

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132290.D
 Acq On : 02 Feb 2023 13:54
 Operator : CG\JU
 Sample : 01358-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-2-012723

Quant Time: Feb 03 00:21:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

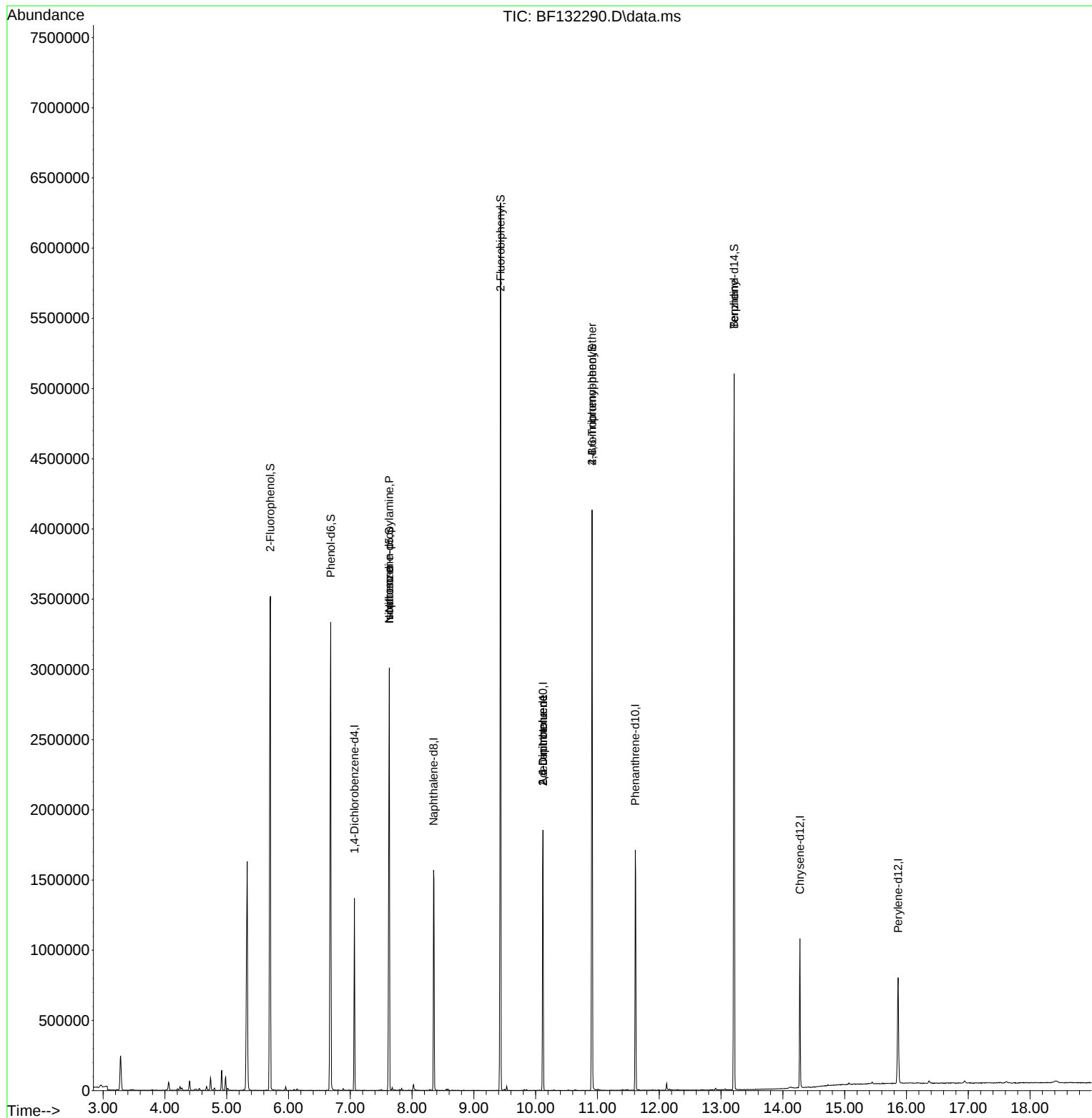
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	189478	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	732396	20.000	ng	-0.01
39) Acenaphthene-d10	10.119	164	370114	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	641804	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	324270	20.000	ng	-0.01
86) Perylene-d12	15.866	264	361402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1321588	112.114	ng	0.02
7) Phenol-d6	6.684	99	1509902	103.896	ng	0.00
23) Nitrobenzene-d5	7.631	82	1081439	82.167	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	530498	139.381	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1882578	78.548	ng	0.00
79) Terphenyl-d14	13.213	244	1796251	107.154	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.619	77	170	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.631	70	134745	16.323	ng	# 79
25) Isophorone	7.631	82	1081424	43.291	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	48350	8.362	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	48350	6.437	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	30438	4.631	ng	# 1
77) Benizidine	13.213	184	28382	2.504	ng	# 93

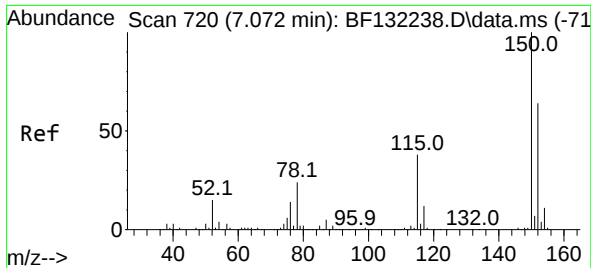
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
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BNA_F
ClientSampleId :
DR-2-012723

