

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138041.D
 Acq On : 28 May 2024 12:13
 Operator : CG\JU
 Sample : P2612-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1486

Quant Time: May 28 13:05:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

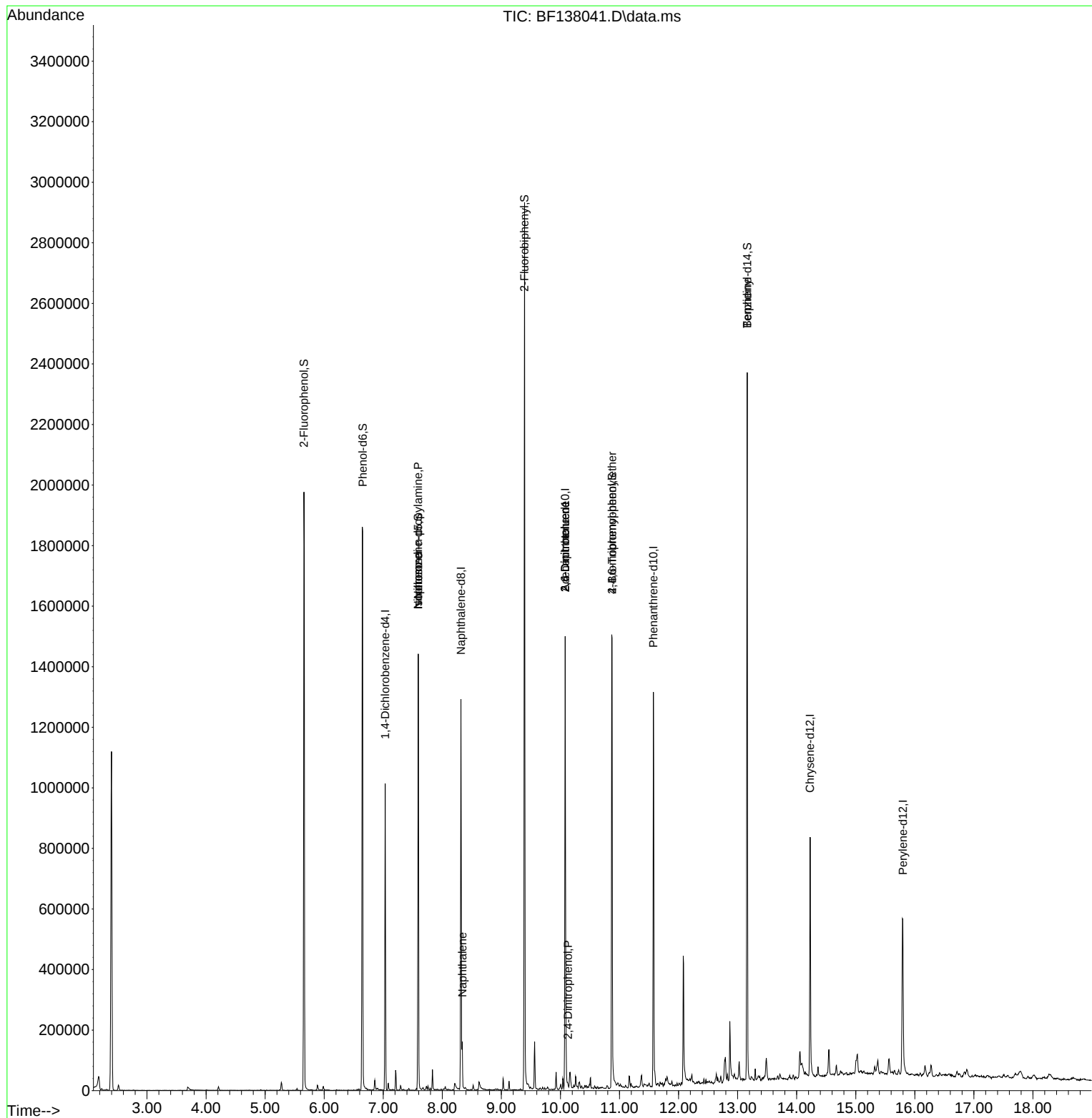
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	138950	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	545351	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	301838	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	489217	20.000	ng	0.00
76) Chrysene-d12	14.227	240	262132	20.000	ng	0.00
86) Perylene-d12	15.798	264	263857	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	584892	71.502	ng	0.00
7) Phenol-d6	6.651	99	727211	72.169	ng	0.00
23) Nitrobenzene-d5	7.592	82	431637	46.579	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	223624	73.478	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	865542	44.172	ng	0.00
79) Terphenyl-d14	13.163	244	783488	44.051	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	55841	9.864	ng	# 74
25) Isophorone	7.592	82	431695	26.842	ng	# 64
31) Naphthalene	8.339	128	62643	2.285	ng	# 98
51) 2,6-Dinitrotoluene	10.080	165	40076	9.225	ng	# 29
54) 2,4-Dinitrophenol	10.127	184	179	7.037	ng	# 14
57) 2,4-Dinitrotoluene	10.080	165	40244	7.166	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	14197	2.647	ng	# 1
77) Benzidine	13.163	184	9227	2.693	ng	# 92

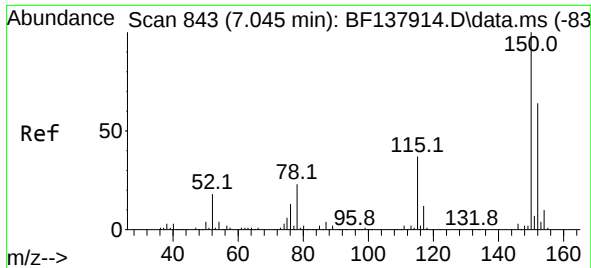
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138041.D
Acq On : 28 May 2024 12:13
Operator : CG\JU
Sample : P2612-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT1486

