

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140327.D
 Acq On : 11 Nov 2024 19:44
 Operator : RC/JU
 Sample : P4789-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F21

Quant Time: Nov 12 00:45:46 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)

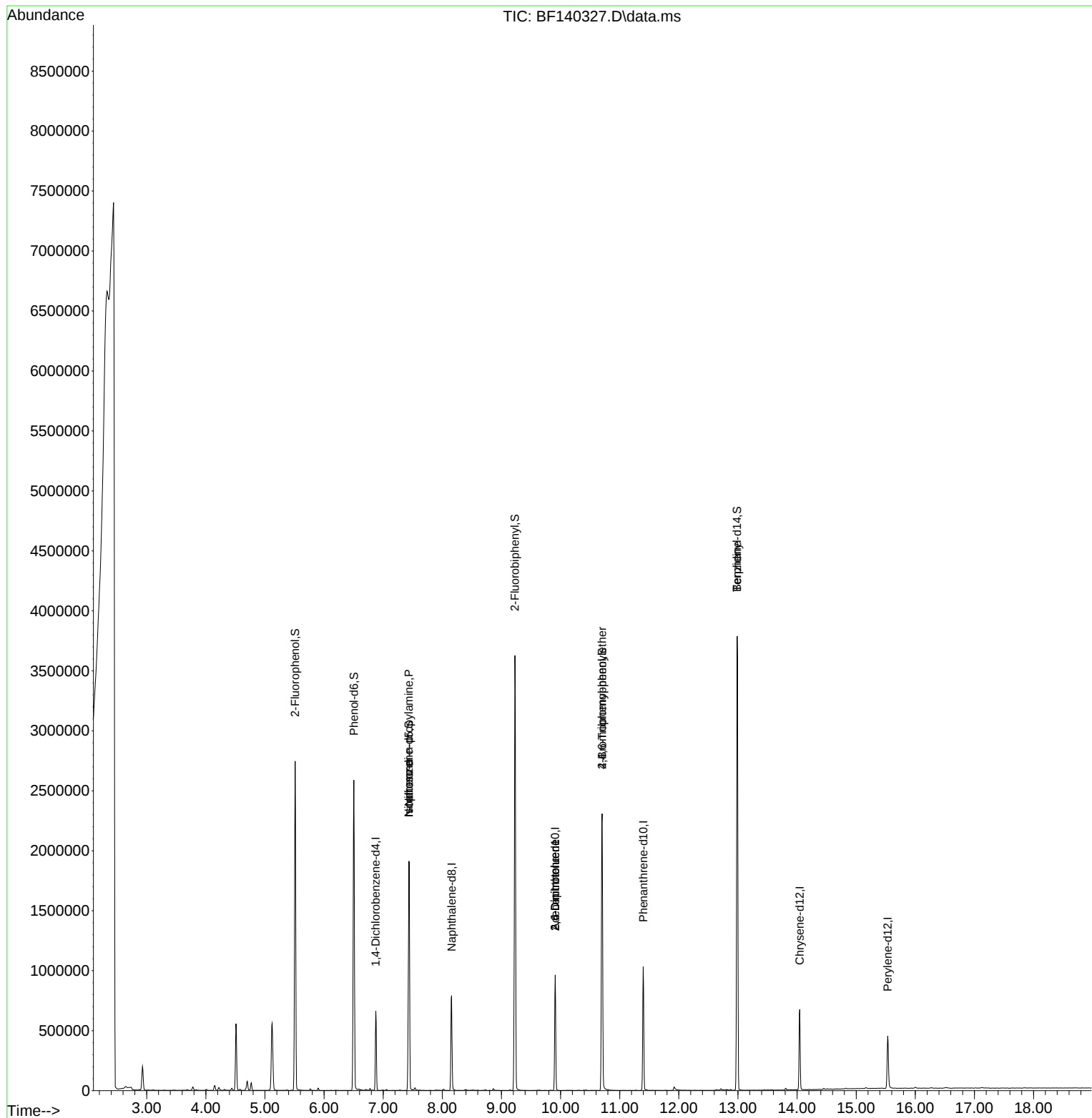
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	137260	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	519547	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	287393	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	547611	20.000	ng	0.00
76) Chrysene-d12	14.045	240	323858	20.000	ng	-0.01
86) Perylene-d12	15.533	264	259597	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1042627	131.234	ng	0.02
7) Phenol-d6	6.504	99	1289390	122.137	ng	0.00
23) Nitrobenzene-d5	7.434	82	963581	96.282	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	417346	149.476	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1686919	92.671	ng	0.00
79) Terphenyl-d14	12.986	244	1942445	102.846	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	128626	20.006	ng	Qvalue # 79
25) Isophorone	7.434	82	955352	54.802	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	36705	8.740	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	36705	6.637	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	27082	4.936	ng	# 1
77) Benzidine	12.986	184	26981	2.378	ng	# 93

