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 Data File : BF128661.D
 Acq On : 03 Jun 2022 02:38
 Operator : CG\JU
 Sample : N2989-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

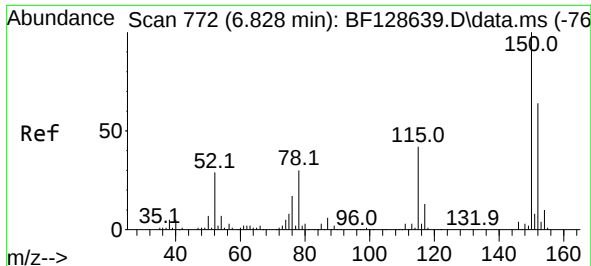
Instrument :
 BNA_F
 ClientSampleId :
 P015-SS008-0006-01

Quant Time: Jun 03 03:28:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	79146	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	292615	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	156293	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	271012	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	176973	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	182064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	383305	77.141	ng	0.00
7) Phenol-d6	6.486	99	480174	79.166	ng	-0.01
23) Nitrobenzene-d5	7.386	82	356199	56.676	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	137233	74.313	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	664395	59.547	ng	0.00
79) Terphenyl-d14	12.939	244	583370	57.279	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	51426	13.637	ng	# 82
25) Isophorone	7.386	82	356195	37.316	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	20197	9.565	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	20197	7.168	ng	# 22
67) 4-Bromophenyl-phenylether	10.651	248	9315	3.082	ng	# 1
74) Di-n-butylphthalate	11.916	149	48961	3.218	ng	99
77) Benzidine	12.939	184	9839	2.789	ng	# 90
84) Bis(2-ethylhexyl)phtha...	13.980	149	37992	5.285	ng	98

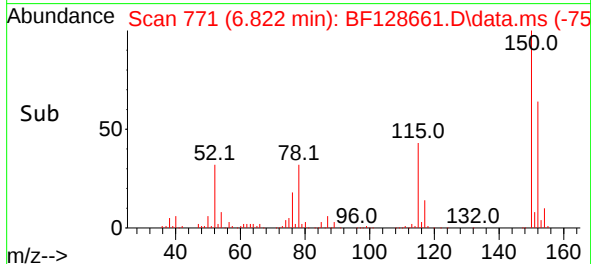
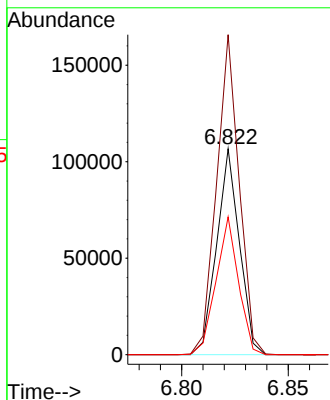
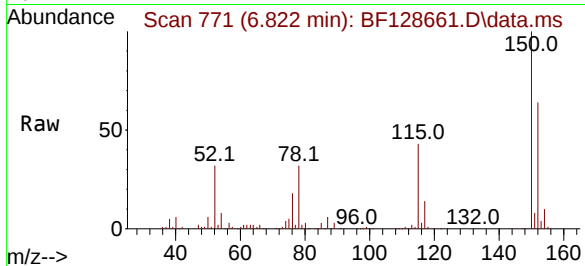
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

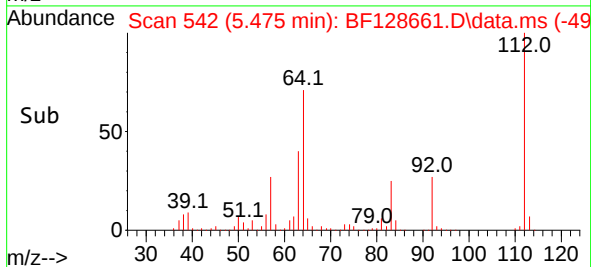
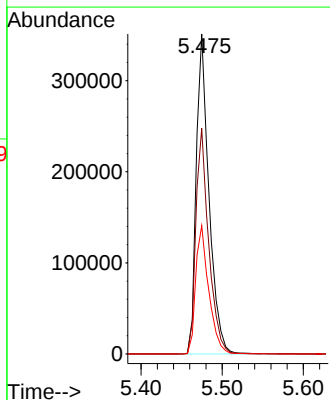
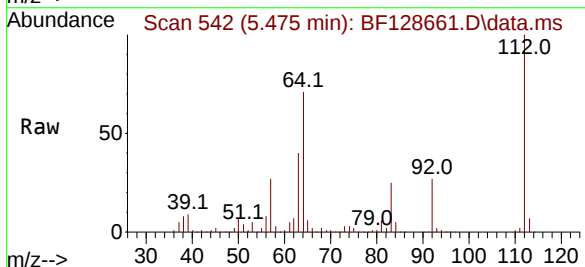
Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

Tgt Ion:152 Resp: 79146
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 66.9 49.9 74.9



#5
2-Fluorophenol
Concen: 77.141 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:112 Resp: 383305
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 40.1 28.0 42.0

