

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139176.D
 Acq On : 27 Aug 2024 09:33
 Operator : RC/JU
 Sample : PB162936BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162936BL

Quant Time: Aug 27 11:15:15 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)

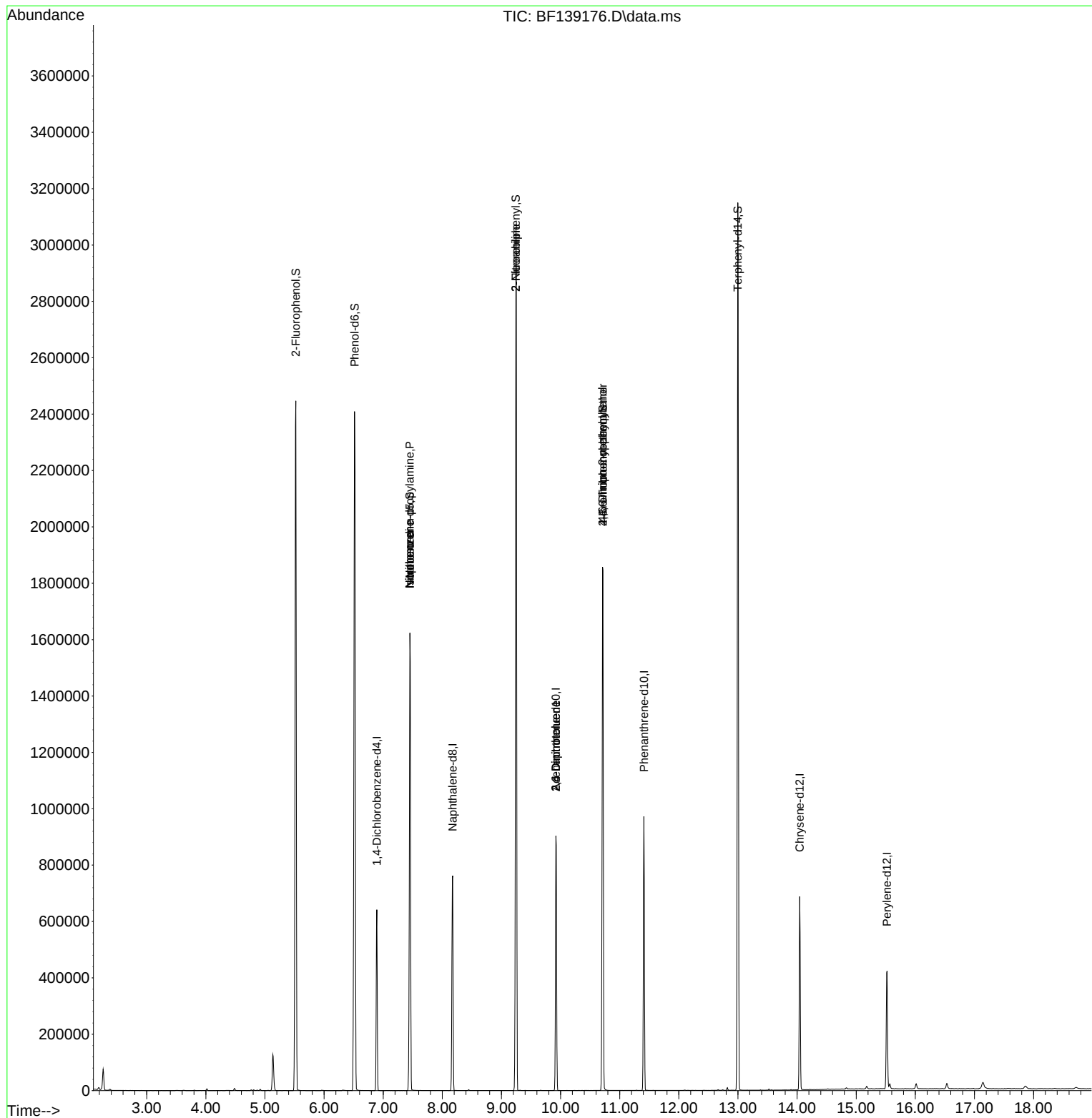
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	122667	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	469284	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	273305	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	483545	20.000	ng	0.00
76) Chrysene-d12	14.045	240	311222	20.000	ng	0.00
86) Perylene-d12	15.521	264	246953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	924528	126.647	ng	0.02
7) Phenol-d6	6.516	99	1208922	120.667	ng	0.00
23) Nitrobenzene-d5	7.451	82	790930	93.371	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311296	132.991	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1356313	77.087	ng	0.00
79) Terphenyl-d14	12.998	244	1560216	78.222	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	111804	18.658	ng	# 78
24) Nitrobenzene	7.451	77	2589	3.500	ng	# 43
25) Isophorone	7.451	82	779848	46.554	ng	# 68
48) 2-Nitroaniline	9.245	65	2672	6.285	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	34279	14.242	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	34279	12.939	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	771	7.330	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	21796	4.242	ng	# 1

