

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140405.D
 Acq On : 15 Nov 2024 15:55
 Operator : RC/JU
 Sample : P4807-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Nov 15 16:22:47 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)

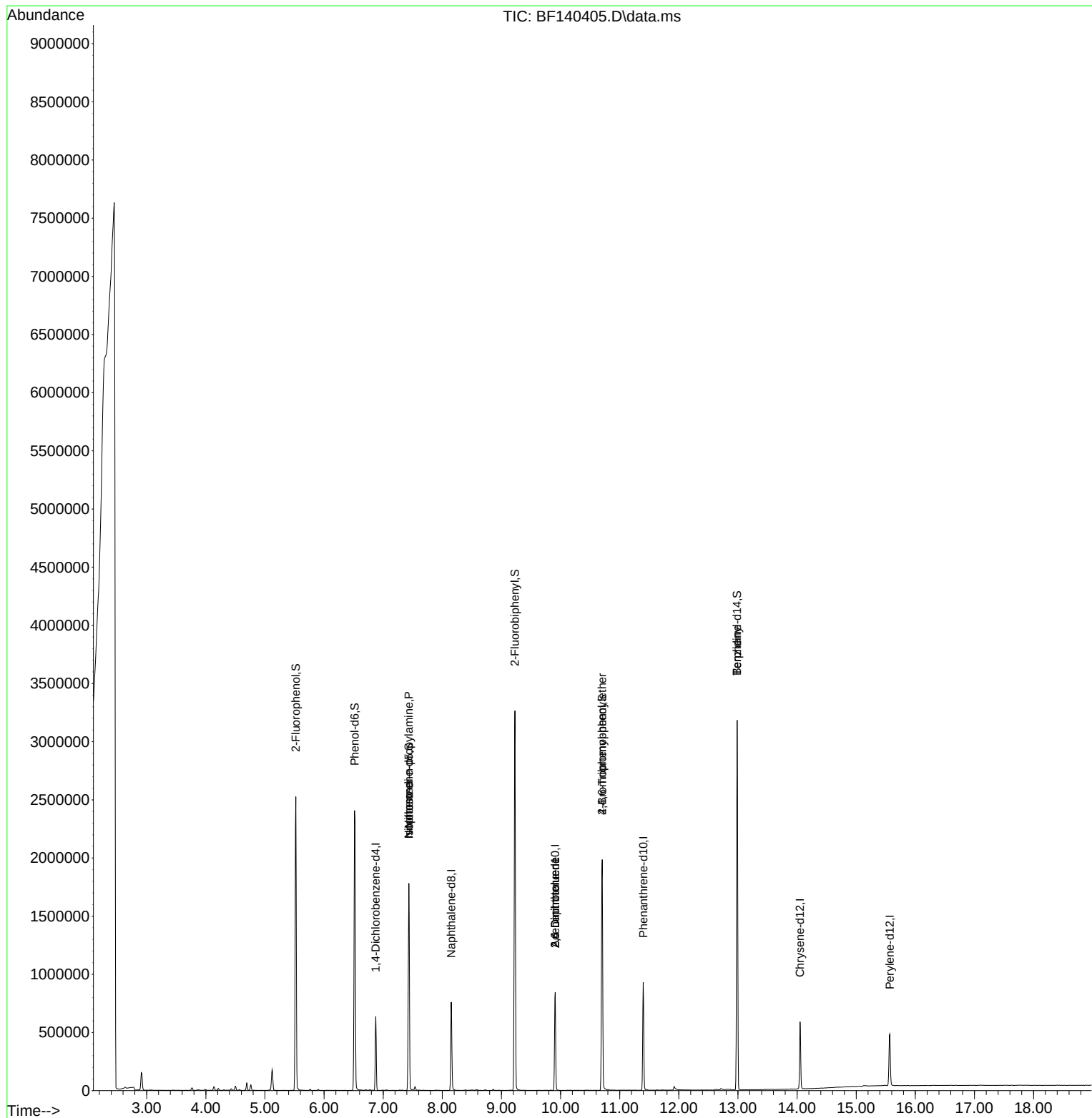
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130660	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	484036	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	266243	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	489759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	272466	20.000	ng	0.00
86) Perylene-d12	15.568	264	274318	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	955682	124.883	ng	0.03
7) Phenol-d6	6.516	99	1207309	116.445	ng	0.01
23) Nitrobenzene-d5	7.434	82	824209	88.720	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	356417	134.620	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1502012	90.690	ng	0.00
79) Terphenyl-d14	12.986	244	1557951	99.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	111650	17.830	ng	# 77
25) Isophorone	7.434	82	815845	49.551	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	34097	8.618	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	34097	6.548	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	22636	4.624	ng	# 1
77) Benzidine	12.986	184	21956	2.100	ng	# 92

