

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140325.D
 Acq On : 11 Nov 2024 18:52
 Operator : RC/JU
 Sample : P4771-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Quant Time: Nov 12 00:45:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

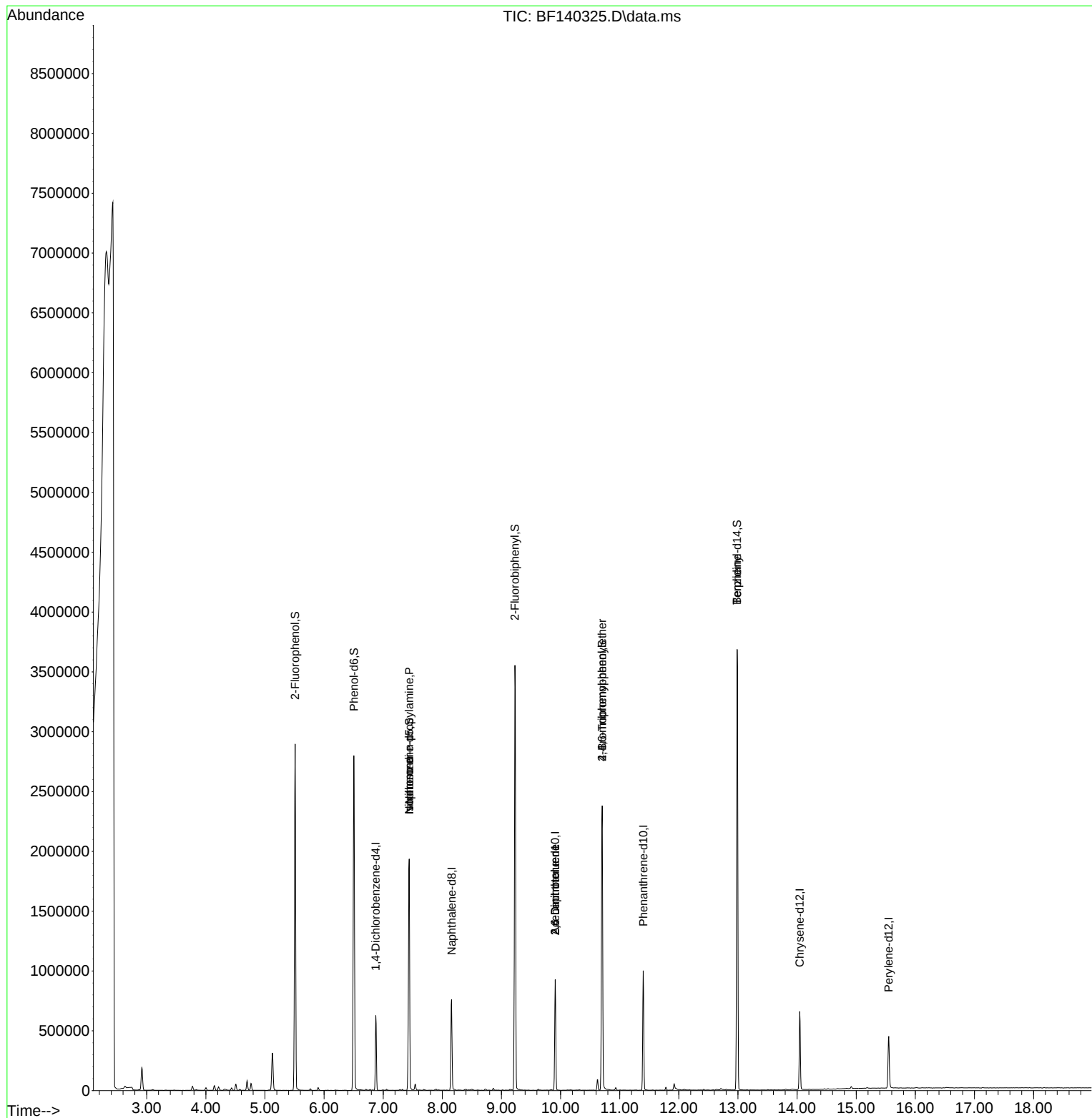
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130303	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	495248	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	276804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	522440	20.000	ng	0.00
76) Chrysene-d12	14.045	240	313187	20.000	ng	-0.01
86) Perylene-d12	15.551	264	257796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1100726	145.944	ng	0.02
7) Phenol-d6	6.504	99	1411352	140.827	ng	0.00
23) Nitrobenzene-d5	7.439	82	939439	98.475	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	420017	156.187	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1625033	92.686	ng	0.00
79) Terphenyl-d14	12.986	244	1906769	104.397	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	128593	21.069	ng	# 78
25) Isophorone	7.439	82	932019	56.087	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	35094	8.676	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	35094	6.589	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	27001	5.158	ng	# 1
77) Benzidine	12.986	184	26417	2.407	ng	# 94

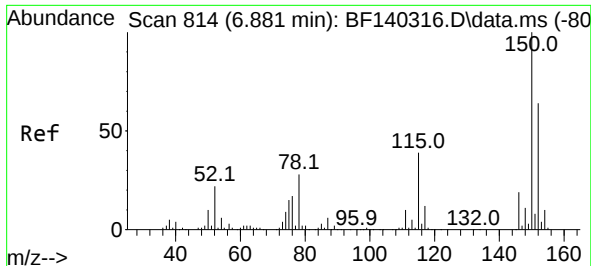
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
Data File : BF140325.D
Acq On : 11 Nov 2024 18:52
Operator : RC/JU
Sample : P4771-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-2