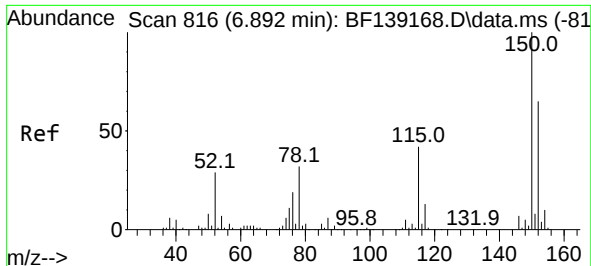
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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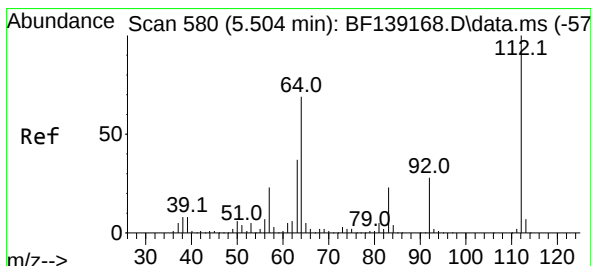
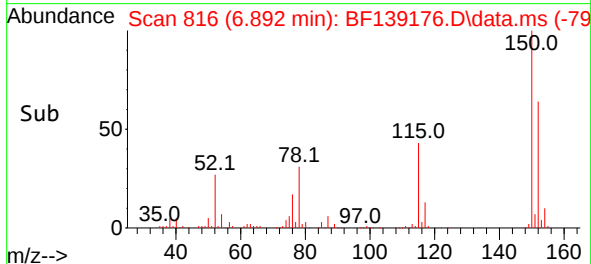
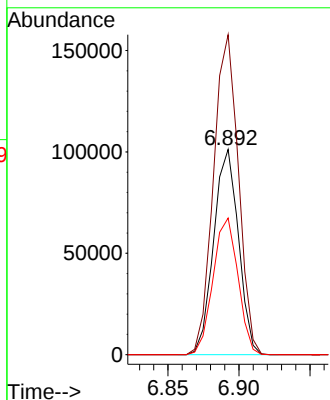
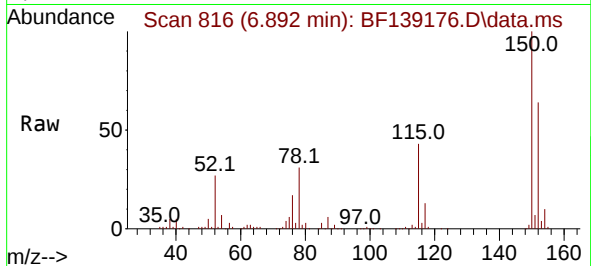




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

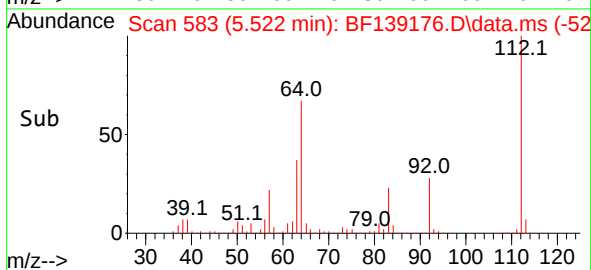
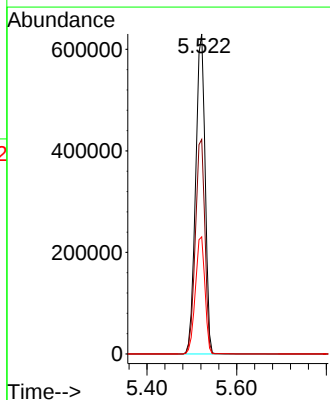
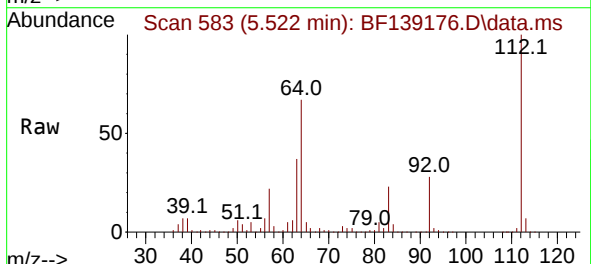
Instrument :
BNA_F
ClientSampleId :
PB162936BL

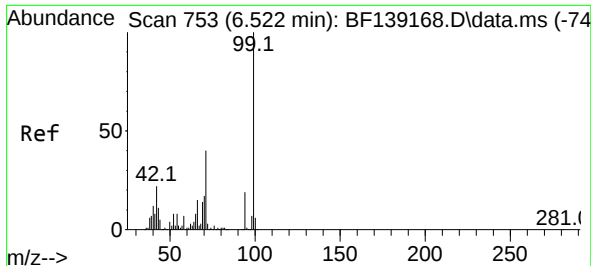
Tgt Ion:152 Resp: 122667
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 66.5 51.8 77.8



#5
2-Fluorophenol
Concen: 126.647 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion:112 Resp: 924528
Ion Ratio Lower Upper
112 100
64 67.1 55.5 83.3
63 36.6 29.8 44.6

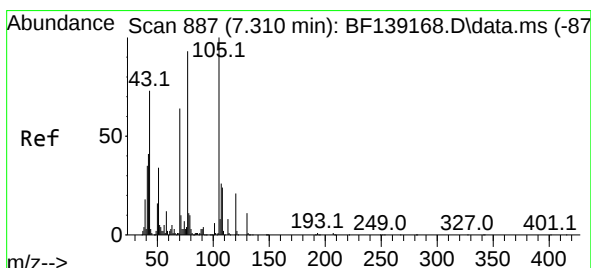
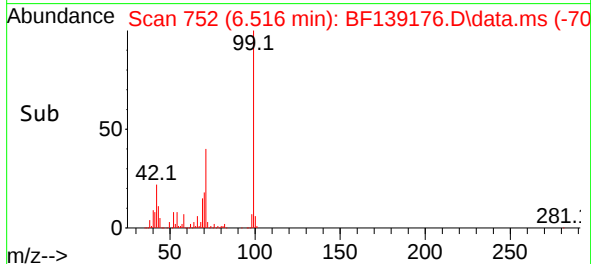
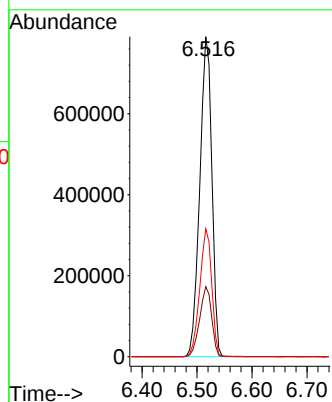
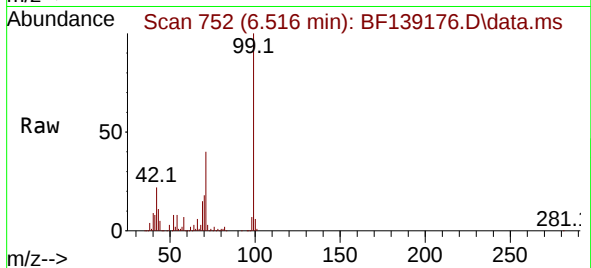




#7
Phenol-d6
Concen: 120.667 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

