

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139386.D
 Acq On : 16 Sep 2024 18:51
 Operator : RC/JU
 Sample : P3930-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-33

Quant Time: Sep 17 01:38:21 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)

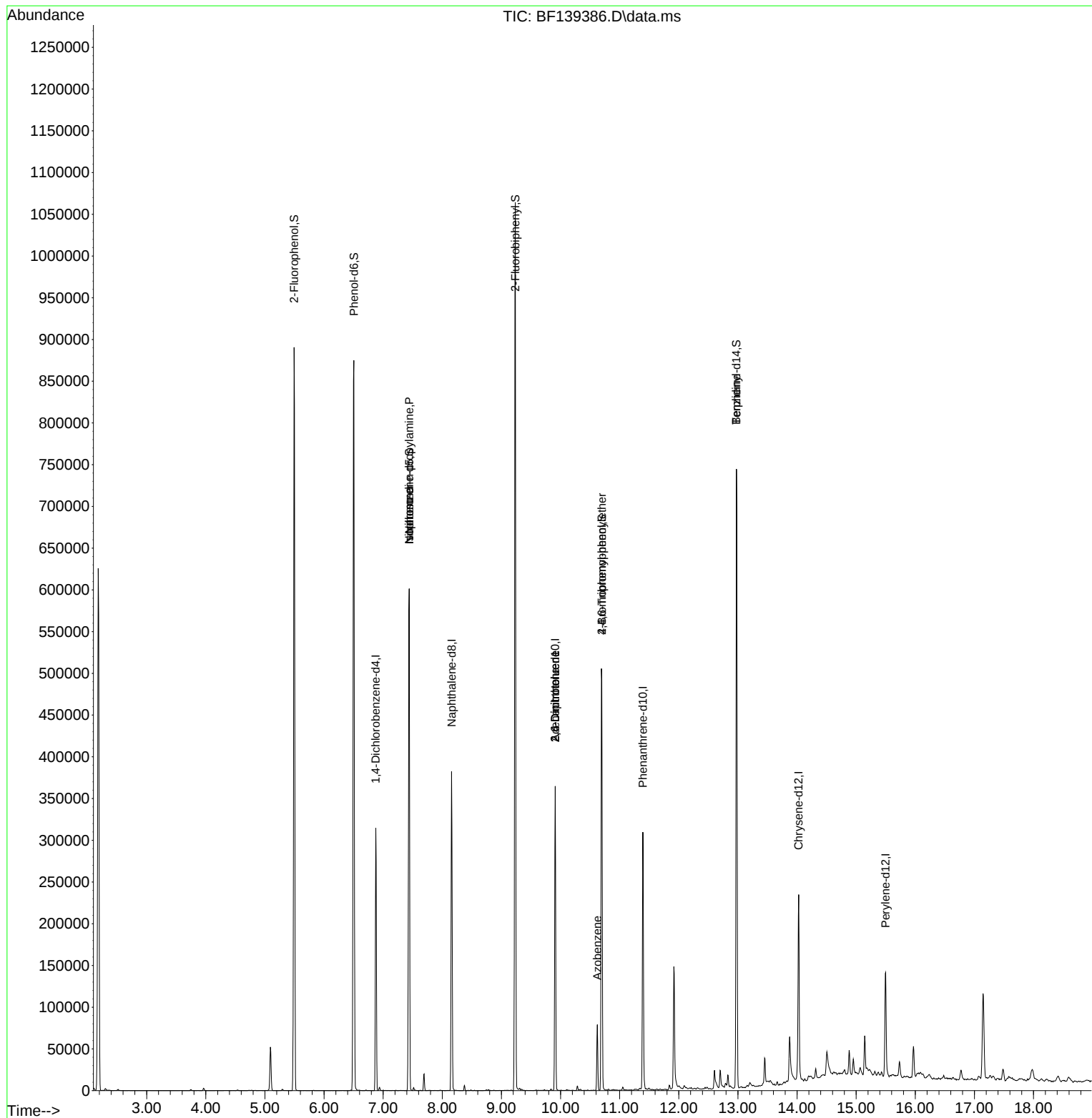
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58262	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	211974	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	101610	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	154165	20.000	ng	0.00
76) Chrysene-d12	14.027	240	95887	20.000	ng	0.00
86) Perylene-d12	15.498	264	74008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	280790	78.622	ng	0.00
7) Phenol-d6	6.504	99	364470	77.750	ng	0.00
23) Nitrobenzene-d5	7.440	82	248117	55.027	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	73644	68.078	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	439447	60.657	ng	0.00
79) Terphenyl-d14	12.974	244	342766	58.675	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	35560	12.801	ng	# 74
25) Isophorone	7.440	82	248114	34.794	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	12392	8.388	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	12392	6.213	ng	# 17
63) Azobenzene	10.622	77	19855	2.933	ng	# 3
67) 4-Bromophenyl-phenylether	10.698	248	5389	3.527	ng	# 1
77) Benzidine	12.974	184	5611	4.084	ng	# 93

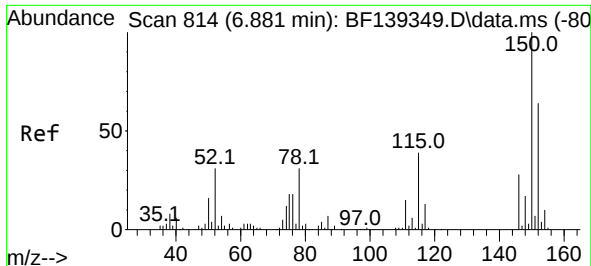
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139386.D
Acq On : 16 Sep 2024 18:51
Operator : RC/JU
Sample : P3930-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-B-33

