

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132955.D
 Acq On : 21 Apr 2023 00:41
 Operator : CG\JU
 Sample : 02389-32
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-8WC-23-04-17

Quant Time: Apr 21 02:20:08 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)

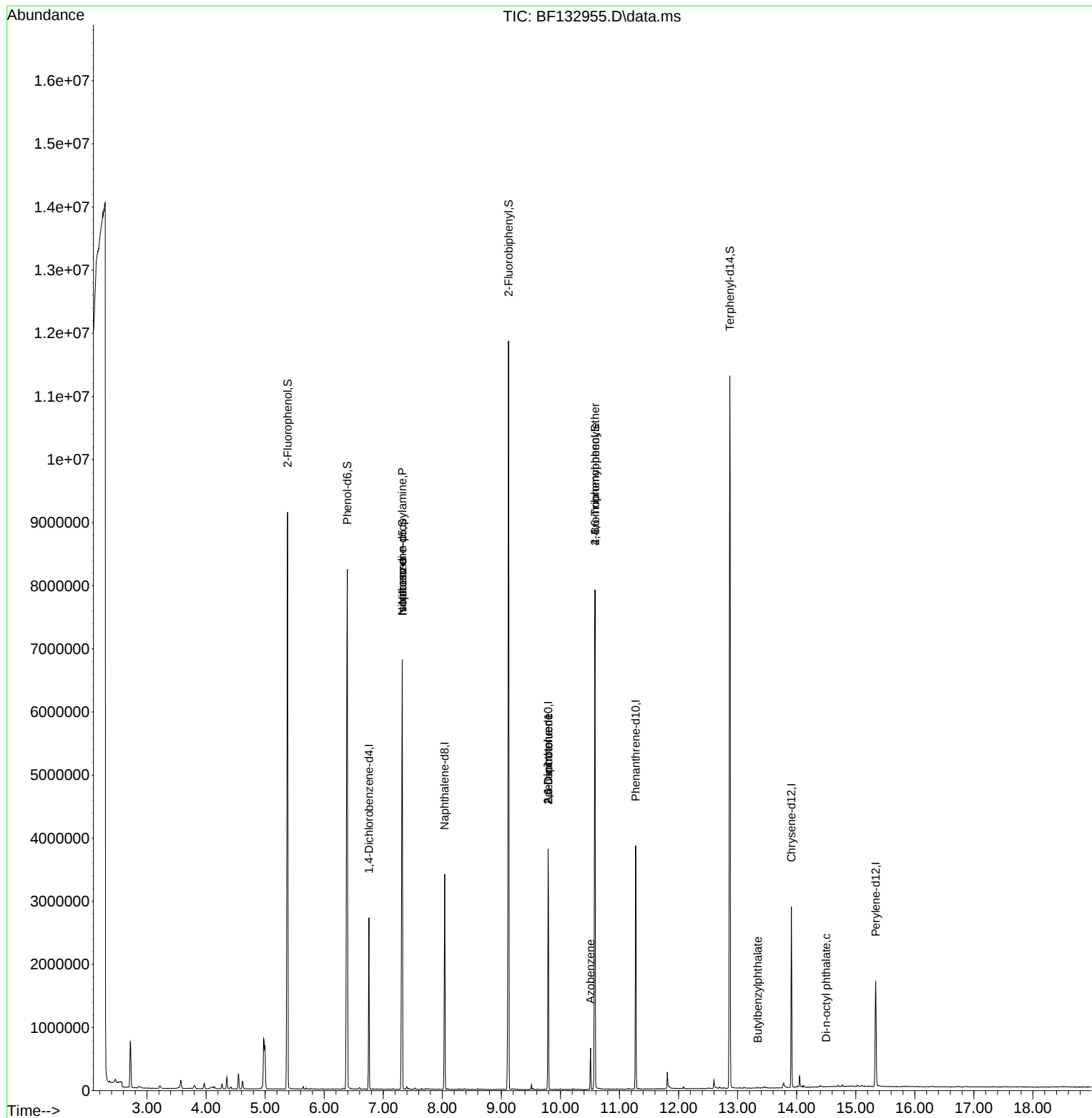
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	338467	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1378045	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	713927	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1250777	20.000	ng	0.00
76) Chrysene-d12	13.910	240	833308	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	694432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2765930	127.782	ng	0.02
7) Phenol-d6	6.392	99	3323428	120.324	ng	0.00
23) Nitrobenzene-d5	7.322	82	2407963	91.082	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1074729	150.087	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3863453	83.133	ng	0.00
79) Terphenyl-d14	12.868	244	4590510	93.984	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	327274	18.983	ng	# 79
25) Isophorone	7.322	82	2402218	47.904	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	92997	8.594	ng	# 28
57) 2,4-Dinitrotoluene	9.792	165	92997	6.963	ng	# 24
63) Azobenzene	10.510	77	106150	2.060	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	65467	4.584	ng	# 1
80) Butylbenzylphthalate	13.339	149	1690	5.226	ng	# 42
85) Di-n-octyl phthalate	14.498	149	811	6.398	ng	# 1