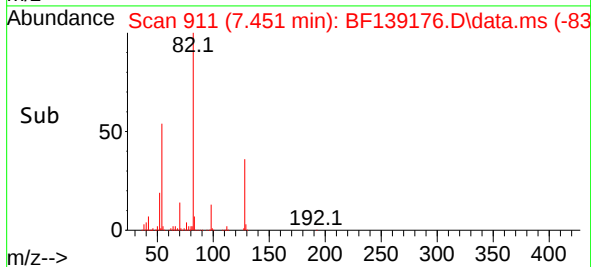
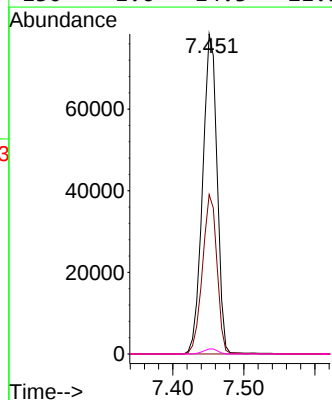
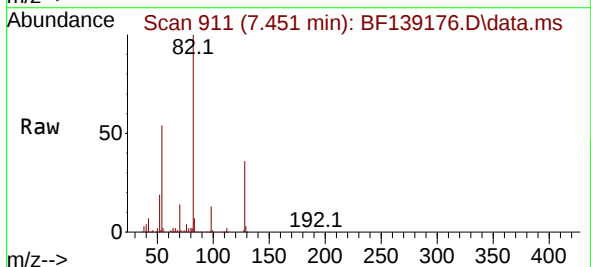
Instrument :
BNA_F
ClientSampleId :
PB162936BL

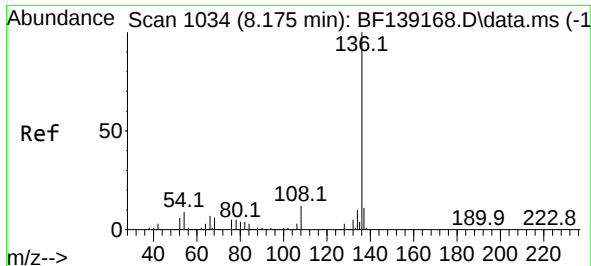
Tgt Ion: 99 Resp: 1208922
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 40.0 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.658 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion: 70 Resp: 111804
Ion Ratio Lower Upper
70 100
42 49.8 50.8 76.2#
101 0.0 7.4 11.0#
130 1.6 14.3 21.5#

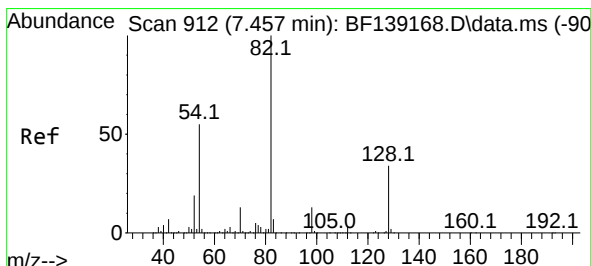
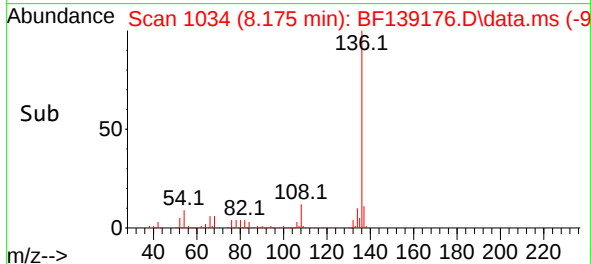
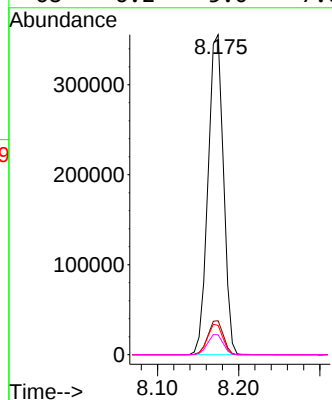
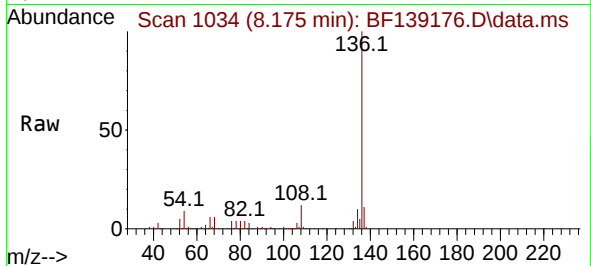




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

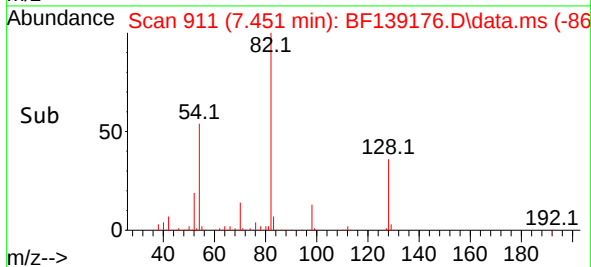
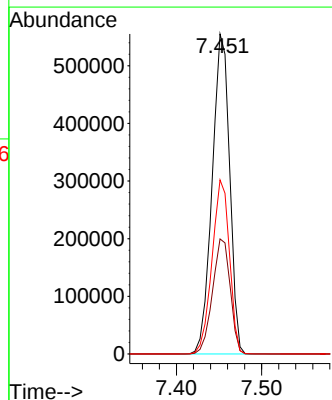
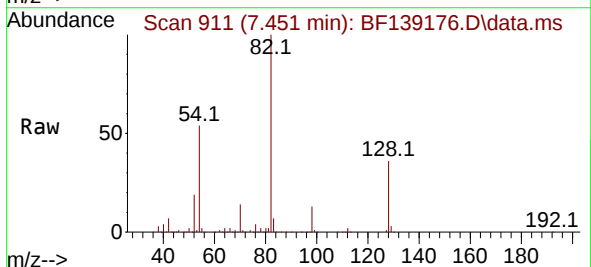
Instrument :
BNA_F
ClientSampleId :
PB162936BL