Quant Time: Feb 03 00:21:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

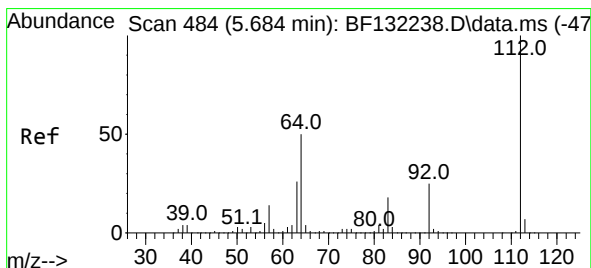
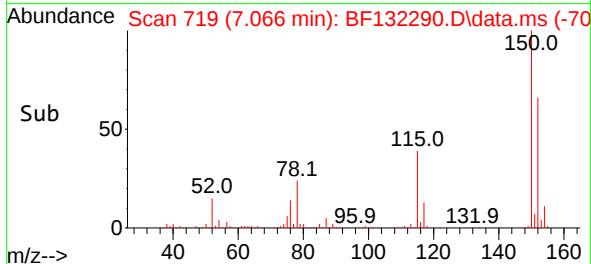
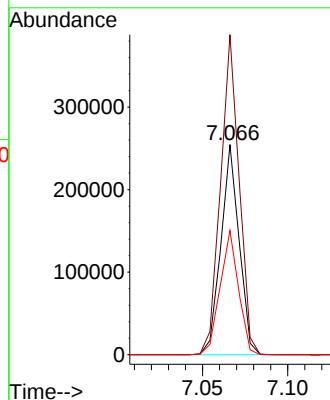
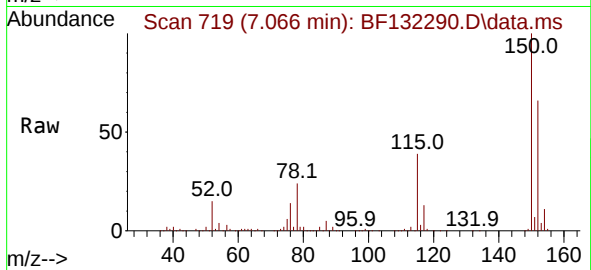




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

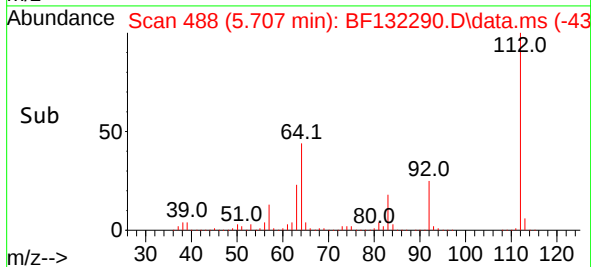
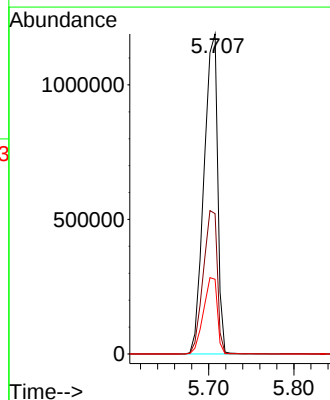
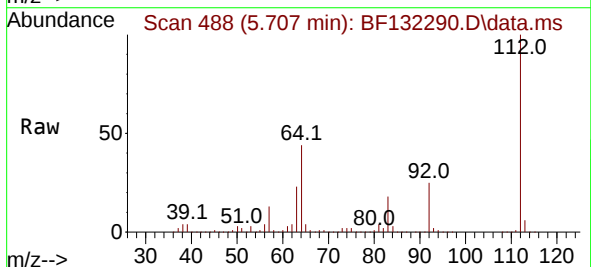
Instrument :
BNA_F
ClientSampleId :
DR-2-012723

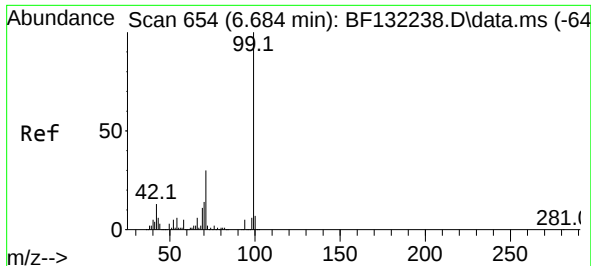
Tgt Ion:152 Resp: 189478
Ion Ratio Lower Upper
152 100
150 152.3 124.2 186.2
115 59.1 47.3 70.9



#5
2-Fluorophenol
Concen: 112.114 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.023 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Tgt Ion:112 Resp: 1321588
Ion Ratio Lower Upper
112 100
64 43.9 40.0 60.0
63 23.4 20.5 30.7