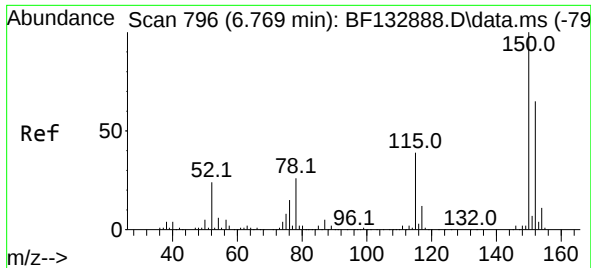
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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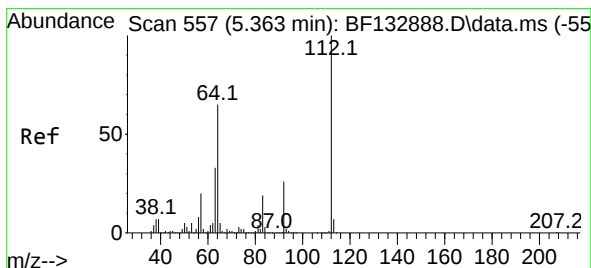
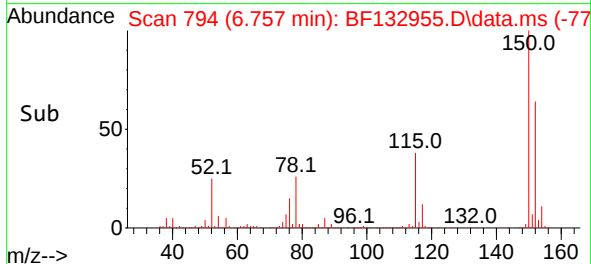
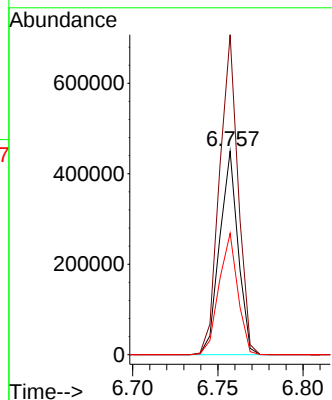
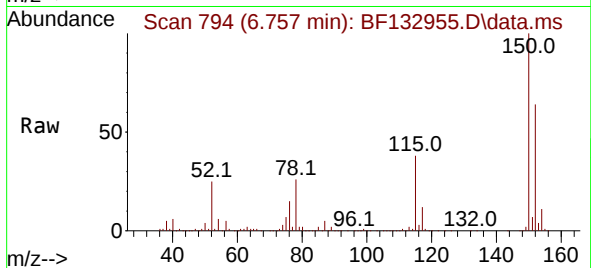




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

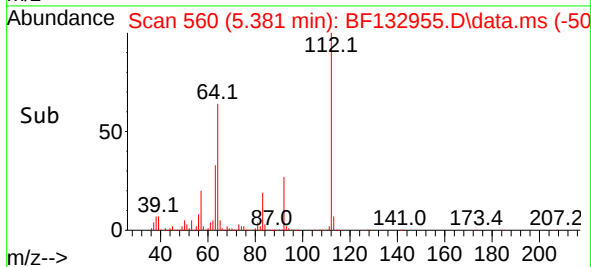
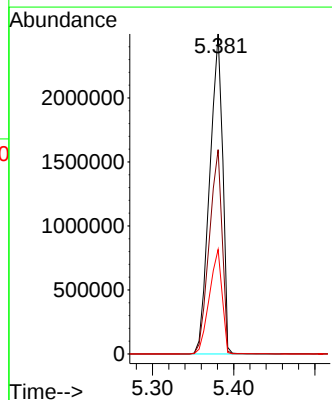
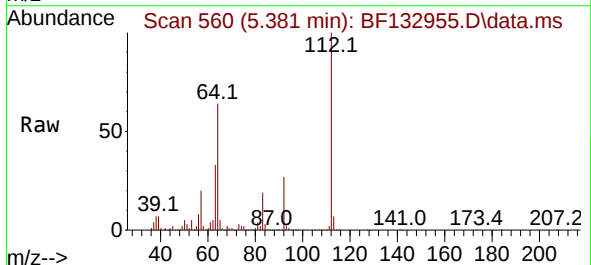
Instrument :
BNA_F
ClientSampleId :
SPB-8WC-23-04-17

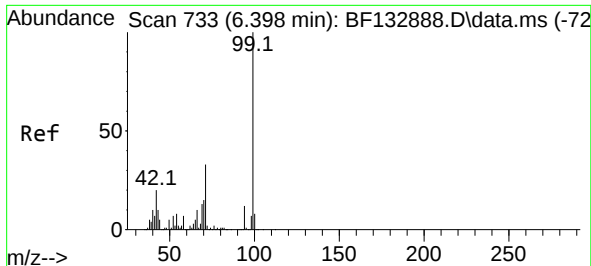
Tgt Ion:152 Resp: 338467
Ion Ratio Lower Upper
152 100
150 157.2 122.8 184.2
115 59.7 47.3 70.9



#5
2-Fluorophenol
Concen: 127.782 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion:112 Resp: 2765930
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.8
63 32.7 26.3 39.5

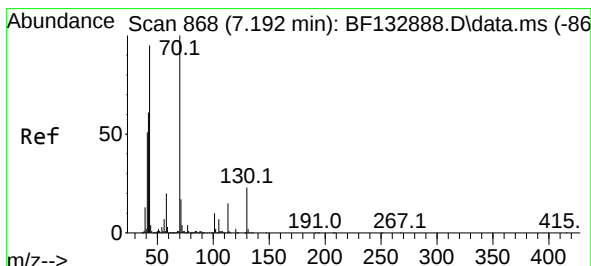
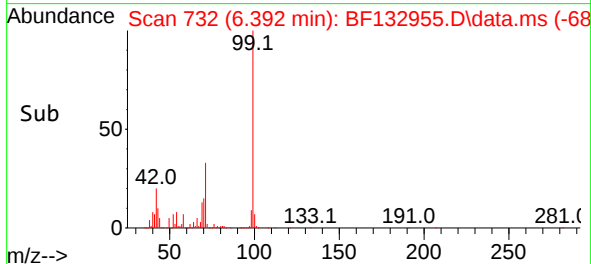
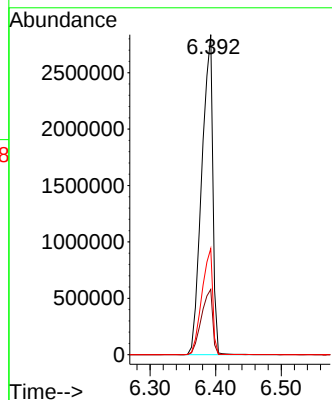
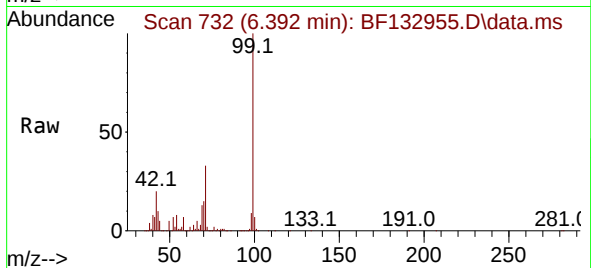




#7
Phenol-d6
Concen: 120.324 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