Quant Time: Nov 12 00:45:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 00:05:37 2024
Response via : Initial Calibration

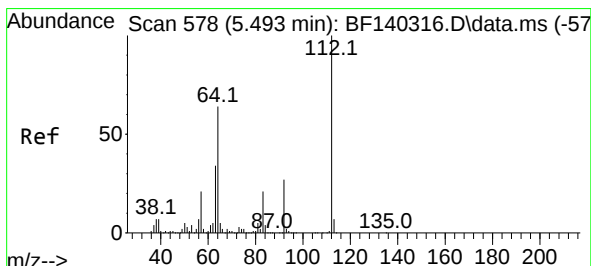
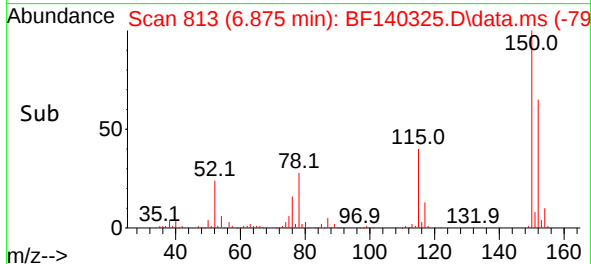
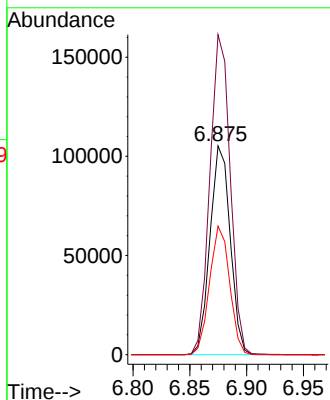
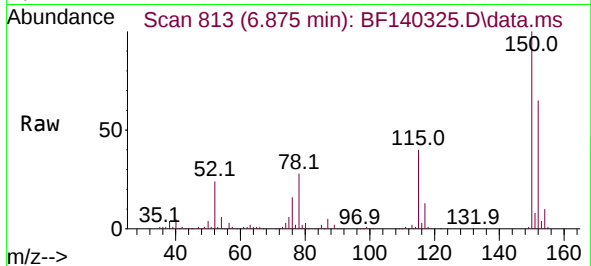




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

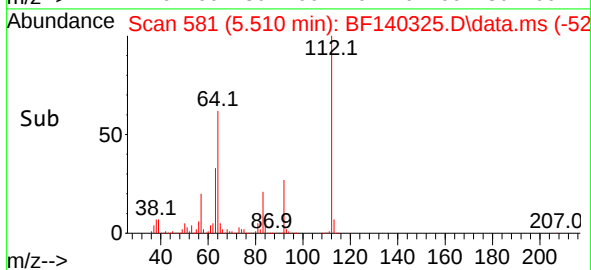
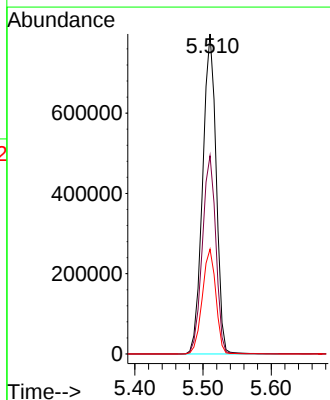
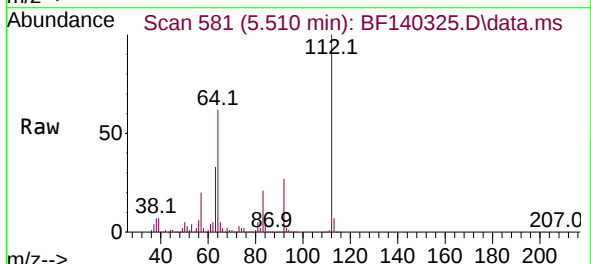
Instrument :
BNA_F
ClientSampleId :
P-2

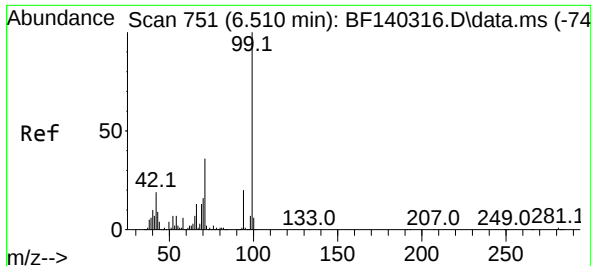
Tgt Ion:152 Resp: 130303
Ion Ratio Lower Upper
152 100
150 153.3 127.1 190.7
115 61.5 49.4 74.0



#5
2-Fluorophenol
Concen: 145.944 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:112 Resp: 1100726
Ion Ratio Lower Upper
112 100
64 62.0 51.0 76.6
63 32.7 26.9 40.3





#7

Phenol-d6

Concen: 140.827 ng

RT: 6.504 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

Instrument :

BNA_F

ClientSampleId :