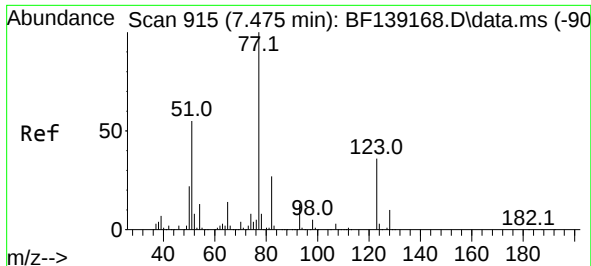
Tgt Ion:	136	Resp:	469284
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	9.1	7.6	11.4
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 93.371 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion:	82	Resp:	790930
Ion Ratio	Lower	Upper	
82	100		
128	36.0	27.1	40.7
54	54.4	44.2	66.4

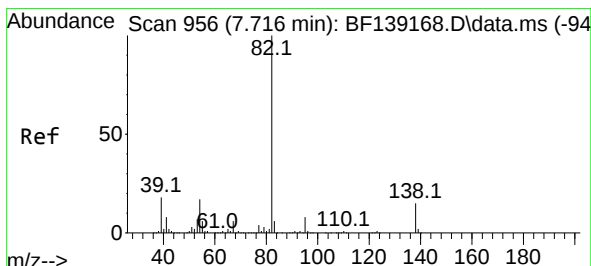
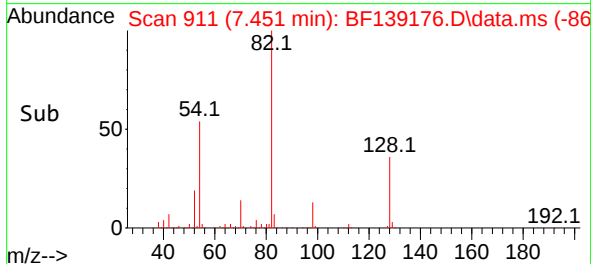
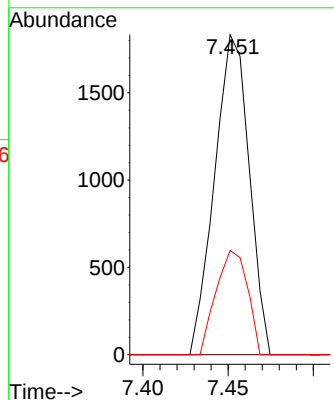
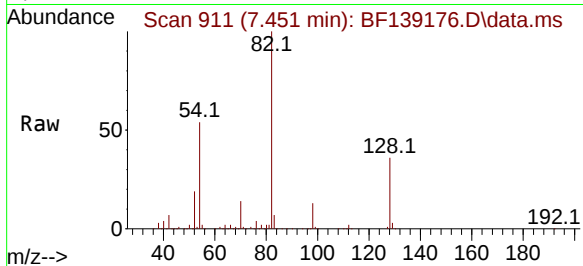




#24
Nitrobenzene
Concen: 3.500 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

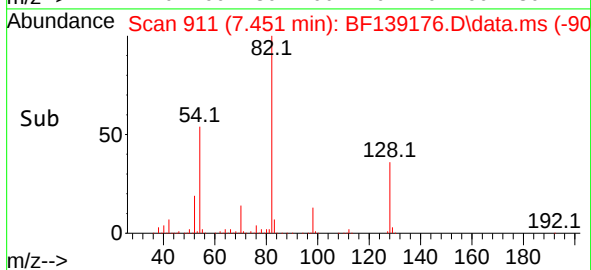
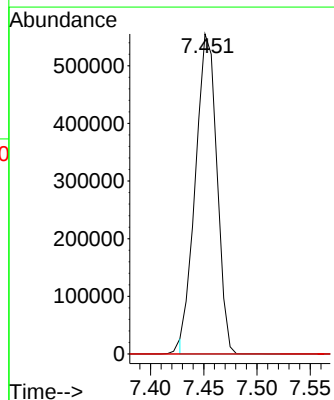
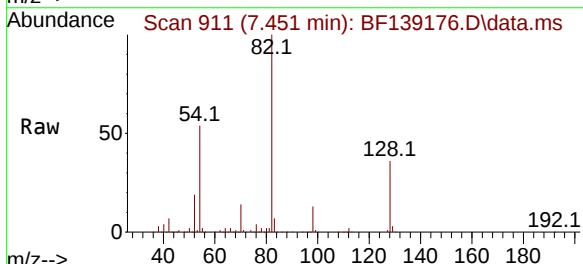
Instrument :
BNA_F
ClientSampleId :
PB162936BL

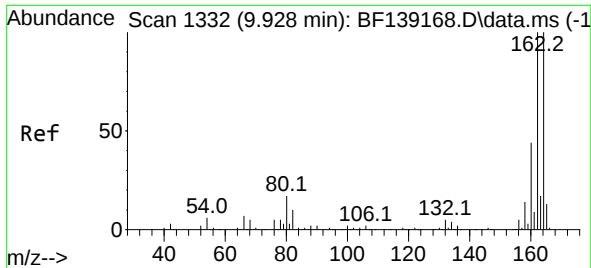
Tgt Ion: 77 Resp: 2589
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 32.6 10.9 16.3#



#25
Isophorone
Concen: 46.554 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion: 82 Resp: 779848
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# 11

Delta R.T. -0.006 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

Instrument :

BNA_F

ClientSampleId :