Quant Time: May 28 13:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

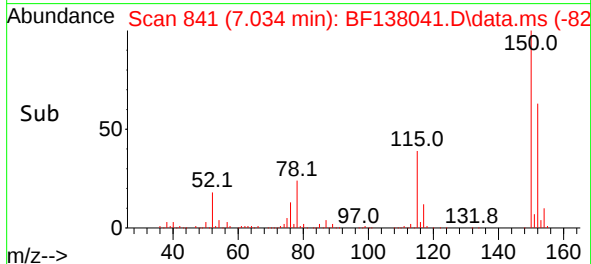
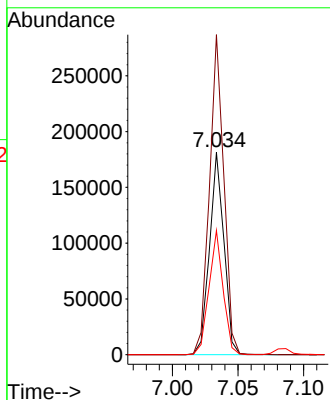
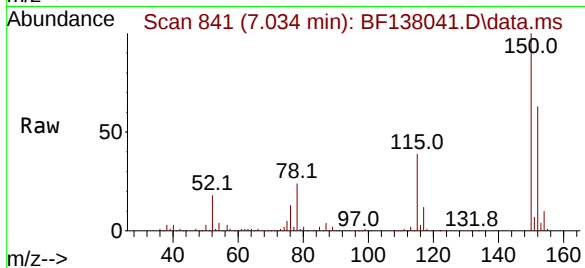




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

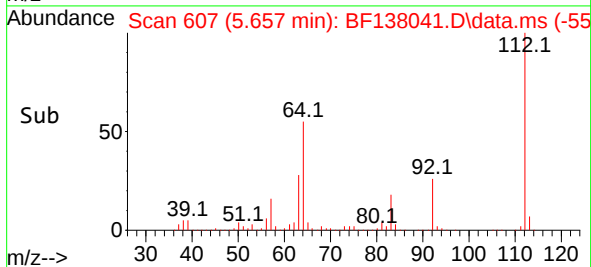
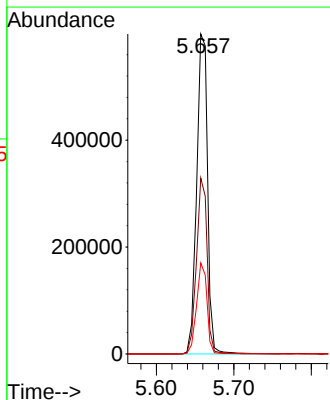
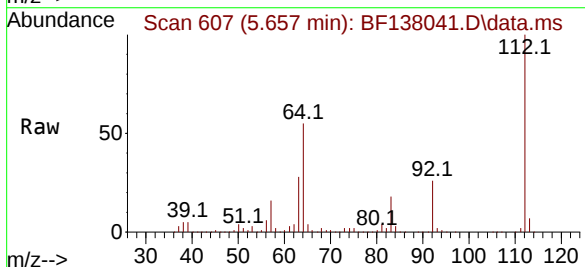
Instrument :
BNA_F
ClientSampleId :
RT1486

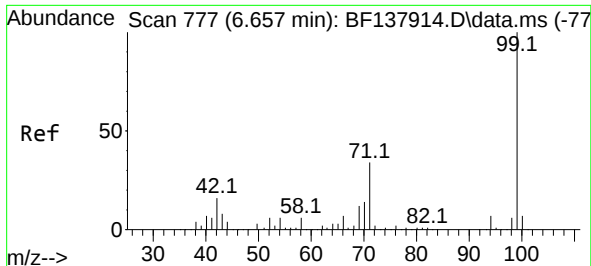
Tgt Ion:152 Resp: 138950
Ion Ratio Lower Upper
152 100
150 158.2 125.7 188.5
115 61.4 47.0 70.6



#5
2-Fluorophenol
Concen: 71.502 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:112 Resp: 584892
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.5 21.4 32.2

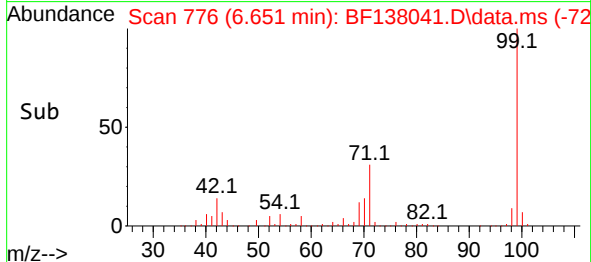
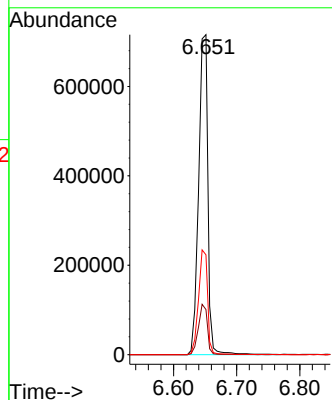
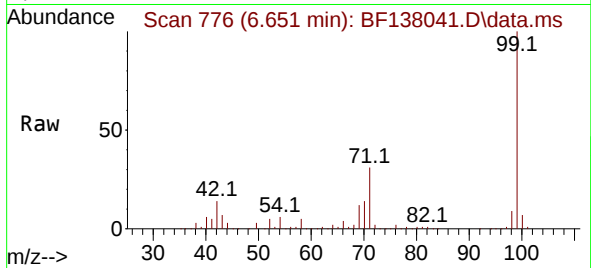




#7
Phenol-d6
Concen: 72.169 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