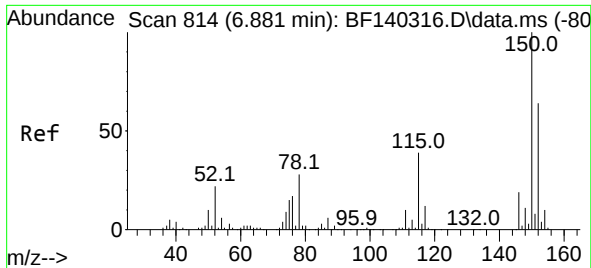
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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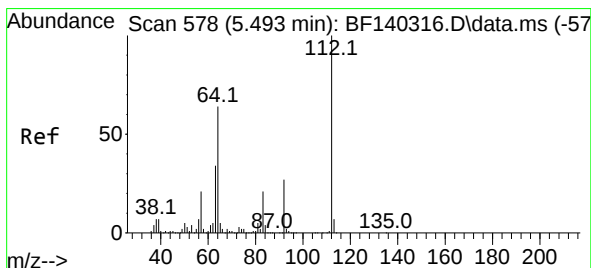
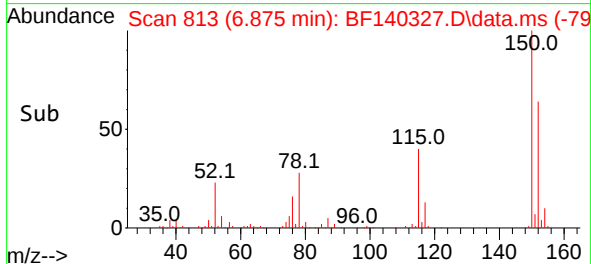
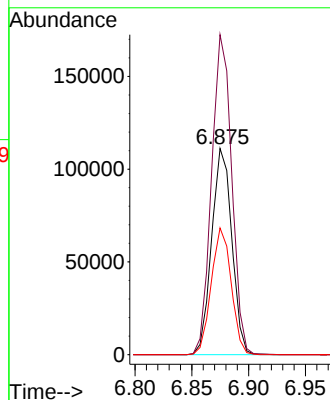
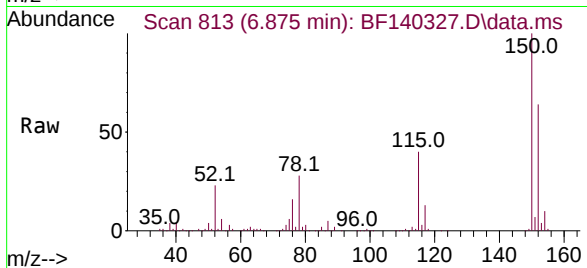




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

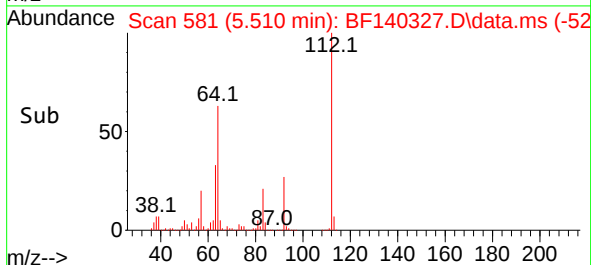
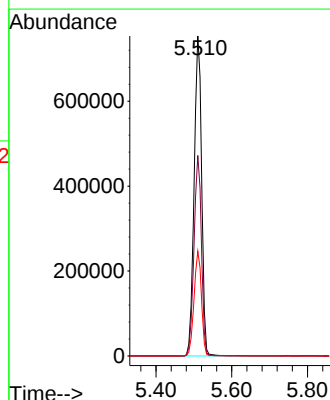
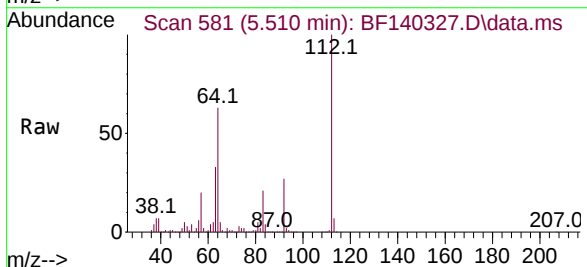
Instrument :
BNA_F
ClientSampleId :
BP-F21

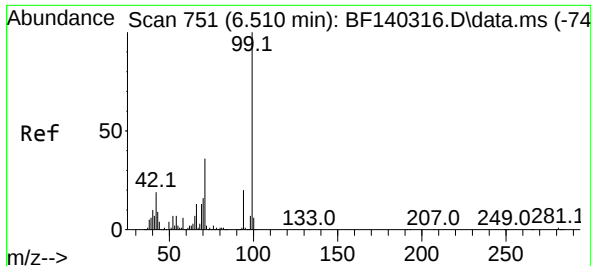
Tgt Ion:152 Resp: 137260
Ion Ratio Lower Upper
152 100
150 155.2 127.1 190.7
115 61.5 49.4 74.0



#5
2-Fluorophenol
Concen: 131.234 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

Tgt Ion:112 Resp: 1042627
Ion Ratio Lower Upper
112 100
64 62.7 51.0 76.6
63 32.7 26.9 40.3

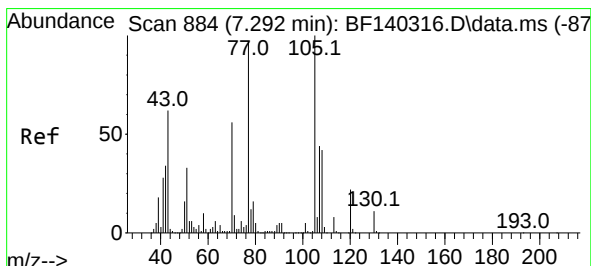
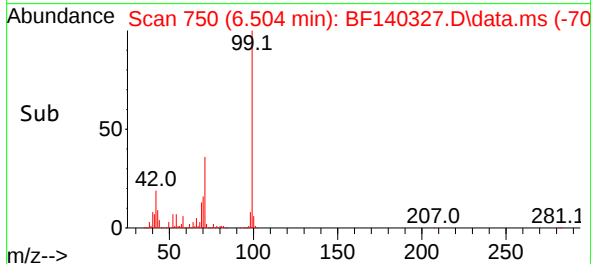
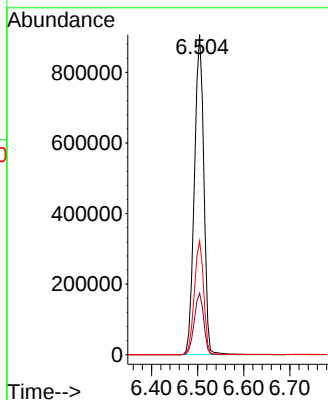
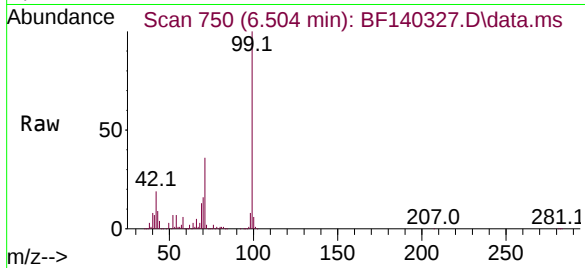