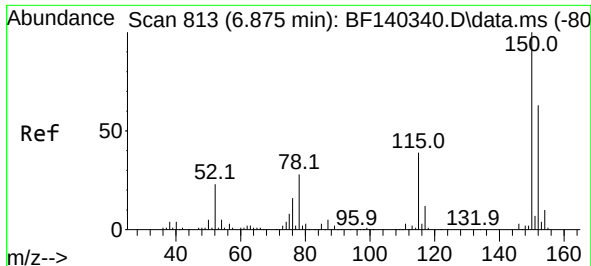
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
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Misc :
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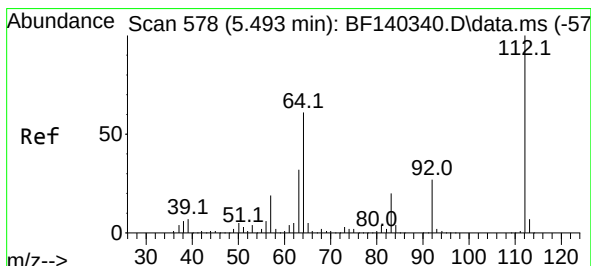
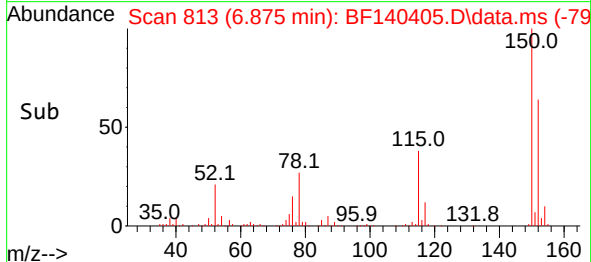
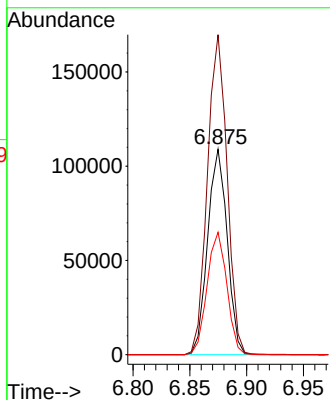
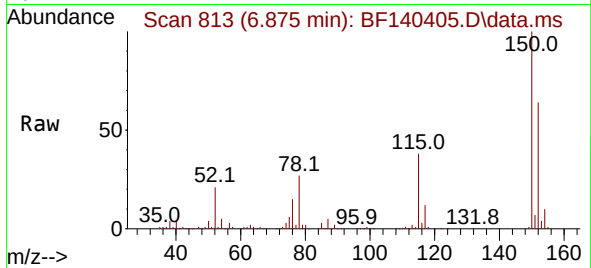




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

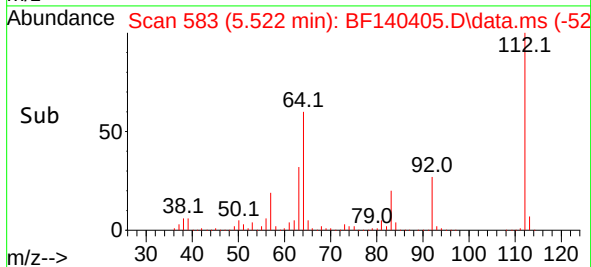
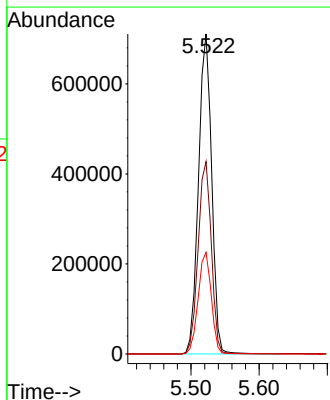
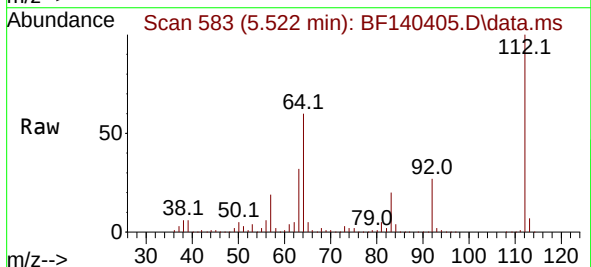
Instrument :
BNA_F
ClientSampleId :
TP-6

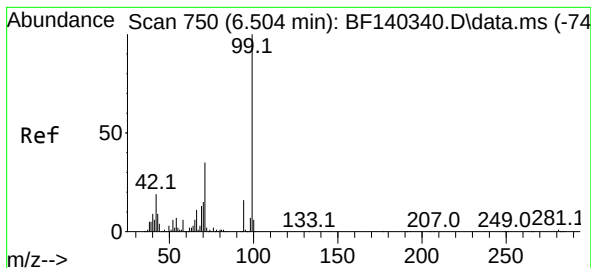
Tgt Ion:152 Resp: 130660
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 124.883 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion:112 Resp: 955682
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 31.8 25.6 38.4





#7

Phenol-d6

Concen: 116.445 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

Instrument :

BNA_F

ClientSampleId :

