

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139938.D
 Acq On : 22 Oct 2024 19:54
 Operator : RC/JU
 Sample : P4385-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Oct 23 01:12:43 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)

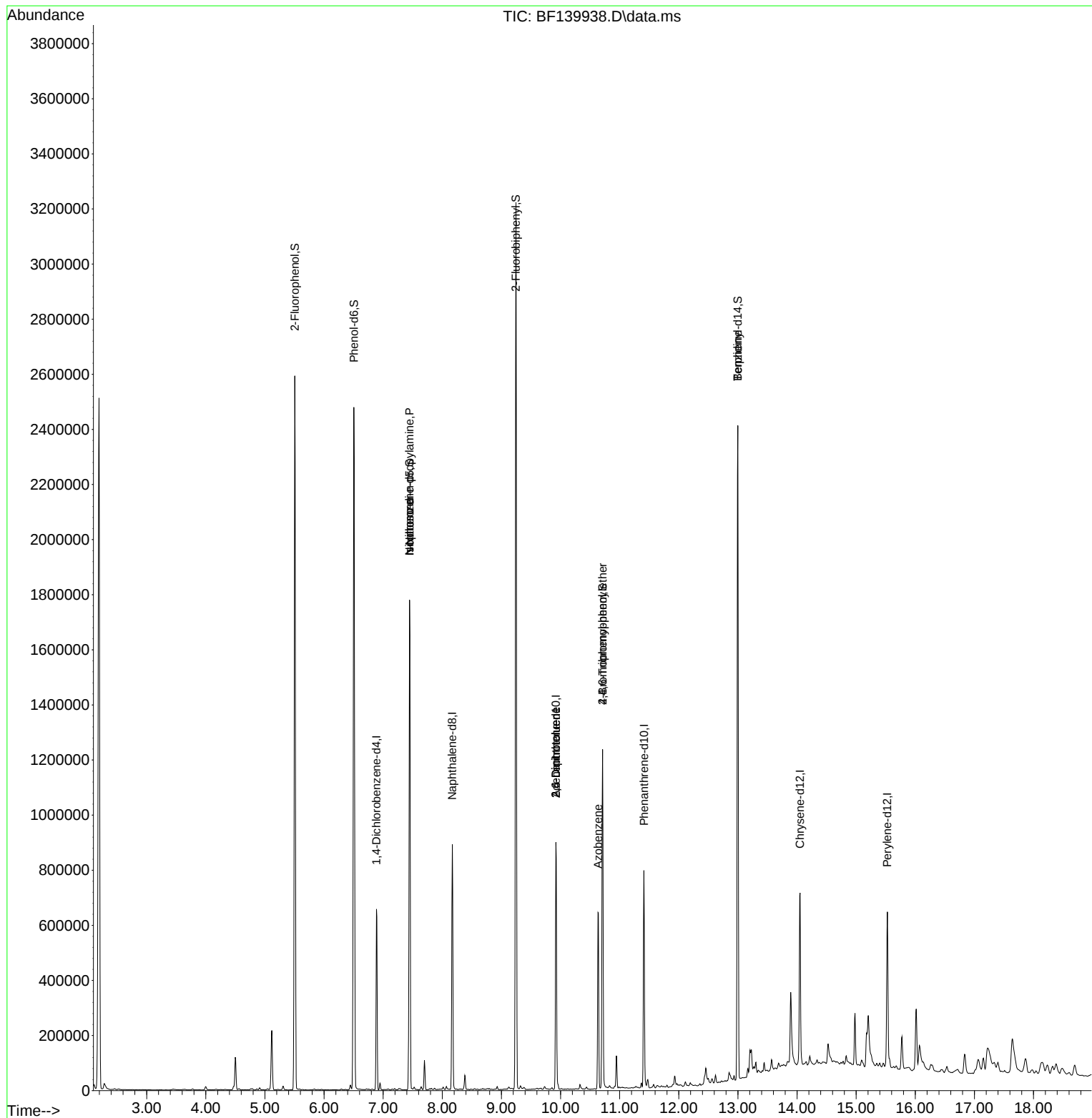
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	133976	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	526107	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	267934	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	399571	20.000	ng	0.00
76) Chrysene-d12	14.051	240	295422	20.000	ng	0.00
86) Perylene-d12	15.527	264	332333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	960943	112.285	ng	0.00
7) Phenol-d6	6.504	99	1215916	109.699	ng	0.00
23) Nitrobenzene-d5	7.445	82	789539	83.175	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204962	81.783	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1392694	85.906	ng	0.00
79) Terphenyl-d14	12.998	244	1194136	65.866	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	105104	15.635	ng	# 78
25) Isophorone	7.445	82	787232	43.695	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33670	9.318	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	33670	7.577	ng	# 21
63) Azobenzene	10.633	77	166524	9.586	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	13486	3.276	ng	# 1
77) Benzidine	12.998	184	14507	2.986	ng	# 93

