

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132295.D
 Acq On : 02 Feb 2023 16:54
 Operator : CG\JU
 Sample : 01360-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

Quant Time: Feb 03 00:23:10 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)

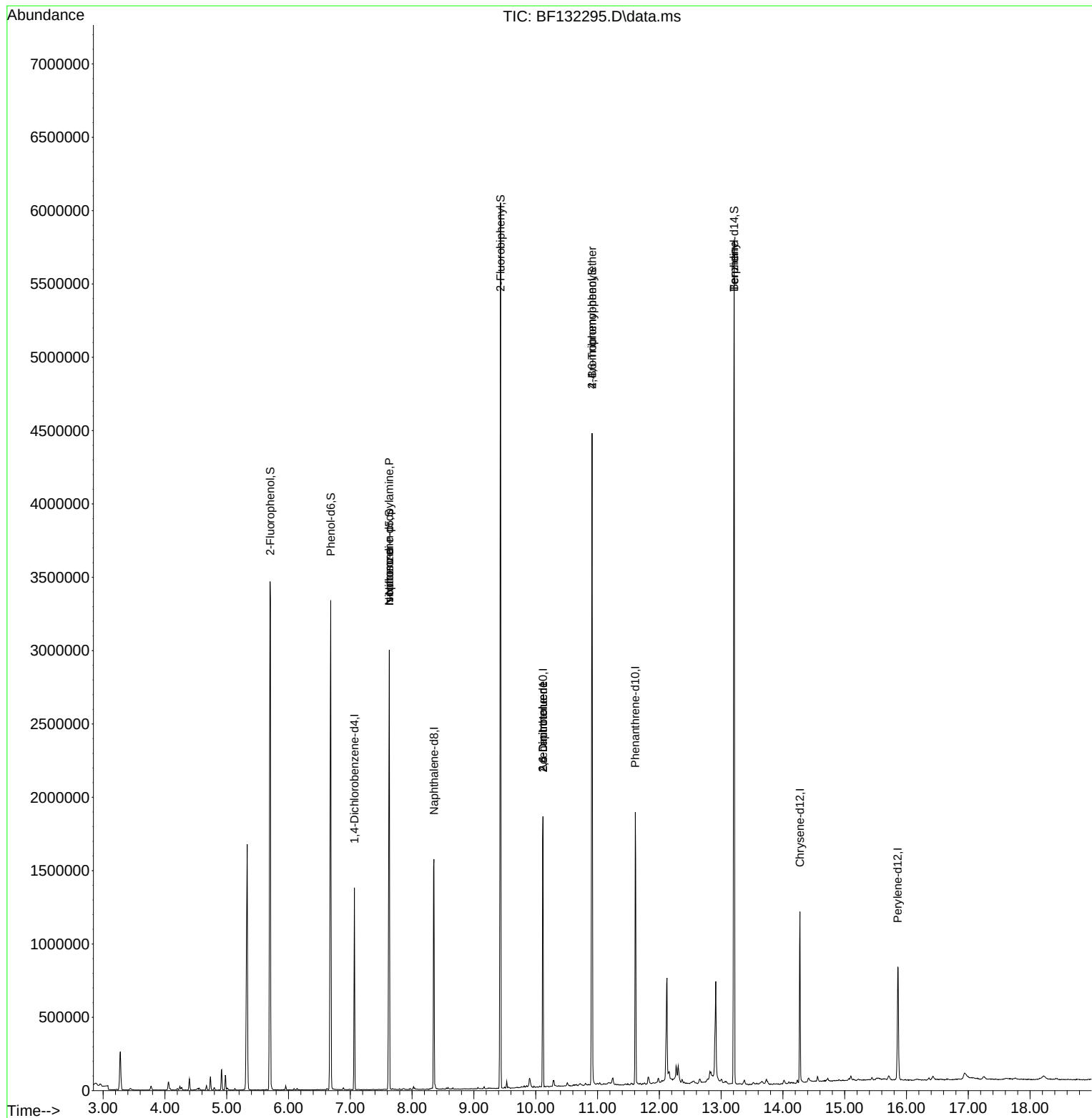
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	195032	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	734181	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	378755	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	689555	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	363334	20.000	ng	-0.01
86) Perylene-d12	15.859	264	374735	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1315885	108.451	ng	0.02
7) Phenol-d6	6.684	99	1485498	99.306	ng	0.00
23) Nitrobenzene-d5	7.631	82	1058164	80.204	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	581935	149.407	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	1854840	75.625	ng	0.00
79) Terphenyl-d14	13.213	244	2050763	109.184	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.613	77	119	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.631	70	132307	15.571	ng	# 77
25) Isophorone	7.631	82	1058149	42.256	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	49466	8.360	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	49466	6.436	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	33364	4.725	ng	# 1
77) Benizidine	13.213	184	33038	2.601	ng	# 95

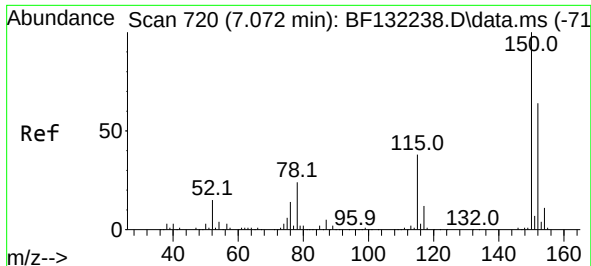
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132295.D
Acq On : 02 Feb 2023 16:54
Operator : CG\JU
Sample : 01360-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Quant Time: Feb 03 00:23:10 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