P-2

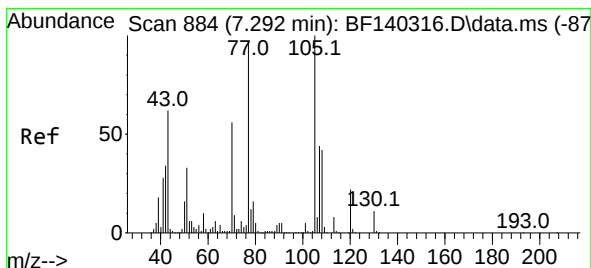
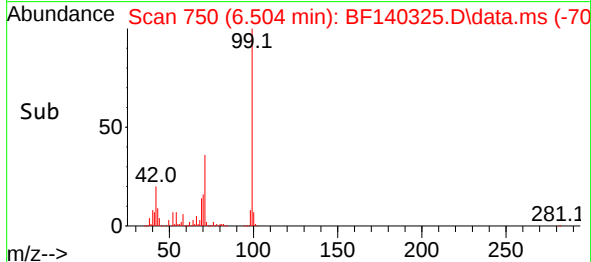
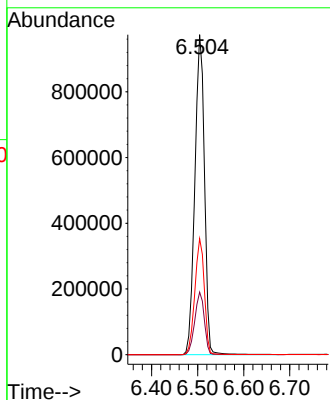
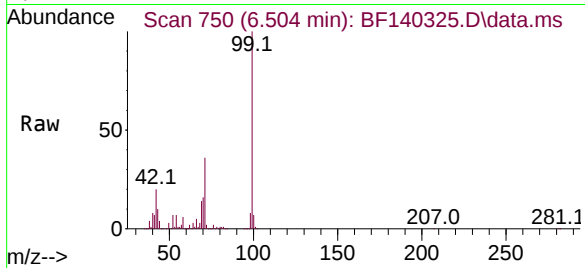
Tgt Ion: 99 Resp: 1411352

Ion Ratio Lower Upper

99 100

42 19.6 15.5 23.3

71 36.2 28.8 43.2



#19

n-Nitroso-di-n-propylamine

Concen: 21.069 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

Tgt Ion: 70 Resp: 128593

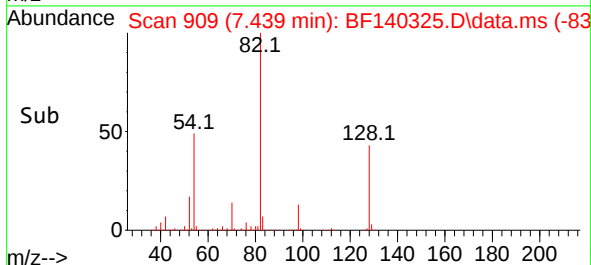
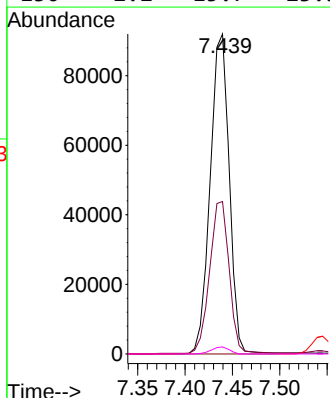
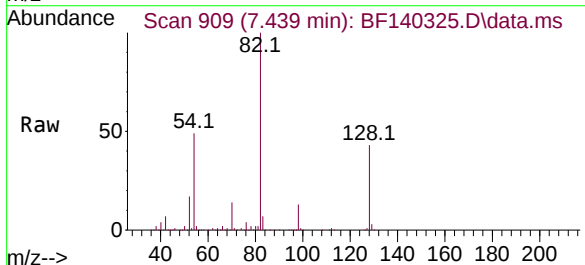
Ion Ratio Lower Upper

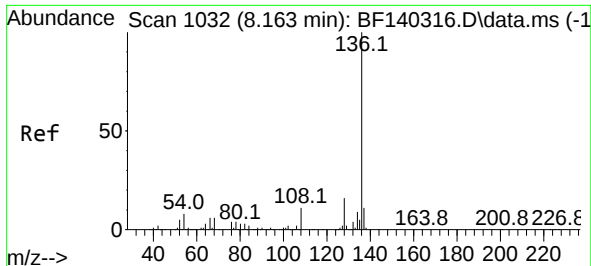
70 100

42 47.7 48.0 72.0#

101 0.0 7.4 11.0#

130 2.2 15.7 23.5#

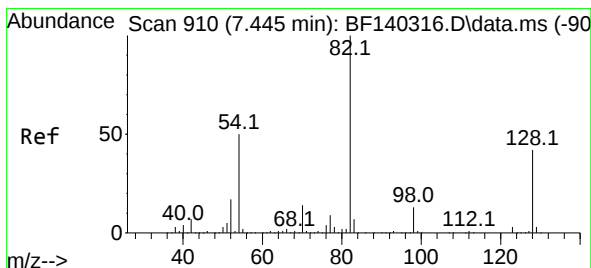
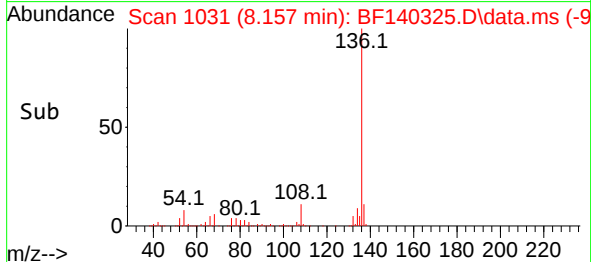
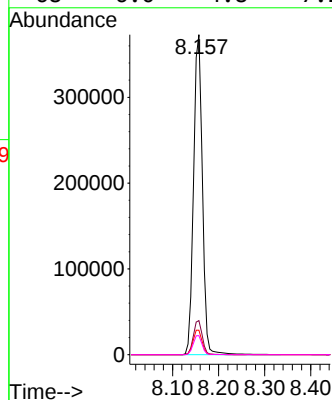
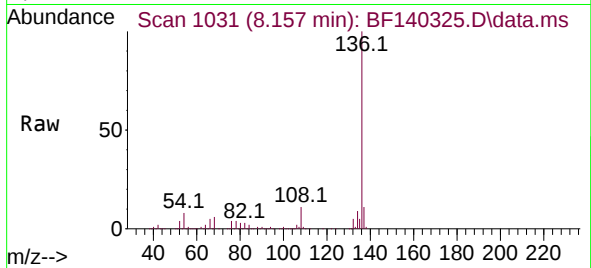