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

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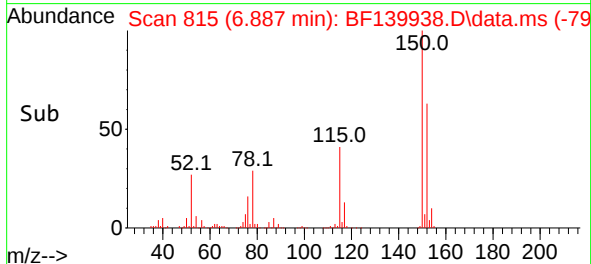
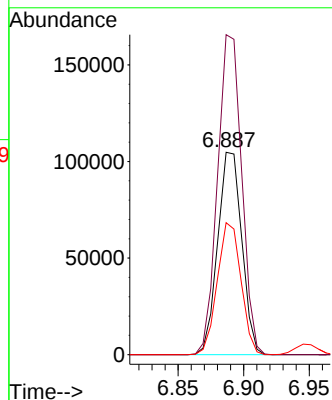
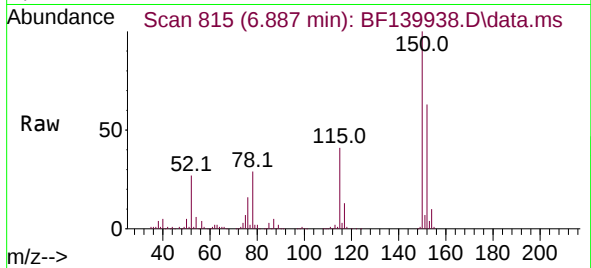




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

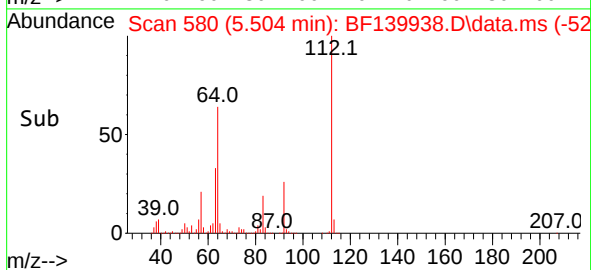
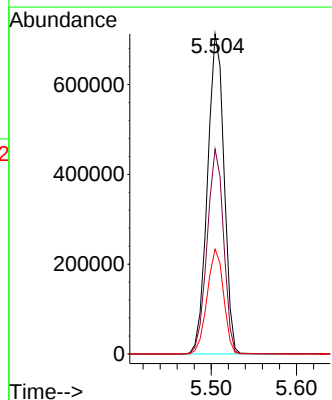
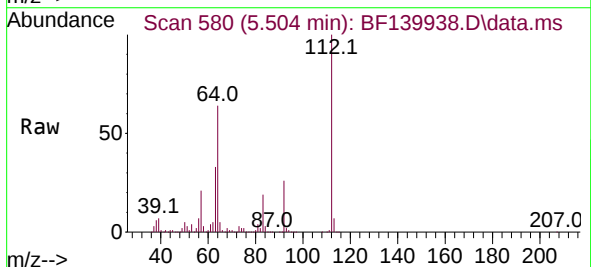
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:152 Resp: 133976
Ion Ratio Lower Upper
152 100
150 158.0 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 112.285 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:112 Resp: 960943
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 32.8 27.0 40.4





#7
Phenol-d6
Concen: 109.699 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

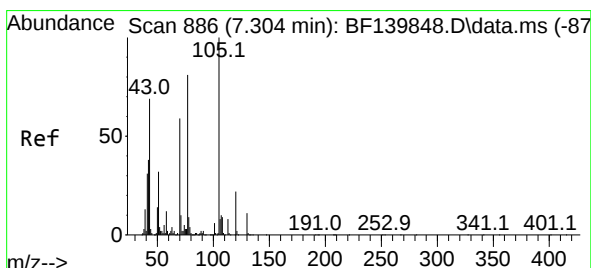
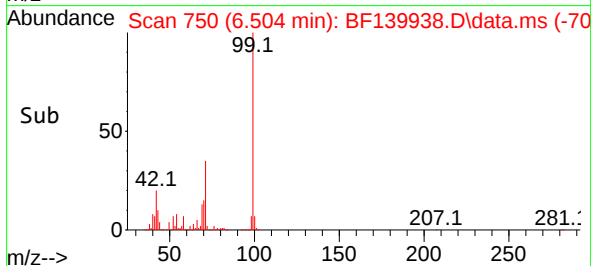
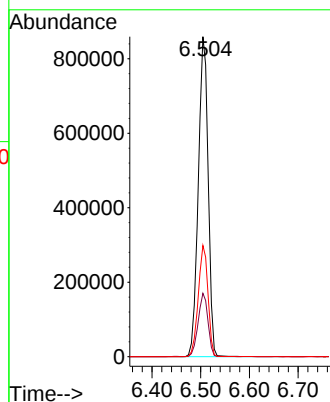
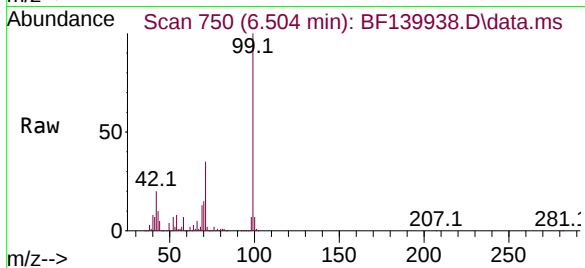
Instrument :

BNA_F

ClientSampleId :