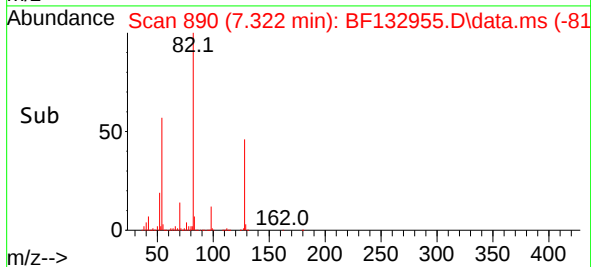
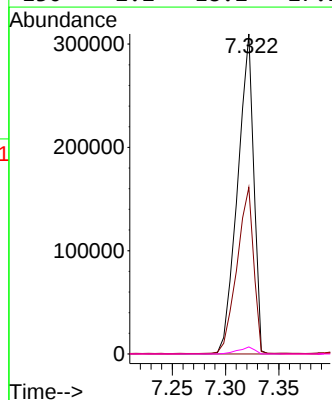
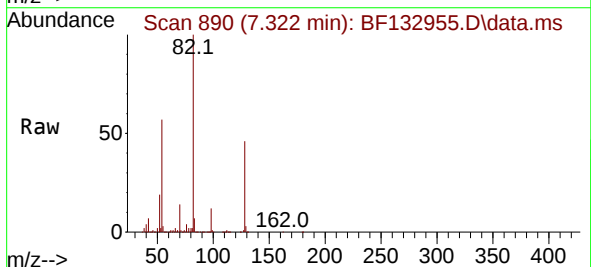
Instrument :
BNA_F
ClientSampleId :
SPB-8WC-23-04-17

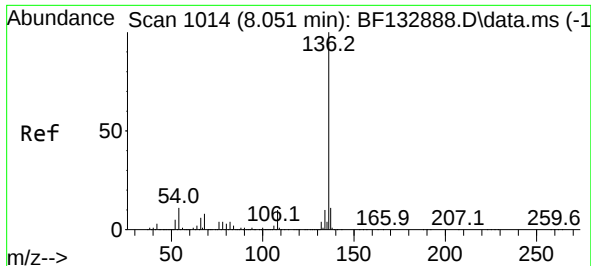
Tgt Ion: 99 Resp: 3323428
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.1 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.983 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion: 70 Resp: 327274
Ion Ratio Lower Upper
70 100
42 52.0 49.0 73.6
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#



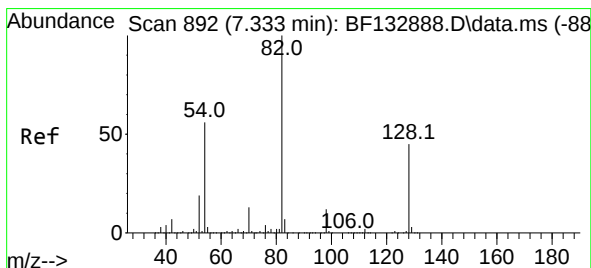
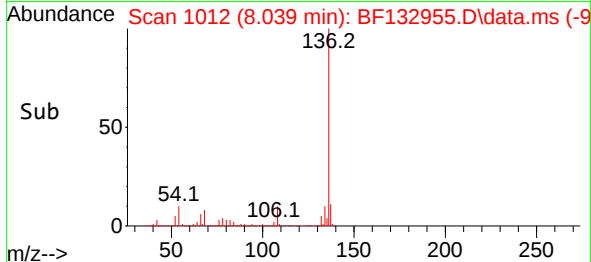
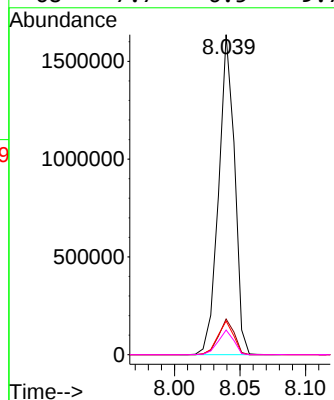
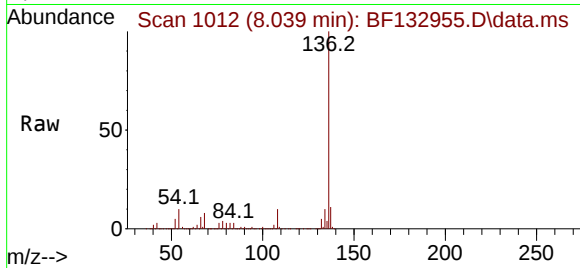


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Instrument :
BNA_F
ClientSampleId :
SPB-8WC-23-04-17

Tgt Ion:136 Resp: 1378045

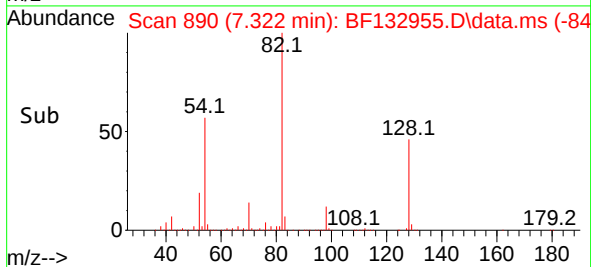
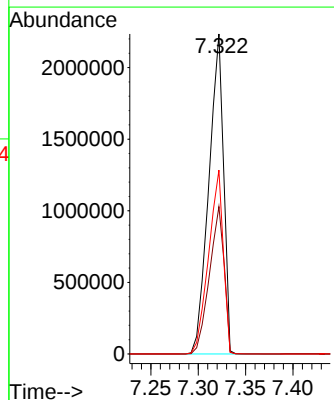
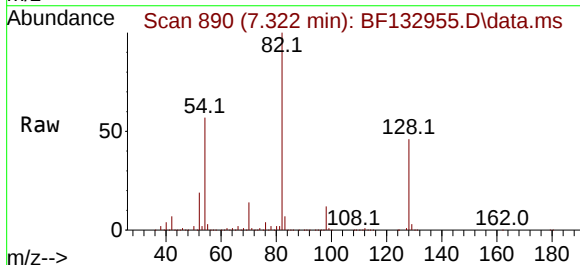
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.5	8.9	13.3
68	7.7	6.5	9.7