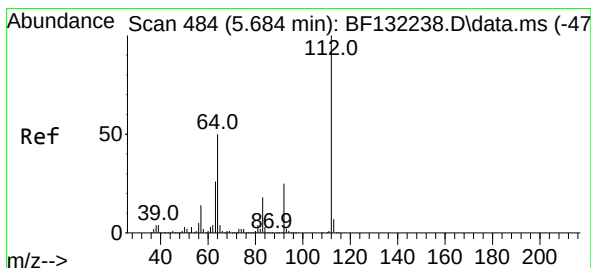
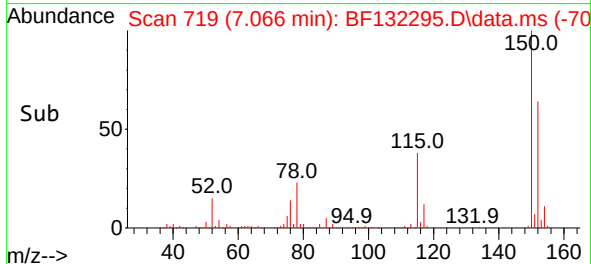
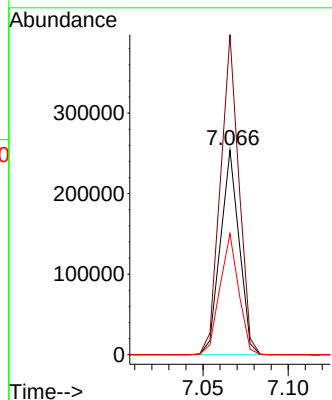
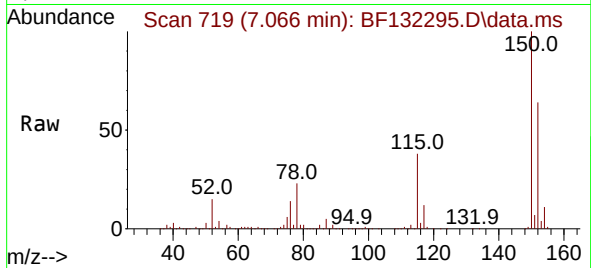




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

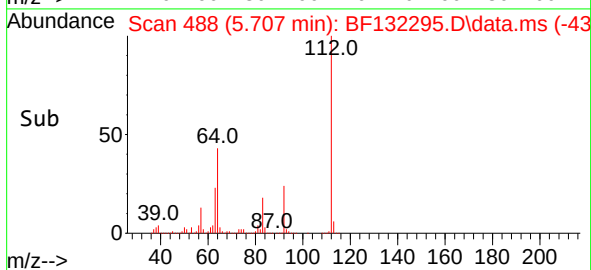
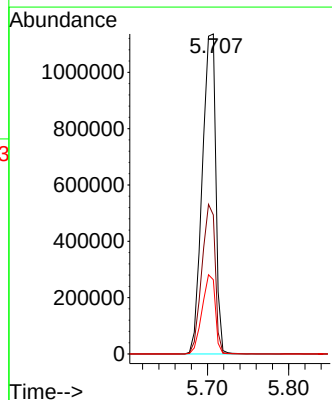
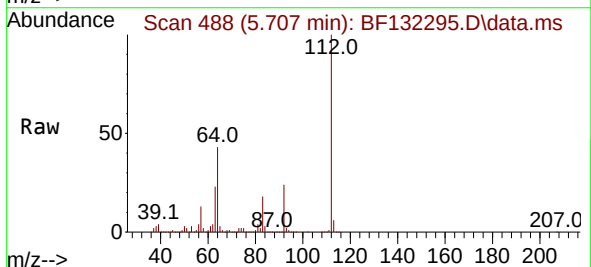
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

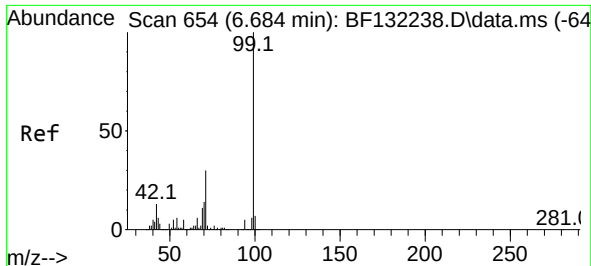
Tgt Ion:152 Resp: 195032
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 59.2 47.3 70.9



#5
2-Fluorophenol
Concen: 108.451 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.023 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

Tgt Ion:112 Resp: 1315885
Ion Ratio Lower Upper
112 100
64 43.5 40.0 60.0
63 23.2 20.5 30.7