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

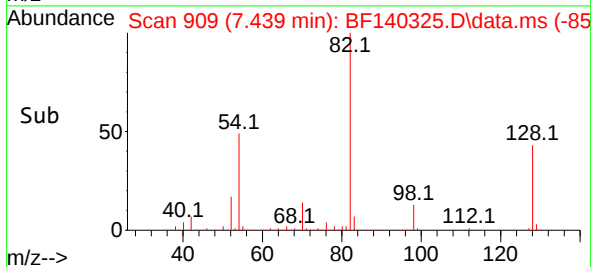
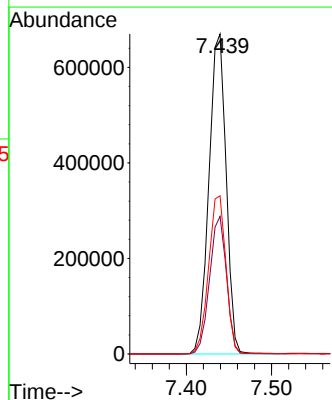
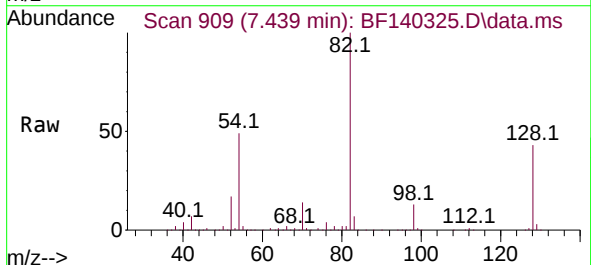
Instrument :
BNA_F
ClientSampleId :
P-2

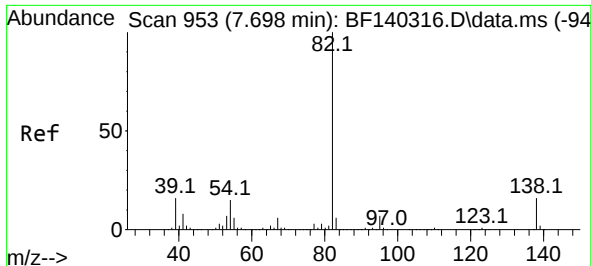
Tgt Ion:136 Resp: 495248
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.6 6.2 9.2
68 6.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 98.475 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion: 82 Resp: 939439
Ion Ratio Lower Upper
82 100
128 43.0 33.8 50.6
54 49.4 40.0 60.0

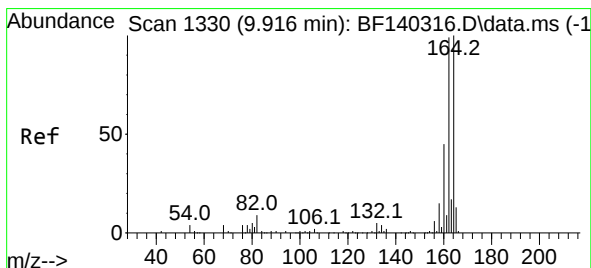
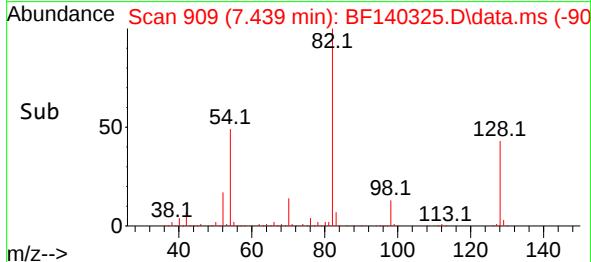
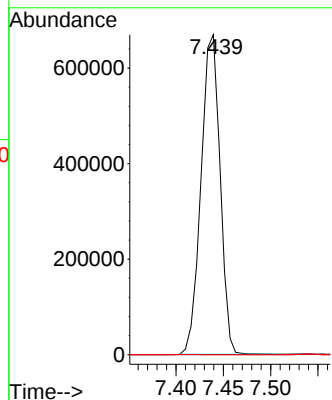
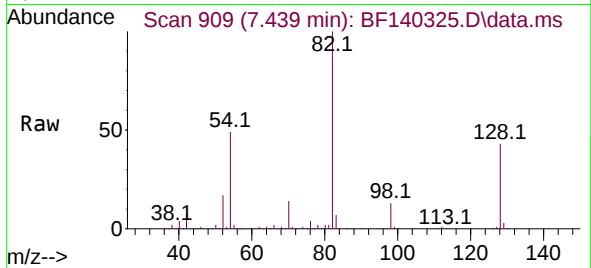




#25
Isophorone
Concen: 56.087 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