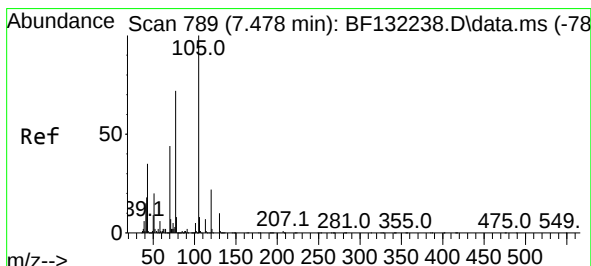
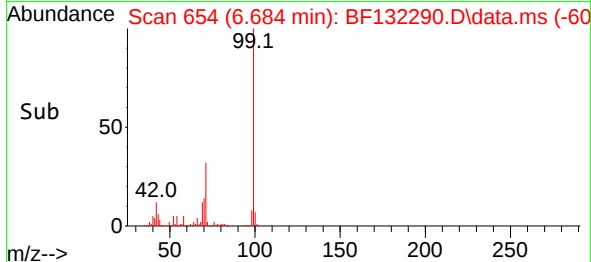
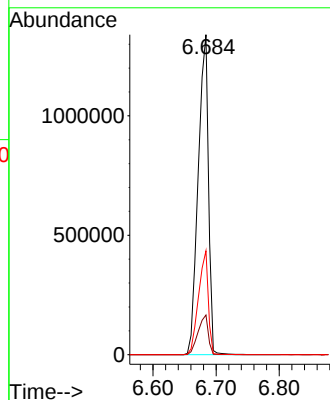
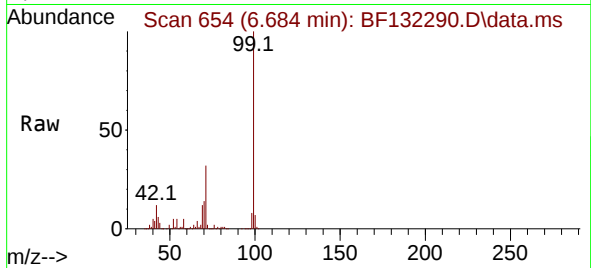




#7
Phenol-d6
Concen: 103.896 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

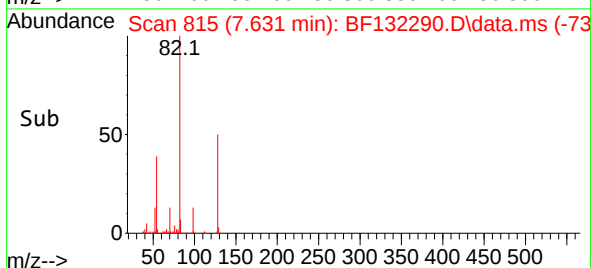
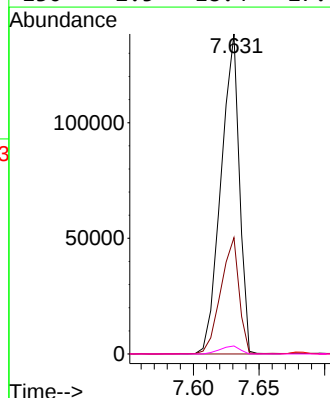
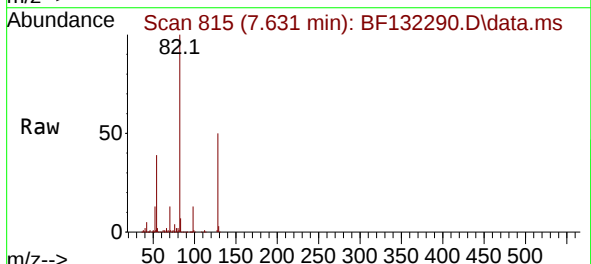
Instrument :
BNA_F
ClientSampleId :
DR-2-012723

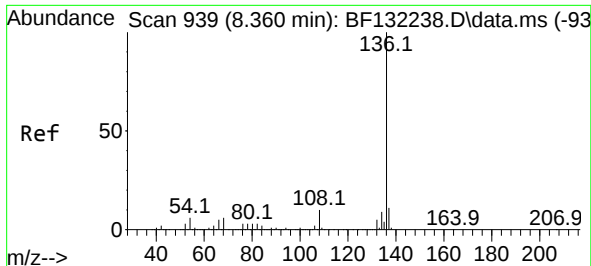
Tgt Ion: 99 Resp: 1509902
Ion Ratio Lower Upper
99 100
42 12.4 10.1 15.1
71 32.4 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.323 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Tgt Ion: 70 Resp: 134745
Ion Ratio Lower Upper
70 100
42 36.3 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#



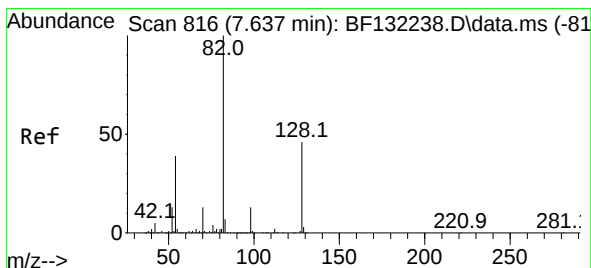
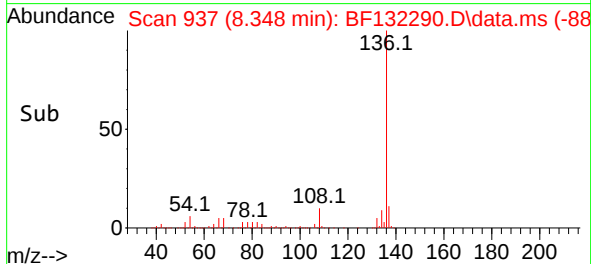
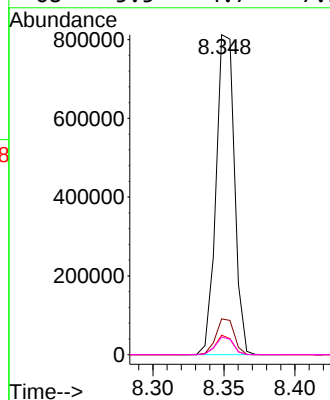
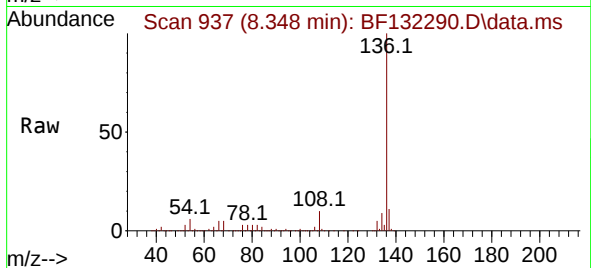


