

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132959.D
 Acq On : 21 Apr 2023 02:46
 Operator : CG\JU
 Sample : 02389-28
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-7WC-23-04-17

Quant Time: Apr 21 03:57:16 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)

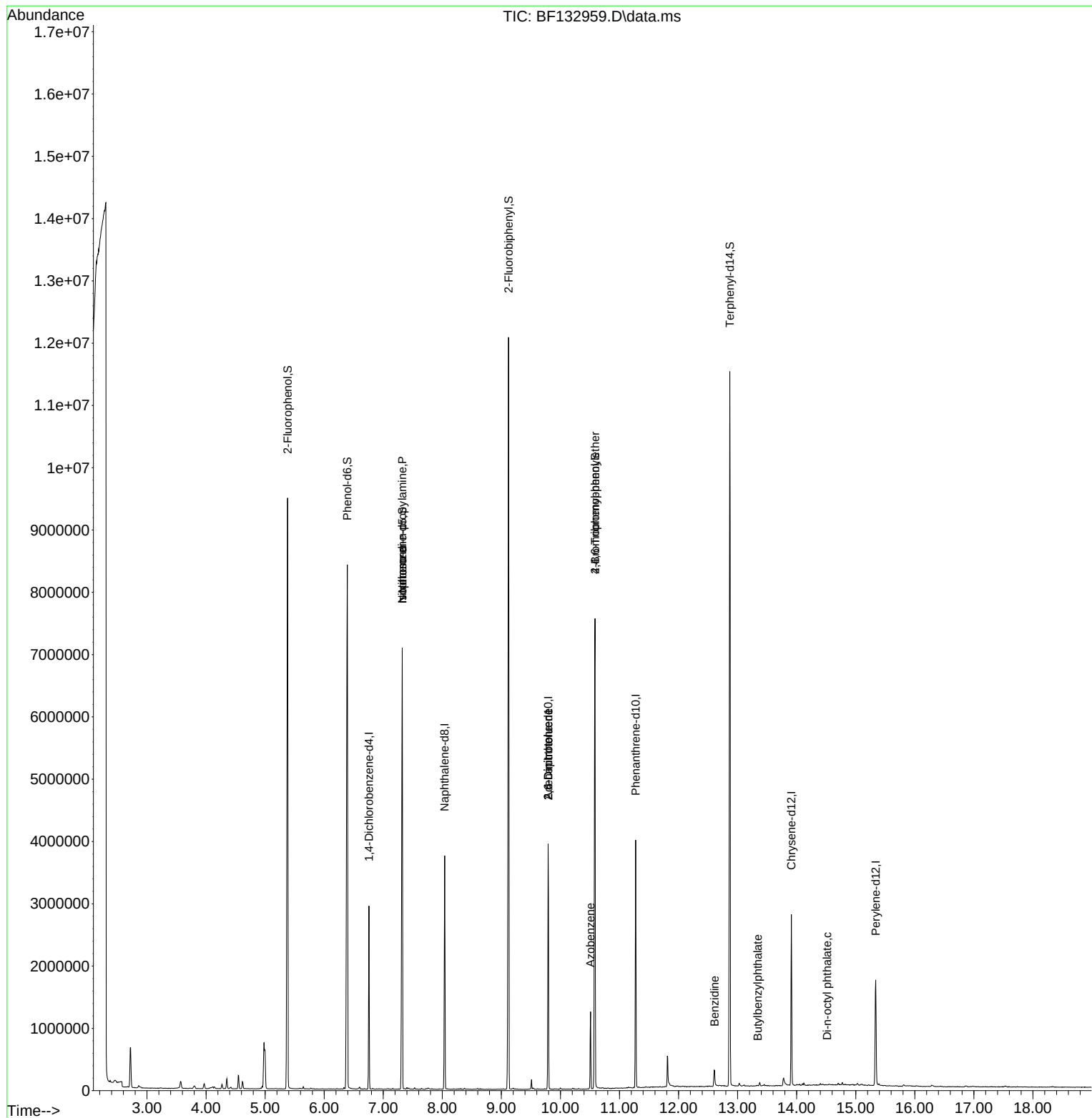
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	351236	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1436346	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	749177	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1287037	20.000	ng	0.00
76) Chrysene-d12	13.910	240	835545	20.000	ng	0.00
86) Perylene-d12	15.339	264	707413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2877261	128.093	ng	0.02
7) Phenol-d6	6.392	99	3521012	122.843	ng	0.00
23) Nitrobenzene-d5	7.322	82	2412439	87.547	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1078706	143.554	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3927316	80.531	ng	0.00
79) Terphenyl-d14	12.868	244	4502495	91.935	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	322472	18.024	ng	# 81
25) Isophorone	7.322	82	2407687	46.064	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	96358	8.485	ng	# 27
57) 2,4-Dinitrotoluene	9.792	165	96358	6.875	ng	# 23
63) Azobenzene	10.510	77	209849	3.881	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	62942	4.283	ng	# 1
77) Benzidine	12.610	184	75582	5.807	ng	99
80) Butylbenzylphthalate	13.339	149	974	5.187	ng	# 75
85) Di-n-octyl phthalate	14.515	149	457	6.392	ng	# 37

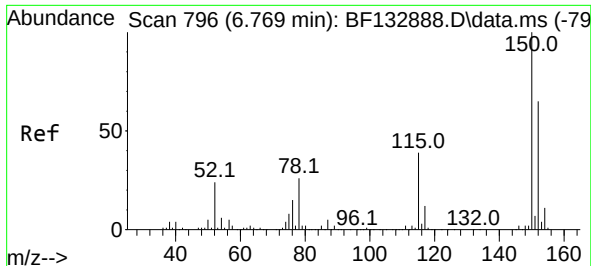
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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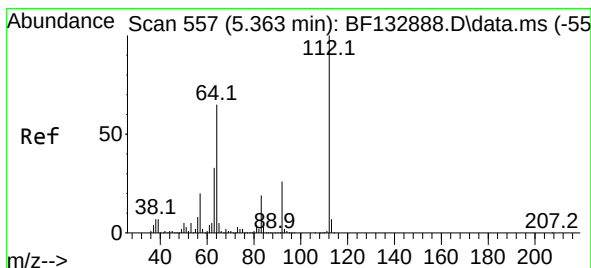
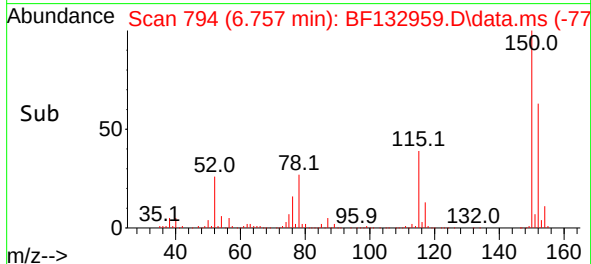
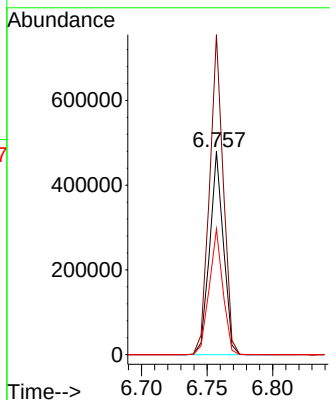
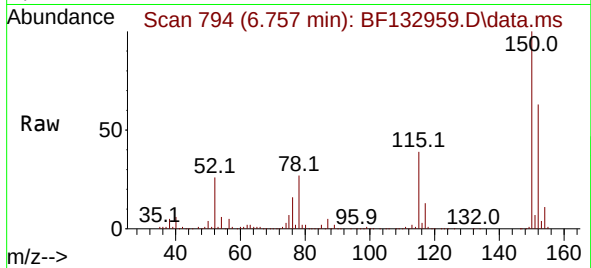




