

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140436.D
 Acq On : 16 Nov 2024 18:00
 Operator : RC/JU
 Sample : P4833-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 18 00:09:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

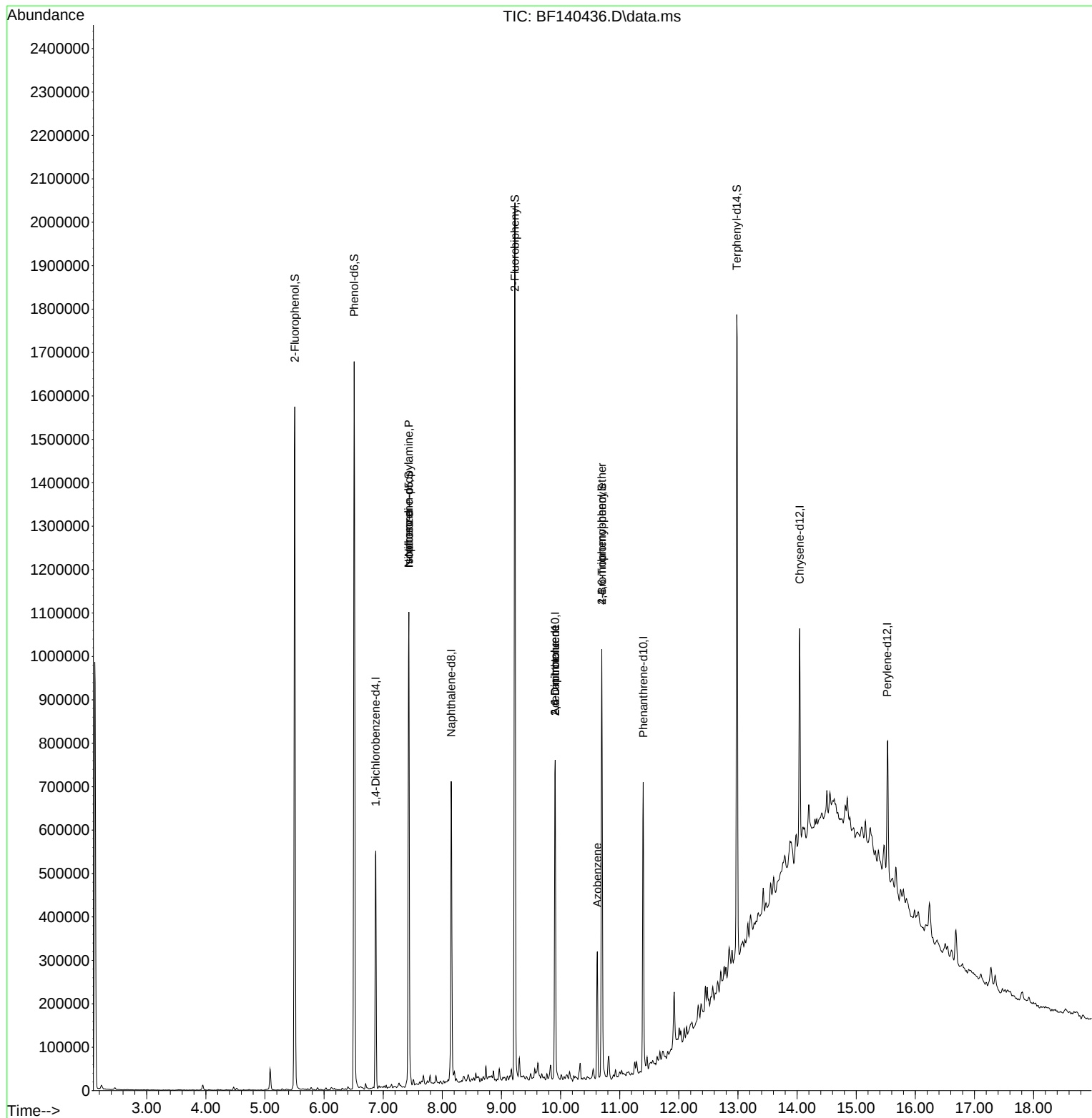
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	118629	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	435635	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	228104	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	355089	20.000	ng	0.00
76) Chrysene-d12	14.045	240	237316	20.000	ng	0.00
86) Perylene-d12	15.527	264	176746	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	599967	86.351	ng	0.01
7) Phenol-d6	6.510	99	789156	83.833	ng	0.00
23) Nitrobenzene-d5	7.434	82	495718	59.289	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	165492	72.958	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	906006	63.850	ng	0.00
79) Terphenyl-d14	12.980	244	750138	54.867	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	66741	11.739	ng	# 78
25) Isophorone	7.434	82	487726	32.914	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	30638	9.039	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	30807	6.906	ng	# 20
63) Azobenzene	10.622	77	75674	5.038	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	10210	2.876	ng	# 1

