

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132956.D
 Acq On : 21 Apr 2023 01:12
 Operator : CG\JU
 Sample : 02389-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-6WC-23-04-17

Quant Time: Apr 21 03:56:19 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)

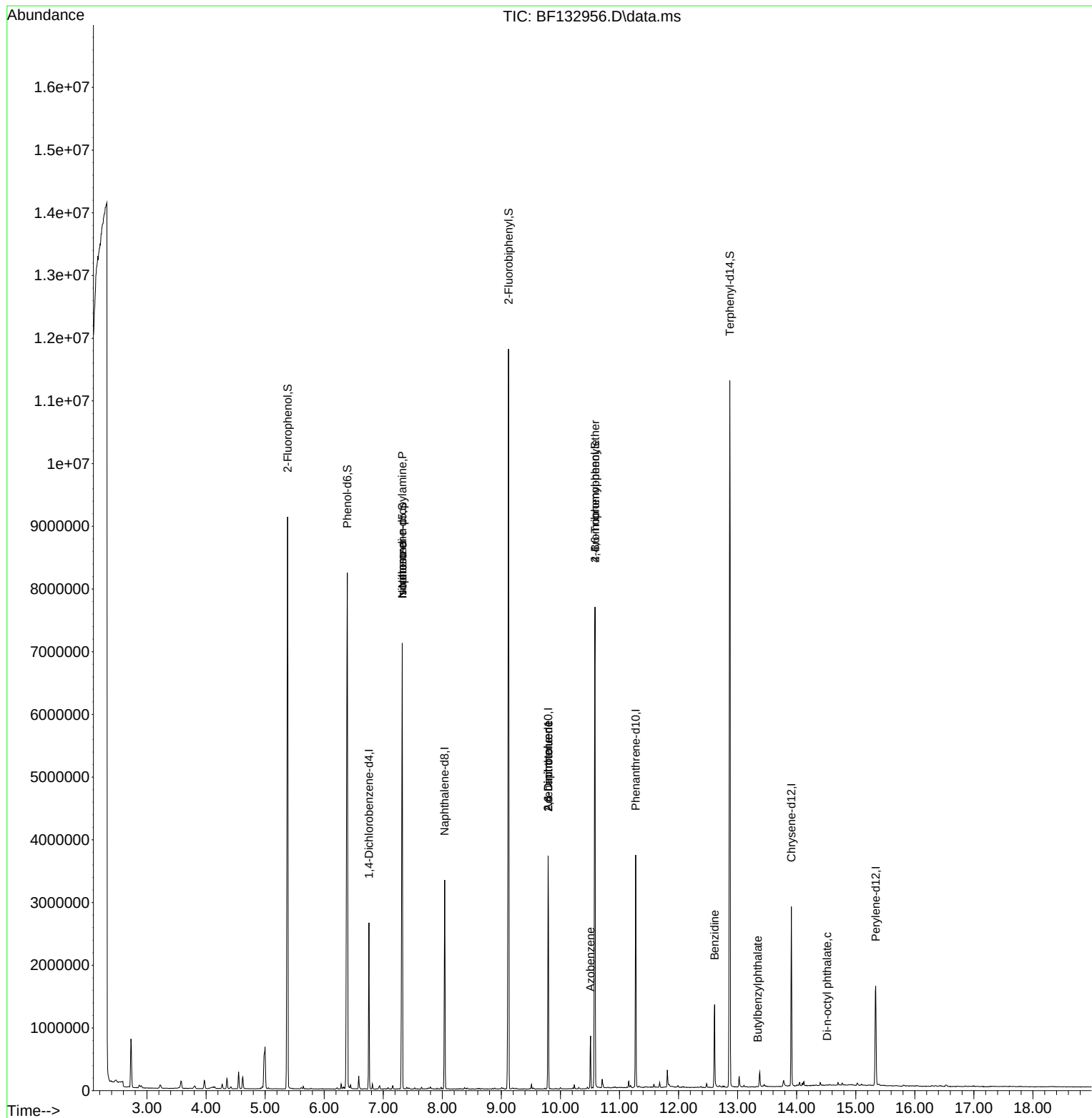
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	327621	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1332103	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	687375	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1201816	20.000	ng	0.00
76) Chrysene-d12	13.910	240	825400	20.000	ng	0.00
86) Perylene-d12	15.339	264	676389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2836029	135.358	ng	0.02
7) Phenol-d6	6.392	99	3403186	127.290	ng	0.00
23) Nitrobenzene-d5	7.322	82	2345965	91.797	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1058189	153.485	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3799221	84.909	ng	0.00
79) Terphenyl-d14	12.868	244	4594581	94.968	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	316376	18.958	ng	# 81
25) Isophorone	7.322	82	2342989	48.334	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	89585	8.598	ng	# 27
57) 2,4-Dinitrotoluene	9.792	165	89585	6.966	ng	# 23
63) Azobenzene	10.510	77	139468	2.812	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	64108	4.671	ng	# 1
77) Benzidine	12.610	184	451501	35.115	ng	96
80) Butylbenzylphthalate	13.339	149	858	5.181	ng	# 87
85) Di-n-octyl phthalate	14.515	149	371	6.390	ng	# 26

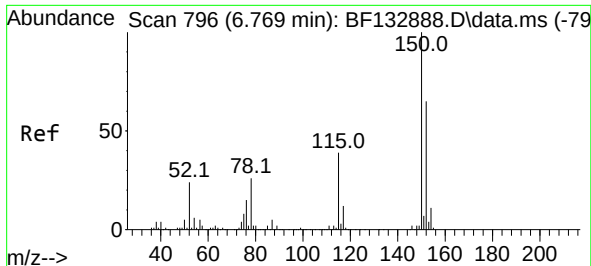
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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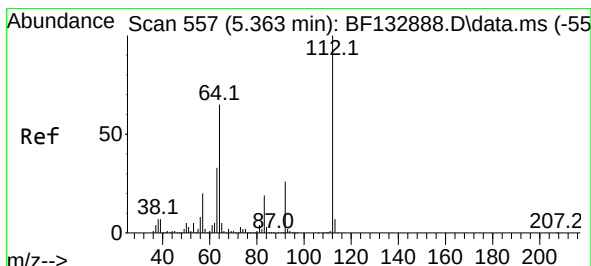
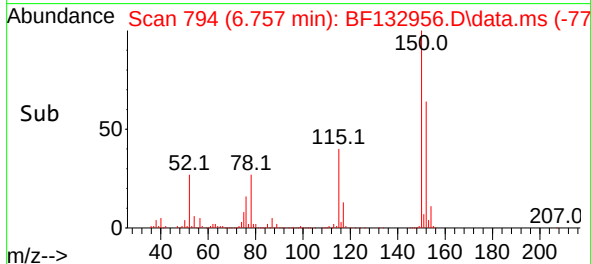
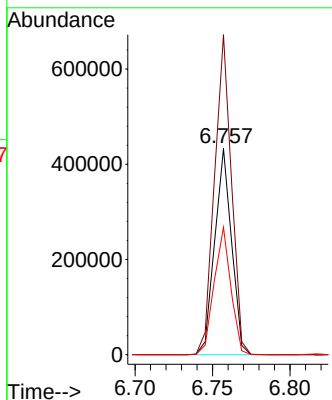
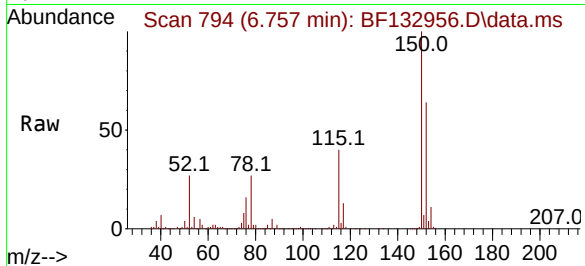