TP-6

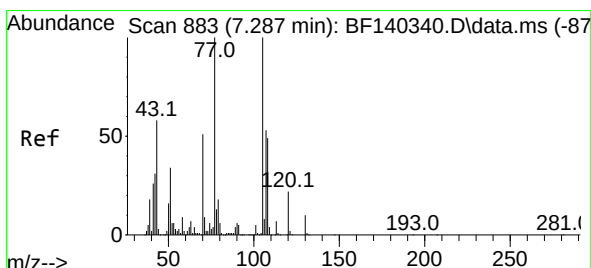
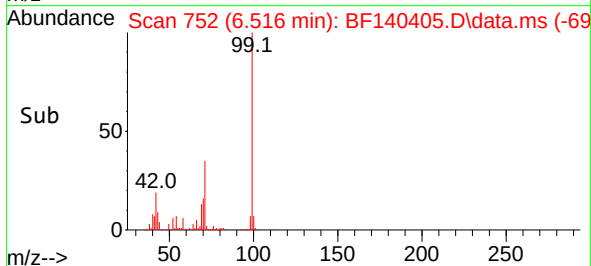
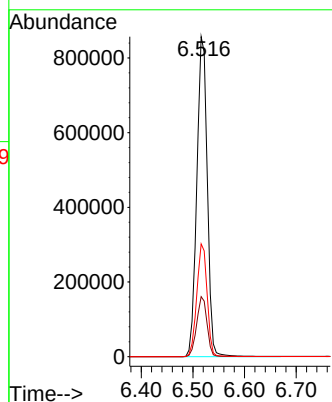
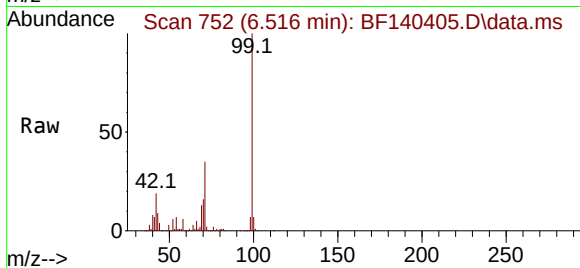
Tgt Ion: 99 Resp: 1207309

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.3 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.830 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.141 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

Tgt Ion: 70 Resp: 111650

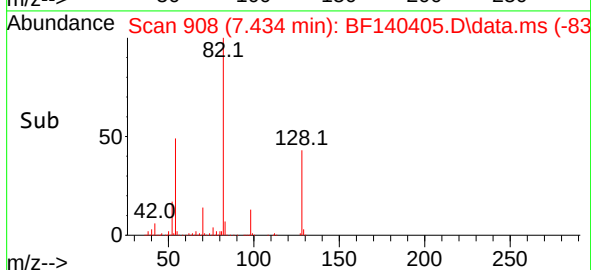
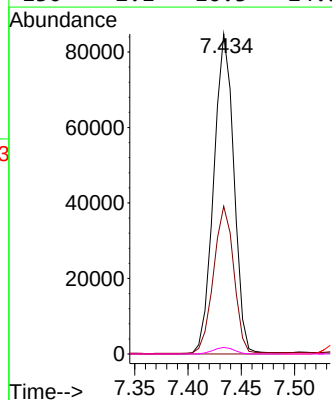
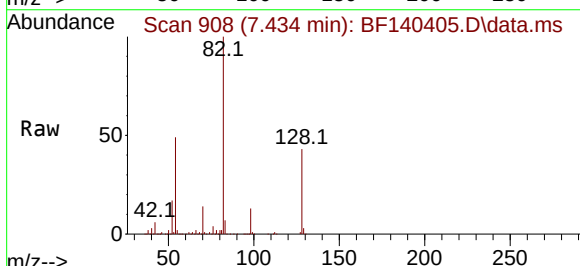
Ion Ratio Lower Upper

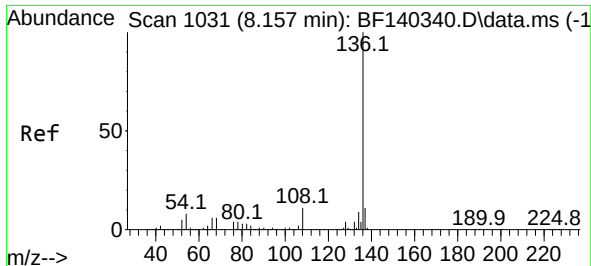
70 100

42 46.2 46.8 70.2#

101 0.0 7.5 11.3#

130 2.1 16.3 24.5#



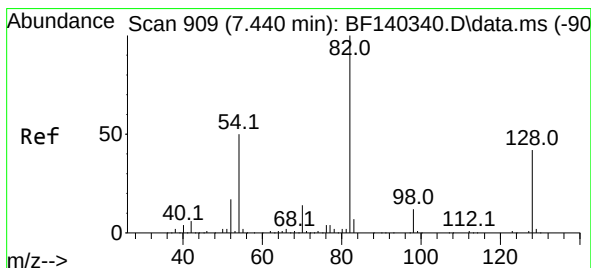
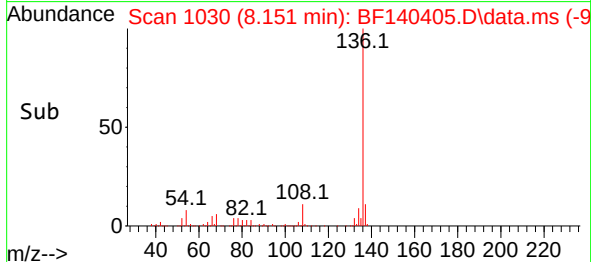
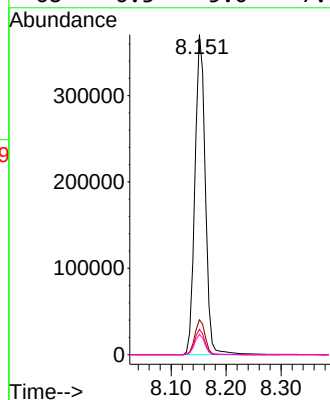
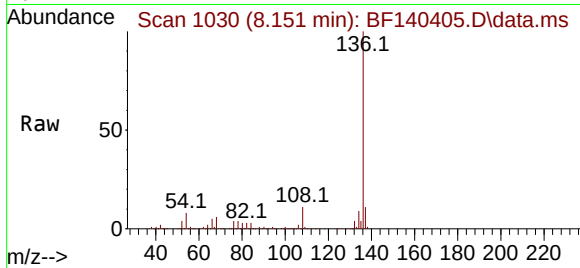