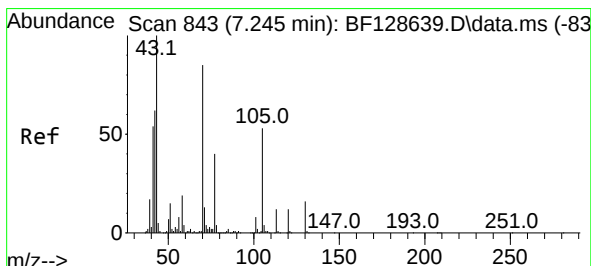
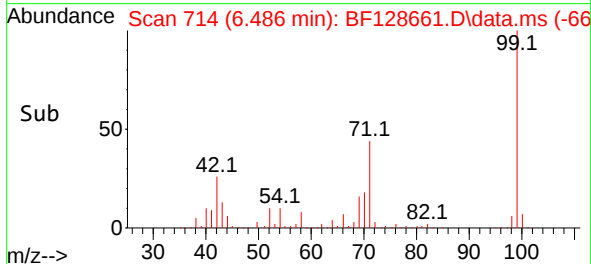
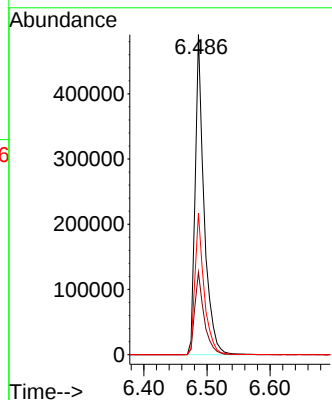
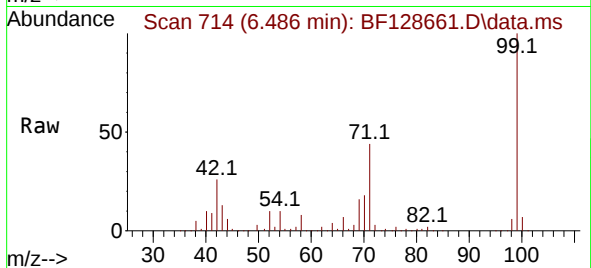




#7
Phenol-d6
Concen: 79.166 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

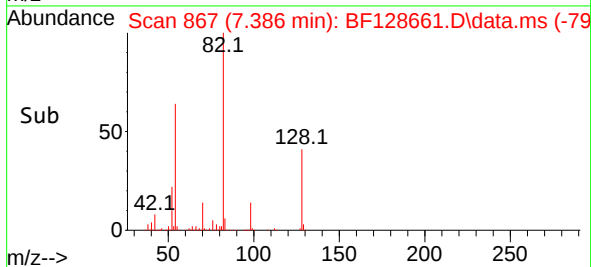
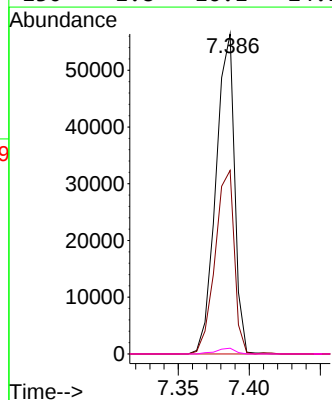
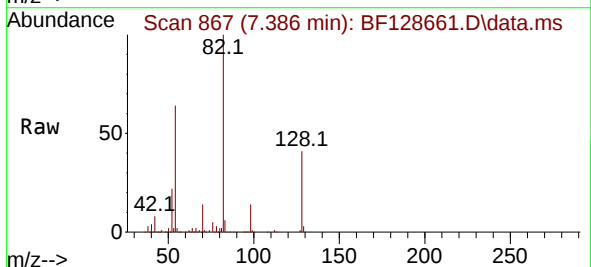
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BNA_F
ClientSampleId :
P015-SS008-0006-01

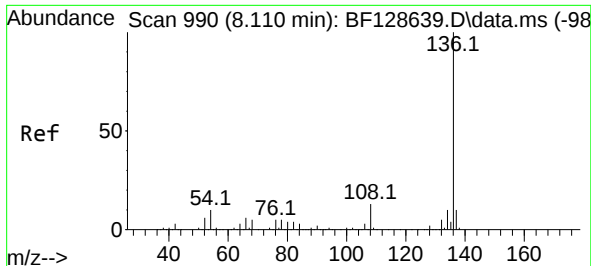
Tgt Ion: 99 Resp: 480174
Ion Ratio Lower Upper
99 100
42 25.8 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.637 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion: 70 Resp: 51426
Ion Ratio Lower Upper
70 100
42 57.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

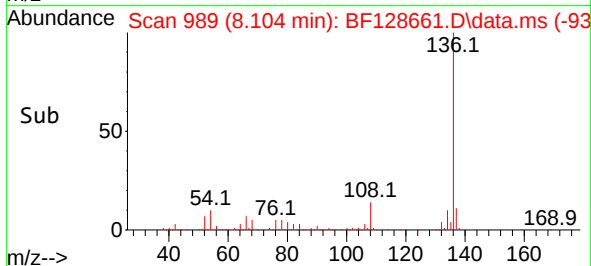
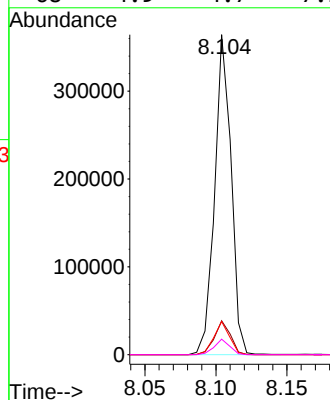
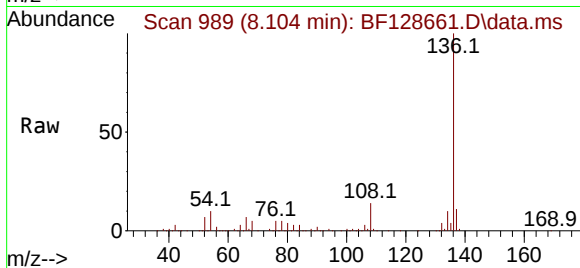