#7
Phenol-d6
Concen: 122.137 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

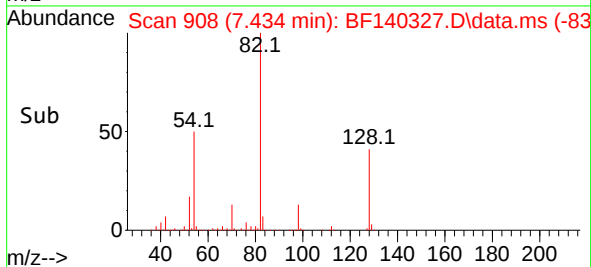
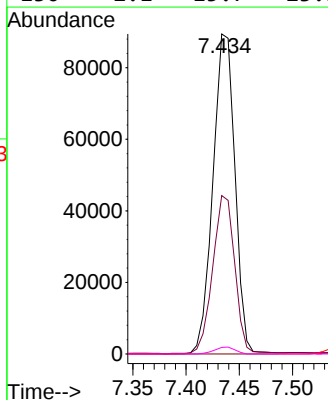
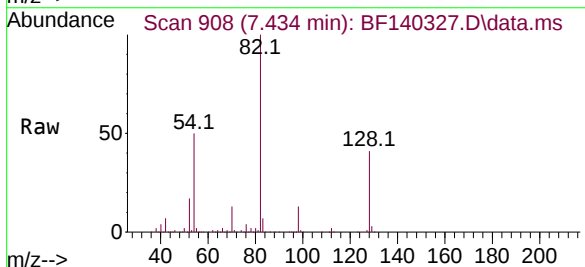
Instrument :
BNA_F
ClientSampleId :
BP-F21

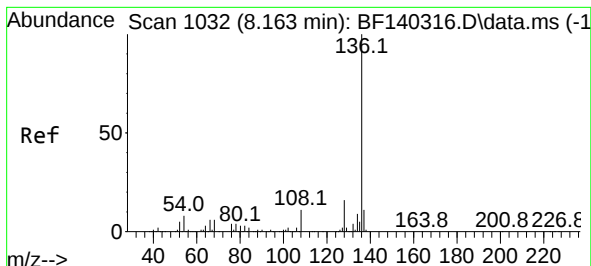
Tgt Ion: 99 Resp: 1289390
Ion Ratio Lower Upper
99 100
42 19.2 15.5 23.3
71 35.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.006 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

Tgt Ion: 70 Resp: 128626
Ion Ratio Lower Upper
70 100
42 49.5 48.0 72.0
101 0.0 7.4 11.0#
130 2.1 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140327.D

Acq: 11 Nov 2024 19:44

Instrument :

BNA_F

ClientSampleId :

BP-F21

Tgt Ion:136 Resp: 519547

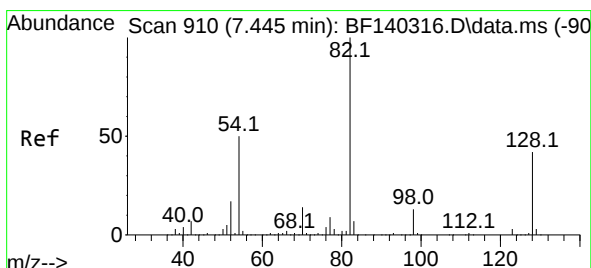
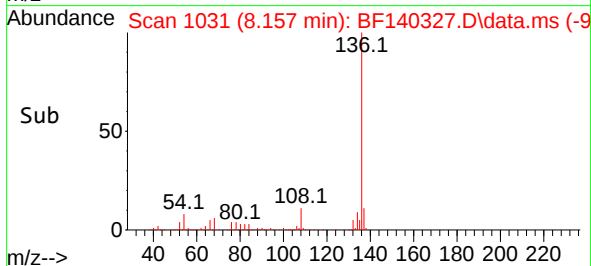
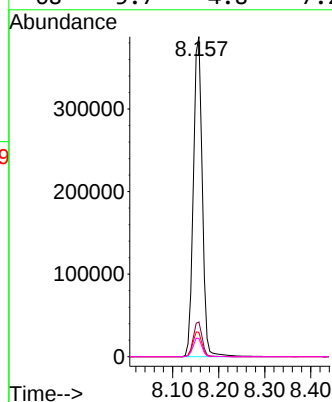
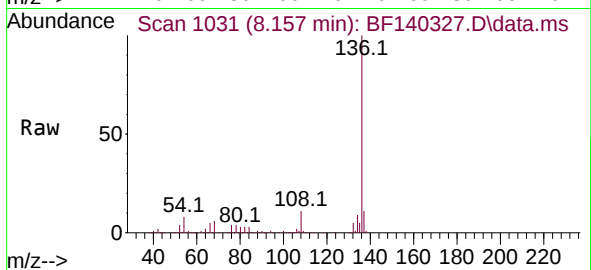
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.6 6.2 9.2

