

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140053.D
 Acq On : 26 Oct 2024 12:06
 Operator : RC/JU
 Sample : P4508-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F22

Quant Time: Oct 28 01:05:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

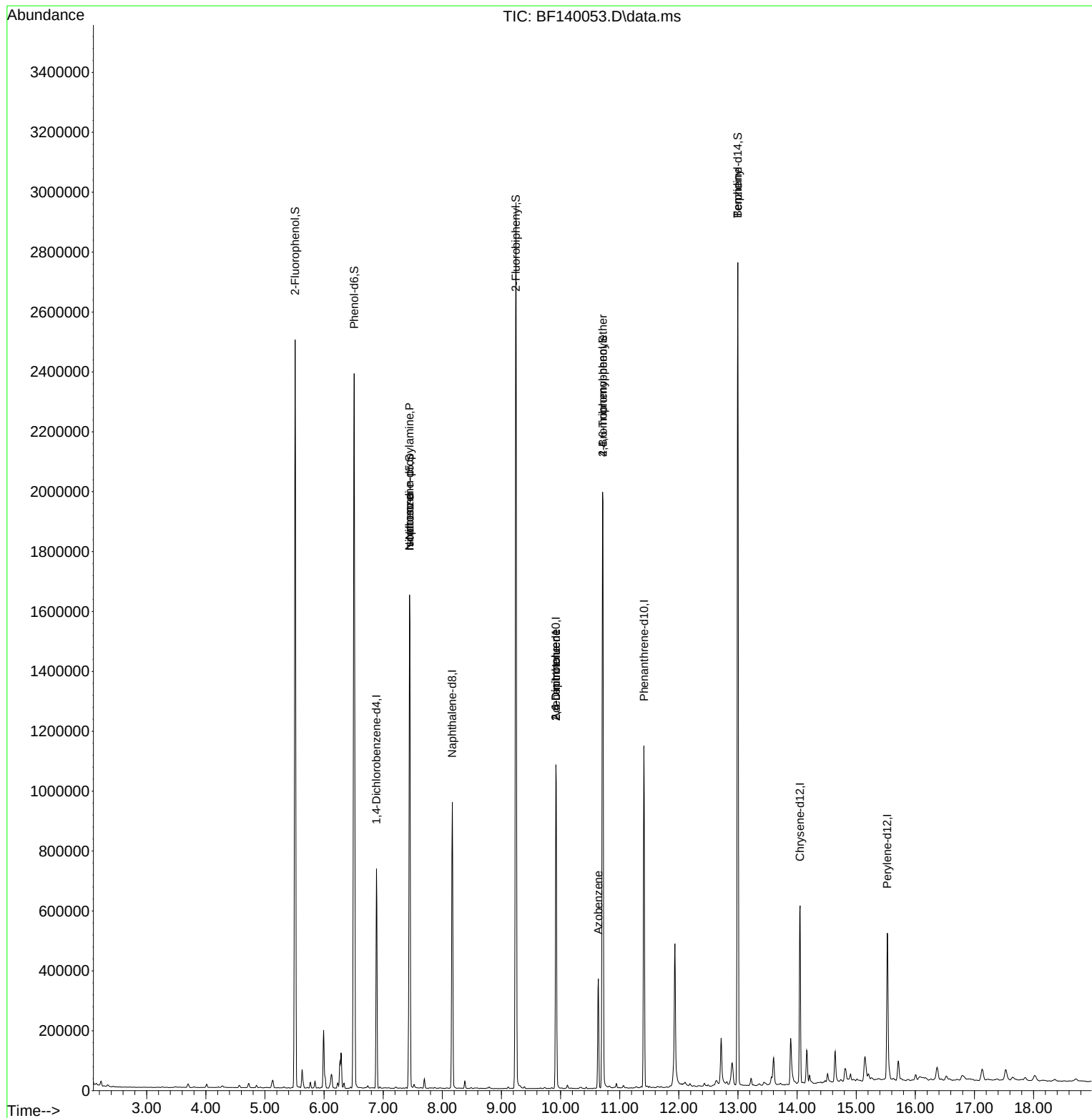
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	148551	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	578359	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	337498	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	595929	20.000	ng	0.00
76) Chrysene-d12	14.051	240	289351	20.000	ng	0.00
86) Perylene-d12	15.527	264	299372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	954350	100.573	ng	0.01
7) Phenol-d6	6.510	99	1230961	100.160	ng	0.00
23) Nitrobenzene-d5	7.445	82	780891	74.832	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	376813	119.364	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1375699	67.367	ng	0.00
79) Terphenyl-d14	12.998	244	1382638	77.863	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	104022	13.956	ng	# 76
25) Isophorone	7.445	82	775539	39.157	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	42509	9.339	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	42510	7.595	ng	# 21
63) Azobenzene	10.639	77	94100	4.300	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	23655	3.853	ng	# 1
77) Benzidine	12.998	184	17749	3.730	ng	# 93

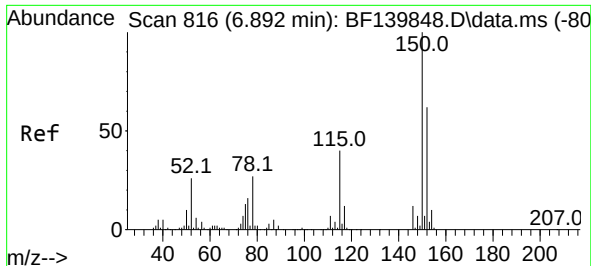
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