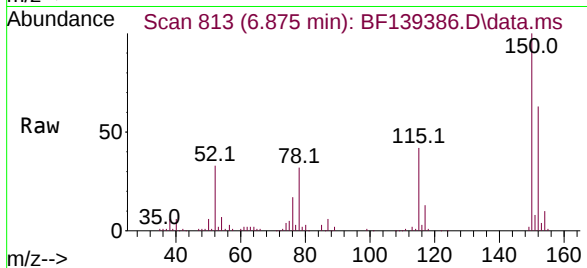
Quant Time: Sep 17 01:38:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



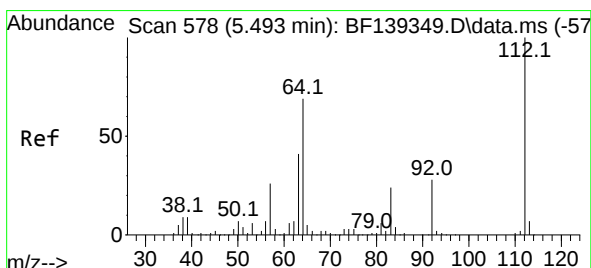
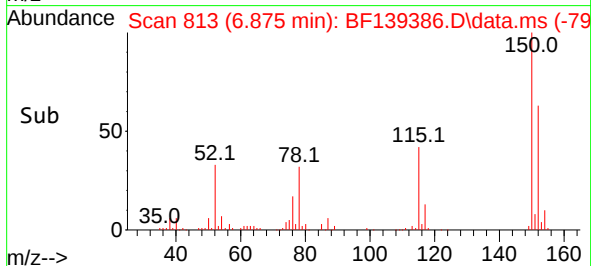
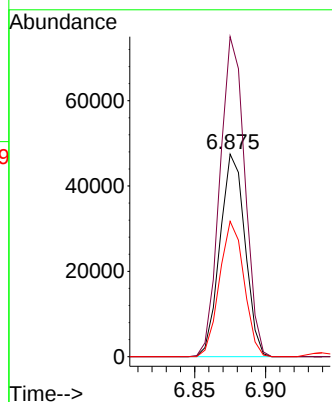


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Instrument :
BNA_F
ClientSampleId :
DN-B-33

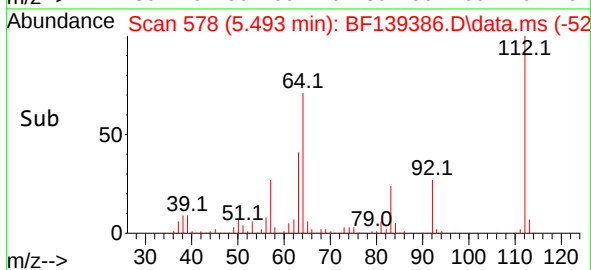
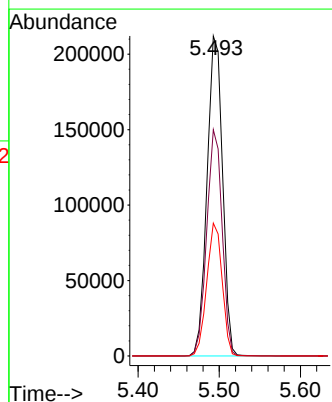
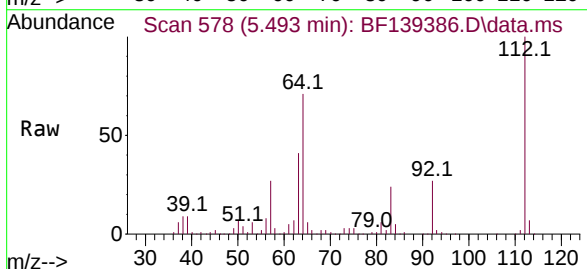


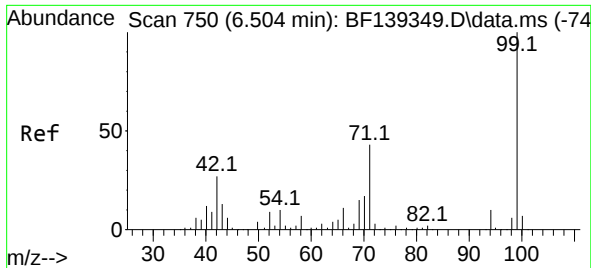
Tgt Ion:152 Resp: 58262
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 66.9 48.1 72.1



#5
2-Fluorophenol
Concen: 78.622 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion:112 Resp: 280790
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 41.5 33.0 49.4

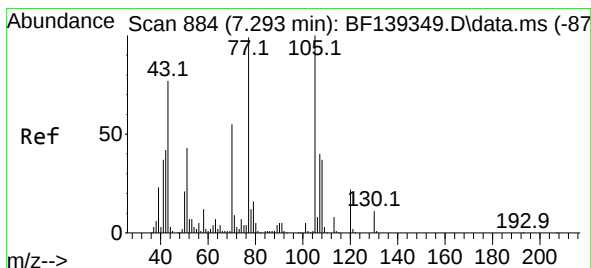
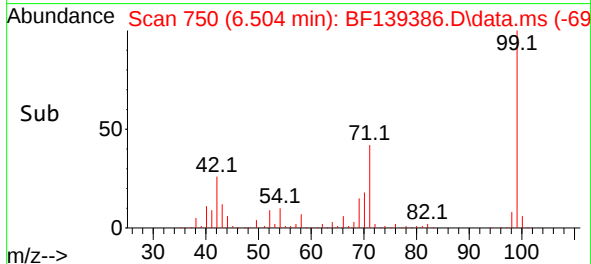
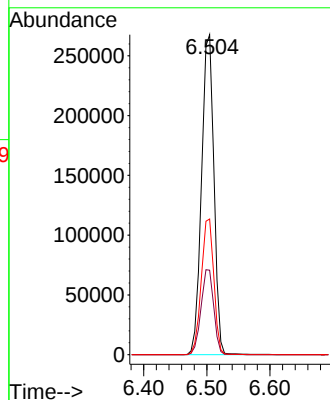
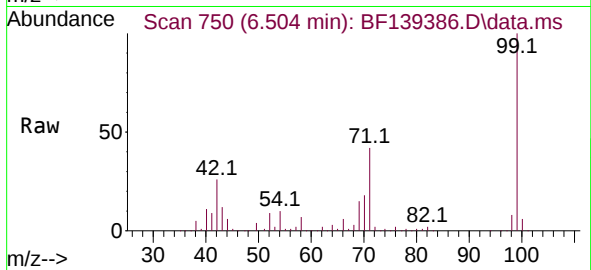