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Instrument :
BNA_F
ClientSampleId :
DR-2-012723

Tgt Ion:136 Resp: 732396

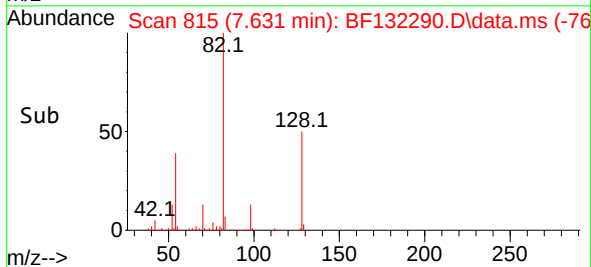
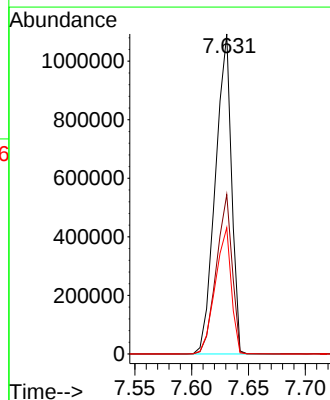
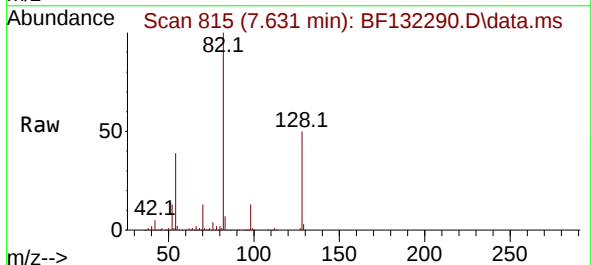
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.1	4.9	7.3
68	5.5	4.7	7.1

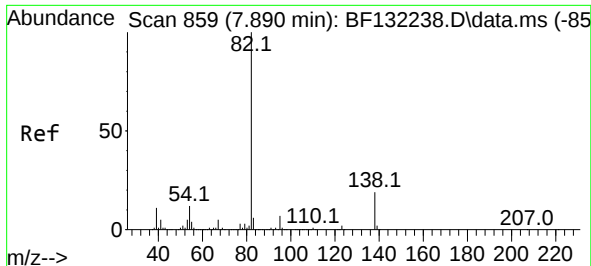


#23
Nitrobenzene-d5
Concen: 82.167 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Tgt Ion: 82 Resp: 1081439

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.0	55.4
54	39.4	31.5	47.3

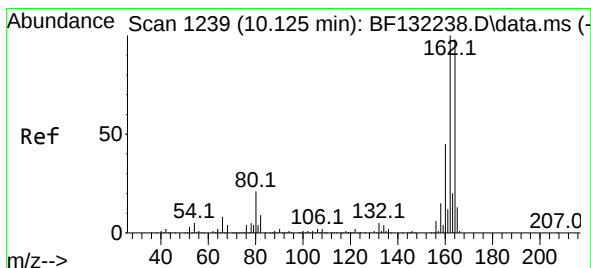
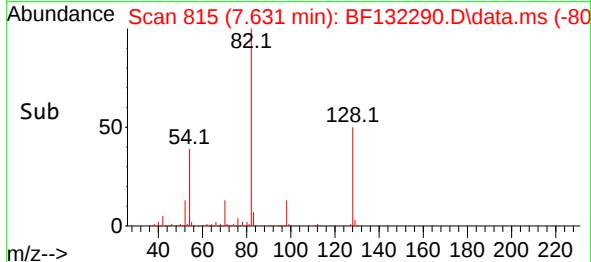
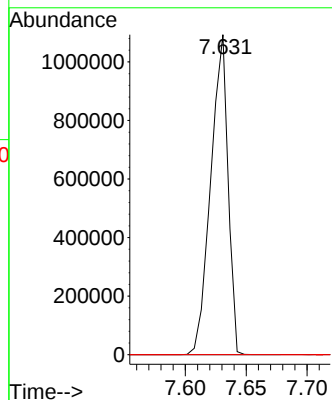
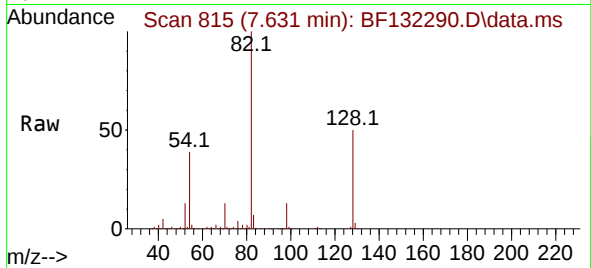




#25
Isophorone
Concen: 43.291 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

