

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132963.D
 Acq On : 21 Apr 2023 04:50
 Operator : CG\JU
 Sample : 02390-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPC-3WC-23-04-17

Quant Time: Apr 21 06:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

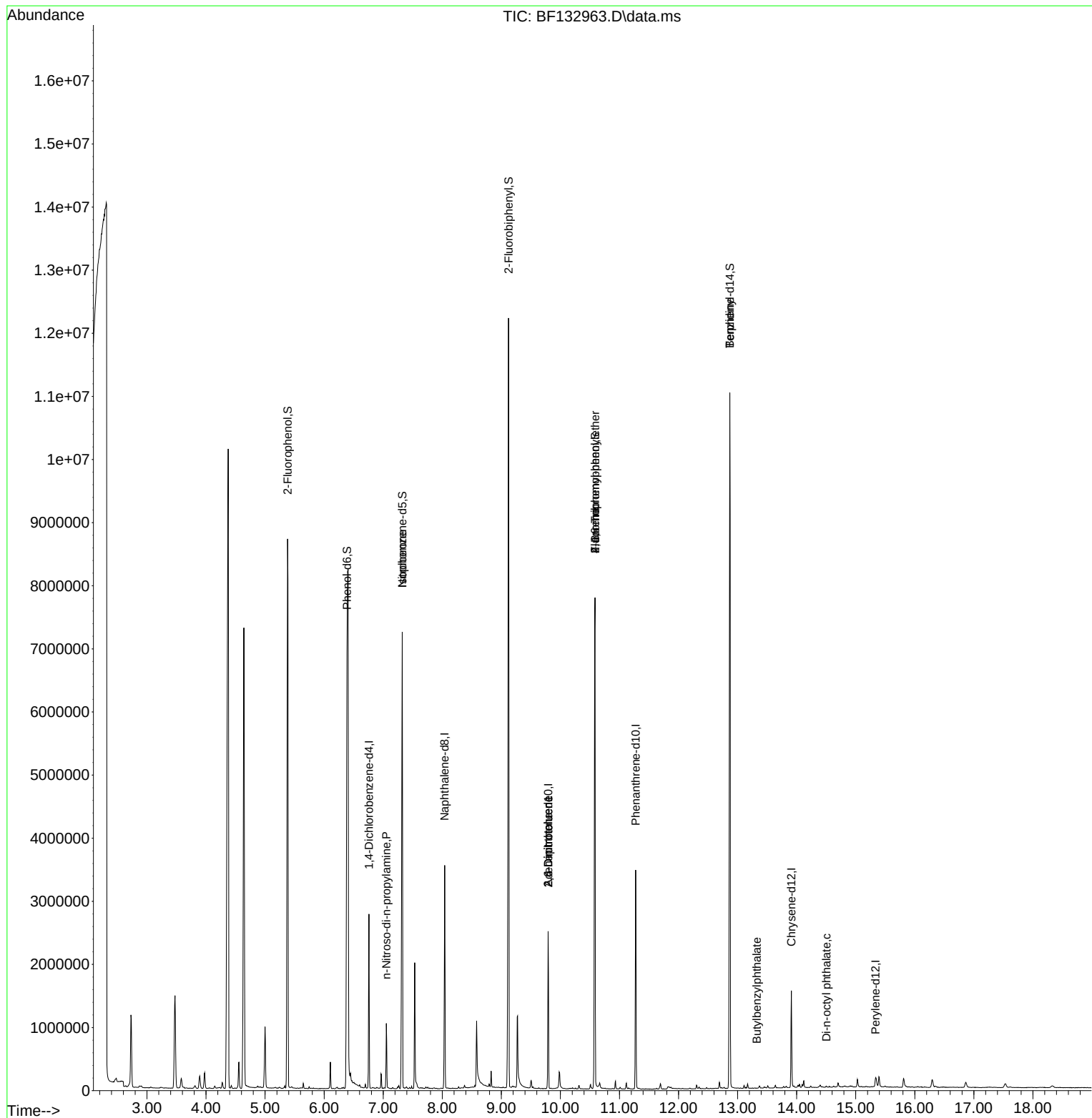
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	343217	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	1385396	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	383360	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1037078	20.000	ng	0.00
76) Chrysene-d12	13.910	240	358863	20.000	ng	0.00
86) Perylene-d12	15.333	264	23045	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2855134	130.078	ng	0.02
7) Phenol-d6	6.387	99	2087957	74.548	ng	0.00
23) Nitrobenzene-d5	7.322	82	2486411	93.550	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1125347	292.669	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	4068209	163.024	ng	0.00
79) Terphenyl-d14	12.869	244	3939971	187.311	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.051	70	39054	2.234	ng	# 28
25) Isophorone	7.322	82	2480417	49.200	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	48843	8.405	ng	# 30
57) 2,4-Dinitrotoluene	9.792	165	48843	6.810	ng	# 25
58) Fluorene	10.586	166	48139	2.004	ng	# 92
67) 4-Bromophenyl-phenylether	10.586	248	67309	5.684	ng	# 1
77) Benzidine	12.869	184	49359	8.830	ng	# 94
80) Butylbenzylphthalate	13.327	149	372	5.181	ng	# 47
85) Di-n-octyl phthalate	14.504	149	567	6.407	ng	# 1

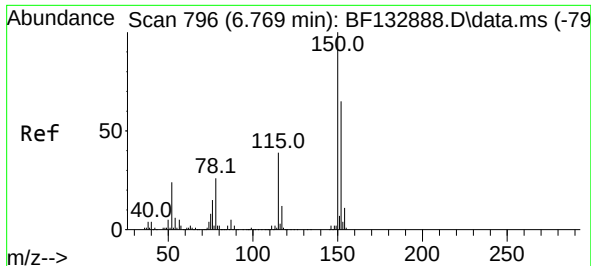
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132963.D
Acq On : 21 Apr 2023 04:50
Operator : CG\JU
Sample : 02390-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

