

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132958.D
 Acq On : 21 Apr 2023 02:14
 Operator : CG\JU
 Sample : 02389-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPB-5WC-23-04-17

Quant Time: Apr 21 03:57:00 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)

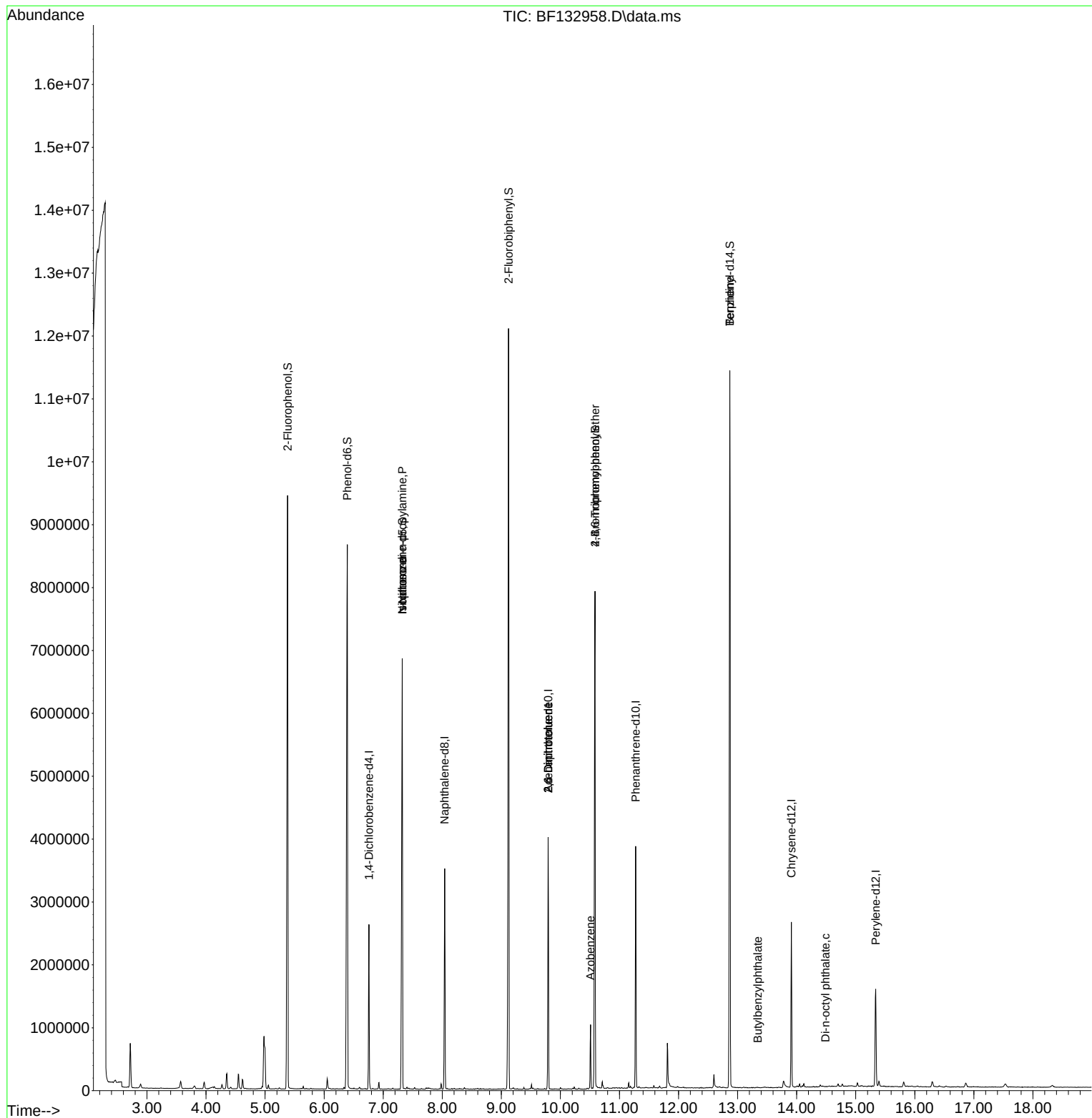
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	334736	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1390032	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	721541	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1239294	20.000	ng	0.00
76) Chrysene-d12	13.910	240	779590	20.000	ng	0.00
86) Perylene-d12	15.339	264	647582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2889110	134.961	ng	0.02
7) Phenol-d6	6.393	99	3505193	128.319	ng	0.00
23) Nitrobenzene-d5	7.322	82	2463658	92.385	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1100418	152.052	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	4010373	85.384	ng	0.00
79) Terphenyl-d14	12.869	244	4619922	101.104	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	329911	19.349	ng	# 79
25) Isophorone	7.322	82	2458440	48.602	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	93888	8.584	ng	# 28
57) 2,4-Dinitrotoluene	9.792	165	93888	6.955	ng	# 23
63) Azobenzene	10.510	77	162998	3.130	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	66617	4.707	ng	# 1
77) Benzidine	12.869	184	54046	4.450	ng	# 92
80) Butylbenzylphthalate	13.339	149	1194	5.203	ng	# 88
85) Di-n-octyl phthalate	14.486	149	238	6.388	ng	# 1

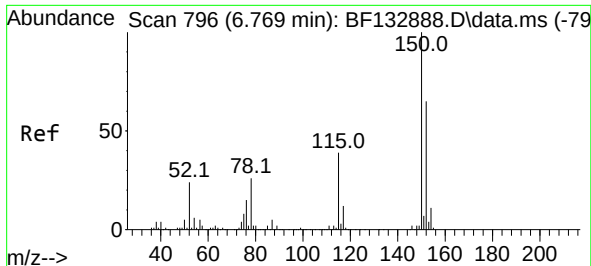
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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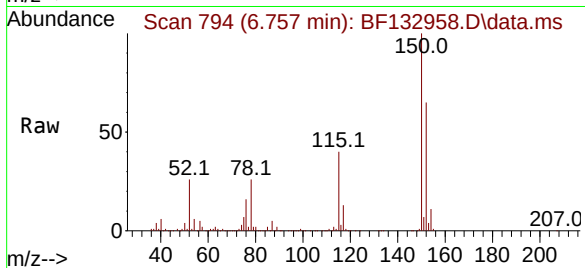
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
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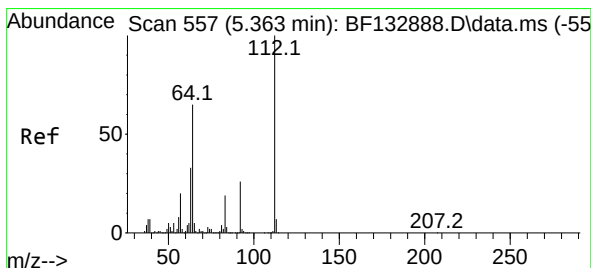
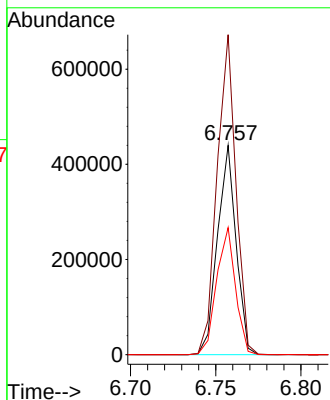
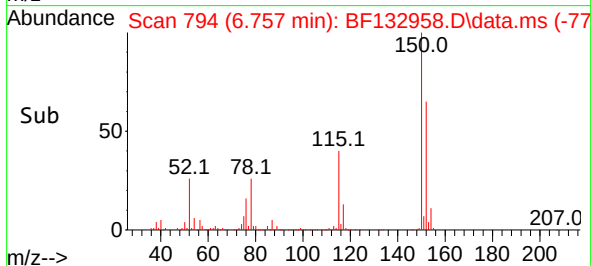