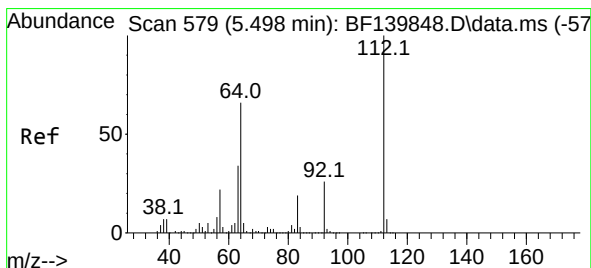
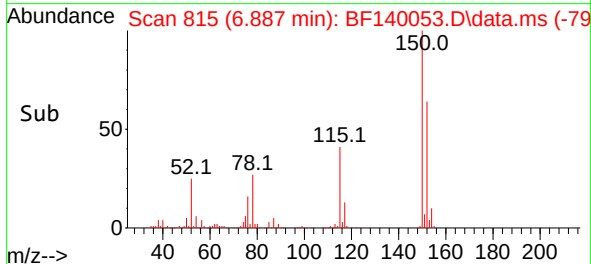
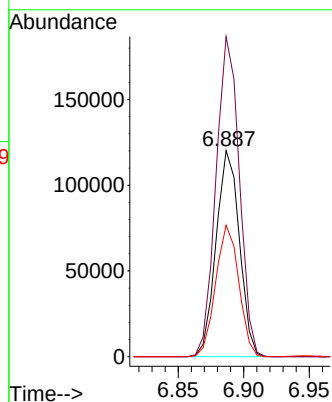
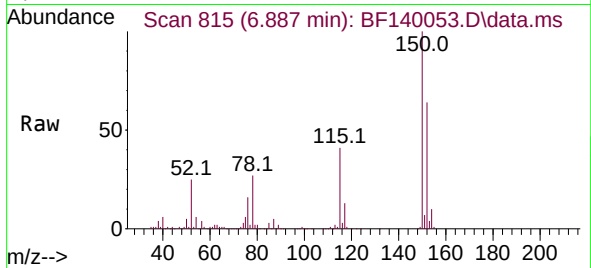




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

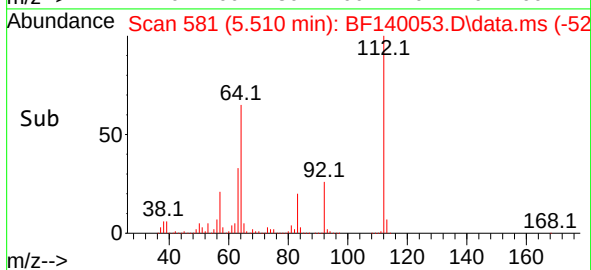
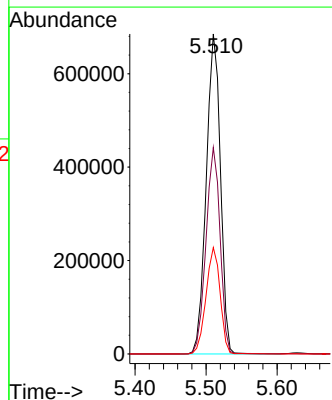
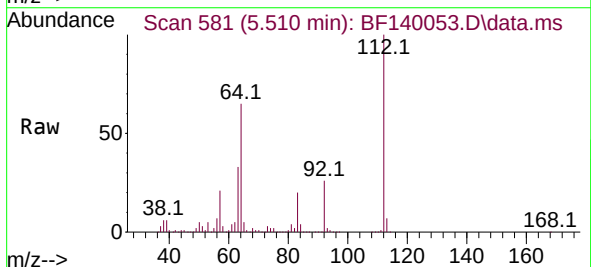
Instrument :
BNA_F
ClientSampleId :
BP-F22

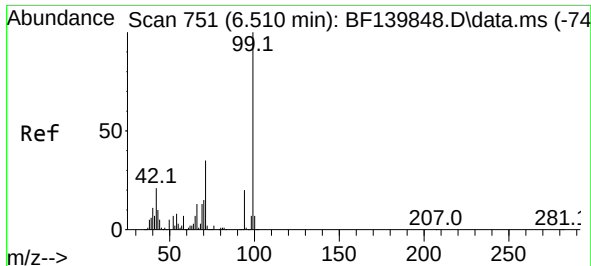
Tgt Ion:152 Resp: 148551
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 100.573 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:112 Resp: 954350
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.3 27.0 40.4



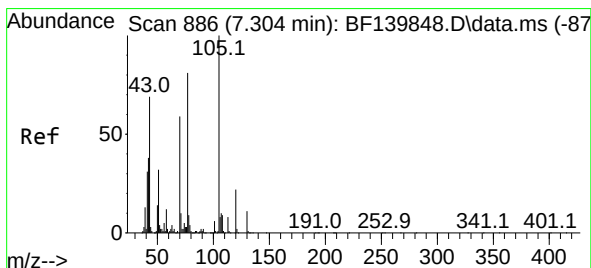
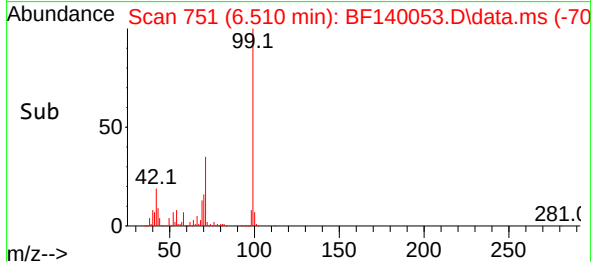
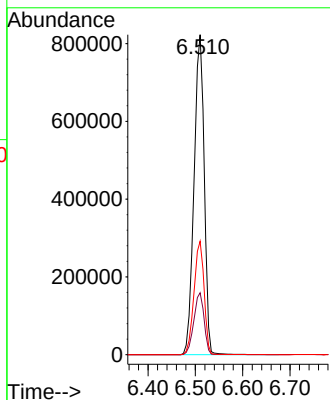
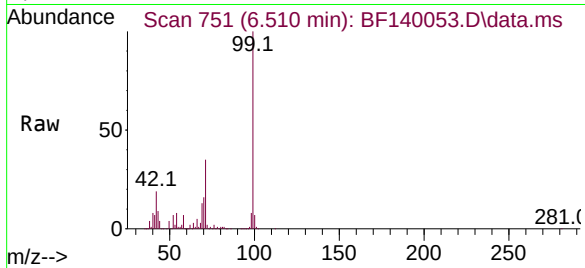


