

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123101.D
 Acq On : 3 Feb 2021 13:35
 Operator : JU/CG
 Sample : M1292-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-009-0510

Quant Time: Feb 03 14:14:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

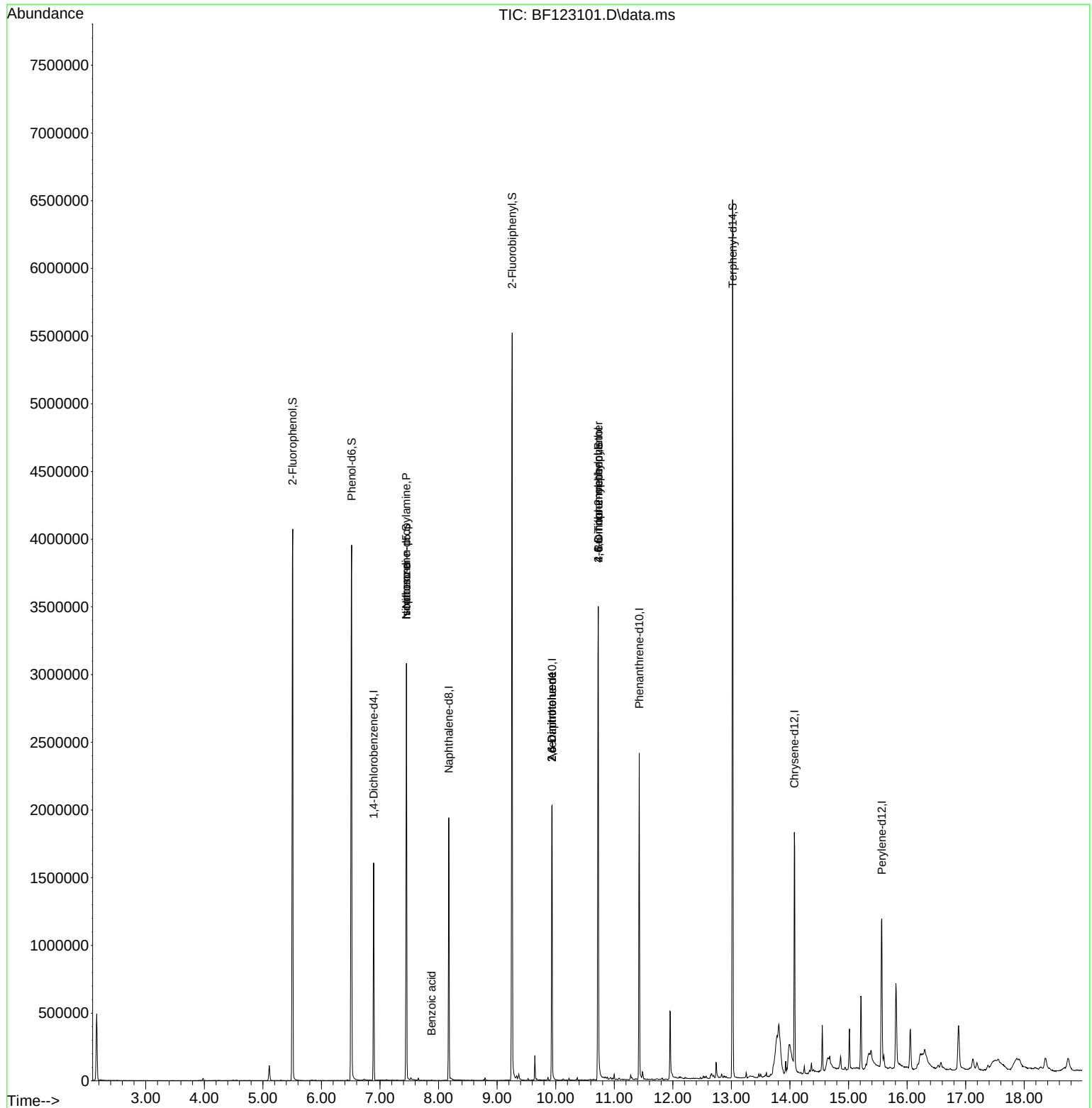
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	212868	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	814815	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	447394	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	813671	20.00	ng	0.00
76) Chrysene-d12	14.074	240	622678	20.00	ng	-0.01
86) Perylene-d12	15.568	264	521766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1203272	87.20	ng	0.00
7) Phenol-d6	6.516	99	1528006	81.69	ng	0.00
23) Nitrobenzene-d5	7.451	82	953050	58.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	460548	94.83	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1765763	58.67	ng	0.00
79) Terphenyl-d14	13.021	244	2031850	64.11	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	128355	11.41	ng	# 80
25) Isophorone	7.451	82	953040	32.14	ng	# 65
32) Benzoic acid	7.880	122	108	4.92	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	56728	7.59	ng	# 32
57) 2,4-Dinitrotoluene	9.933	165	56728	5.83	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1133	5.20	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	30420	2.94	ng	# 1

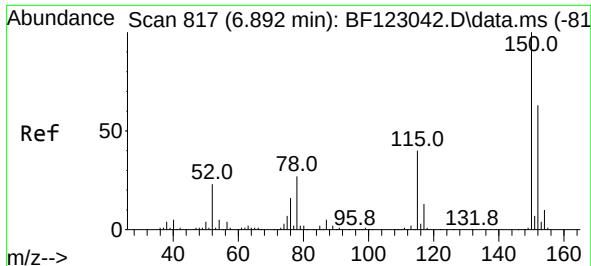
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

