

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132950.D
 Acq On : 20 Apr 2023 22:07
 Operator : CG\JU
 Sample : 02389-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 21 02:17:48 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)

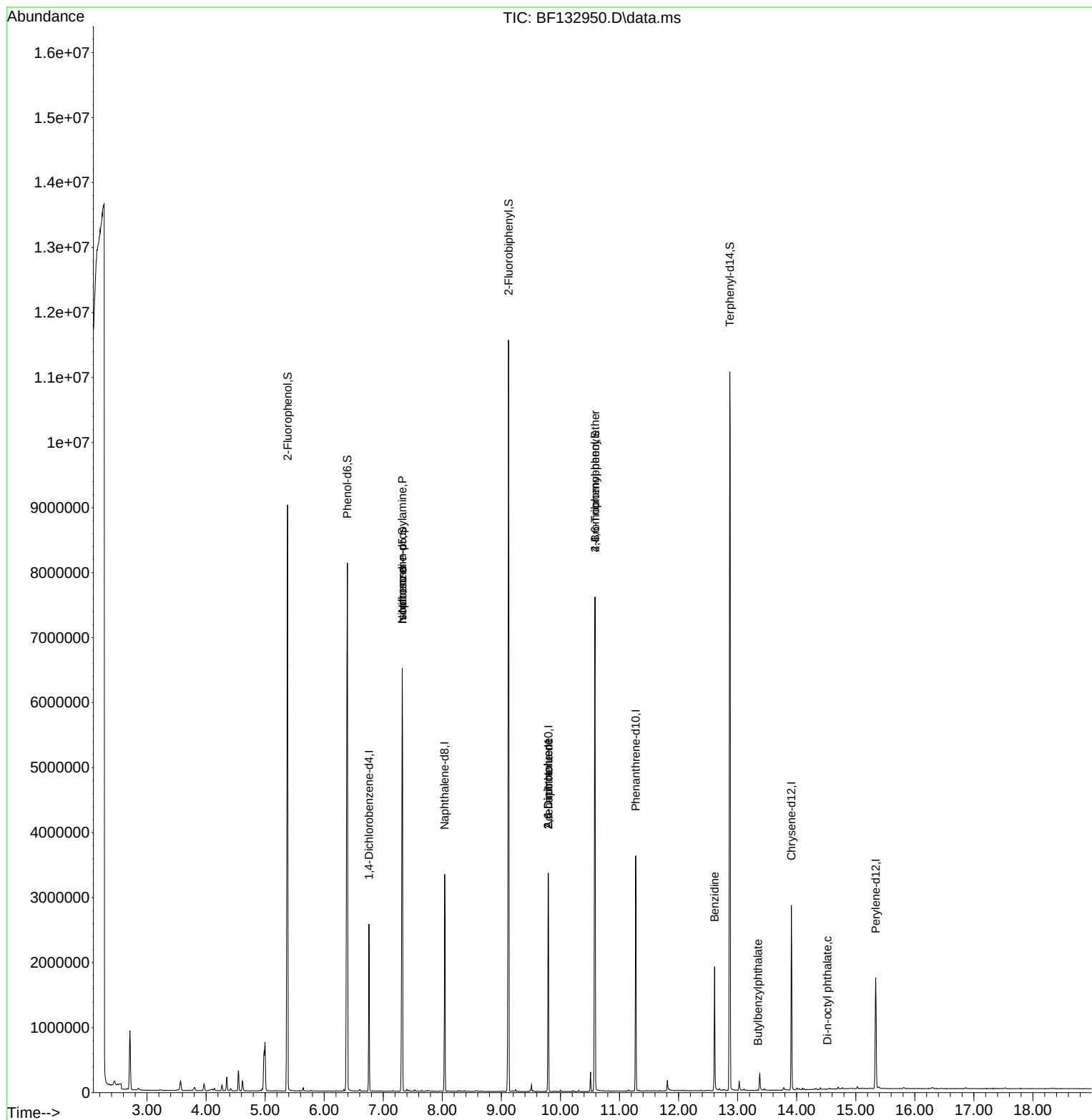
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	326550	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1312492	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	696668	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1227409	20.000	ng	0.00
76) Chrysene-d12	13.910	240	845502	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	687734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2669311	127.819	ng	0.02
7) Phenol-d6	6.392	99	3204925	120.268	ng	0.00
23) Nitrobenzene-d5	7.322	82	2312864	91.854	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1056653	151.218	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3670288	80.933	ng	0.00
79) Terphenyl-d14	12.868	244	4475889	90.316	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	311384	18.720	ng	# 81
25) Isophorone	7.322	82	2309549	48.356	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	91383	8.654	ng	# 28
57) 2,4-Dinitrotoluene	9.792	165	91383	7.012	ng	# 23
67) 4-Bromophenyl-phenylether	10.586	248	62899	4.488	ng	# 1
77) Benzidine	12.610	184	589077	44.726	ng	96
80) Butylbenzylphthalate	13.345	149	1187	5.198	ng	# 68
85) Di-n-octyl phthalate	14.521	149	368	6.390	ng	# 43