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

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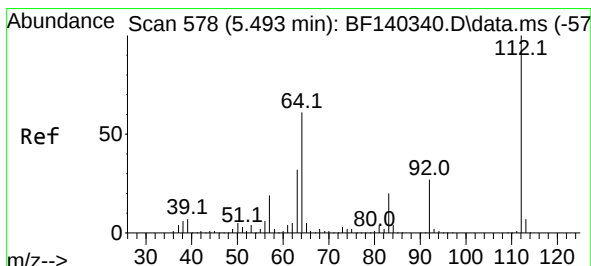
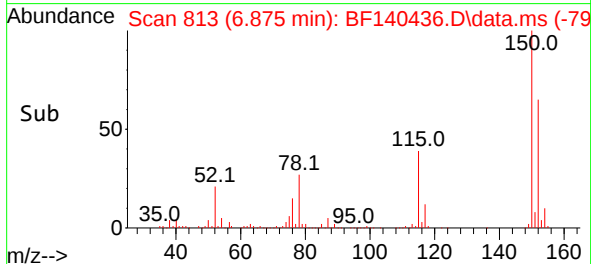
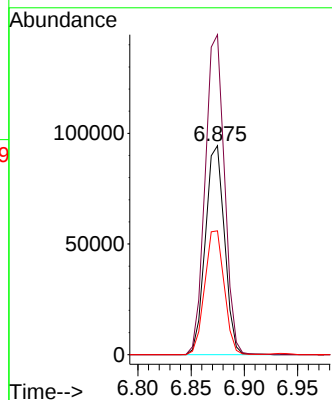
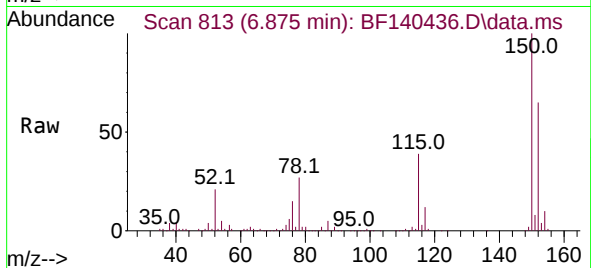




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

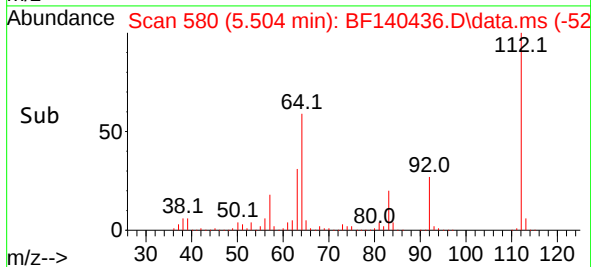
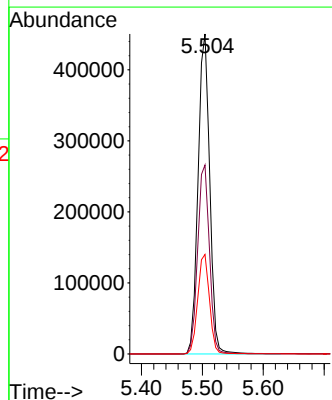
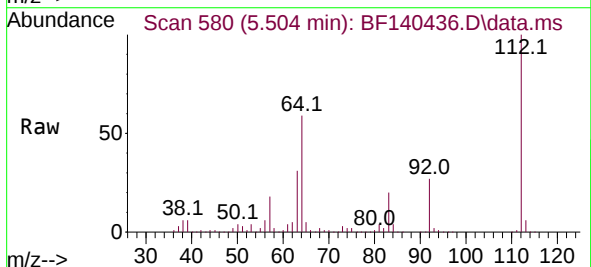
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 118629
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.0
115 59.2 47.4 71.2



#5
2-Fluorophenol
Concen: 86.351 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion:112 Resp: 599967
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.1 25.6 38.4

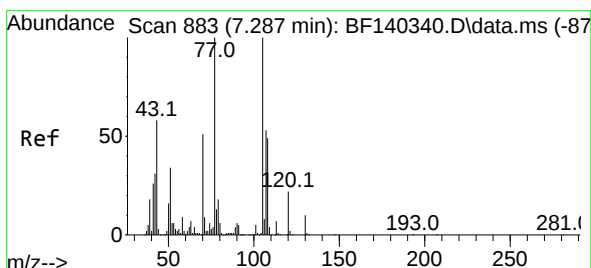
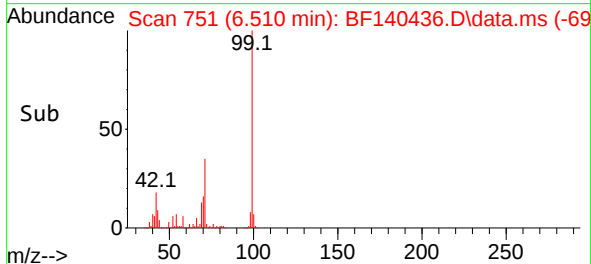
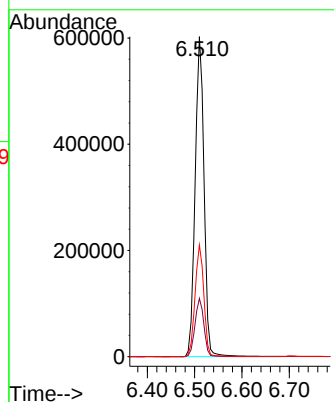
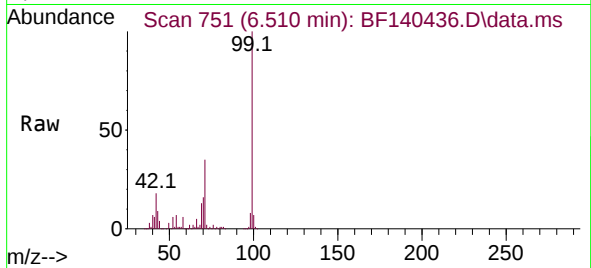