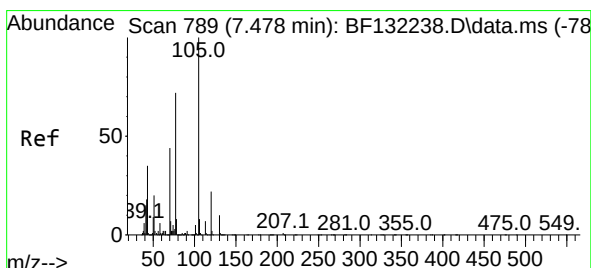
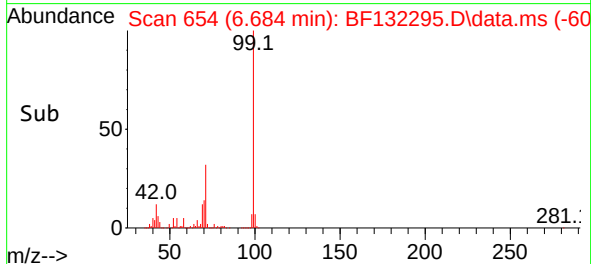
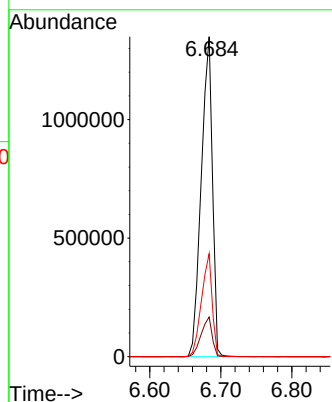
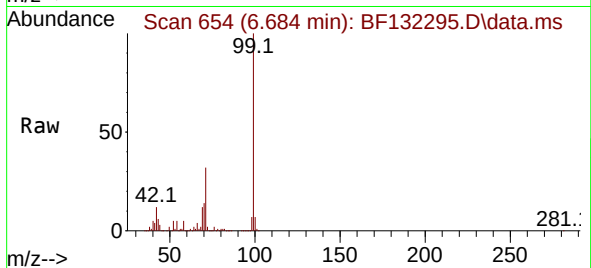




#7
Phenol-d6
Concen: 99.306 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

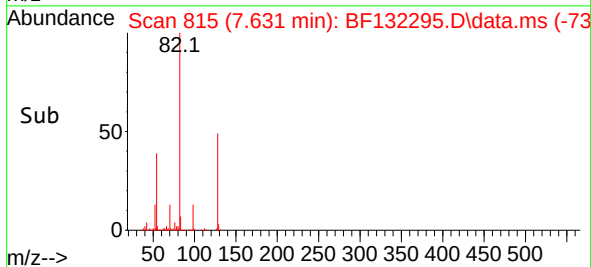
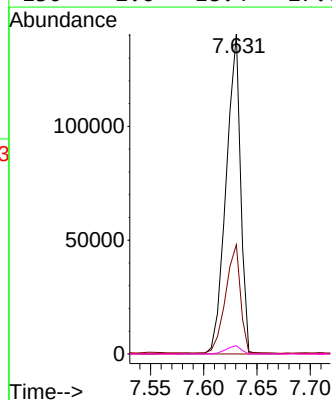
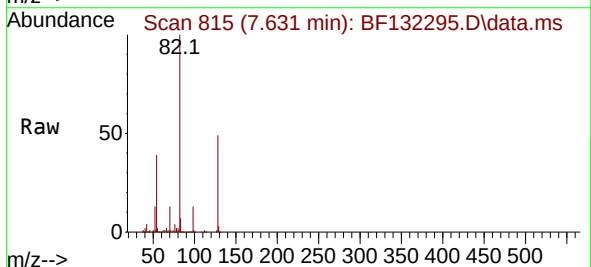
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

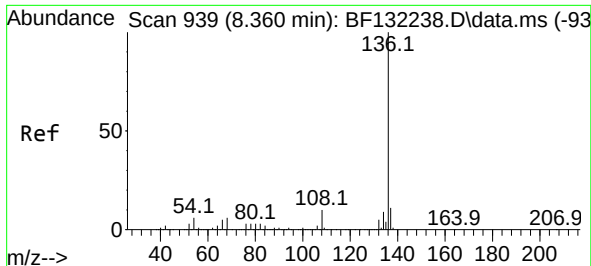
Tgt Ion: 99 Resp: 1485498
Ion Ratio Lower Upper
99 100
42 12.4 10.1 15.1
71 32.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.571 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

Tgt Ion: 70 Resp: 132307
Ion Ratio Lower Upper
70 100
42 34.2 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#

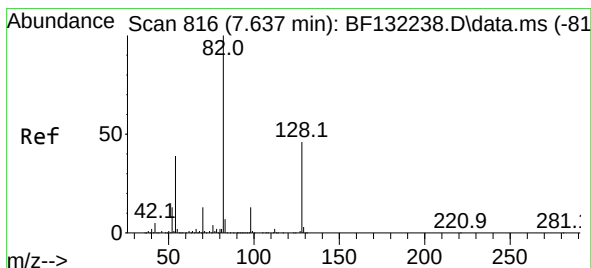
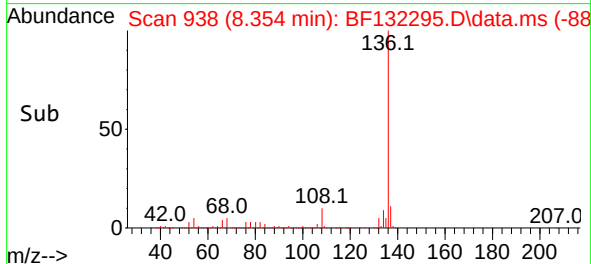
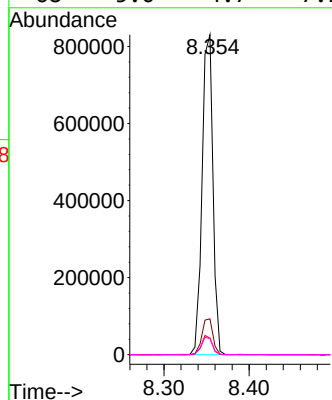
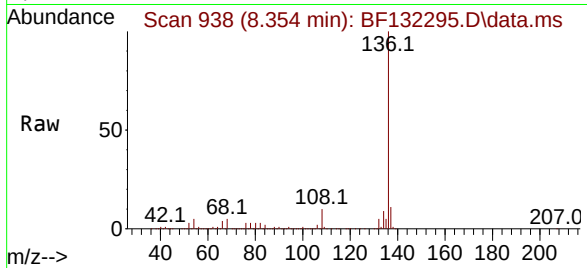