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 484036

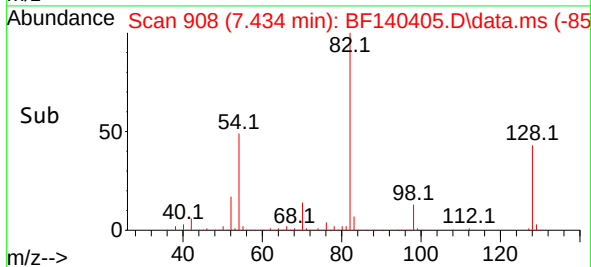
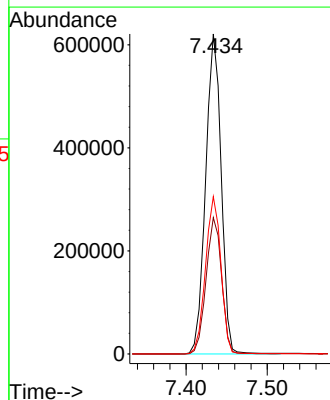
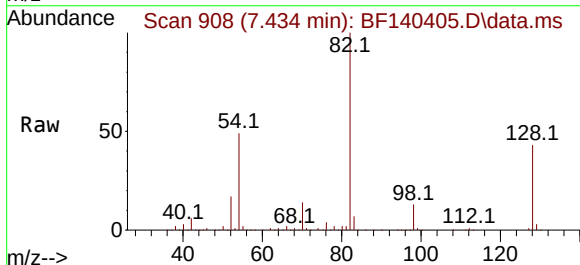
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.5	9.7
68	6.3	5.0	7.6

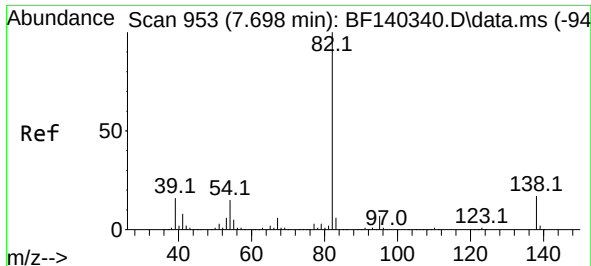


#23
Nitrobenzene-d5
Concen: 88.720 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion: 82 Resp: 824209

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	49.1	39.8	59.8

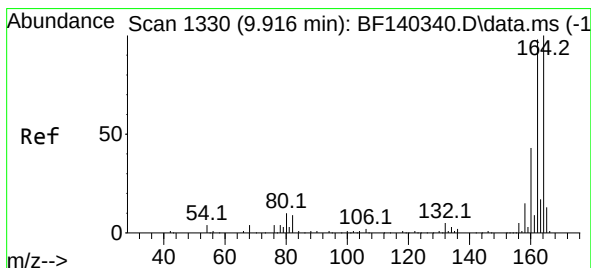
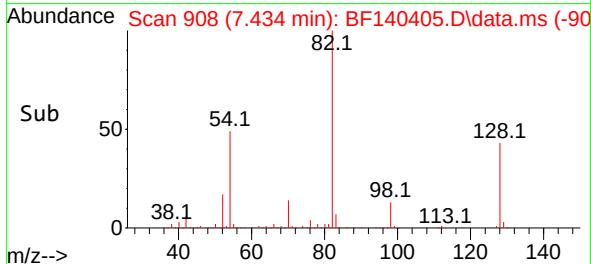
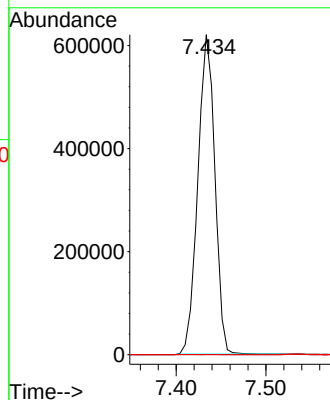
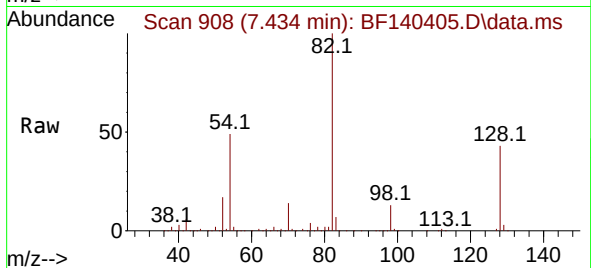




#25
Isophorone
Concen: 49.551 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

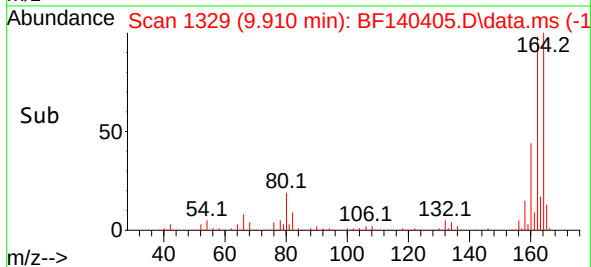
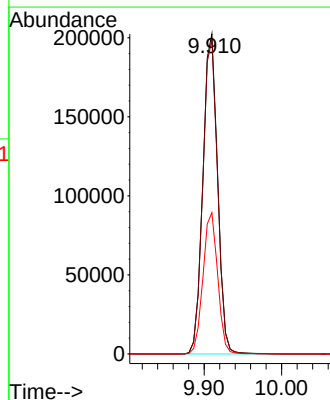
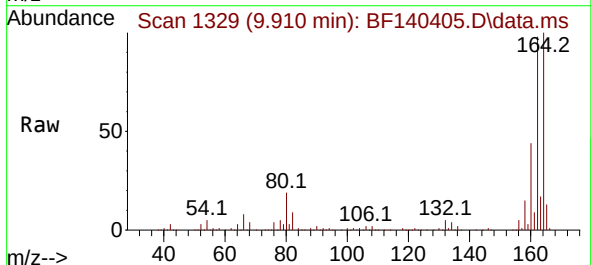
Instrument :
BNA_F
ClientSampleId :
TP-6