#7
Phenol-d6
Concen: 83.833 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

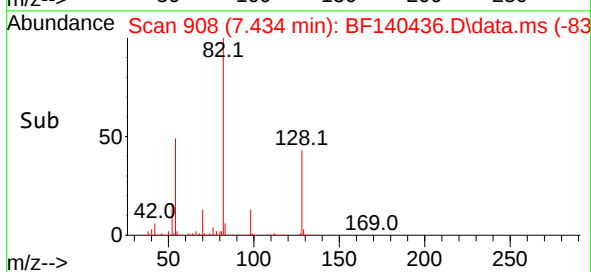
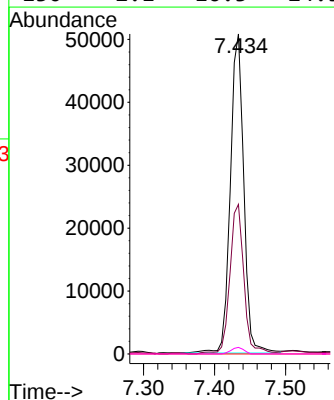
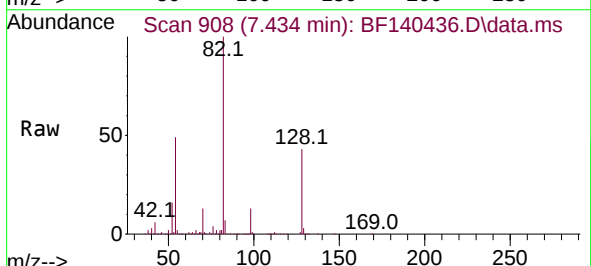
Instrument :
BNA_F
ClientSampleId :
TP-2

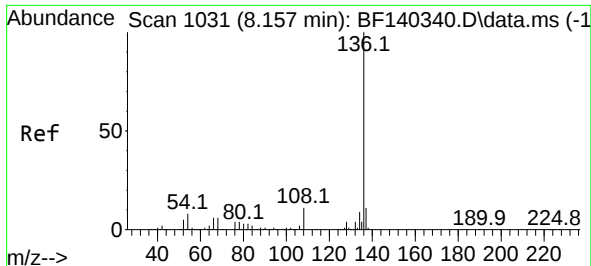
Tgt Ion: 99 Resp: 789156
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 34.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.739 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion: 70 Resp: 66741
Ion Ratio Lower Upper
70 100
42 46.8 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#

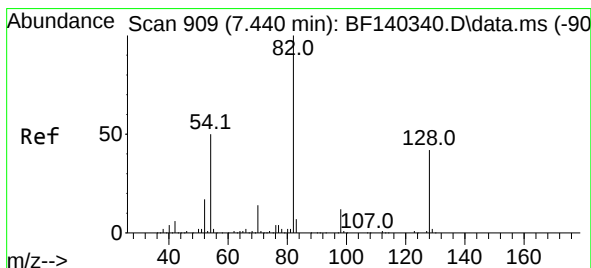
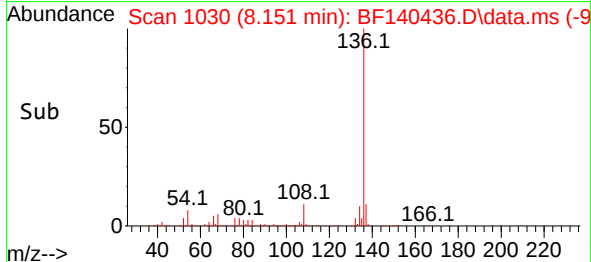
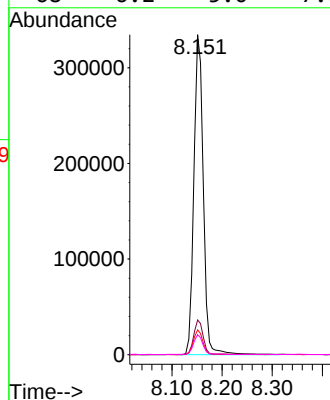
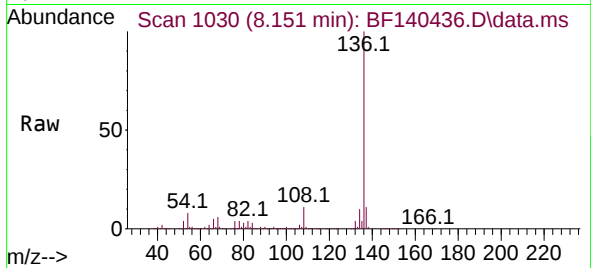