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

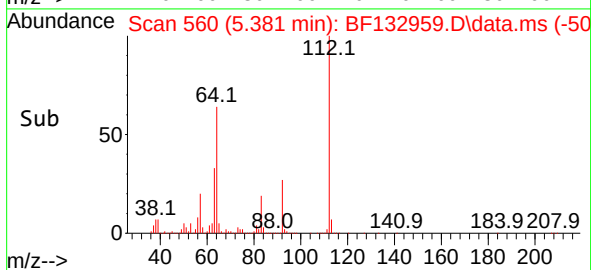
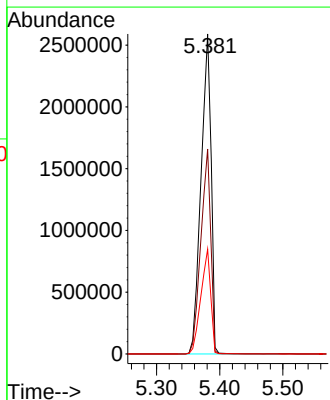
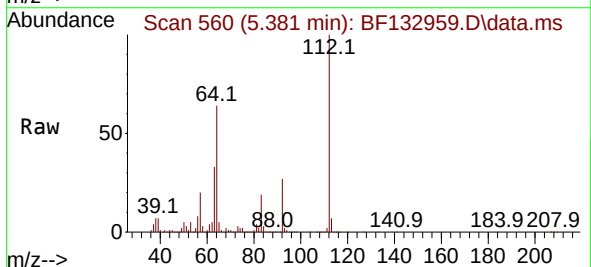
Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

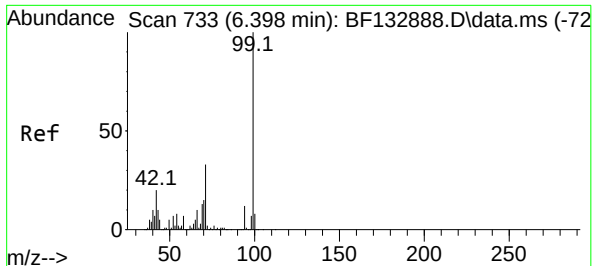
Tgt Ion:152 Resp: 351236
Ion Ratio Lower Upper
152 100
150 157.5 122.8 184.2
115 61.9 47.3 70.9



#5
2-Fluorophenol
Concen: 128.093 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion:112 Resp: 2877261
Ion Ratio Lower Upper
112 100
64 64.1 51.8 77.8
63 32.8 26.3 39.5

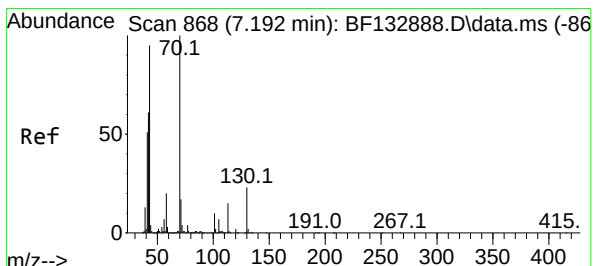
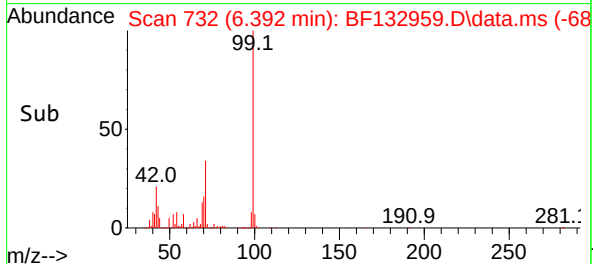
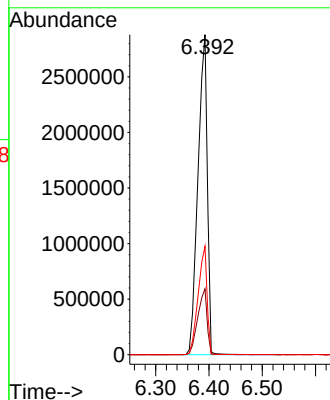
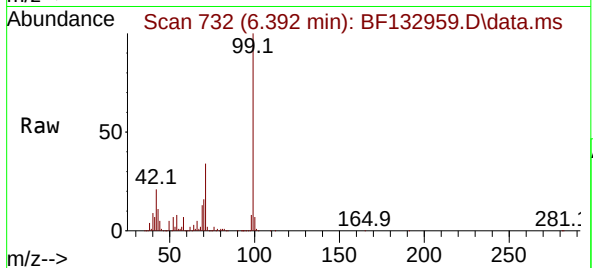




#7
Phenol-d6
Concen: 122.843 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