#7
Phenol-d6
Concen: 77.750 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

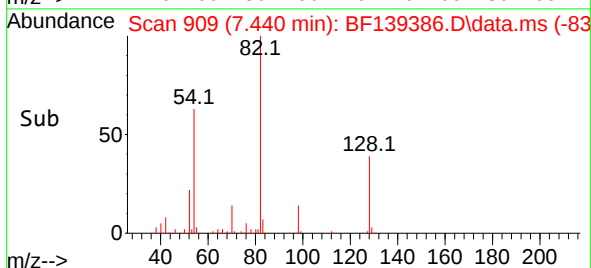
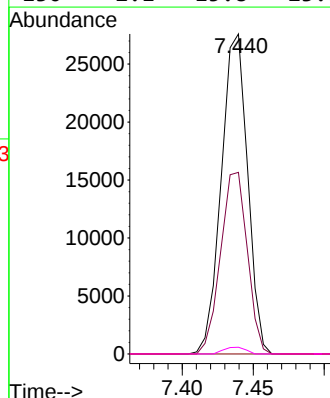
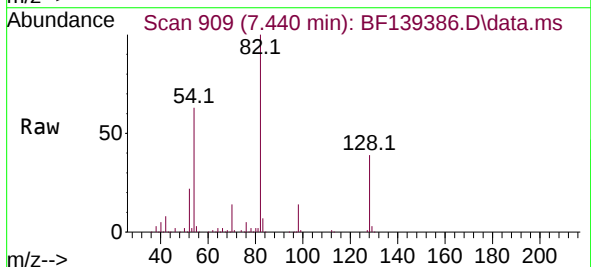
Instrument :
BNA_F
ClientSampleId :
DN-B-33

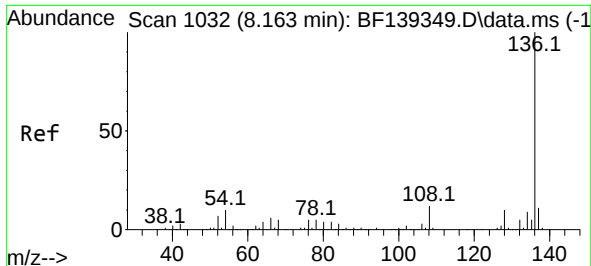
Tgt Ion: 99 Resp: 364470
Ion Ratio Lower Upper
99 100
42 26.4 21.9 32.9
71 42.4 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.801 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

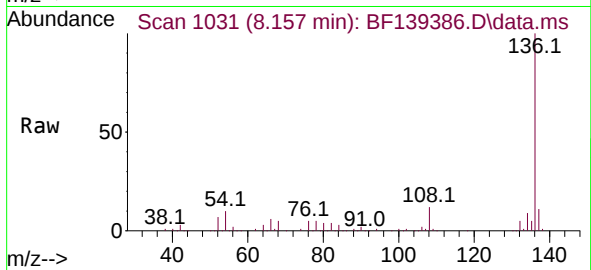
Tgt Ion: 70 Resp: 35560
Ion Ratio Lower Upper
70 100
42 56.8 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#



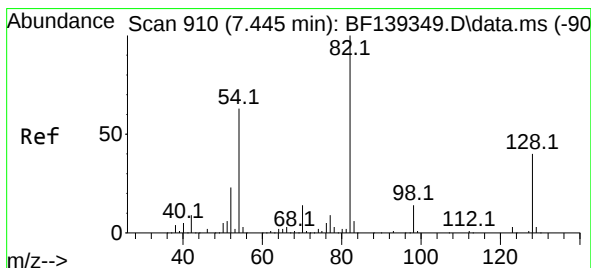
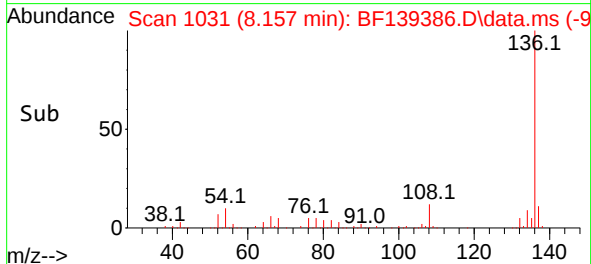
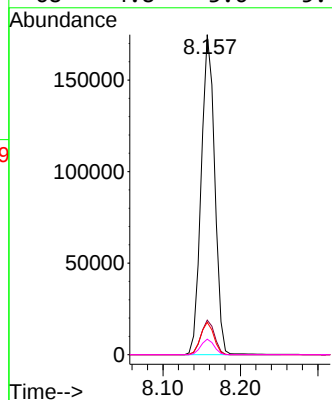


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Instrument :
BNA_F
ClientSampleId :
DN-B-33