68 5.7 4.8 7.2



#23

Nitrobenzene-d5

Concen: 96.282 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140327.D

Acq: 11 Nov 2024 19:44

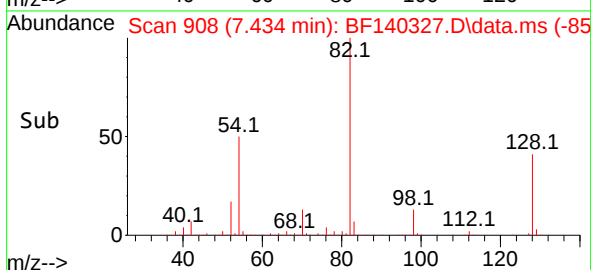
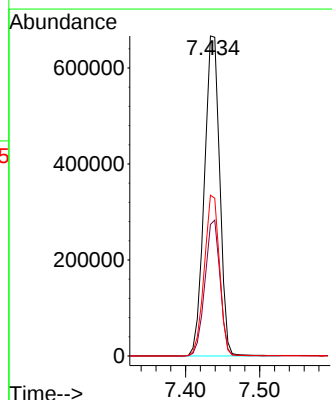
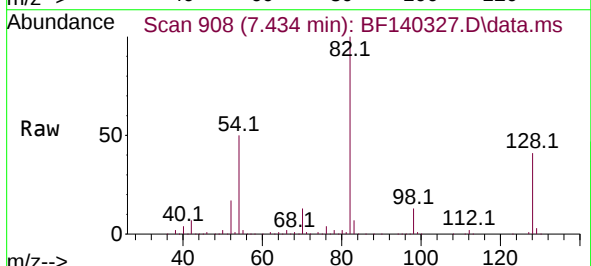
Tgt Ion: 82 Resp: 963581

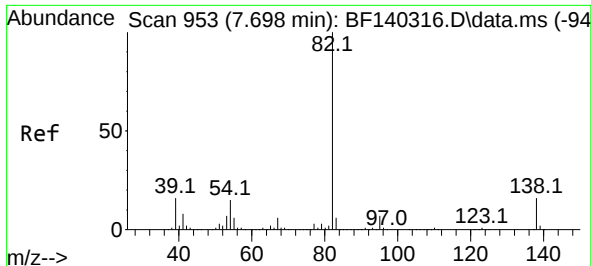
Ion Ratio Lower Upper

82 100

128 41.1 33.8 50.6

54 50.2 40.0 60.0

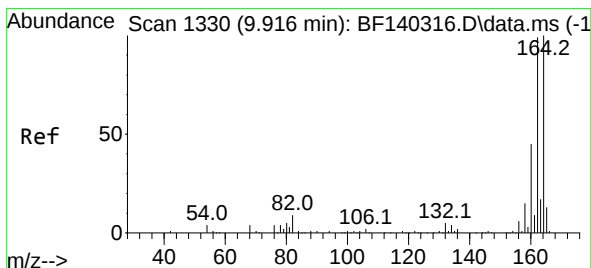
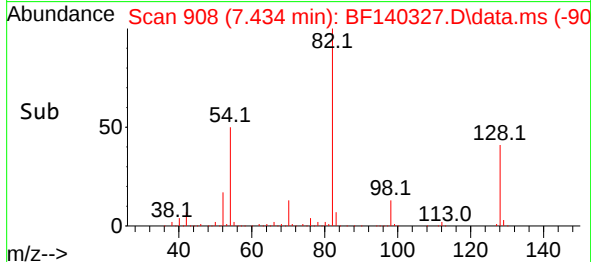
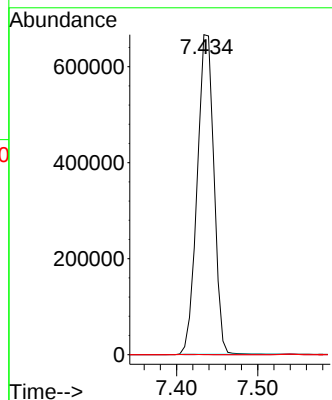
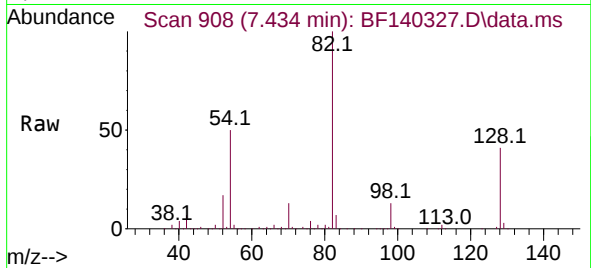




#25
Isophorone
Concen: 54.802 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