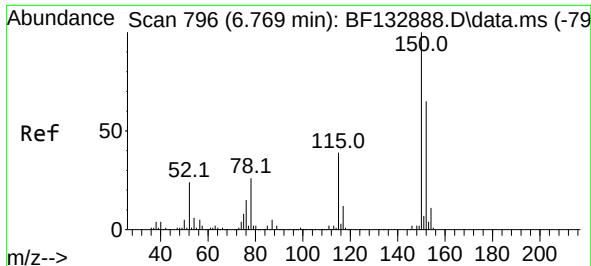
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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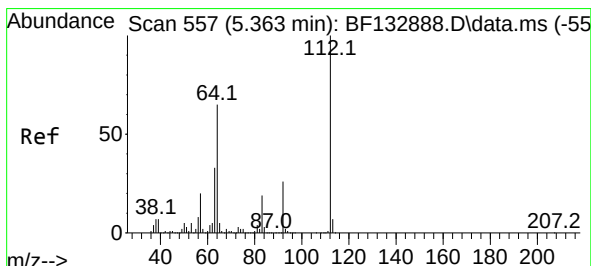
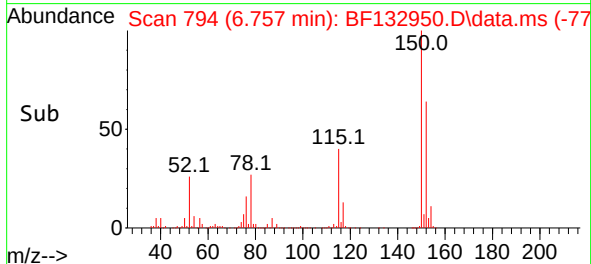
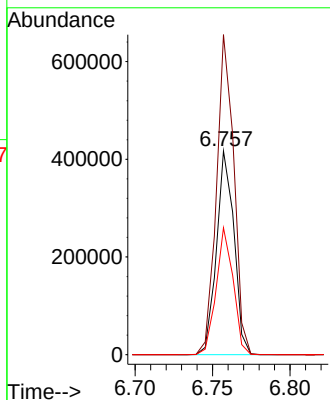
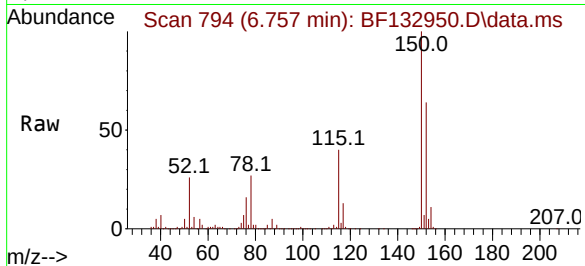




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

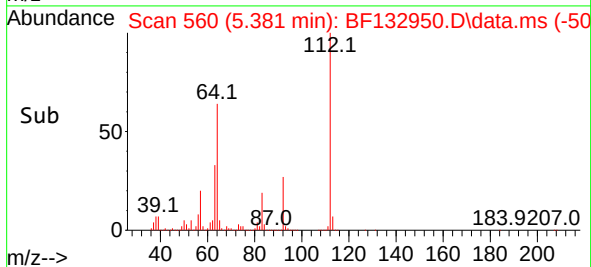
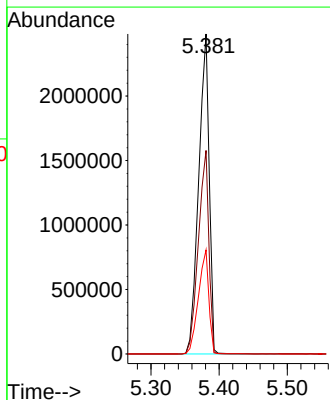
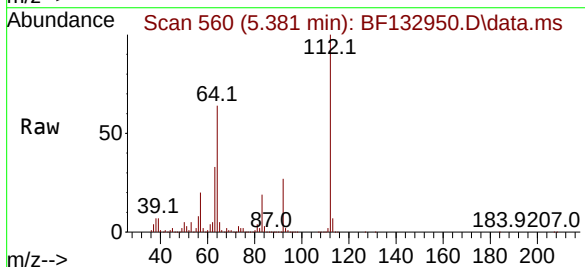
Instrument :
BNA_F
ClientSampleId :
SPB-3WC-23-04-17

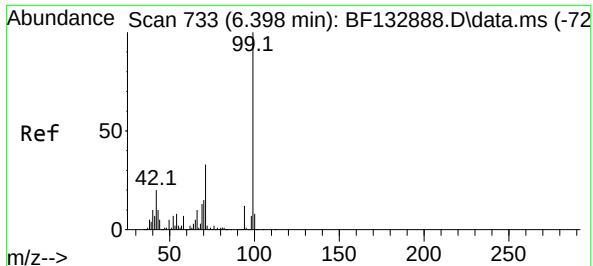
Tgt Ion:152 Resp: 326550
Ion Ratio Lower Upper
152 100
150 157.1 122.8 184.2
115 62.3 47.3 70.9



#5
2-Fluorophenol
Concen: 127.819 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.023 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

Tgt Ion:112 Resp: 2669311
Ion Ratio Lower Upper
112 100
64 63.6 51.8 77.8
63 32.5 26.3 39.5

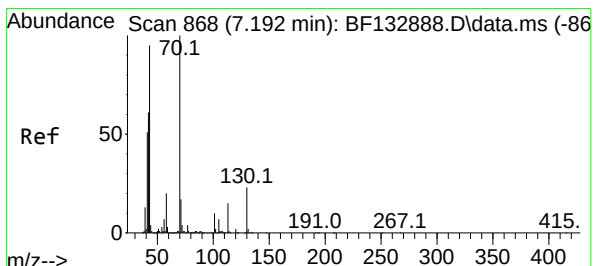
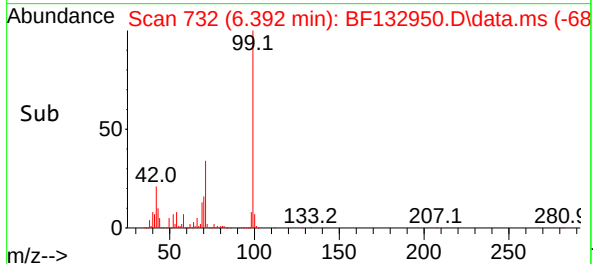
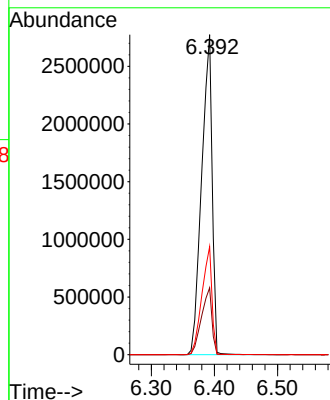
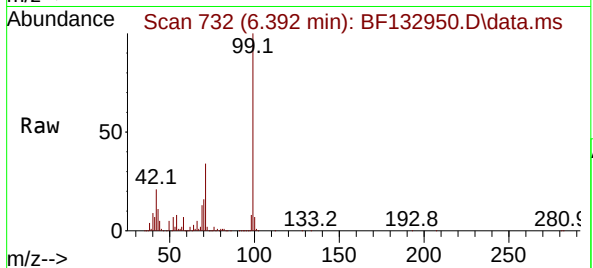




#7
Phenol-d6
Concen: 120.268 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