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Instrument :
BNA_F
ClientSampleId :
SPB-5WC-23-04-17

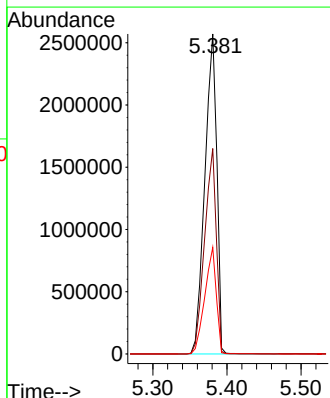
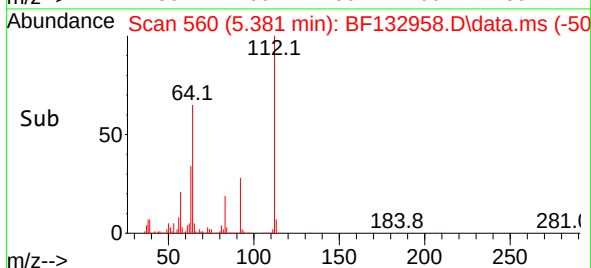
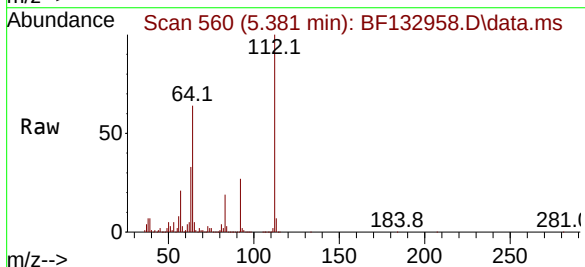


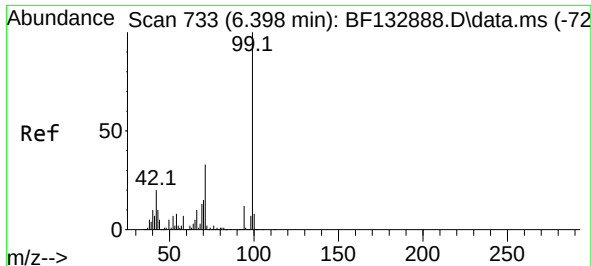
Tgt Ion:152 Resp: 334736
Ion Ratio Lower Upper
152 100
150 152.8 122.8 184.2
115 60.7 47.3 70.9



#5
2-Fluorophenol
Concen: 134.961 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion:112 Resp: 2889110
Ion Ratio Lower Upper
112 100
64 64.2 51.8 77.8
63 33.3 26.3 39.5

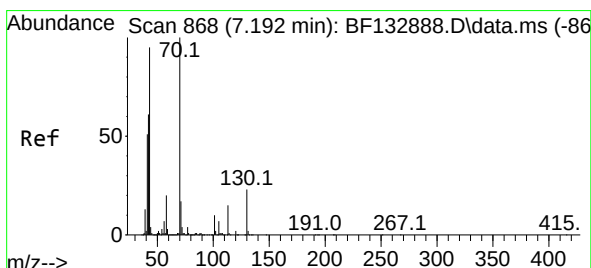
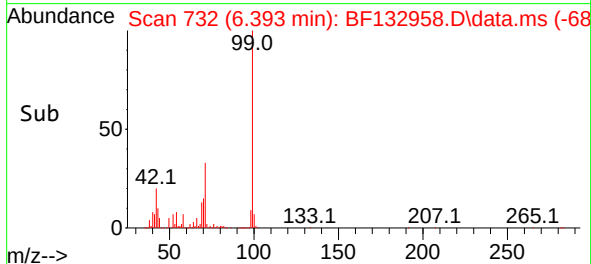
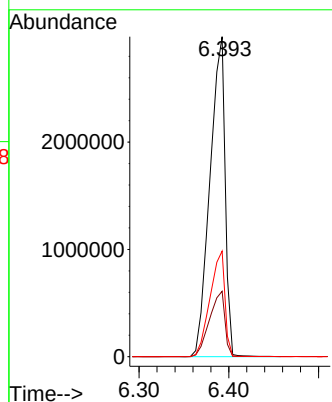
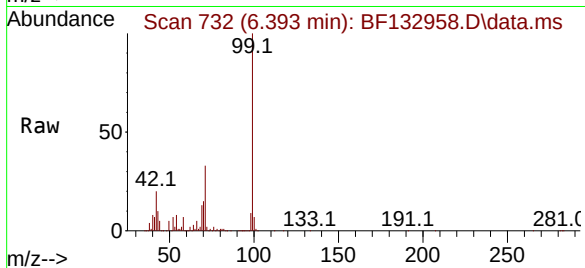




#7
Phenol-d6
Concen: 128.319 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