#7
Phenol-d6
Concen: 100.160 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Instrument :
BNA_F
ClientSampleId :
BP-F22

Tgt Ion: 99 Resp: 1230961

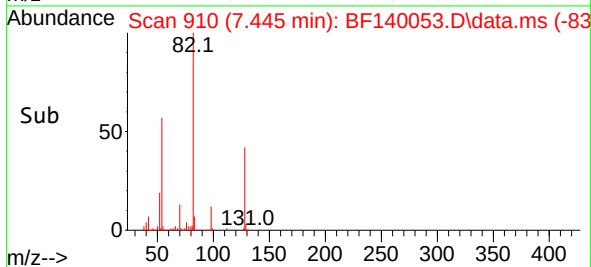
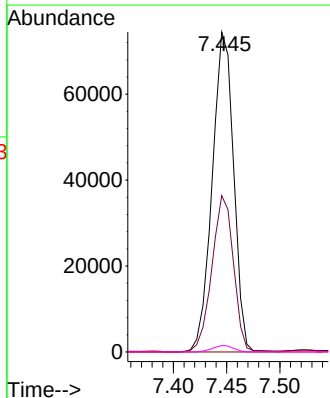
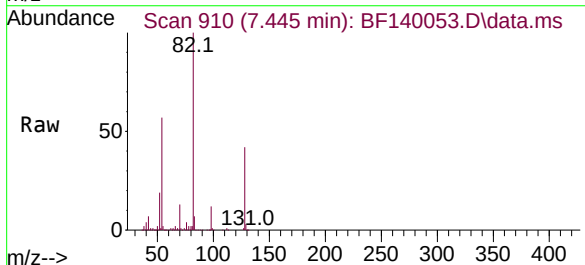
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.7	25.1
71	35.4	27.7	41.5

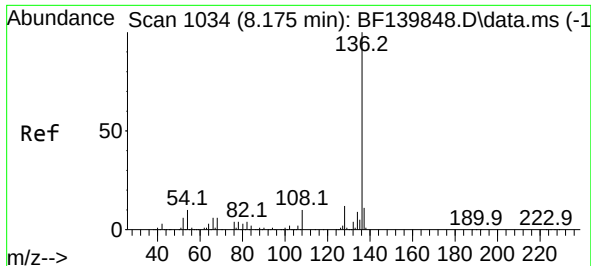


#19
n-Nitroso-di-n-propylamine
Concen: 13.956 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion: 70 Resp: 104022

Ion	Ratio	Lower	Upper
70	100		
42	48.9	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



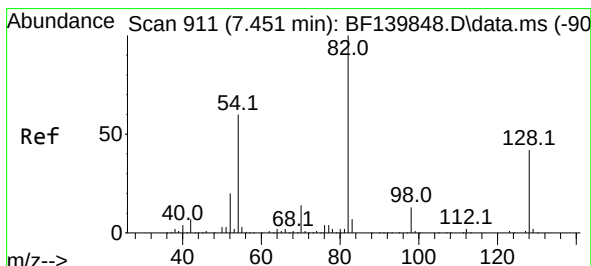
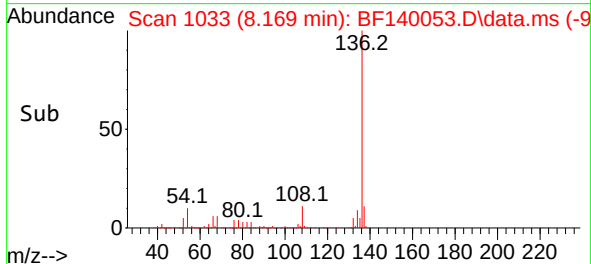
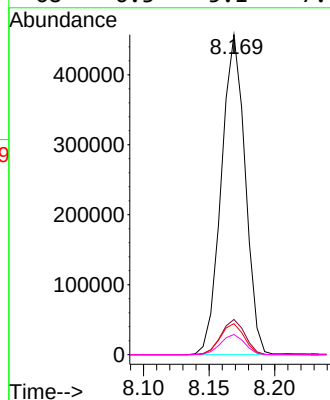
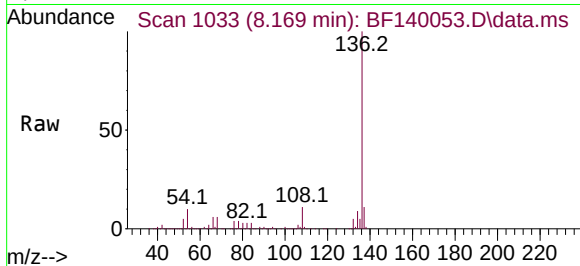


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Instrument :
BNA_F
ClientSampleId :
BP-F22