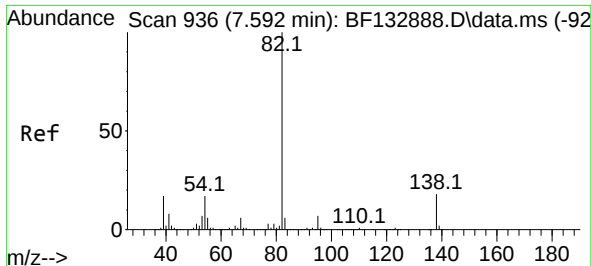


#23
Nitrobenzene-d5
Concen: 91.082 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion: 82 Resp: 2407963

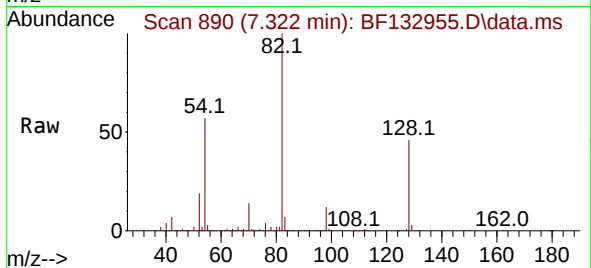
Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.7	53.5
54	57.4	44.7	67.1



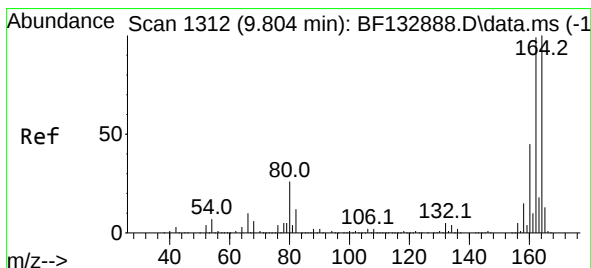
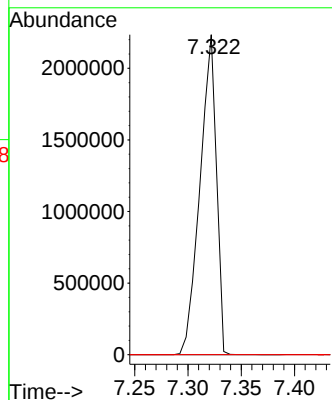
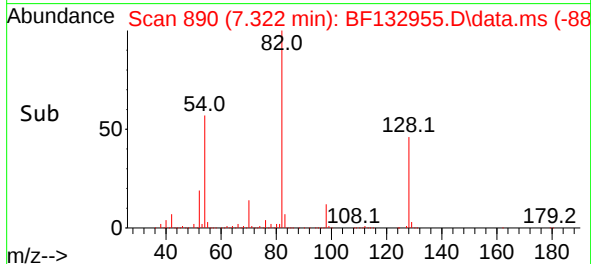


#25
Isophorone
Concen: 47.904 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Instrument :
BNA_F
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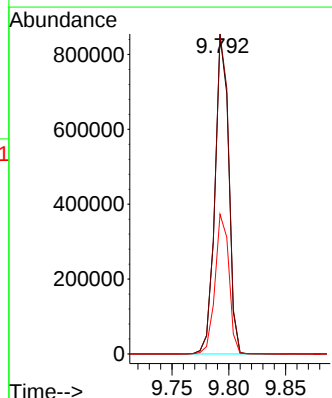
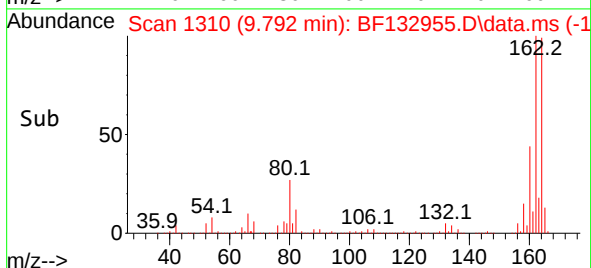
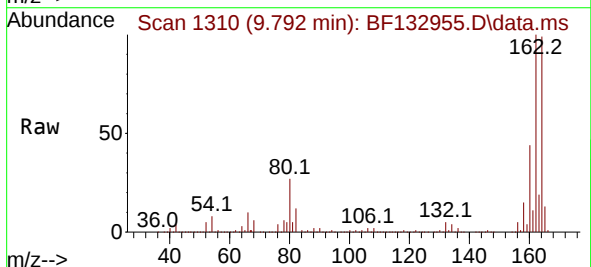


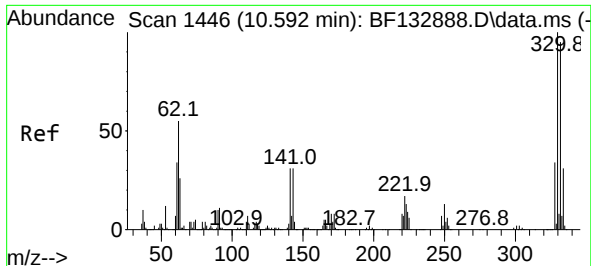
Tgt Ion: 82 Resp: 2402218
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion:164 Resp: 713927
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 43.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 150.087 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

Instrument :

BNA_F

ClientSampleId :