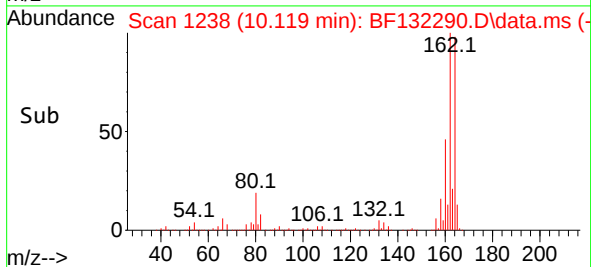
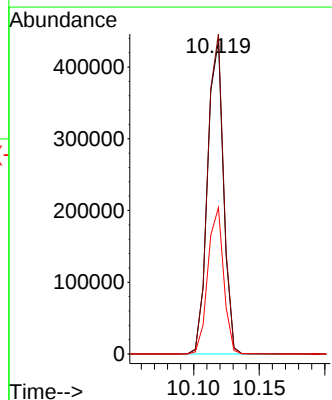
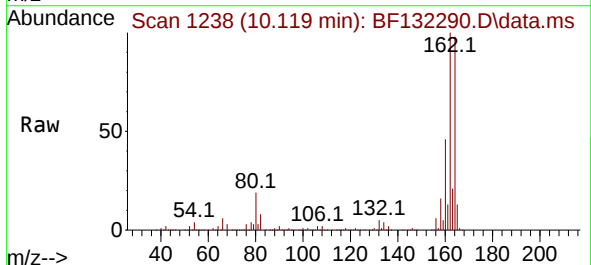
Instrument :
BNA_F
ClientSampleId :
DR-2-012723

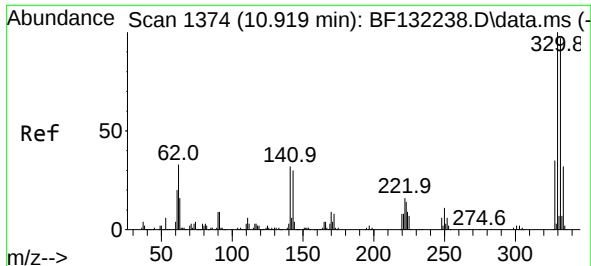
Tgt Ion: 82 Resp: 1081424
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Tgt Ion: 164 Resp: 370114
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 46.7 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 139.381 ng

RT: 10.913 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132290.D

Acq: 02 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

DR-2-012723

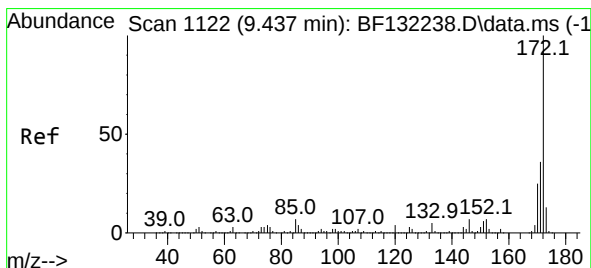
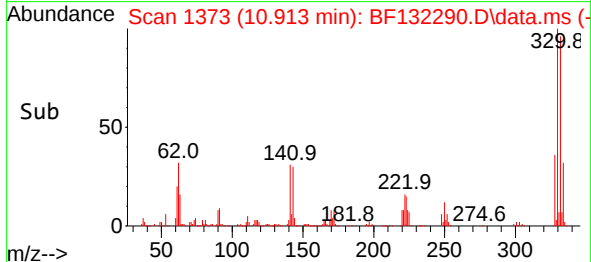
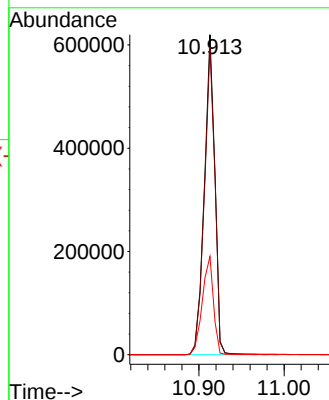
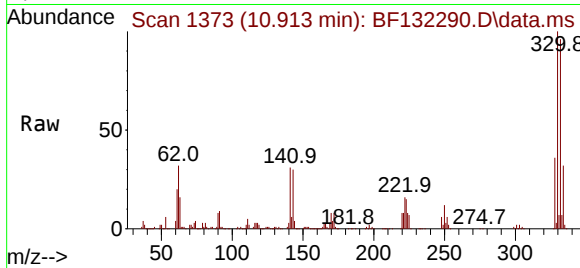
Tgt Ion:330 Resp: 530498

Ion Ratio Lower Upper

330 100

332 96.6 77.9 116.9

141 32.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.548 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132290.D

Acq: 02 Feb 2023 13:54

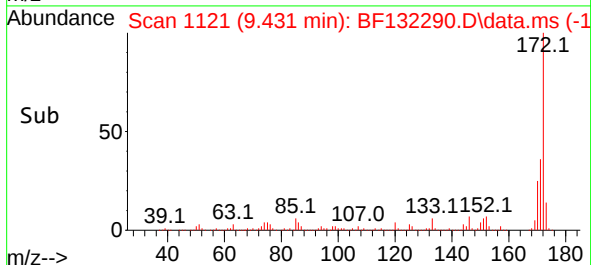
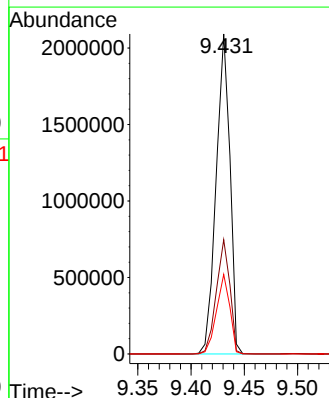
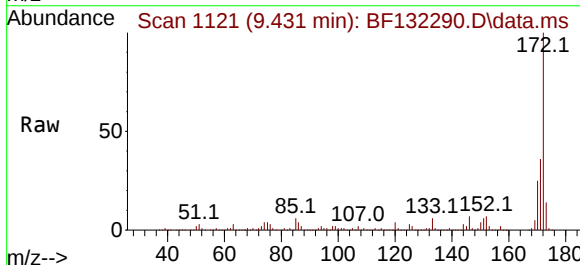
Tgt Ion:172 Resp: 1882578