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

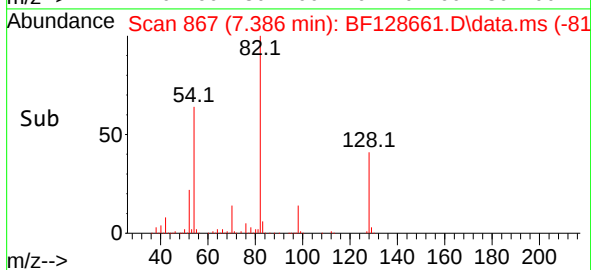
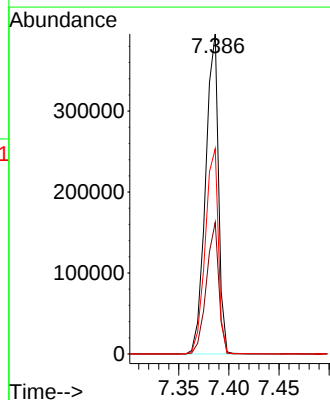
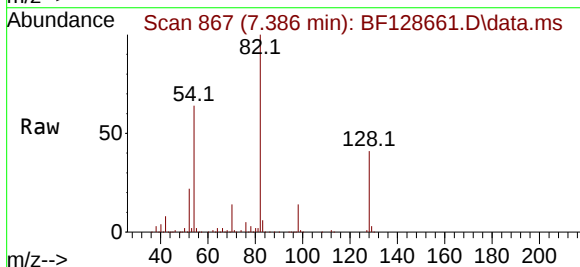
Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

Tgt Ion:	136	Resp:	292615
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.3	7.5	11.3
68	4.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 56.676 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:	82	Resp:	356199
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	64.2	46.9	70.3

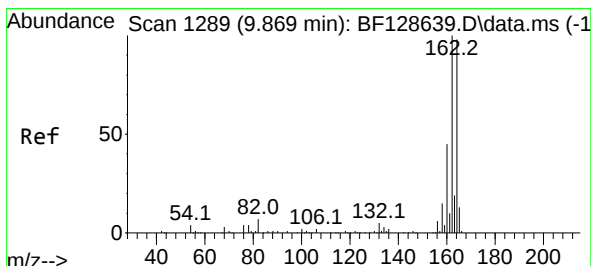
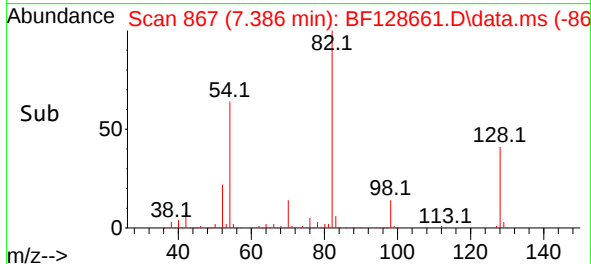
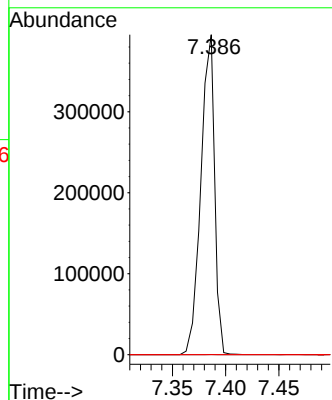
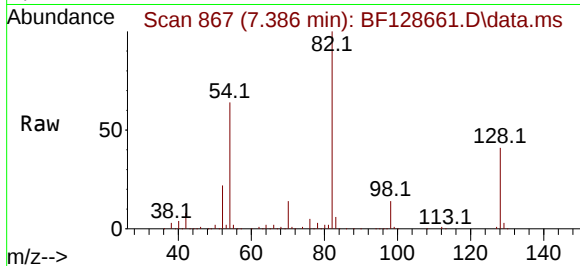




#25
Isophorone
Concen: 37.316 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