SPB-8WC-23-04-17

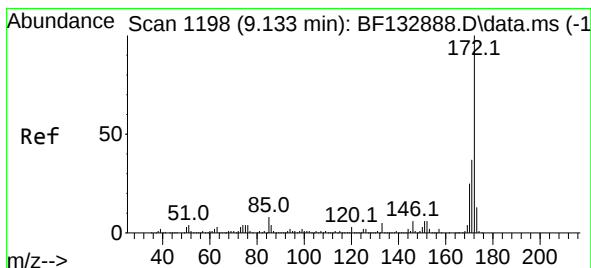
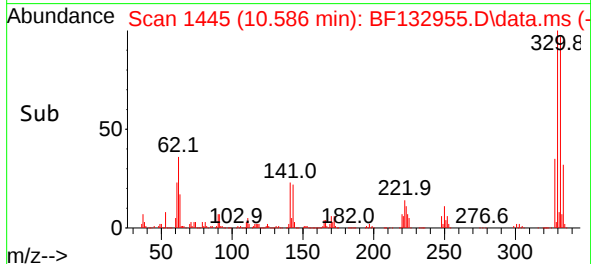
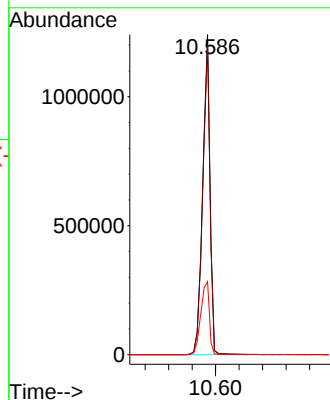
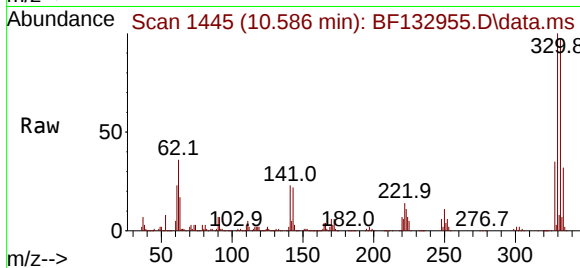
Tgt Ion:330 Resp: 1074729

Ion Ratio Lower Upper

330 100

332 96.7 76.3 114.5

141 26.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 83.133 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132955.D

Acq: 21 Apr 2023 00:41

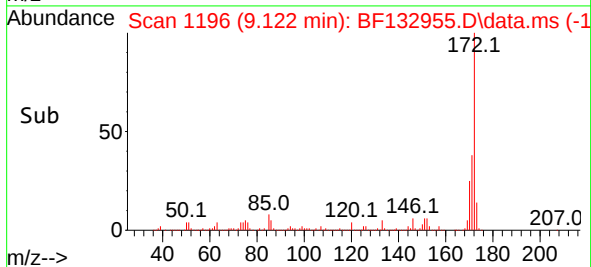
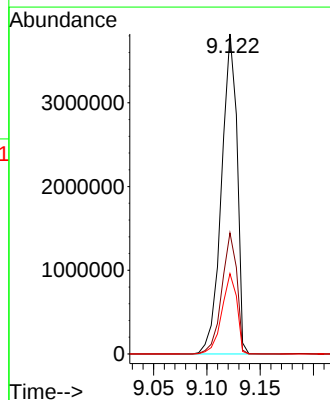
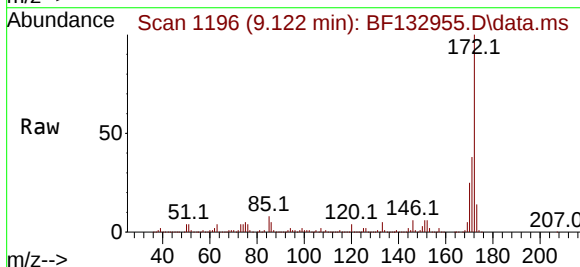
Tgt Ion:172 Resp: 3863453

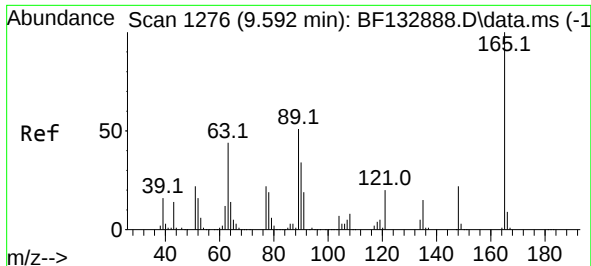
Ion Ratio Lower Upper

172 100

171 37.9 29.4 44.0

170 25.1 20.1 30.1

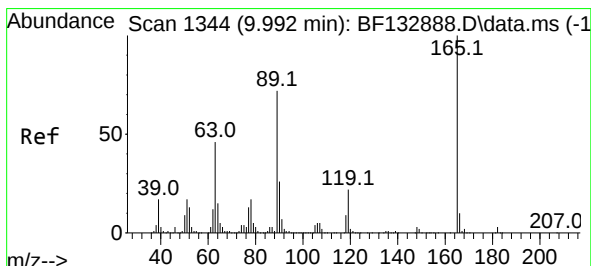
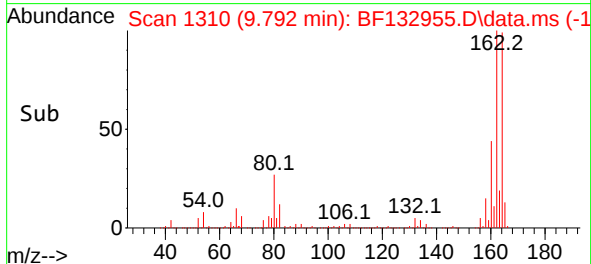
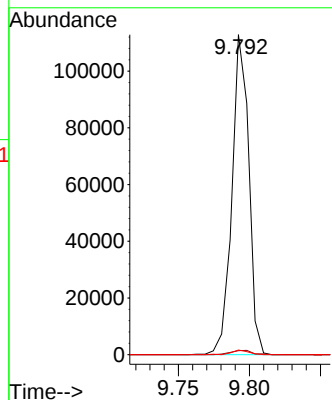
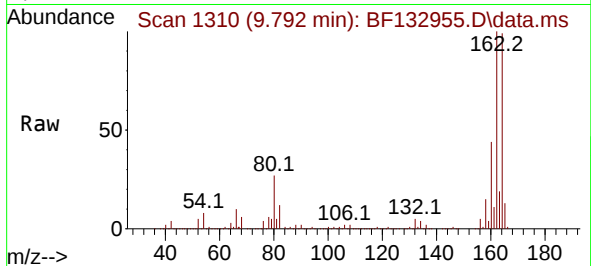




#51
2,6-Dinitrotoluene
Concen: 8.594 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