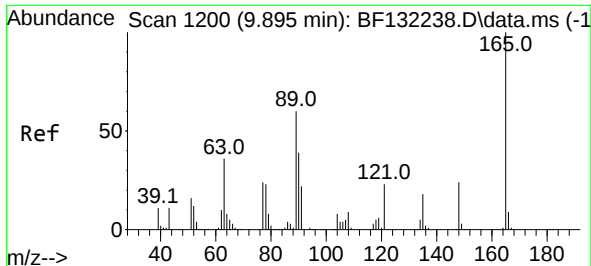
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.9 19.7 29.5

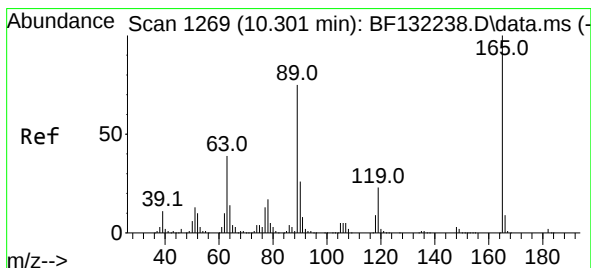
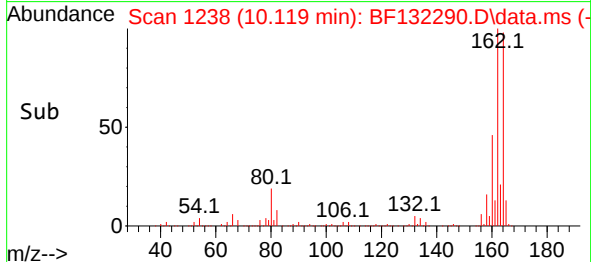
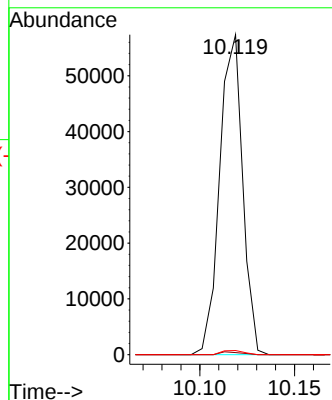
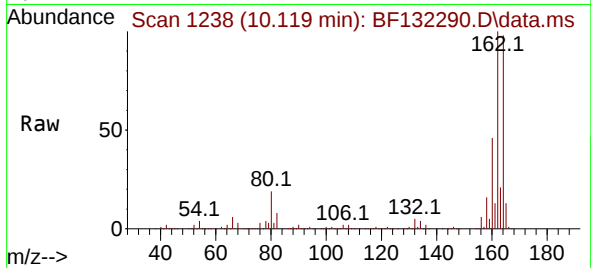




#51
2,6-Dinitrotoluene
Concen: 8.362 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

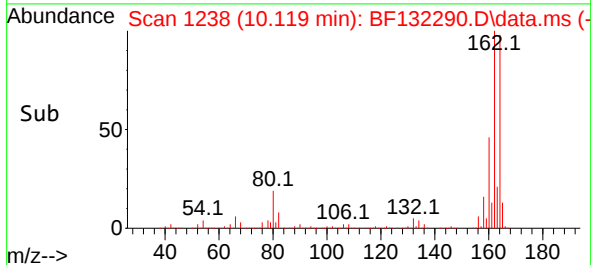
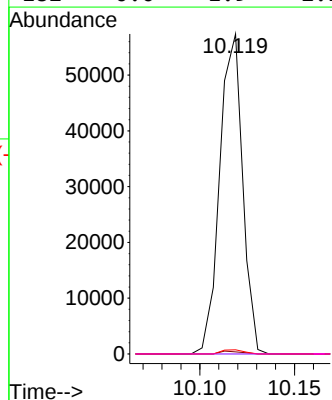
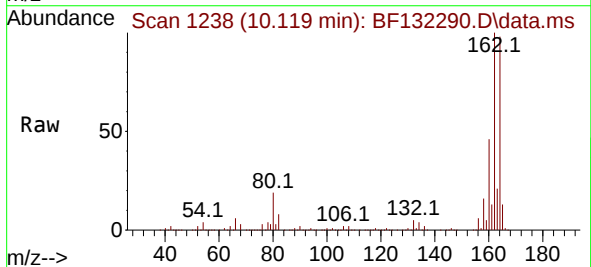
Instrument :
BNA_F
ClientSampleId :
DR-2-012723

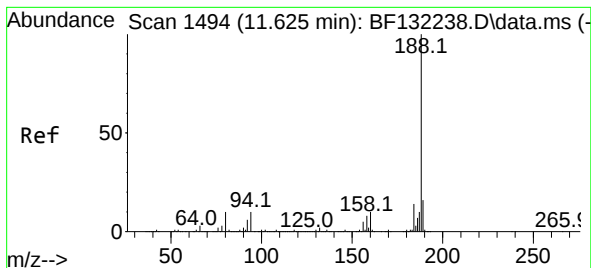
Tgt Ion:165 Resp: 48350
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.437 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Tgt Ion:165 Resp: 48350
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.3 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1492

Delta R.T. -0.012 min

Lab File: BF132290.D

Acq: 02 Feb 2023 13:54

Instrument :

BNA_F

ClientSampleId :