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BF132956.D
 Acq: 21 Apr 2023 01:12

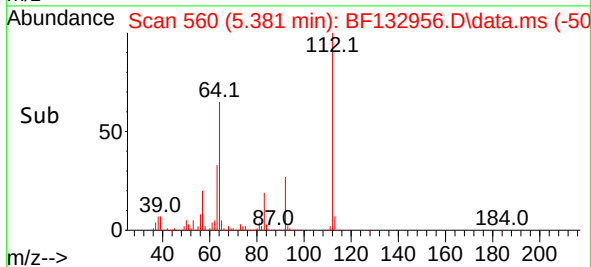
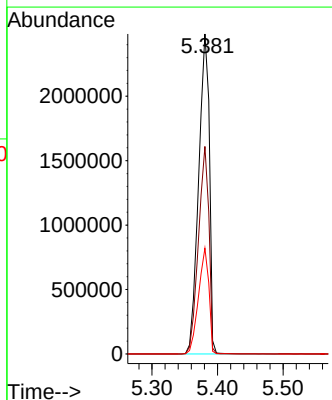
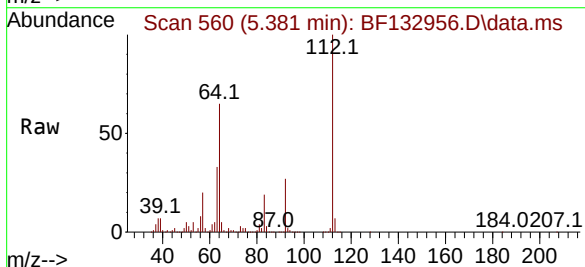
Instrument :
 BNA_F
 ClientSampleId :
 SPB-6WC-23-04-17

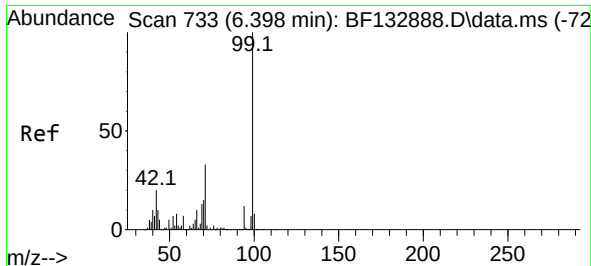
Tgt Ion:152 Resp: 327621
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.8 184.2
 115 61.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 135.358 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.023 min
 Lab File: BF132956.D
 Acq: 21 Apr 2023 01:12

Tgt Ion:112 Resp: 2836029
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.8 77.8
 63 33.0 26.3 39.5

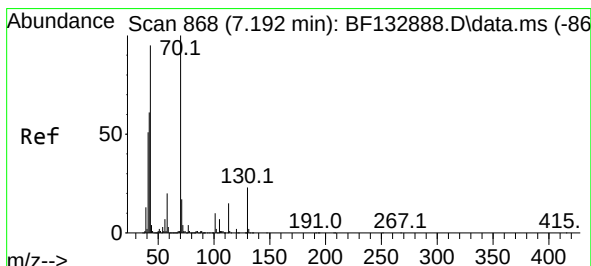
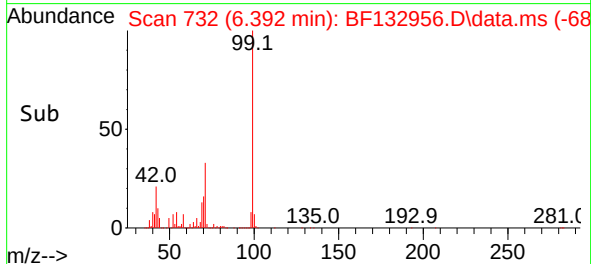
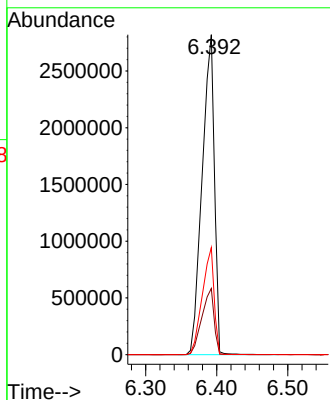
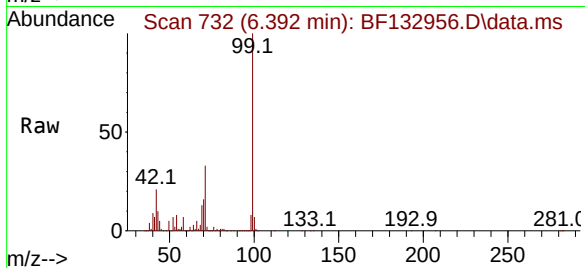




#7
Phenol-d6
Concen: 127.290 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