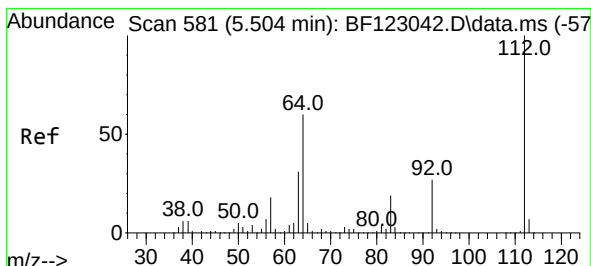
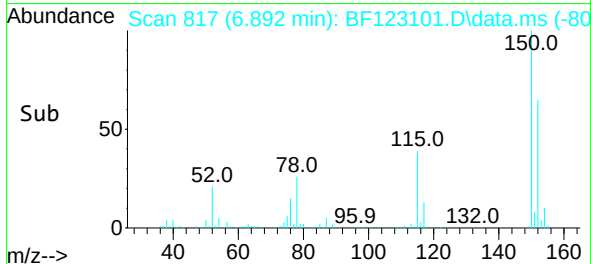
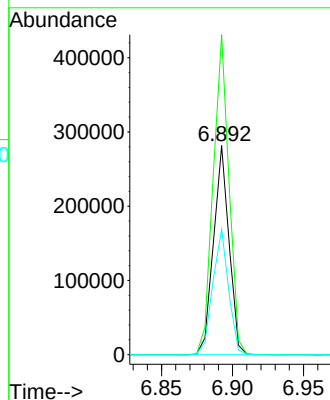
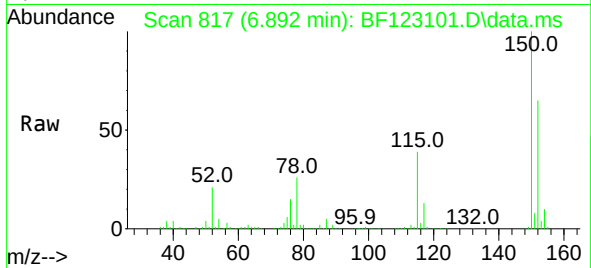




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123101.D
 Acq: 3 Feb 2021 13:35

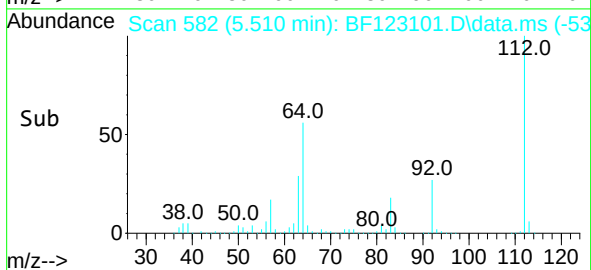
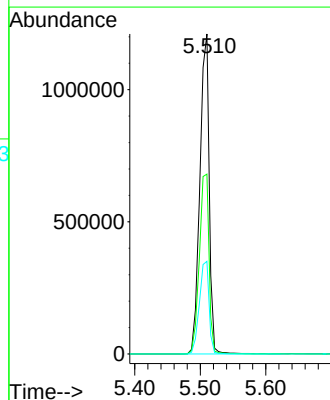
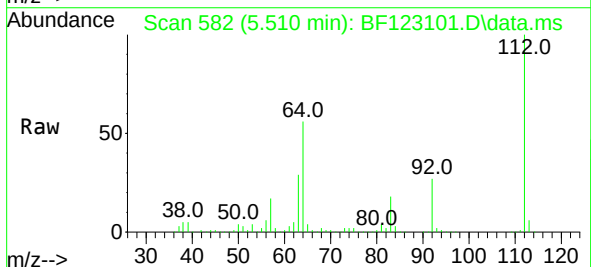
Instrument :
 BNA_F
 ClientSampleId :
 OU421-009-0510

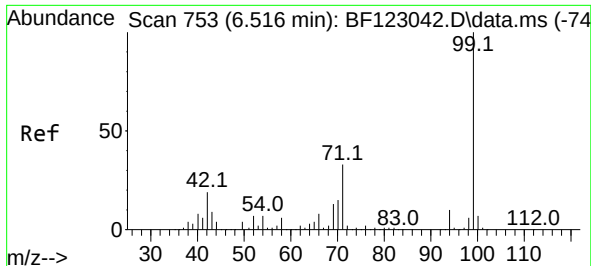
Tgt Ion:152 Resp: 212868
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.8 188.6
 115 60.1 49.3 73.9



#5
 2-Fluorophenol
 Concen: 87.20 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123101.D
 Acq: 3 Feb 2021 13:35

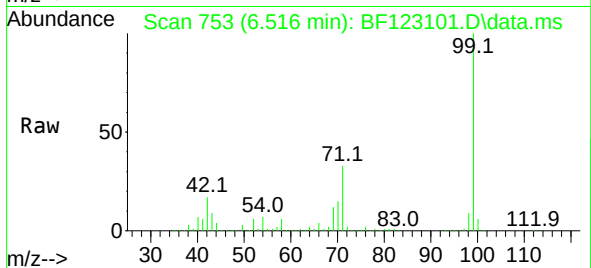
Tgt Ion:112 Resp: 1203272
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.9 70.3
 63 29.0 24.5 36.7





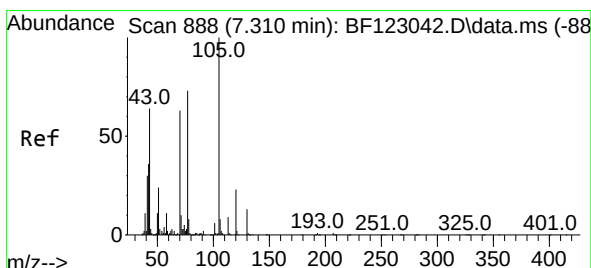
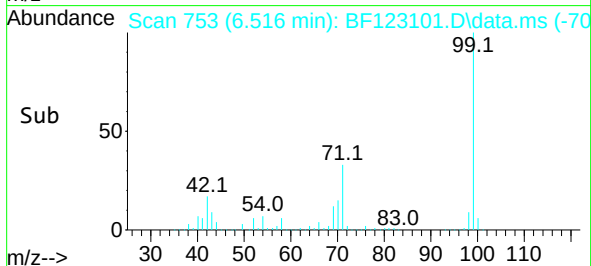
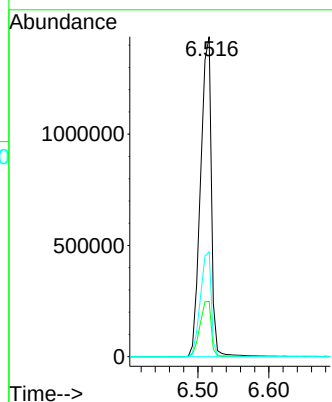
#7
Phenol-d6
Concen: 81.69 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Instrument :
BNA_F
ClientSampleId :
OU421-009-0510