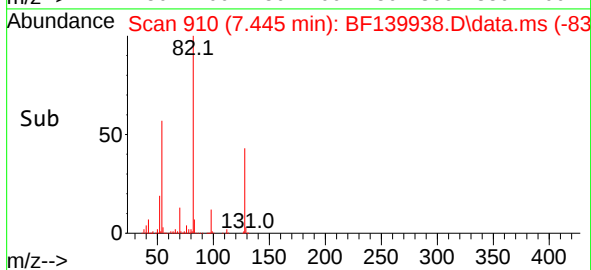
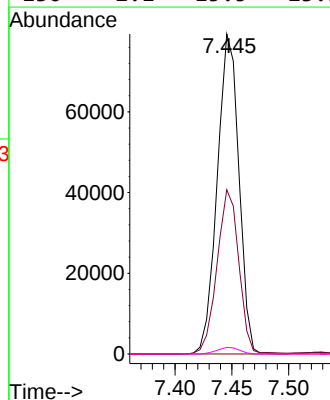
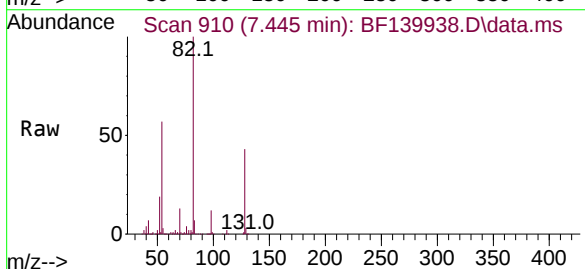
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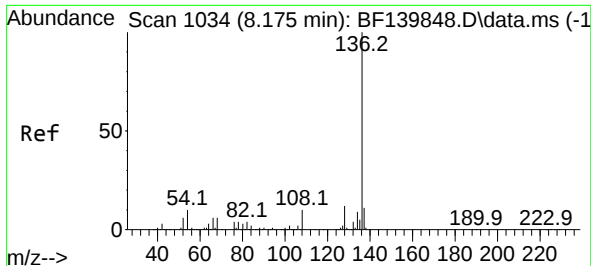
Tgt Ion: 99 Resp: 1215916
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 34.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.635 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion: 70 Resp: 105104
Ion Ratio Lower Upper
70 100
42 51.3 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

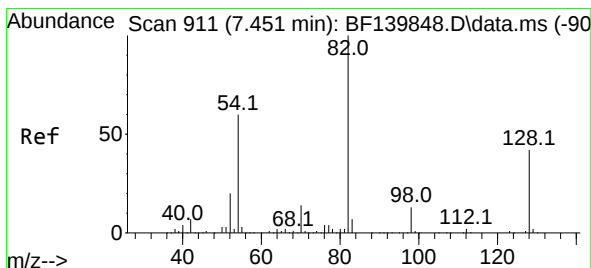
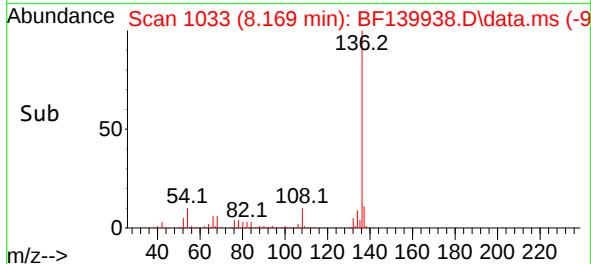
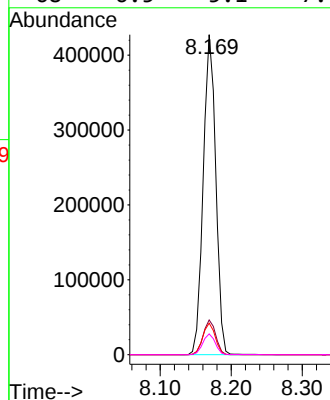
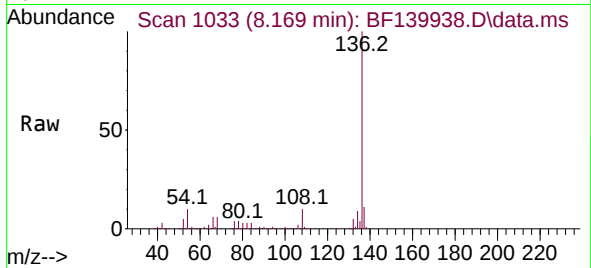




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

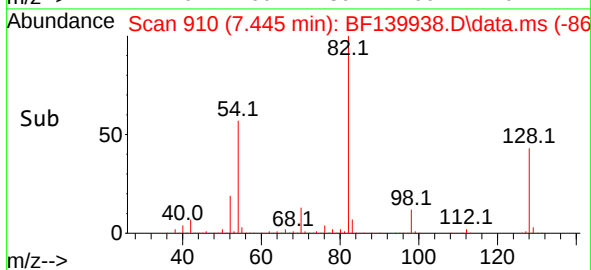
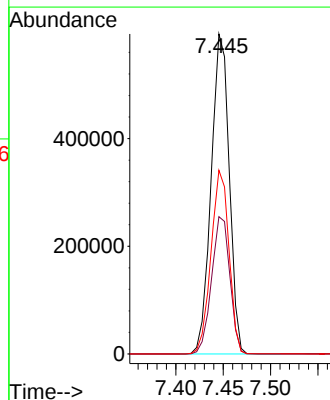
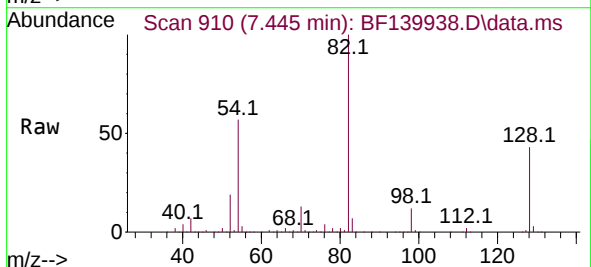
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:	136	Resp:	526107
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 83.175 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:	82	Resp:	789539
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	57.4	47.8	71.8