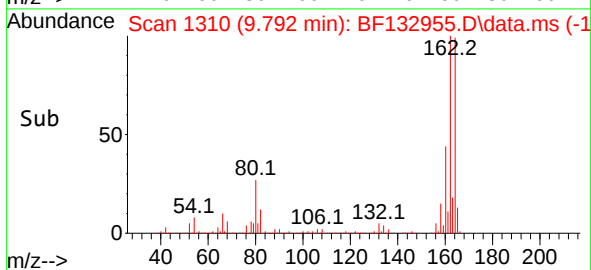
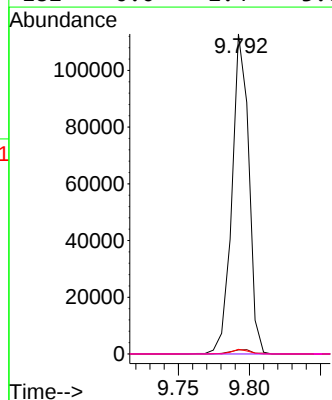
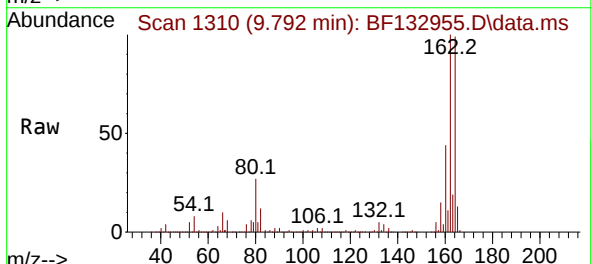
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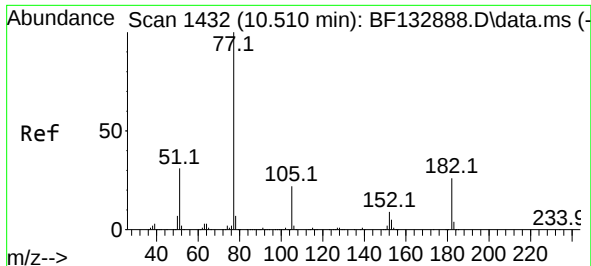
Tgt Ion:165 Resp: 92997
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.5 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.963 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion:165 Resp: 92997
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.6#
89 1.5 57.8 86.6#
182 0.0 2.4 3.6#

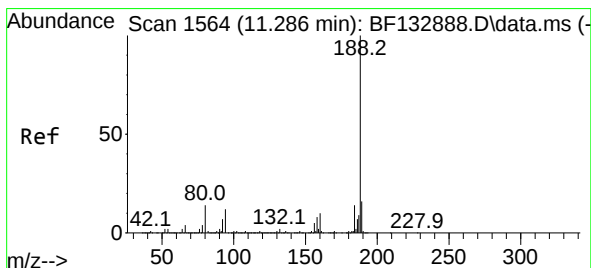
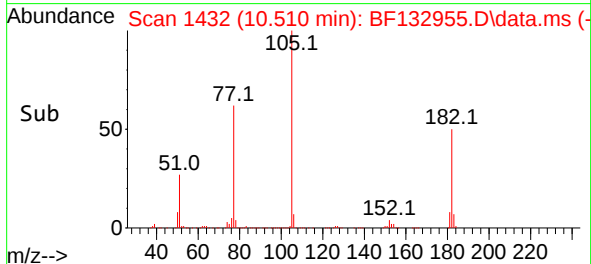
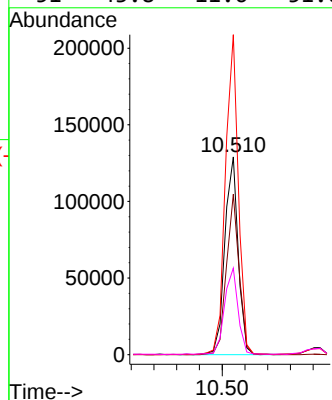
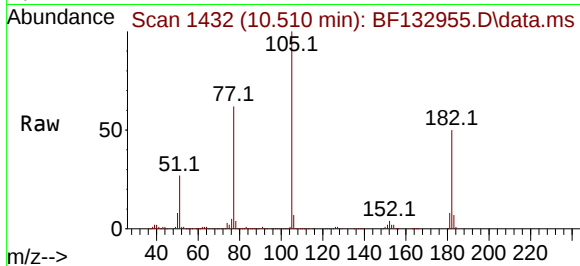




#63
Azobenzene
Concen: 2.060 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

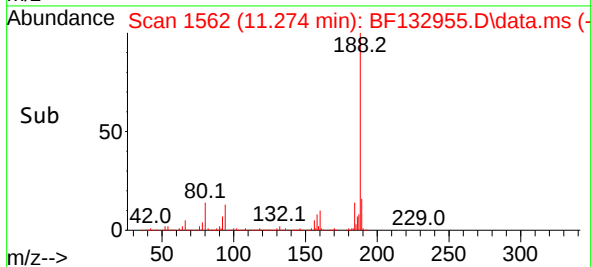
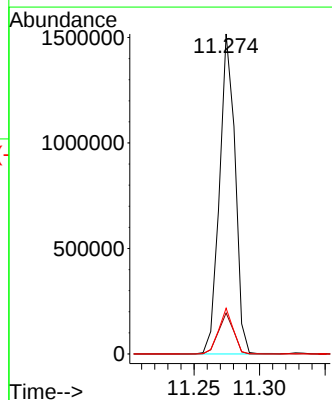
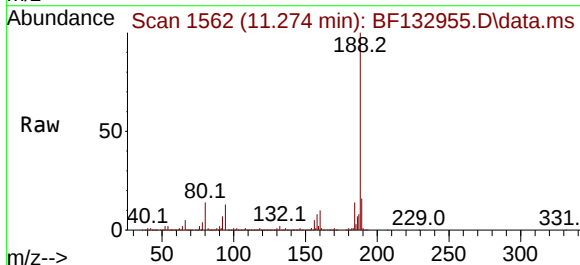
Instrument :
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SPB-8WC-23-04-17

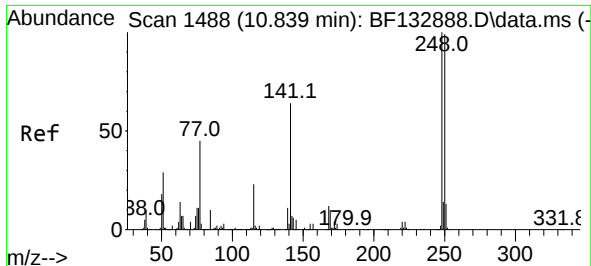
Tgt Ion: 77	Resp: 106150
Ion Ratio	Lower Upper
77 100	
182 81.1	6.0 46.0#
105 161.8	1.6 41.6#
51 43.8	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