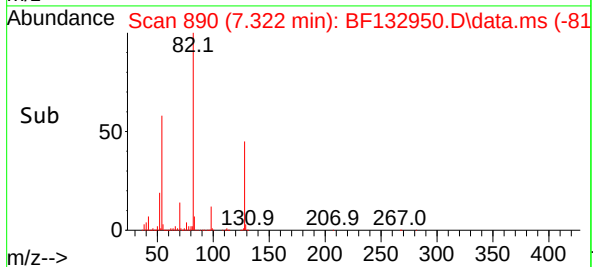
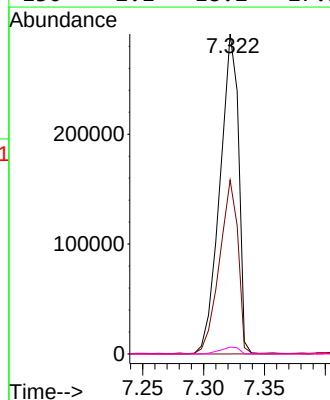
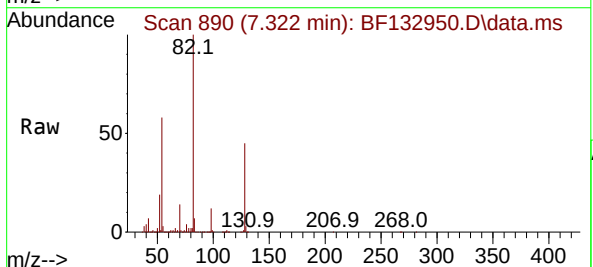
Instrument :
BNA_F
ClientSampleId :
SPB-3WC-23-04-17

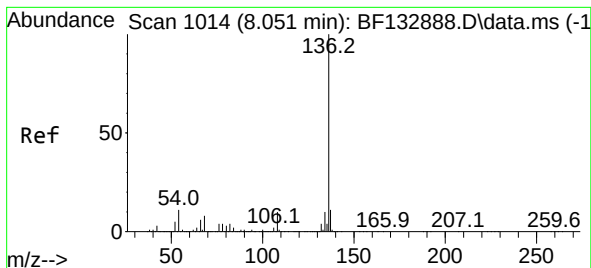
Tgt Ion: 99 Resp: 3204925
Ion Ratio Lower Upper
99 100
42 20.9 16.1 24.1
71 33.7 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.720 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

Tgt Ion: 70 Resp: 311384
Ion Ratio Lower Upper
70 100
42 54.4 49.0 73.6
101 0.0 8.1 12.1#
130 2.1 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132950.D

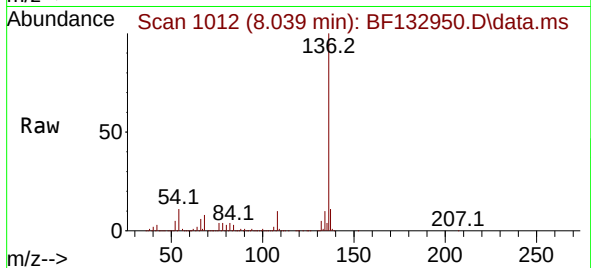
Acq: 20 Apr 2023 22:07

Instrument :

BNA_F

ClientSampleId :

SPB-3WC-23-04-17



Tgt Ion:136 Resp: 1312492

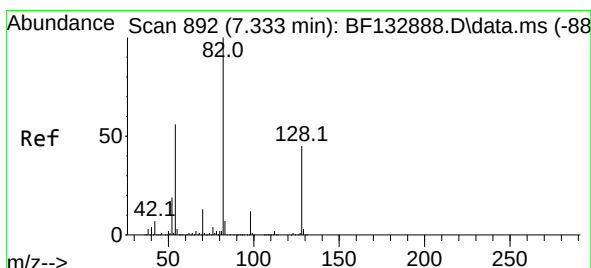
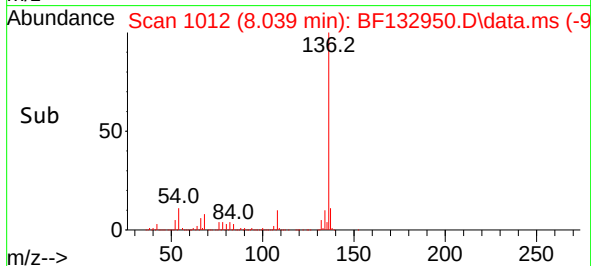
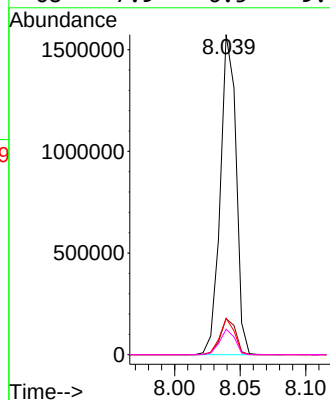
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 11.4 8.9 13.3

68 7.9 6.5 9.7



#23

Nitrobenzene-d5

Concen: 91.854 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF132950.D

Acq: 20 Apr 2023 22:07

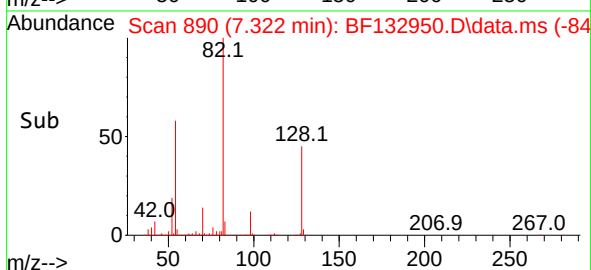
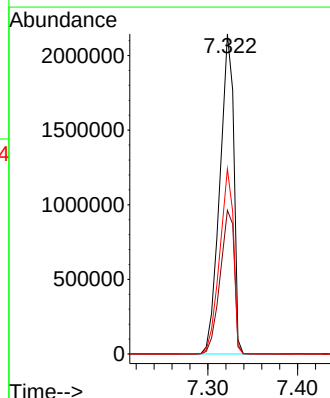
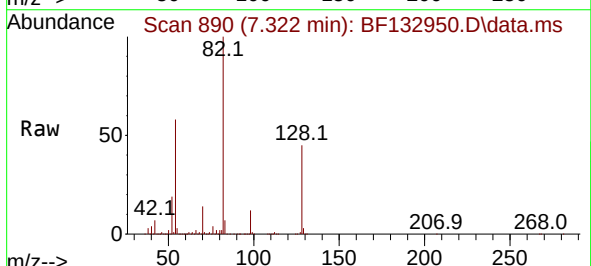
Tgt Ion: 82 Resp: 2312864