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

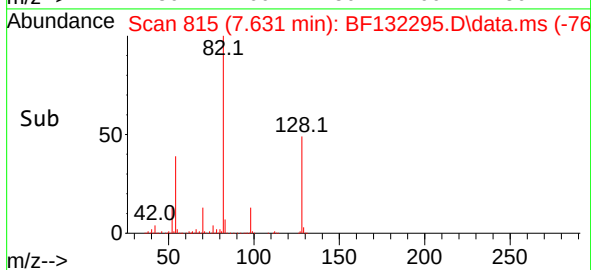
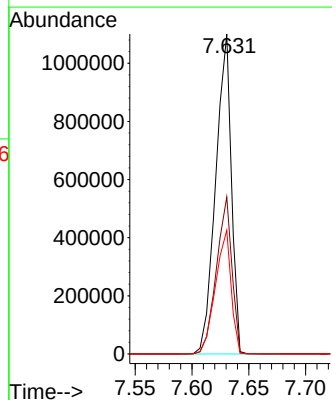
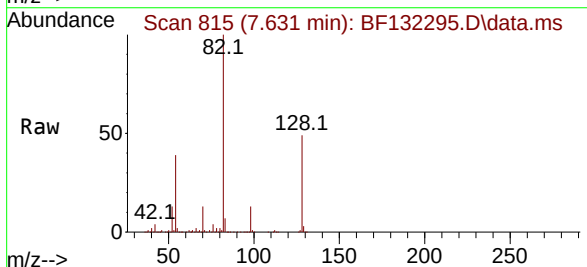
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

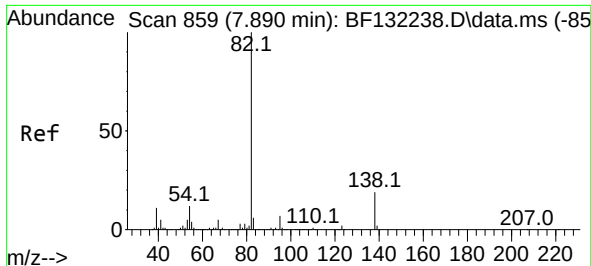
Tgt Ion:136 Resp: 734181
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.2 4.9 7.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 80.204 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

Tgt Ion: 82 Resp: 1058164
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 38.6 31.5 47.3

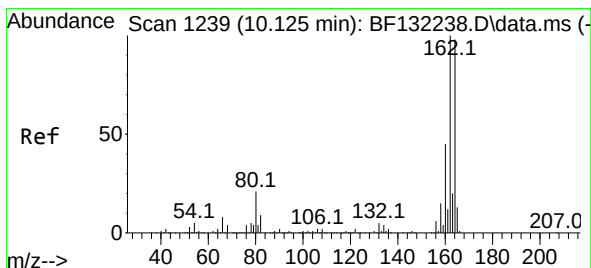
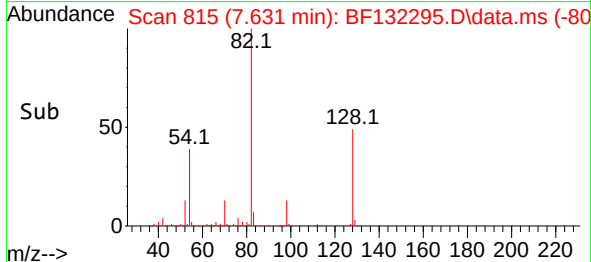
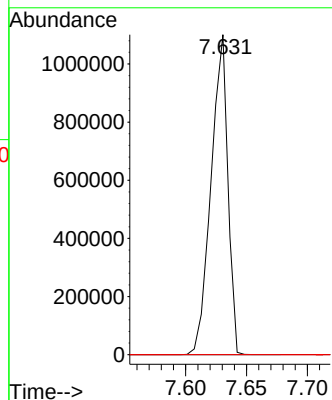
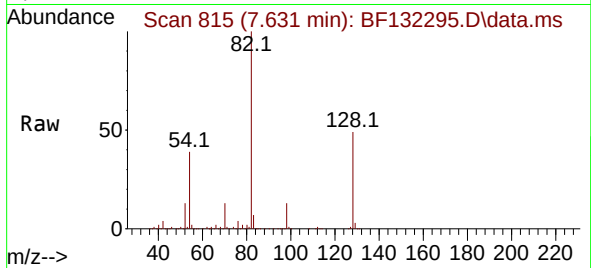




#25
Isophorone
Concen: 42.256 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

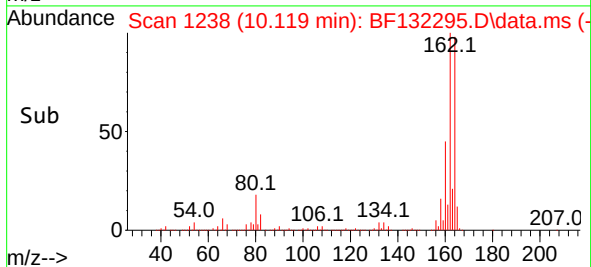
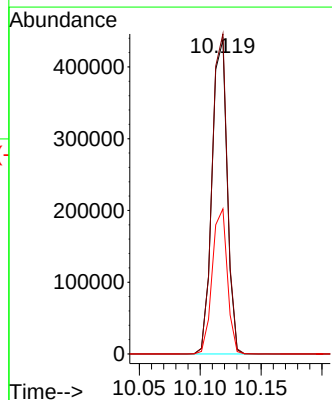
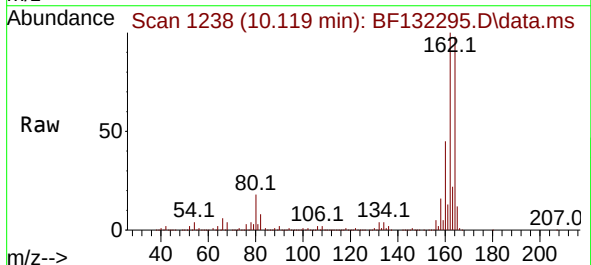
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