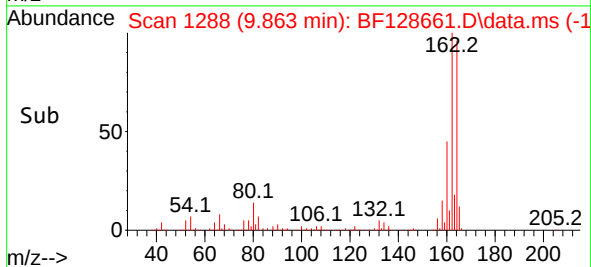
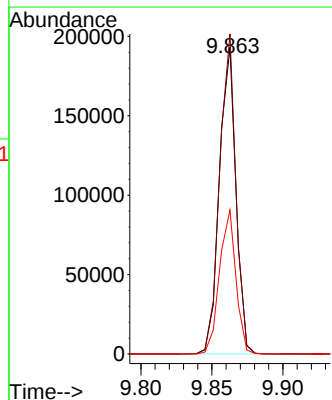
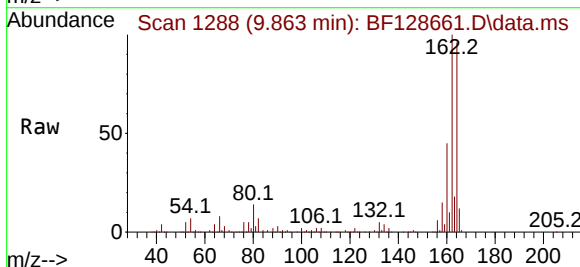
Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

Tgt Ion: 82 Resp: 356195
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:164 Resp: 156293
Ion Ratio Lower Upper
164 100
162 104.3 79.5 119.3
160 46.9 34.2 51.4

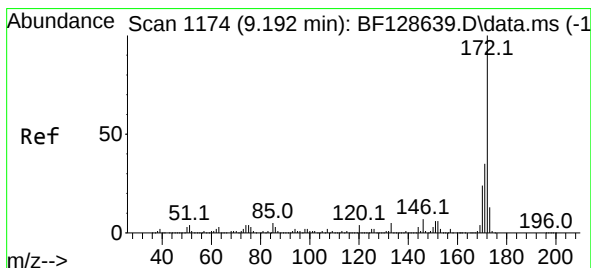
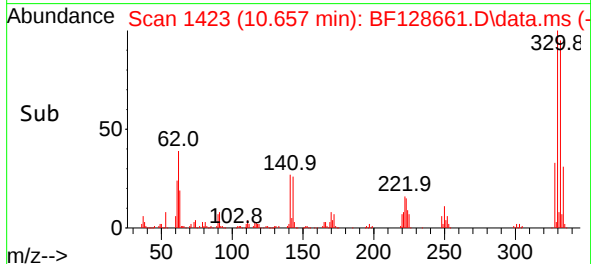
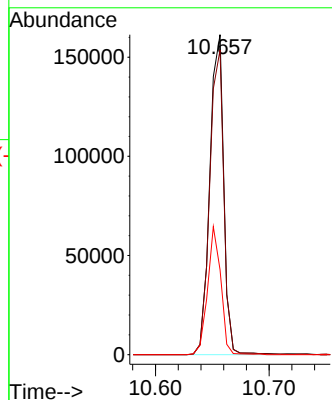
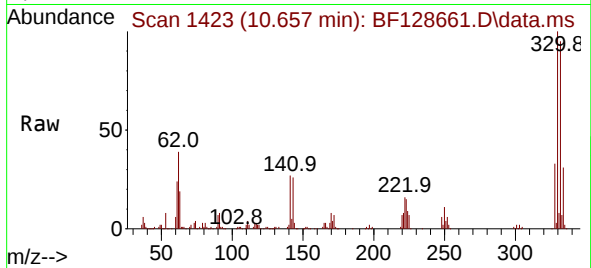




#42
2,4,6-Tribromophenol
Concen: 74.313 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

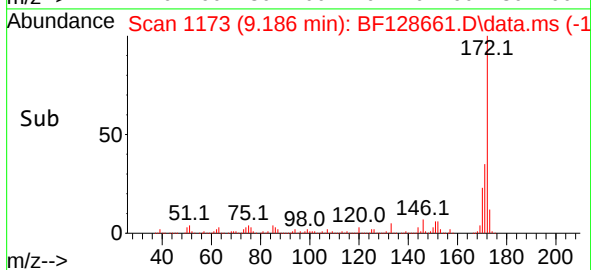
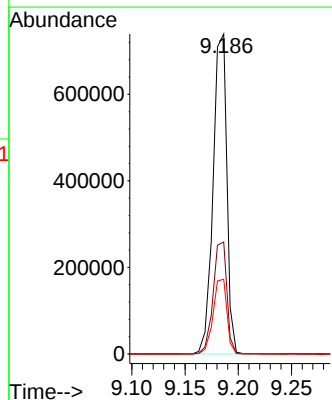
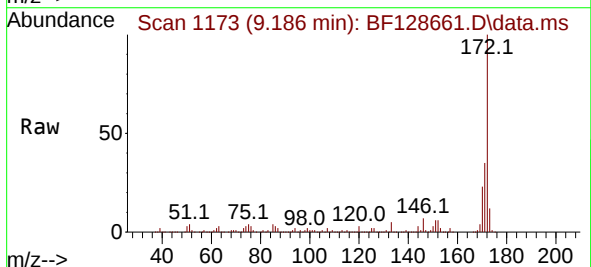
Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

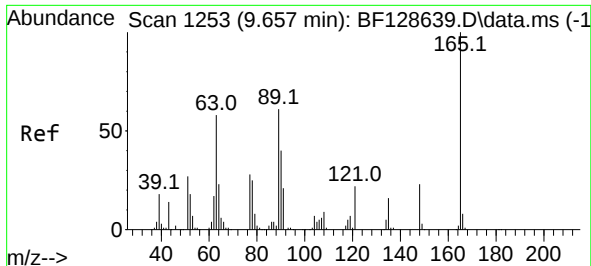
Tgt Ion:330 Resp: 137233
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 37.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 59.547 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:172 Resp: 664395
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.3 19.8 29.8