Quant Time: Apr 21 06:11:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

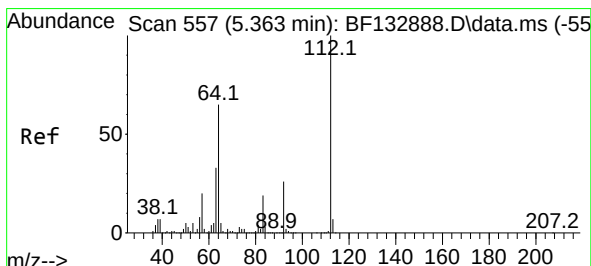
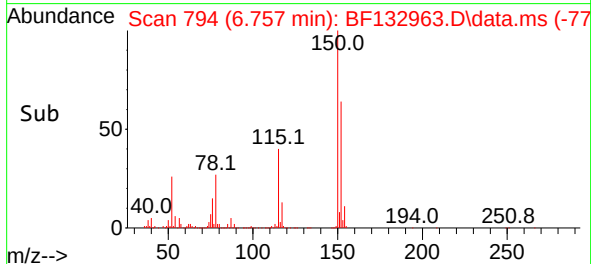
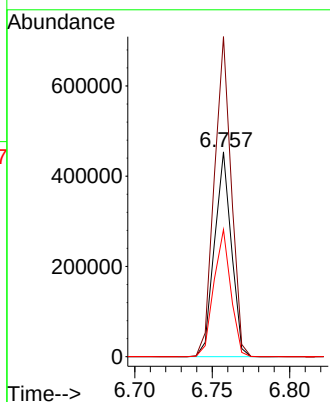
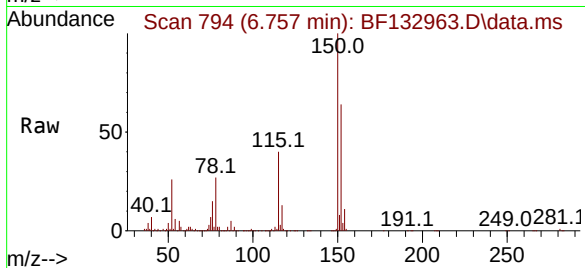




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

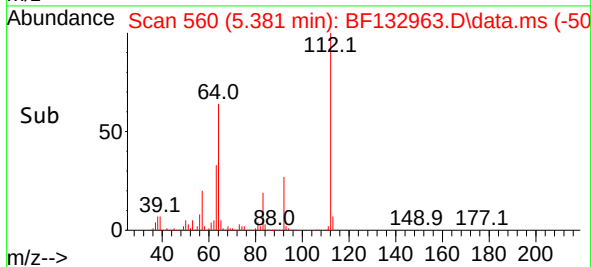
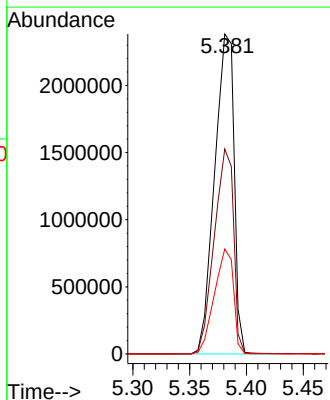
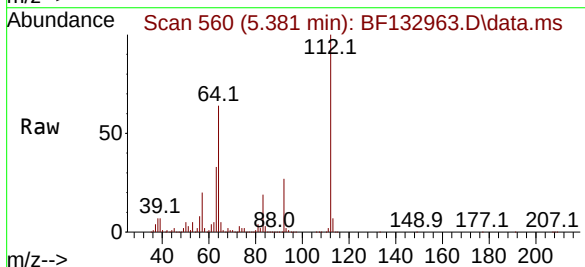
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

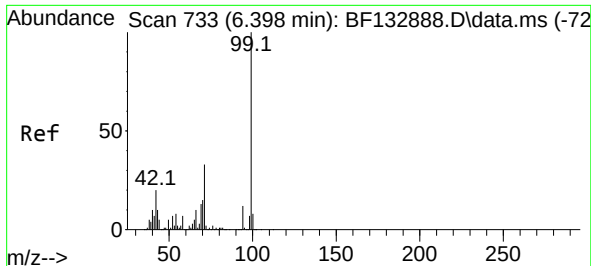
Tgt Ion:152 Resp: 343217
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 62.0 47.3 70.9



#5
2-Fluorophenol
Concen: 130.078 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion:112 Resp: 2855134
Ion Ratio Lower Upper
112 100
64 64.1 51.8 77.8
63 32.8 26.3 39.5

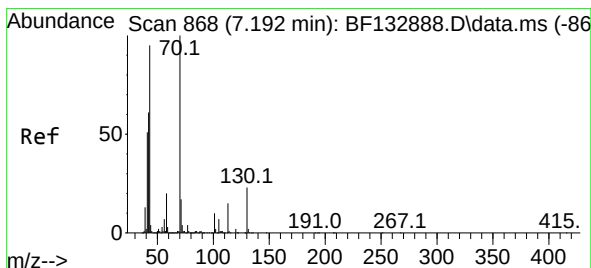
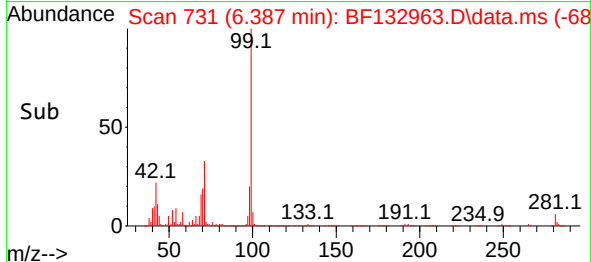
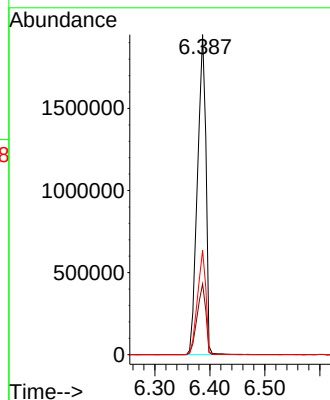
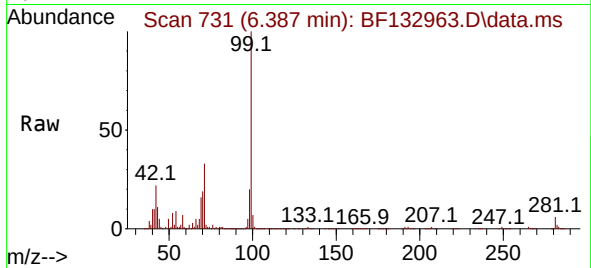




#7
Phenol-d6
Concen: 74.548 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