DR-2-012723

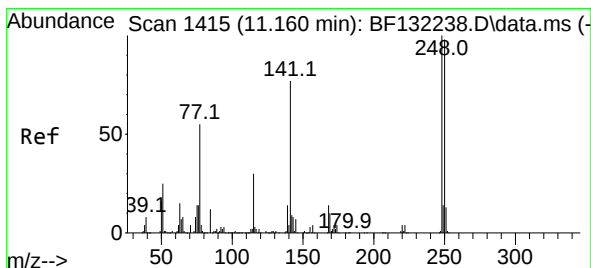
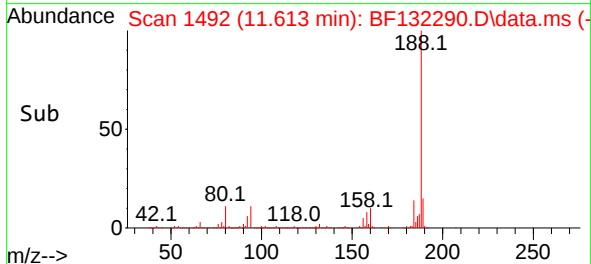
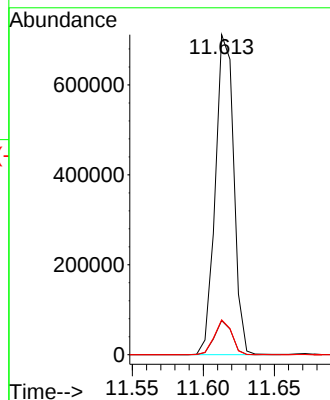
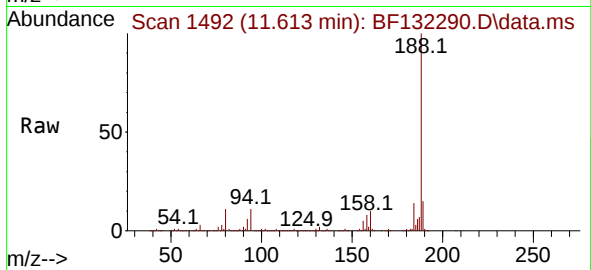
Tgt Ion:188 Resp: 641804

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

80 10.9 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.631 ng

RT: 10.913 min Scan# 1373

Delta R.T. -0.247 min

Lab File: BF132290.D

Acq: 02 Feb 2023 13:54

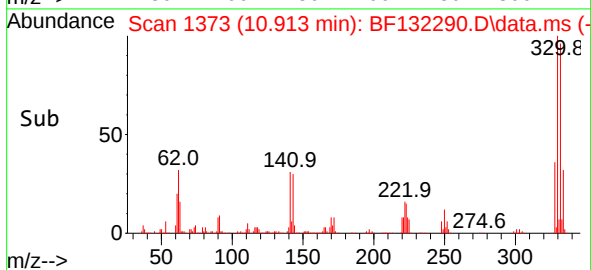
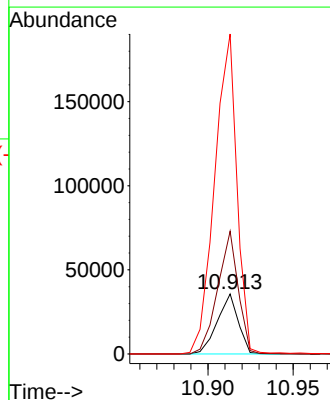
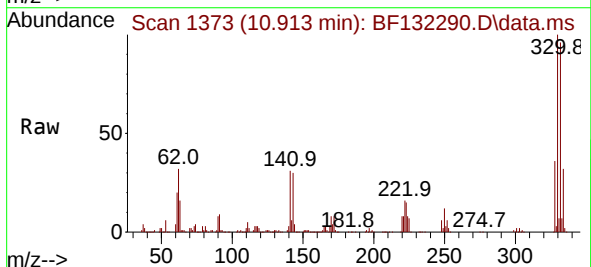
Tgt Ion:248 Resp: 30438

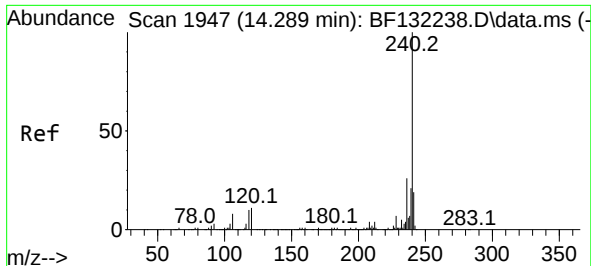
Ion Ratio Lower Upper

248 100

250 204.8 78.6 117.8#

141 533.8 61.6 92.4#

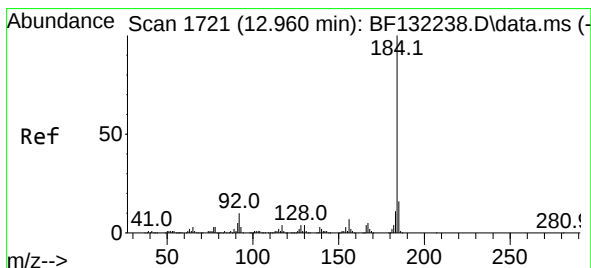
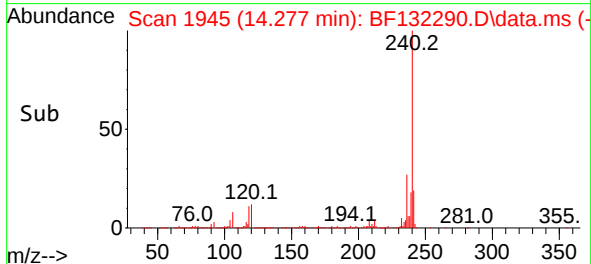
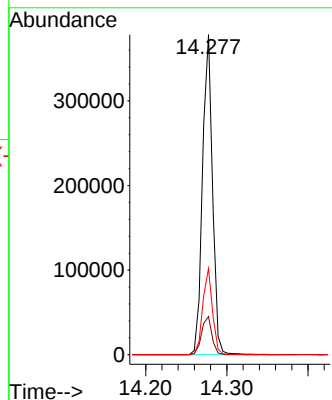
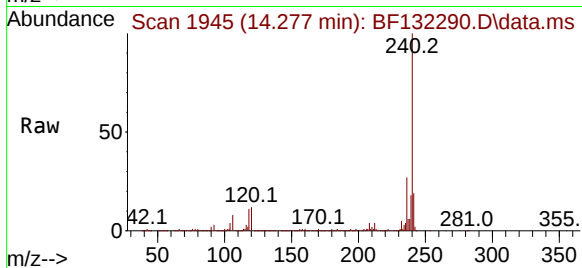