Tgt Ion:136 Resp: 578359

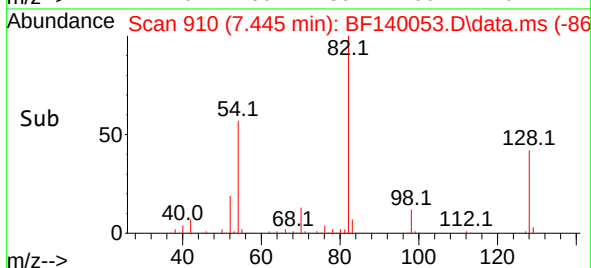
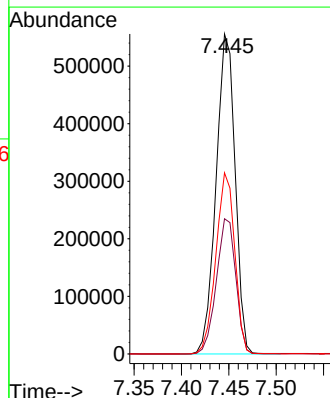
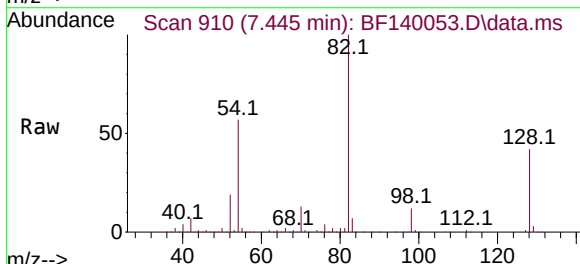
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.7	8.4	12.6
68	6.3	5.1	7.7

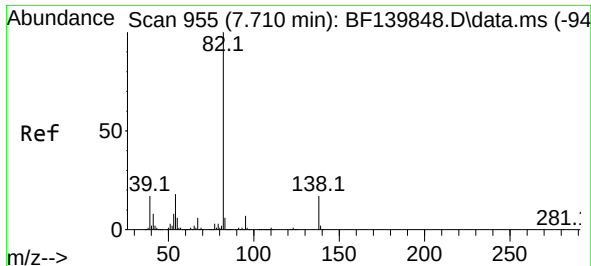


#23
Nitrobenzene-d5
Concen: 74.832 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion: 82 Resp: 780891

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	56.6	47.8	71.8

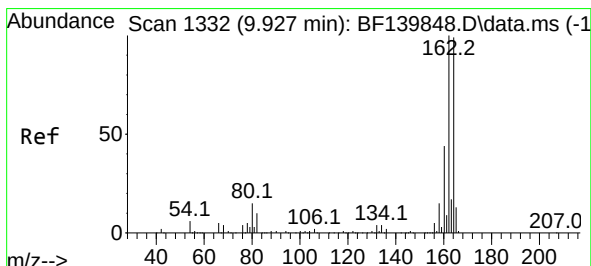
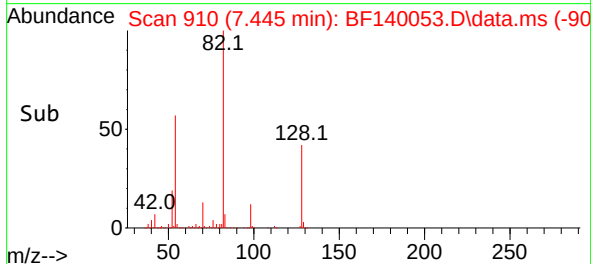
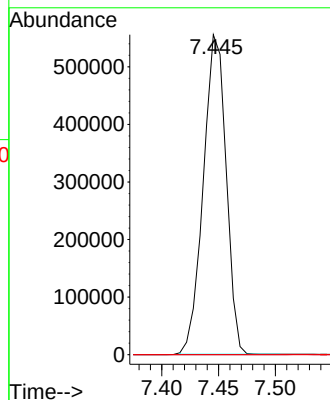
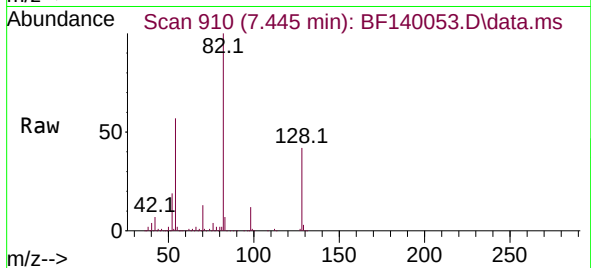




#25
Isophorone
Concen: 39.157 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

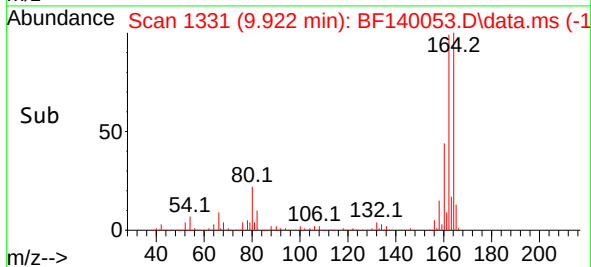
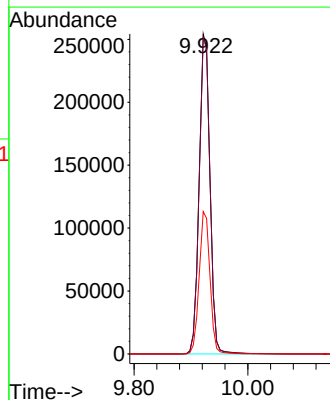
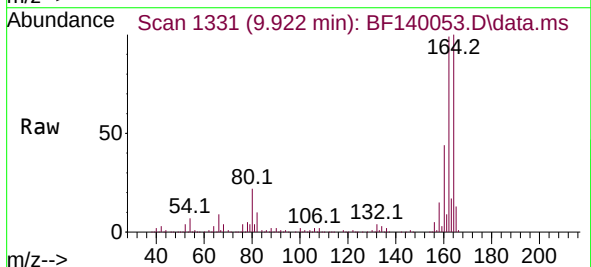
Instrument :
BNA_F
ClientSampleId :
BP-F22

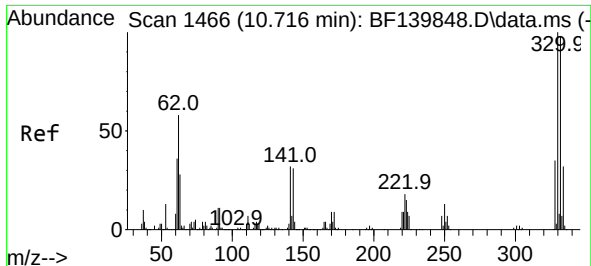
Tgt Ion: 82 Resp: 775539
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion: 164 Resp: 337498
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 44.5 35.4 53.0