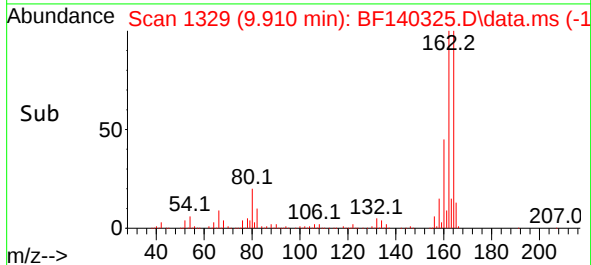
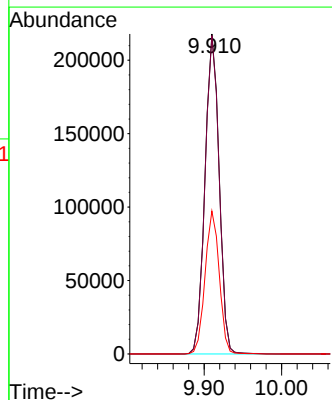
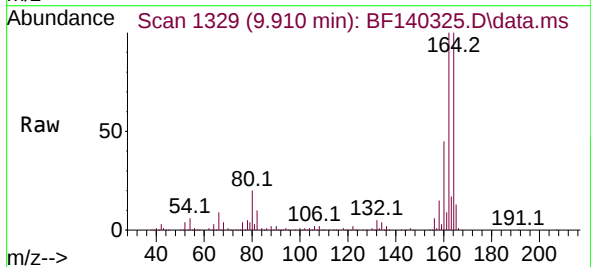
Instrument :
BNA_F
ClientSampleId :
P-2

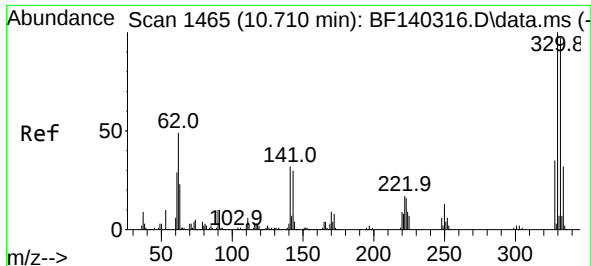
Tgt Ion: 82 Resp: 932019
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:164 Resp: 276804
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 156.187 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

Instrument :

BNA_F

ClientSampleId :

P-2

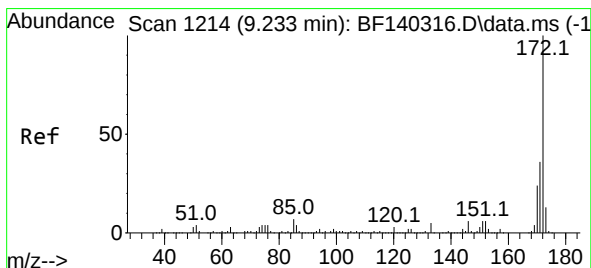
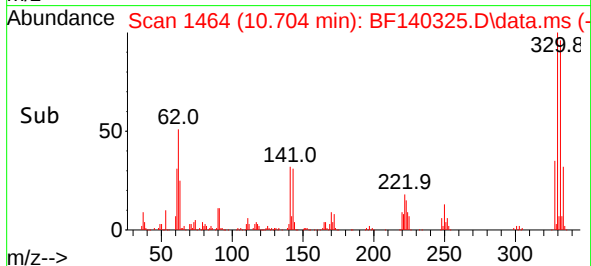
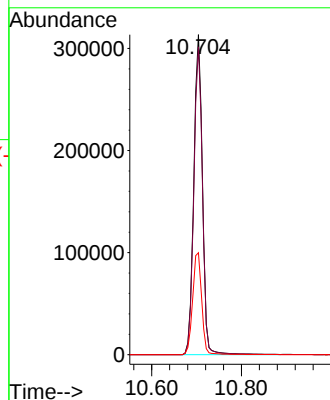
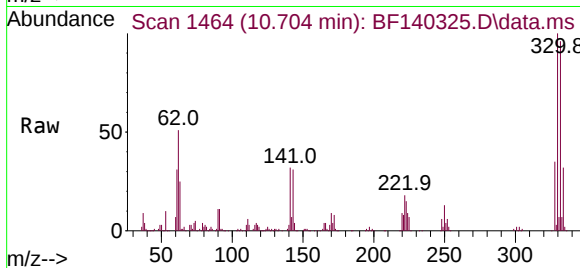
Tgt Ion:330 Resp: 420017

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 33.4 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 92.686 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

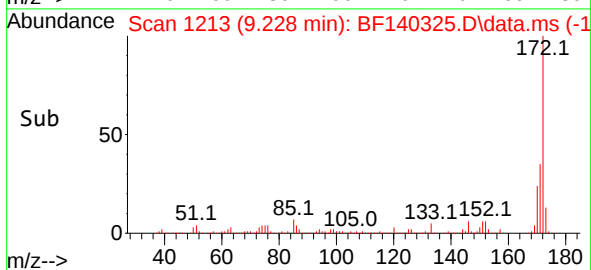
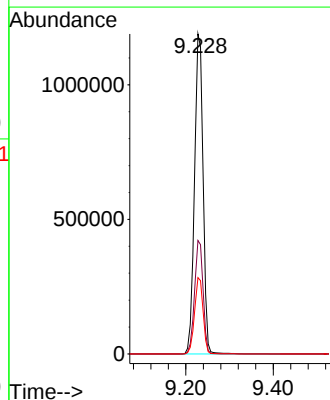
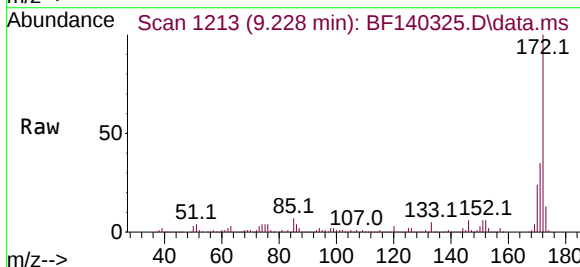
Tgt Ion:172 Resp: 1625033