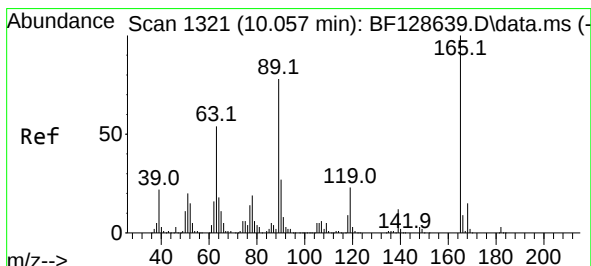
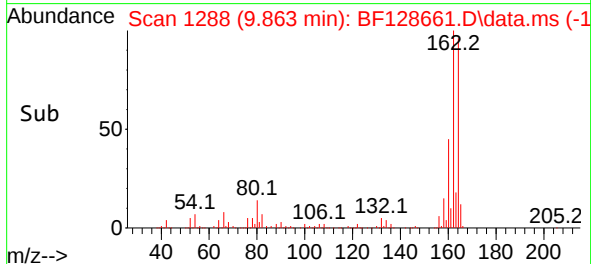
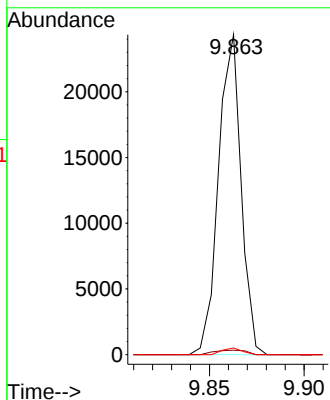
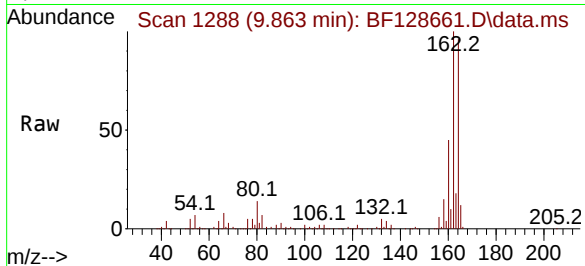




#51
2,6-Dinitrotoluene
Concen: 9.565 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

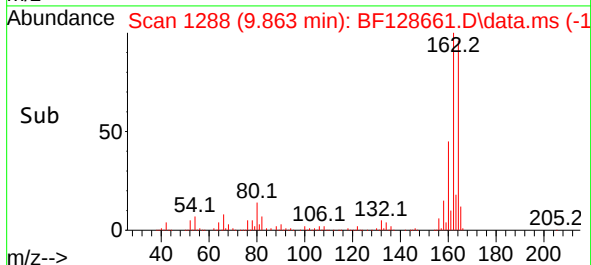
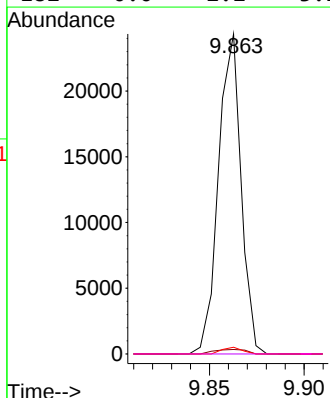
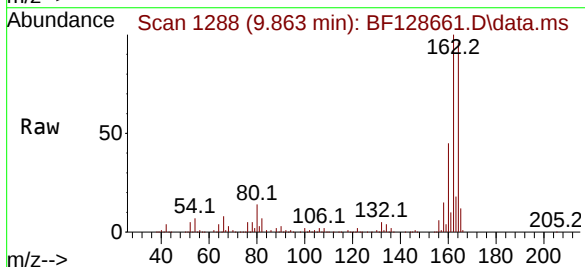
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ClientSampleId :
P015-SS008-0006-01

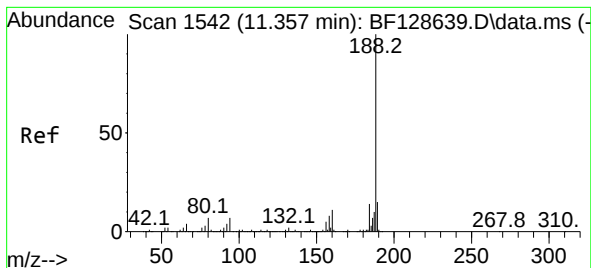
Tgt Ion:165 Resp: 20197
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 2.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.168 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:165 Resp: 20197
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 2.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128661.D

Acq: 03 Jun 2022 02:38

Instrument :

BNA_F

ClientSampleId :