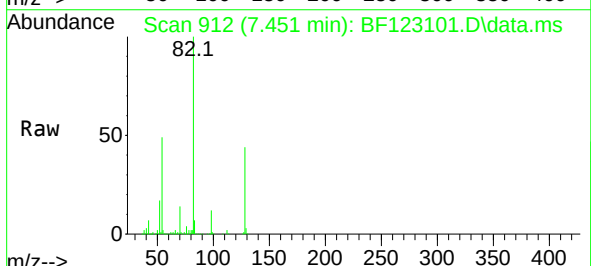


Tgt Ion: 99 Resp: 1528006

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	32.8	26.9	40.3

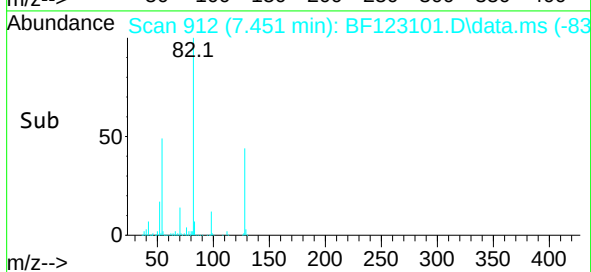
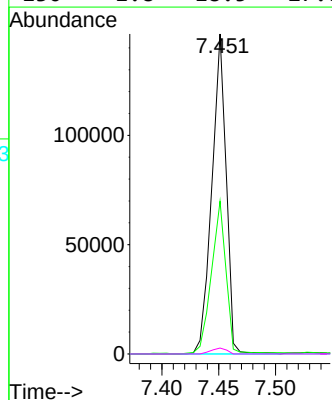


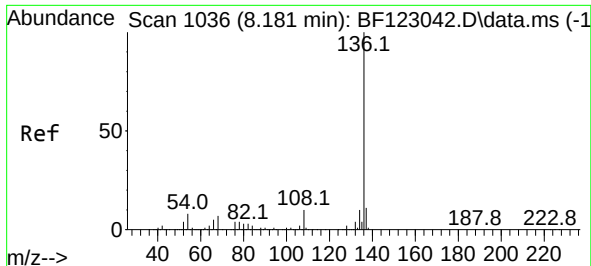
#19
n-Nitroso-di-n-propylamine
Concen: 11.41 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35



Tgt Ion: 70 Resp: 128355

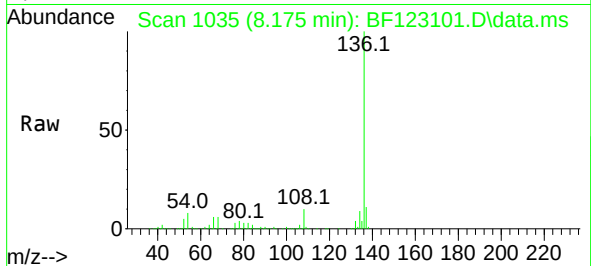
Ion	Ratio	Lower	Upper
70	100		
42	47.7	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#



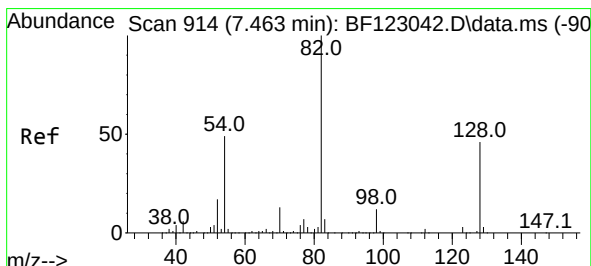
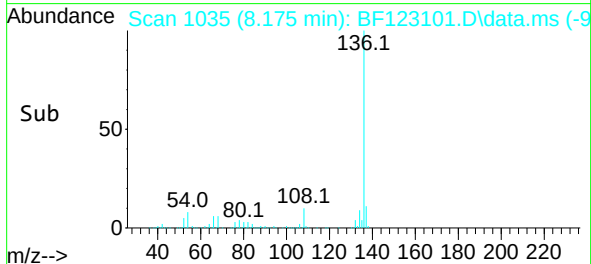
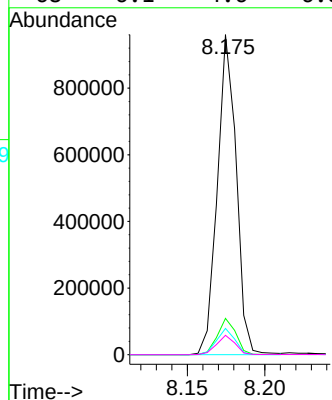


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Instrument :
BNA_F
ClientSampleId :
OU421-009-0510