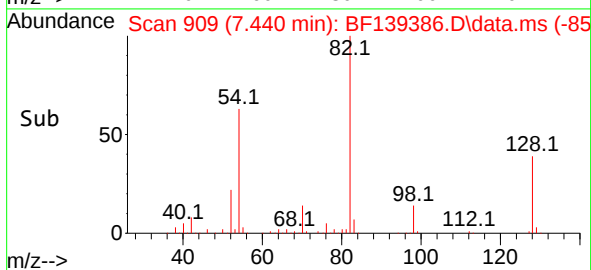
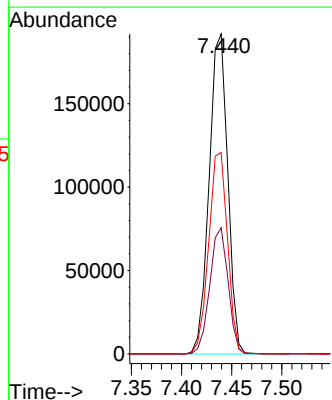
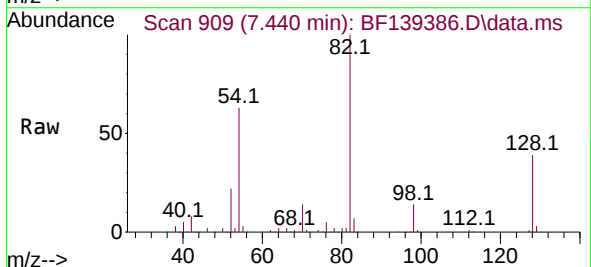


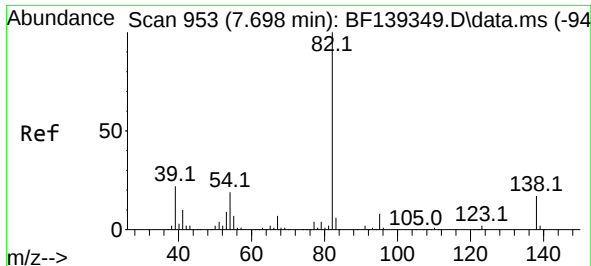
Tgt Ion:136 Resp: 211974
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.1 7.8 11.8
68 4.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 55.027 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion: 82 Resp: 248117
Ion Ratio Lower Upper
82 100
128 39.5 31.8 47.6
54 63.0 50.6 75.8

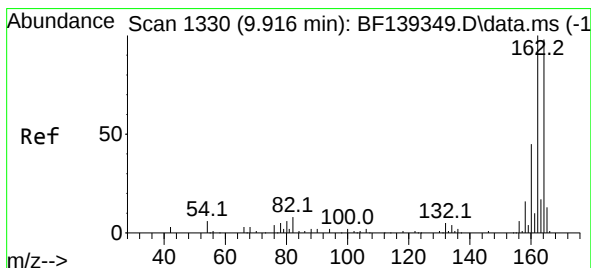
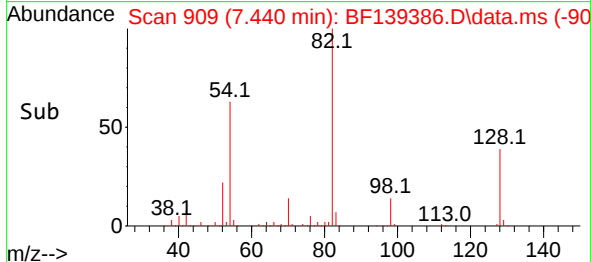
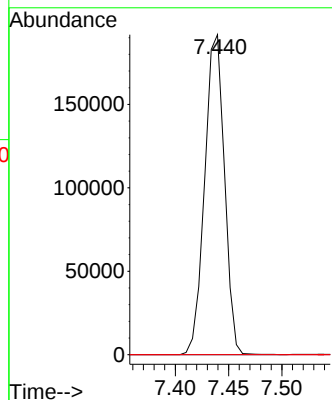
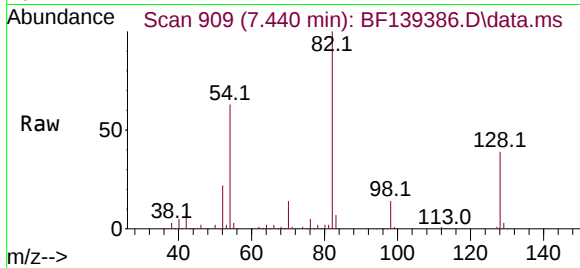




#25
Isophorone
Concen: 34.794 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

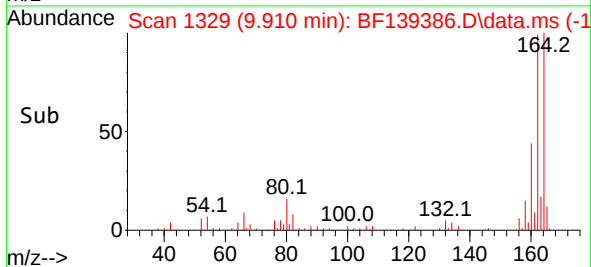
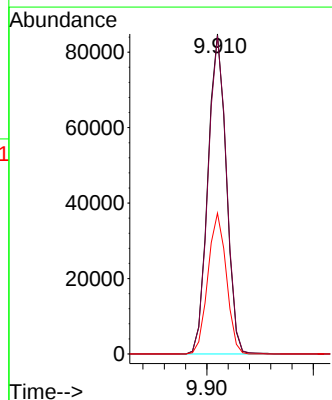
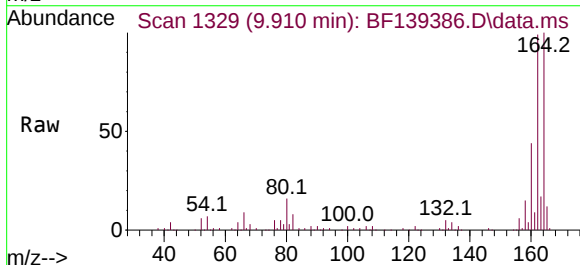
Instrument :
BNA_F
ClientSampleId :
DN-B-33

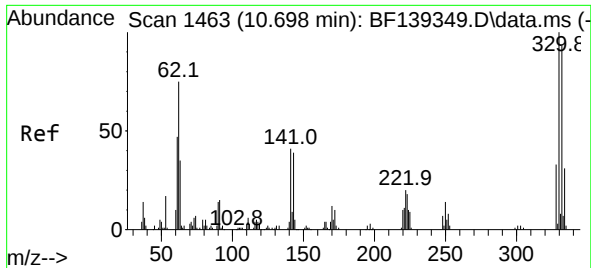
Tgt Ion: 82 Resp: 248114
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion:164 Resp: 101610
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 44.0 36.4 54.6