PB162936BL

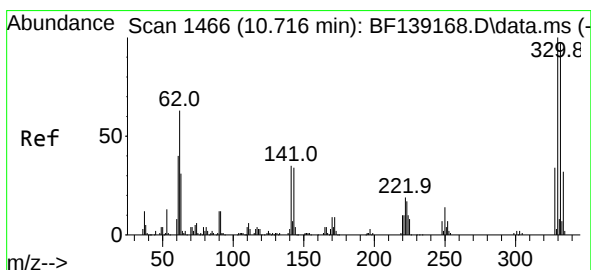
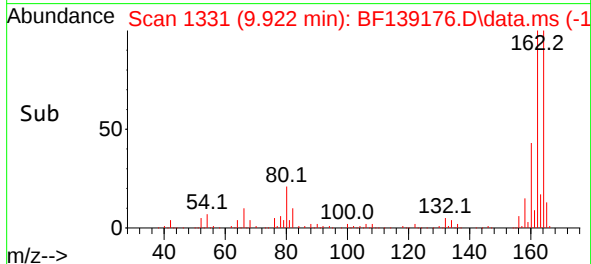
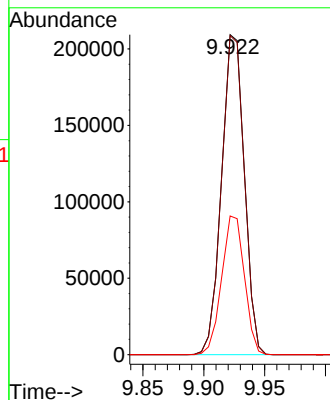
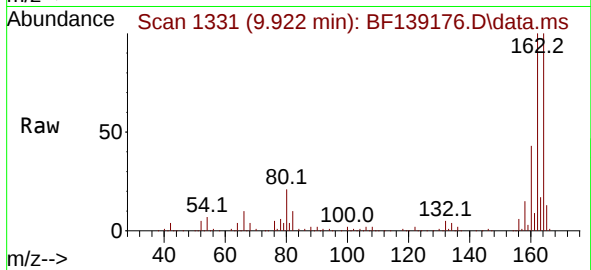
Tgt Ion:164 Resp: 273305

Ion Ratio Lower Upper

164 100

162 99.7 80.0 120.0

160 43.4 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 132.991 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

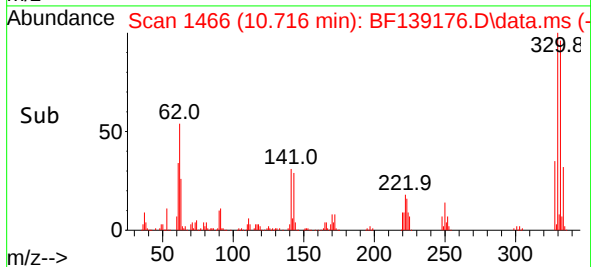
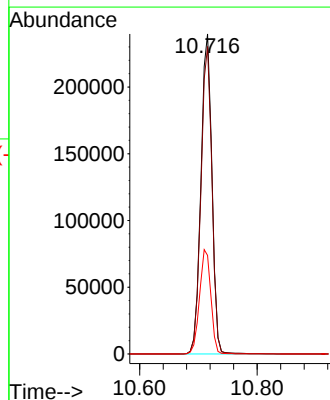
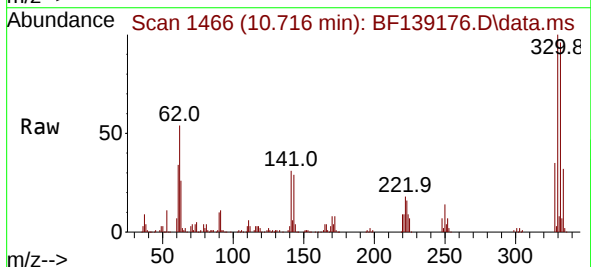
Tgt Ion:330 Resp: 311296

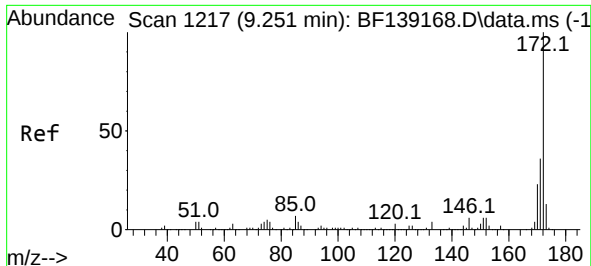
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 33.4 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 77.087 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

Instrument :

BNA_F

ClientSampleId :

PB162936BL

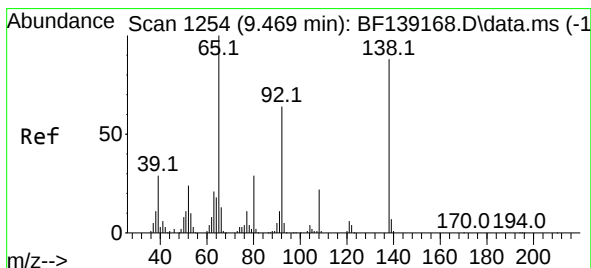
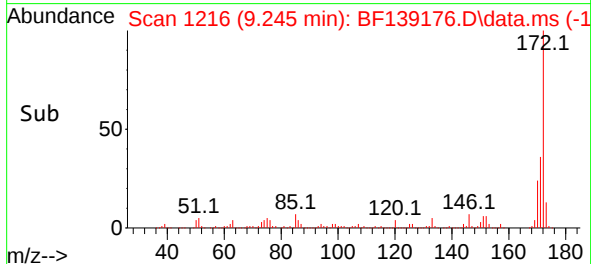
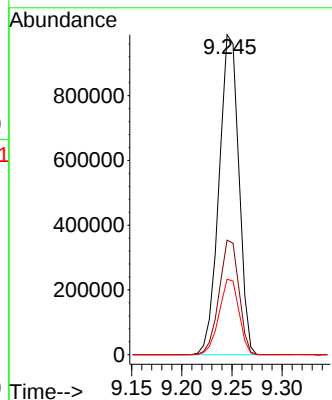
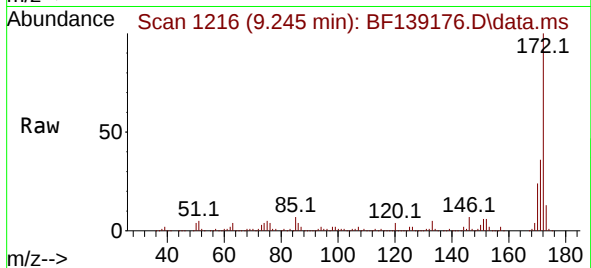
Tgt Ion:172 Resp: 1356313