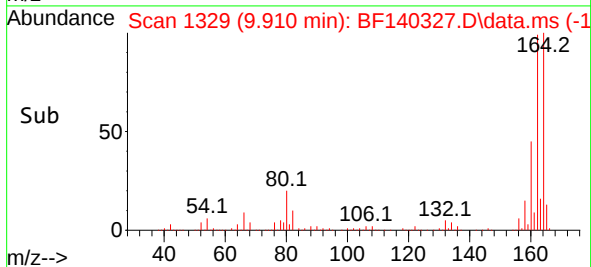
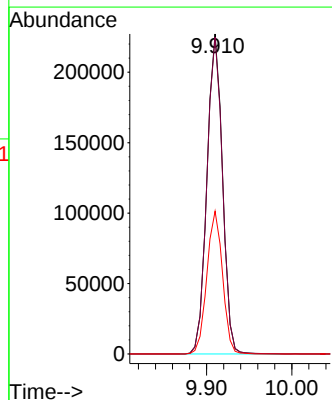
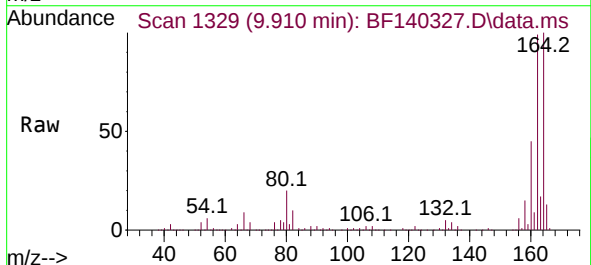
Instrument :
BNA_F
ClientSampleId :
BP-F21

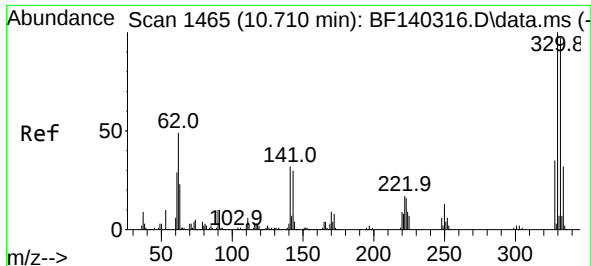
Tgt Ion: 82 Resp: 955352
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

Tgt Ion: 164 Resp: 287393
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 149.476 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140327.D

Acq: 11 Nov 2024 19:44

Instrument :

BNA_F

ClientSampleId :

BP-F21

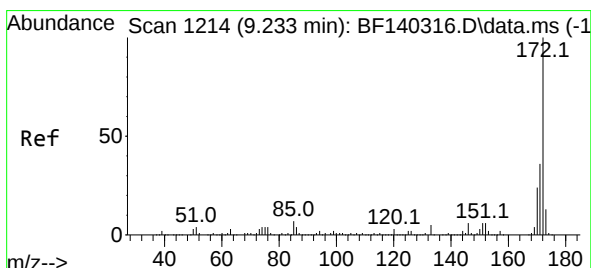
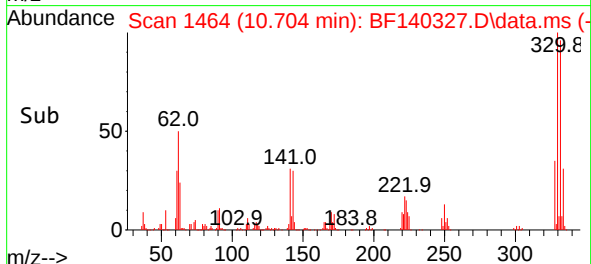
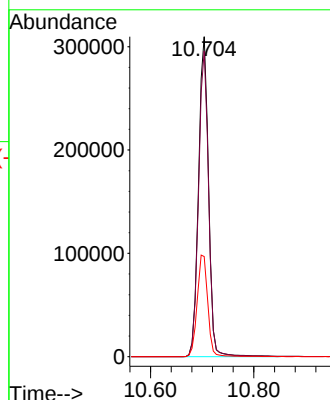
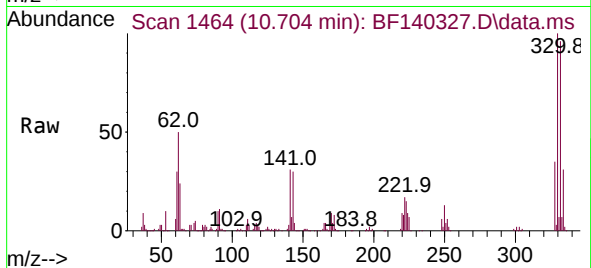
Tgt Ion:330 Resp: 417346

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 33.6 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 92.671 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140327.D

Acq: 11 Nov 2024 19:44

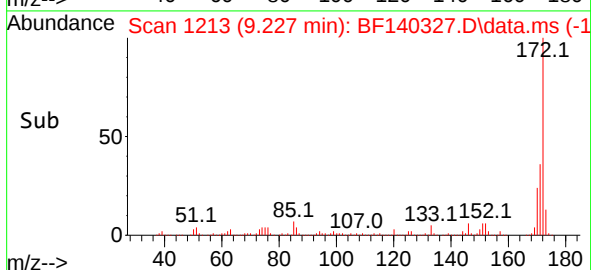
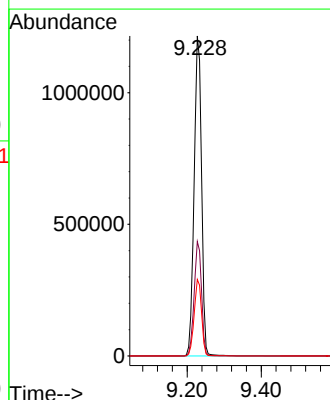
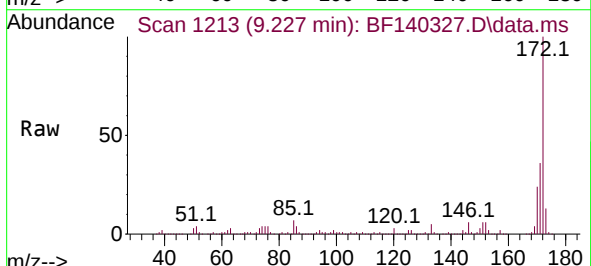
Tgt Ion:172 Resp: 1686919