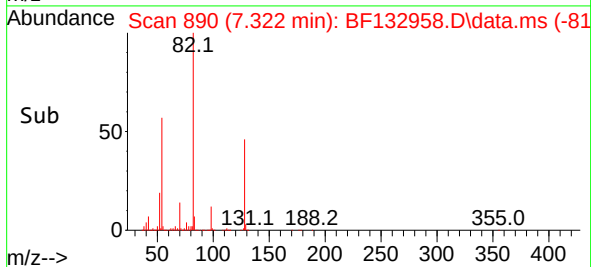
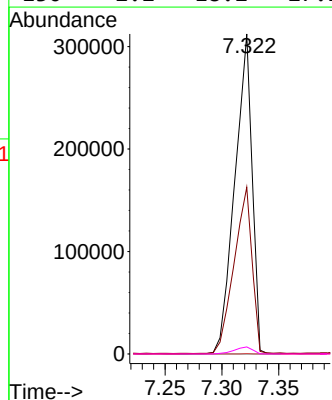
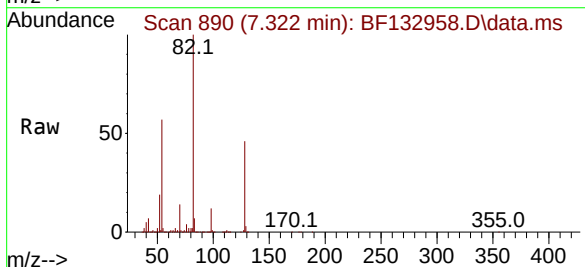
Instrument :
BNA_F
ClientSampleId :
SPB-5WC-23-04-17

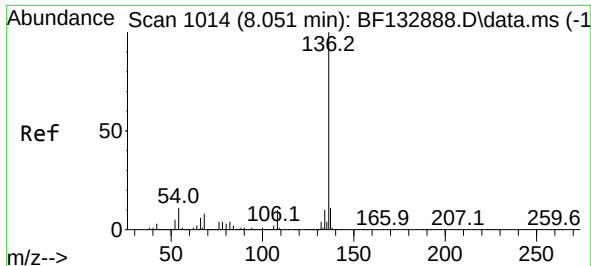
Tgt Ion: 99 Resp: 3505193
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.0 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.349 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion: 70 Resp: 329911
Ion Ratio Lower Upper
70 100
42 52.1 49.0 73.6
101 0.1 8.1 12.1#
130 2.2 18.2 27.2#



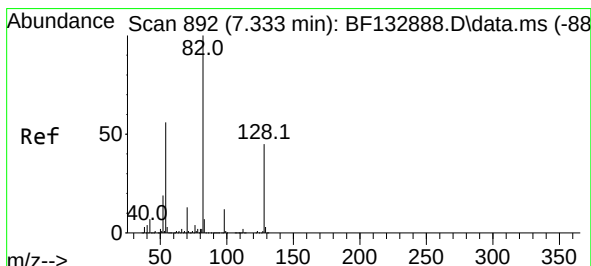
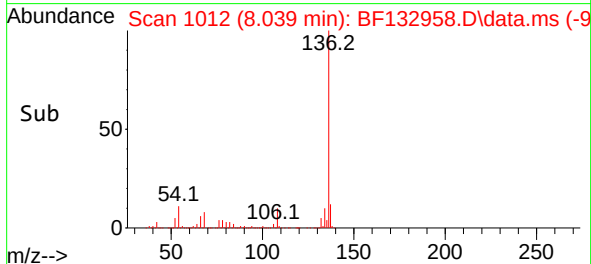
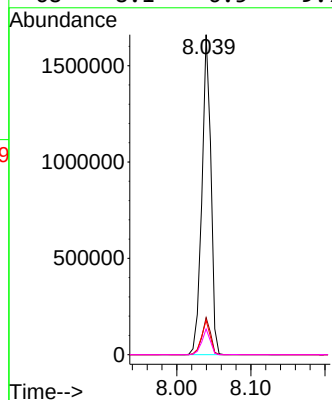
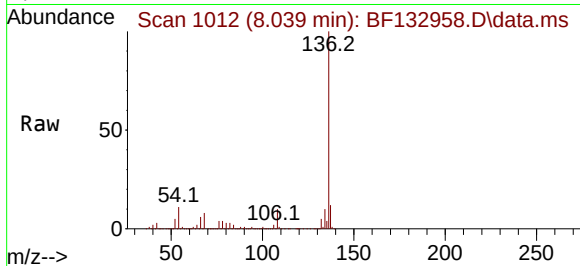


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Instrument :
BNA_F
ClientSampleId :
SPB-5WC-23-04-17

Tgt Ion:136 Resp: 1390032

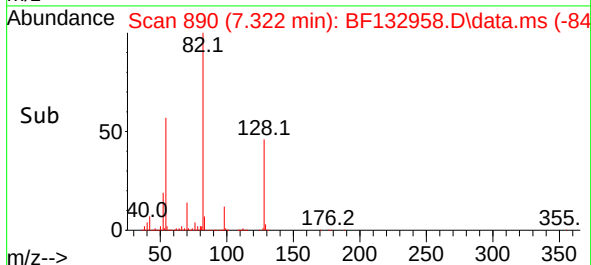
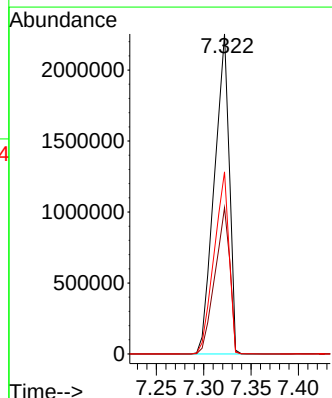
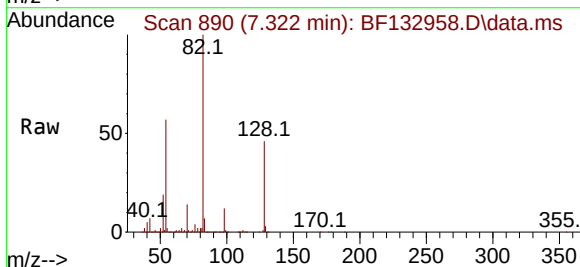
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.7	8.9	13.3
68	8.1	6.5	9.7

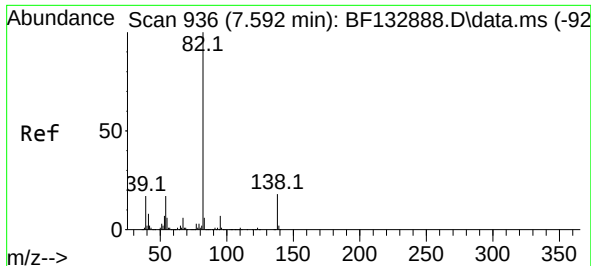


#23
Nitrobenzene-d5
Concen: 92.385 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion: 82 Resp: 2463658