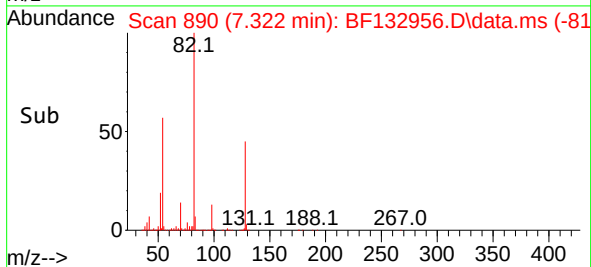
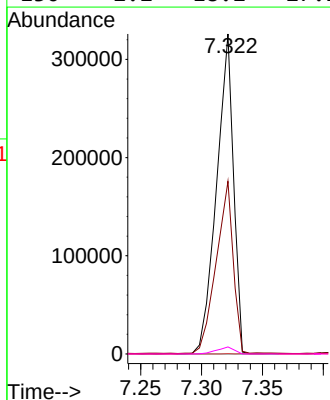
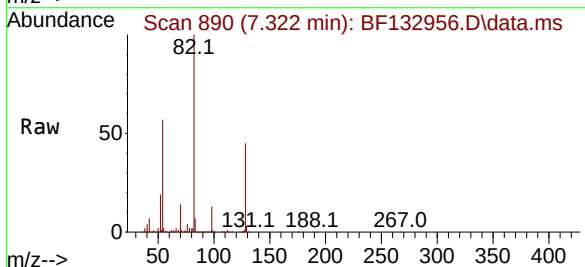
Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

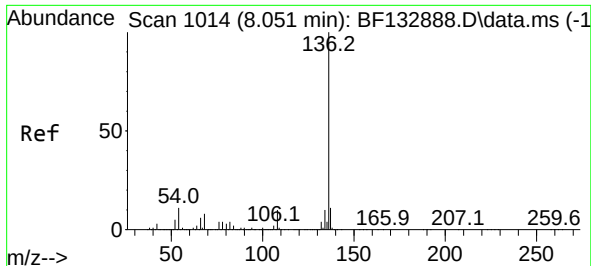
Tgt Ion: 99 Resp: 3403186
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.958 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion: 70 Resp: 316376
Ion Ratio Lower Upper
70 100
42 53.9 49.0 73.6
101 0.1 8.1 12.1#
130 2.2 18.2 27.2#

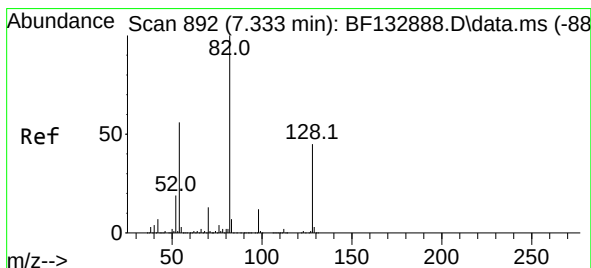
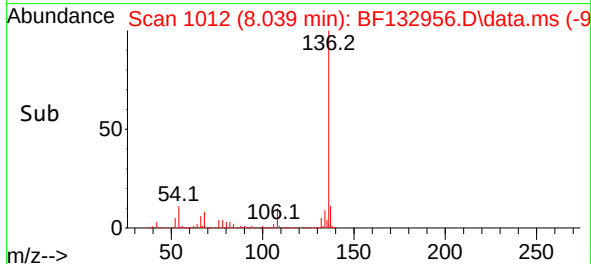
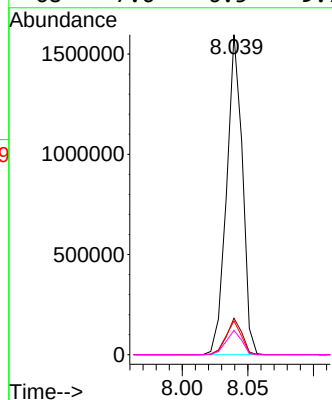
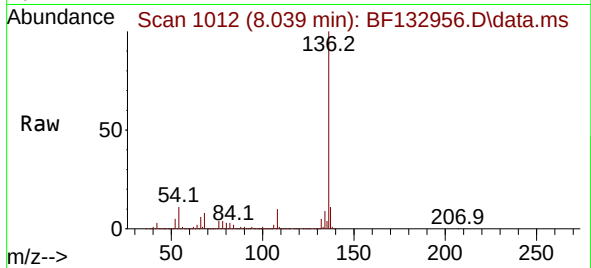




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

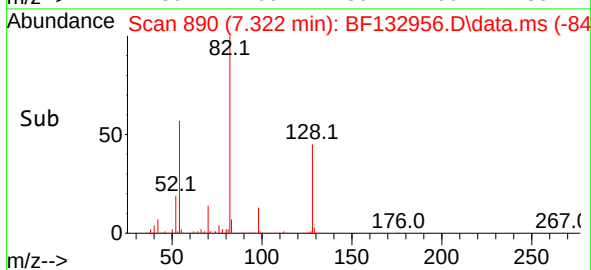
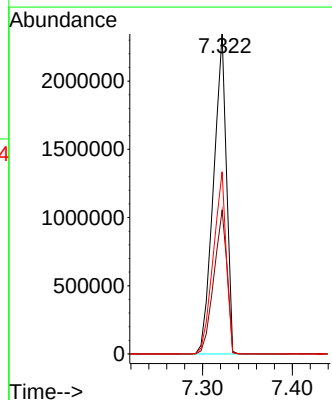
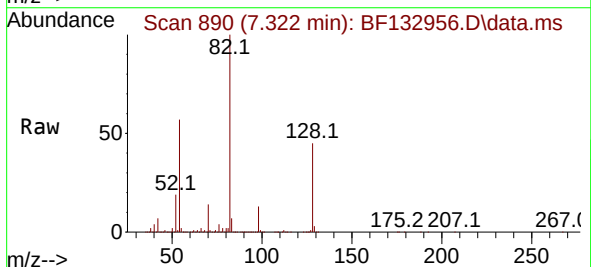
Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

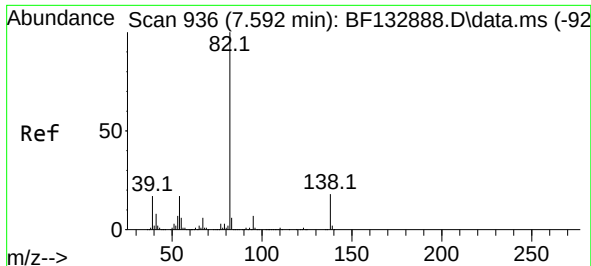
Tgt Ion:136 Resp: 1332103
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.5 8.9 13.3
68 7.6 6.5 9.7



#23
Nitrobenzene-d5
Concen: 91.797 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion: 82 Resp: 2345965
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 56.9 44.7 67.1