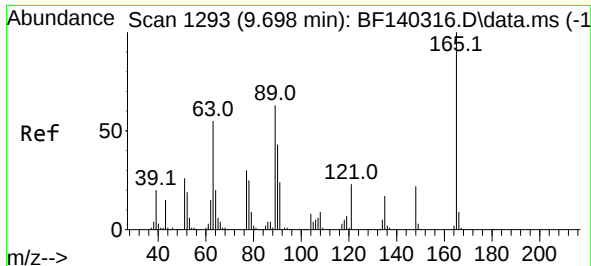
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.9 19.3 28.9

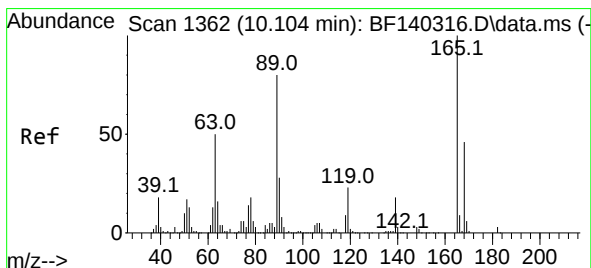
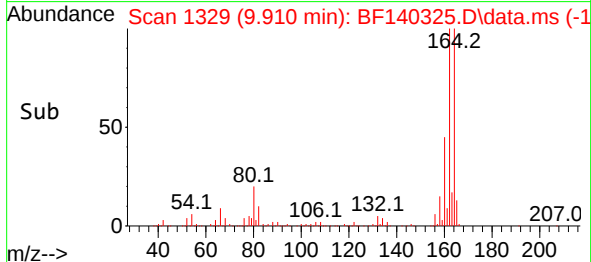
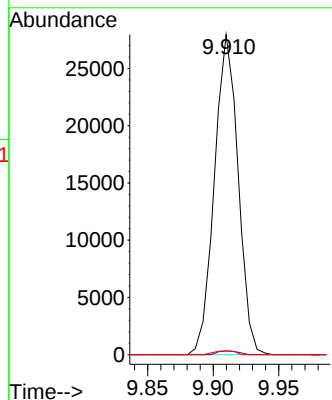
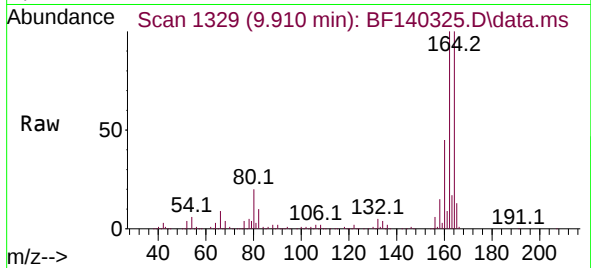




#51
2,6-Dinitrotoluene
Concen: 8.676 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

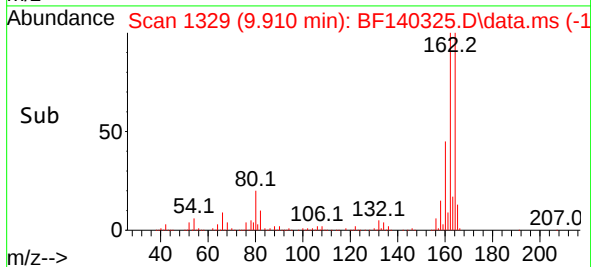
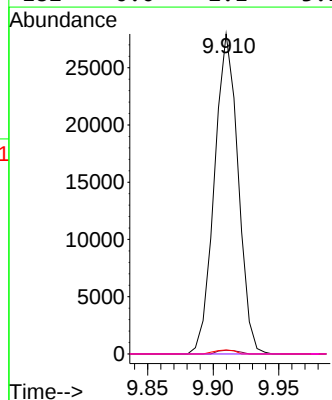
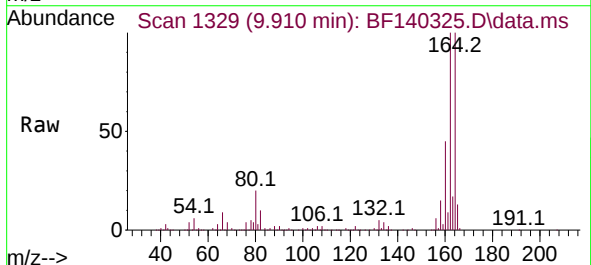
Instrument :
BNA_F
ClientSampleId :
P-2

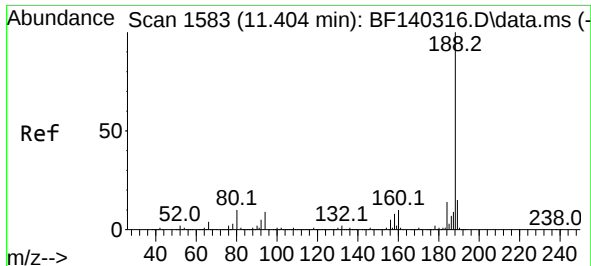
Tgt Ion:165 Resp: 35094
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.3 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 6.589 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:165 Resp: 35094
Ion Ratio Lower Upper
165 100
63 1.2 40.6 60.8#
89 1.3 63.8 95.8#
182 0.0 2.1 3.1#