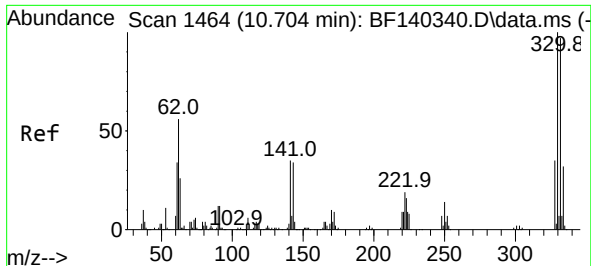
Tgt Ion: 82 Resp: 815845
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion: 164 Resp: 266243
Ion Ratio Lower Upper
164 100
162 98.1 79.8 119.8
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 134.620 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

Instrument :

BNA_F

ClientSampleId :

TP-6

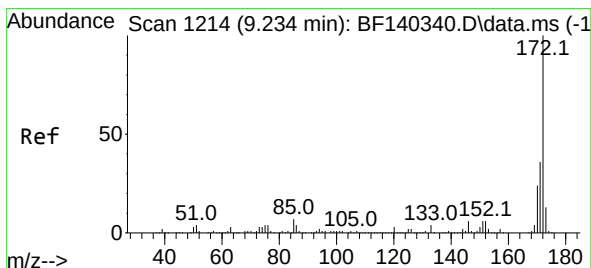
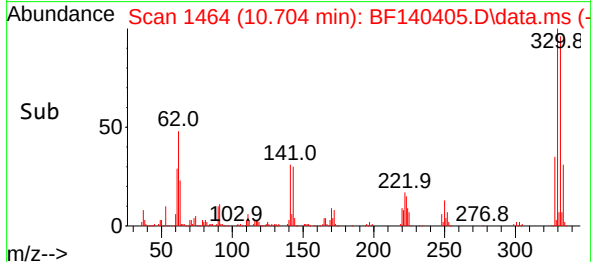
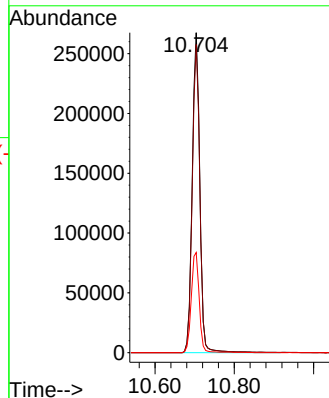
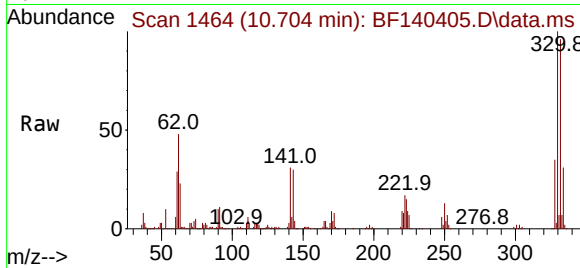
Tgt Ion:330 Resp: 356417

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 32.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 90.690 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

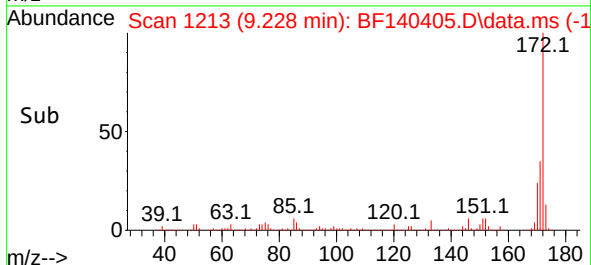
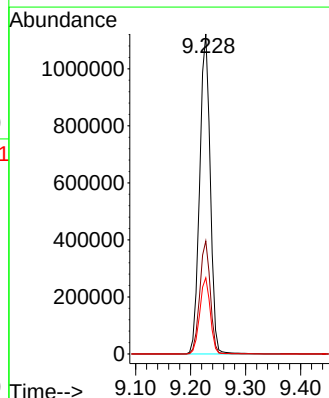
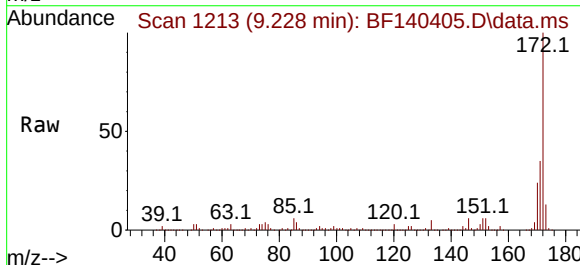
Tgt Ion:172 Resp: 1502012