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	56.9	44.7	67.1

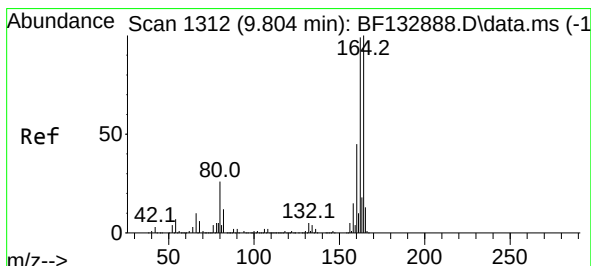
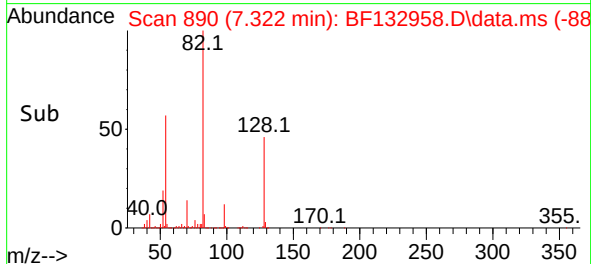
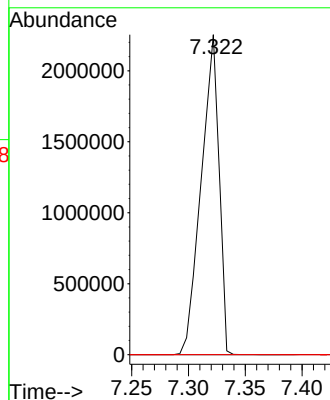
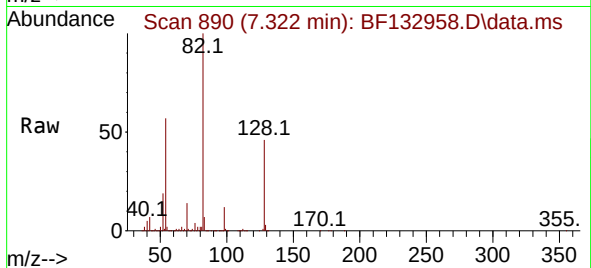




#25
Isophorone
Concen: 48.602 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

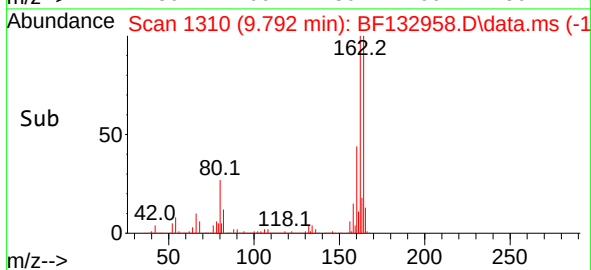
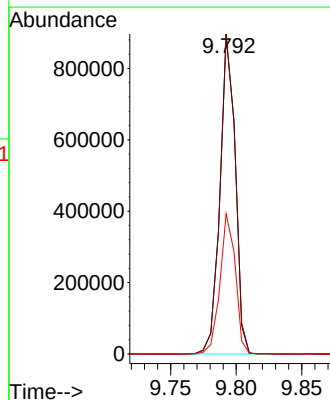
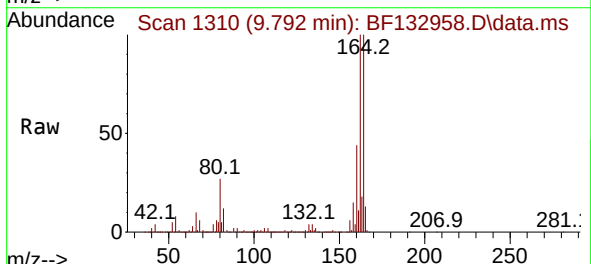
Instrument :
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SPB-5WC-23-04-17

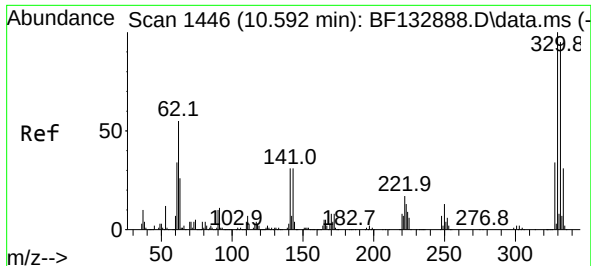
Tgt Ion: 82 Resp: 2458440
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion:164 Resp: 721541
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 43.8 35.6 53.4

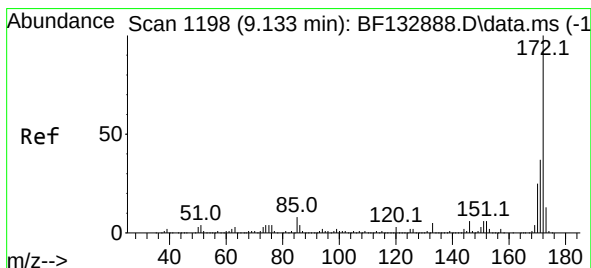
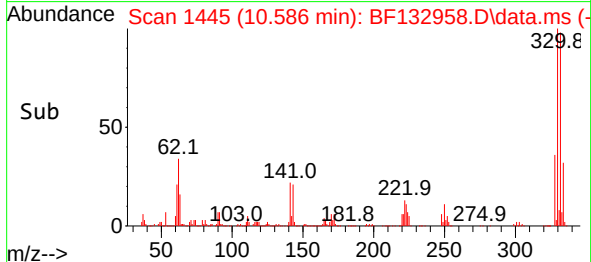
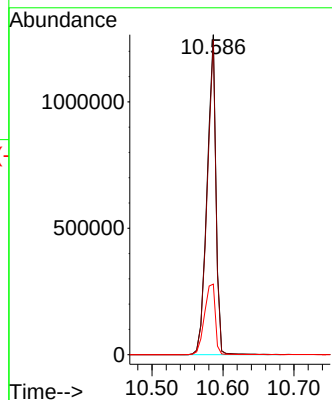
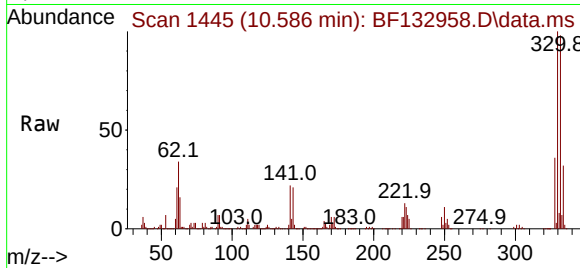




#42
2,4,6-Tribromophenol
Concen: 152.052 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