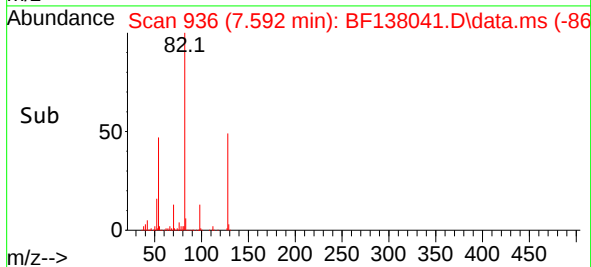
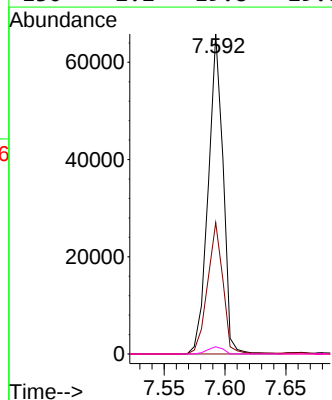
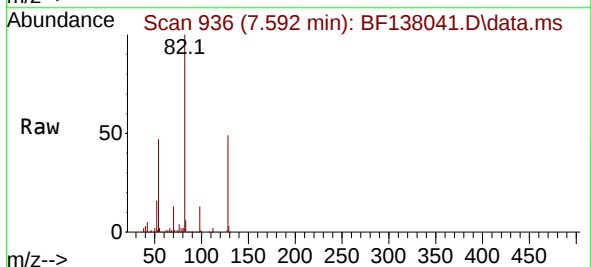
Instrument :
BNA_F
ClientSampleId :
RT1486

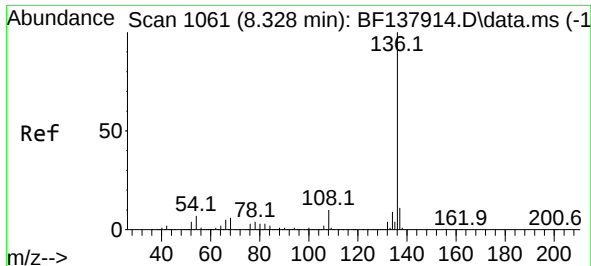
Tgt Ion: 99 Resp: 727211
Ion Ratio Lower Upper
99 100
42 14.1 12.6 18.8
71 31.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.864 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion: 70 Resp: 55841
Ion Ratio Lower Upper
70 100
42 41.0 42.2 63.4#
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



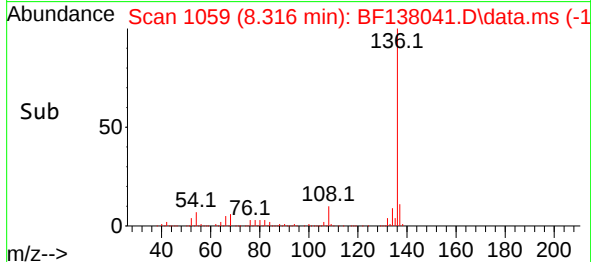
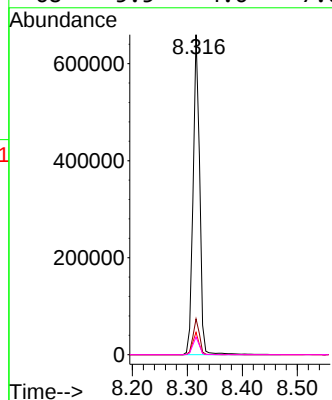
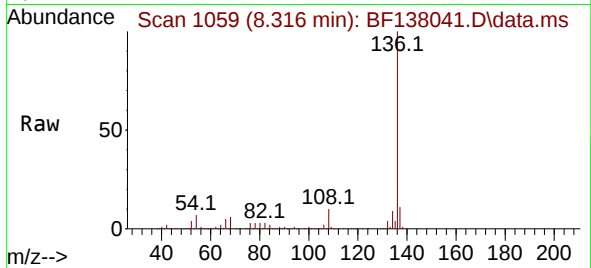


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Instrument :
BNA_F
ClientSampleId :
RT1486

Tgt Ion:136 Resp: 545351

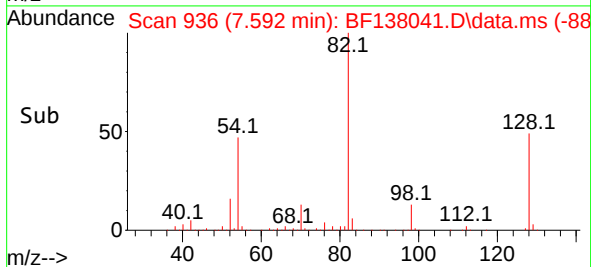
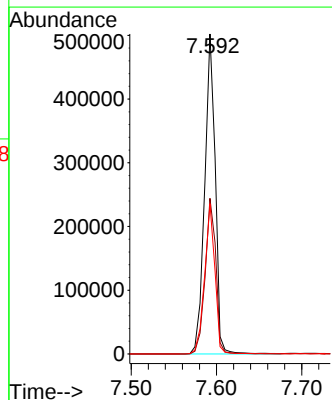
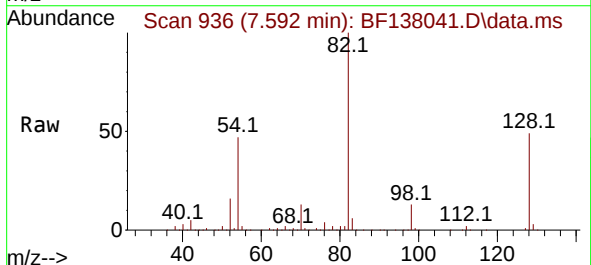
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.0	5.4	8.2
68	5.5	4.6	7.0



#23
Nitrobenzene-d5
Concen: 46.579 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion: 82 Resp: 431637

Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.3	60.5
54	47.0	36.8	55.2

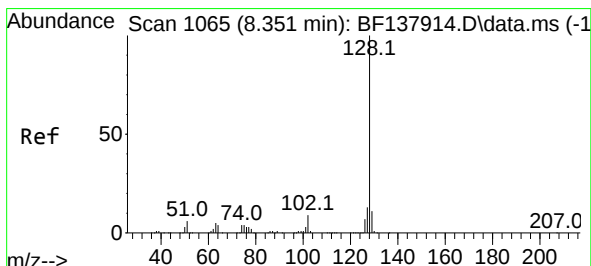
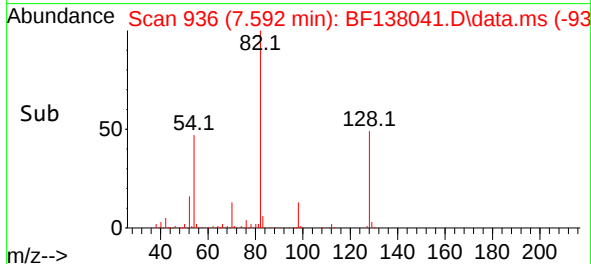
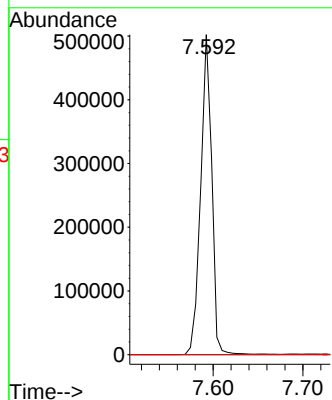
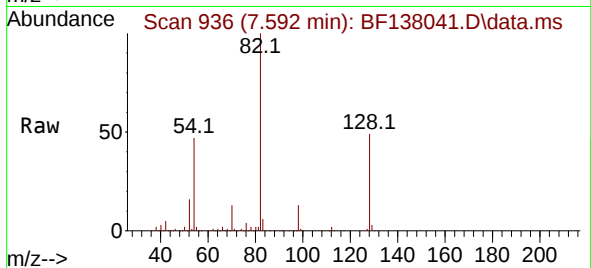




#25
Isophorone
Concen: 26.842 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

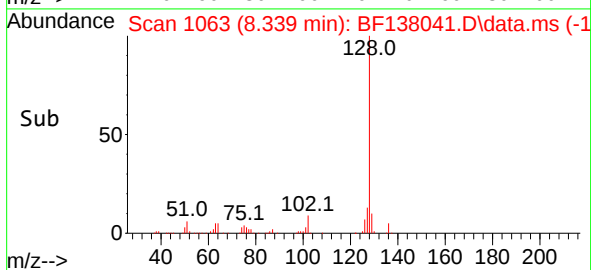
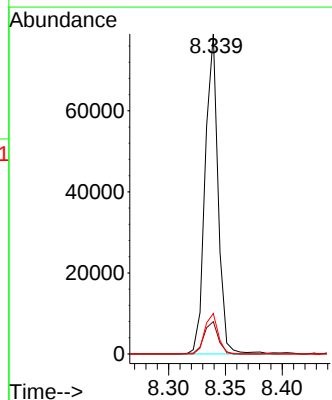
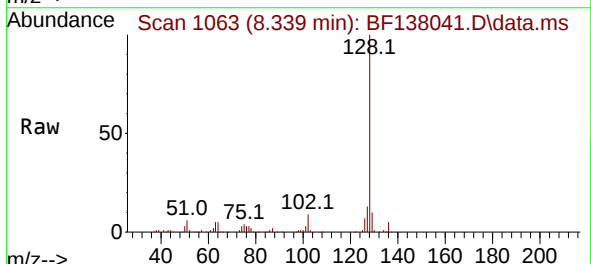
Instrument :
BNA_F
ClientSampleId :
RT1486

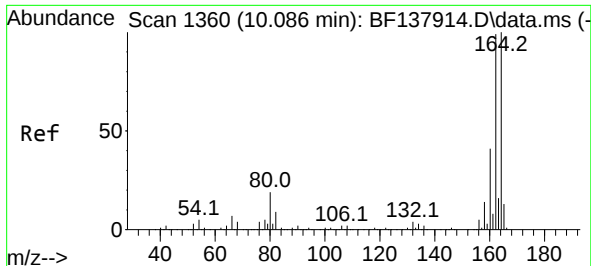
Tgt Ion: 82 Resp: 431695
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#31
Naphthalene
Concen: 2.285 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion: 128 Resp: 62643
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 12.6 10.6 16.0

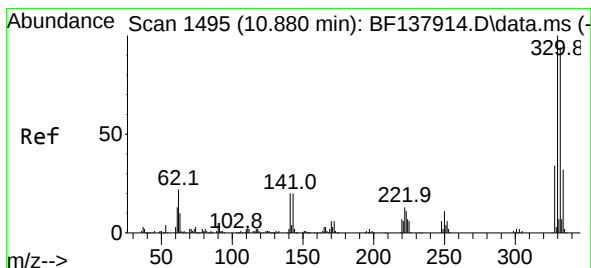
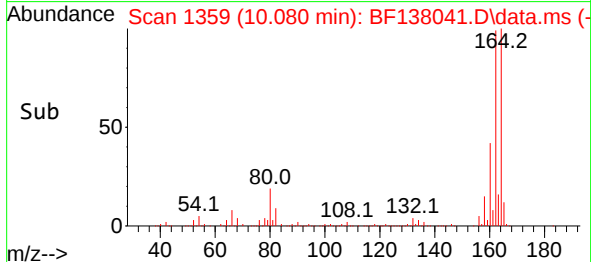
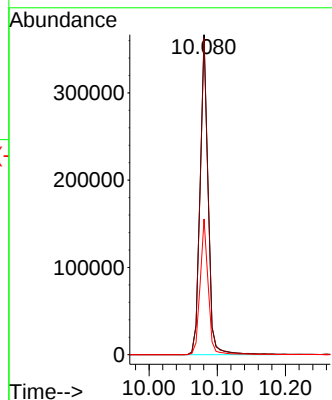
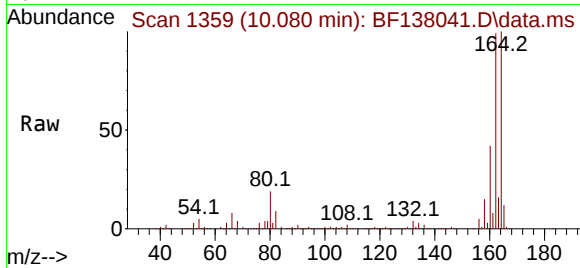