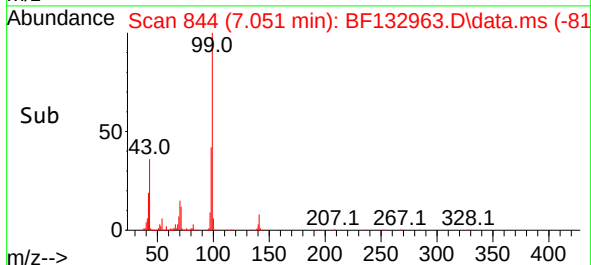
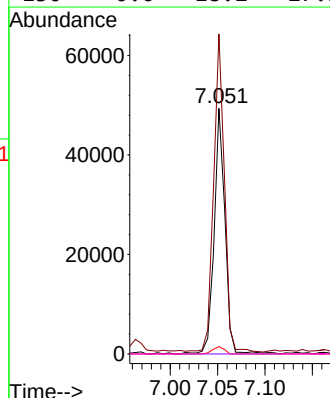
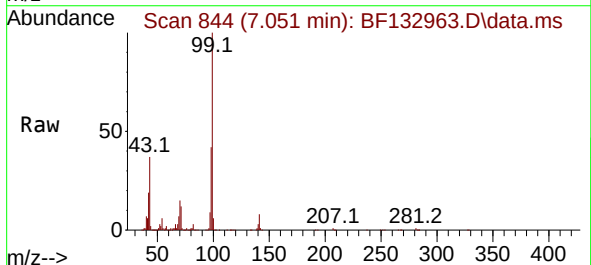
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

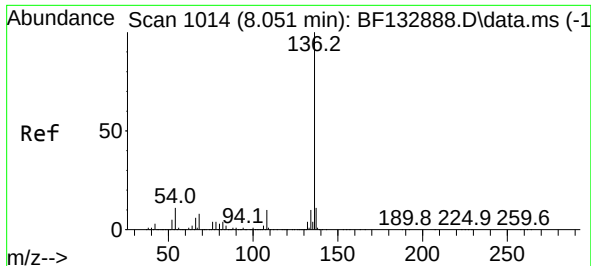
Tgt Ion: 99 Resp: 2087957
Ion Ratio Lower Upper
99 100
42 22.1 16.1 24.1
71 32.6 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 2.234 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.129 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion: 70 Resp: 39054
Ion Ratio Lower Upper
70 100
42 130.3 49.0 73.6#
101 3.0 8.1 12.1#
130 0.0 18.2 27.2#



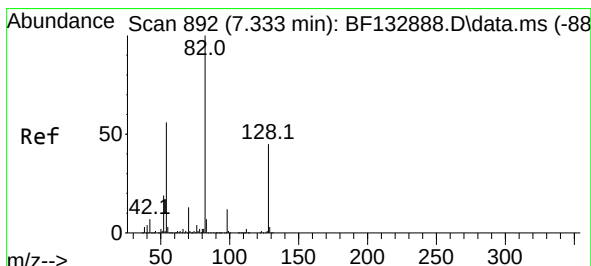
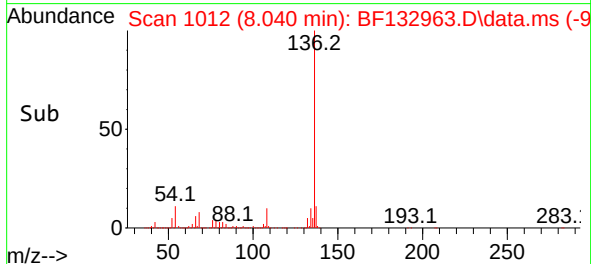
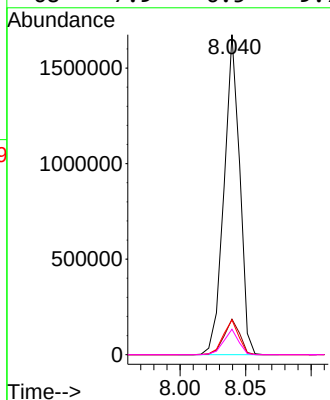
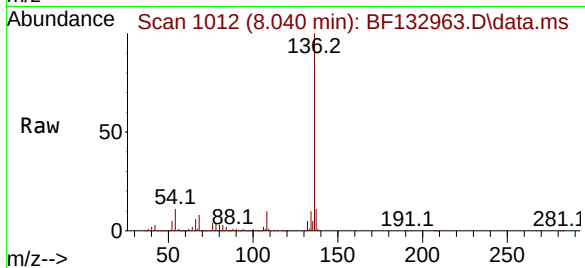


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

Tgt Ion:136 Resp: 1385396

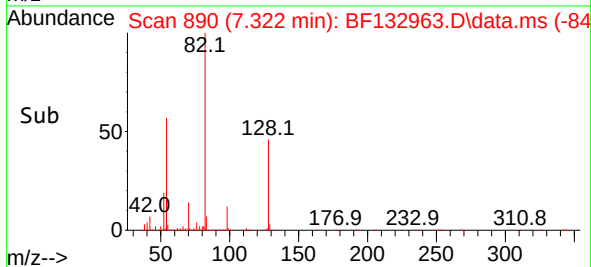
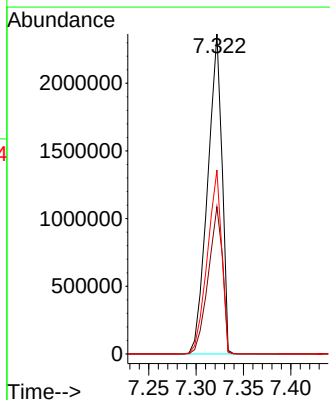
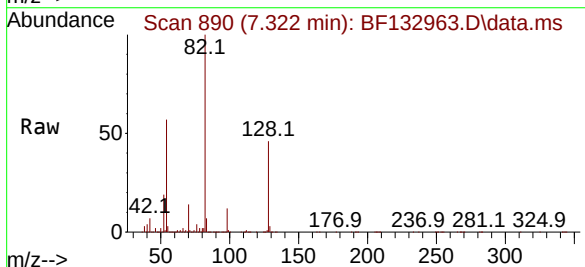
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.8	8.9	13.3
68	7.9	6.5	9.7

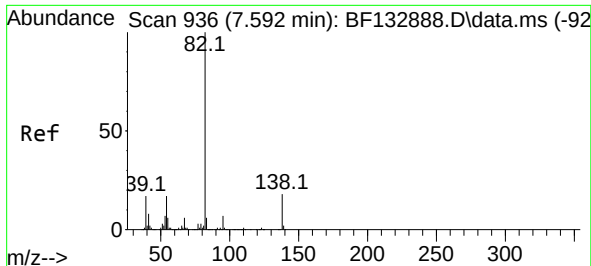


#23
Nitrobenzene-d5
Concen: 93.550 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion: 82 Resp: 2486411