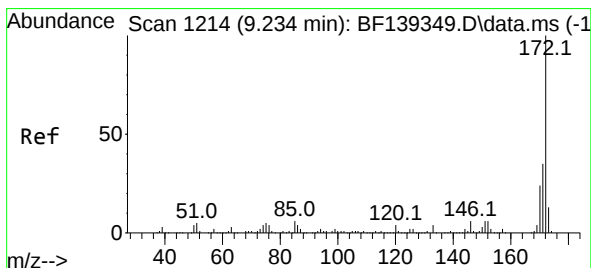
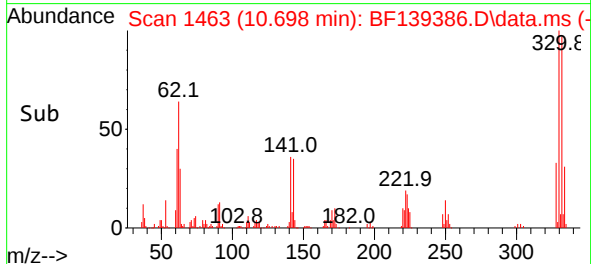
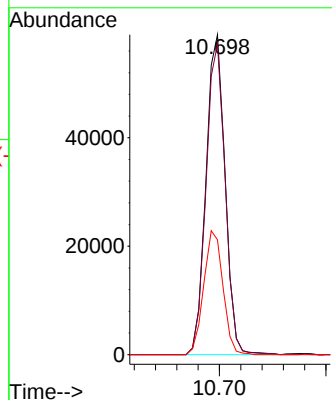
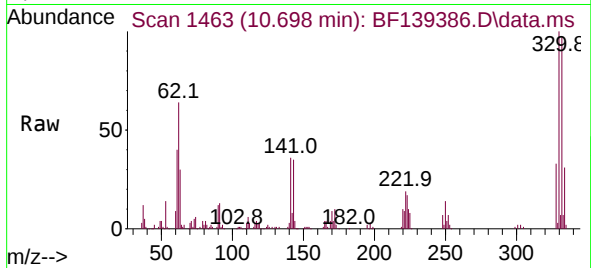




#42
2,4,6-Tribromophenol
Concen: 68.078 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

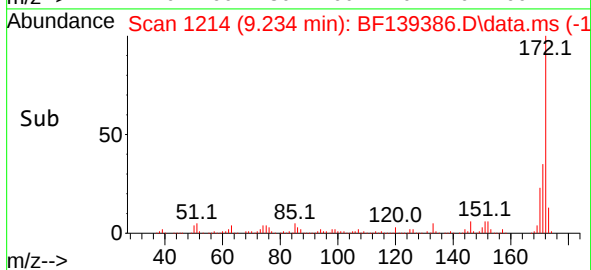
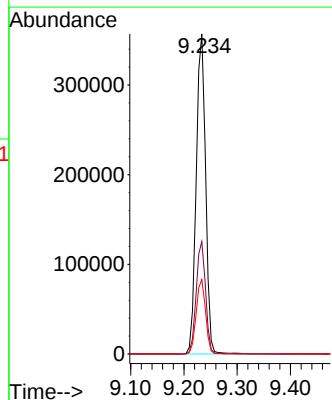
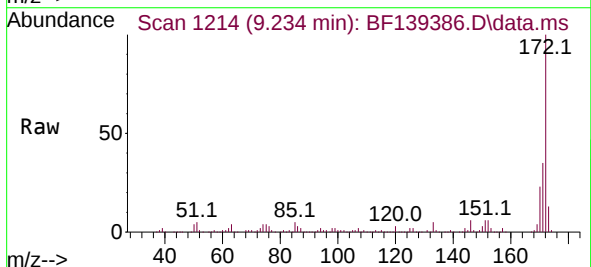
Instrument :
BNA_F
ClientSampleId :
DN-B-33

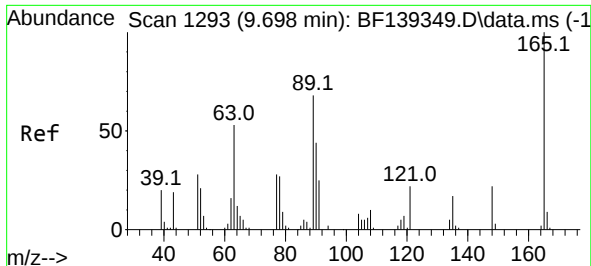
Tgt Ion: 330 Resp: 73644
Ion Ratio Lower Upper
330 100
332 97.1 75.2 112.8
141 39.0 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 60.657 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion: 172 Resp: 439447
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6

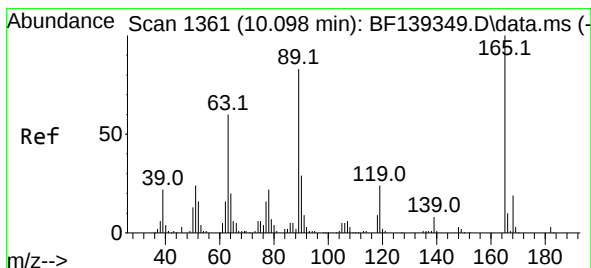
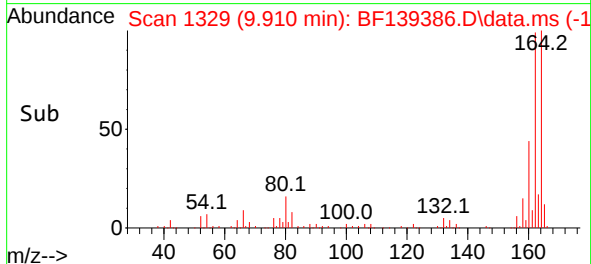
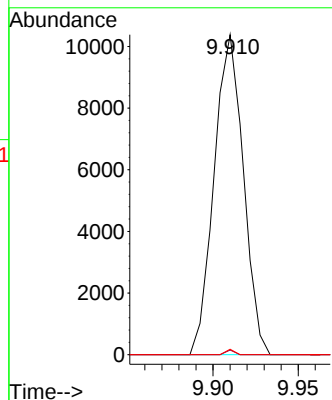
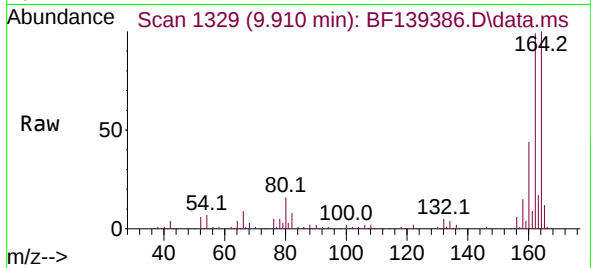