P015-SS008-0006-01

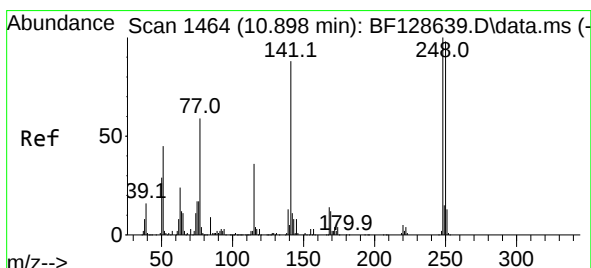
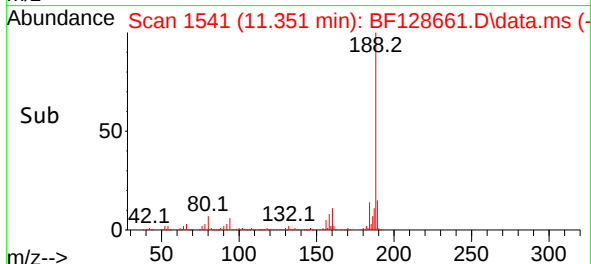
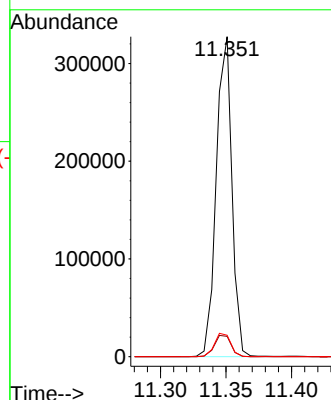
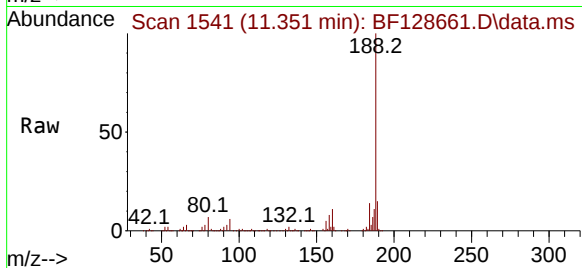
Tgt Ion:188 Resp: 271012

Ion Ratio Lower Upper

188 100

94 6.4 7.0 10.6#

80 6.7 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.082 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.247 min

Lab File: BF128661.D

Acq: 03 Jun 2022 02:38

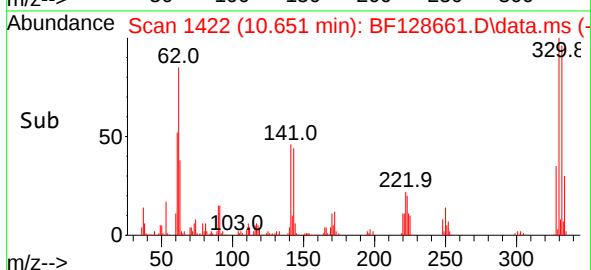
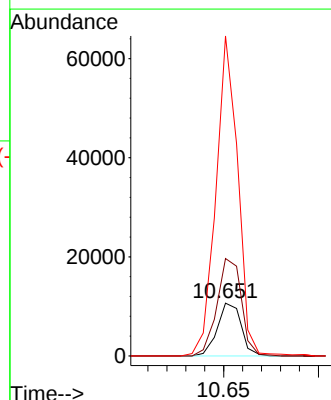
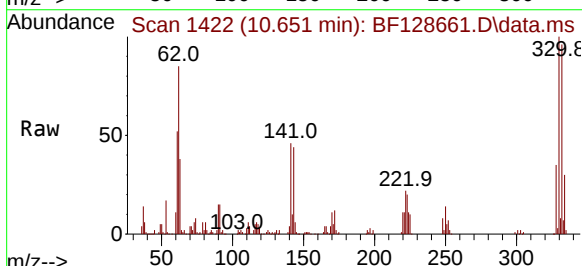
Tgt Ion:248 Resp: 9315