Tgt Ion:188	Resp: 1250777		
Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.9	14.9
80	14.3	10.8	16.2

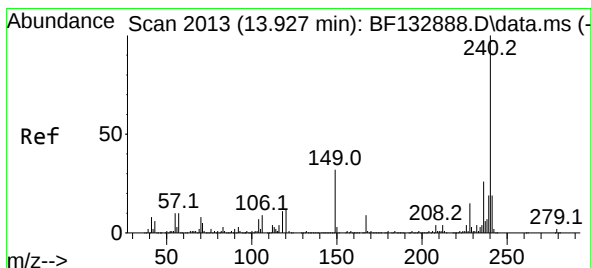
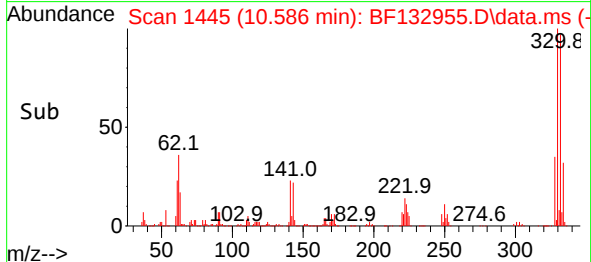
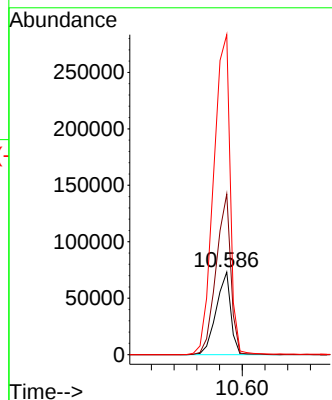
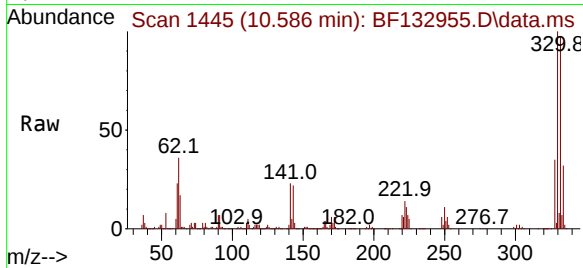




#67
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

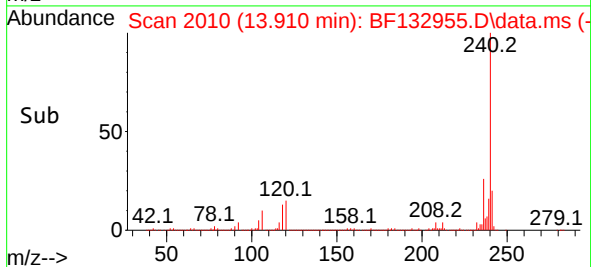
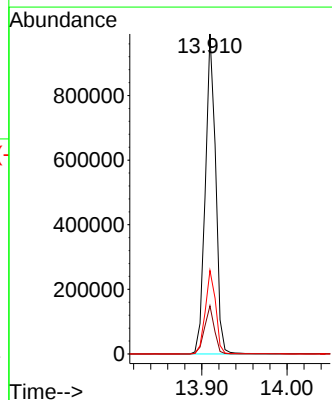
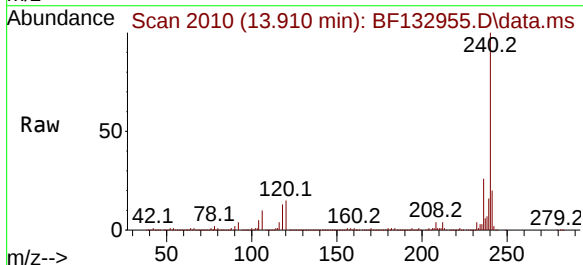
Instrument :
BNA_F
ClientSampleId :
SPB-8WC-23-04-17

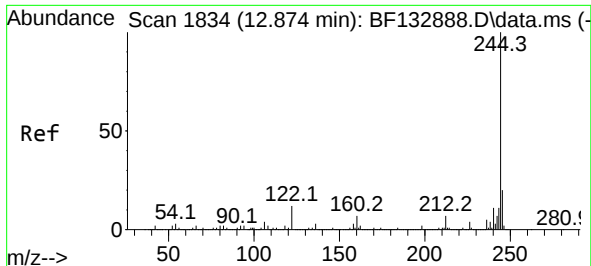
Tgt Ion:248 Resp: 65467
Ion Ratio Lower Upper
248 100
250 194.4 79.1 118.7#
141 387.2 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132955.D
Acq: 21 Apr 2023 00:41

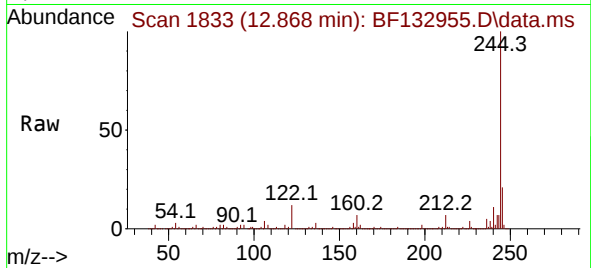
Tgt Ion:240 Resp: 833308
Ion Ratio Lower Upper
240 100
120 15.0 10.0 15.0#
236 26.1 20.8 31.2