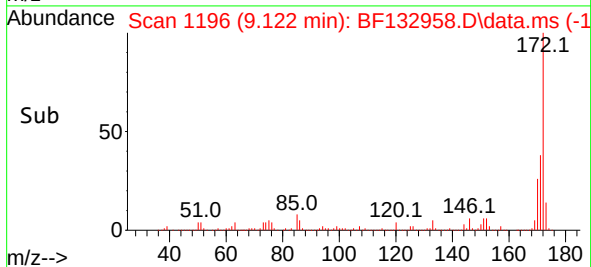
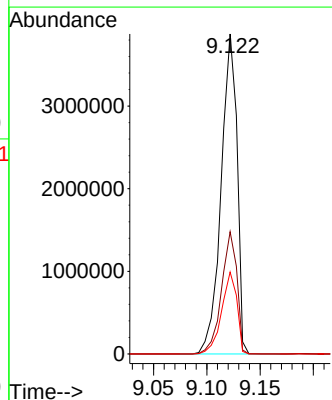
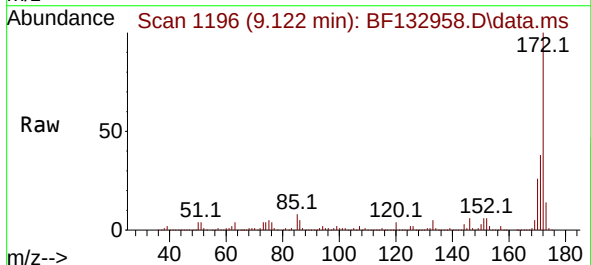
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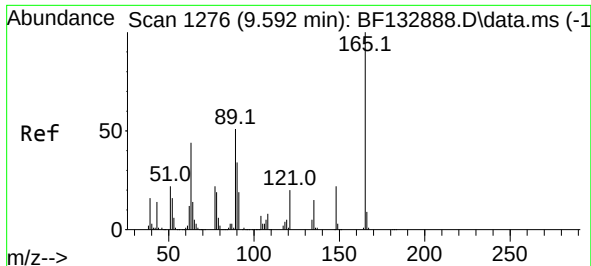
Tgt Ion:330 Resp: 1100418
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 27.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 85.384 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion:172 Resp: 4010373
Ion Ratio Lower Upper
172 100
171 38.2 29.4 44.0
170 25.6 20.1 30.1

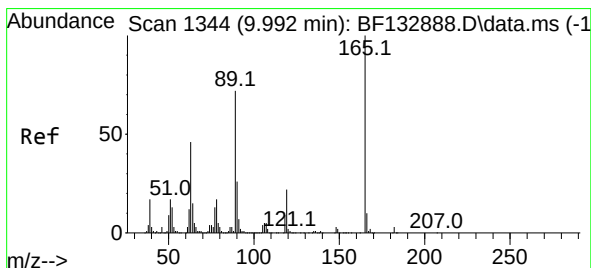
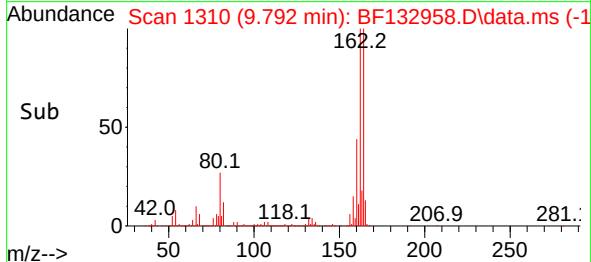
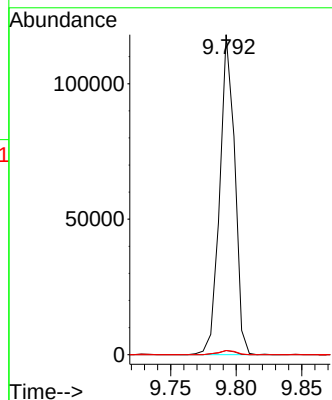
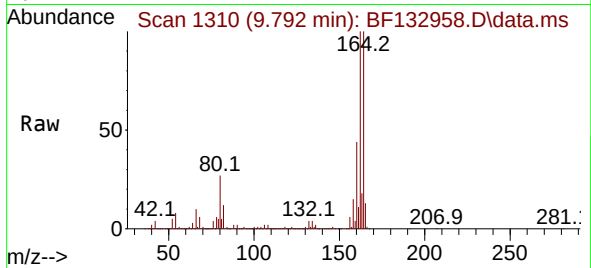




#51
2,6-Dinitrotoluene
Concen: 8.584 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.212 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

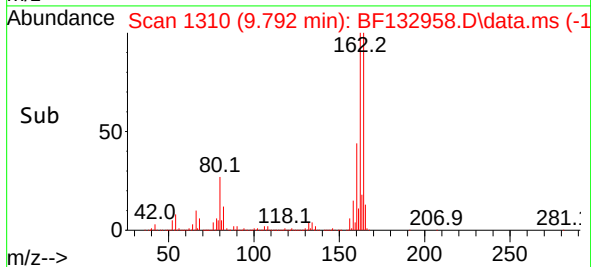
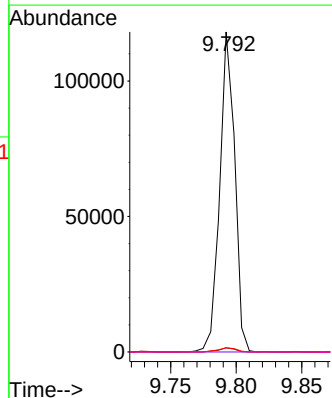
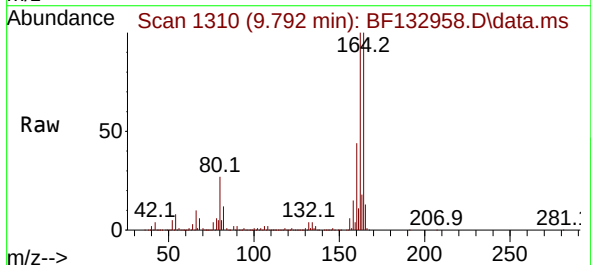
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SPB-5WC-23-04-17

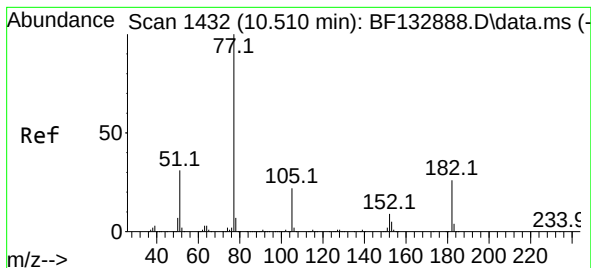
Tgt Ion:165 Resp: 93888
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.3 41.0 61.4#



#57
2,4-Dinitrotoluene
Concen: 6.955 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion:165 Resp: 93888
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.6#
89 1.3 57.8 86.6#
182 0.0 2.4 3.6#