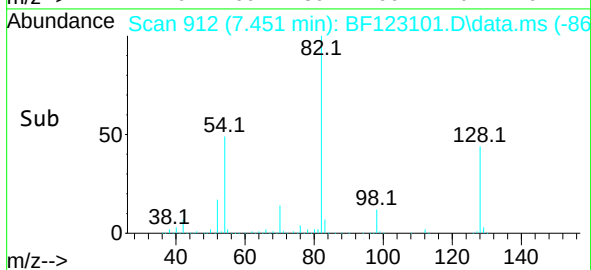
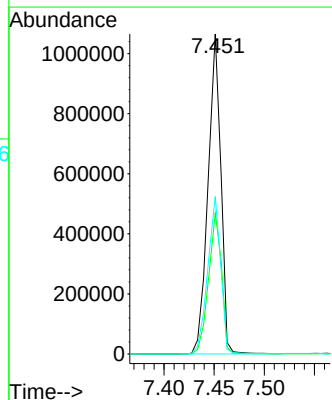
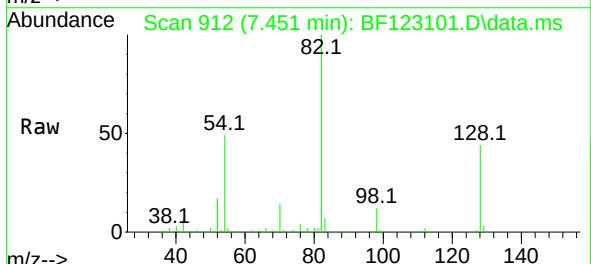


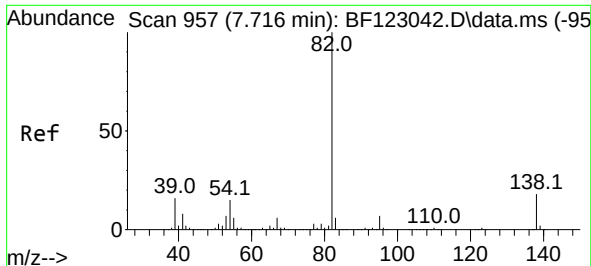
Tgt Ion:136 Resp: 814815
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 5.5 8.3
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 58.86 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Tgt Ion: 82 Resp: 953050
Ion Ratio Lower Upper
82 100
128 44.0 37.0 55.4
54 49.2 38.4 57.6

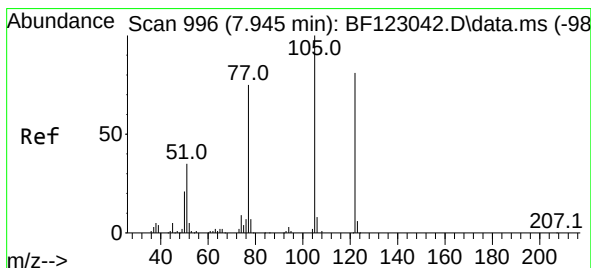
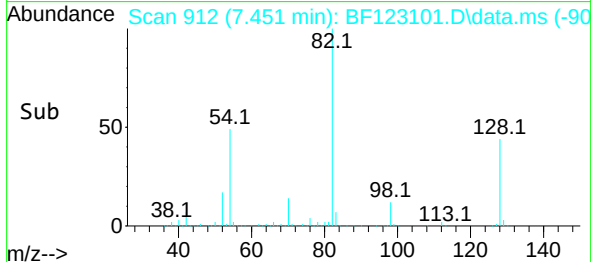
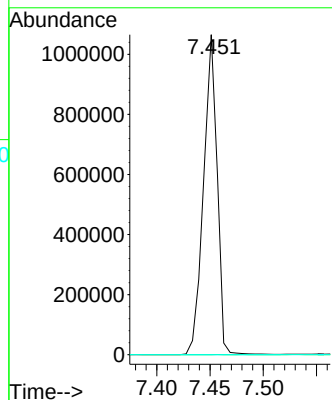
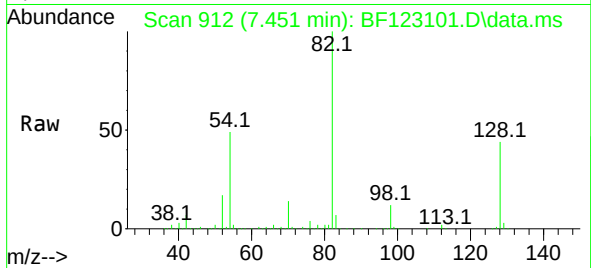




#25
Isophorone
Concen: 32.14 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

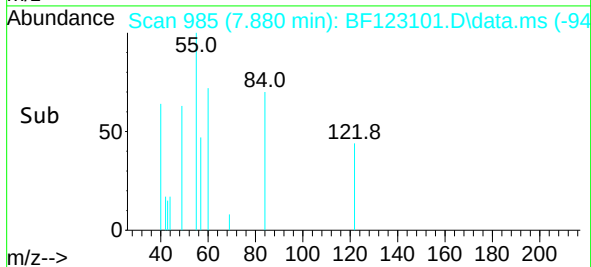
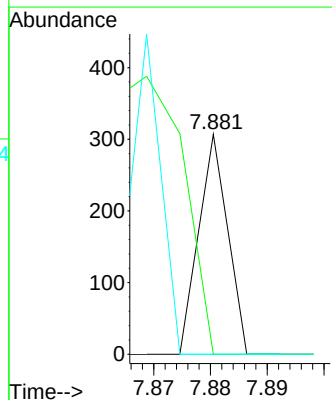
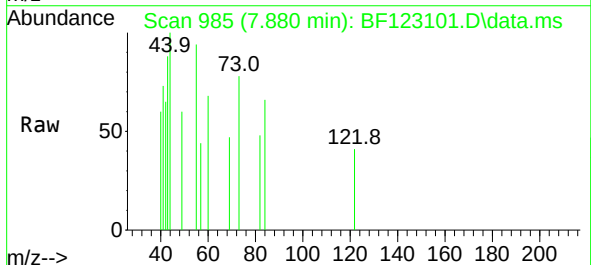
Instrument :
BNA_F
ClientSampleId :
OU421-009-0510

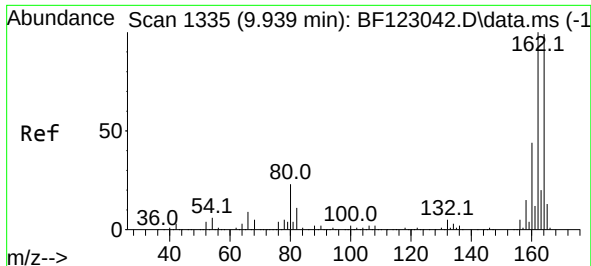
Tgt Ion: 82 Resp: 953040
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.065 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 71.0 111.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF123101.D