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.6 18.8 28.2



#48

2-Nitroaniline

Concen: 6.285 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

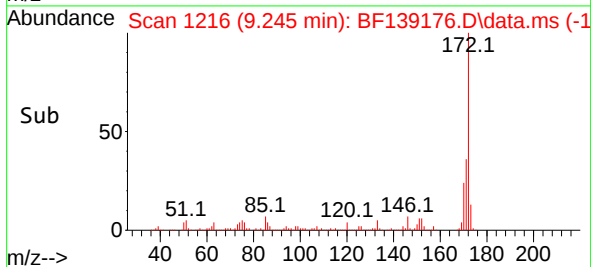
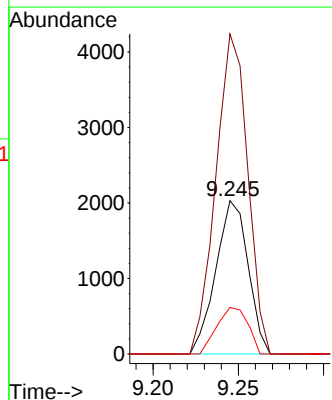
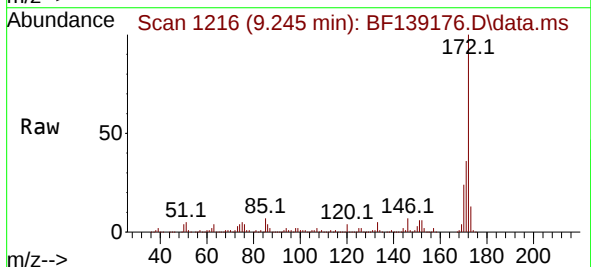
Tgt Ion: 65 Resp: 2672

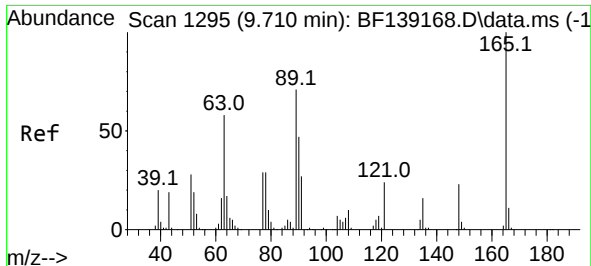
Ion Ratio Lower Upper

65 100

92 208.8 51.2 76.8#

138 30.4 70.0 105.0#

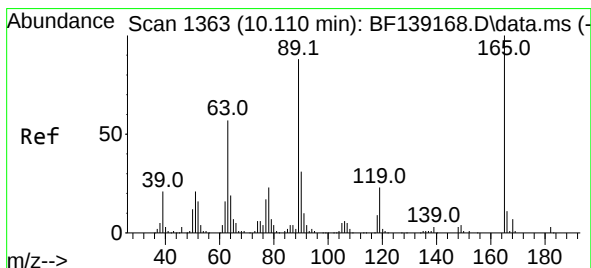
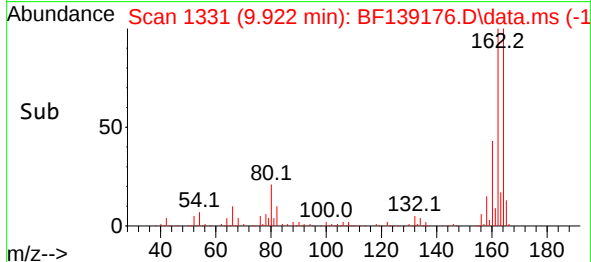
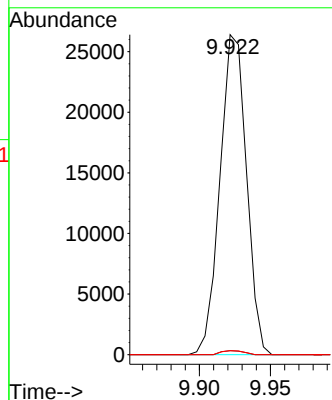
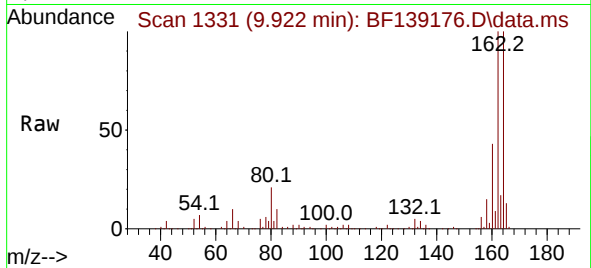




#51
2,6-Dinitrotoluene
Concen: 14.242 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

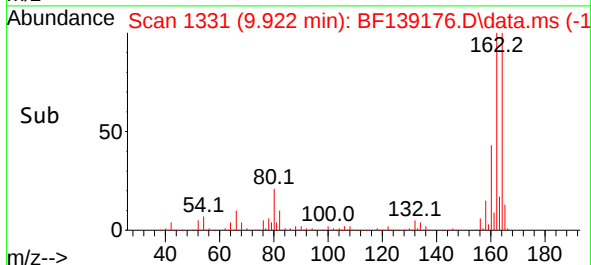
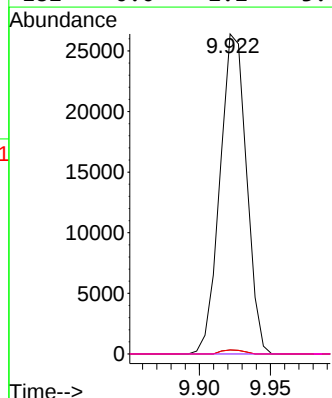
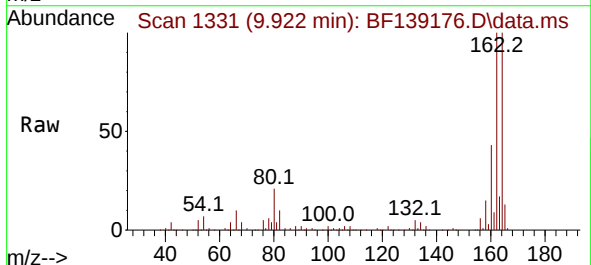
Instrument :
BNA_F
ClientSampleId :
PB162936BL