#63

Azobenzene

Concen: 3.130 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.012 min

Lab File: BF132958.D

Acq: 21 Apr 2023 02:14

Instrument :

BNA_F

ClientSampleId :

SPB-5WC-23-04-17

Tgt Ion: 77 Resp: 162998

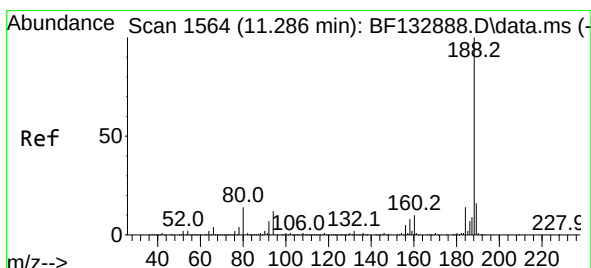
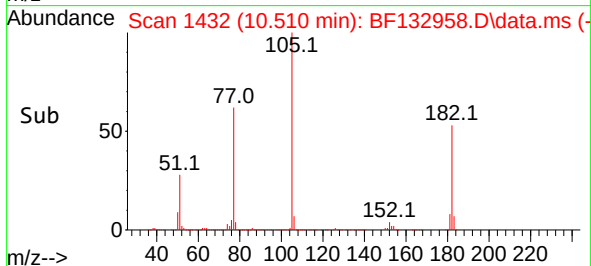
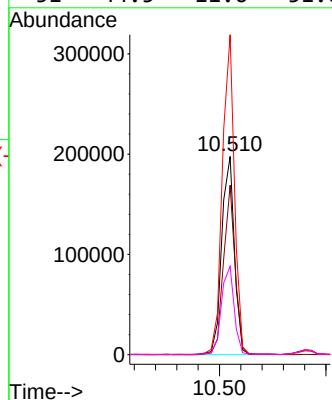
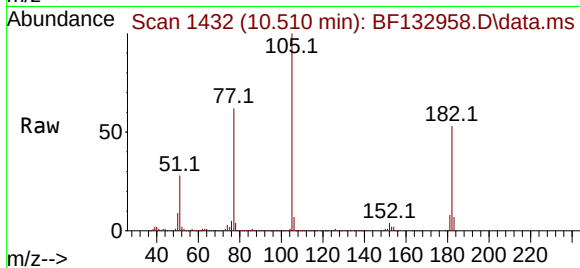
Ion Ratio Lower Upper

77 100

182 85.5 6.0 46.0#

105 161.4 1.6 41.6#

51 44.5 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF132958.D

Acq: 21 Apr 2023 02:14

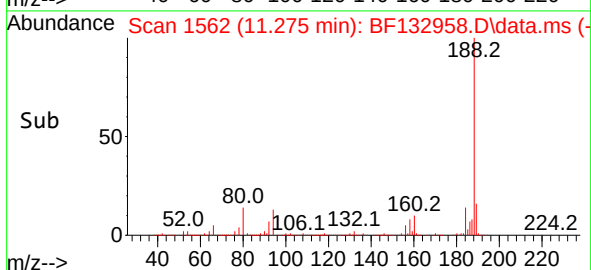
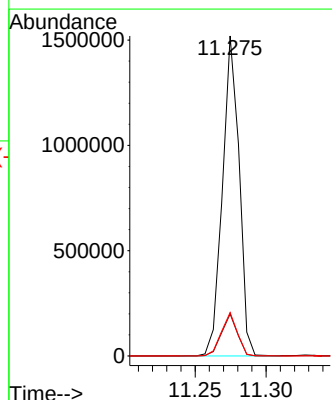
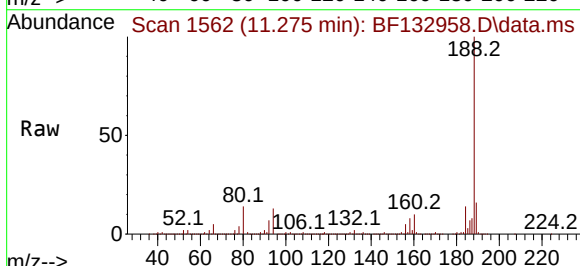
Tgt Ion: 188 Resp: 1239294

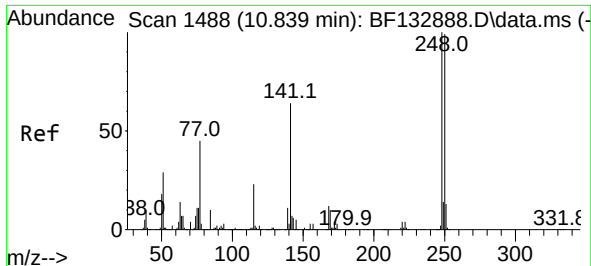
Ion Ratio Lower Upper

188 100

94 13.1 9.9 14.9

80 13.6 10.8 16.2

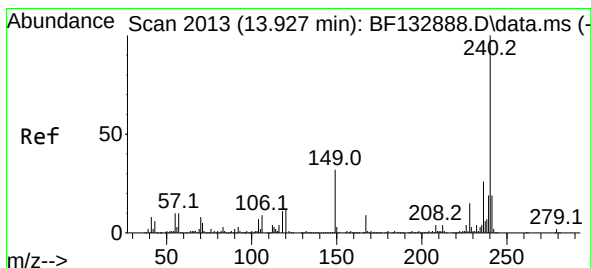
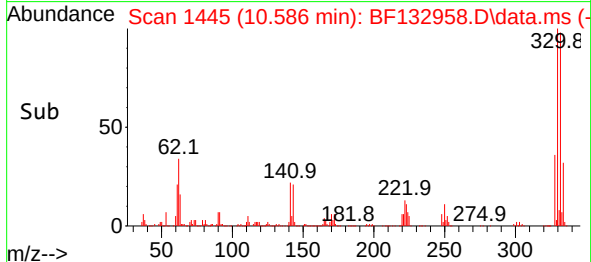
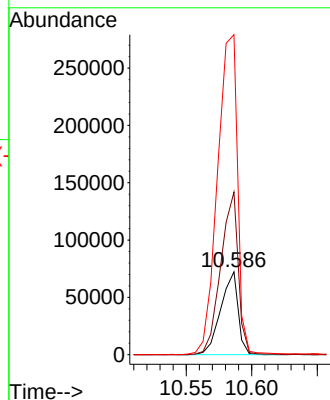
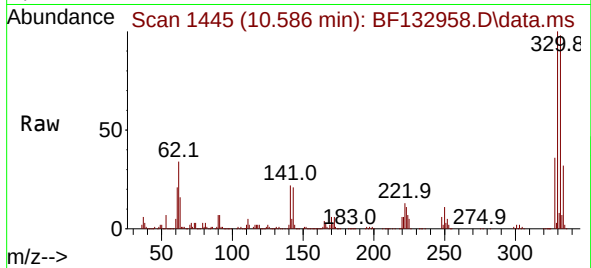