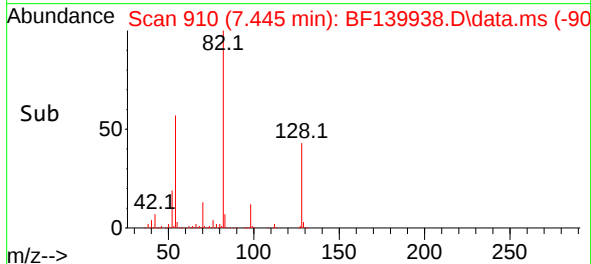
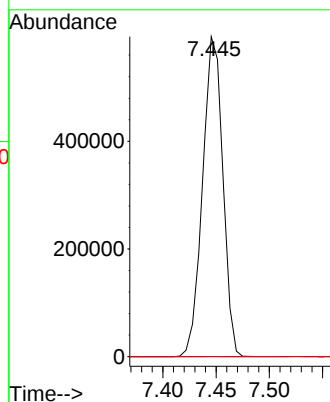
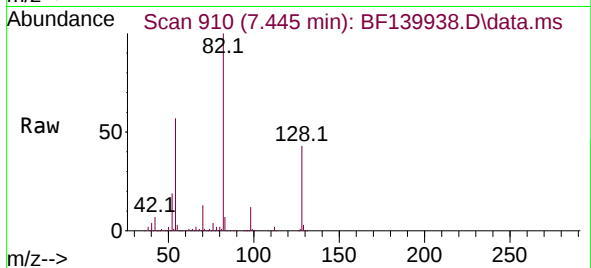




#25
Isophorone
Concen: 43.695 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

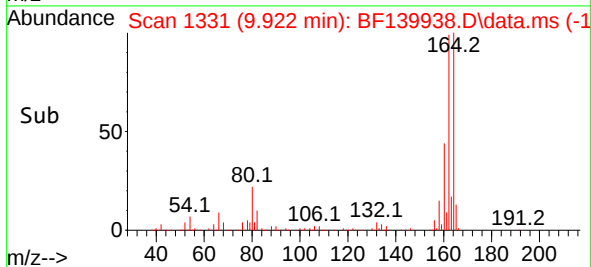
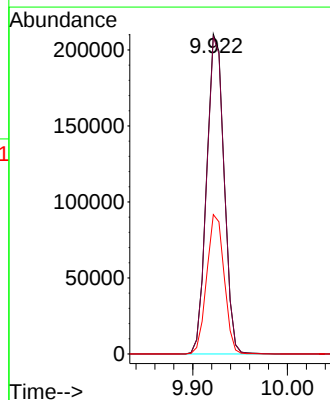
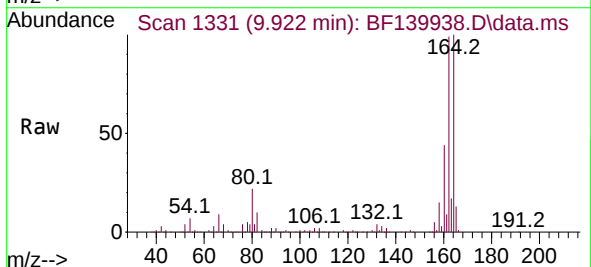
Instrument :
BNA_F
ClientSampleId :
SP-3

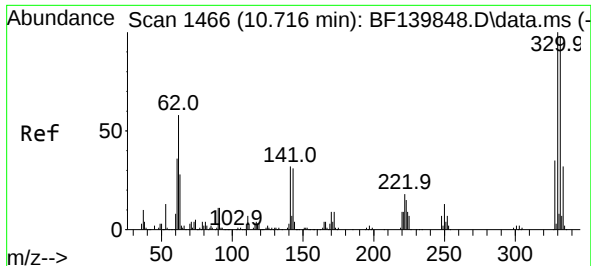
Tgt Ion: 82 Resp: 787232
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion: 164 Resp: 267934
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 43.6 35.4 53.0