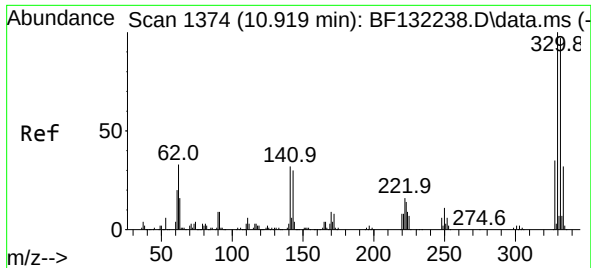
Tgt Ion: 82 Resp: 1058149
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

Tgt Ion: 164 Resp: 378755
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 46.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 149.407 ng

RT: 10.913 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132295.D

Acq: 02 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

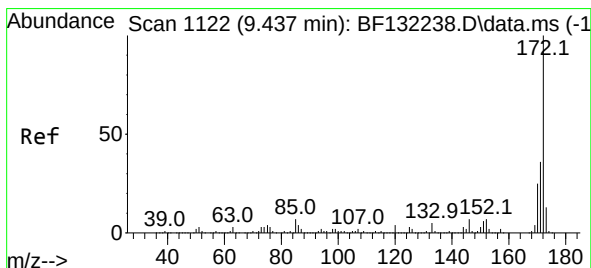
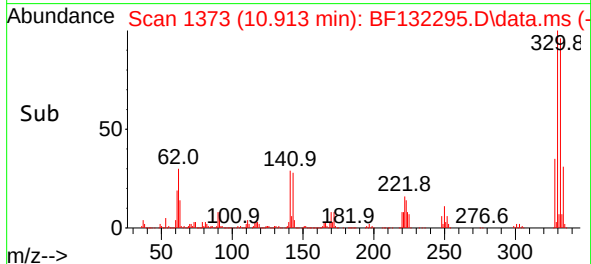
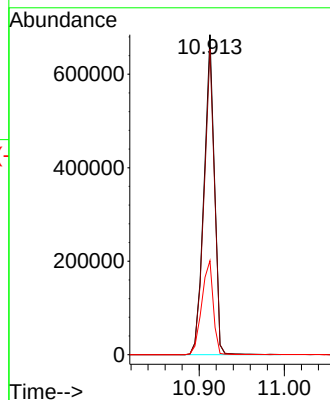
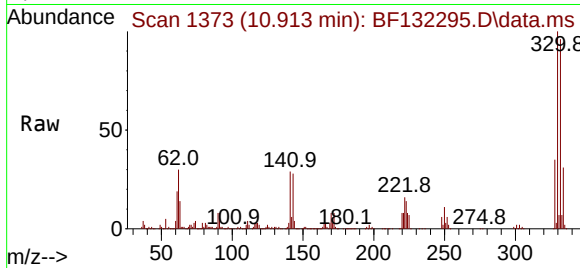
Tgt Ion:330 Resp: 581935

Ion Ratio Lower Upper

330 100

332 96.1 77.9 116.9

141 32.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 75.625 ng

RT: 9.430 min Scan# 1121

Delta R.T. -0.007 min

Lab File: BF132295.D

Acq: 02 Feb 2023 16:54

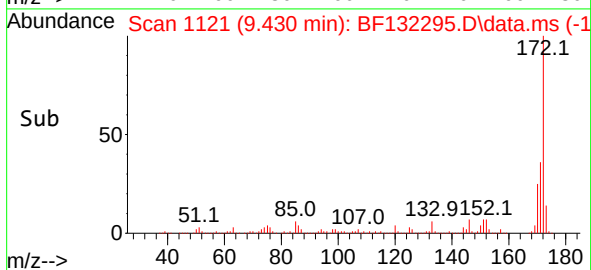
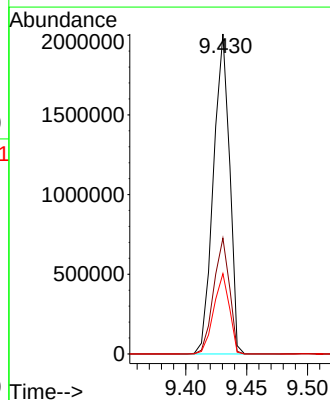
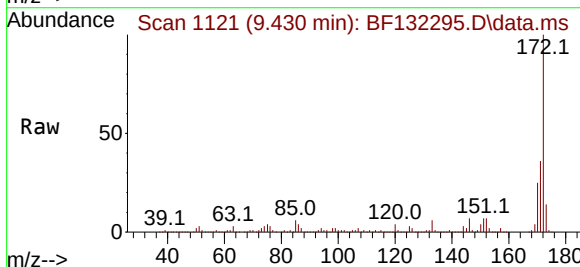
Tgt Ion:172 Resp: 1854840