#51
2,6-Dinitrotoluene
Concen: 8.388 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

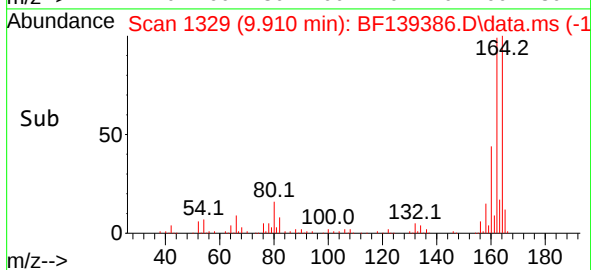
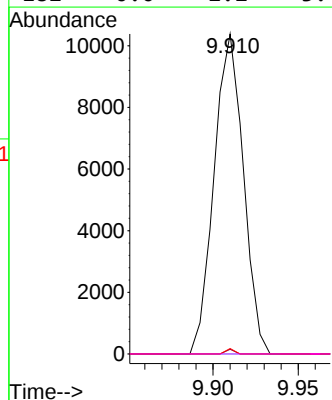
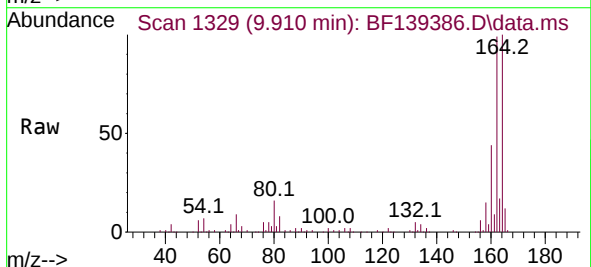
Instrument :
BNA_F
ClientSampleId :
DN-B-33

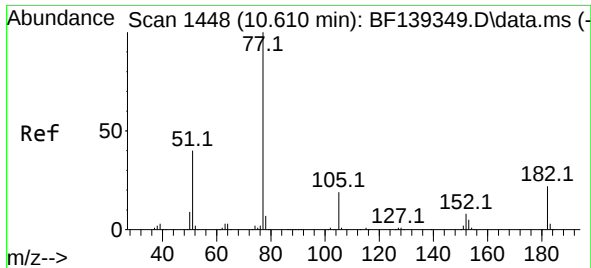
Tgt Ion:165 Resp: 12392
Ion Ratio Lower Upper
165 100
63 1.5 60.9 91.3#
89 1.7 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.213 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion:165 Resp: 12392
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 1.7 66.7 100.1#
182 0.0 2.2 3.4#

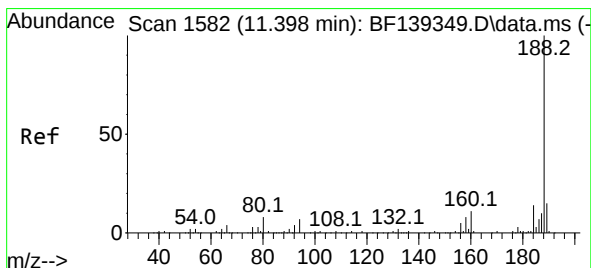
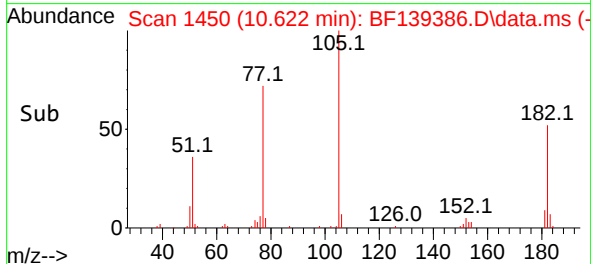
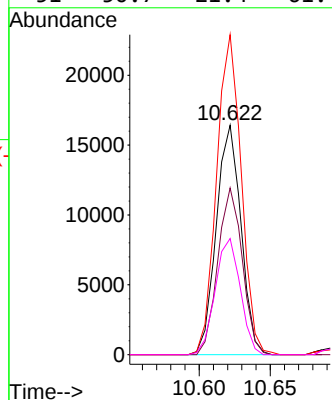
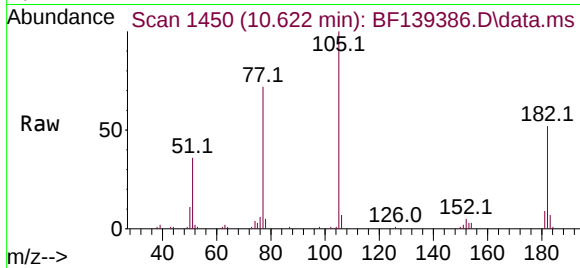




#63
Azobenzene
Concen: 2.933 ng
RT: 10.622 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