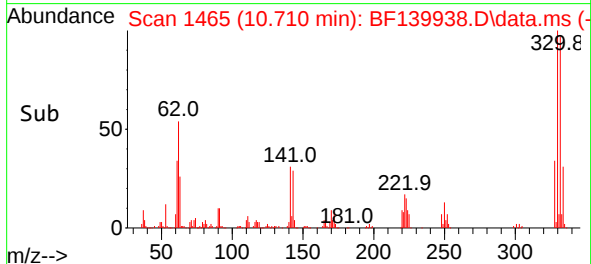
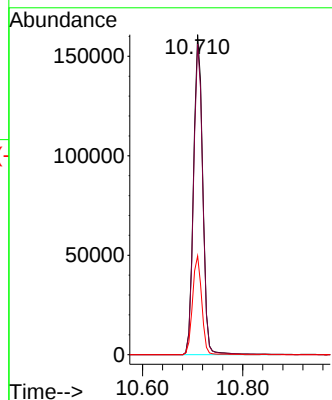
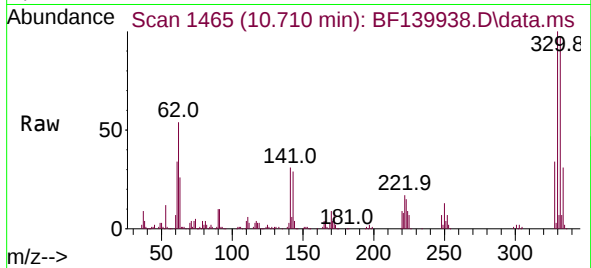




#42
2,4,6-Tribromophenol
Concen: 81.783 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

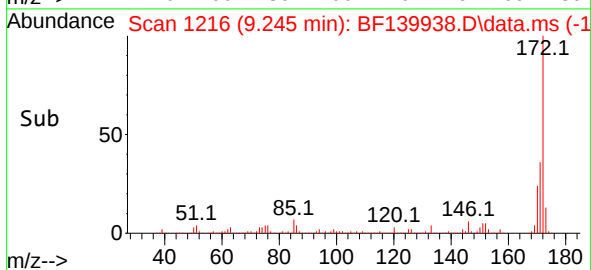
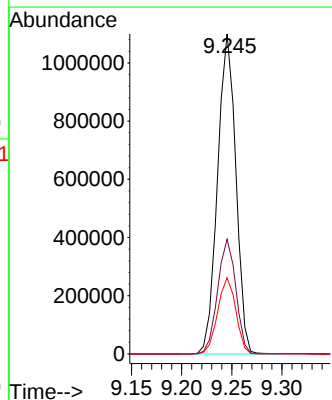
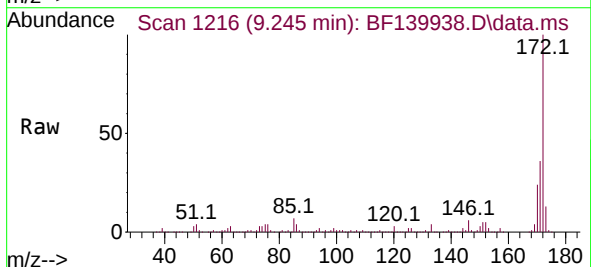
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:330 Resp: 204962
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 30.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 85.906 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:172 Resp: 1392694
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.1 28.7

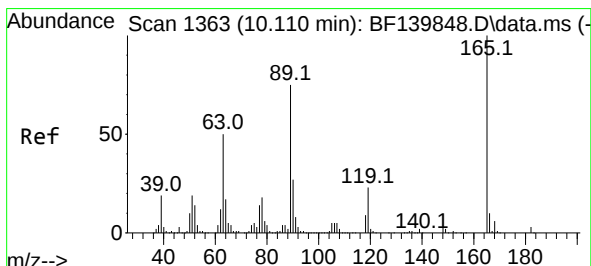
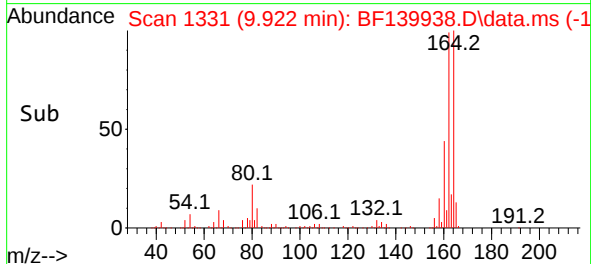
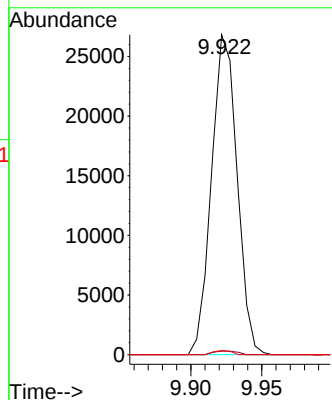
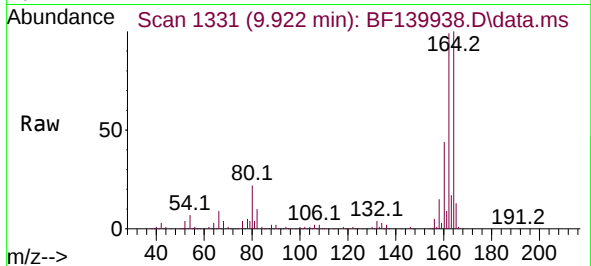




#51
2,6-Dinitrotoluene
Concen: 9.318 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