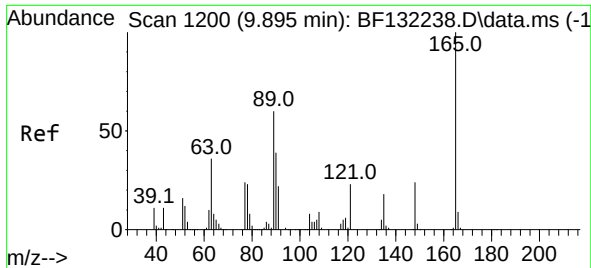
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 25.1 19.7 29.5

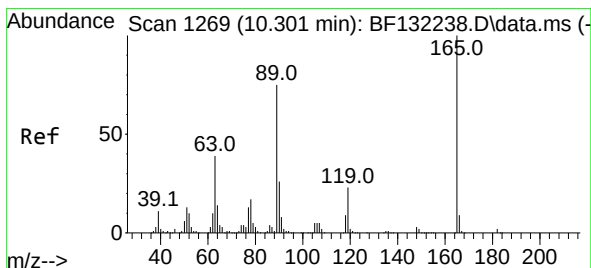
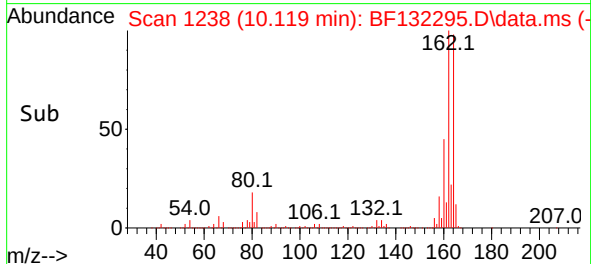
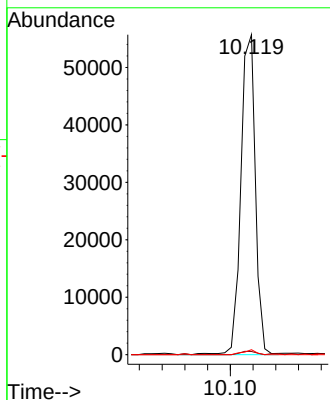
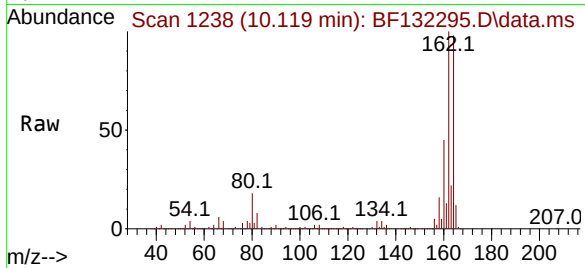




#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

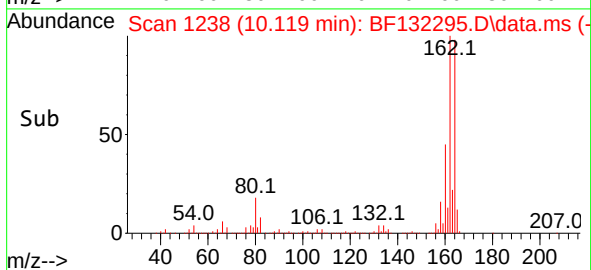
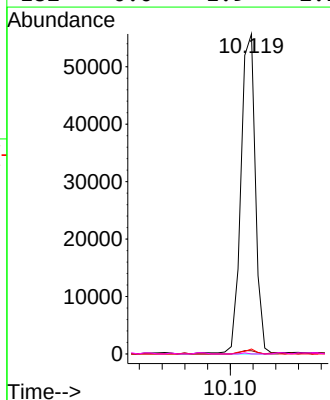
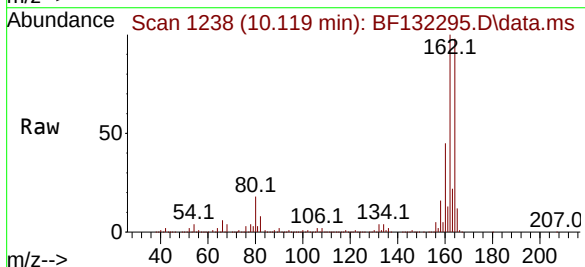
Instrument :
BNA_F
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TP-3-WC

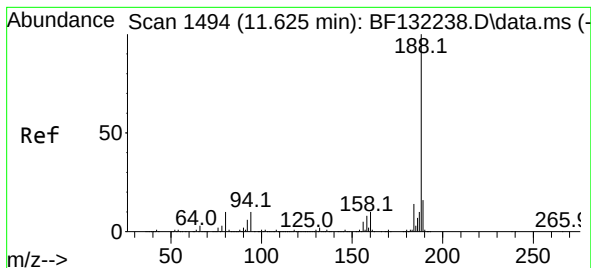
Tgt Ion:165 Resp: 49466
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.5 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.436 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.183 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

Tgt Ion:165 Resp: 49466
Ion Ratio Lower Upper
165 100
63 1.0 30.9 46.3#
89 1.5 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1494