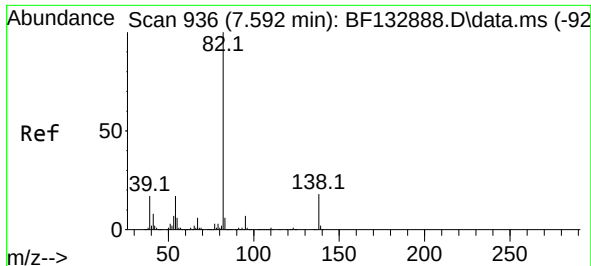
Ion Ratio Lower Upper

82 100

128 44.9 35.7 53.5

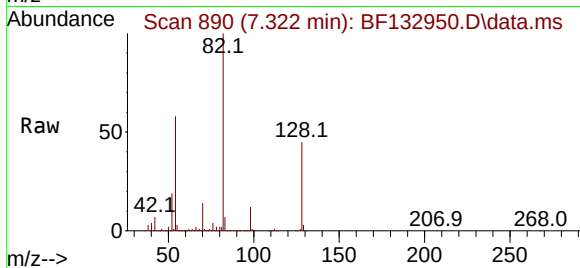
54 57.8 44.7 67.1



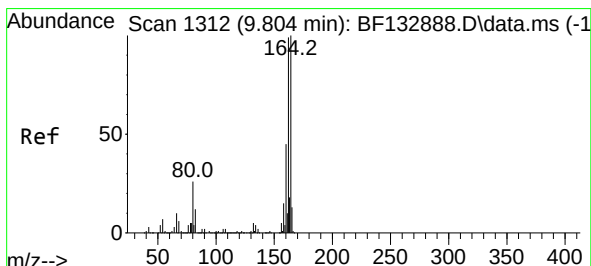
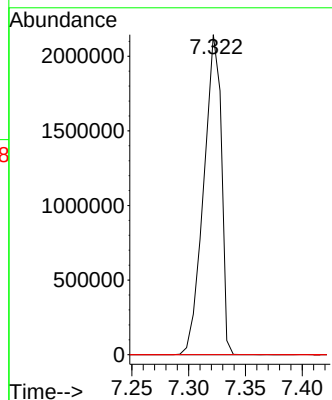
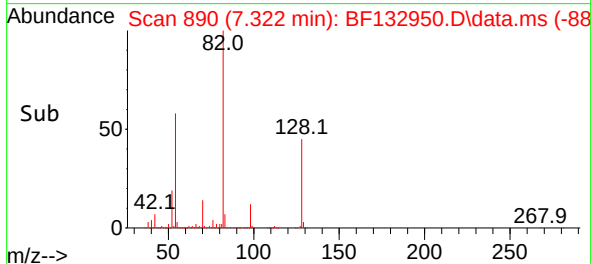


#25
Isophorone
Concen: 48.356 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

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

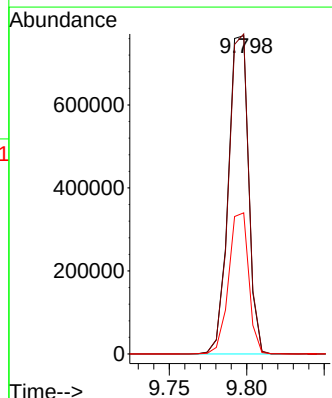
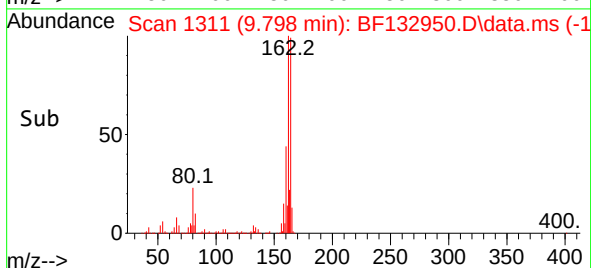
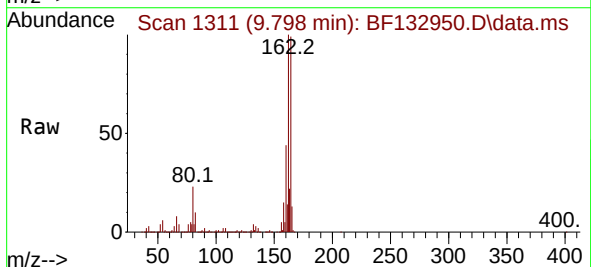


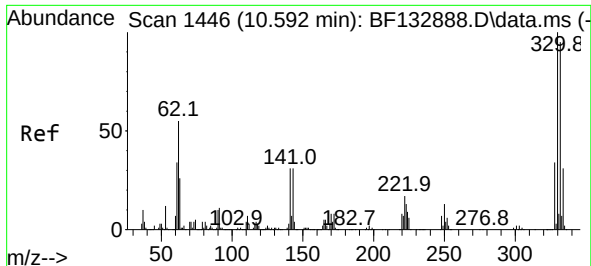
Tgt Ion: 82 Resp: 2309549
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

Tgt Ion:164 Resp: 696668
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 44.3 35.6 53.4