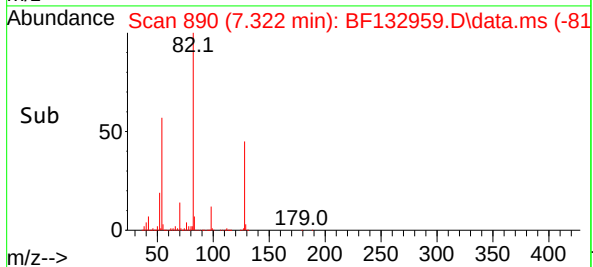
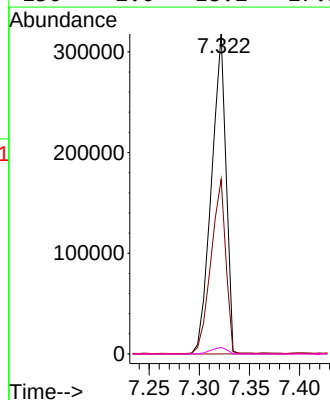
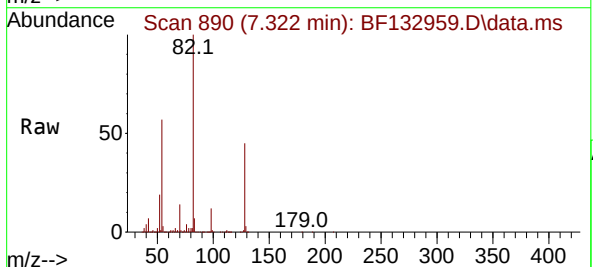
Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

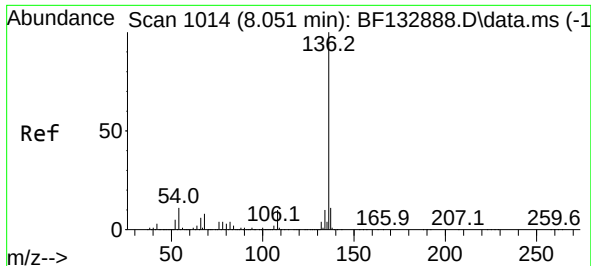
Tgt Ion: 99 Resp: 3521012
Ion Ratio Lower Upper
99 100
42 20.6 16.1 24.1
71 33.8 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.024 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion: 70 Resp: 322472
Ion Ratio Lower Upper
70 100
42 54.5 49.0 73.6
101 0.0 8.1 12.1#
130 2.0 18.2 27.2#



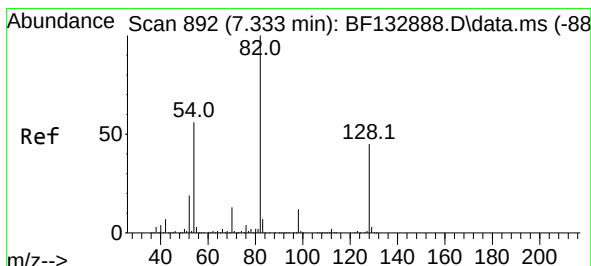
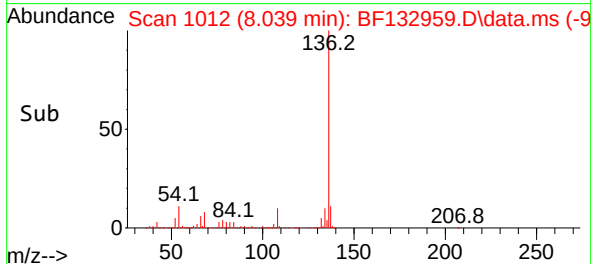
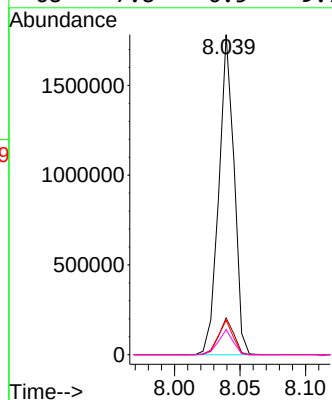
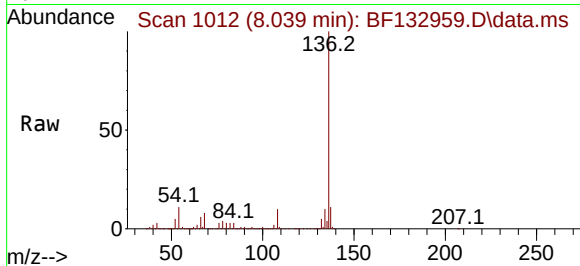


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

Tgt Ion:136 Resp: 1436346

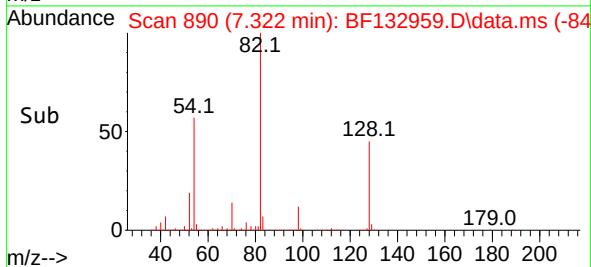
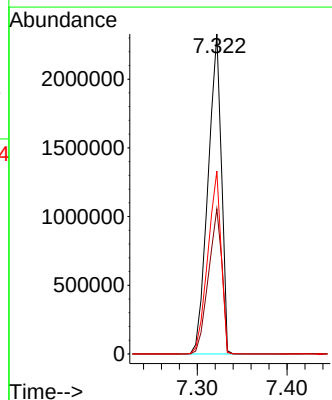
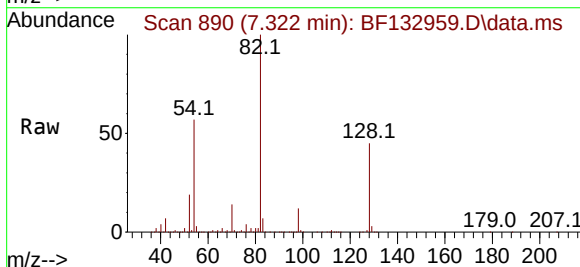
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	10.8	8.9	13.3
68	7.8	6.5	9.7

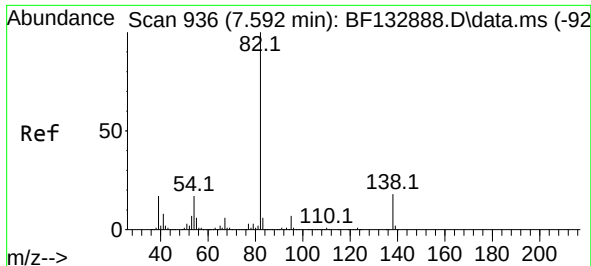


#23
Nitrobenzene-d5
Concen: 87.547 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion: 82 Resp: 2412439