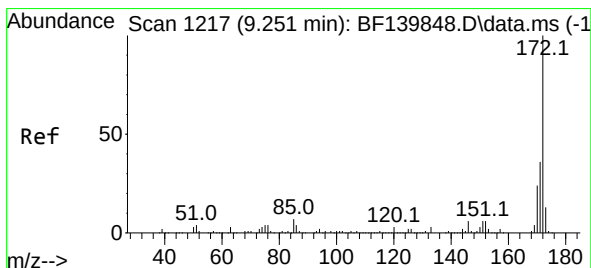
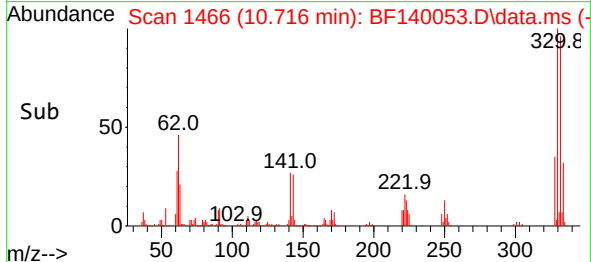
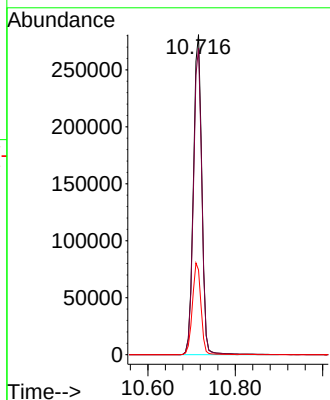
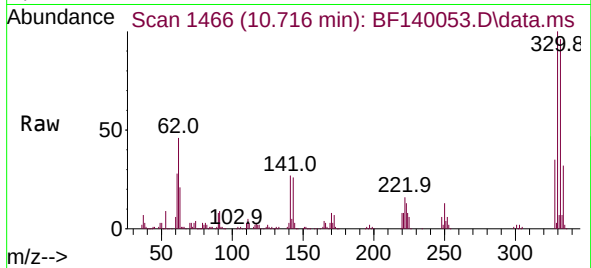




#42
2,4,6-Tribromophenol
Concen: 119.364 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

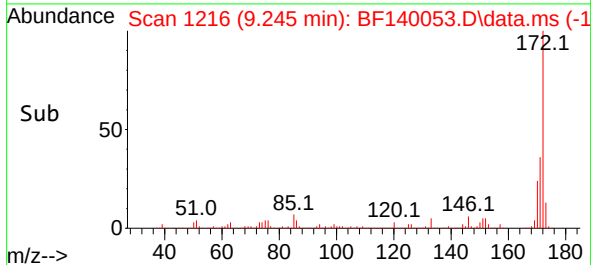
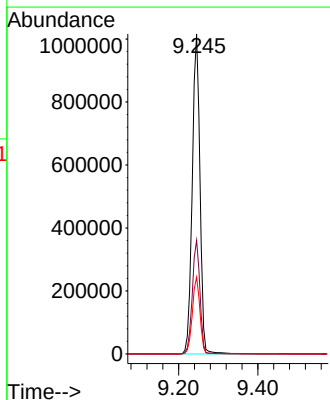
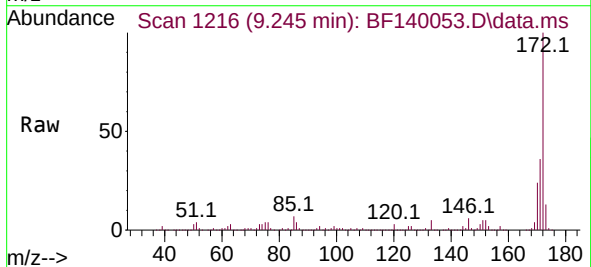
Instrument :
BNA_F
ClientSampleId :
BP-F22

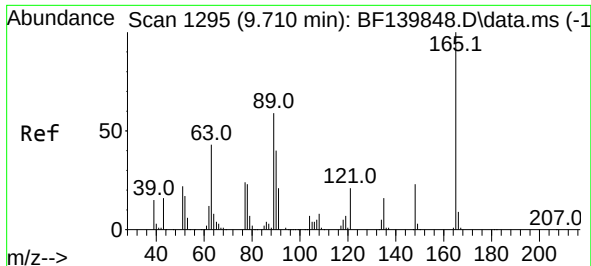
Tgt Ion:330 Resp: 376813
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 29.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 67.367 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:172 Resp: 1375699
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7