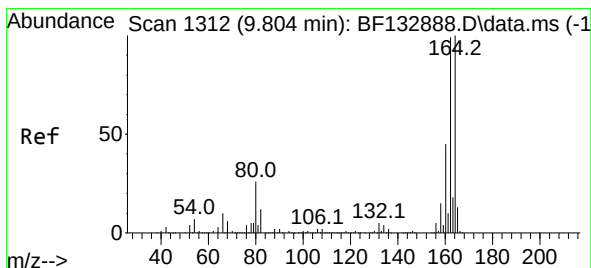
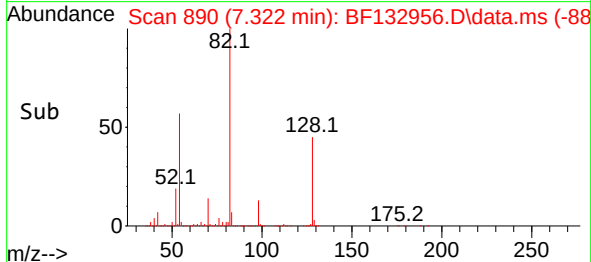
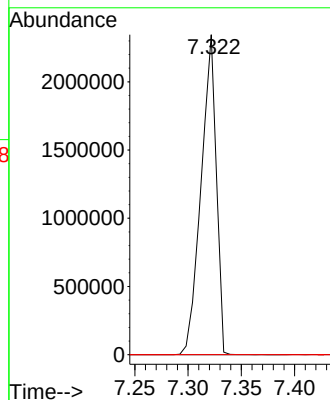
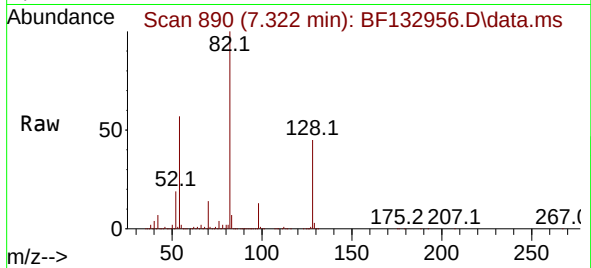




#25
Isophorone
Concen: 48.334 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

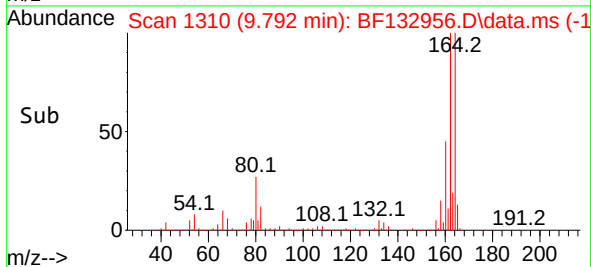
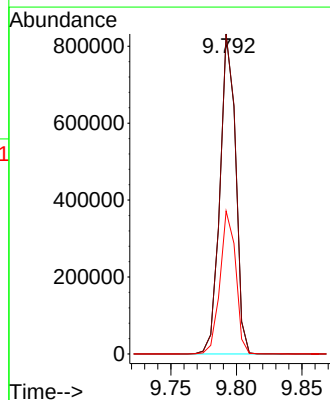
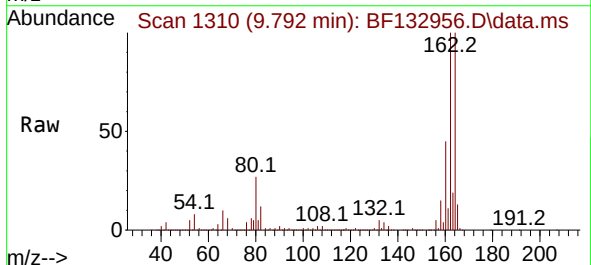
Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

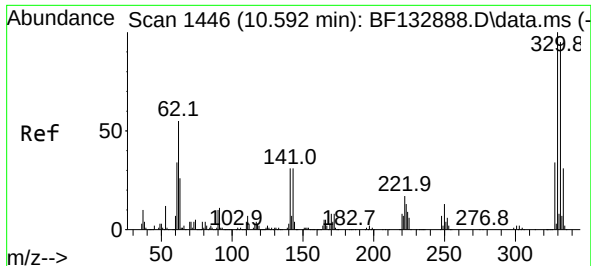
Tgt Ion: 82 Resp: 2342989
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:164 Resp: 687375
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 153.485 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

Instrument :

BNA_F

ClientSampleId :

SPB-6WC-23-04-17

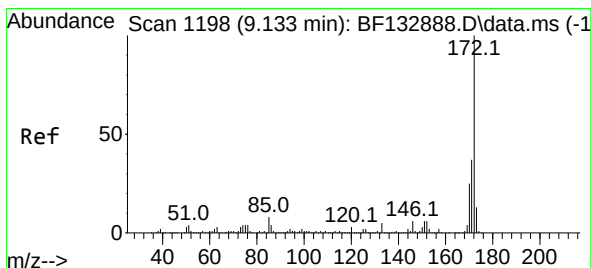
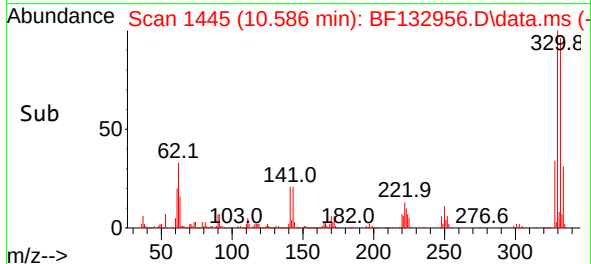
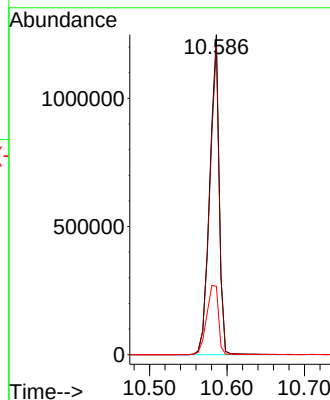
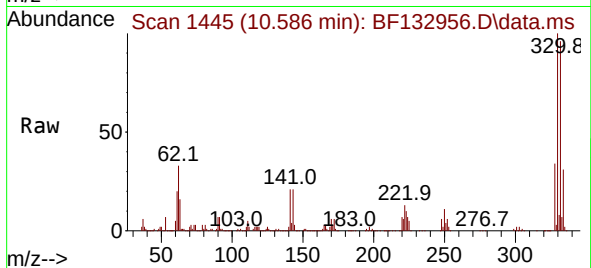
Tgt Ion:330 Resp: 1058189

Ion Ratio Lower Upper

330 100

332 96.9 76.3 114.5

141 27.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 84.909 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