#67
4-Bromophenyl-phenylether
Concen: 4.707 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

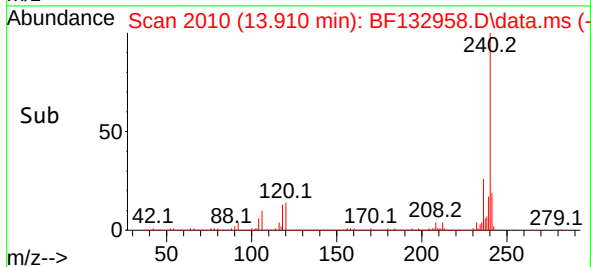
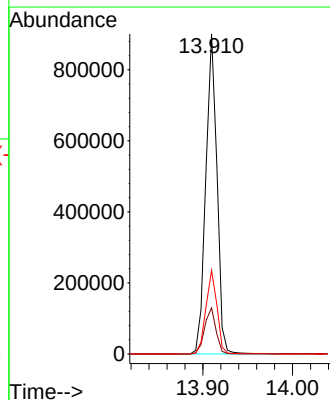
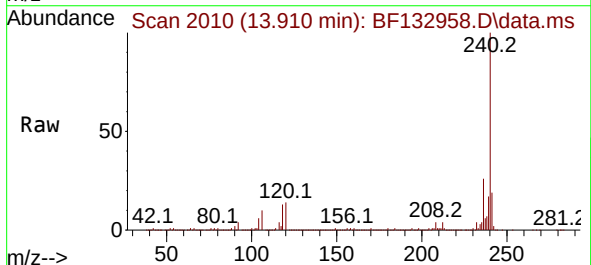
Instrument :
BNA_F
ClientSampleId :
SPB-5WC-23-04-17

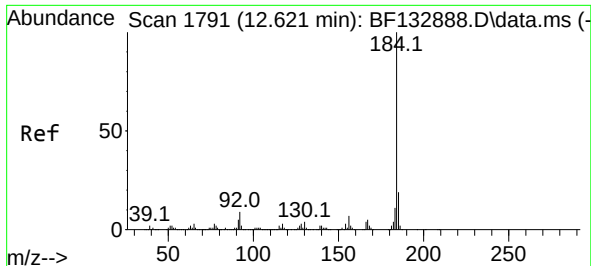
Tgt Ion:248 Resp: 66617
Ion Ratio Lower Upper
248 100
250 196.0 79.1 118.7#
141 385.9 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion:240 Resp: 779590
Ion Ratio Lower Upper
240 100
120 14.4 10.0 15.0
236 26.1 20.8 31.2

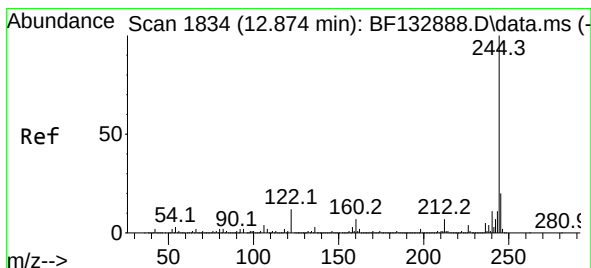
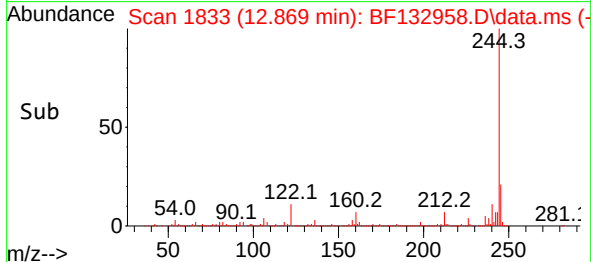
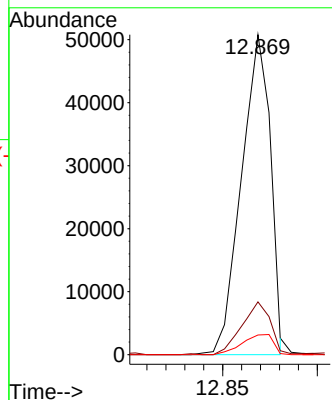
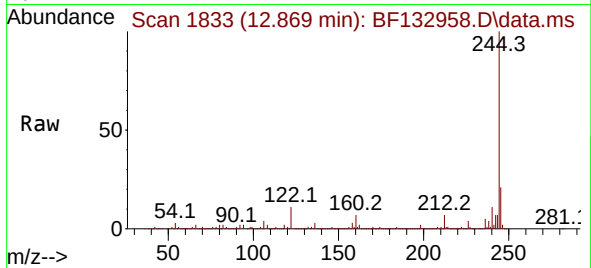




#77
Benzidine
Concen: 4.450 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.259 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

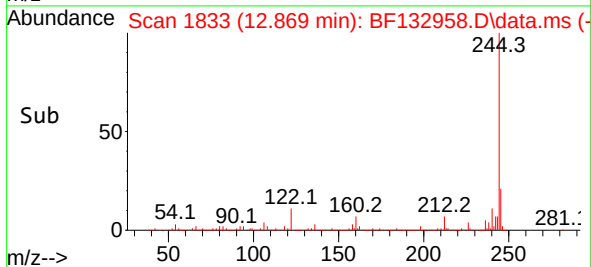
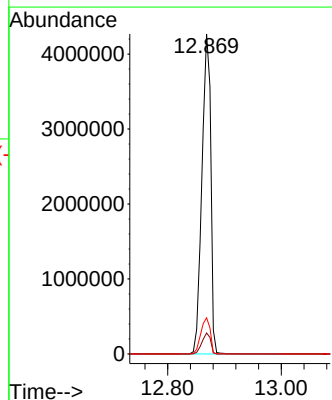
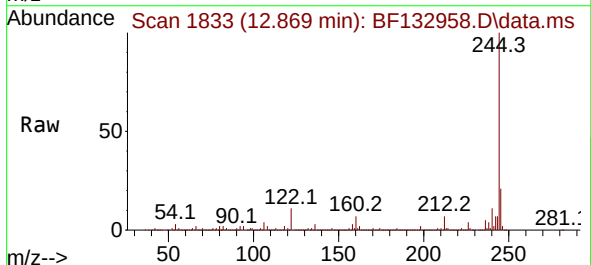
Instrument :
BNA_F
ClientSampleId :
SPB-5WC-23-04-17