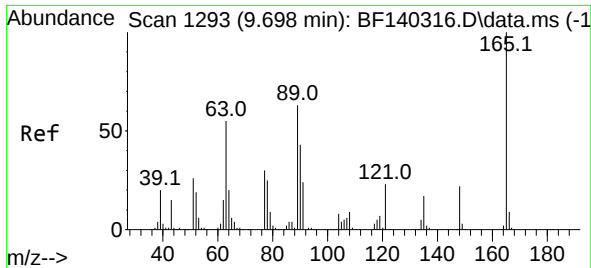
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.9 19.3 28.9

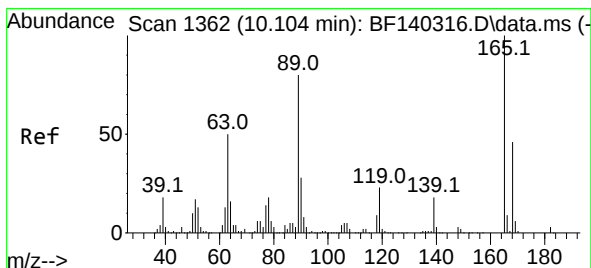
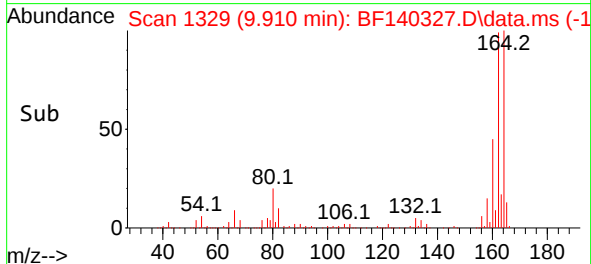
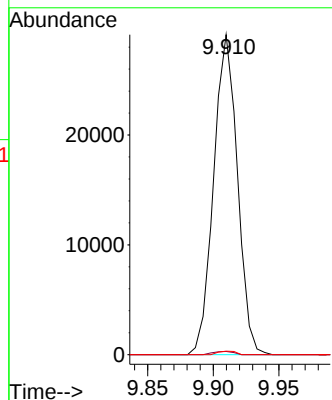
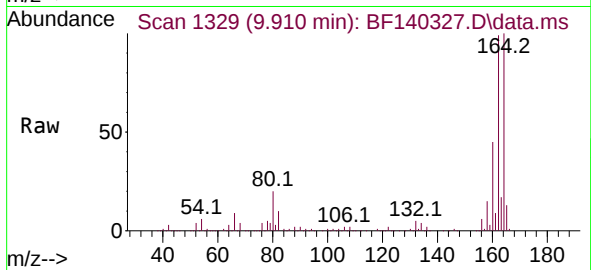




#51
2,6-Dinitrotoluene
Concen: 8.740 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

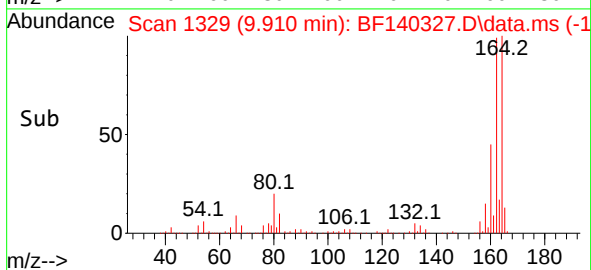
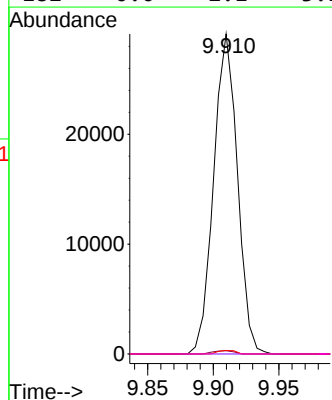
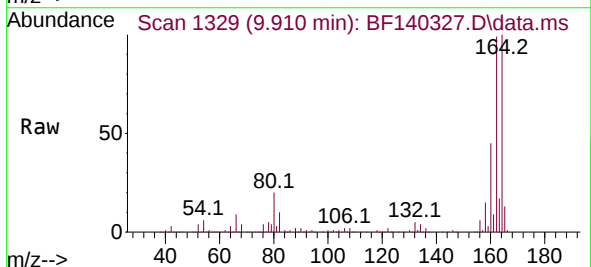
Instrument :
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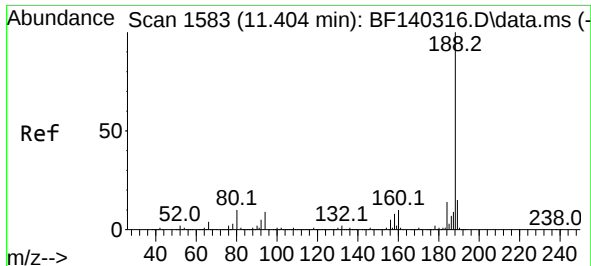
Tgt Ion:165 Resp: 36705
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.1 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

Tgt Ion:165 Resp: 36705
Ion Ratio Lower Upper
165 100
63 1.0 40.6 60.8#
89 1.1 63.8 95.8#
182 0.0 2.1 3.1#