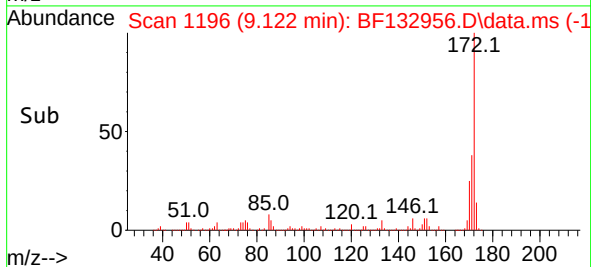
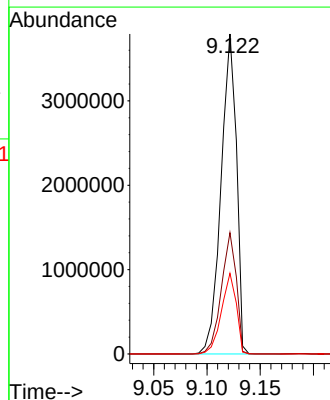
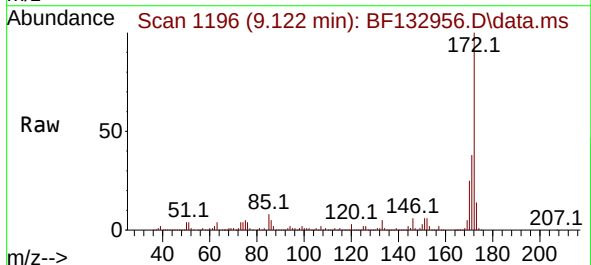
Tgt Ion:172 Resp: 3799221

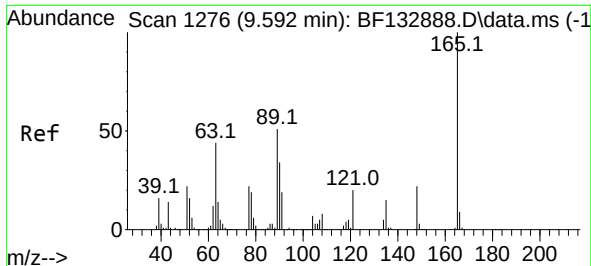
Ion Ratio Lower Upper

172 100

171 37.9 29.4 44.0

170 25.2 20.1 30.1

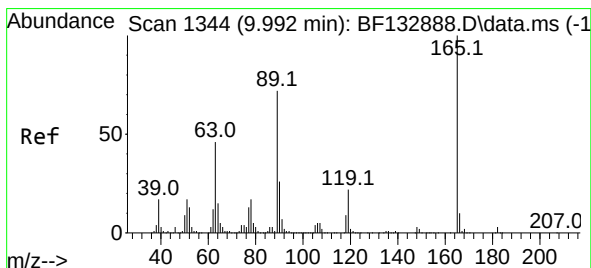
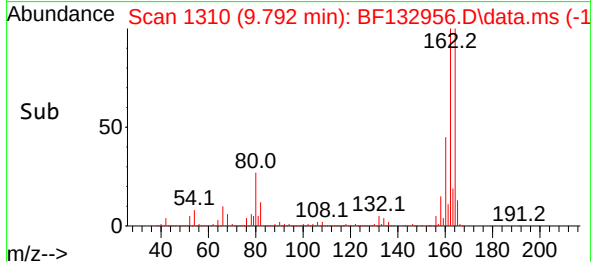
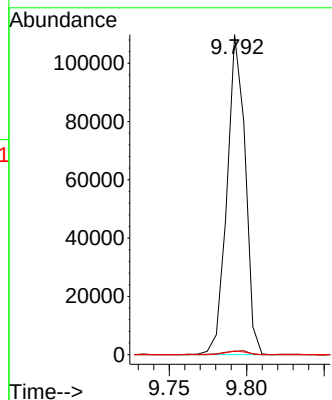
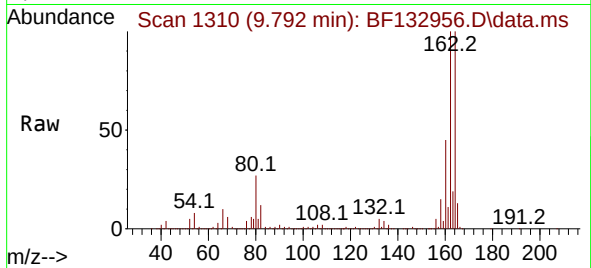




#51
2,6-Dinitrotoluene
Concen: 8.598 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.212 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

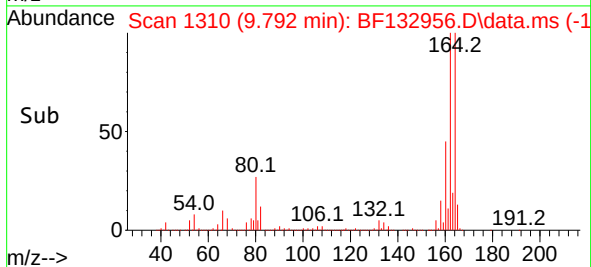
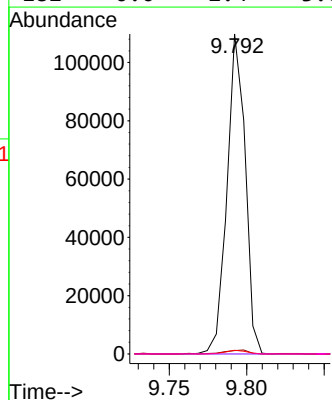
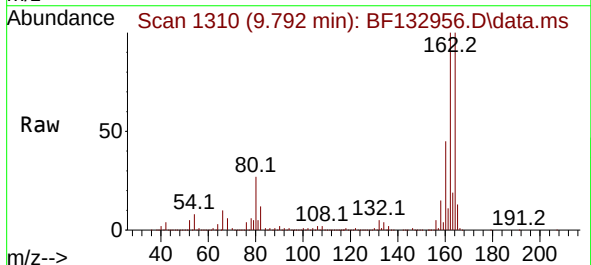
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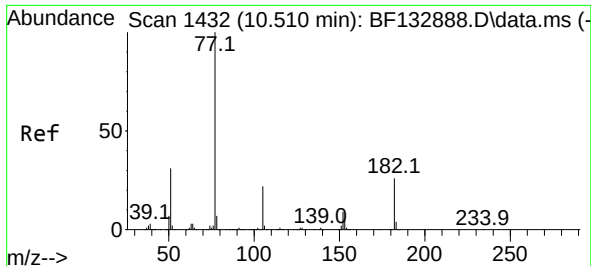
Tgt Ion:165 Resp: 89585
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:165 Resp: 89585
Ion Ratio Lower Upper
165 100
63 1.1 37.0 55.6#
89 1.1 57.8 86.6#
182 0.0 2.4 3.6#