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.7	53.5
54	57.4	44.7	67.1

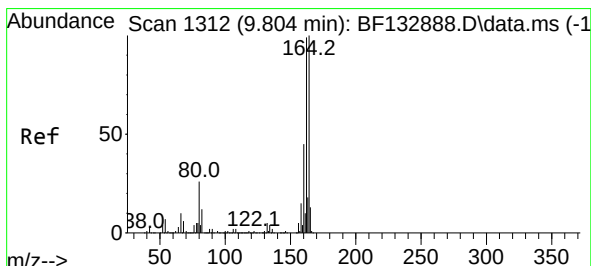
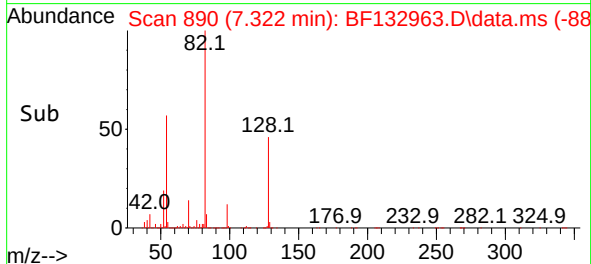
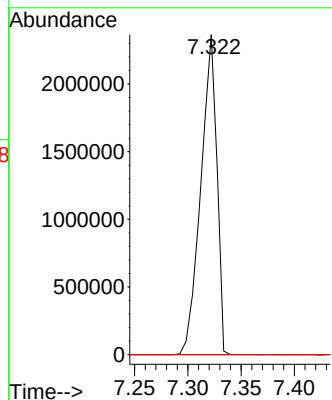
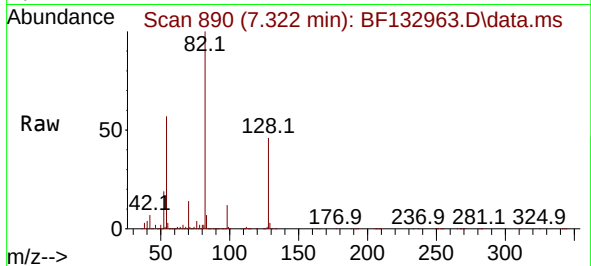




#25
Isophorone
Concen: 49.200 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

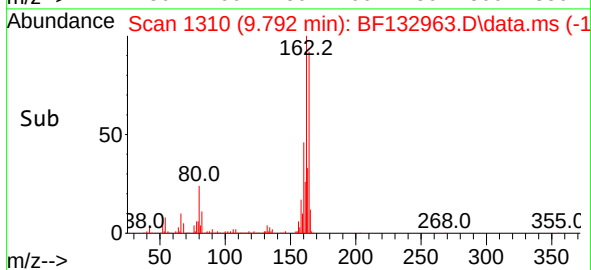
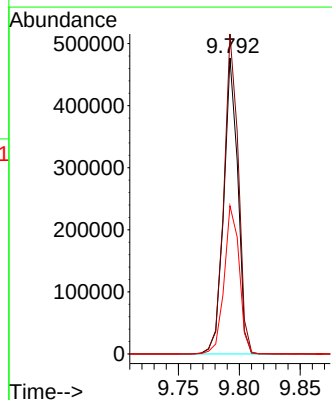
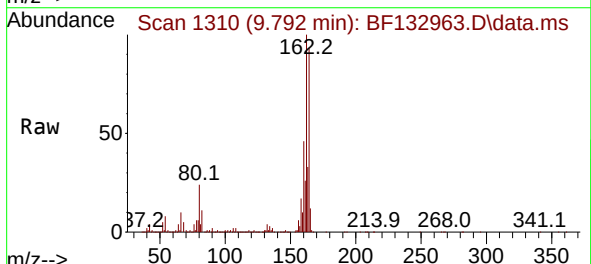
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

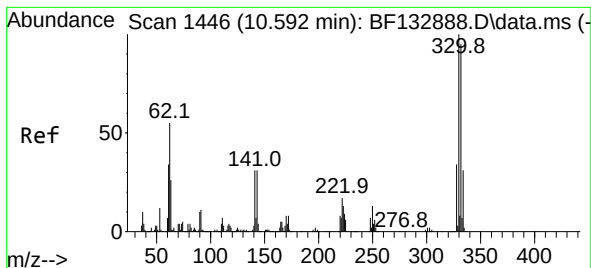
Tgt Ion: 82 Resp: 2480417
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion: 164 Resp: 383360
Ion Ratio Lower Upper
164 100
162 108.1 79.1 118.7
160 50.1 35.6 53.4

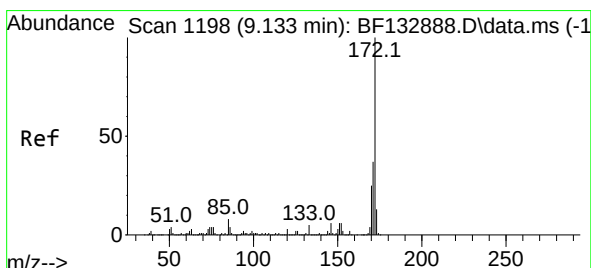
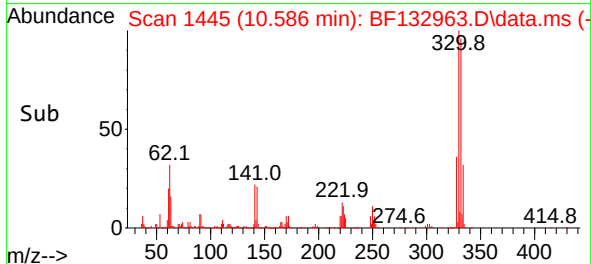
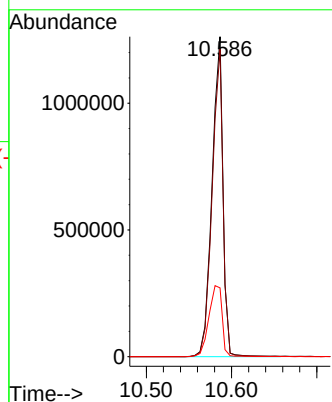
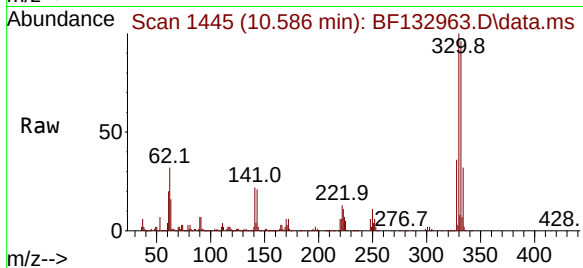




#42
2,4,6-Tribromophenol
Concen: 292.669 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