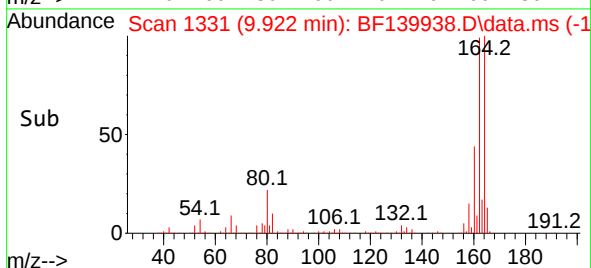
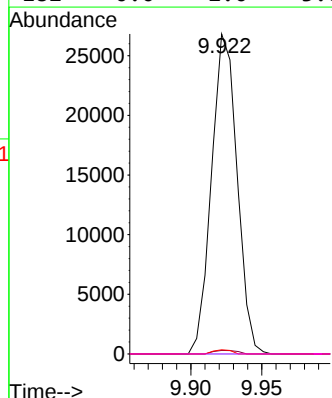
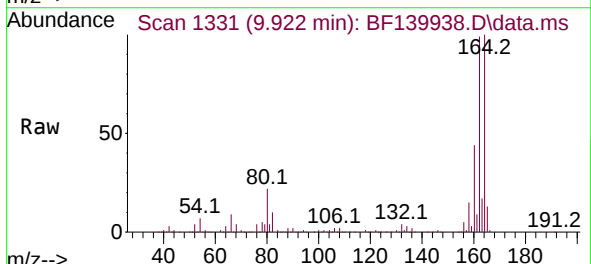
Instrument :
BNA_F
ClientSampleId :
SP-3

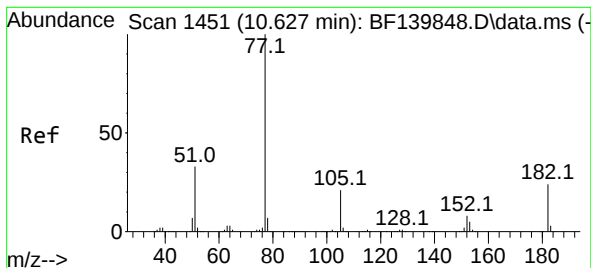
Tgt Ion:165 Resp: 33670
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.577 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:165 Resp: 33670
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 9.586 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139938.D

Acq: 22 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-3

Tgt Ion: 77 Resp: 166524

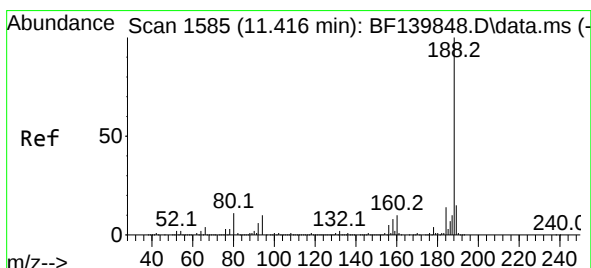
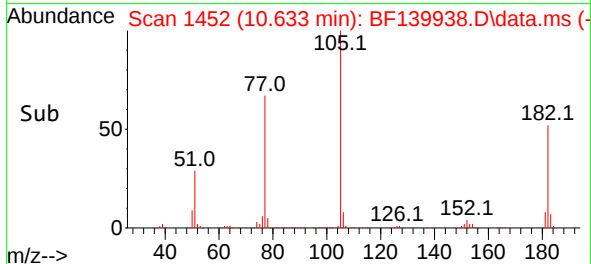
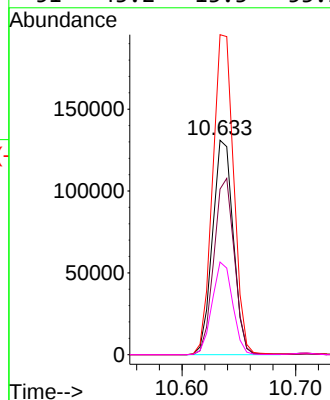
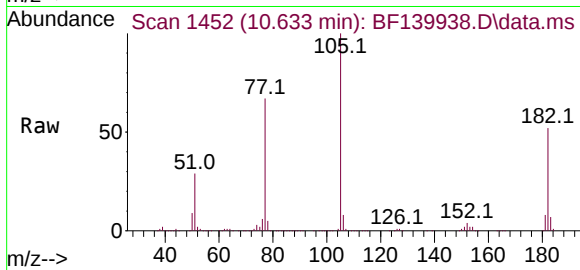
Ion Ratio Lower Upper