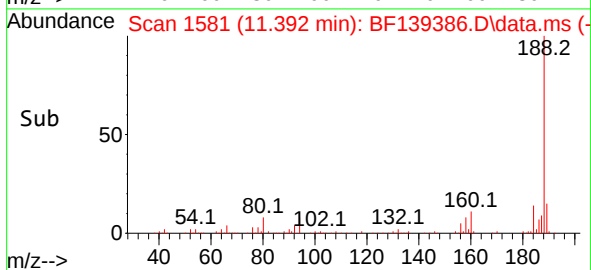
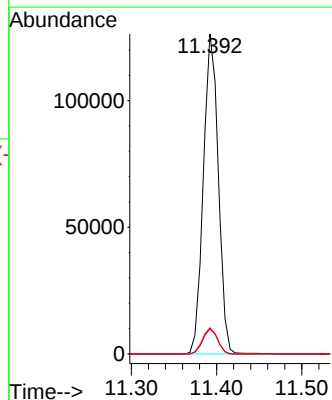
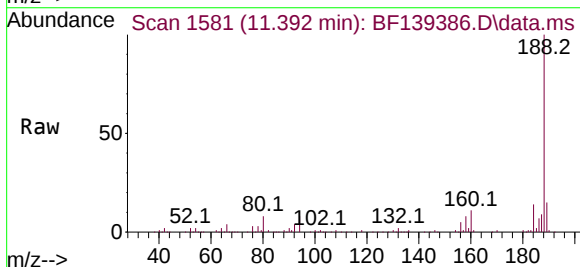
Instrument :
BNA_F
ClientSampleId :
DN-B-33

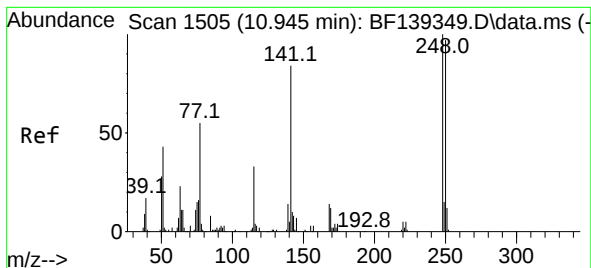
Tgt Ion: 77 Resp: 19855
Ion Ratio Lower Upper
77 100
182 72.7 1.8 41.8#
105 139.5 0.0 38.6#
51 50.7 21.4 61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion: 188 Resp: 154165
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 8.2 6.6 9.8

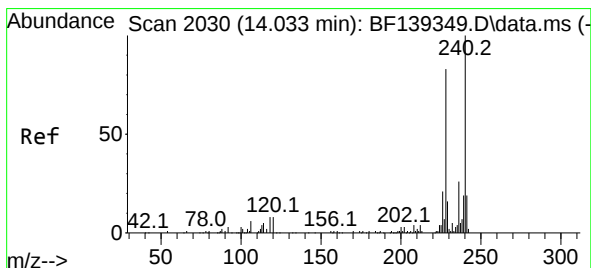
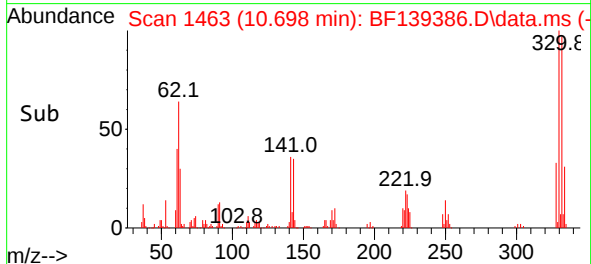
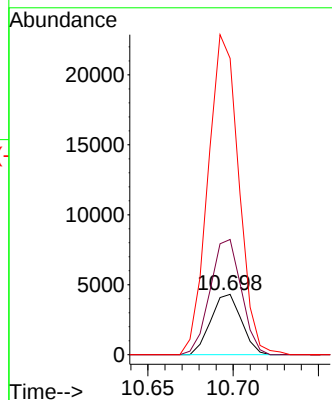
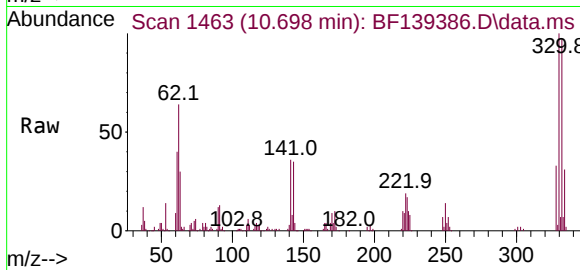




#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

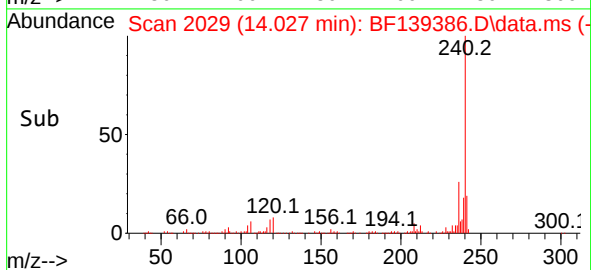
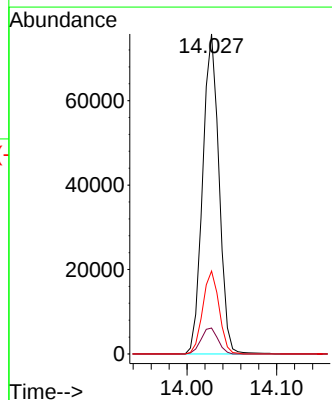
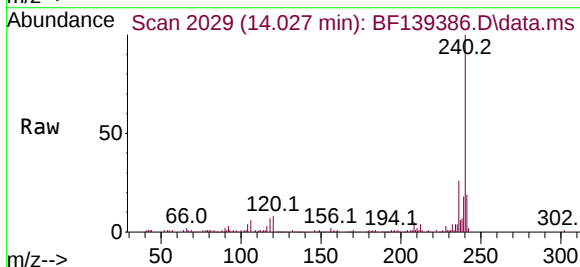
Instrument :
BNA_F
ClientSampleId :
DN-B-33