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	57.2	44.7	67.1

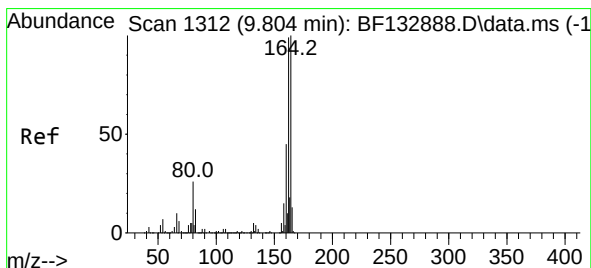
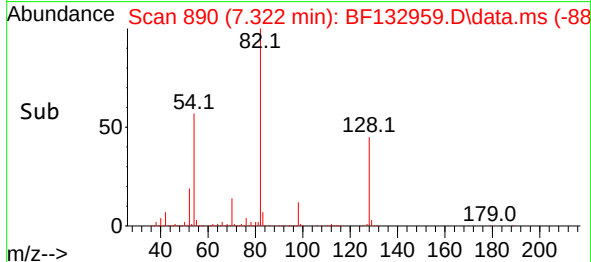
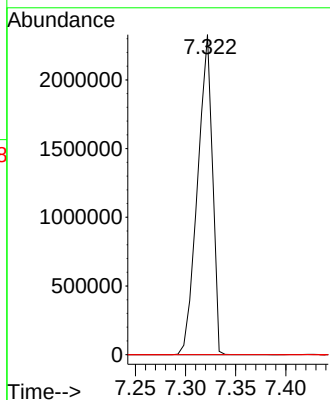
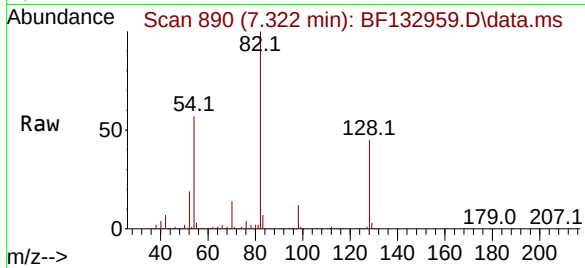




#25
Isophorone
Concen: 46.064 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

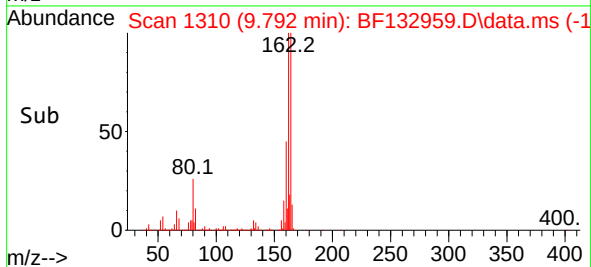
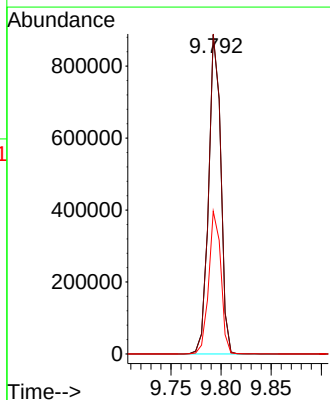
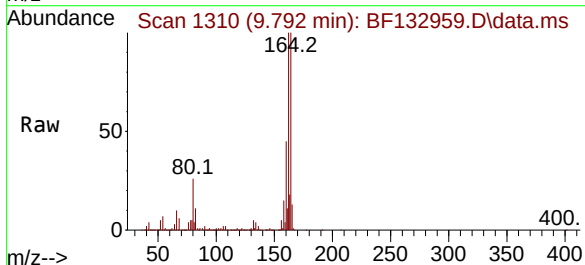
Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

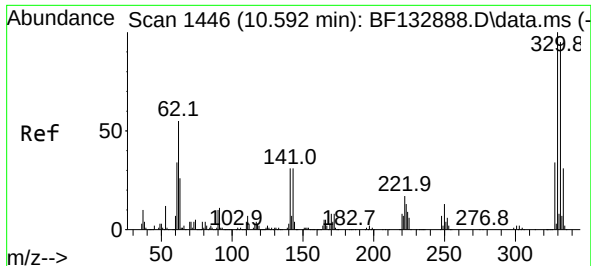
Tgt Ion: 82 Resp: 2407687
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion:164 Resp: 749177
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 44.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 143.554 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132959.D

Acq: 21 Apr 2023 02:46

Instrument :

BNA_F

ClientSampleId :

SPB-7WC-23-04-17

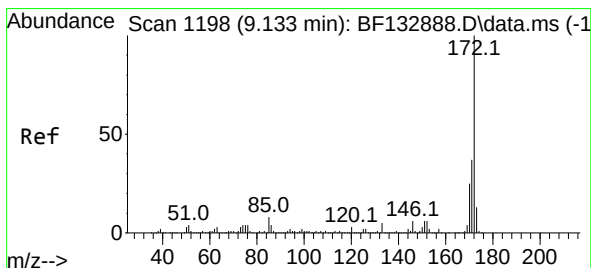
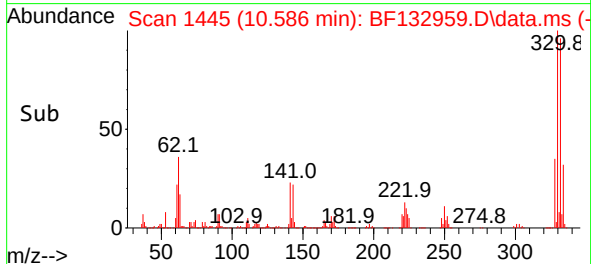
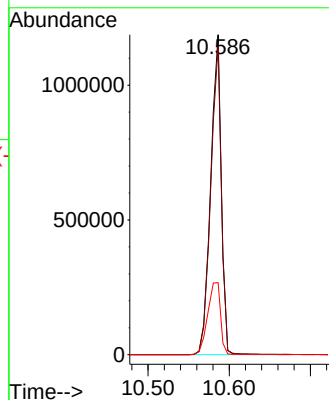
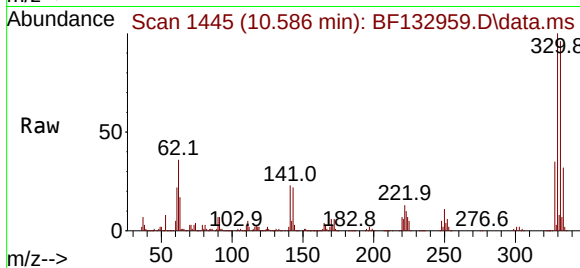
Tgt Ion:330 Resp: 1078706

Ion Ratio Lower Upper

330 100

332 96.2 76.3 114.5

141 27.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 80.531 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132959.D