77 100

182 77.2 3.3 43.3#

105 149.2 1.2 41.2#

51 43.2 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: BF139938.D

Acq: 22 Oct 2024 19:54

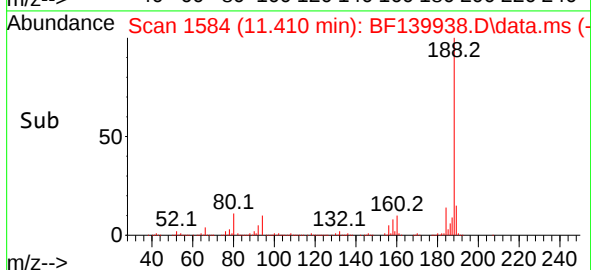
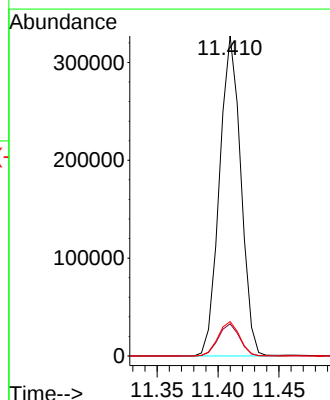
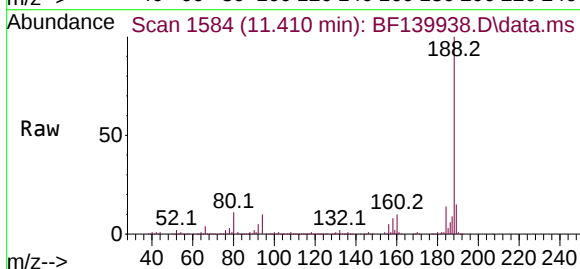
Tgt Ion:188 Resp: 399571

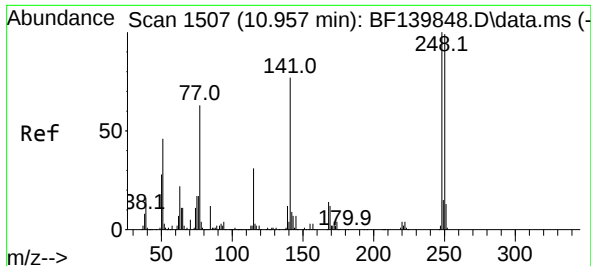
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.8 9.0 13.4

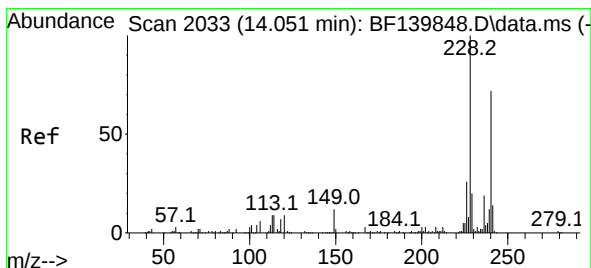
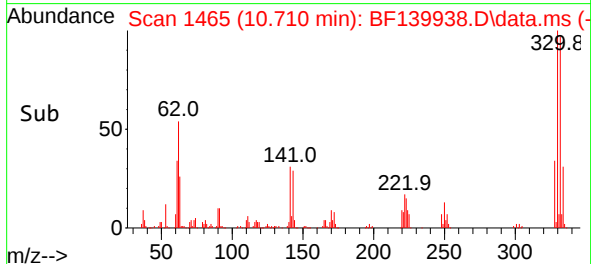
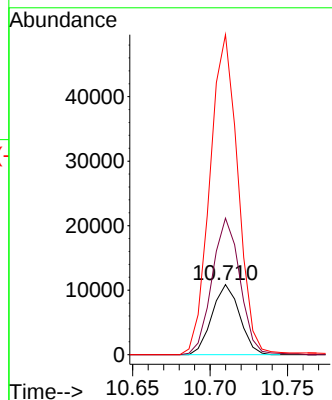
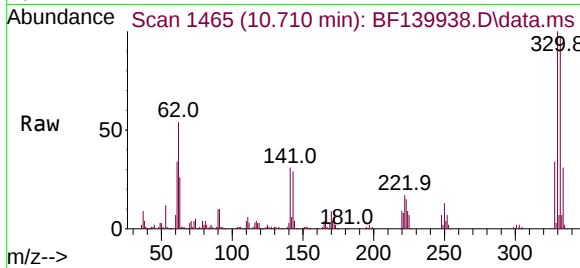




#67
4-Bromophenyl-phenylether
Concen: 3.276 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

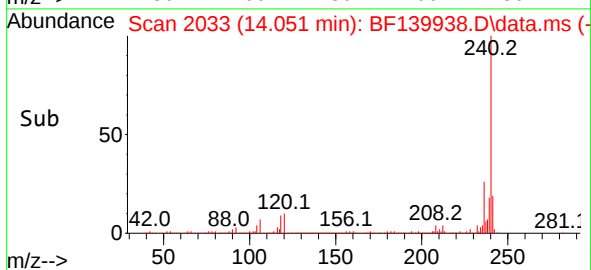
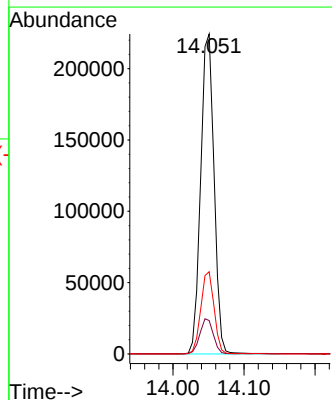
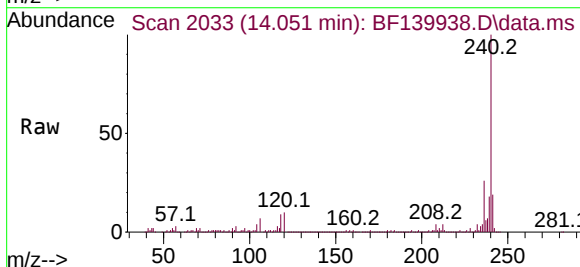
Instrument :
BNA_F
ClientSampleId :
SP-3