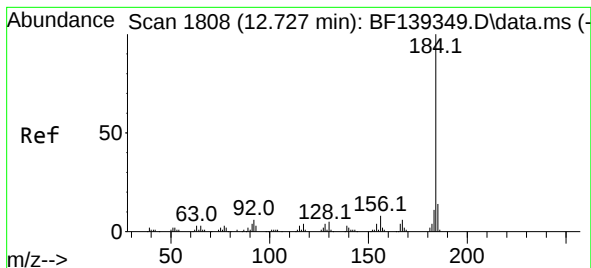
Tgt Ion:248 Resp: 5389
Ion Ratio Lower Upper
248 100
250 191.2 77.6 116.4#
141 491.6 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139386.D
Acq: 16 Sep 2024 18:51

Tgt Ion:240 Resp: 95887
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 4.084 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139386.D

Acq: 16 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

DN-B-33

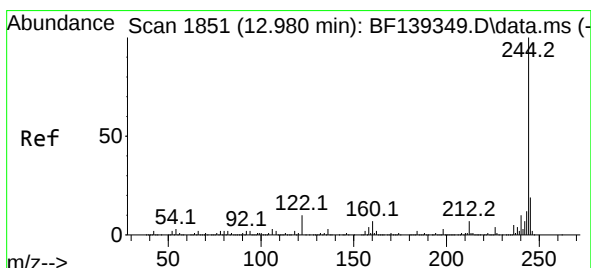
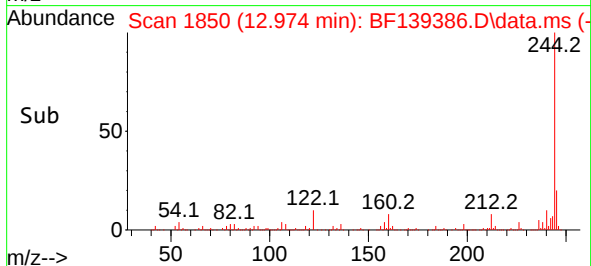
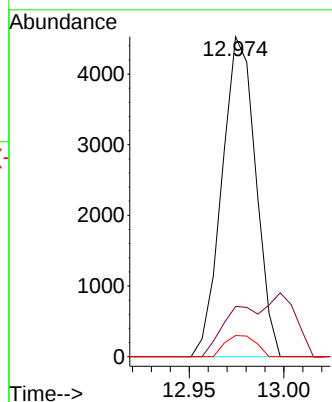
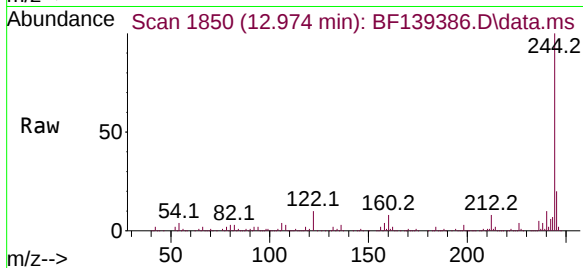
Tgt Ion:184 Resp: 5611

Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

183 6.6 8.9 13.3#



#79

Terphenyl-d14

Concen: 58.675 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139386.D

Acq: 16 Sep 2024 18:51

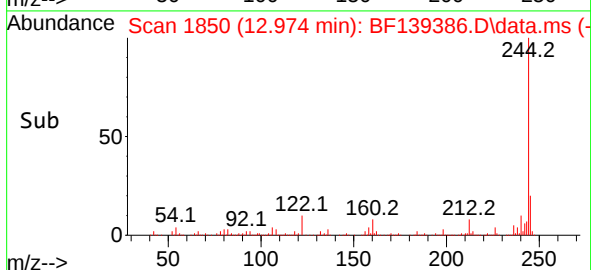
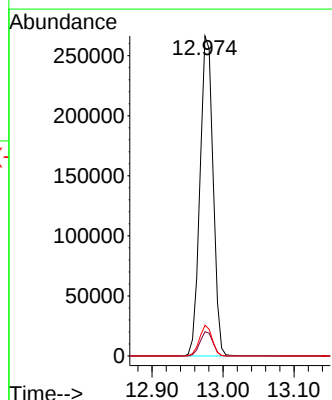
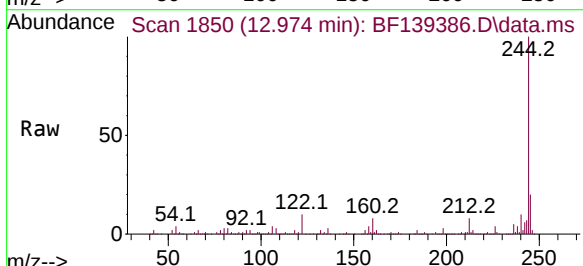
Tgt Ion:244 Resp: 342766

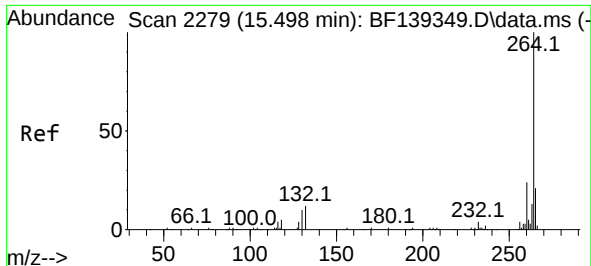
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

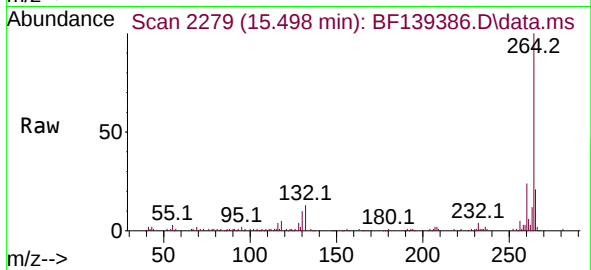
122 9.6 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139386.D
 Acq: 16 Sep 2024 18:51

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-33



Tgt Ion:264 Resp: 74008
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.0 16.6 25.0