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

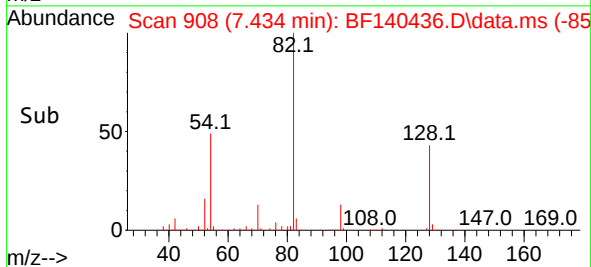
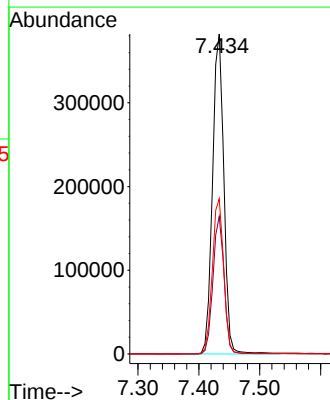
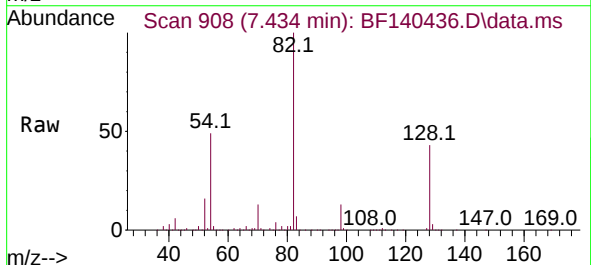
Instrument :
BNA_F
ClientSampleId :
TP-2

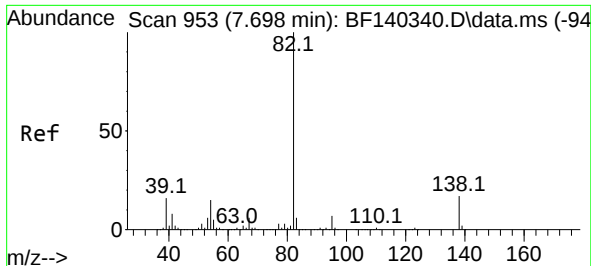
Tgt Ion:136 Resp: 435635
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 59.289 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion: 82 Resp: 495718
Ion Ratio Lower Upper
82 100
128 43.0 33.3 49.9
54 48.5 39.8 59.8

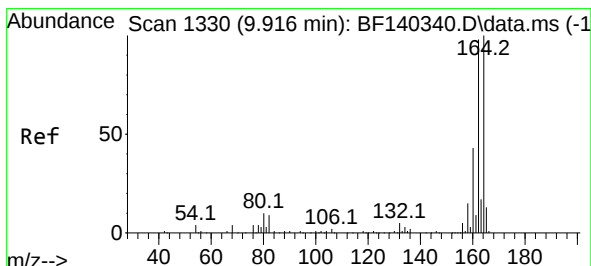
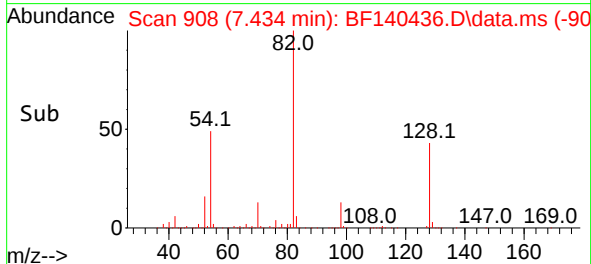
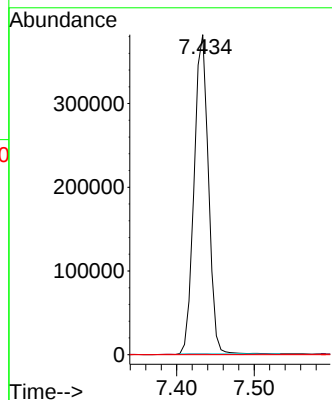
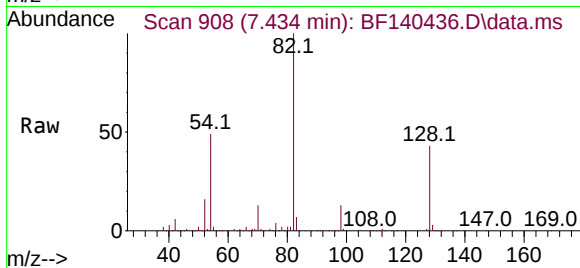




#25
Isophorone
Concen: 32.914 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

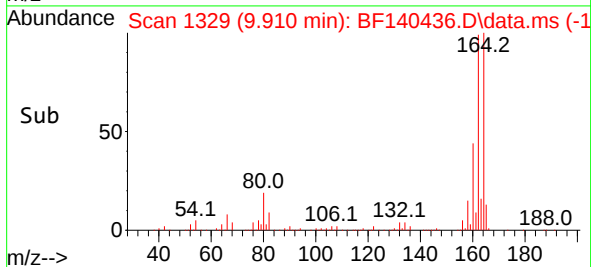
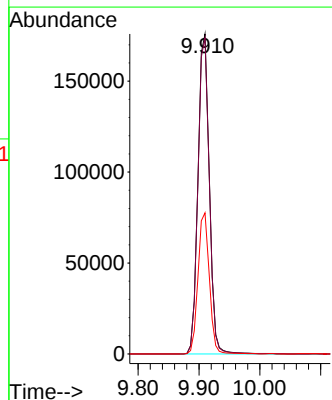
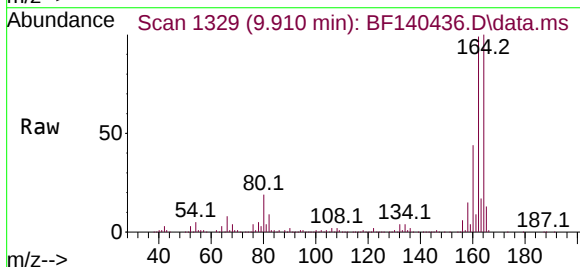
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 487726
Ion Ratio Lower Upper
82 100
95 0.2 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion:164 Resp: 228104
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.8
160 44.1 35.4 53.0