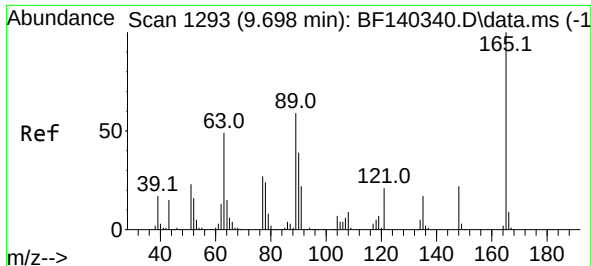
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.8 19.1 28.7

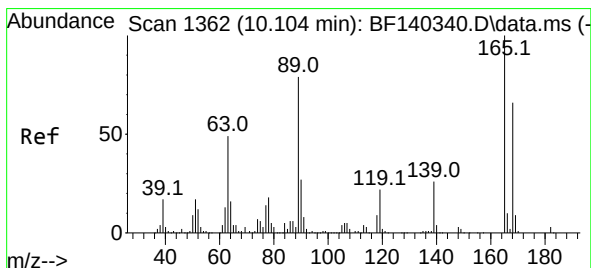
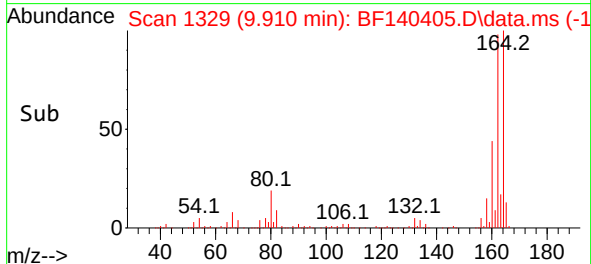
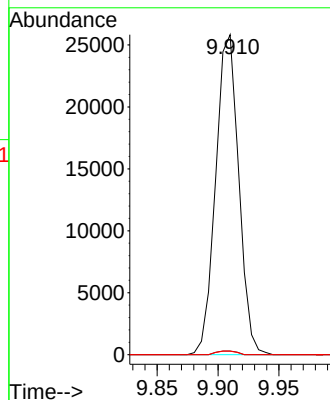
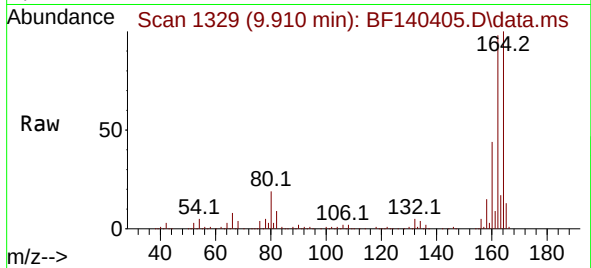




#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

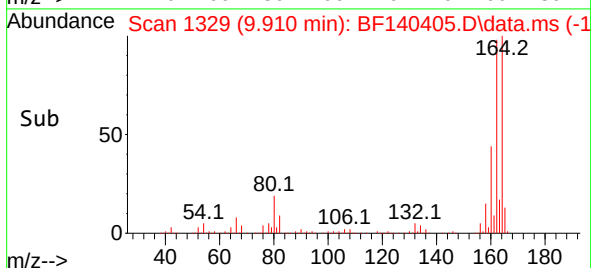
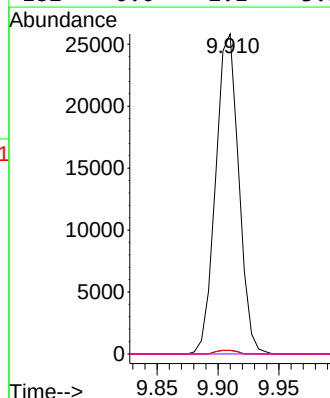
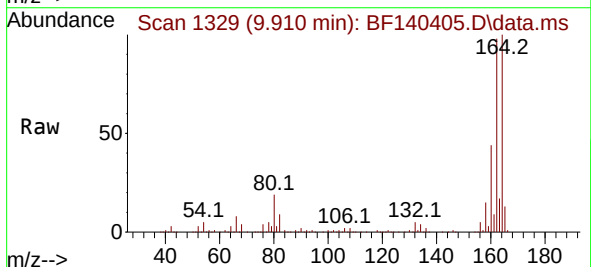
Instrument :
BNA_F
ClientSampleId :
TP-6

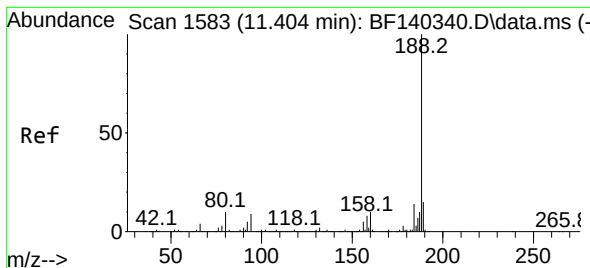
Tgt Ion:165 Resp: 34097
Ion Ratio Lower Upper
165 100
63 1.2 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.548 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion:165 Resp: 34097
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.0#
89 1.1 62.4 93.6#
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: BF140405.D

Acq: 15 Nov 2024 15:55

Instrument :

BNA_F

ClientSampleId :