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

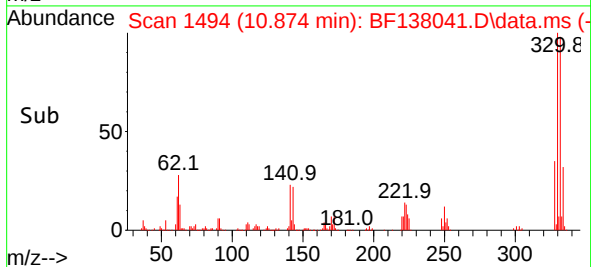
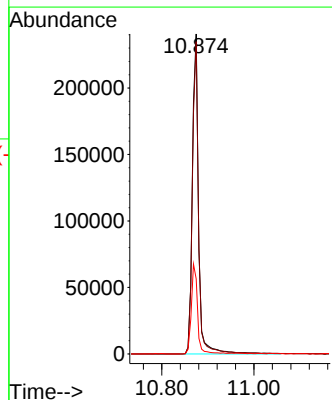
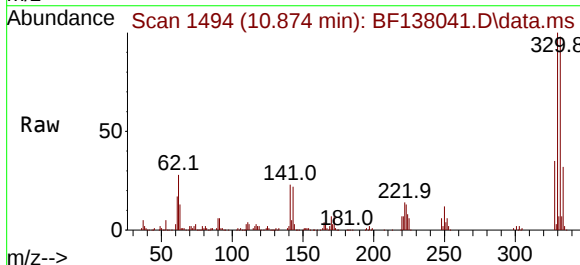
Instrument :
BNA_F
ClientSampleId :
RT1486

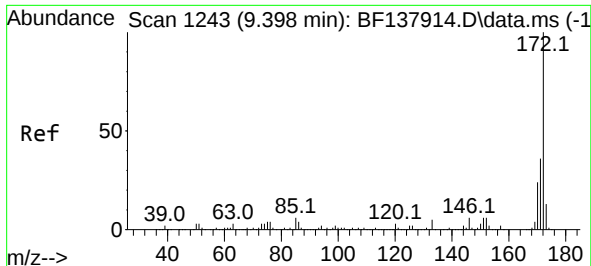
Tgt Ion:164 Resp: 301838
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.2
160 42.4 33.1 49.7



#42
2,4,6-Tribromophenol
Concen: 73.478 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:330 Resp: 223624
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.8
141 28.3 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 44.172 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RT1486

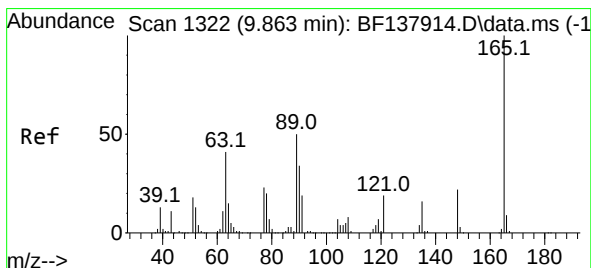
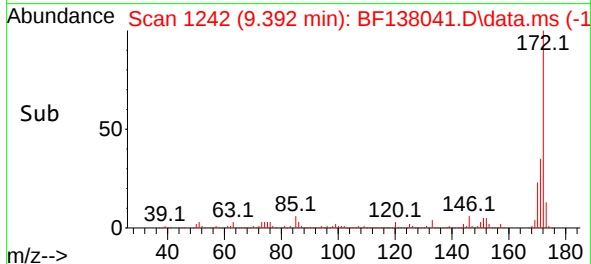
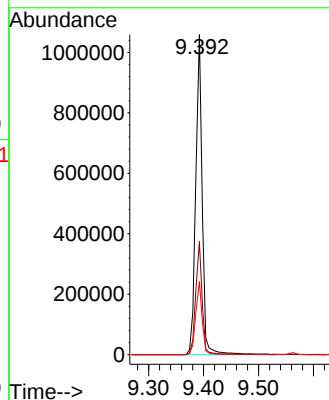
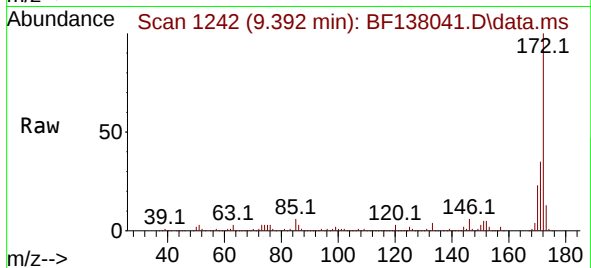
Tgt Ion:172 Resp: 865542

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 22.9 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 9.225 ng

RT: 10.080 min Scan# 1359

Delta R.T. 0.218 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

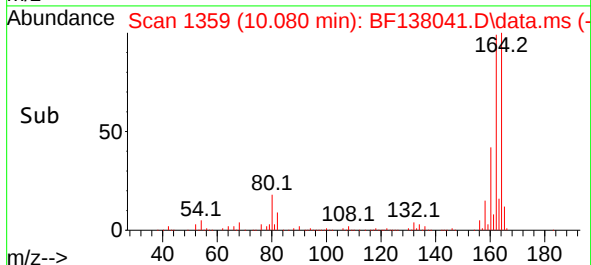
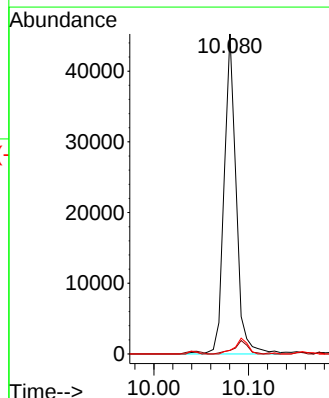
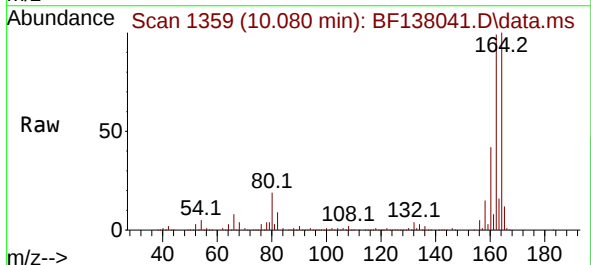
Tgt Ion:165 Resp: 40076