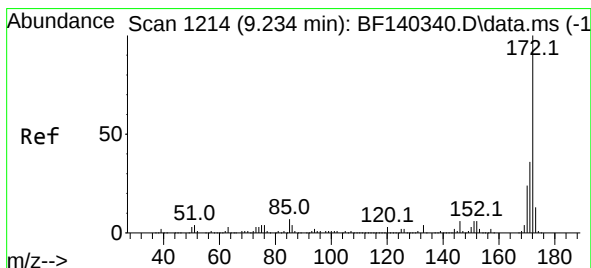
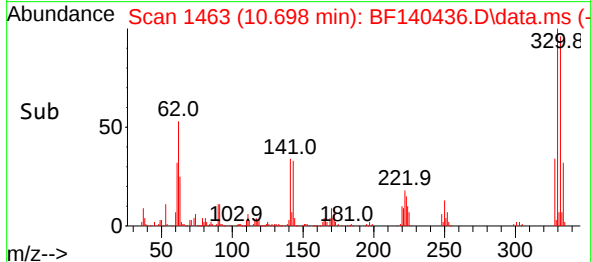
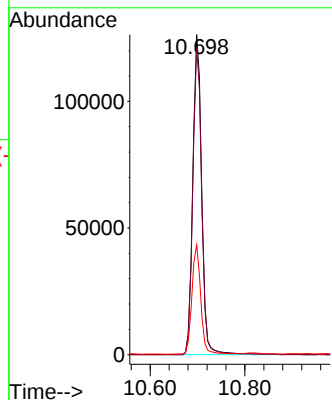
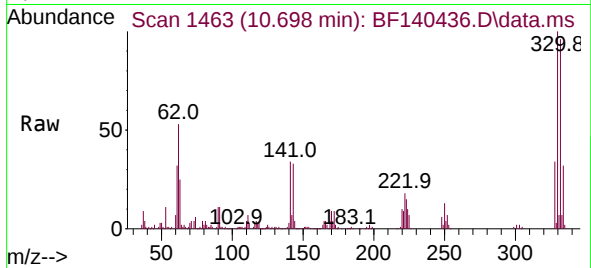




#42
2,4,6-Tribromophenol
Concen: 72.958 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

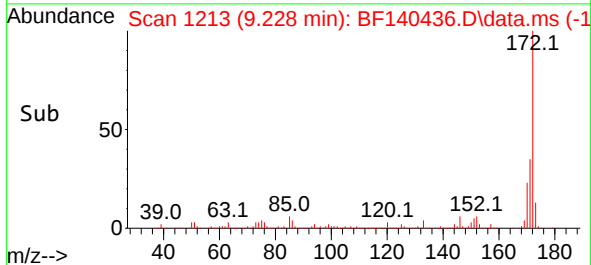
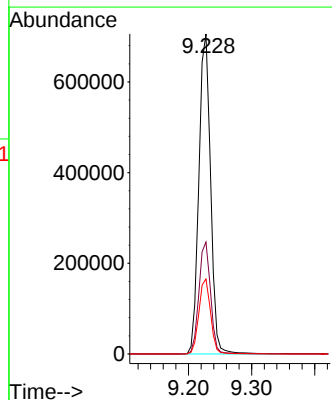
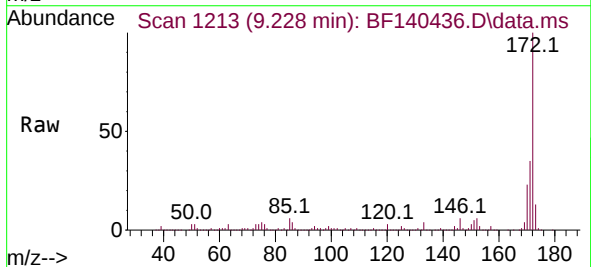
Instrument :
BNA_F
ClientSampleId :
TP-2

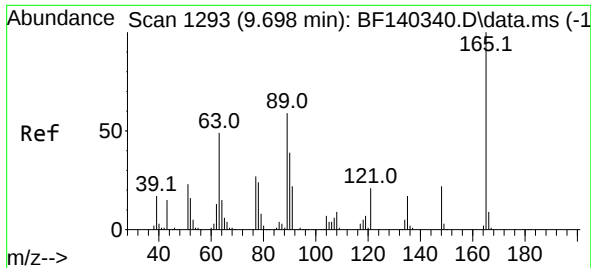
Tgt Ion:330 Resp: 165492
Ion Ratio Lower Upper
330 100
332 95.6 75.9 113.9
141 33.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 63.850 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion:172 Resp: 906006
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.1 28.7