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

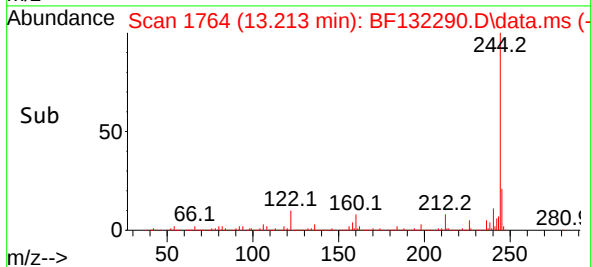
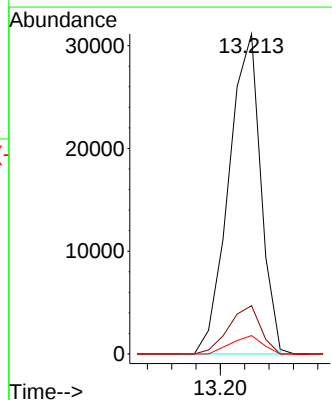
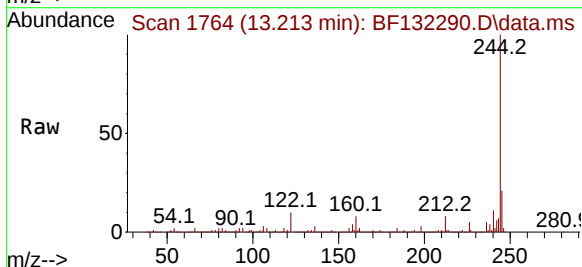
Instrument :
BNA_F
ClientSampleId :
DR-2-012723

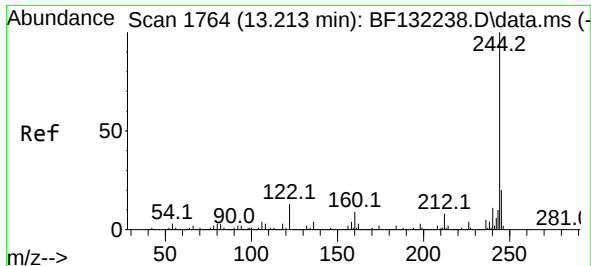
Tgt Ion:240 Resp: 324270
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 27.0 21.0 31.6



#77
Benzidine
Concen: 2.504 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132290.D
Acq: 02 Feb 2023 13:54

Tgt Ion:184 Resp: 28382
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 5.7 8.9 13.3#

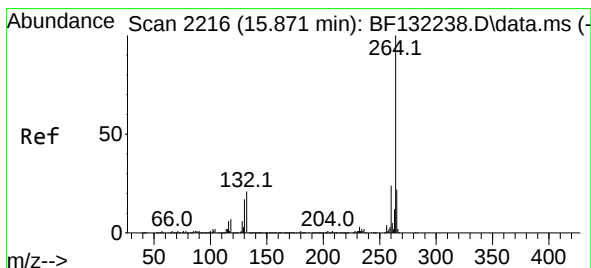
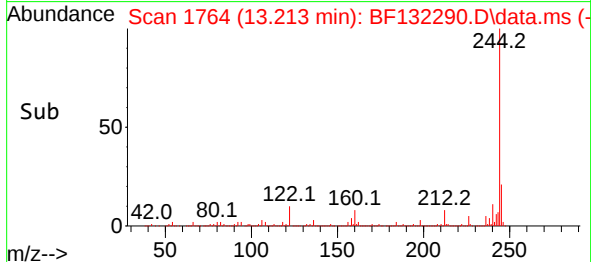
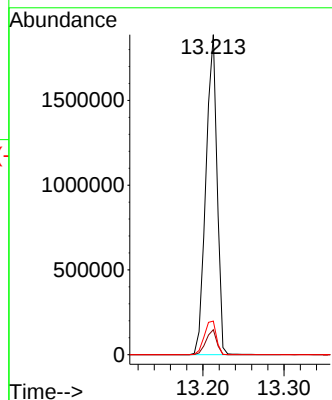
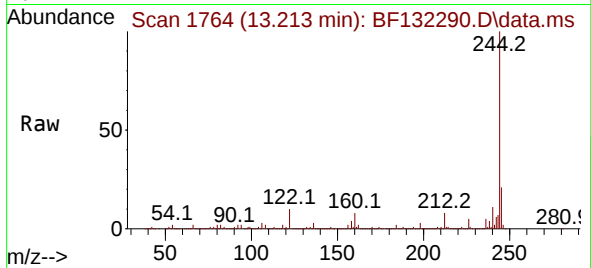




#79
 Terphenyl-d14
 Concen: 107.154 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132290.D
 Acq: 02 Feb 2023 13:54

Instrument :
 BNA_F
 ClientSampleId :
 DR-2-012723

Tgt Ion:244 Resp: 1796251
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 10.5 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.866 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132290.D
 Acq: 02 Feb 2023 13:54

Tgt Ion:264 Resp: 361402
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.6 17.4 26.2