Acq: 21 Apr 2023 02:46

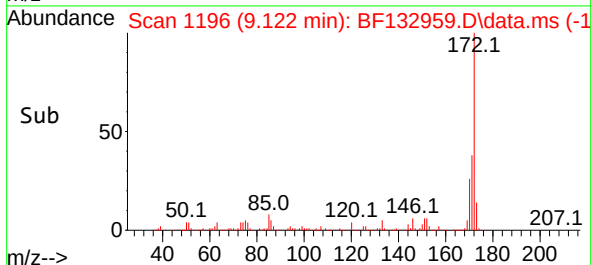
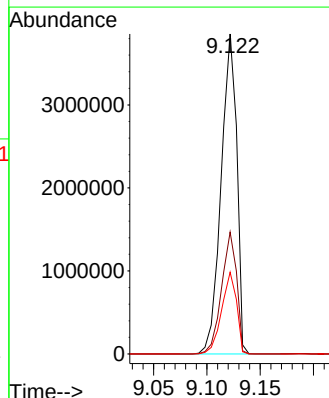
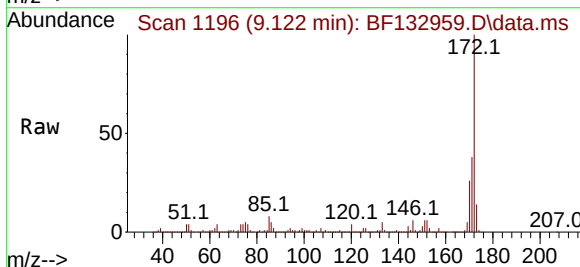
Tgt Ion:172 Resp: 3927316

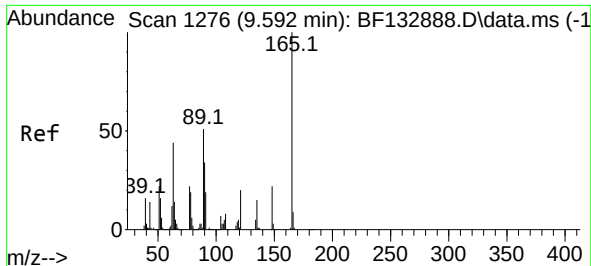
Ion Ratio Lower Upper

172 100

171 38.1 29.4 44.0

170 25.6 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.485 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.212 min

Lab File: BF132959.D

Acq: 21 Apr 2023 02:46

Instrument :

BNA_F

ClientSampleId :

SPB-7WC-23-04-17

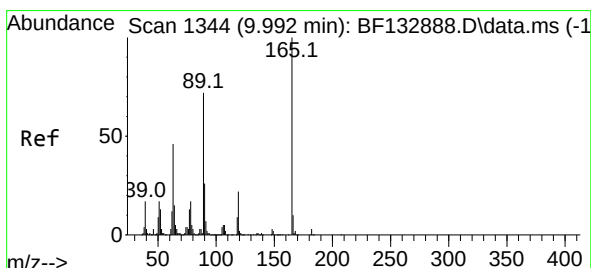
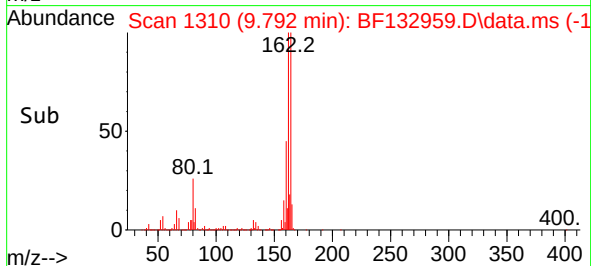
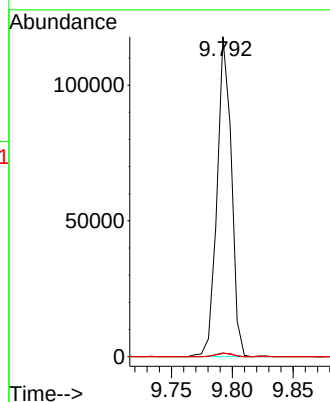
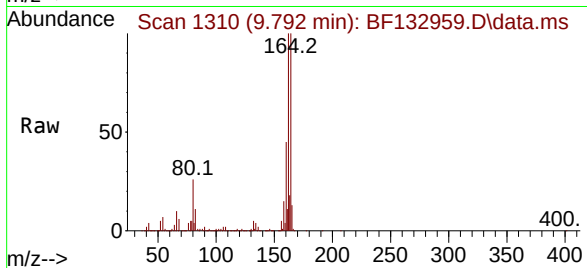
Tgt Ion:165 Resp: 96358

Ion Ratio Lower Upper

165 100

63 1.2 42.6 63.8#

89 0.9 41.0 61.4#



#57

2,4-Dinitrotoluene

Concen: 6.875 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.194 min

Lab File: BF132959.D

Acq: 21 Apr 2023 02:46

Tgt Ion:165 Resp: 96358

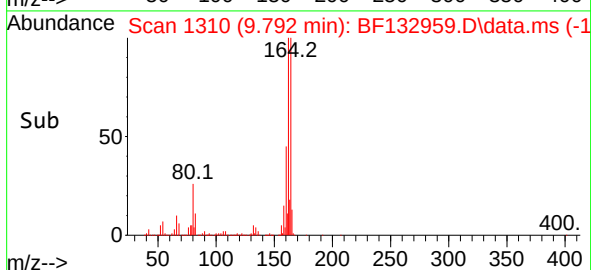
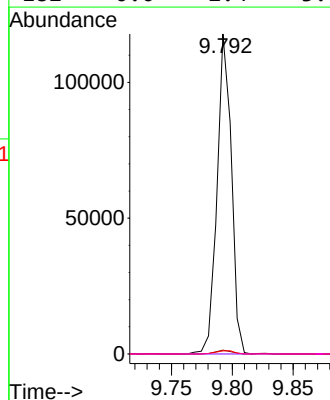
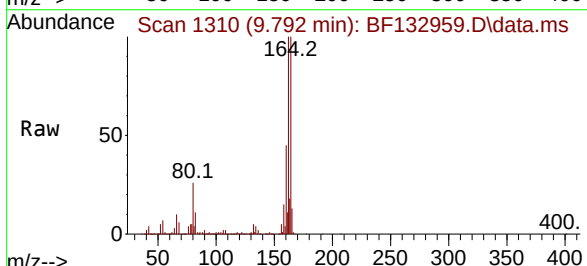
Ion Ratio Lower Upper