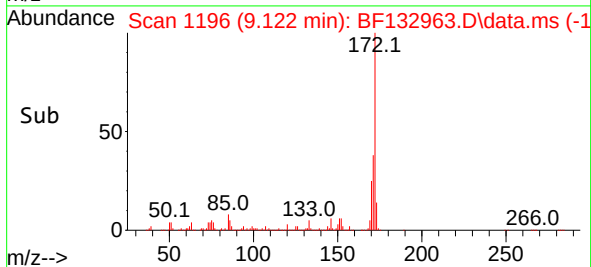
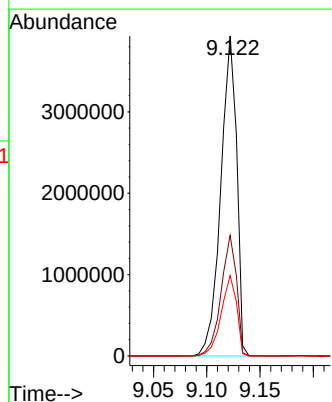
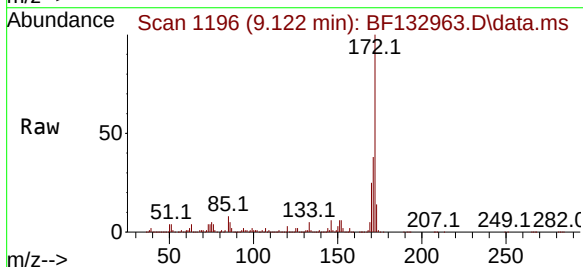
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

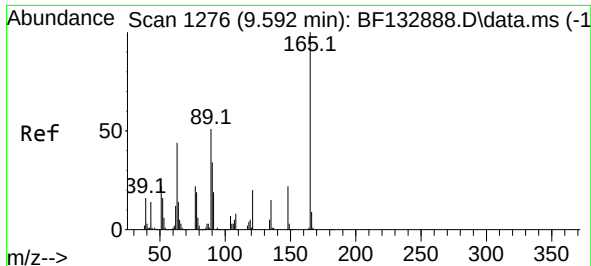
Tgt Ion:330 Resp: 1125347
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 26.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 163.024 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion:172 Resp: 4068209
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 25.1 20.1 30.1

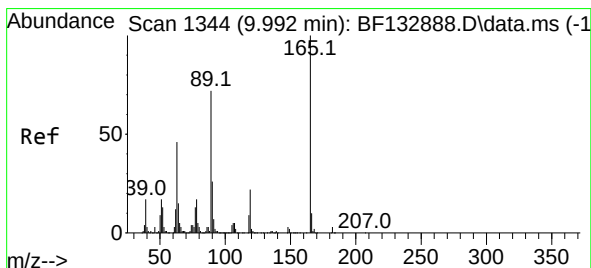
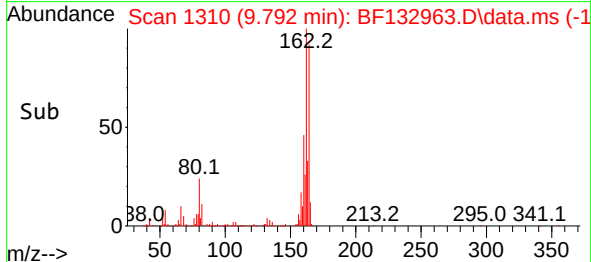
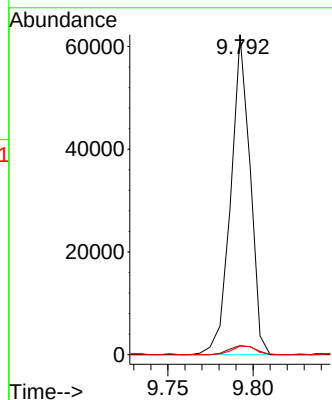
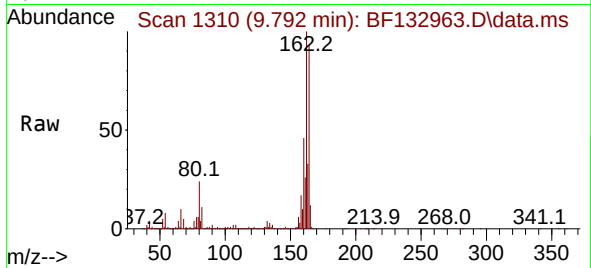




#51
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

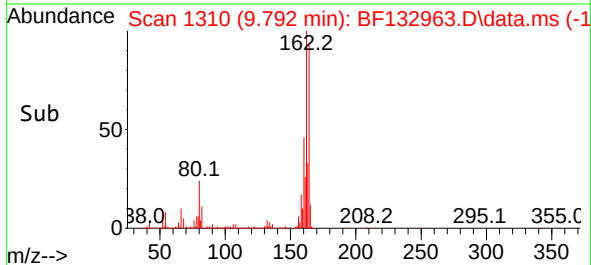
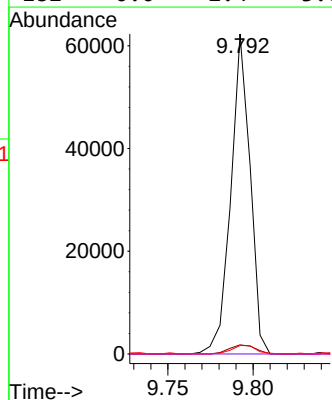
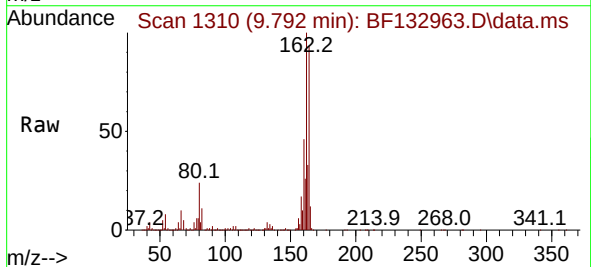
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

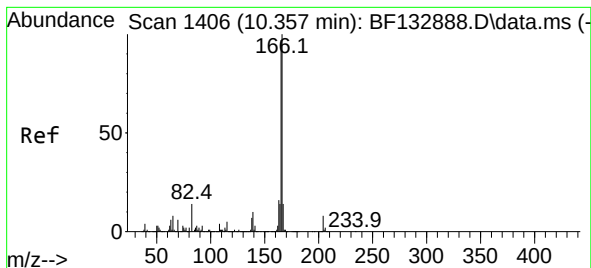
Tgt Ion:165 Resp: 48843
Ion Ratio Lower Upper
165 100
63 2.9 42.6 63.8#
89 2.6 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.810 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion:165 Resp: 48843
Ion Ratio Lower Upper
165 100
63 2.9 37.0 55.6#
89 2.6 57.8 86.6#
182 0.0 2.4 3.6#