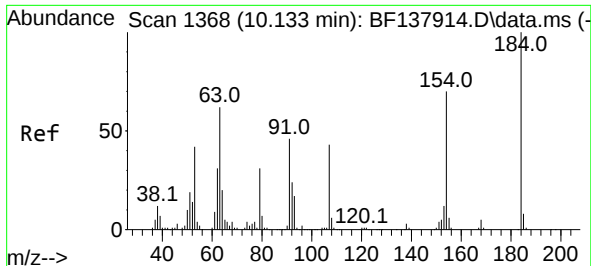
Ion Ratio Lower Upper

165 100

63 1.1 38.9 58.3#

89 1.1 40.4 60.6#

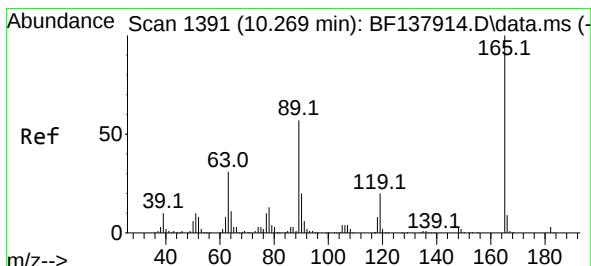
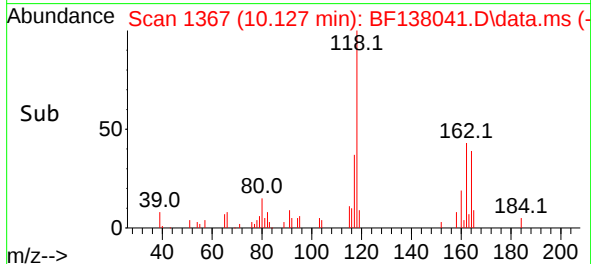
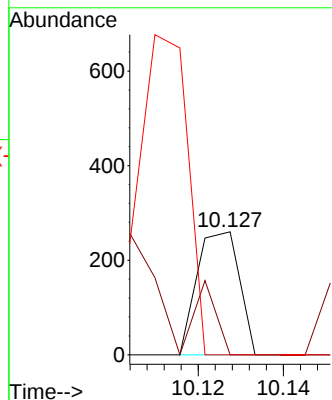
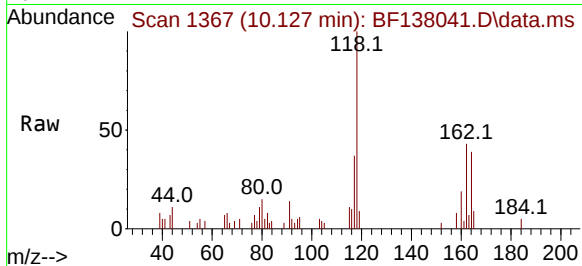




#54
2,4-Dinitrophenol
Concen: 7.037 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

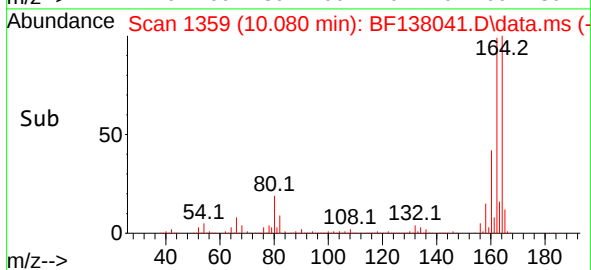
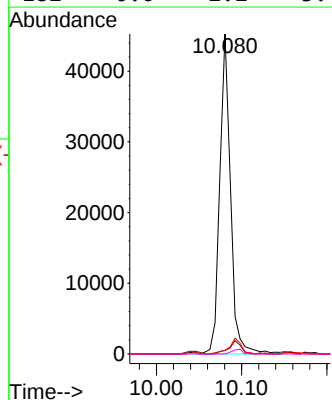
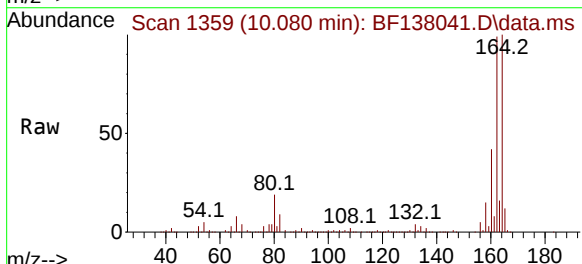
Instrument :
BNA_F
ClientSampleId :
RT1486

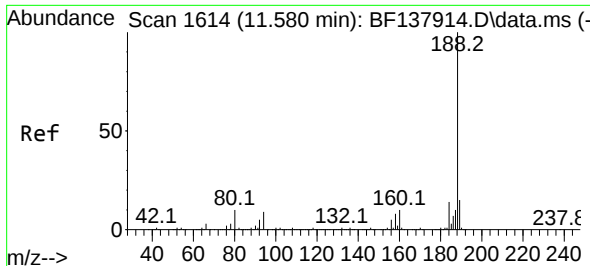
Tgt Ion:184 Resp: 179
Ion Ratio Lower Upper
184 100
63 0.0 50.4 75.6#
154 0.0 63.7 95.5#