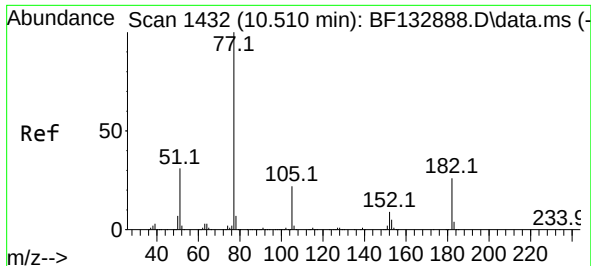
165 100

63 1.2 37.0 55.6#

89 0.9 57.8 86.6#

182 0.0 2.4 3.6#

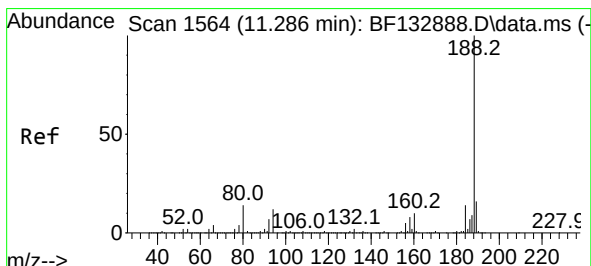
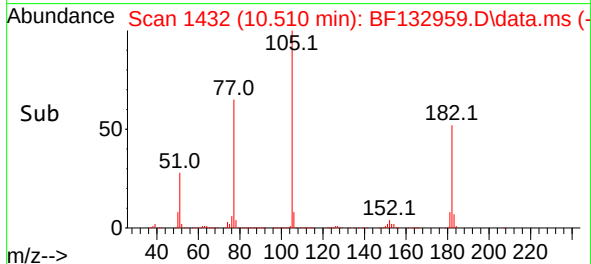
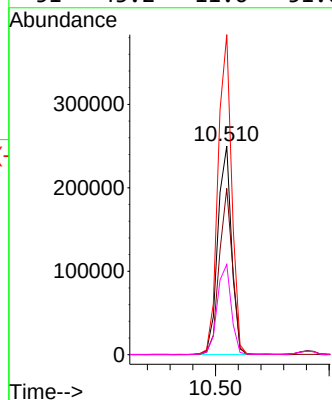
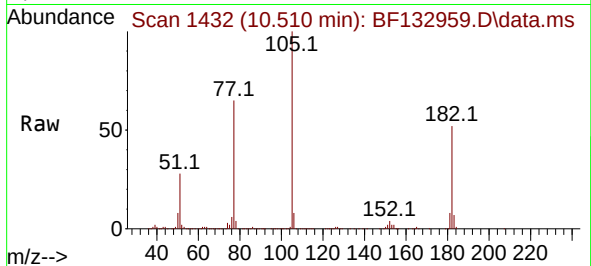




#63
Azobenzene
Concen: 3.881 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

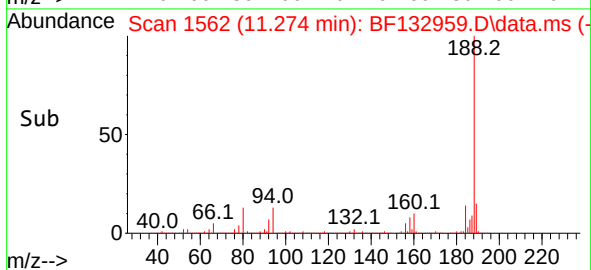
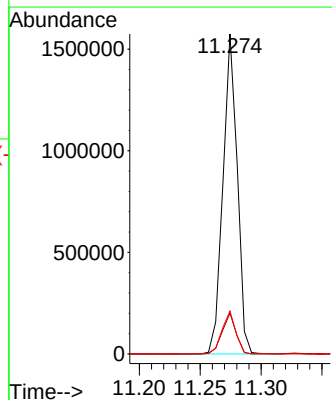
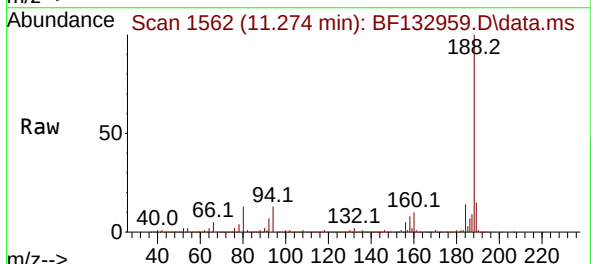
Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

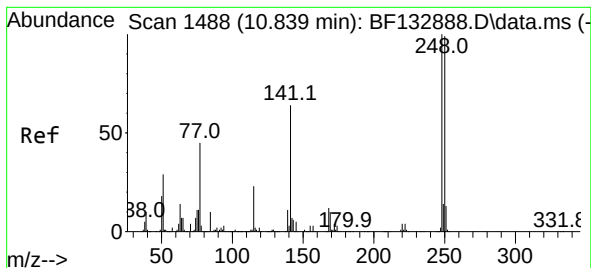
Tgt Ion: 77 Resp: 209849
Ion Ratio Lower Upper
77 100
182 79.7 6.0 46.0#
105 153.3 1.6 41.6#
51 43.2 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion: 188 Resp: 1287037
Ion Ratio Lower Upper
188 100
94 12.8 9.9 14.9
80 13.4 10.8 16.2

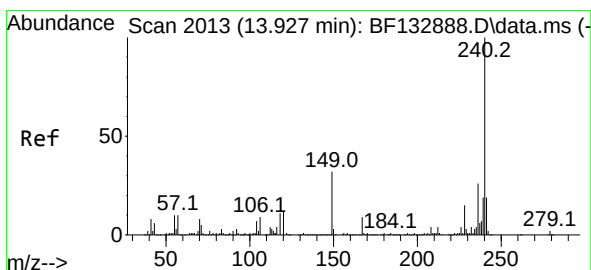
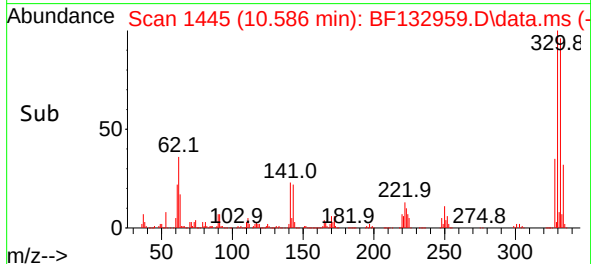
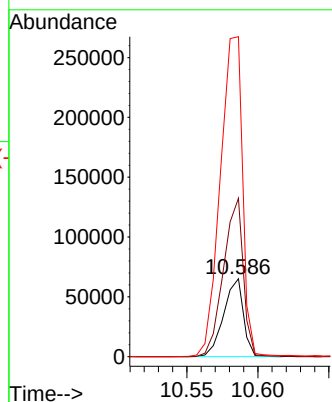
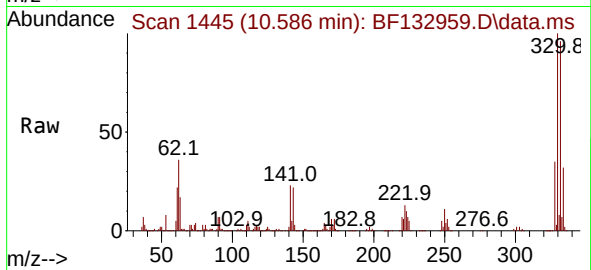