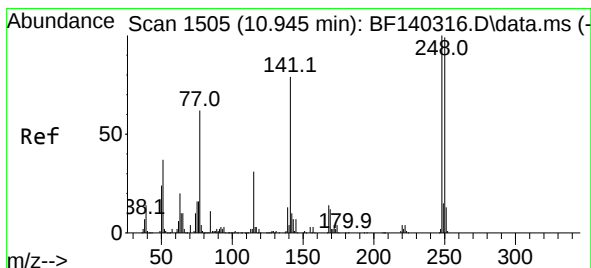
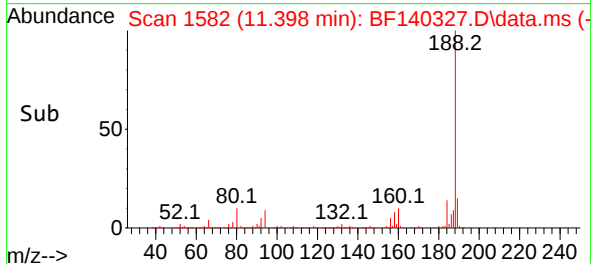
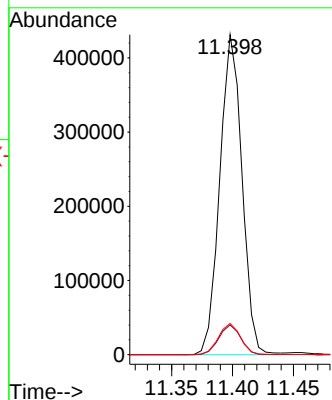
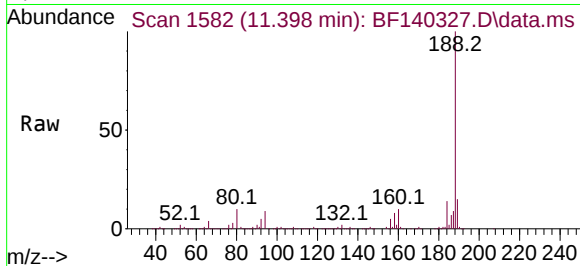




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

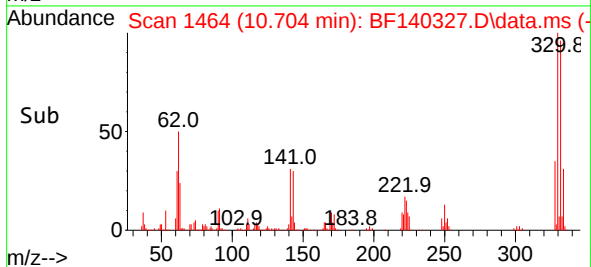
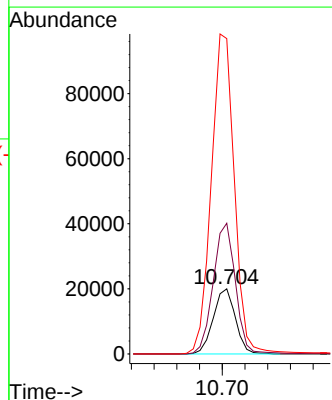
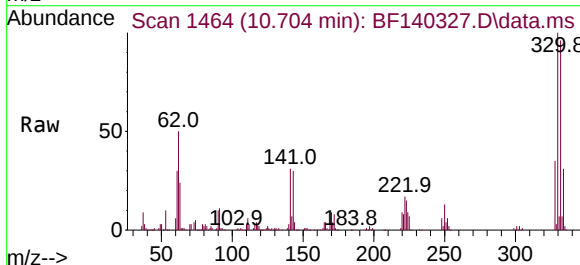
Instrument :
BNA_F
ClientSampleId :
BP-F21

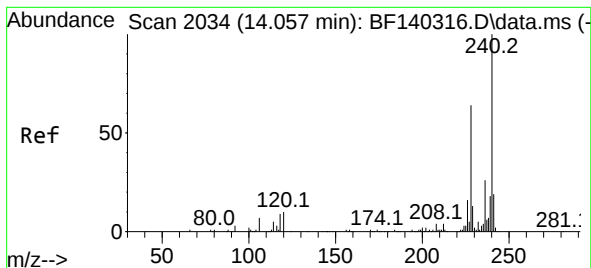
Tgt Ion:188 Resp: 547611
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.936 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140327.D
Acq: 11 Nov 2024 19:44

Tgt Ion:248 Resp: 27082
Ion Ratio Lower Upper
248 100
250 200.6 79.1 118.7#
141 483.8 63.5 95.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF140327.D

Acq: 11 Nov 2024 19:44

Instrument :

BNA_F

ClientSampleId :

BP-F21

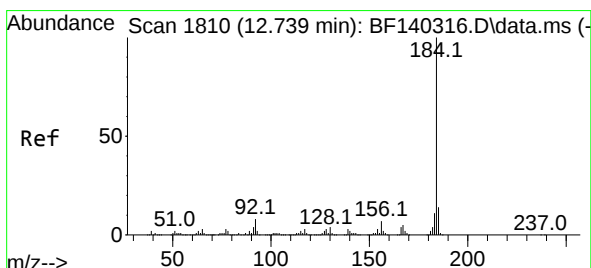
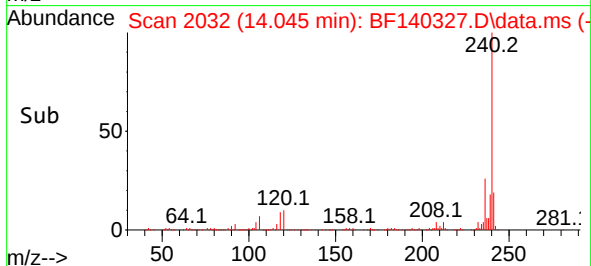
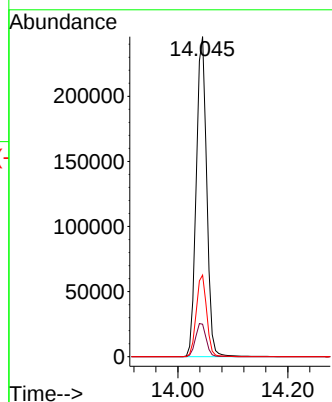
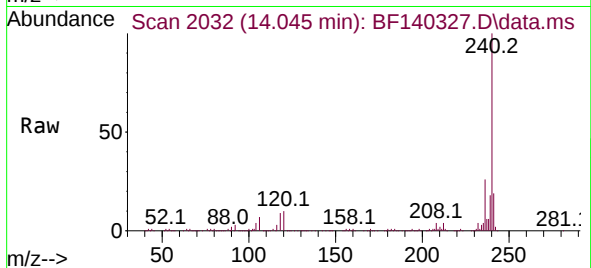
Tgt Ion:240 Resp: 323858