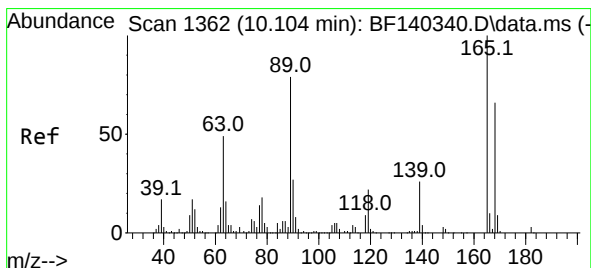
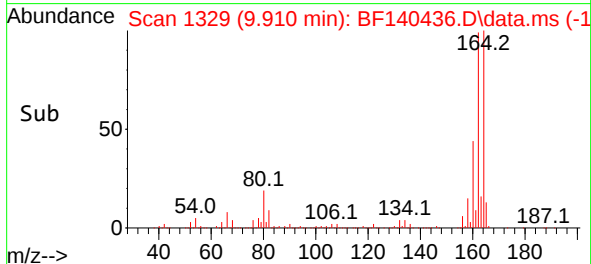
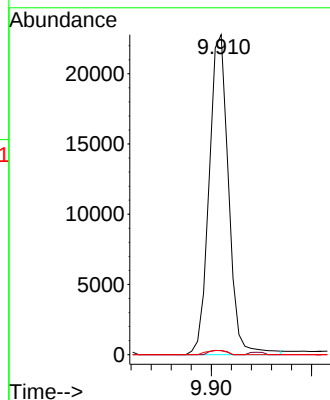
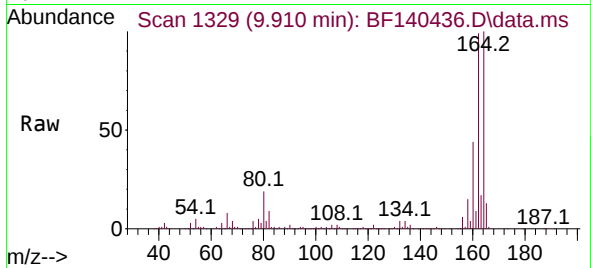




#51
2,6-Dinitrotoluene
Concen: 9.039 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

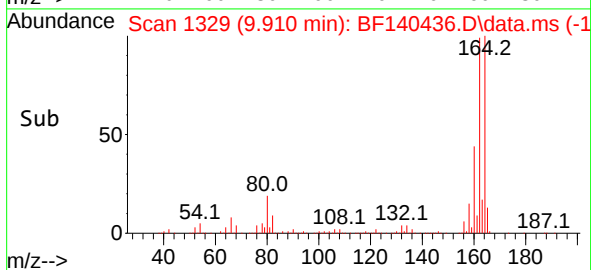
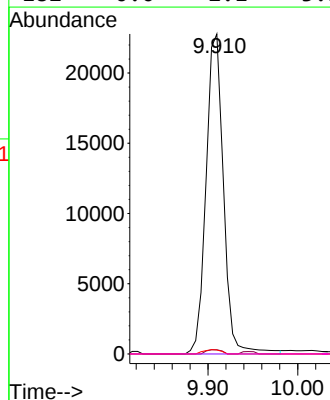
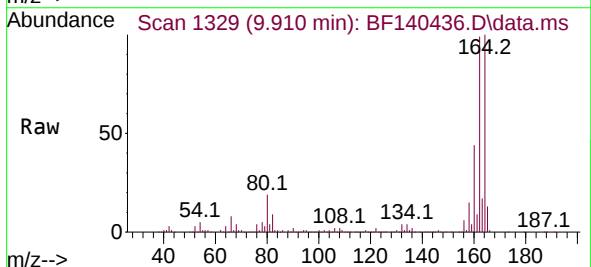
Instrument :
BNA_F
ClientSampleId :
TP-2

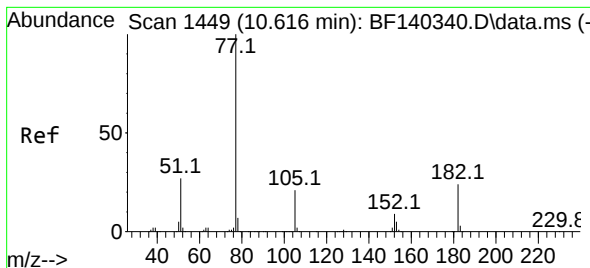
Tgt Ion:165 Resp: 30638
Ion Ratio Lower Upper
165 100
63 1.3 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion:165 Resp: 30807
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 5.038 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 77 Resp: 75674