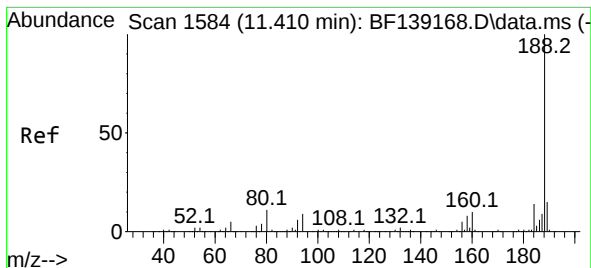
Tgt Ion:165 Resp: 34279
Ion Ratio Lower Upper
165 100
63 1.2 60.1 90.1#
89 1.3 57.0 85.6#



#57
2,4-Dinitrotoluene
Concen: 12.939 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Tgt Ion:165 Resp: 34279
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.3 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: BF139176.D

Acq: 27 Aug 2024 09:33

Instrument :

BNA_F

ClientSampleId :

PB162936BL

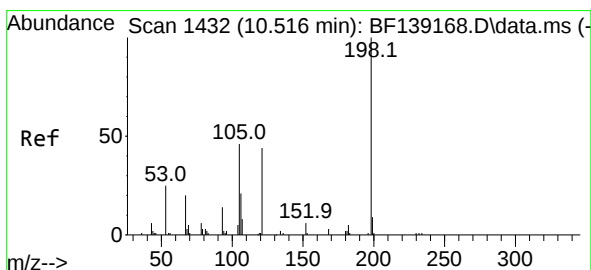
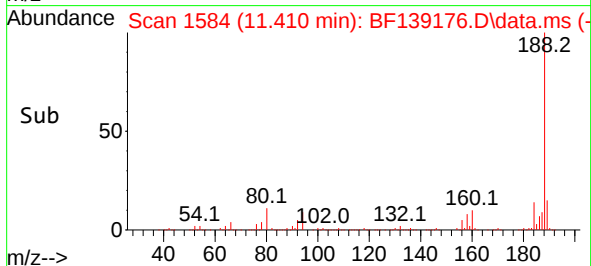
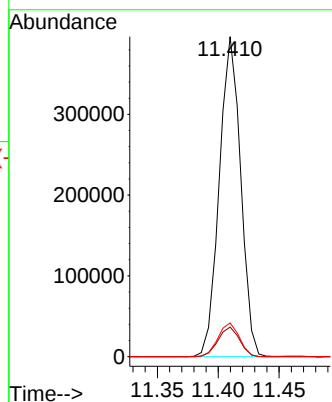
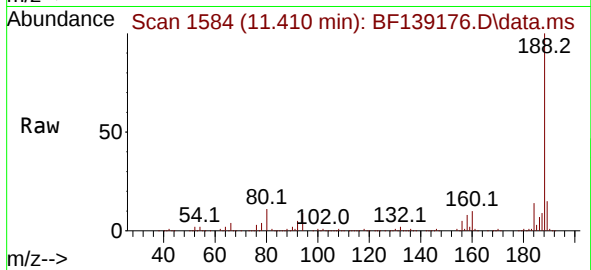
Tgt Ion:188 Resp: 483545

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.6 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.330 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139176.D

Acq: 27 Aug 2024 09:33

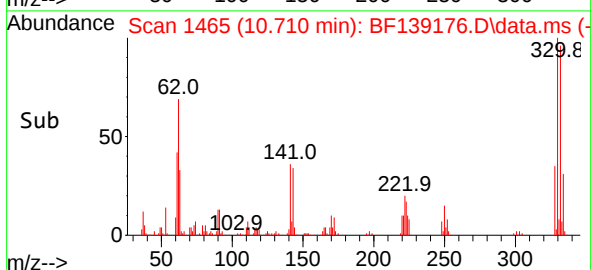
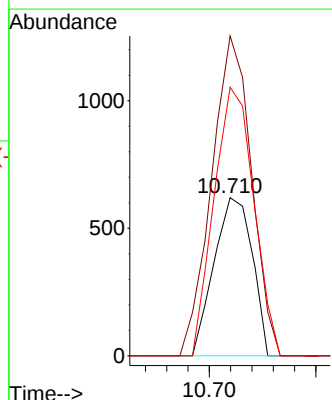
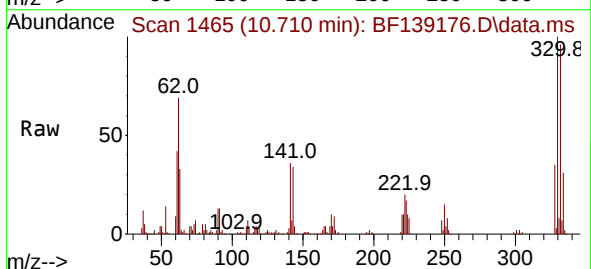
Tgt Ion:198 Resp: 771