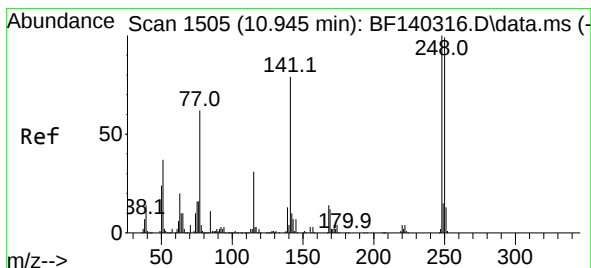
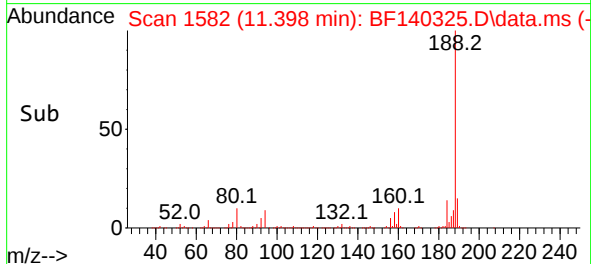
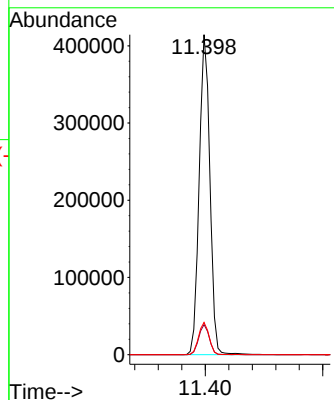
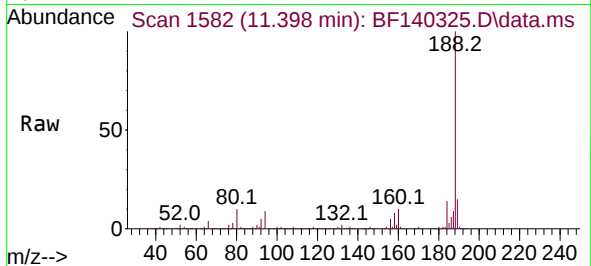




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

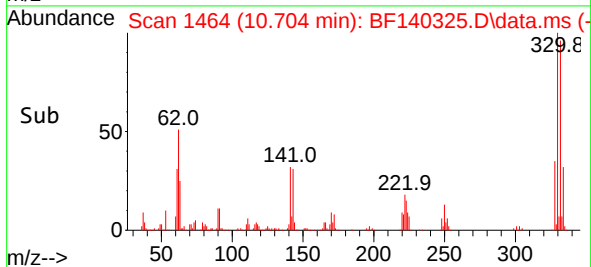
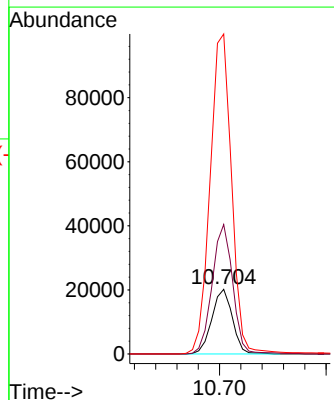
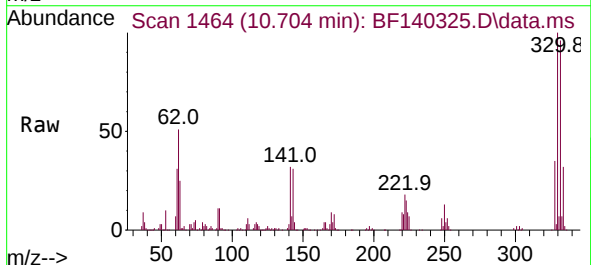
Instrument :
BNA_F
ClientSampleId :
P-2

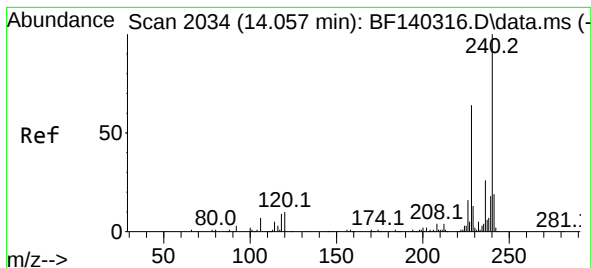
Tgt Ion:188 Resp: 522440
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.158 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:248 Resp: 27001
Ion Ratio Lower Upper
248 100
250 200.3 79.1 118.7#
141 495.0 63.5 95.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

Instrument :

BNA_F

ClientSampleId :

P-2

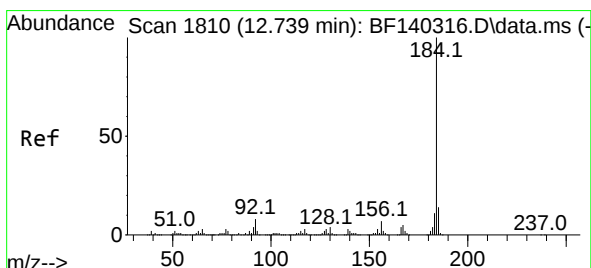
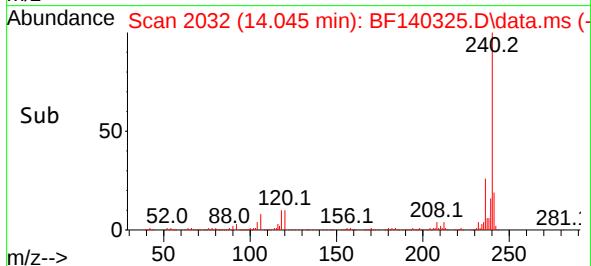
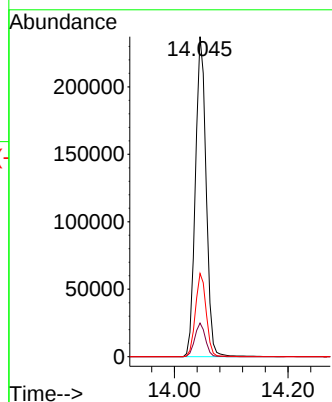
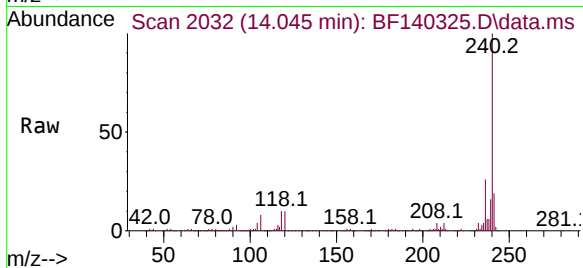
Tgt Ion:240 Resp: 313187