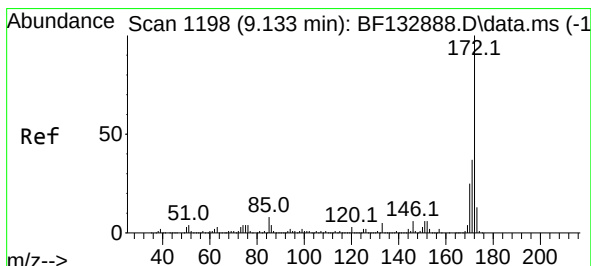
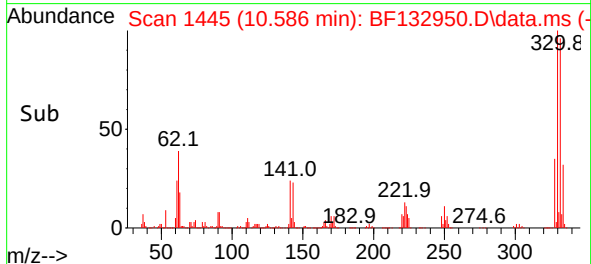
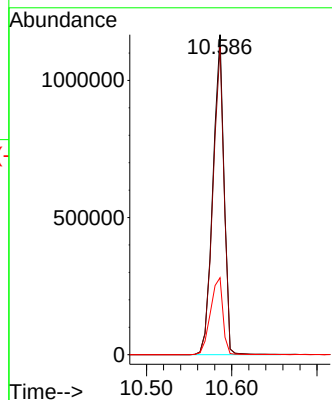
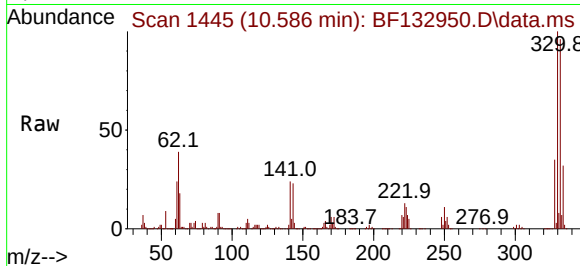


#42
 2,4,6-Tribromophenol
 Concen: 151.218 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF132950.D
 Acq: 20 Apr 2023 22:07

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

Tgt Ion:330 Resp: 1056653

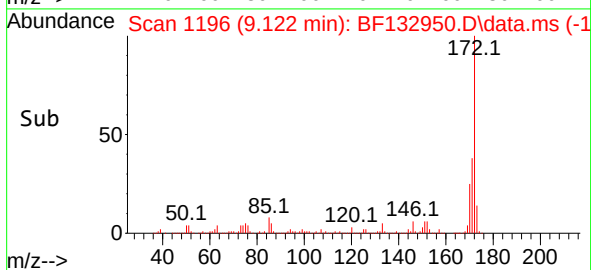
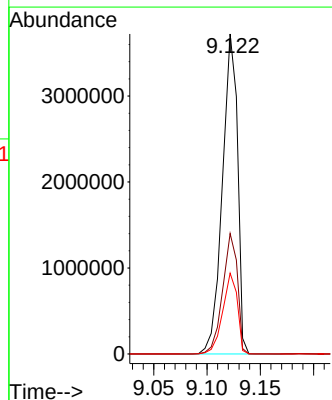
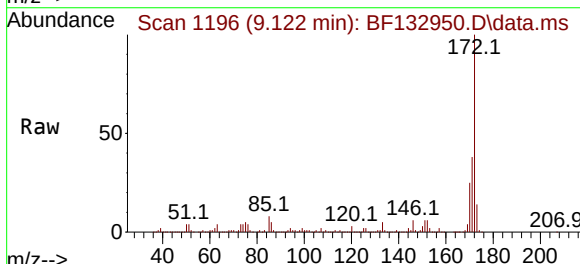
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.3	114.5
141	27.1	23.9	35.9

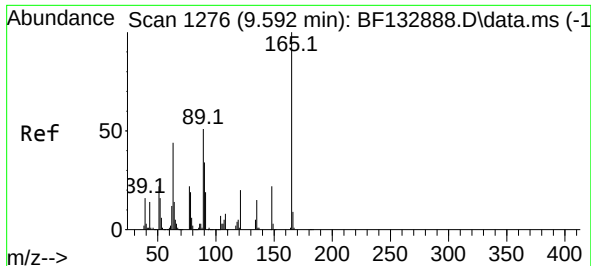


#45
 2-Fluorobiphenyl
 Concen: 80.933 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.000 min
 Lab File: BF132950.D
 Acq: 20 Apr 2023 22:07

Tgt Ion:172 Resp: 3670288

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.0
170	25.2	20.1	30.1

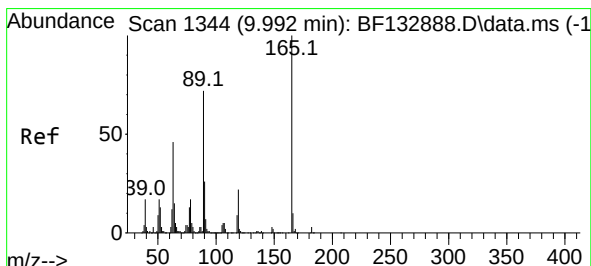
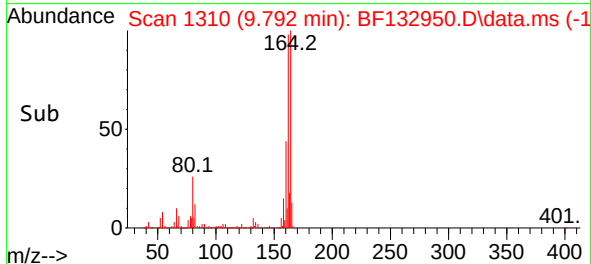
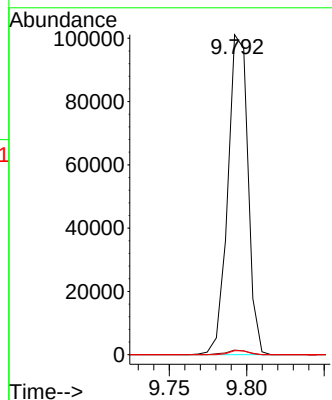
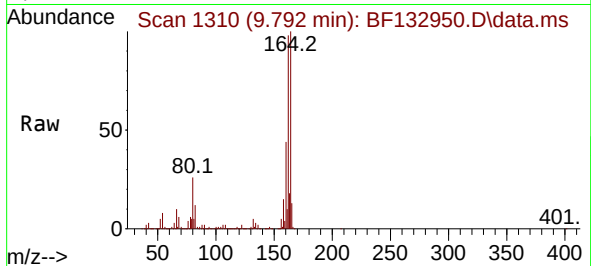




#51
2,6-Dinitrotoluene
Concen: 8.654 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