Acq: 3 Feb 2021 13:35

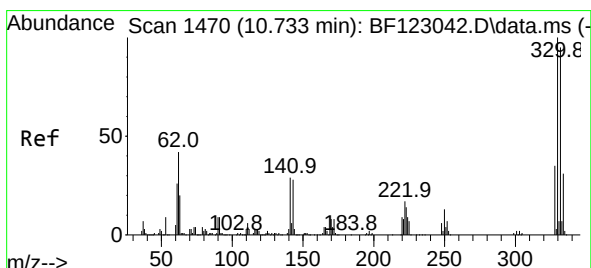
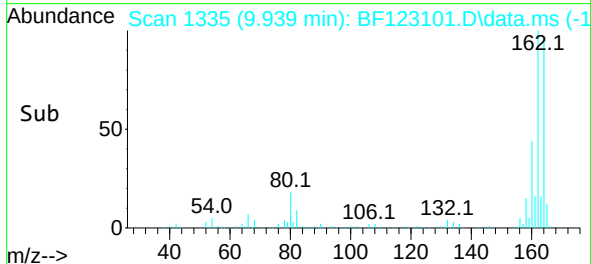
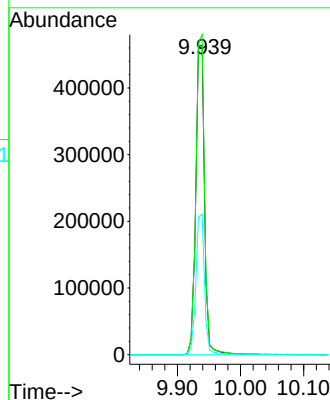
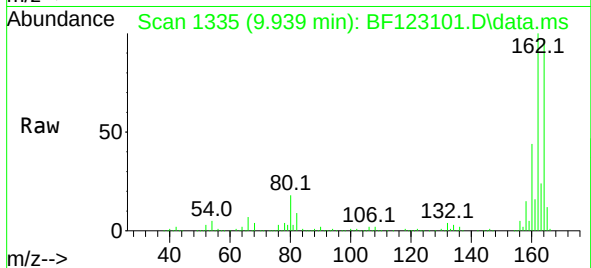
Tgt Ion:164 Resp: 447394

Ion Ratio Lower Upper

164 100

162 103.4 80.8 121.2

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 94.83 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF123101.D

Acq: 3 Feb 2021 13:35

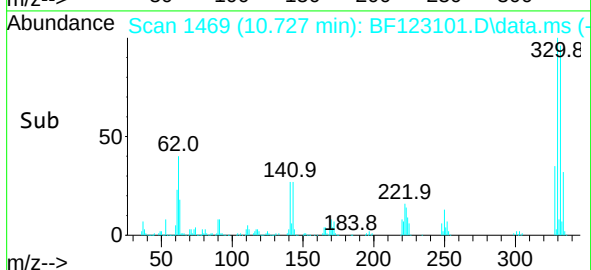
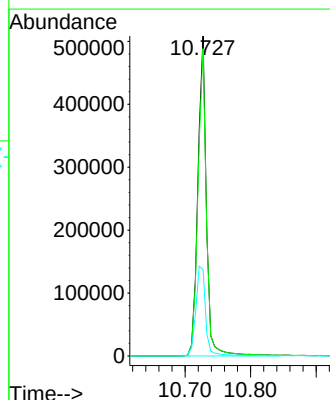
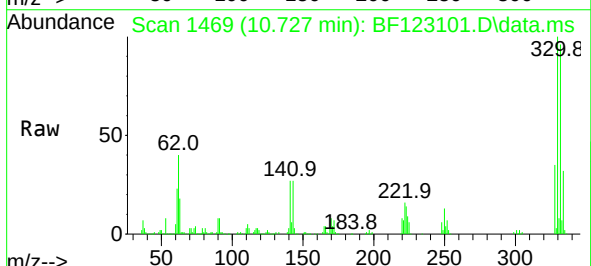
Tgt Ion:330 Resp: 460548

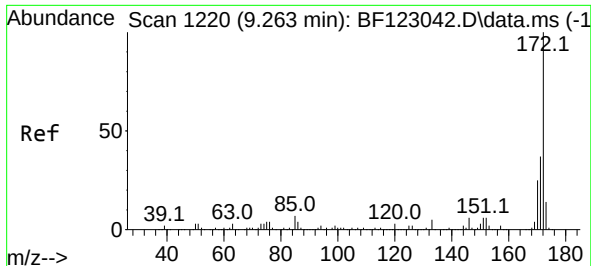
Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 32.7 23.8 35.8