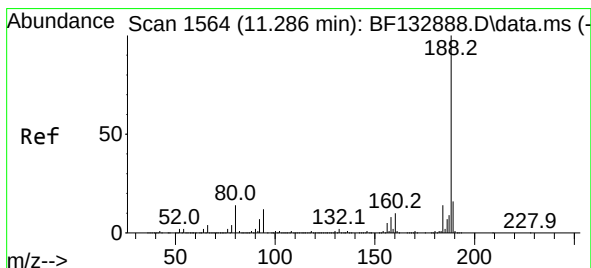
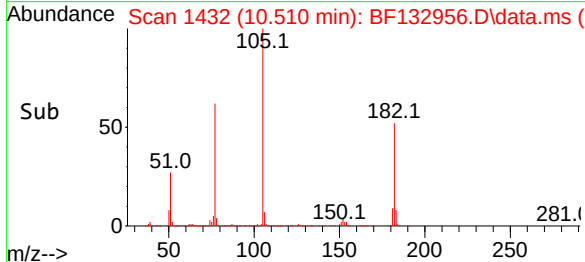
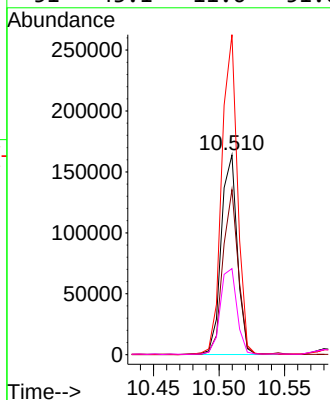
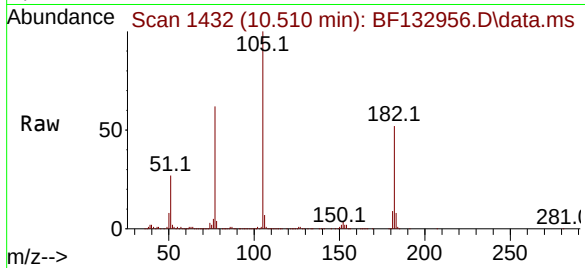




#63
Azobenzene
Concen: 2.812 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

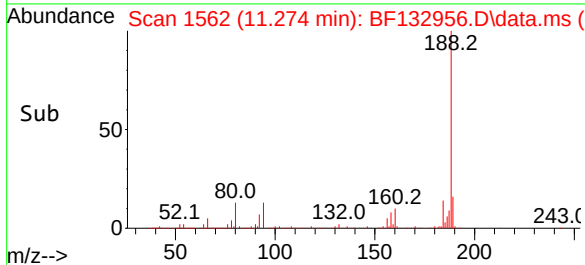
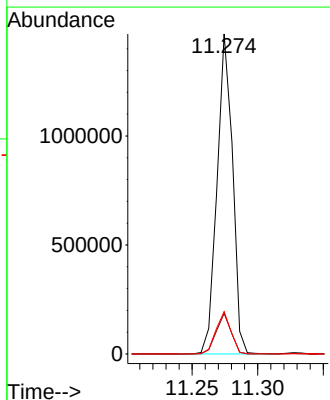
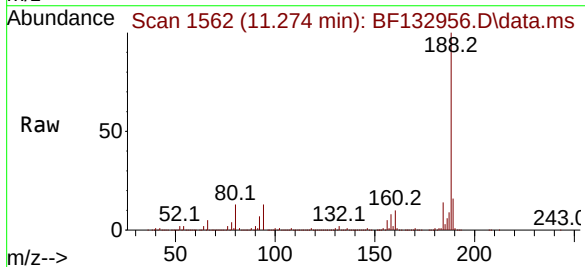
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SPB-6WC-23-04-17

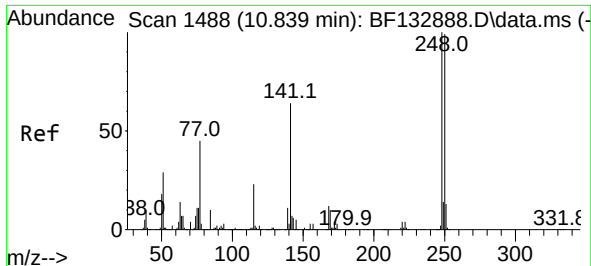
Tgt Ion: 77	Resp: 139468
Ion Ratio	Lower Upper
77 100	
182 82.7	6.0 46.0#
105 160.2	1.6 41.6#
51 43.1	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:188	Resp: 1201816		
Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.9	14.9
80	13.3	10.8	16.2

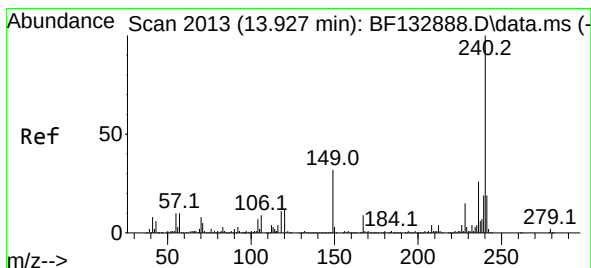
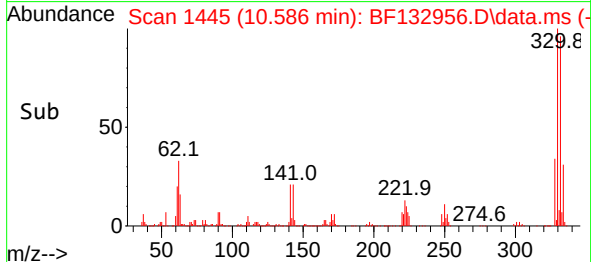
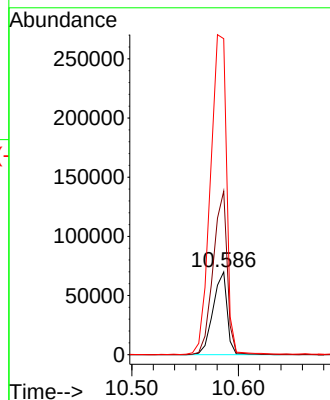
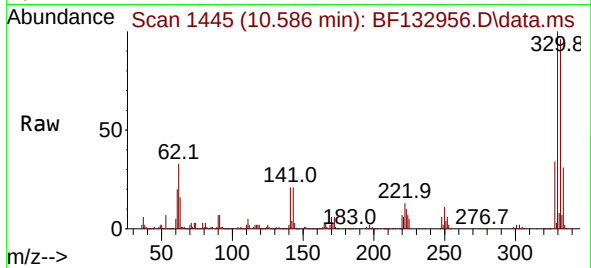