#57
2,4-Dinitrotoluene
Concen: 7.166 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:165 Resp: 40244
Ion Ratio Lower Upper
165 100
63 1.1 25.3 37.9#
89 1.1 45.9 68.9#
182 0.0 2.2 3.4#

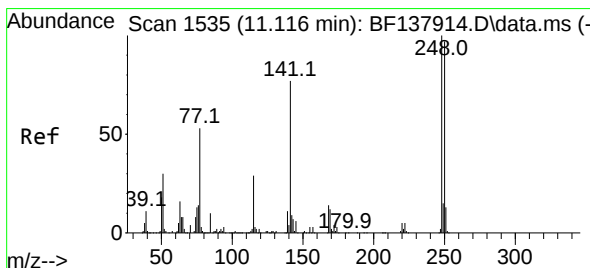
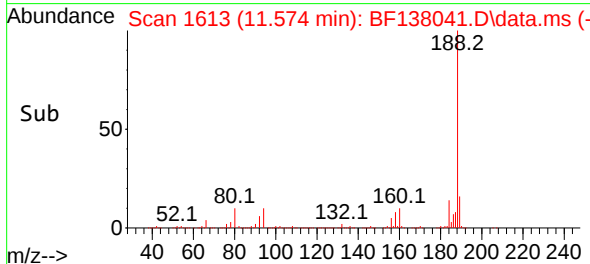
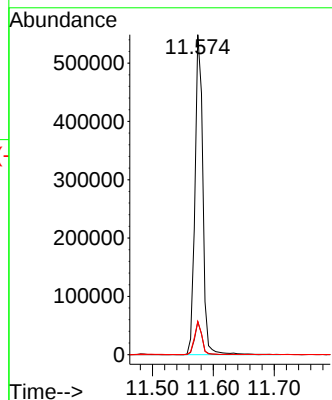
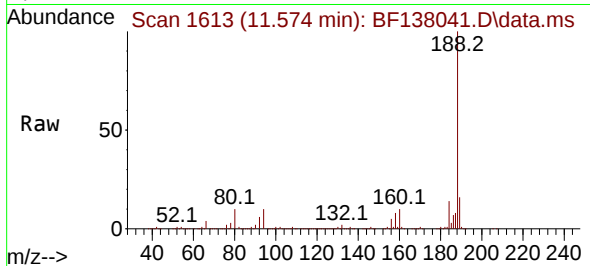




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

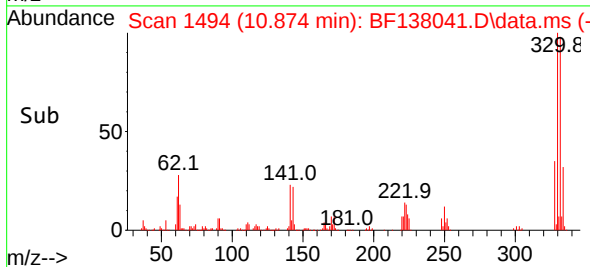
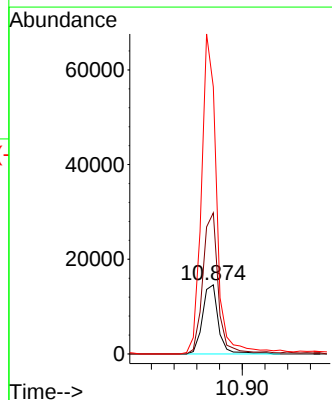
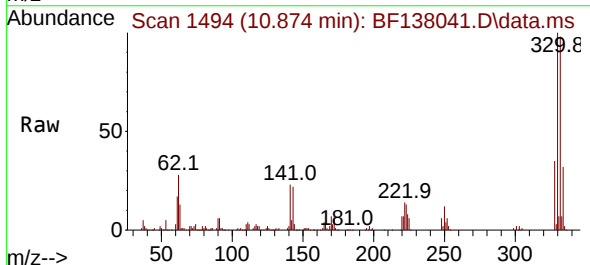
Instrument :
BNA_F
ClientSampleId :
RT1486

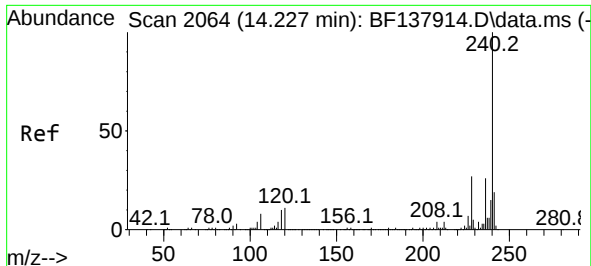
Tgt Ion:188 Resp: 489217
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 10.4 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.647 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:248 Resp: 14197
Ion Ratio Lower Upper
248 100
250 204.3 77.6 116.4#
141 386.4 61.4 92.2#

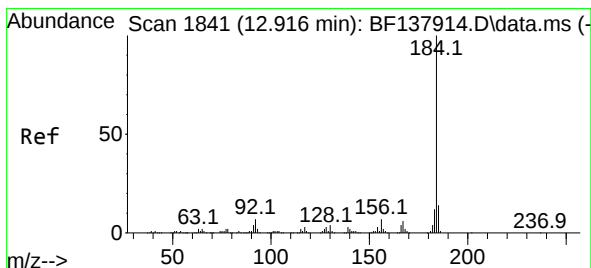
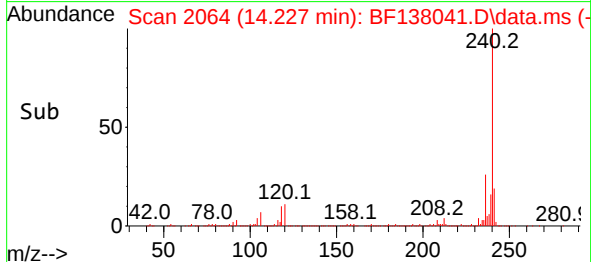
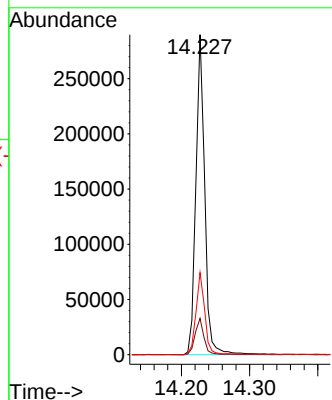
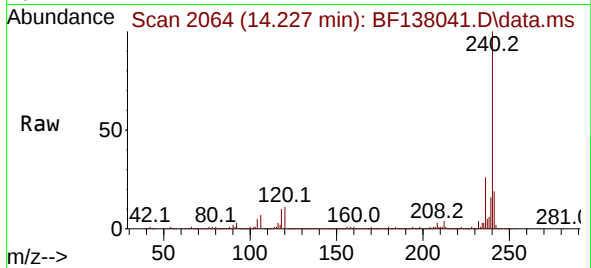