TP-6

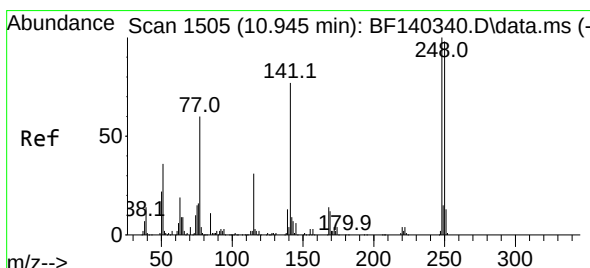
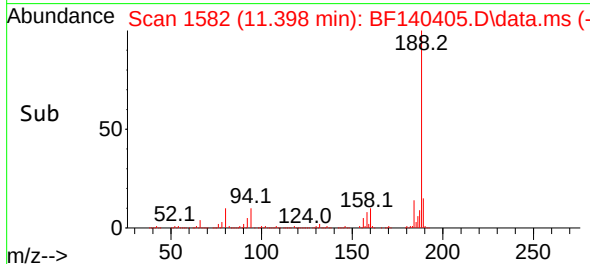
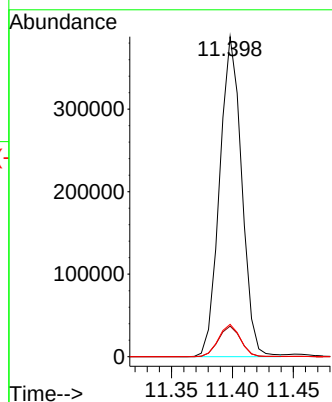
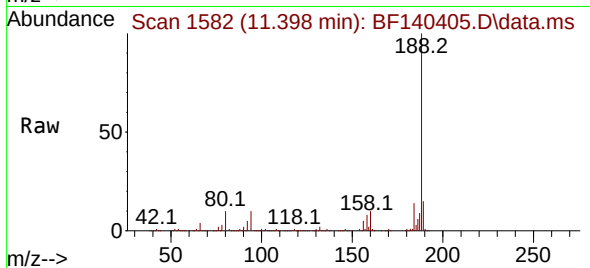
Tgt Ion:188 Resp: 489759

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.1 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.624 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

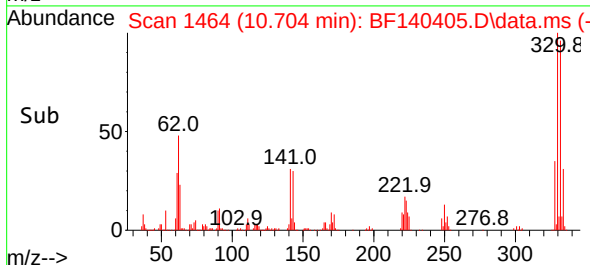
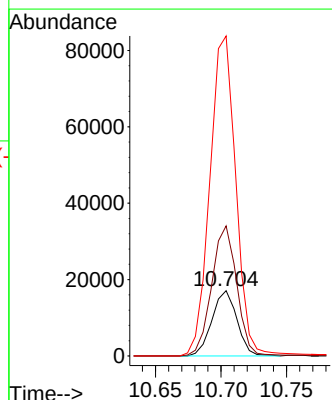
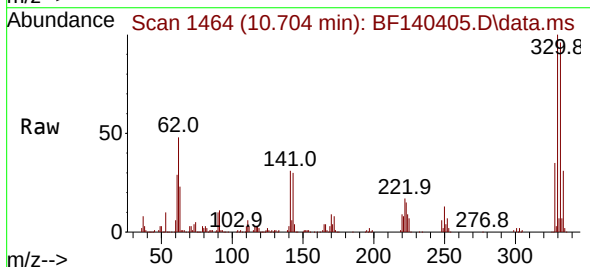
Tgt Ion:248 Resp: 22636

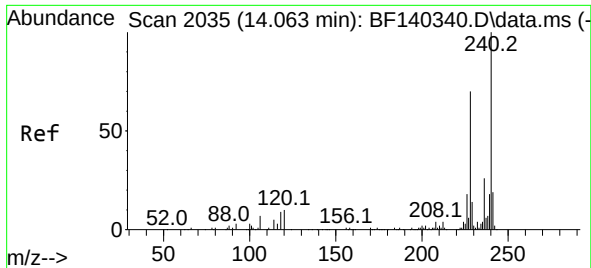
Ion Ratio Lower Upper

248 100

250 199.4 77.9 116.9#

141 490.6 61.8 92.6#

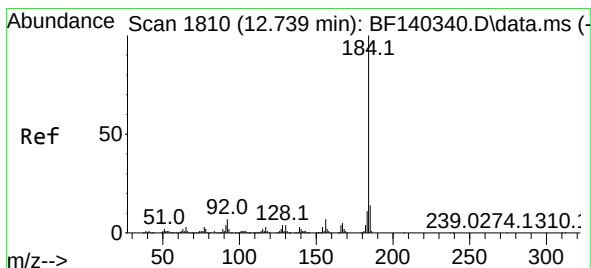
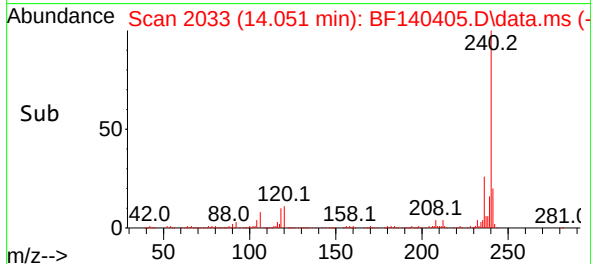
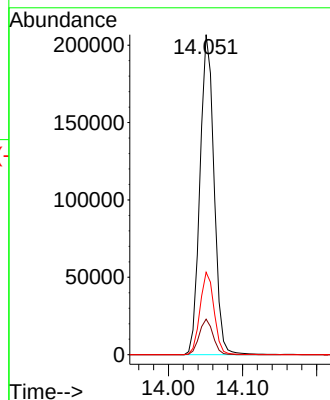
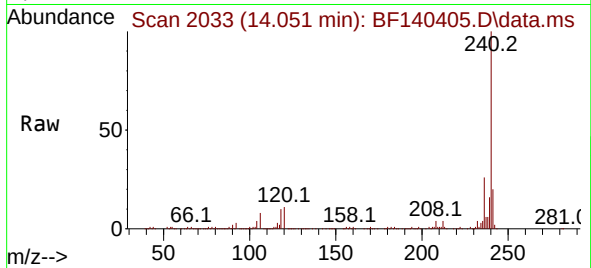