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.4

236 26.0 20.9 31.3



#77

Benzidine

Concen: 2.407 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140325.D

Acq: 11 Nov 2024 18:52

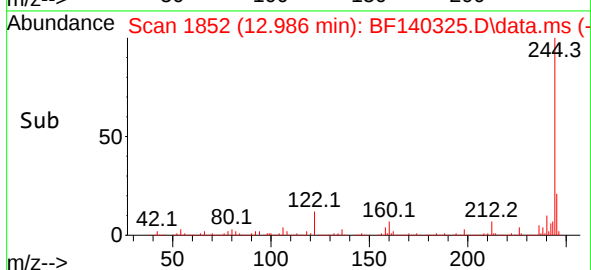
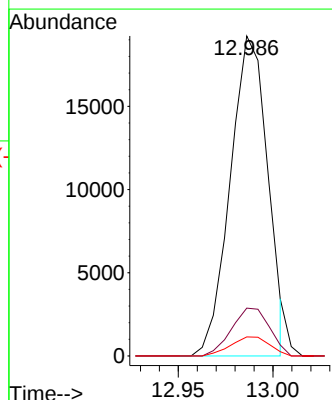
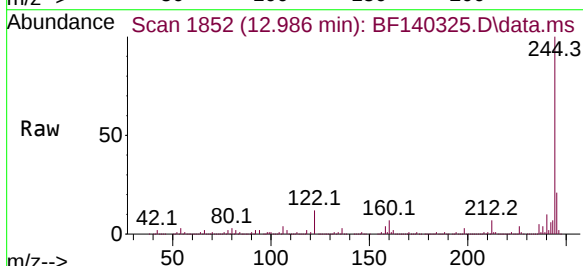
Tgt Ion:184 Resp: 26417

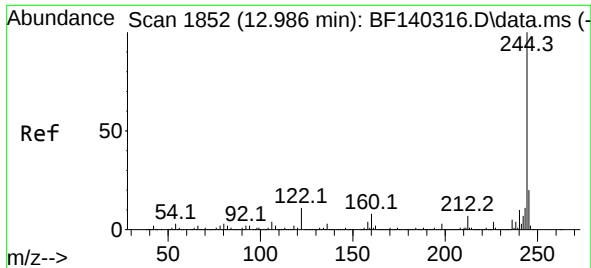
Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 6.0 8.6 13.0#

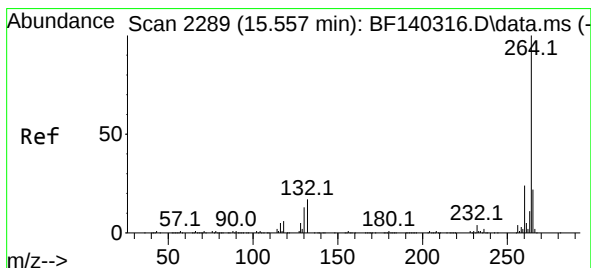
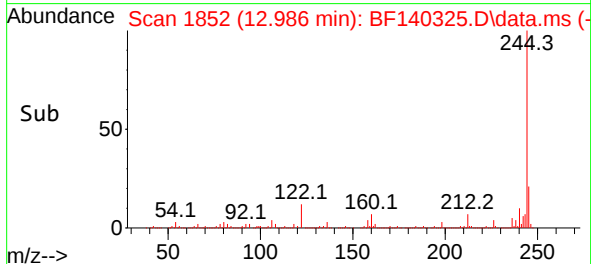
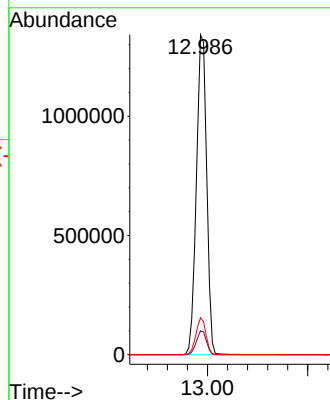
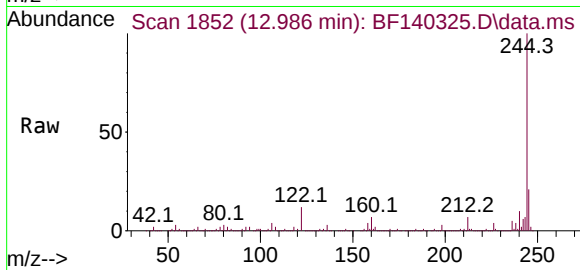




#79
Terphenyl-d14
Concen: 104.397 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:244 Resp: 1906769
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF140325.D
Acq: 11 Nov 2024 18:52

Tgt Ion:264 Resp: 257796
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.7 17.6 26.4