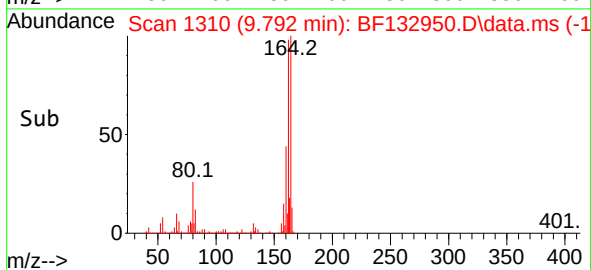
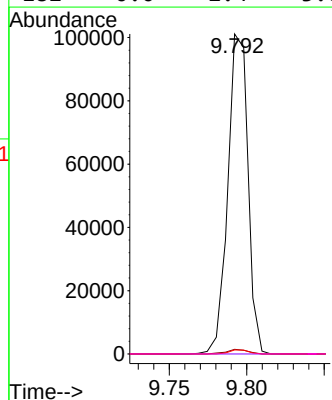
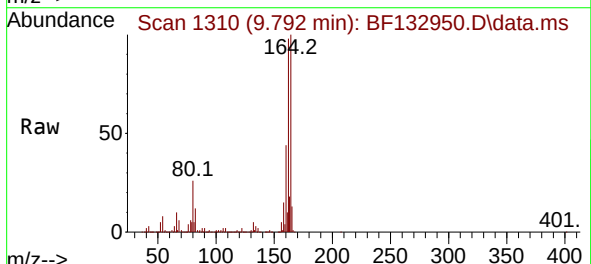
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ClientSampleId :
SPB-3WC-23-04-17

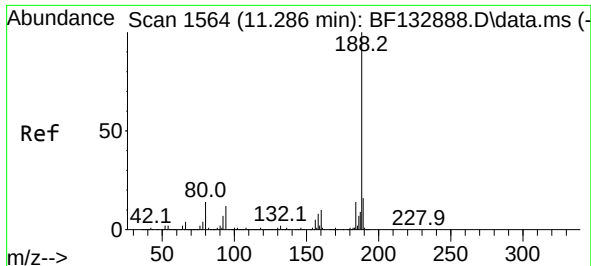
Tgt Ion:165 Resp: 91383
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.3 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 7.012 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

Tgt Ion:165 Resp: 91383
Ion Ratio Lower Upper
165 100
63 1.5 37.0 55.6#
89 1.3 57.8 86.6#
182 0.0 2.4 3.6#

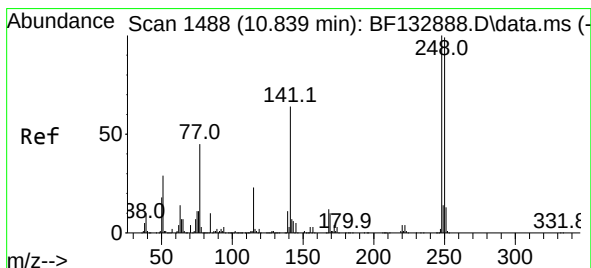
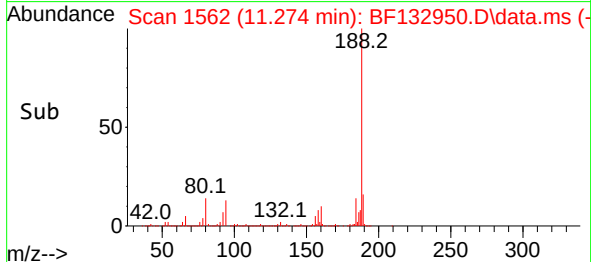
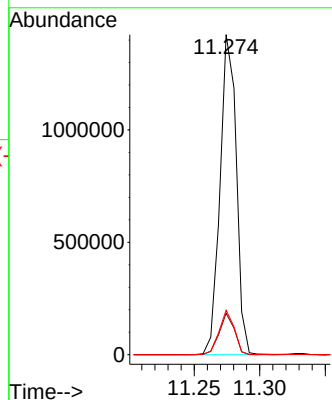
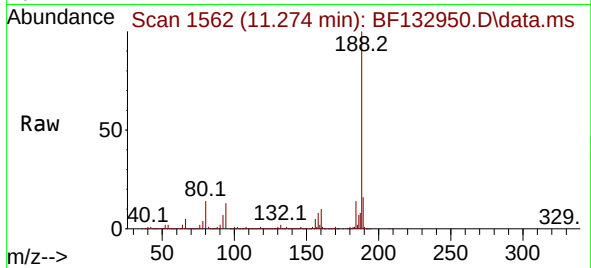




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

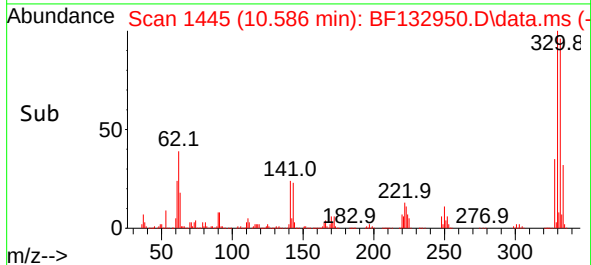
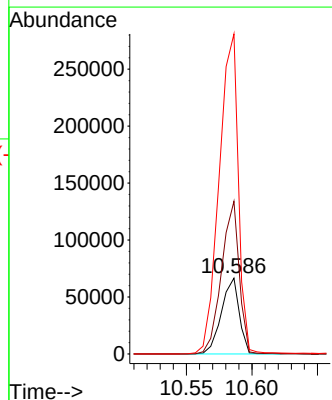
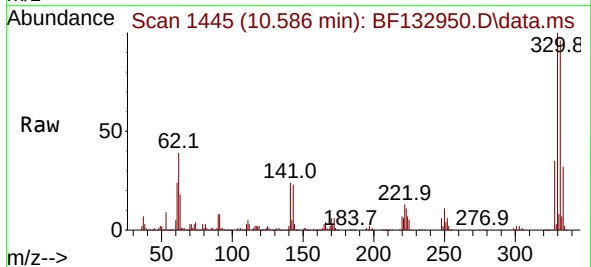
Instrument :
BNA_F
ClientSampleId :
SPB-3WC-23-04-17