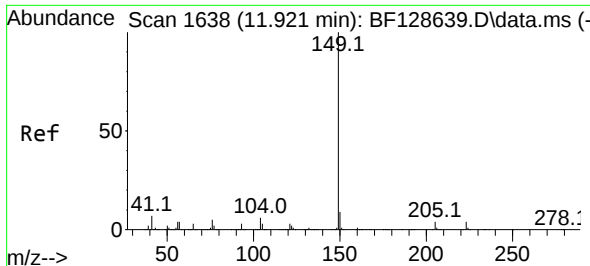
Ion Ratio Lower Upper

248 100

250 184.7 80.6 120.8#

141 606.3 58.9 88.3#

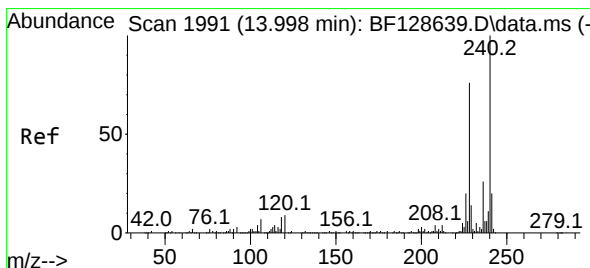
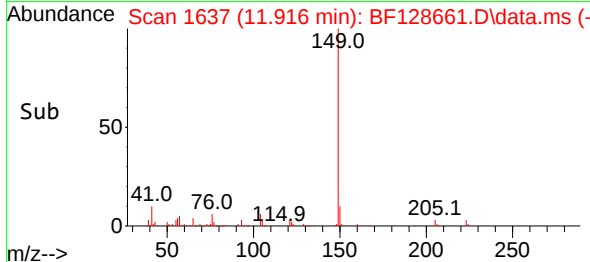
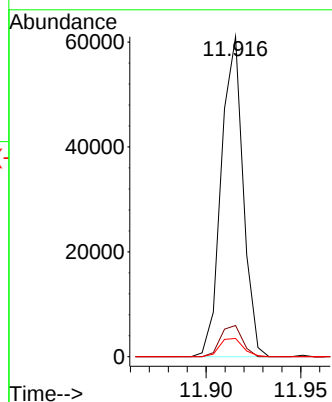
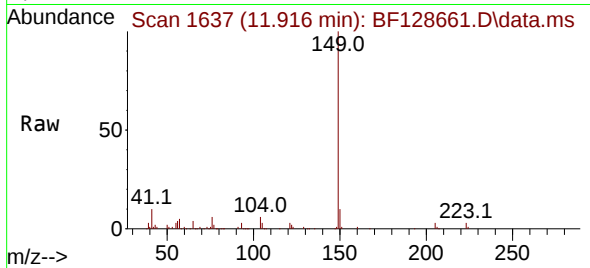




#74
Di-n-butylphthalate
Concen: 3.218 ng
RT: 11.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

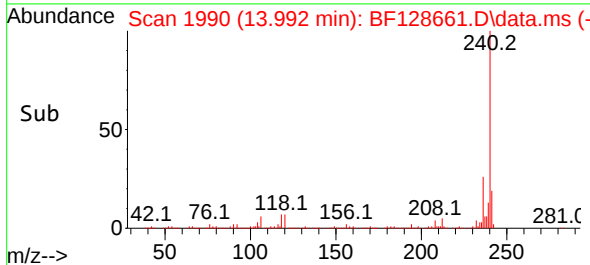
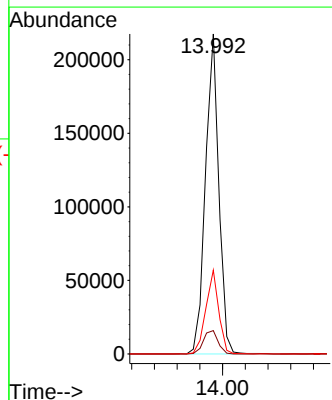
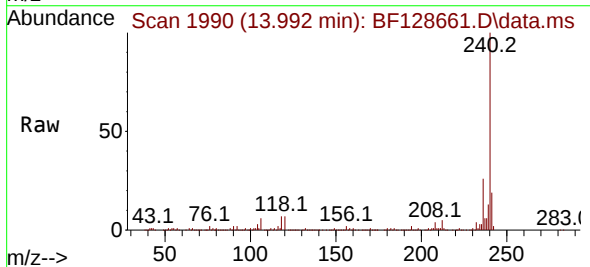
Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

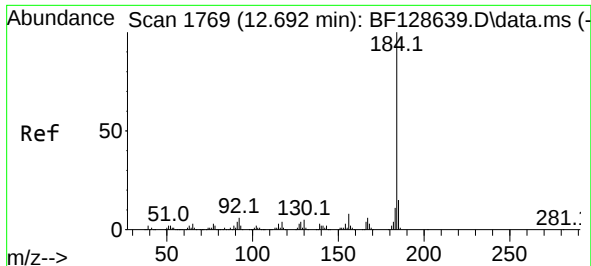
Tgt Ion:149 Resp: 48961
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 5.7 4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:240 Resp: 176973
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 26.2 20.8 31.2

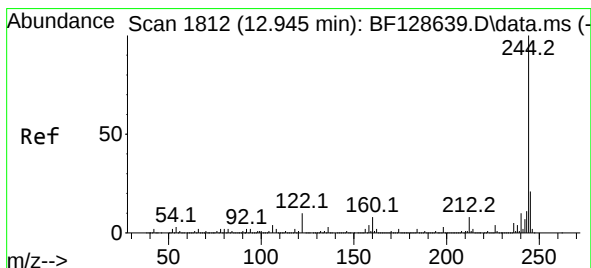
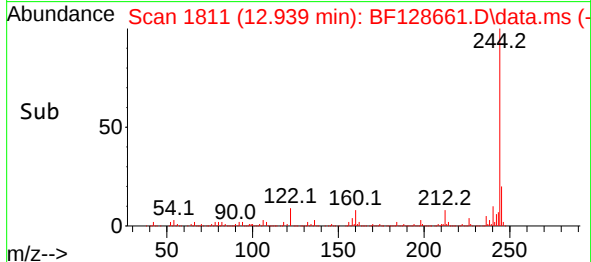
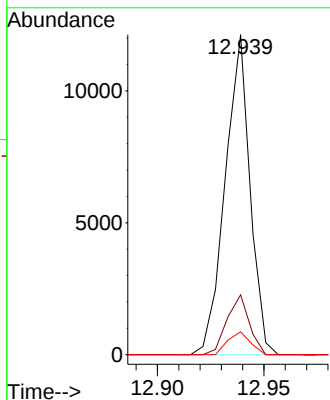
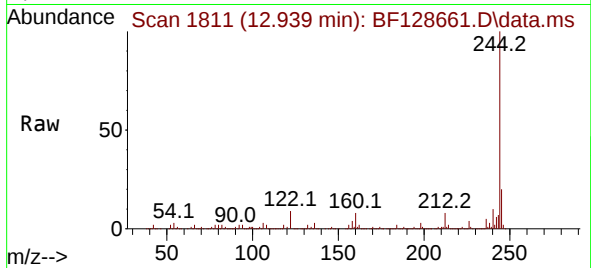