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

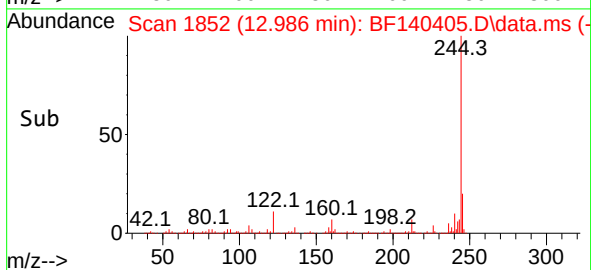
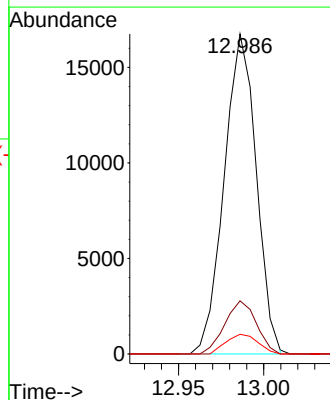
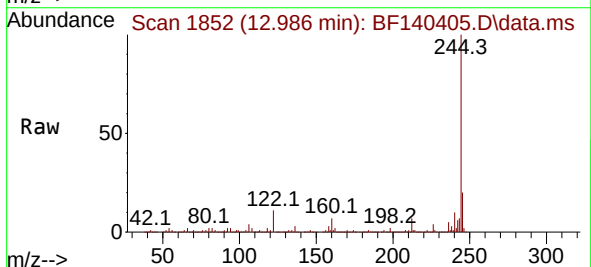
Instrument :
BNA_F
ClientSampleId :
TP-6

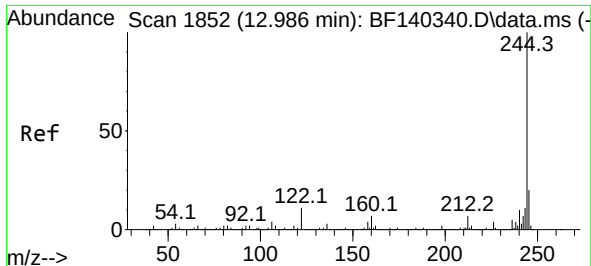
Tgt Ion:240 Resp: 272466
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.8 20.9 31.3



#77
Benzidine
Concen: 2.100 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion:184 Resp: 21956
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 6.1 8.6 13.0#

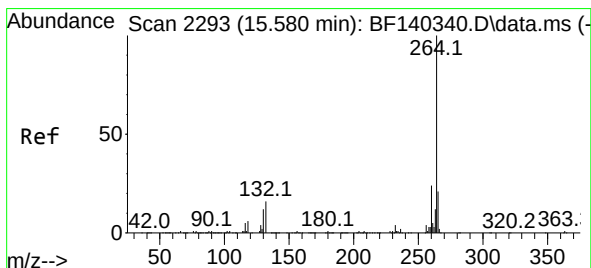
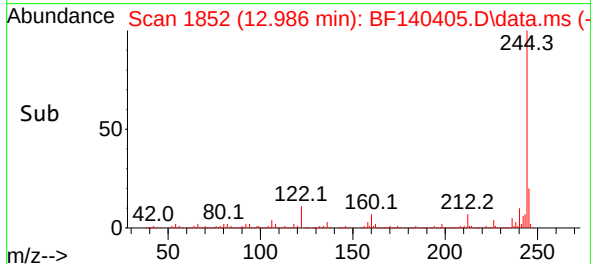
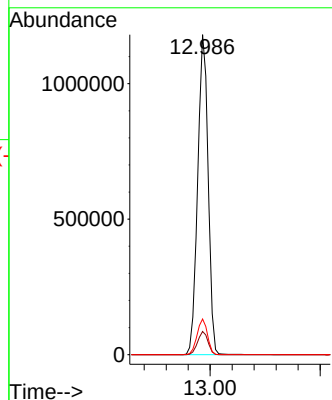
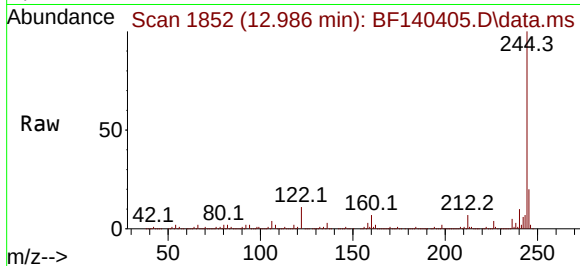




#79
 Terphenyl-d14
 Concen: 99.252 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140405.D
 Acq: 15 Nov 2024 15:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1557951
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF140405.D
 Acq: 15 Nov 2024 15:55

Tgt Ion:264 Resp: 274318
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.1 25.7