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

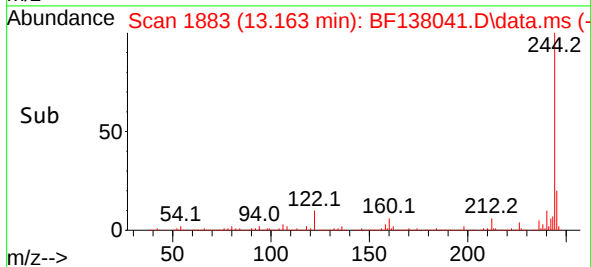
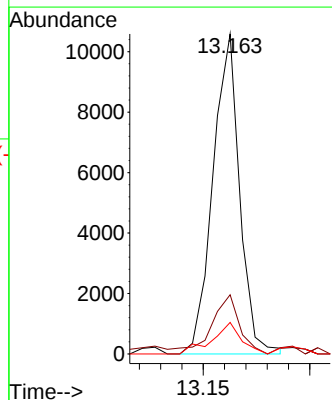
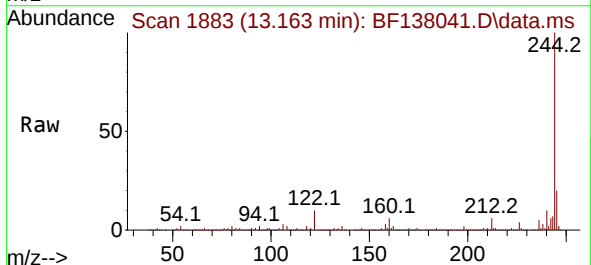
Instrument :
BNA_F
ClientSampleId :
RT1486

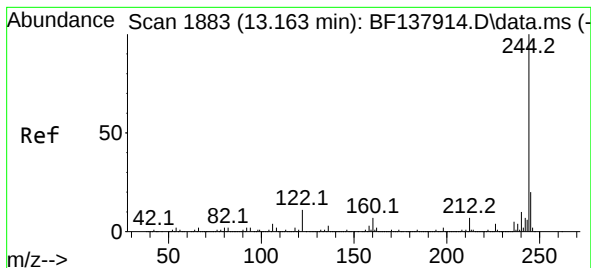
Tgt Ion:240 Resp: 262132
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.6 21.0 31.4



#77
Benzidine
Concen: 2.693 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF138041.D
Acq: 28 May 2024 12:13

Tgt Ion:184 Resp: 9227
Ion Ratio Lower Upper
184 100
185 18.5 11.4 17.2#
183 9.8 9.5 14.3





#79

Terphenyl-d14

Concen: 44.051 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RT1486

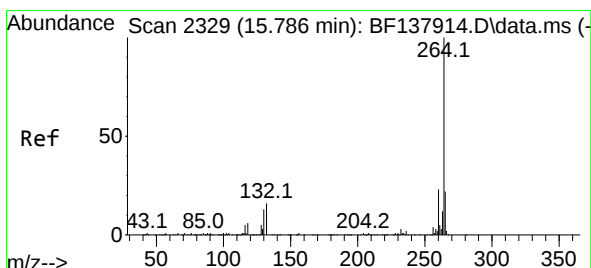
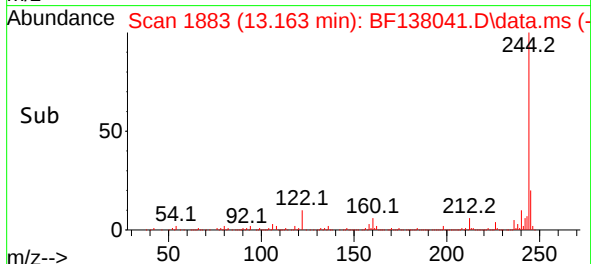
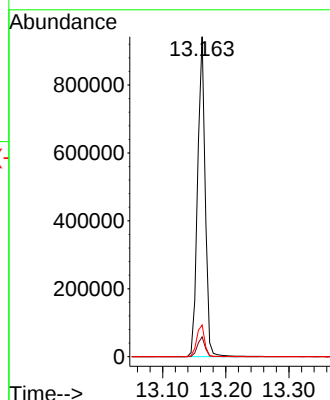
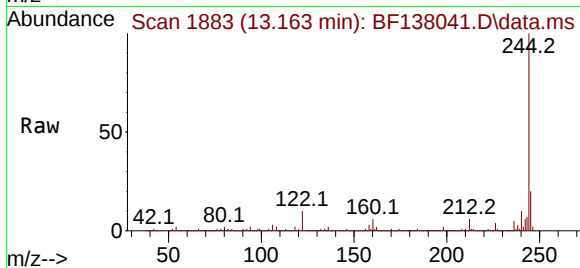
Tgt Ion:244 Resp: 783488

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 9.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138041.D

Acq: 28 May 2024 12:13

Tgt Ion:264 Resp: 263857

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.1 17.6 26.4