Delta R.T. -0.012 min

Lab File: BF132295.D

Acq: 02 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

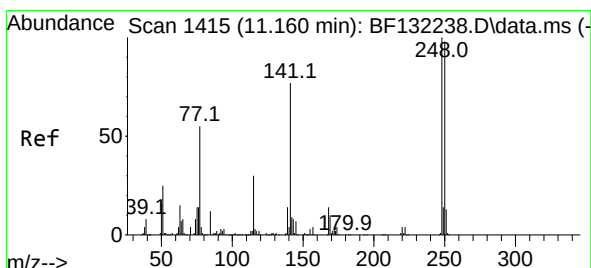
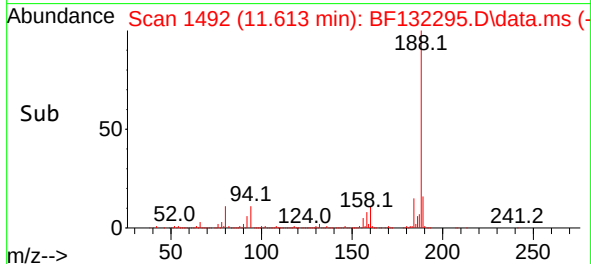
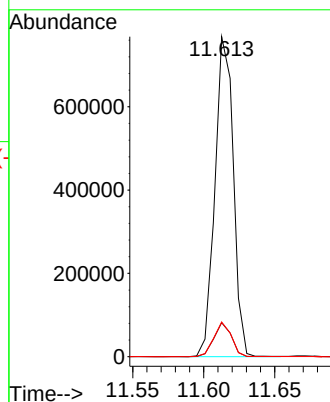
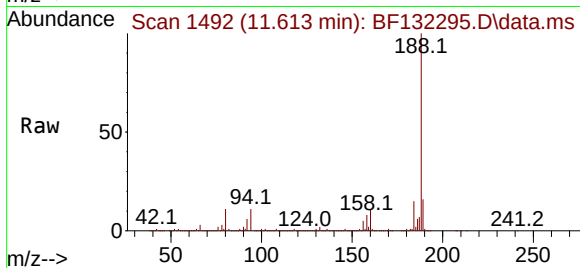
Tgt Ion:188 Resp: 689555

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

80 10.9 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.725 ng

RT: 10.913 min Scan# 1373

Delta R.T. -0.247 min

Lab File: BF132295.D

Acq: 02 Feb 2023 16:54

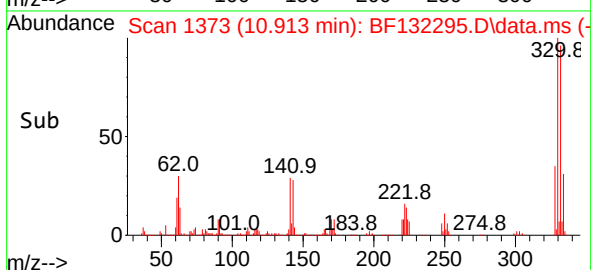
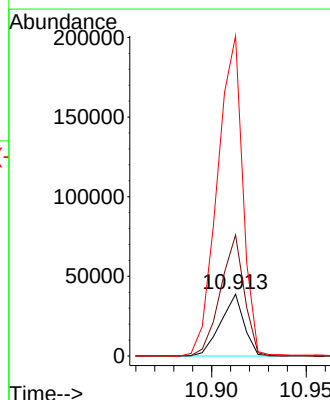
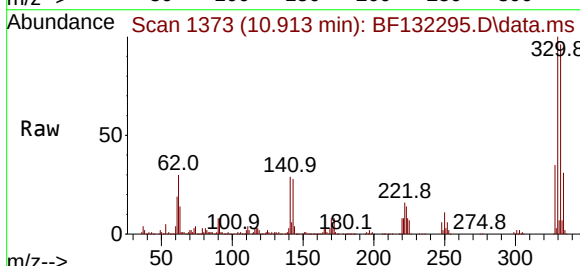
Tgt Ion:248 Resp: 33364

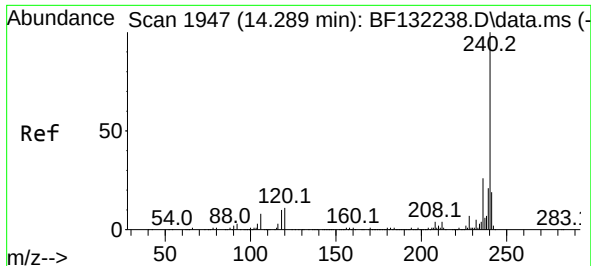
Ion Ratio Lower Upper

248 100

250 195.9 78.6 117.8#

141 517.9 61.6 92.4#

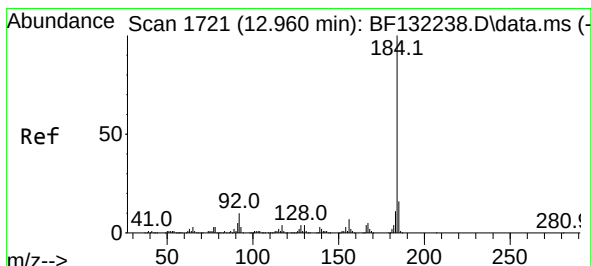
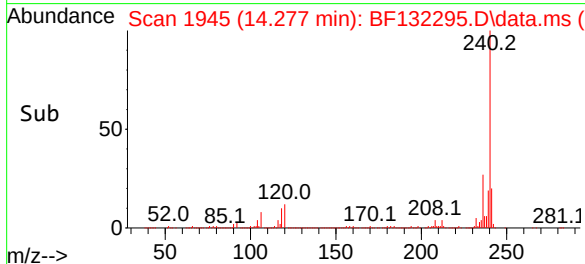
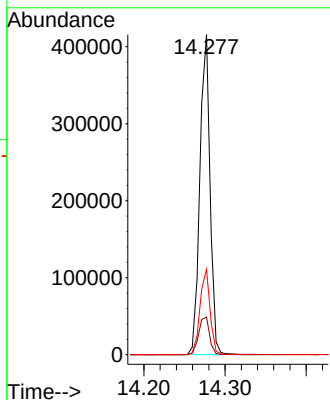
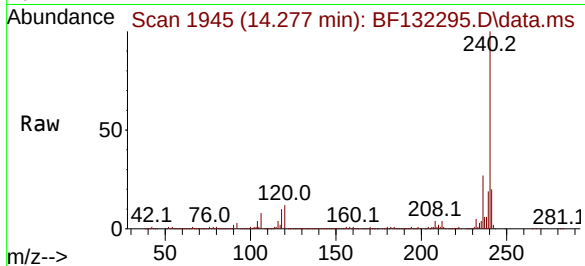