#58

Fluorene

Concen: 2.004 ng

RT: 10.586 min Scan# 1406

Delta R.T. 0.241 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

Instrument :

BNA_F

ClientSampleId :

SPC-3WC-23-04-17

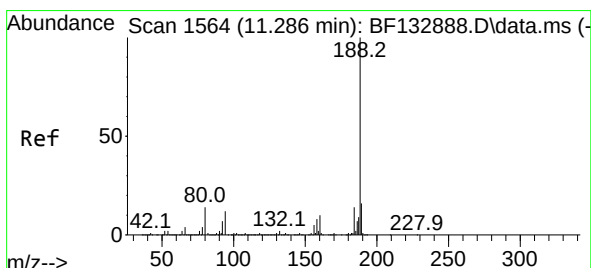
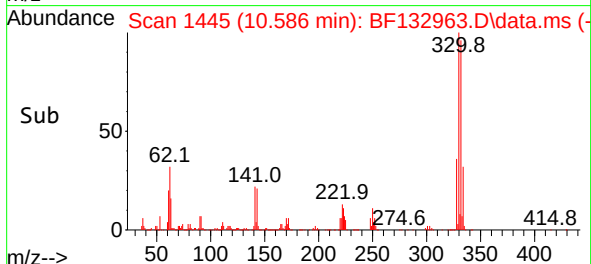
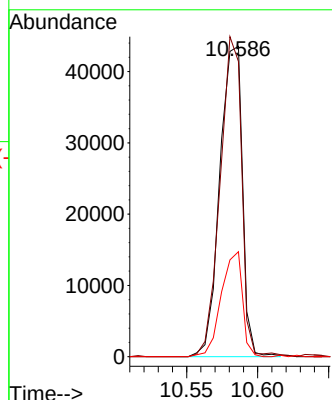
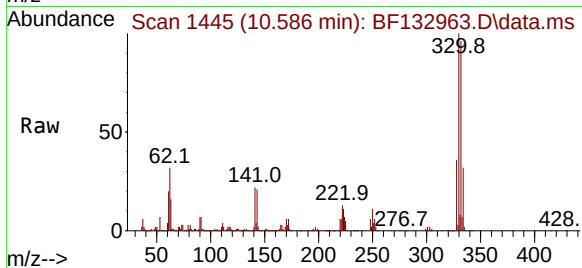
Tgt Ion:166 Resp: 48139

Ion Ratio Lower Upper

166 100

165 95.1 78.0 117.0

167 33.8 11.0 16.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

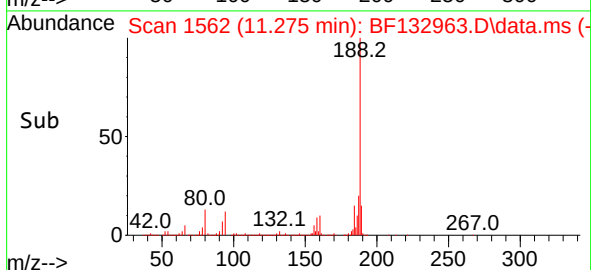
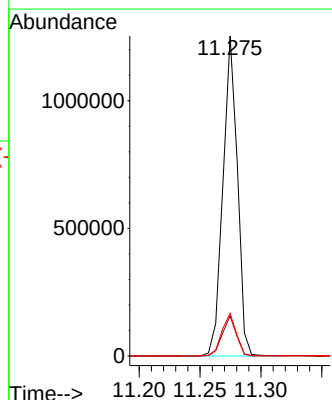
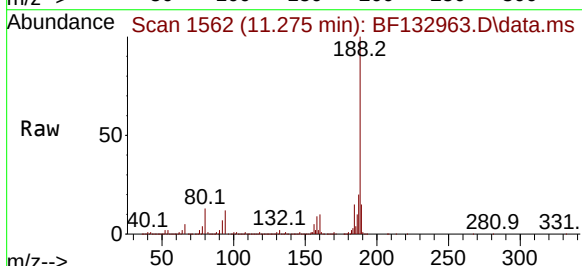
Tgt Ion:188 Resp: 1037078

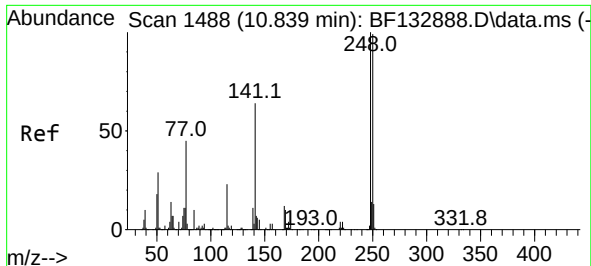
Ion Ratio Lower Upper

188 100

94 12.5 9.9 14.9

80 13.3 10.8 16.2

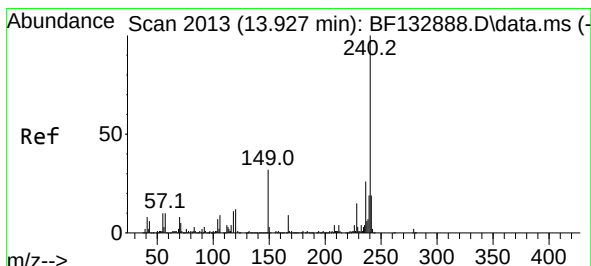
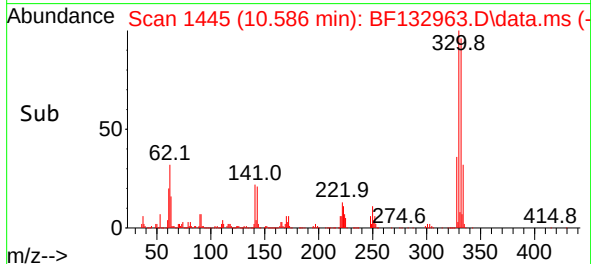
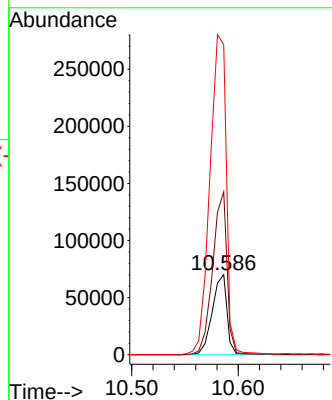
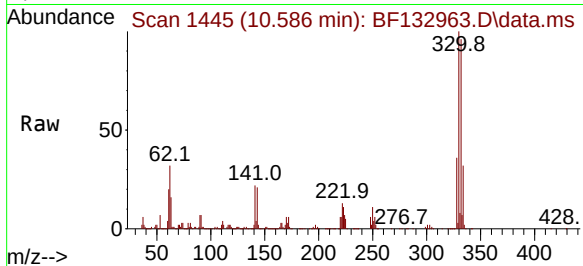