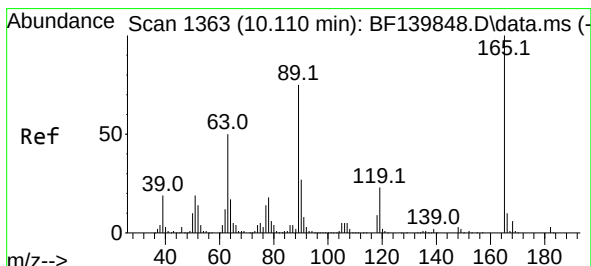
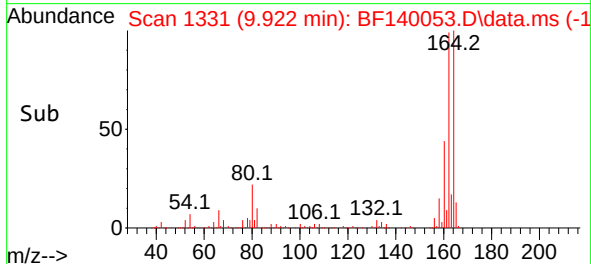
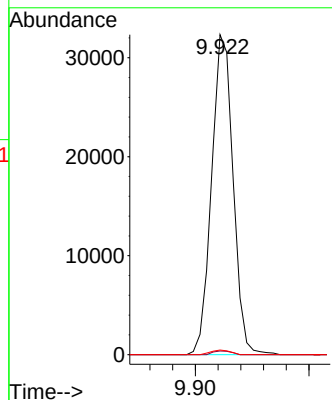
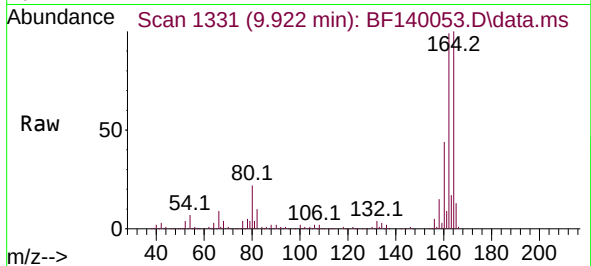




#51
2,6-Dinitrotoluene
Concen: 9.339 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

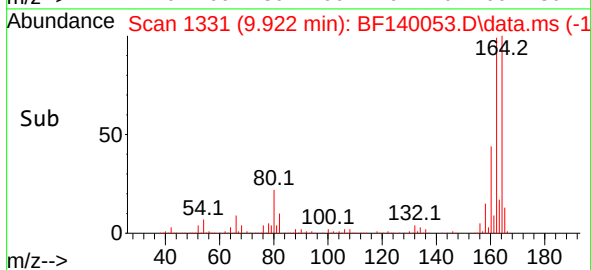
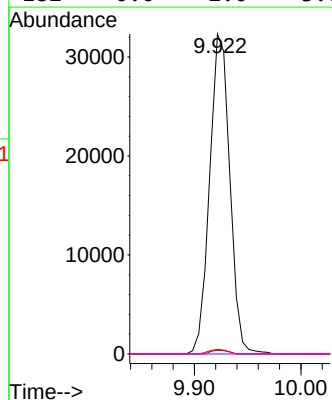
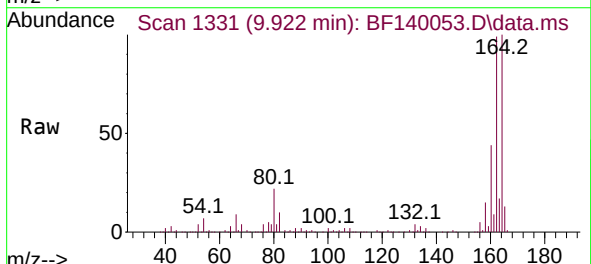
Instrument :
BNA_F
ClientSampleId :
BP-F22

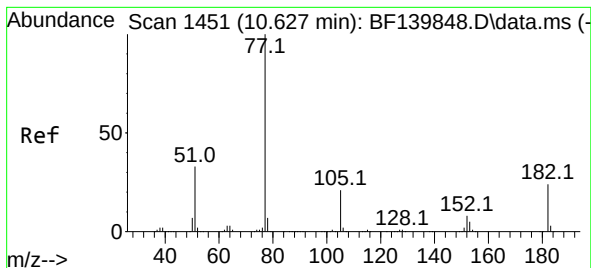
Tgt Ion:165 Resp: 42509
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.595 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:165 Resp: 42510
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 4.300 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140053.D

Acq: 26 Oct 2024 12:06

Instrument :

BNA_F

ClientSampleId :

BP-F22

Tgt Ion: 77 Resp: 94100

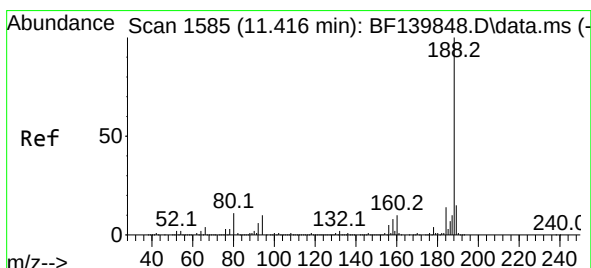
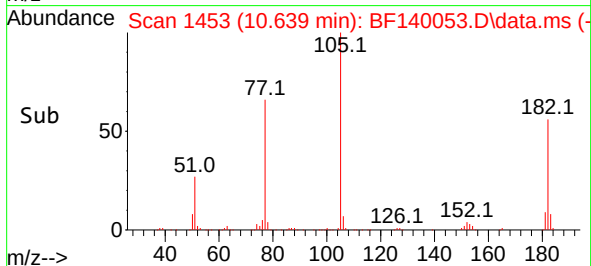
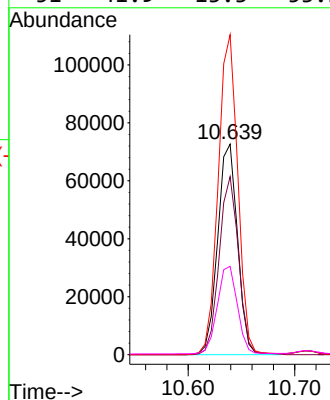
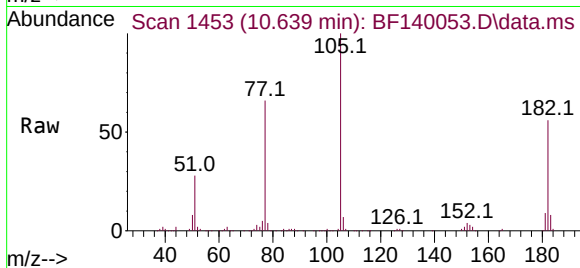
Ion Ratio Lower Upper