#77
Benzidine
Concen: 2.789 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

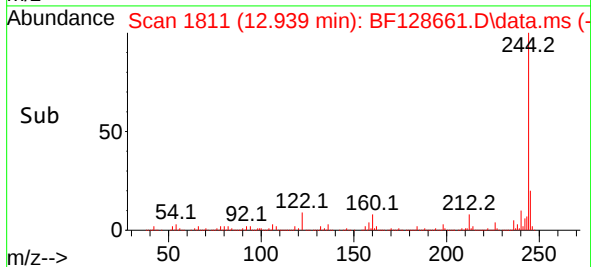
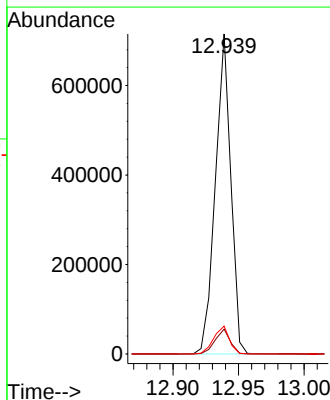
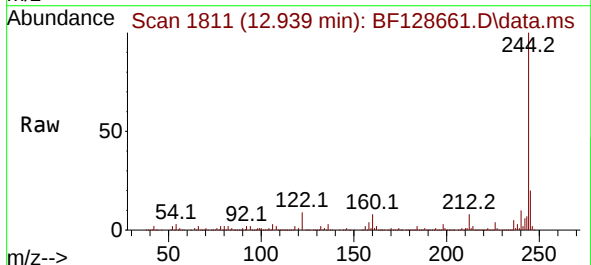
Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

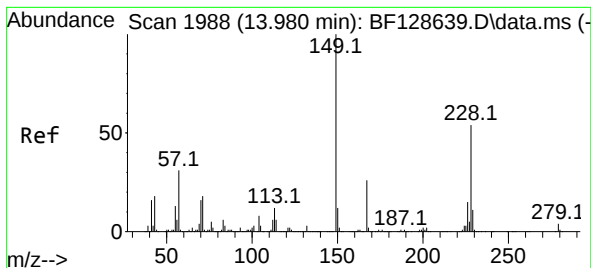
Tgt Ion:184 Resp: 9839
Ion Ratio Lower Upper
184 100
185 18.7 11.9 17.9#
183 7.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 57.279 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:244 Resp: 583370
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 8.7 8.8 13.2#

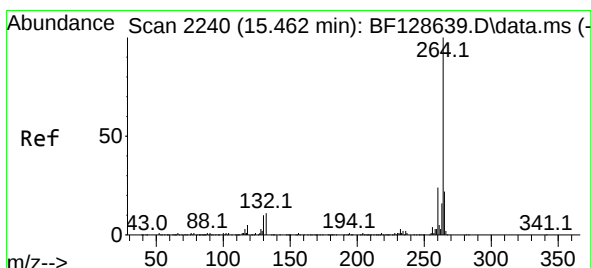
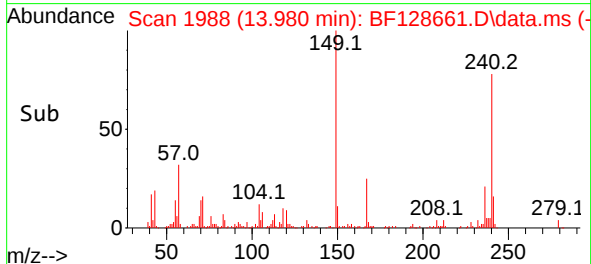
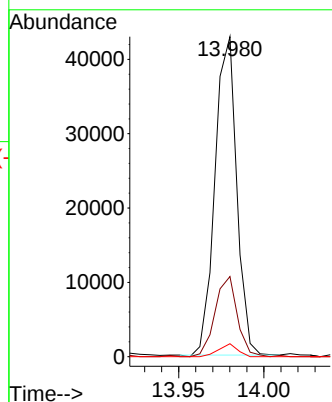
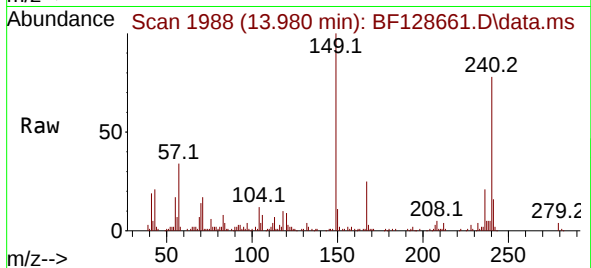




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.285 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Instrument :
BNA_F
ClientSampleId :
P015-SS008-0006-01

Tgt Ion:149 Resp: 37992
Ion Ratio Lower Upper
149 100
167 25.0 21.0 31.4
279 4.0 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BF128661.D
Acq: 03 Jun 2022 02:38

Tgt Ion:264 Resp: 182064
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 22.2 17.2 25.8