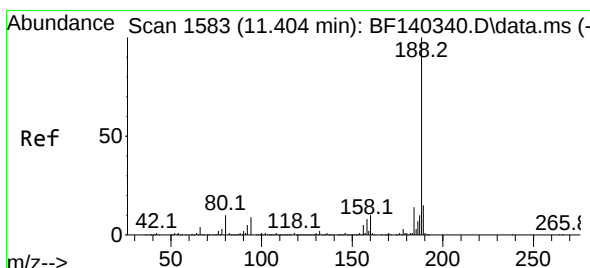
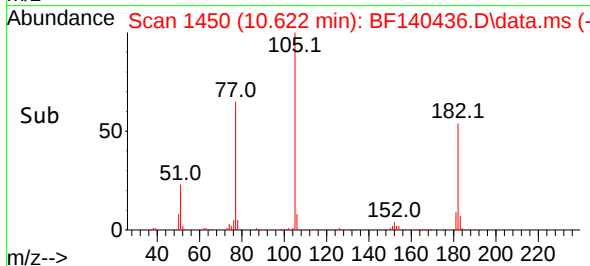
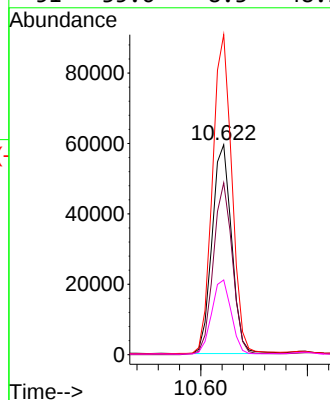
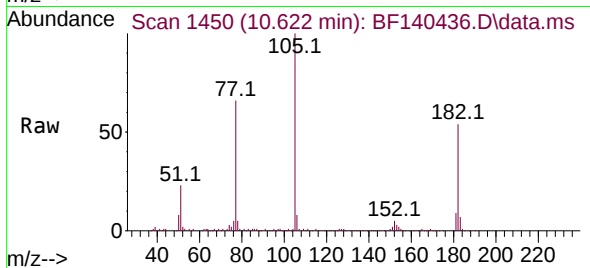
Ion Ratio Lower Upper

77 100

182 81.8 4.6 44.6#

105 152.4 0.9 40.9#

51 35.6 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

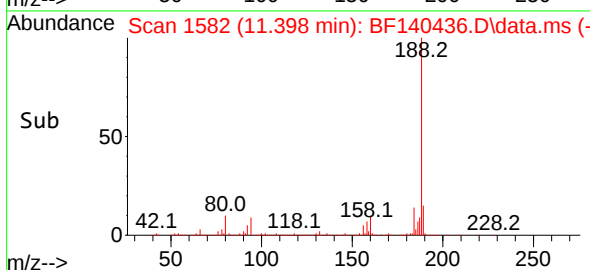
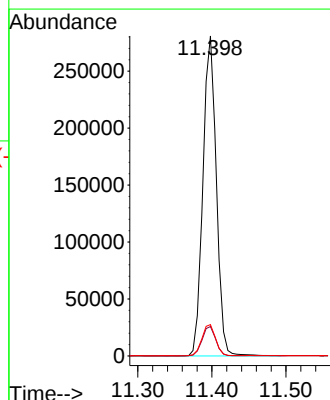
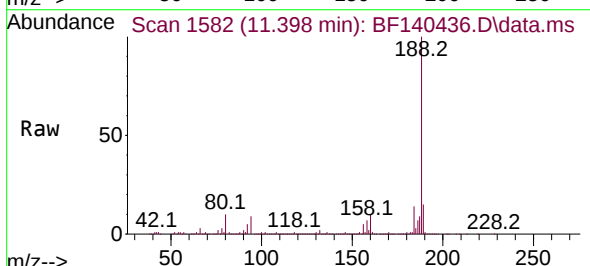
Tgt Ion:188 Resp: 355089

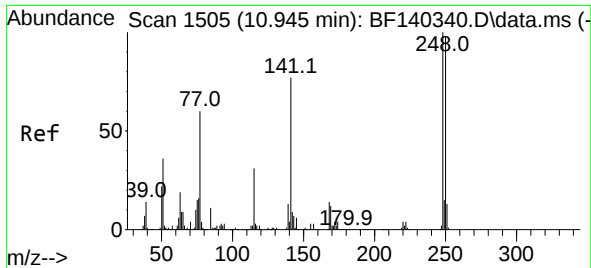
Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.8 8.0 12.0

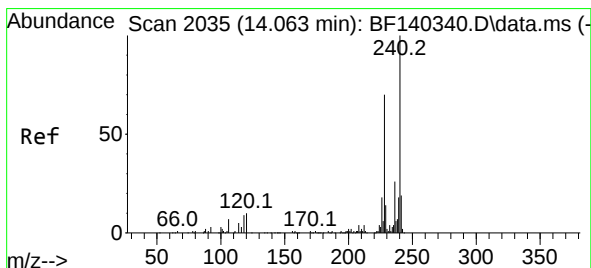
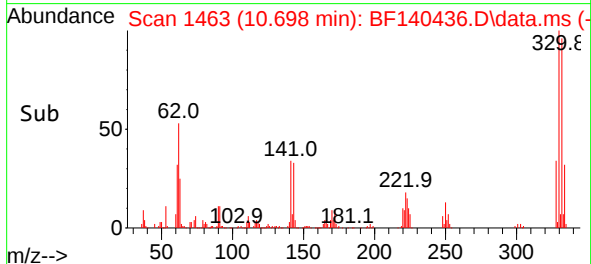
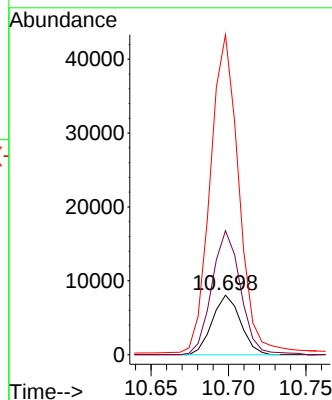
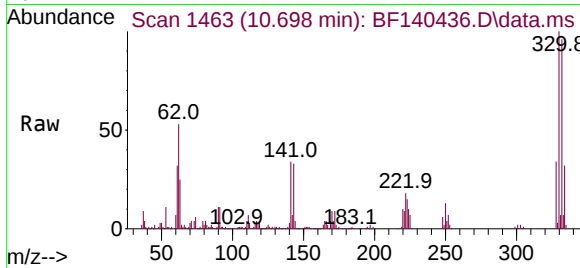