77 100

182 84.6 3.3 43.3#

105 152.0 1.2 41.2#

51 41.9 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140053.D

Acq: 26 Oct 2024 12:06

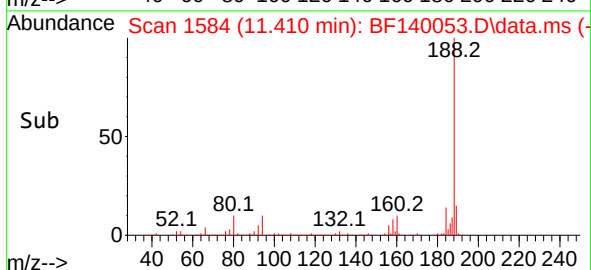
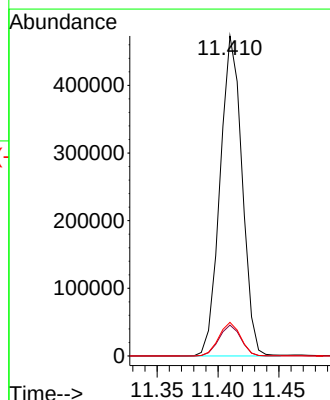
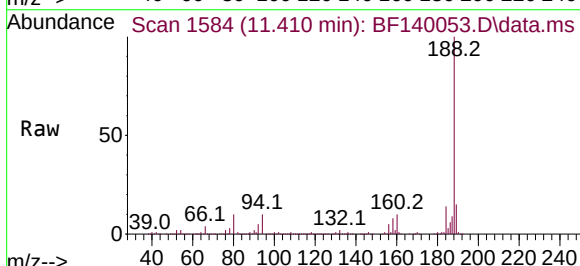
Tgt Ion: 188 Resp: 595929

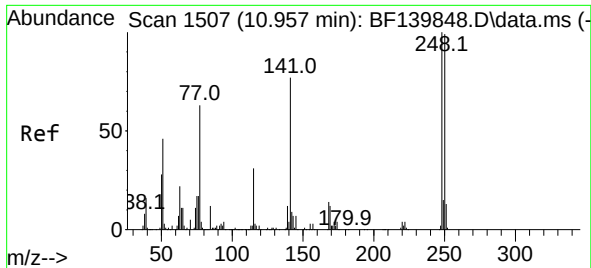
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.5 9.0 13.4

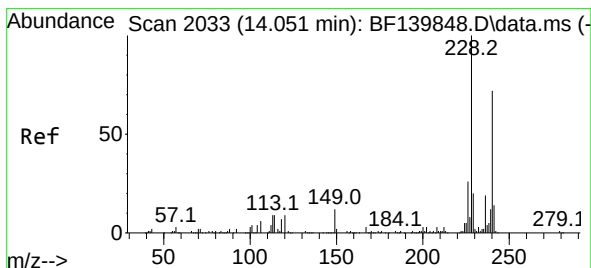
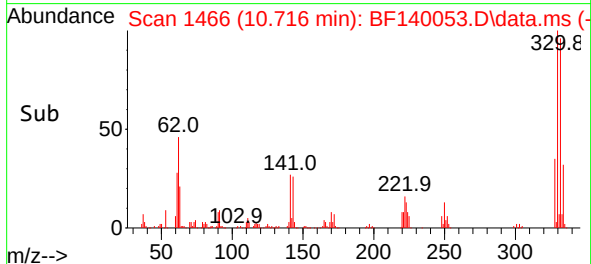
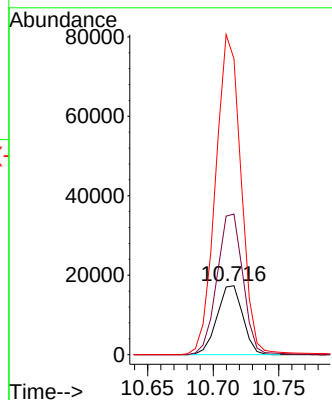
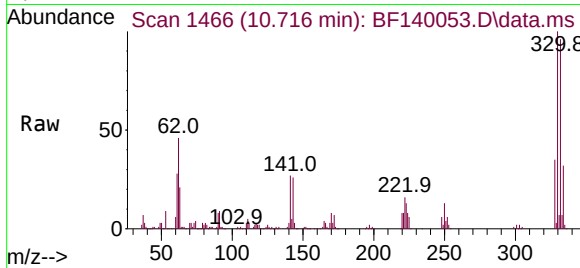




#67
4-Bromophenyl-phenylether
Concen: 3.853 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

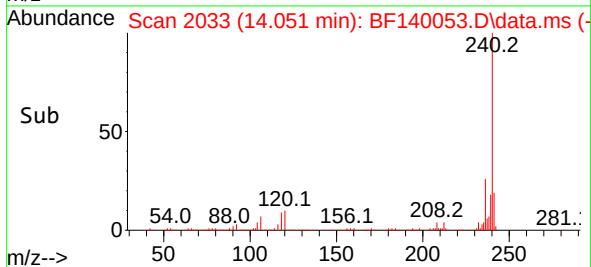
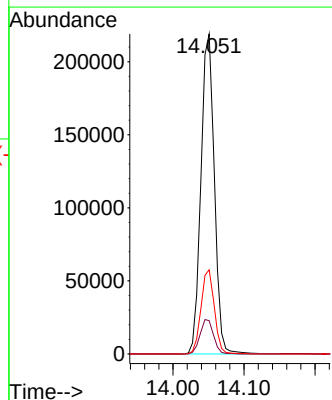
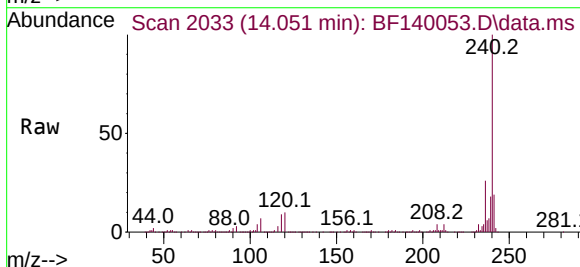
Instrument :
BNA_F
ClientSampleId :
BP-F22