#67
4-Bromophenyl-phenylether
Concen: 4.671 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

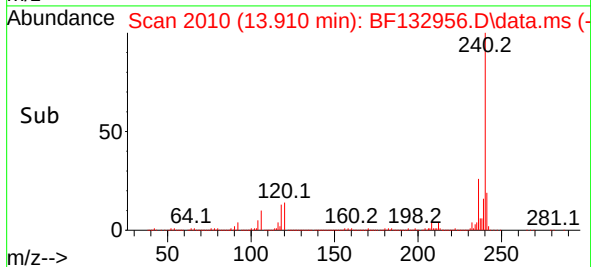
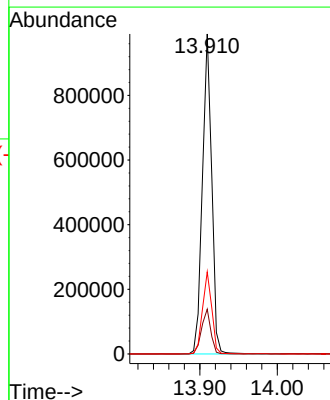
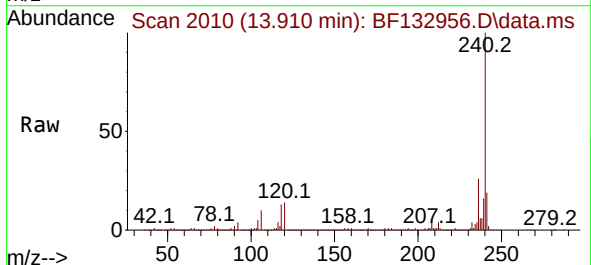
Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

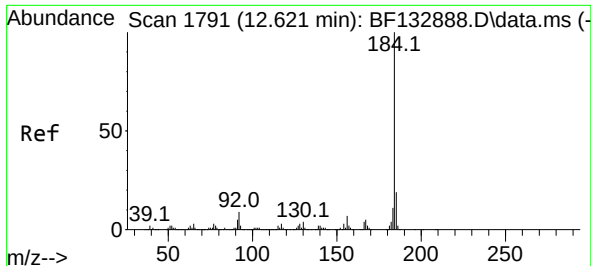
Tgt Ion:248 Resp: 64108
Ion Ratio Lower Upper
248 100
250 197.6 79.1 118.7#
141 381.7 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:240 Resp: 825400
Ion Ratio Lower Upper
240 100
120 14.0 10.0 15.0
236 25.7 20.8 31.2

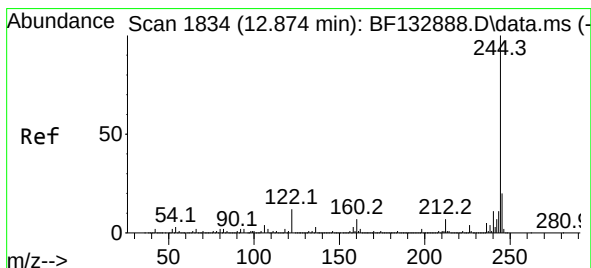
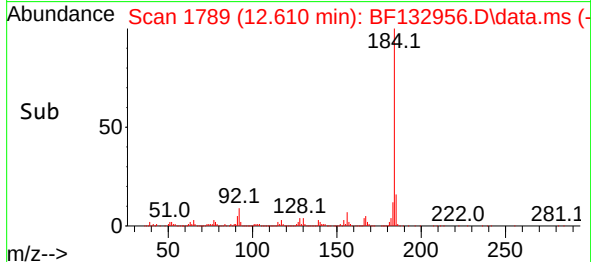
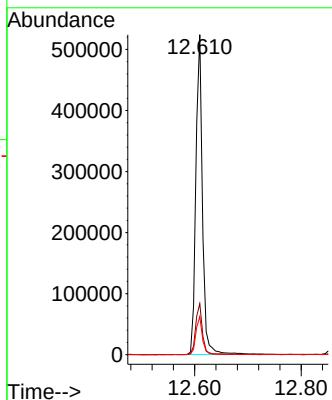
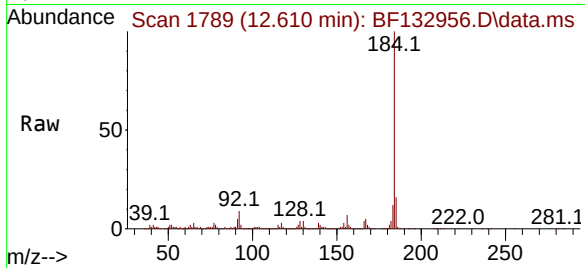




#77
Benzidine
Concen: 35.115 ng
RT: 12.610 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

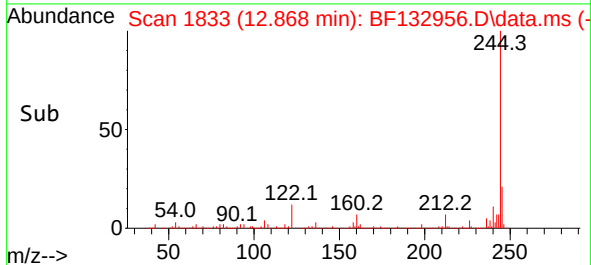
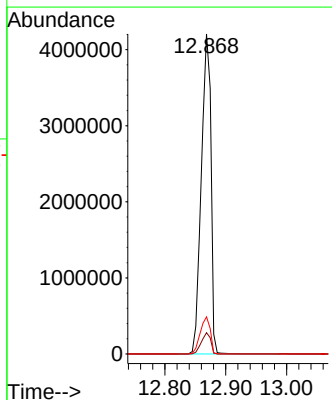
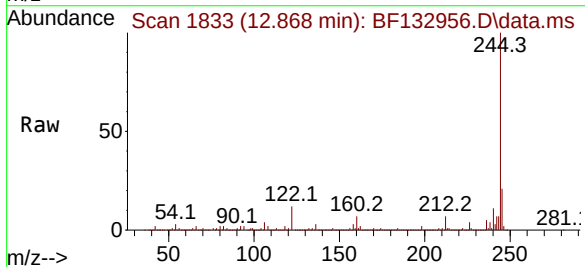
Instrument :
BNA_F
ClientSampleId :
SPB-6WC-23-04-17