#67
4-Bromophenyl-phenylether
Concen: 5.684 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

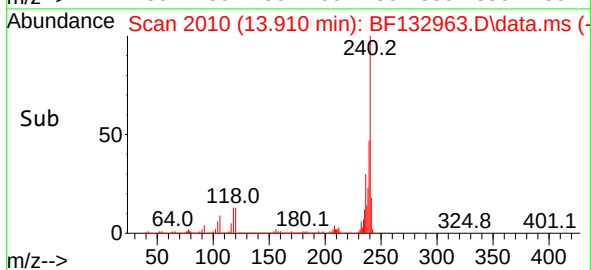
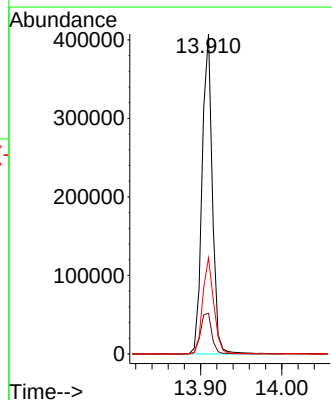
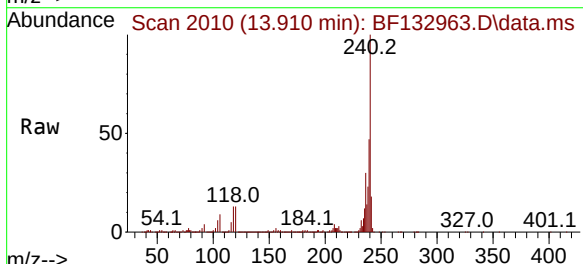
Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17

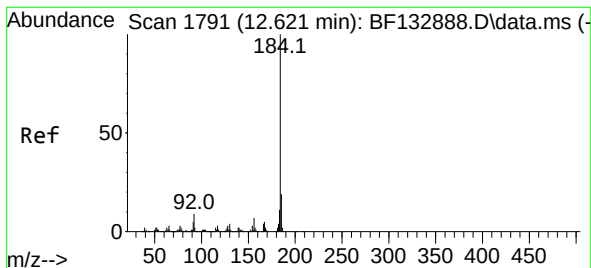
Tgt Ion:248 Resp: 67309
Ion Ratio Lower Upper
248 100
250 203.3 79.1 118.7#
141 387.6 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Tgt Ion:240 Resp: 358863
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 30.1 20.8 31.2





#77

Benzidine

Concen: 8.830 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.259 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

Instrument :

BNA_F

ClientSampleId :

SPC-3WC-23-04-17

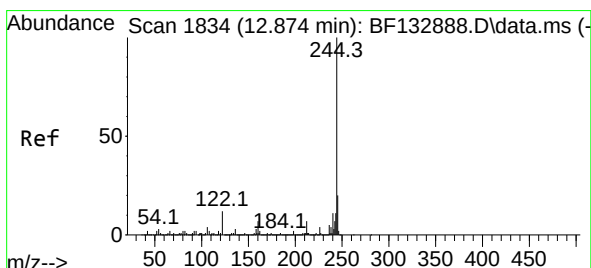
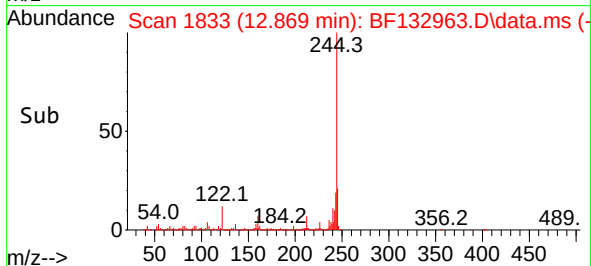
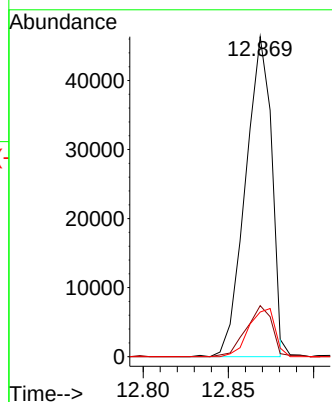
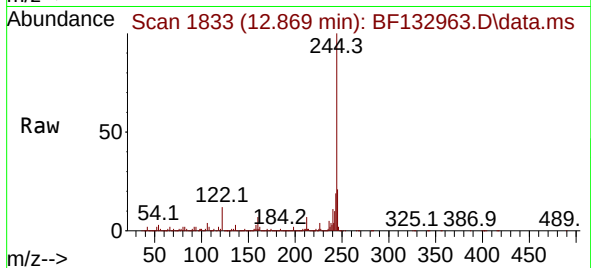
Tgt Ion:184 Resp: 49359

Ion Ratio Lower Upper

184 100

185 16.0 14.9 22.3

183 14.0 9.0 13.6#



#79

Terphenyl-d14

Concen: 187.311 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

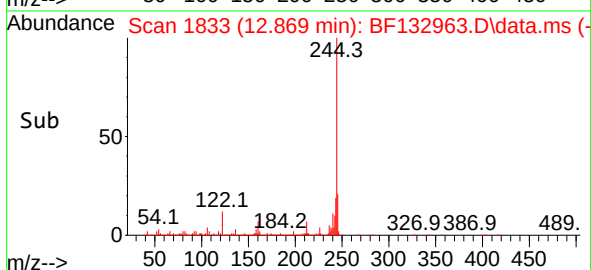
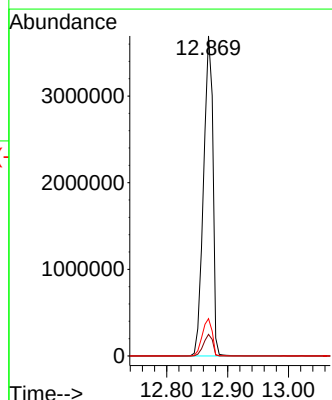
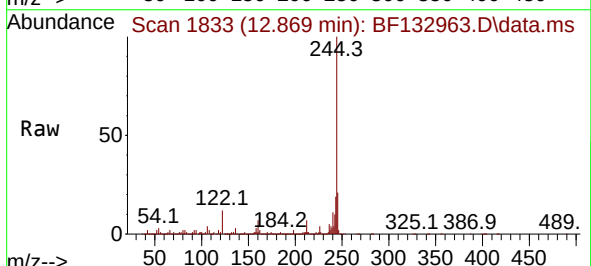
Tgt Ion:244 Resp: 3939971