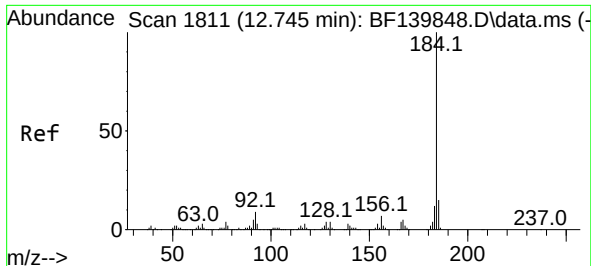
Tgt Ion:248 Resp: 23655
Ion Ratio Lower Upper
248 100
250 204.0 79.0 118.6#
141 429.4 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:240 Resp: 289351
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.3 20.9 31.3

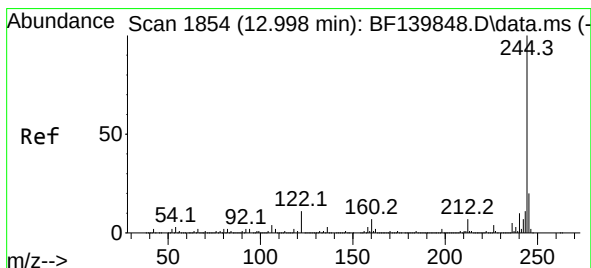
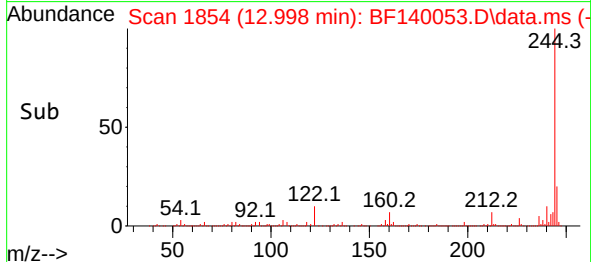
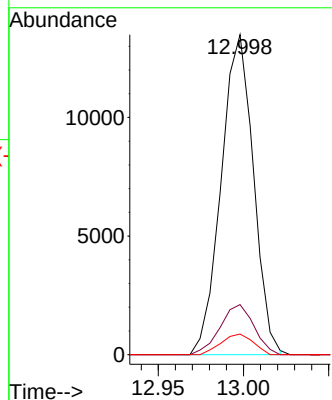
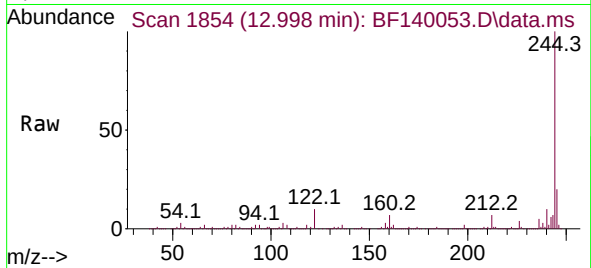




#77
Benzidine
Concen: 3.730 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

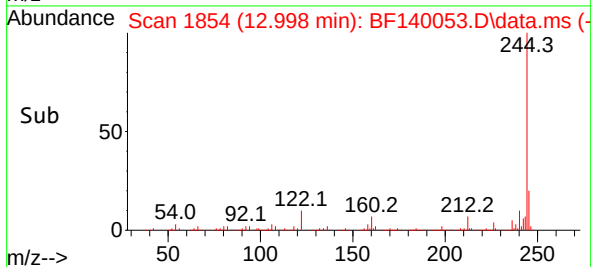
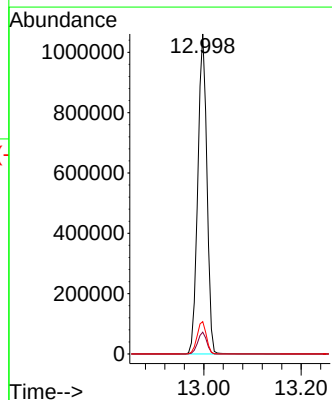
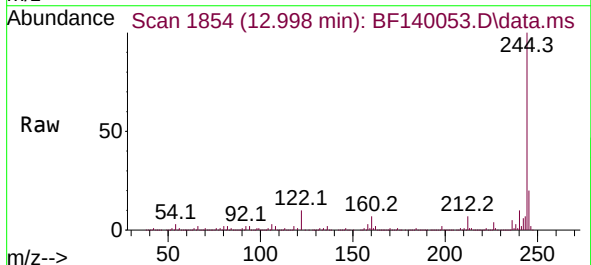
Instrument :
BNA_F
ClientSampleId :
BP-F22

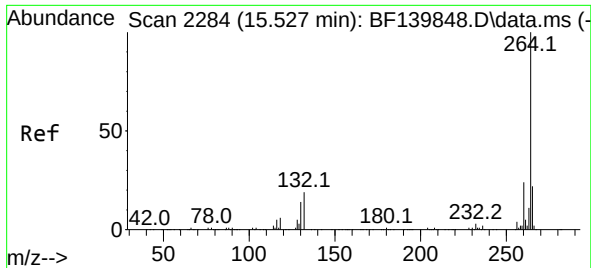
Tgt Ion:184 Resp: 17749
Ion Ratio Lower Upper
184 100
185 15.7 12.0 18.0
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 77.863 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:244 Resp: 1382638
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.1 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140053.D
 Acq: 26 Oct 2024 12:06

Instrument :
 BNA_F
 ClientSampleId :
 BP-F22

Tgt Ion:264 Resp: 299372
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.4 26.0