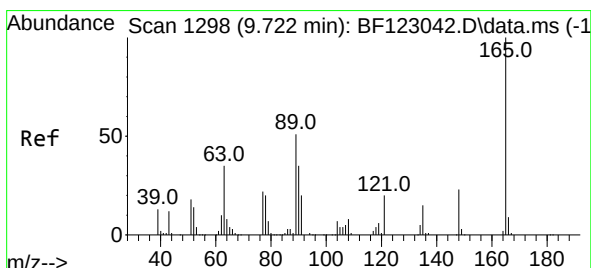
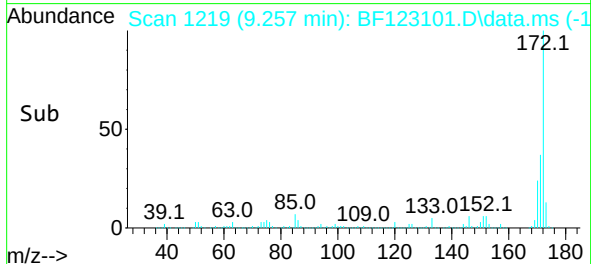
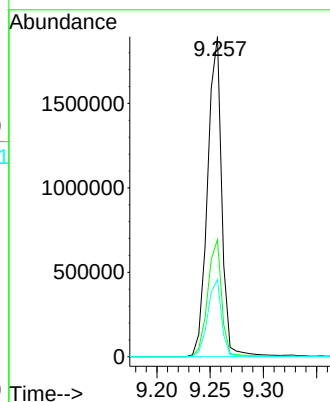
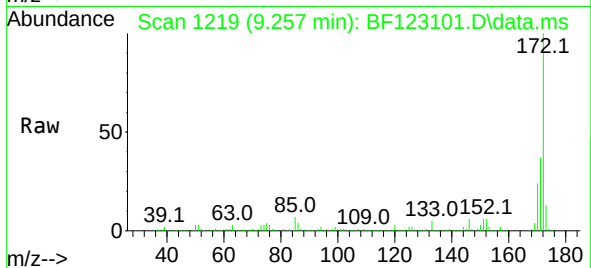




#45
2-Fluorobiphenyl
Concen: 58.67 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

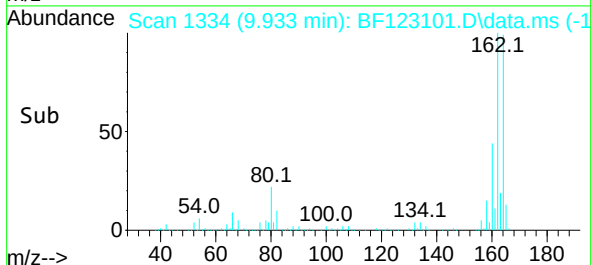
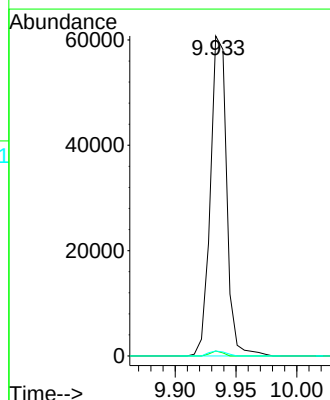
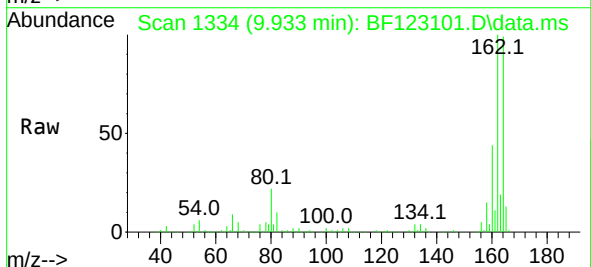
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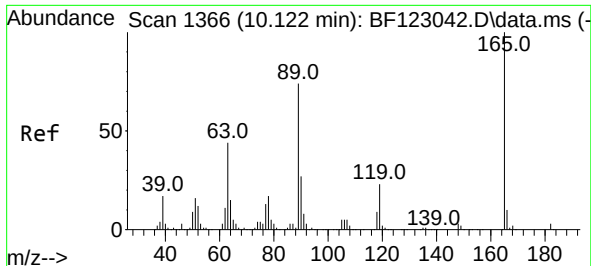
Tgt Ion:172 Resp: 1765763
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

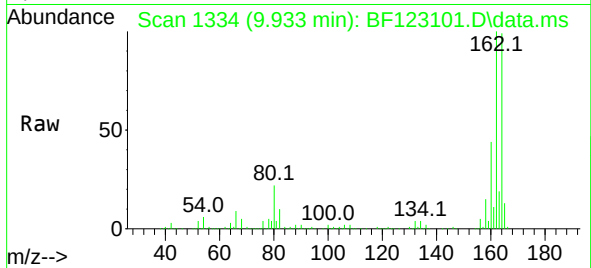
Tgt Ion:165 Resp: 56728
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.5 39.4 59.0#



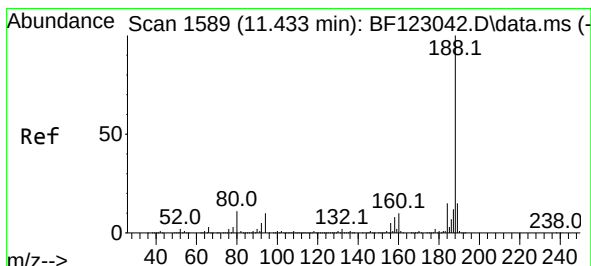
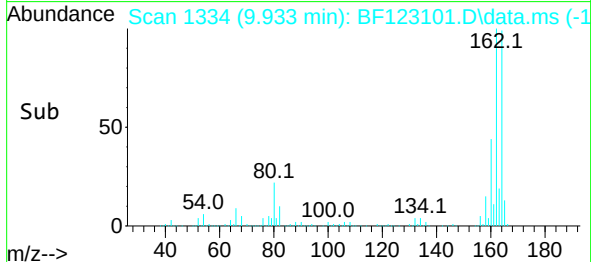
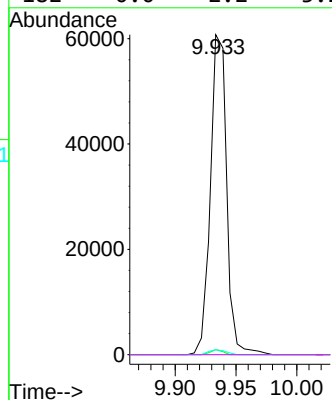


#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Instrument :
BNA_F
ClientSampleId :
OU421-009-0510