#67
4-Bromophenyl-phenylether
Concen: 2.876 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

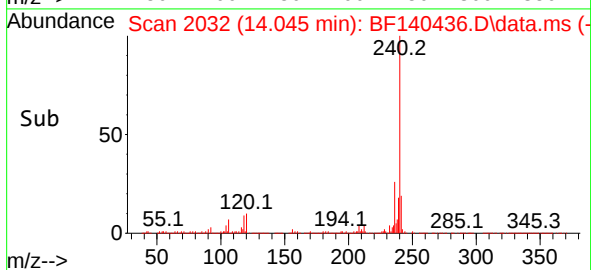
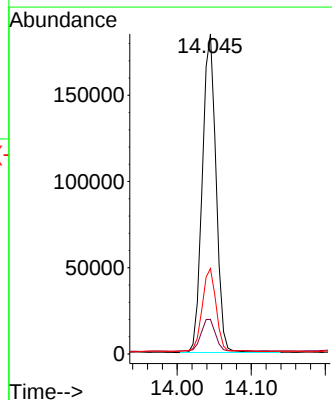
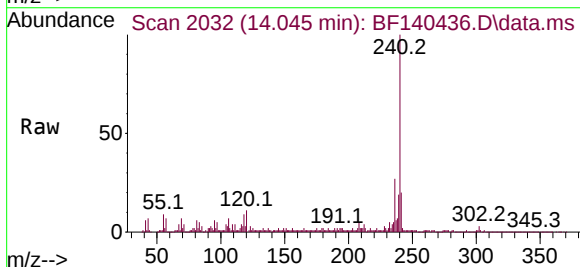
Instrument :
BNA_F
ClientSampleId :
TP-2

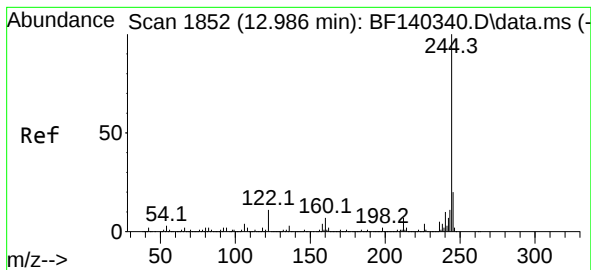
Tgt Ion:248 Resp: 10210
Ion Ratio Lower Upper
248 100
250 208.2 77.9 116.9#
141 537.2 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140436.D
Acq: 16 Nov 2024 18:00

Tgt Ion:240 Resp: 237316
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.7 20.9 31.3





#79

Terphenyl-d14

Concen: 54.867 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

TP-2

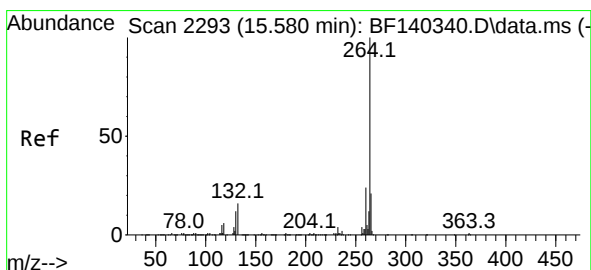
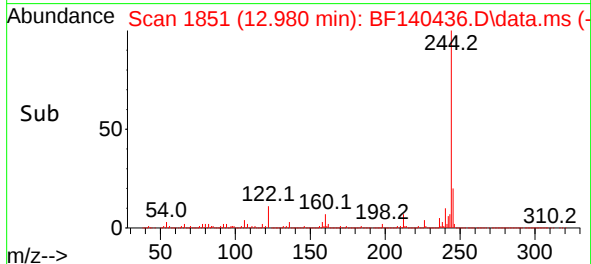
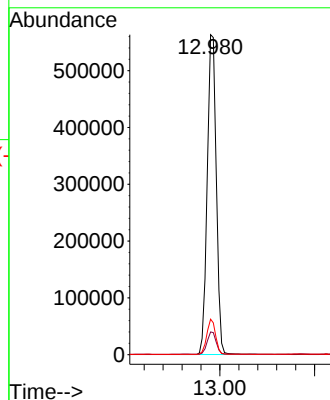
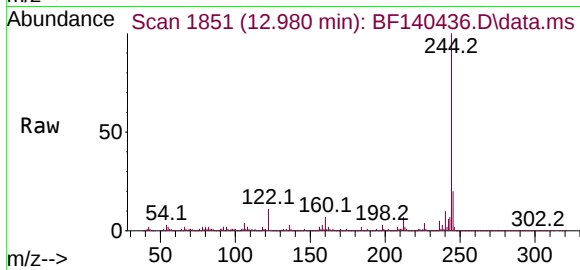
Tgt Ion:244 Resp: 750138

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.030 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Tgt Ion:264 Resp: 176746

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.7 17.1 25.7