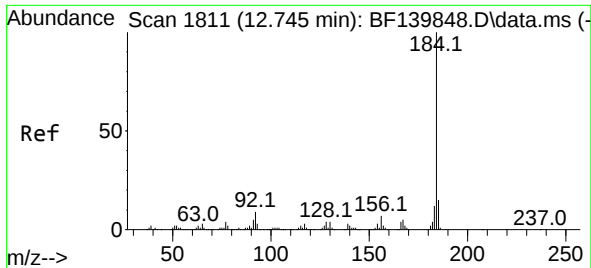
Tgt Ion:248 Resp: 13486
Ion Ratio Lower Upper
248 100
250 194.9 79.0 118.6#
141 456.8 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:240 Resp: 295422
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 25.7 20.9 31.3

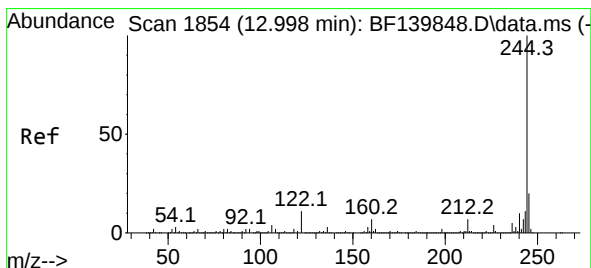
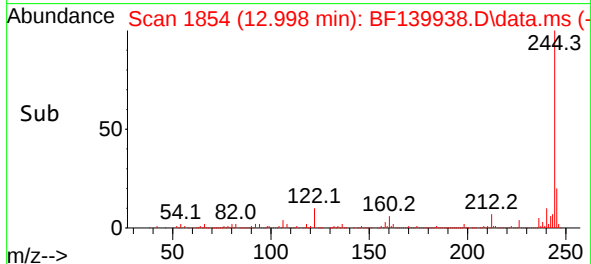
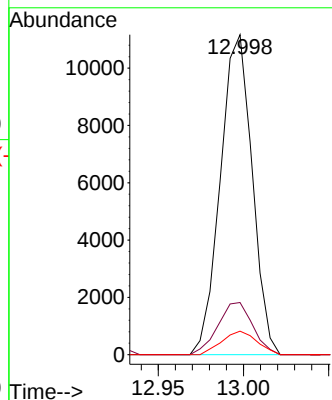
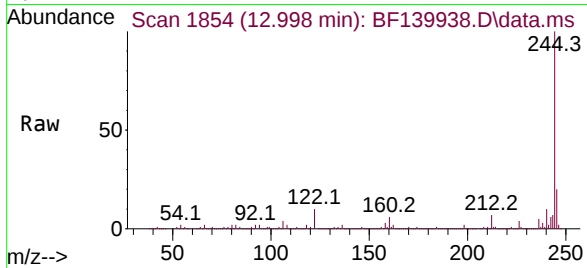




#77
Benzidine
Concen: 2.986 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

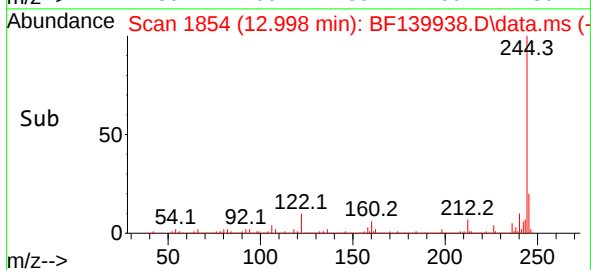
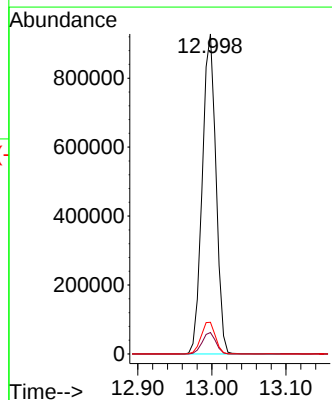
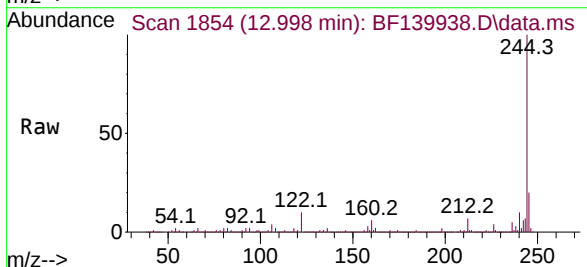
Instrument :
BNA_F
ClientSampleId :
SP-3

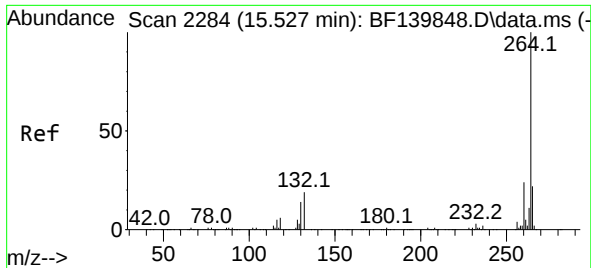
Tgt Ion:184 Resp: 14507
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 7.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 65.866 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:244 Resp: 1194136
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.9 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: BF139938.D
 Acq: 22 Oct 2024 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:264 Resp: 332333
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.4 26.0