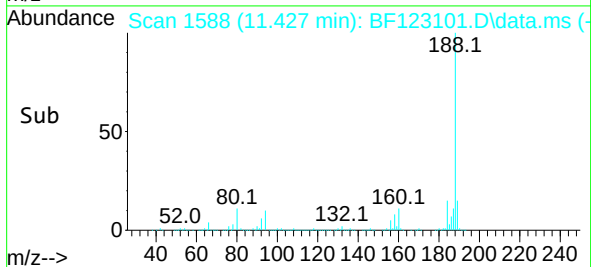
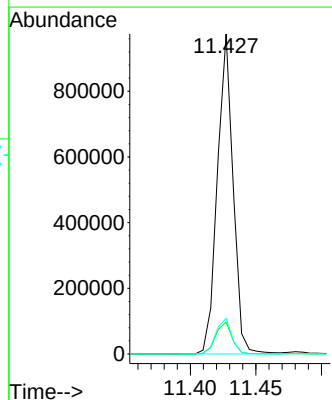
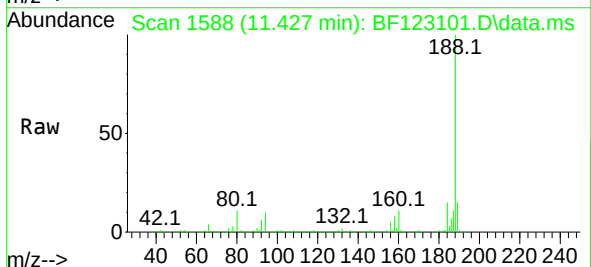


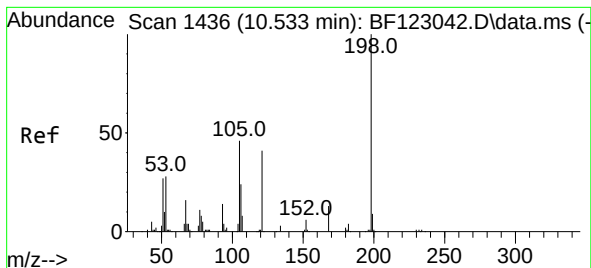
Tgt Ion:165 Resp: 56728
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Tgt Ion:188 Resp: 813671
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 8.2 12.4

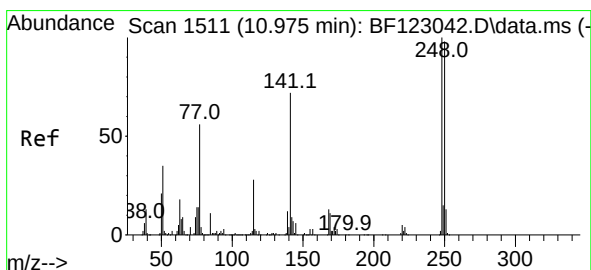
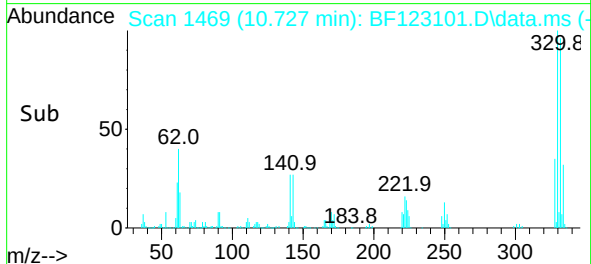
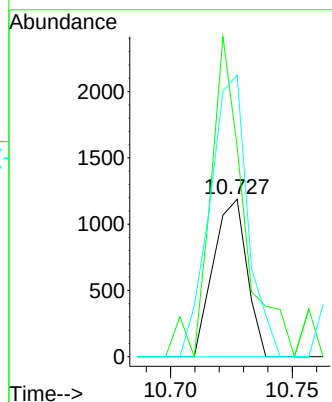
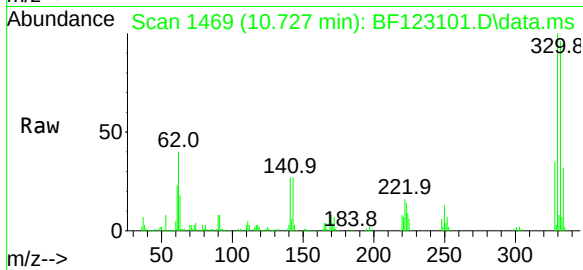




#65
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

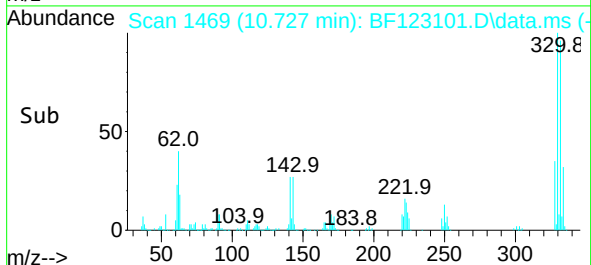
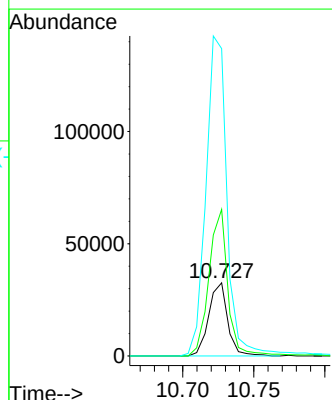
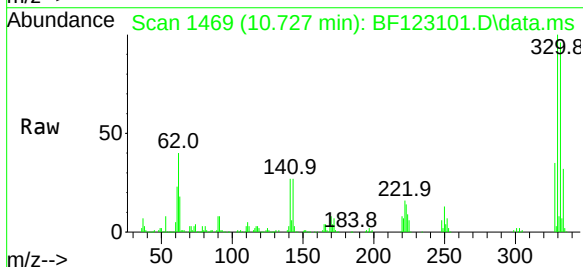
Instrument :
BNA_F
ClientSampleId :
OU421-009-0510