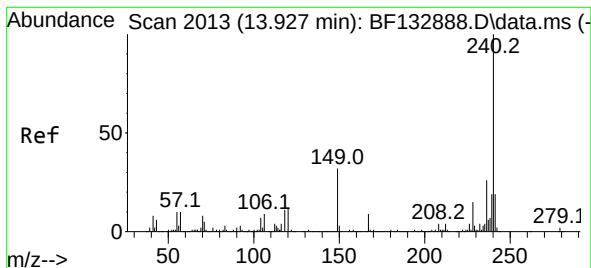
Tgt Ion:188 Resp: 1227409
Ion Ratio Lower Upper
188 100
94 13.0 9.9 14.9
80 13.9 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 4.488 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.241 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

Tgt Ion:248 Resp: 62899
Ion Ratio Lower Upper
248 100
250 201.4 79.1 118.7#
141 422.2 51.0 76.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132950.D

Acq: 20 Apr 2023 22:07

Instrument :

BNA_F

ClientSampleId :

SPB-3WC-23-04-17

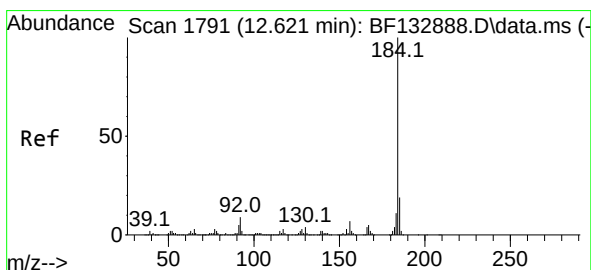
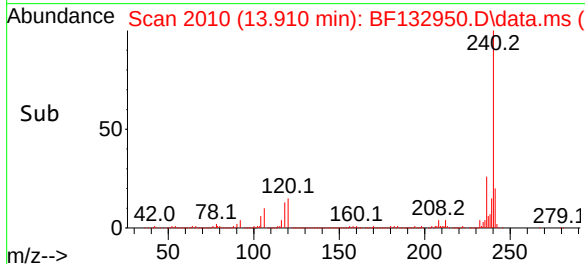
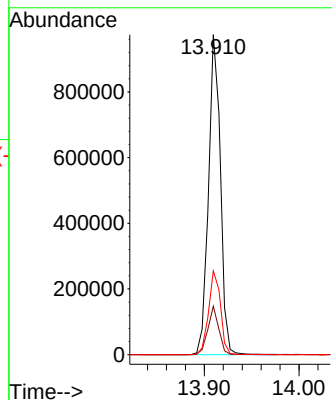
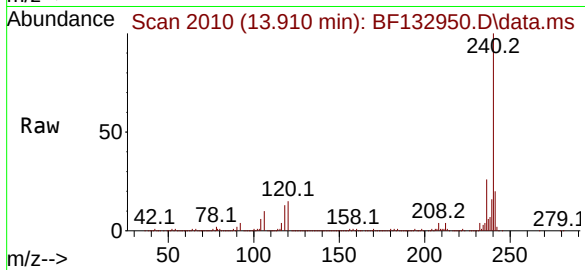
Tgt Ion:240 Resp: 845502

Ion Ratio Lower Upper

240 100

120 15.2 10.0 15.0#

236 26.2 20.8 31.2



#77

Benzidine

Concen: 44.726 ng

RT: 12.610 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BF132950.D

Acq: 20 Apr 2023 22:07

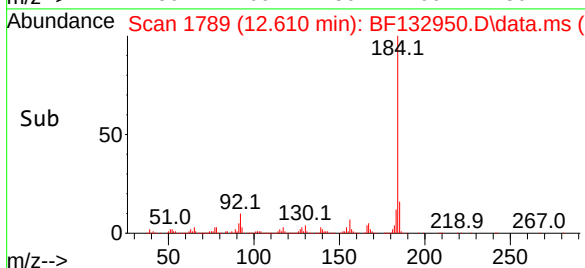
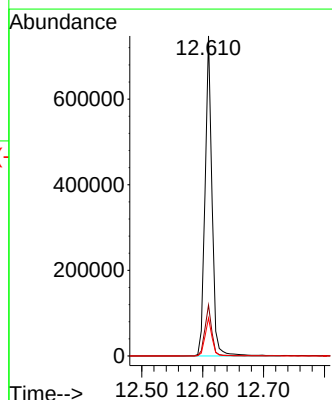
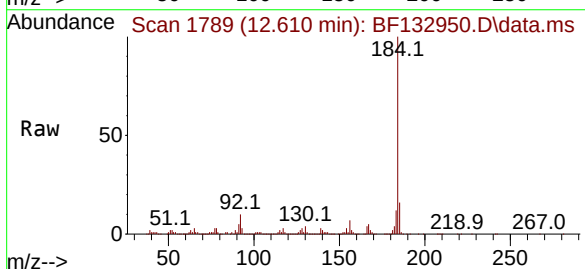
Tgt Ion:184 Resp: 589077

