrument :

BNA_F

ClientSampleId :

PB162850BL

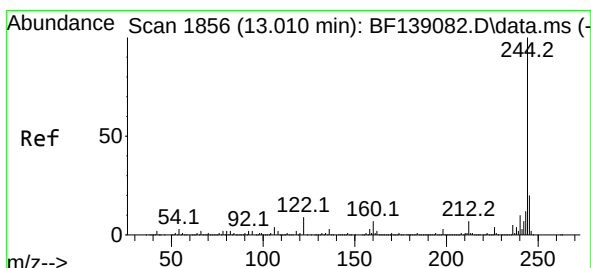
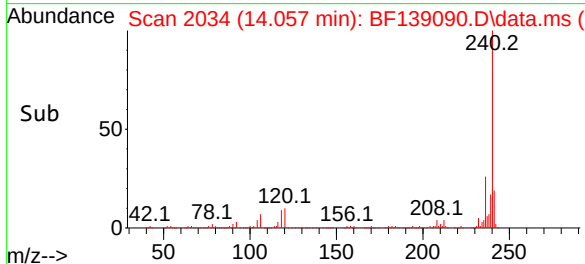
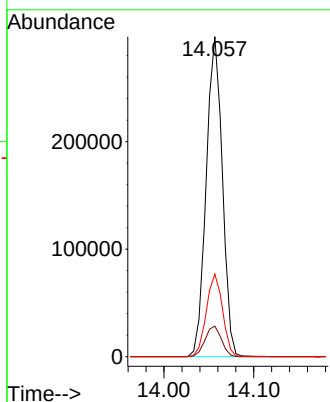
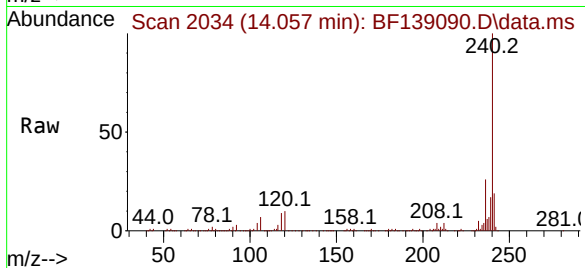
Tgt Ion:240 Resp: 372322

Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.6

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 74.799 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139090.D

Acq: 21 Aug 2024 09:20

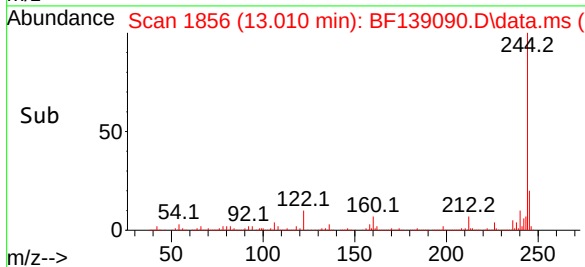
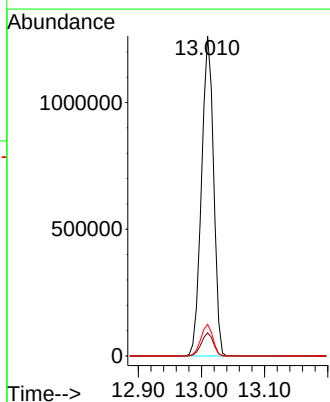
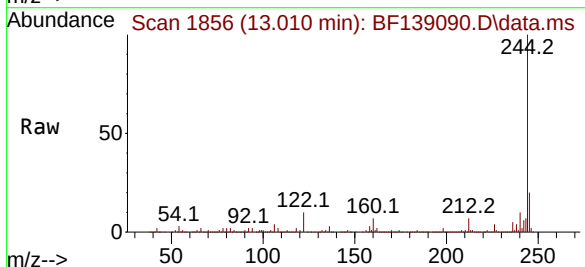
Tgt Ion:244 Resp: 1678391

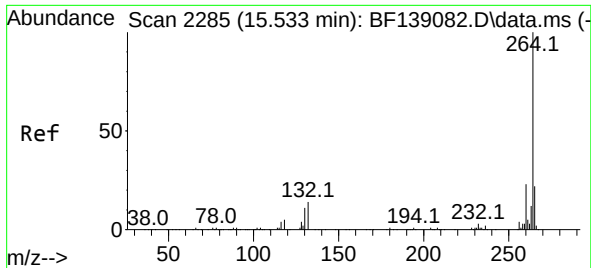
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Instrument :
BNA_F
ClientSampleId :
PB162850BL

Tgt Ion:264 Resp: 318638

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.1	17.4	26.2