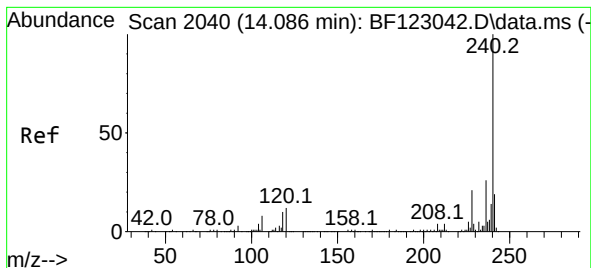
Tgt Ion:198 Resp: 1133
Ion Ratio Lower Upper
198 100
51 133.2 20.3 60.3#
105 178.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

Tgt Ion:248 Resp: 30420
Ion Ratio Lower Upper
248 100
250 200.3 76.8 115.2#
141 420.0 59.8 89.8#

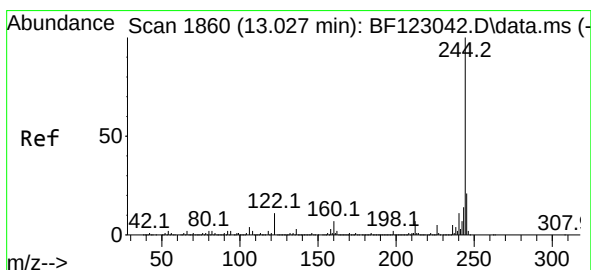
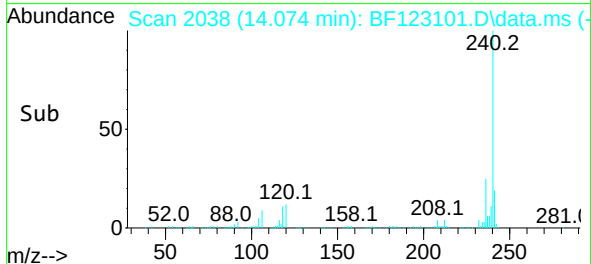
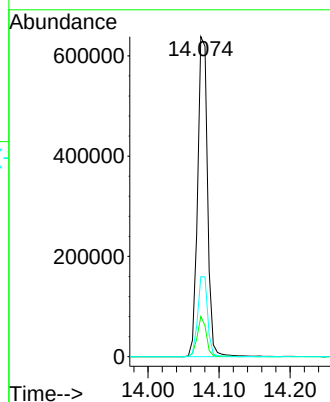
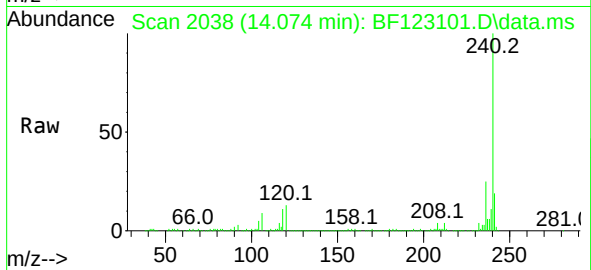




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

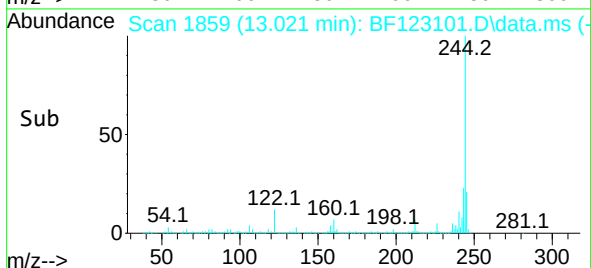
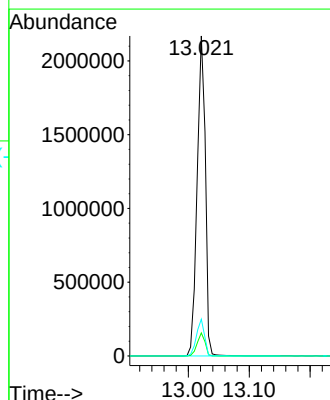
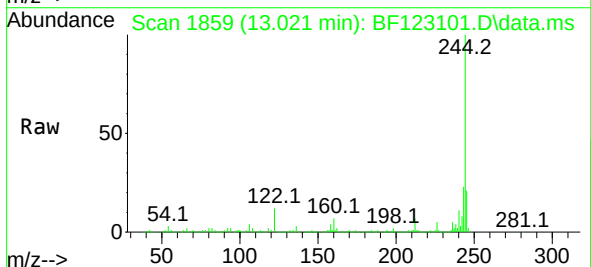
Instrument :
BNA_F
ClientSampleId :
OU421-009-0510

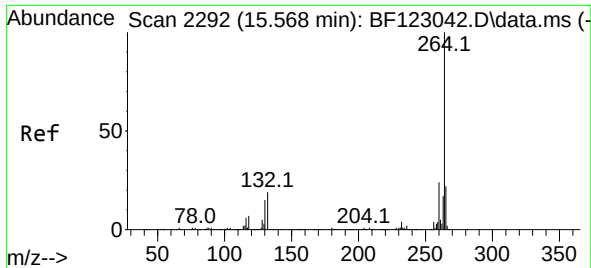
Tgt Ion:240 Resp: 622678
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 64.11 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123101.D
Acq: 3 Feb 2021 13:35

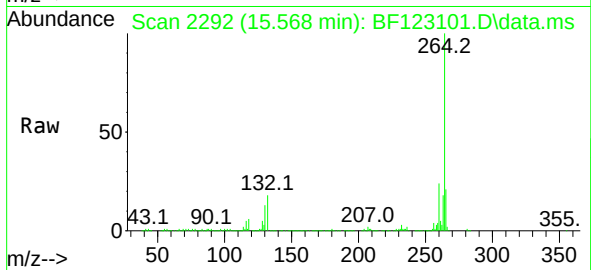
Tgt Ion:244 Resp: 2031850
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.000 min
 Lab File: BF123101.D
 Acq: 3 Feb 2021 13:35

Instrument :
 BNA_F
 ClientSampleId :
 OU421-009-0510



Tgt Ion:264 Resp: 521766
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.4 17.0 25.6