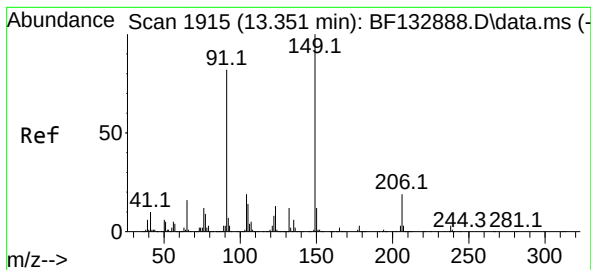
Tgt Ion:184 Resp: 54046
Ion Ratio Lower Upper
184 100
185 16.5 14.9 22.3
183 6.1 9.0 13.6#



#79
Terphenyl-d14
Concen: 101.104 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF132958.D
Acq: 21 Apr 2023 02:14

Tgt Ion:244 Resp: 4619922
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.3 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.203 ng

RT: 13.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132958.D

Acq: 21 Apr 2023 02:14

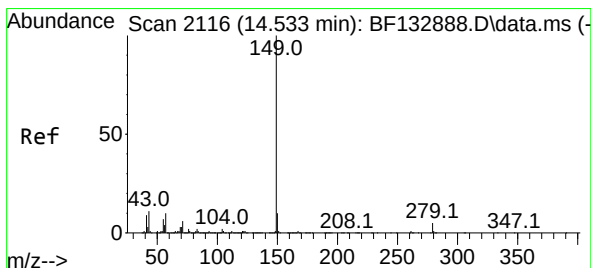
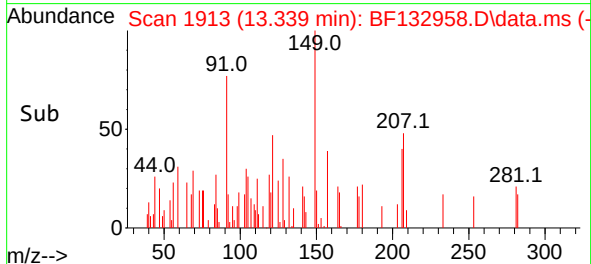
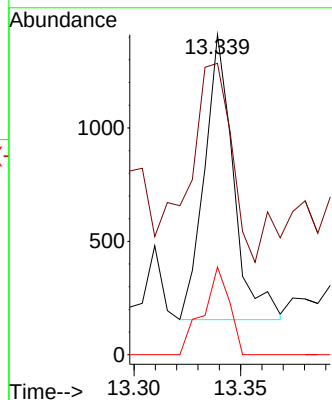
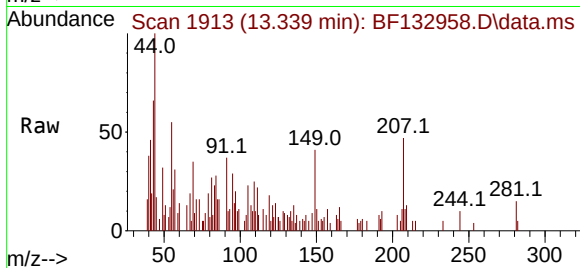
Instrument :

BNA_F

ClientSampleId :

SPB-5WC-23-04-17

Tgt Ion:	149	Resp:	1194
Ion	Ratio	Lower	Upper
149	100		
91	91.1	65.4	98.0
206	27.4	15.6	23.4



#85

Di-n-octyl phthalate

Concen: 6.388 ng

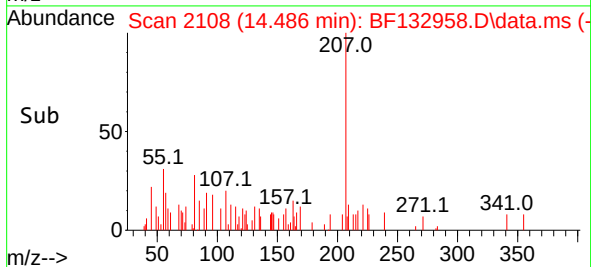
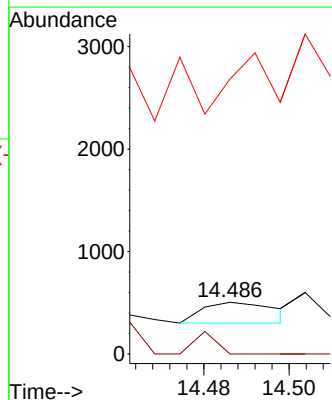
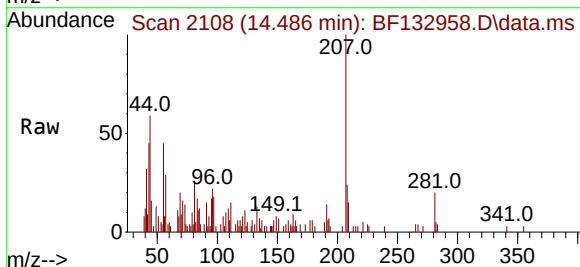
RT: 14.486 min Scan# 2108

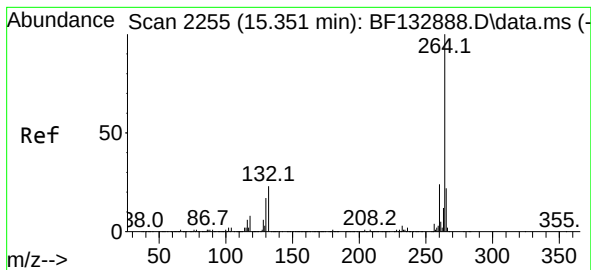
Delta R.T. -0.035 min

Lab File: BF132958.D

Acq: 21 Apr 2023 02:14

Tgt Ion:	149	Resp:	238
Ion	Ratio	Lower	Upper
149	100		
167	32.8	1.2	1.8
43	212.2	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: BF132958.D

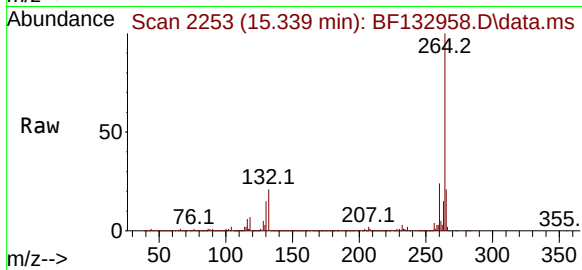
Acq: 21 Apr 2023 02:14

Instrument :

BNA_F

ClientSampleId :

SPB-5WC-23-04-17



Tgt Ion:264 Resp: 647582

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.0 17.7 26.5