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.4

236 25.5 20.9 31.3



#77

Benzidine

Concen: 2.378 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140327.D

Acq: 11 Nov 2024 19:44

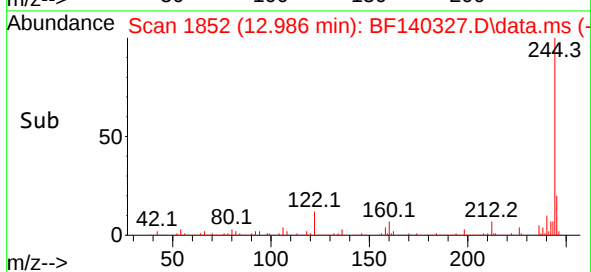
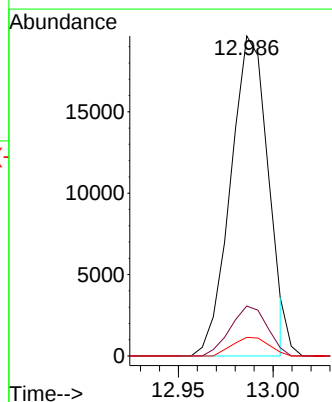
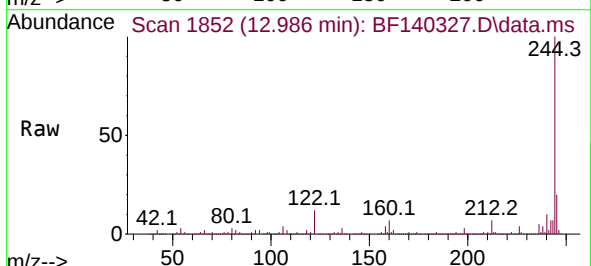
Tgt Ion:184 Resp: 26981

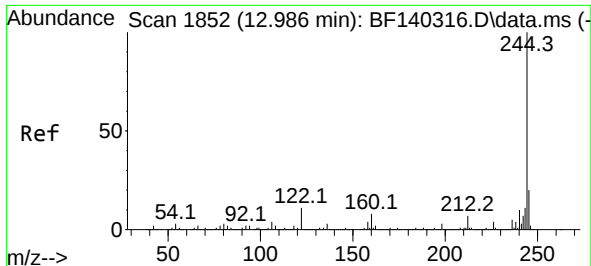
Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

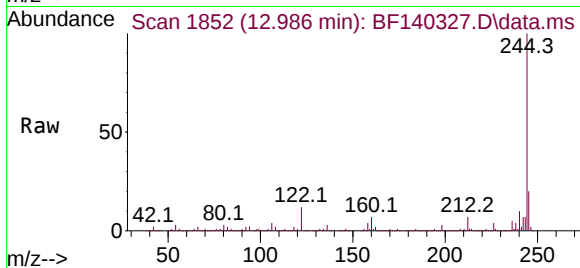
183 5.8 8.6 13.0#



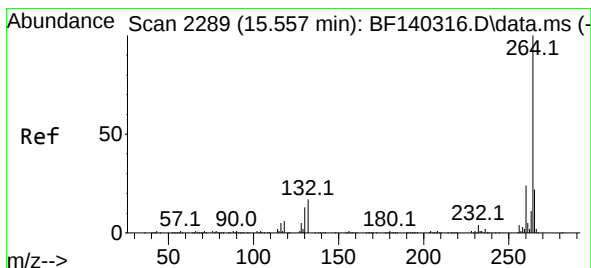
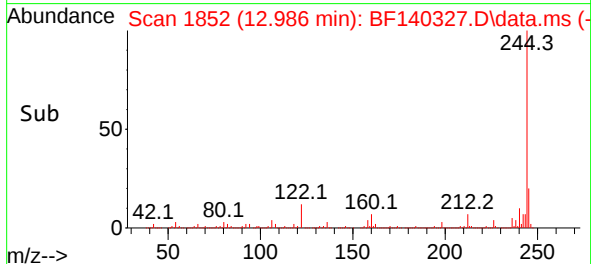
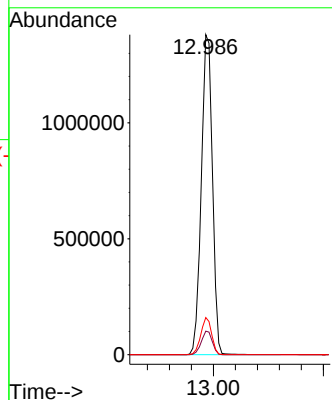


#79
 Terphenyl-d14
 Concen: 102.846 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140327.D
 Acq: 11 Nov 2024 19:44

Instrument :
 BNA_F
 ClientSampleId :
 BP-F21



Tgt Ion:244 Resp: 1942445
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140327.D
 Acq: 11 Nov 2024 19:44

Tgt Ion:264 Resp: 259597
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.5 17.6 26.4