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

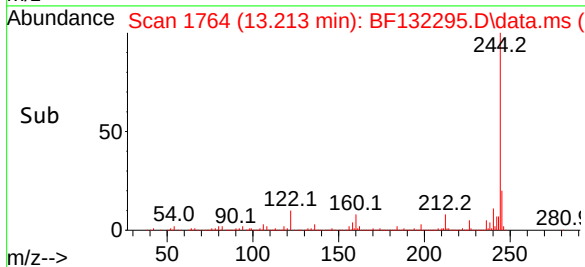
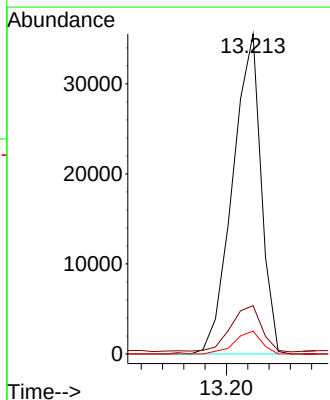
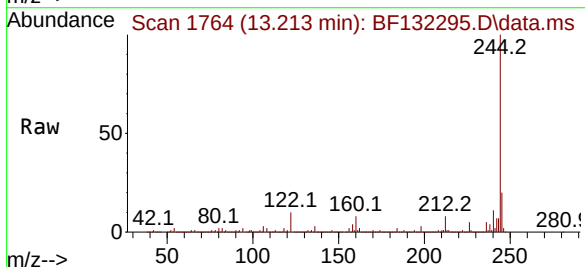
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

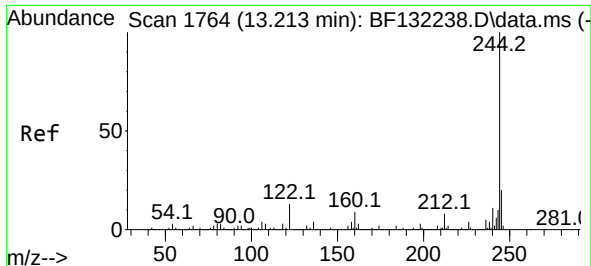
Tgt Ion:240 Resp: 363334
Ion Ratio Lower Upper
240 100
120 11.8 8.8 13.2
236 26.7 21.0 31.6



#77
Benzidine
Concen: 2.601 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132295.D
Acq: 02 Feb 2023 16:54

Tgt Ion:184 Resp: 33038
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 7.2 8.9 13.3#

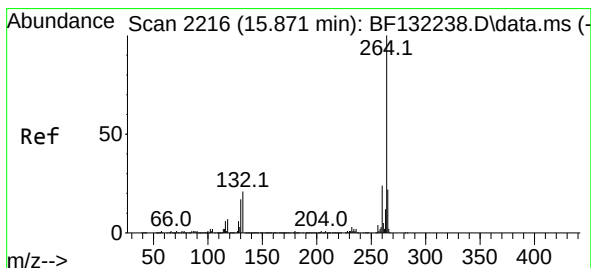
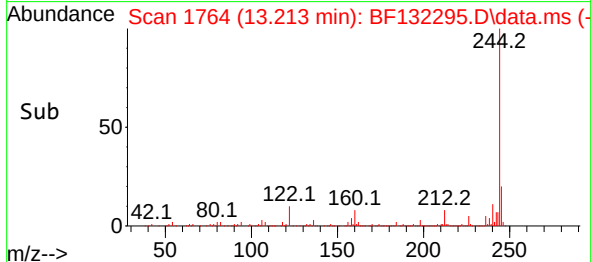
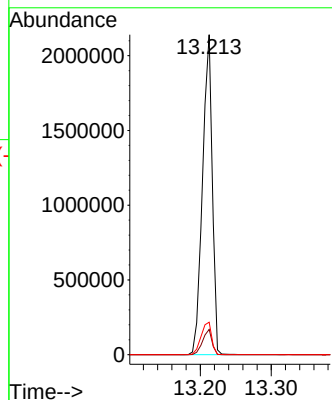
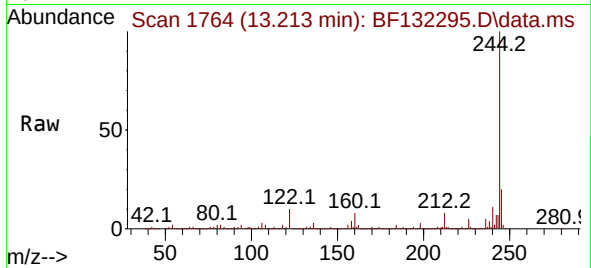




#79
 Terphenyl-d14
 Concen: 109.184 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132295.D
 Acq: 02 Feb 2023 16:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

Tgt Ion:244 Resp: 2050763
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 10.2 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.859 min Scan# 2214
 Delta R.T. -0.012 min
 Lab File: BF132295.D
 Acq: 02 Feb 2023 16:54

Tgt Ion:264 Resp: 374735
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.3 17.4 26.2