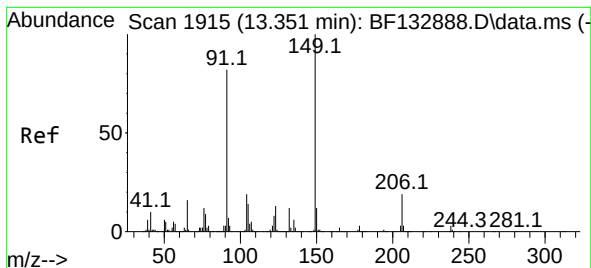
Tgt Ion:184 Resp: 451501
Ion Ratio Lower Upper
184 100
185 15.9 14.9 22.3
183 11.9 9.0 13.6



#79
Terphenyl-d14
Concen: 94.968 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF132956.D
Acq: 21 Apr 2023 01:12

Tgt Ion:244 Resp: 4594581
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.6 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.181 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

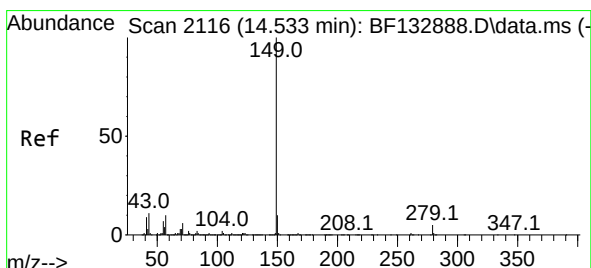
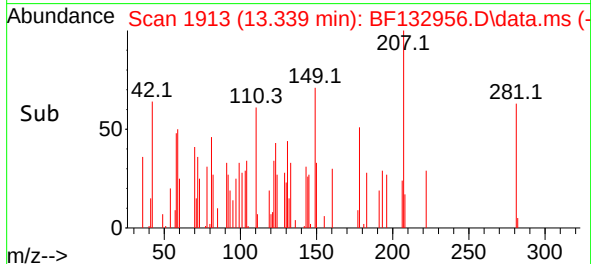
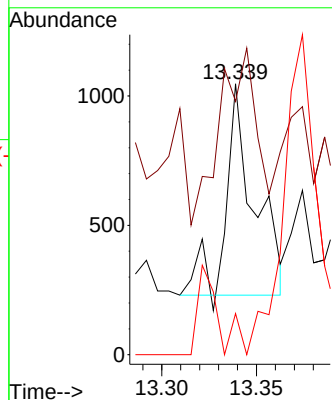
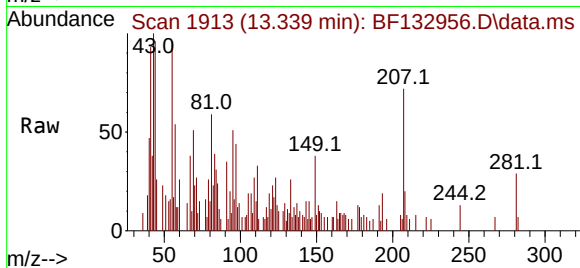
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	149	Resp:	858
Ion Ratio	Lower	Upper	
149	100		
91	93.5	65.4	98.0
206	15.2	15.6	23.4#



#85

Di-n-octyl phthalate

Concen: 6.390 ng

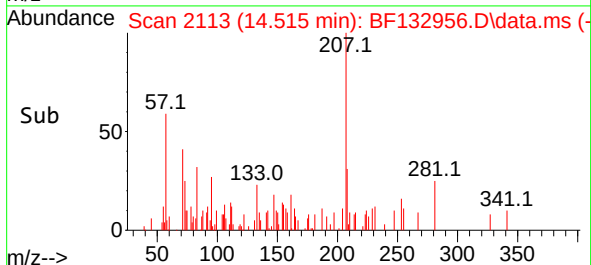
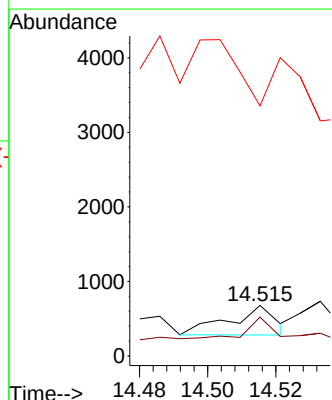
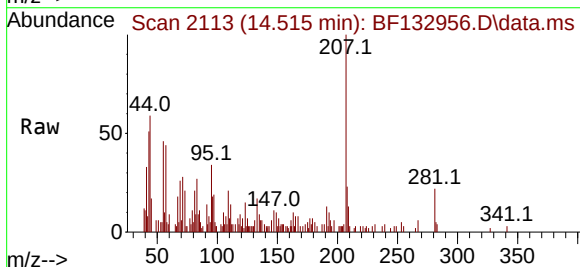
RT: 14.515 min Scan# 2113

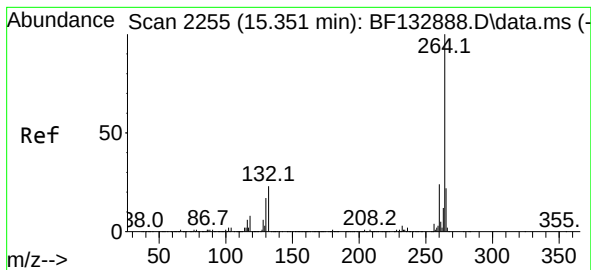
Delta R.T. -0.006 min

Lab File: BF132956.D

Acq: 21 Apr 2023 01:12

Tgt Ion:	149	Resp:	371
Ion Ratio	Lower	Upper	
149	100		
167	172.8	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: BF132956.D

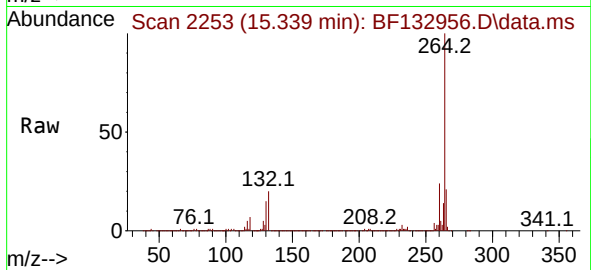
Acq: 21 Apr 2023 01:12

Instrument :

BNA_F

ClientSampleId :

SPB-6WC-23-04-17



Tgt Ion:264 Resp: 676389

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.3 17.7 26.5