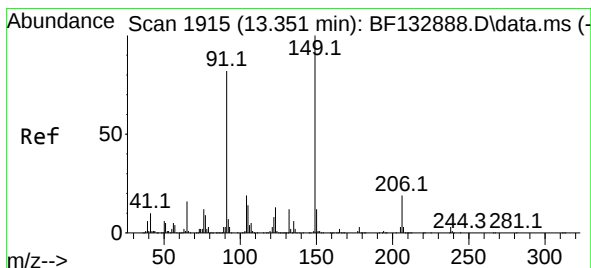
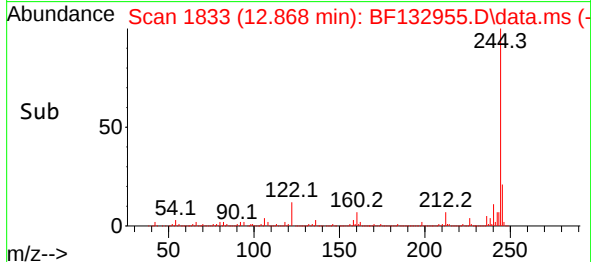
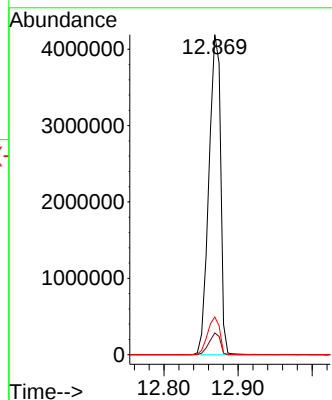


#79
 Terphenyl-d14
 Concen: 93.984 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132955.D
 Acq: 21 Apr 2023 00:41

Instrument :
 BNA_F
 ClientSampleId :
 SPB-8WC-23-04-17

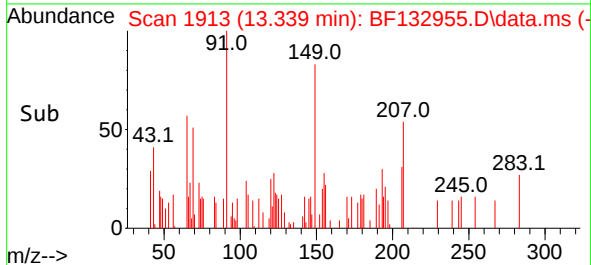
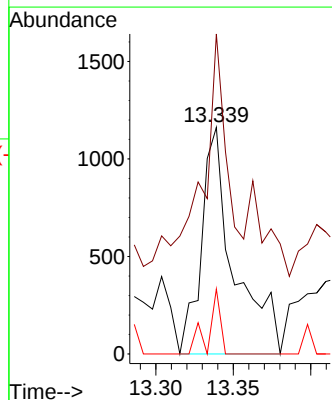
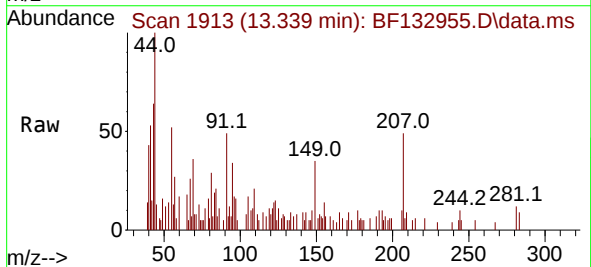


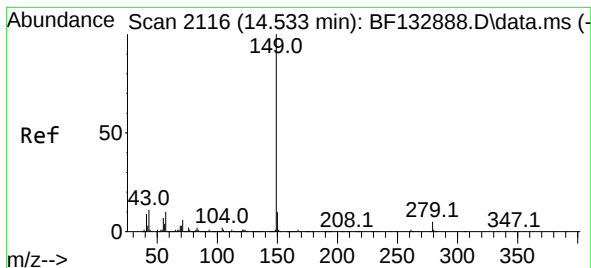
Tgt Ion:244 Resp: 4590510
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.226 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. -0.006 min
 Lab File: BF132955.D
 Acq: 21 Apr 2023 00:41

Tgt Ion:149 Resp: 1690
 Ion Ratio Lower Upper
 149 100
 91 141.2 65.4 98.0#
 206 28.7 15.6 23.4#





#85

Di-n-octyl phthalate

Concen: 6.398 ng

RT: 14.498 min Scan# 2110

Delta R.T. -0.024 min

Lab File: BF132955.D

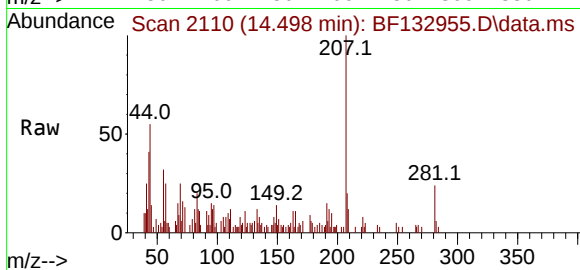
Acq: 21 Apr 2023 00:41

Instrument :

BNA_F

ClientSampleId :

SPB-8WC-23-04-17



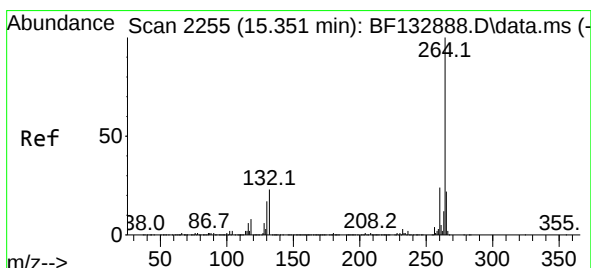
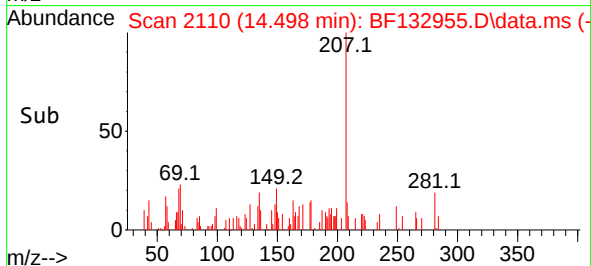
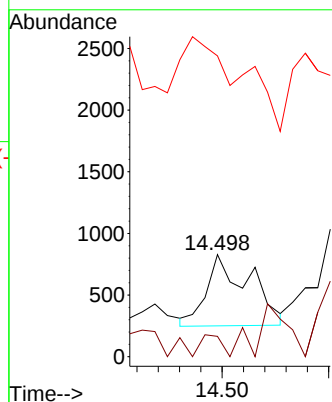
Tgt Ion:149 Resp: 811

Ion Ratio Lower Upper

149 100

167 14.9 1.2 1.8#

43 188.4 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: BF132955.D

Acq: 21 Apr 2023 00:41

Tgt Ion:264 Resp: 694432

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.5 17.7 26.5