#67
4-Bromophenyl-phenylether
Concen: 4.283 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

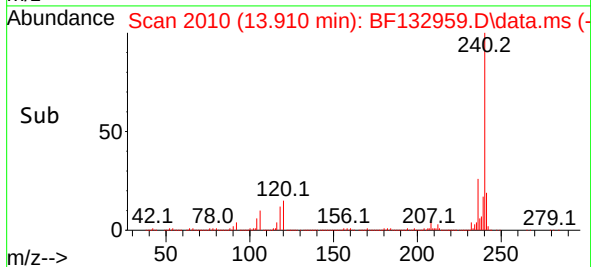
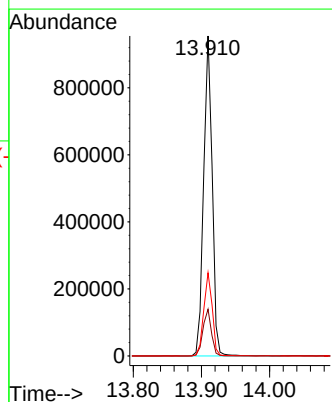
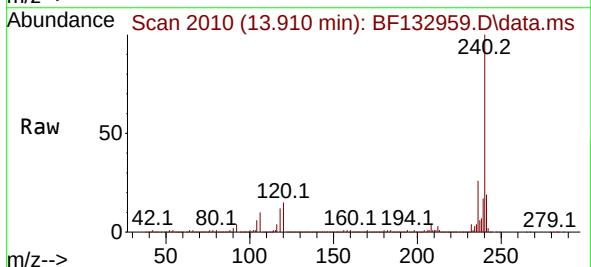
Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

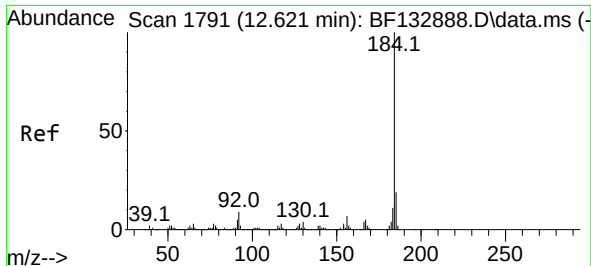
Tgt Ion:248 Resp: 62942
Ion Ratio Lower Upper
248 100
250 203.2 79.1 118.7#
141 410.4 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion:240 Resp: 835545
Ion Ratio Lower Upper
240 100
120 14.6 10.0 15.0
236 26.0 20.8 31.2

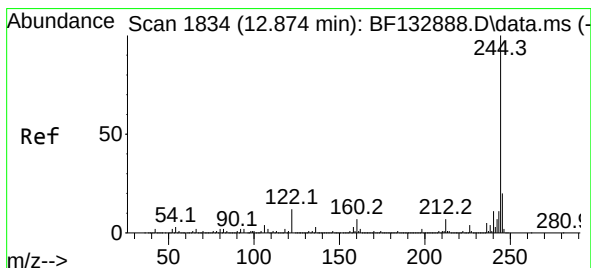
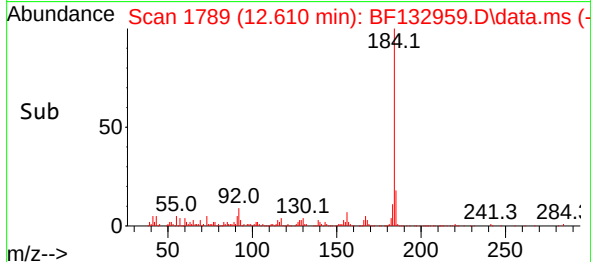
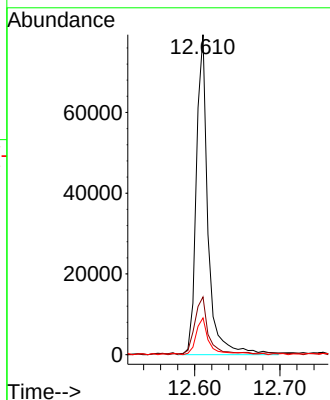
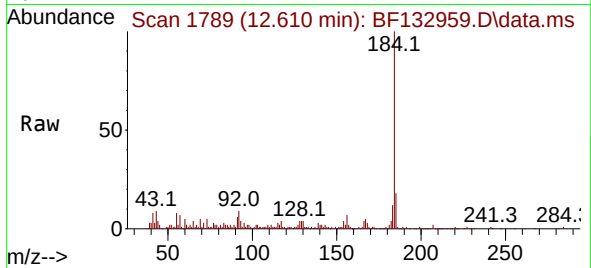




#77
Benzidine
Concen: 5.807 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

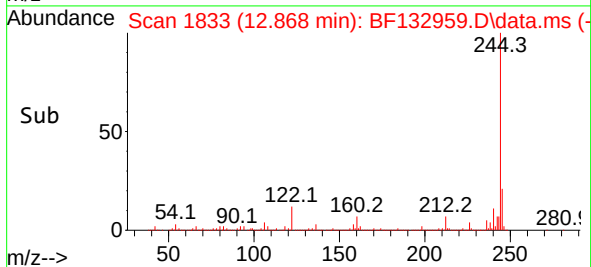
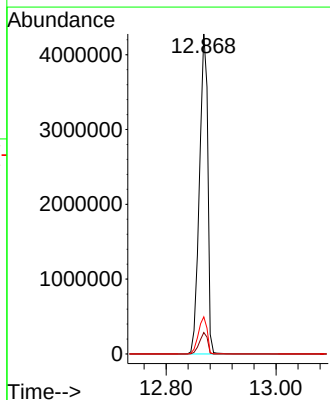
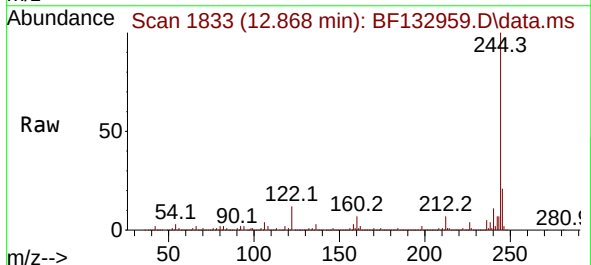
Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17