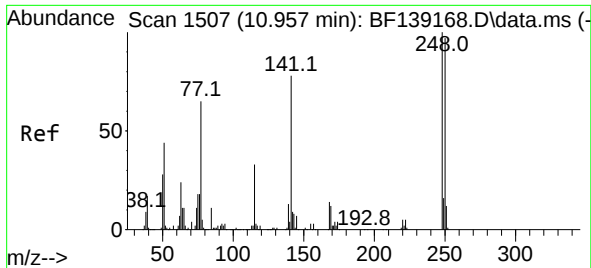
Ion Ratio Lower Upper

198 100

51 202.3 39.2 79.2#

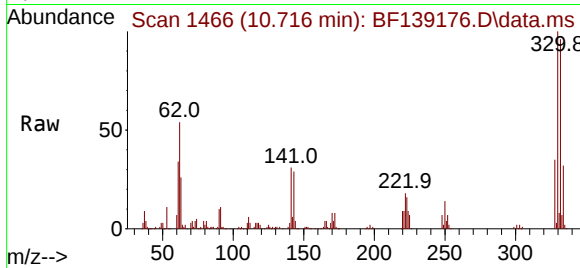
105 169.8 29.3 69.3#



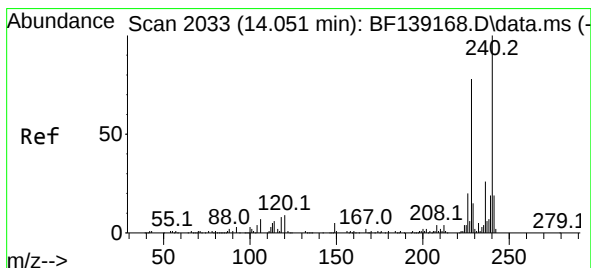
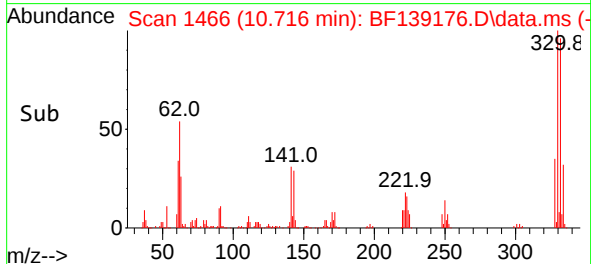
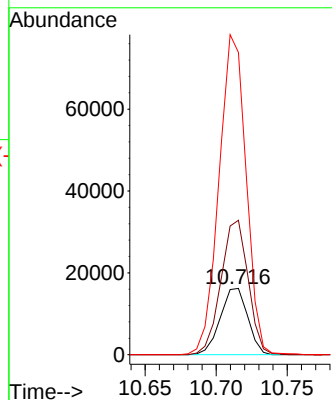


#67
4-Bromophenyl-phenylether
Concen: 4.242 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

Instrument :
BNA_F
ClientSampleId :
PB162936BL

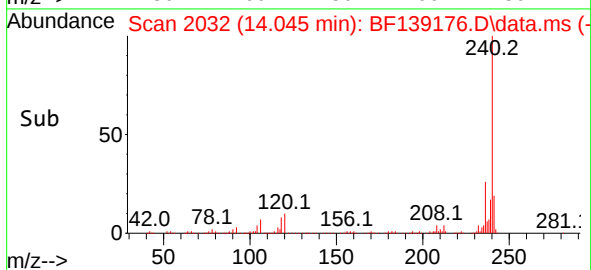
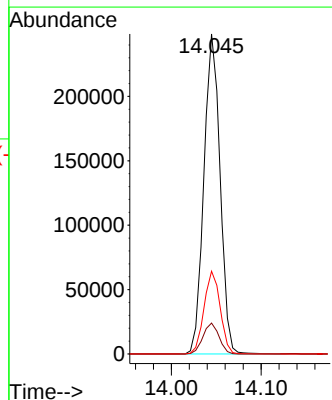
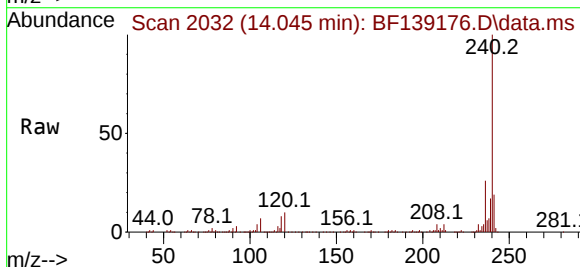


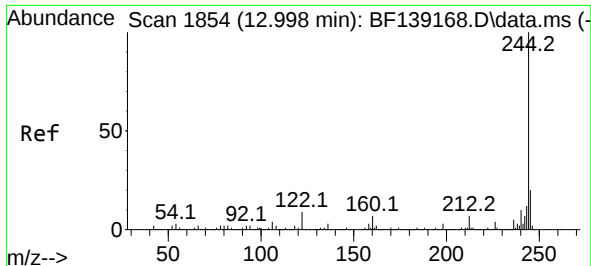
Tgt Ion:248 Resp: 21796
Ion Ratio Lower Upper
248 100
250 202.9 78.0 117.0#
141 456.2 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139176.D
Acq: 27 Aug 2024 09:33

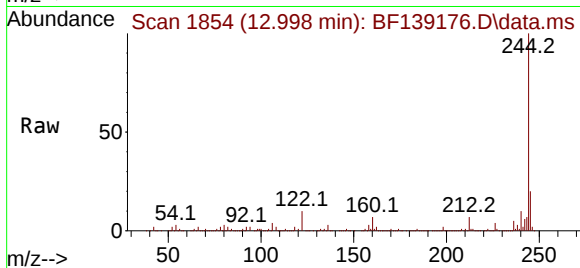
Tgt Ion:240 Resp: 311222
Ion Ratio Lower Upper
240 100
120 9.7 6.9 10.3
236 25.9 20.9 31.3



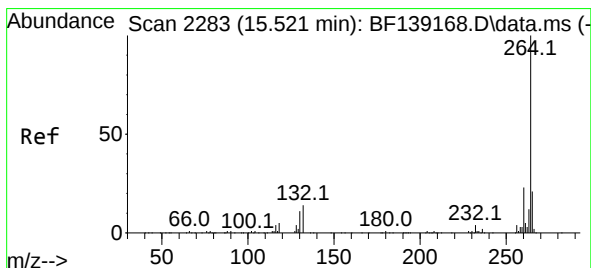
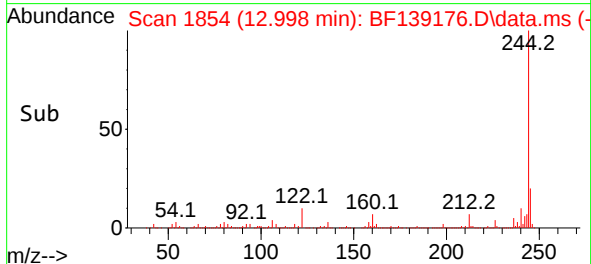
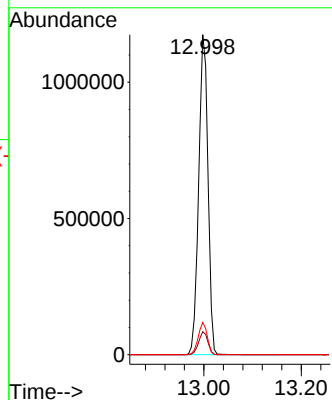


#79
 Terphenyl-d14
 Concen: 78.222 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139176.D
 Acq: 27 Aug 2024 09:33

Instrument :
 BNA_F
 ClientSampleId :
 PB162936BL



Tgt Ion:244 Resp: 1560216
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.0 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: BF139176.D
 Acq: 27 Aug 2024 09:33

Tgt Ion:264 Resp: 246953
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.2 17.0 25.6