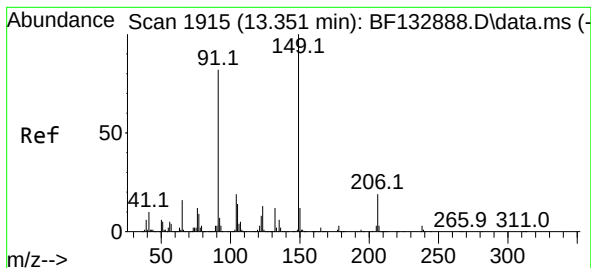
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.6 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.181 ng

RT: 13.327 min Scan# 1911

Delta R.T. -0.018 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

Instrument :

BNA_F

ClientSampleId :

SPC-3WC-23-04-17

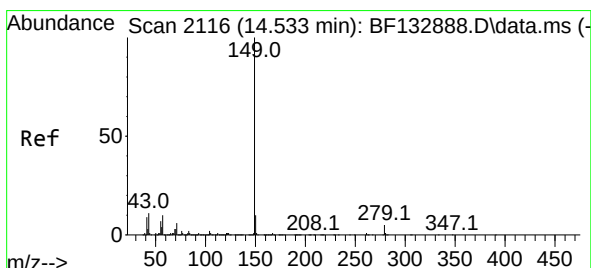
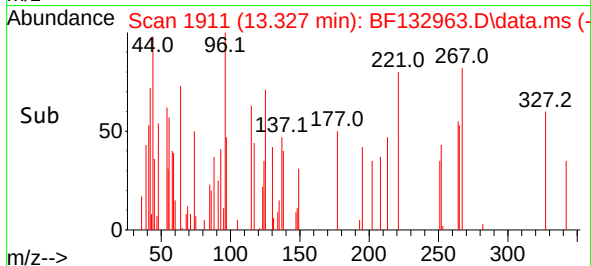
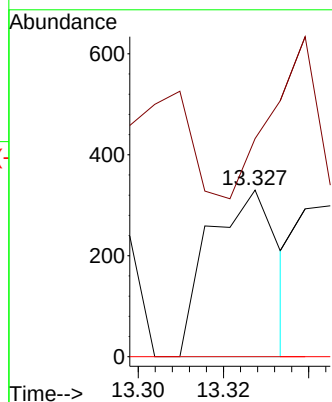
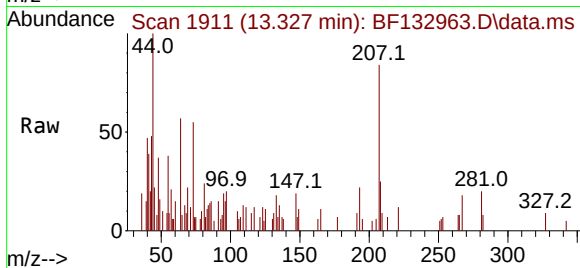
Tgt Ion:149 Resp: 372

Ion Ratio Lower Upper

149 100

91 130.9 65.4 98.0#

206 0.0 15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 6.407 ng

RT: 14.504 min Scan# 2111

Delta R.T. -0.018 min

Lab File: BF132963.D

Acq: 21 Apr 2023 04:50

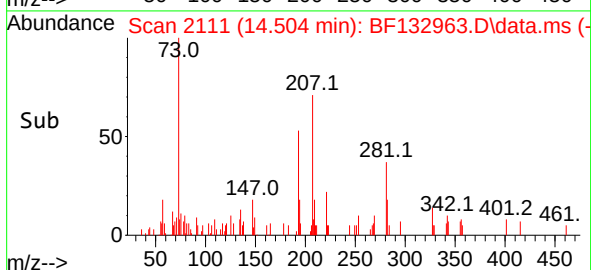
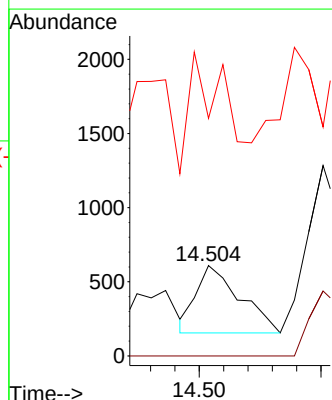
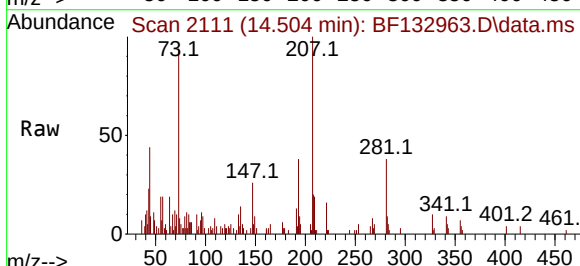
Tgt Ion:149 Resp: 567

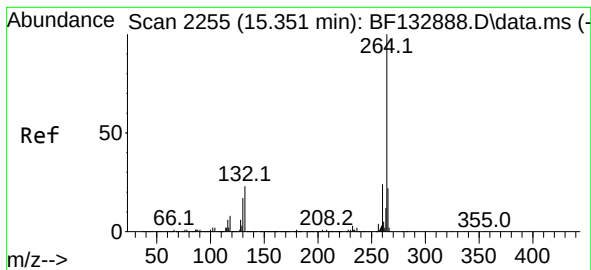
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

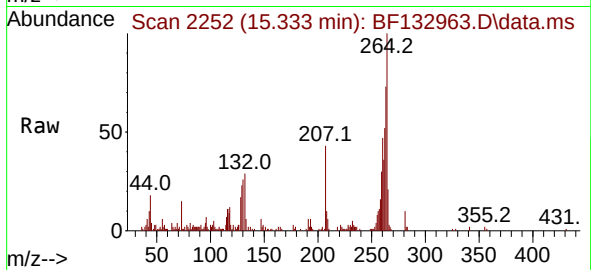
43 146.6 11.5 17.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132963.D
Acq: 21 Apr 2023 04:50

Instrument :
BNA_F
ClientSampleId :
SPC-3WC-23-04-17



Tgt Ion:	264	Resp:	23045
Ion Ratio	Lower	Upper	
264	100		
260	46.6	19.0	28.6#
265	20.8	17.7	26.5