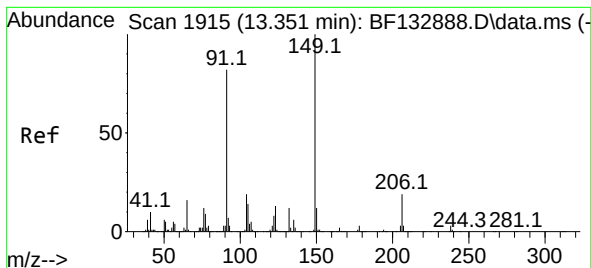
Tgt Ion:184 Resp: 75582
Ion Ratio Lower Upper
184 100
185 18.1 14.9 22.3
183 11.5 9.0 13.6



#79
Terphenyl-d14
Concen: 91.935 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Tgt Ion:244 Resp: 4502495
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.6 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.187 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BF132959.D

Acq: 21 Apr 2023 02:46

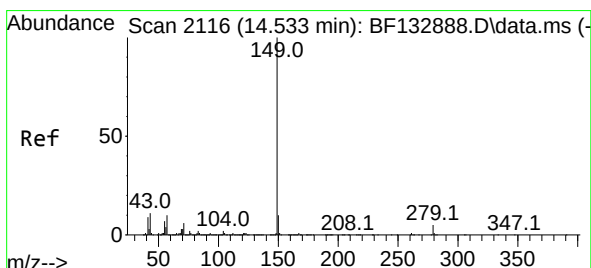
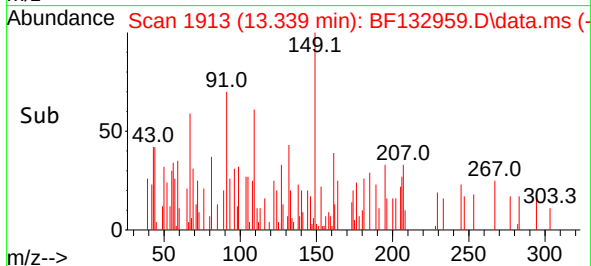
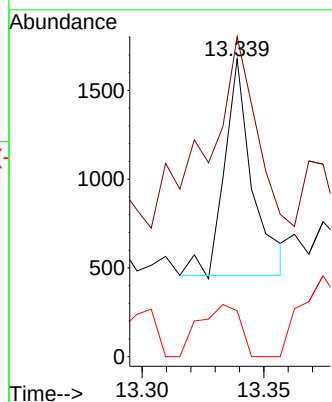
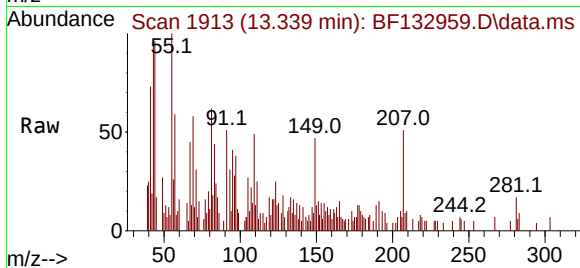
Instrument :

BNA_F

ClientSampleId :

SPB-7WC-23-04-17

Tgt Ion:149	Resp:	974
Ion Ratio	Lower	Upper
149	100	
91	107.4	65.4 98.0#
206	15.4	15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 6.392 ng

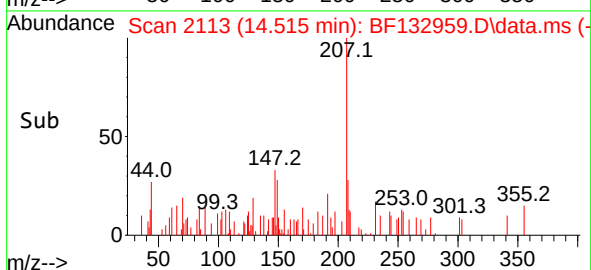
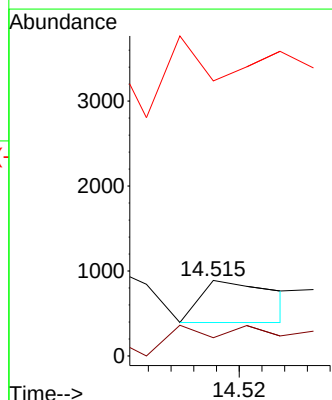
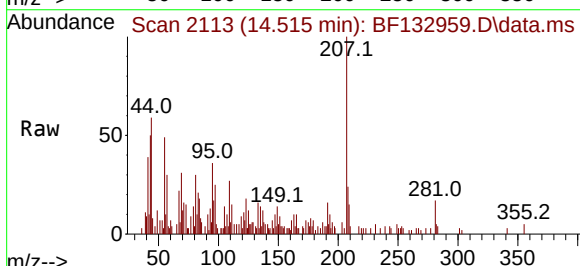
RT: 14.515 min Scan# 2113

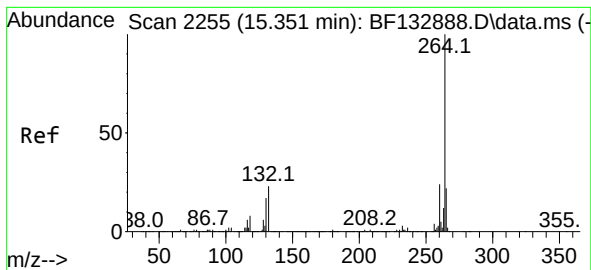
Delta R.T. -0.006 min

Lab File: BF132959.D

Acq: 21 Apr 2023 02:46

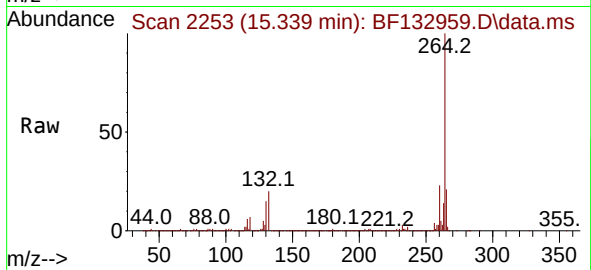
Tgt Ion:149	Resp:	457
Ion Ratio	Lower	Upper
149	100	
167	128.7	1.2 1.8#
43	0.0	11.5 17.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132959.D
Acq: 21 Apr 2023 02:46

Instrument :
BNA_F
ClientSampleId :
SPB-7WC-23-04-17



Tgt Ion:264 Resp: 707413

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	20.9	17.7	26.5