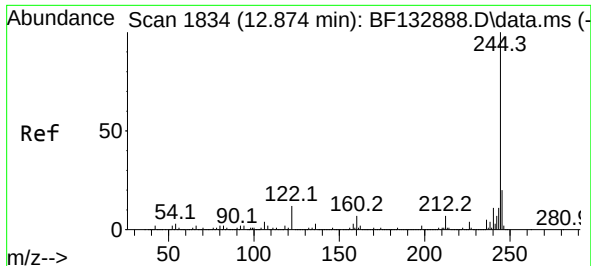
Ion Ratio Lower Upper

184 100

185 15.9 14.9 22.3

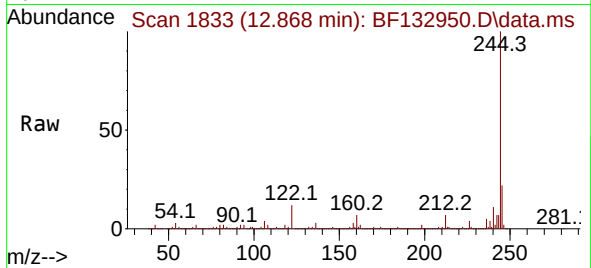
183 11.8 9.0 13.6



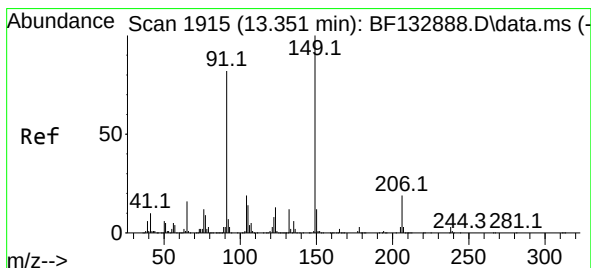
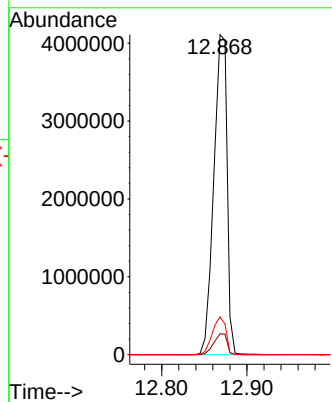
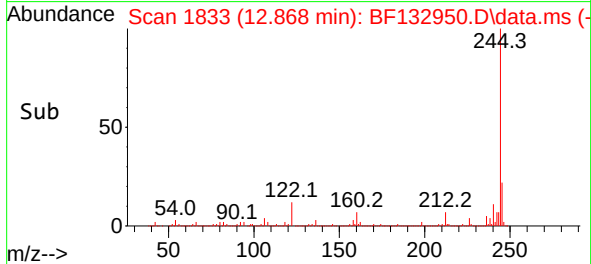


#79
 Terphenyl-d14
 Concen: 90.316 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF132950.D
 Acq: 20 Apr 2023 22:07

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

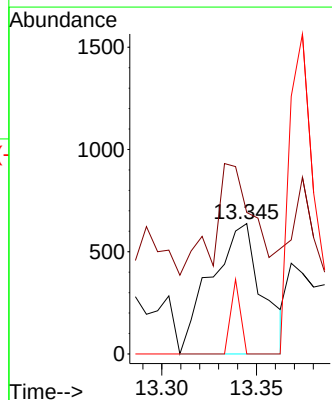
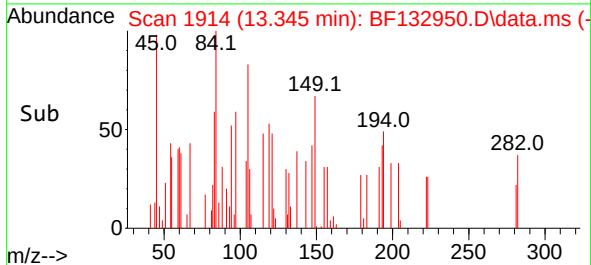
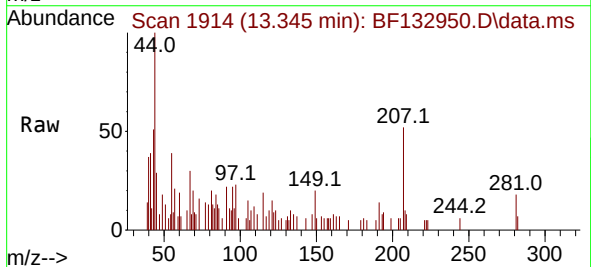


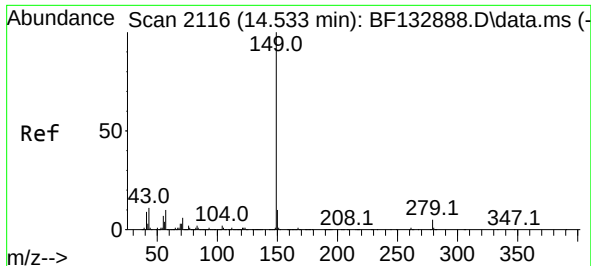
Tgt Ion:244 Resp: 4475889
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.8 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.198 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: BF132950.D
 Acq: 20 Apr 2023 22:07

Tgt Ion:149 Resp: 1187
 Ion Ratio Lower Upper
 149 100
 91 108.5 65.4 98.0#
 206 0.0 15.6 23.4#

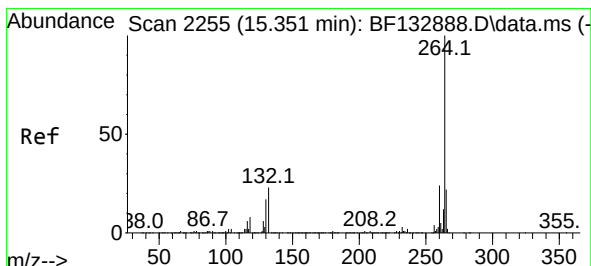
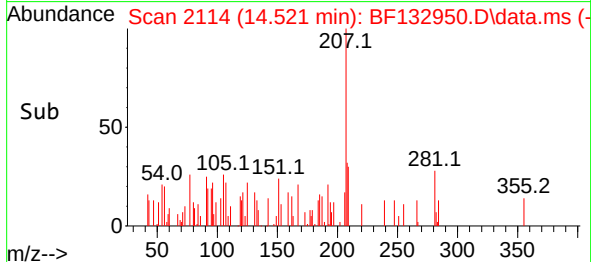
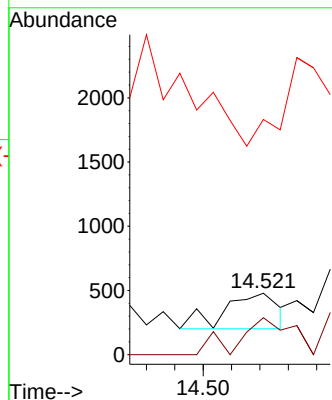
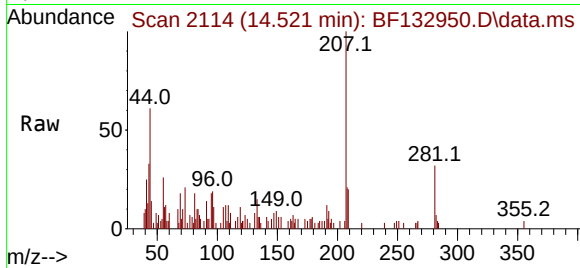




#85
Di-n-octyl phthalate
Concen: 6.390 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

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

Tgt Ion:149 Resp: 368
Ion Ratio Lower Upper
149 100
167 101.6 1.2 1.8#
43 0.0 11.5 17.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BF132950.D
Acq: 20 Apr 2023 22:07

Tgt Ion:264 Resp: 687734
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.8 17.7 26.5

