

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123111.D
 Acq On : 4 Feb 2021 12:59
 Operator : JU/CG
 Sample : M1291-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-006-0510

Quant Time: Feb 04 13:30:49 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)

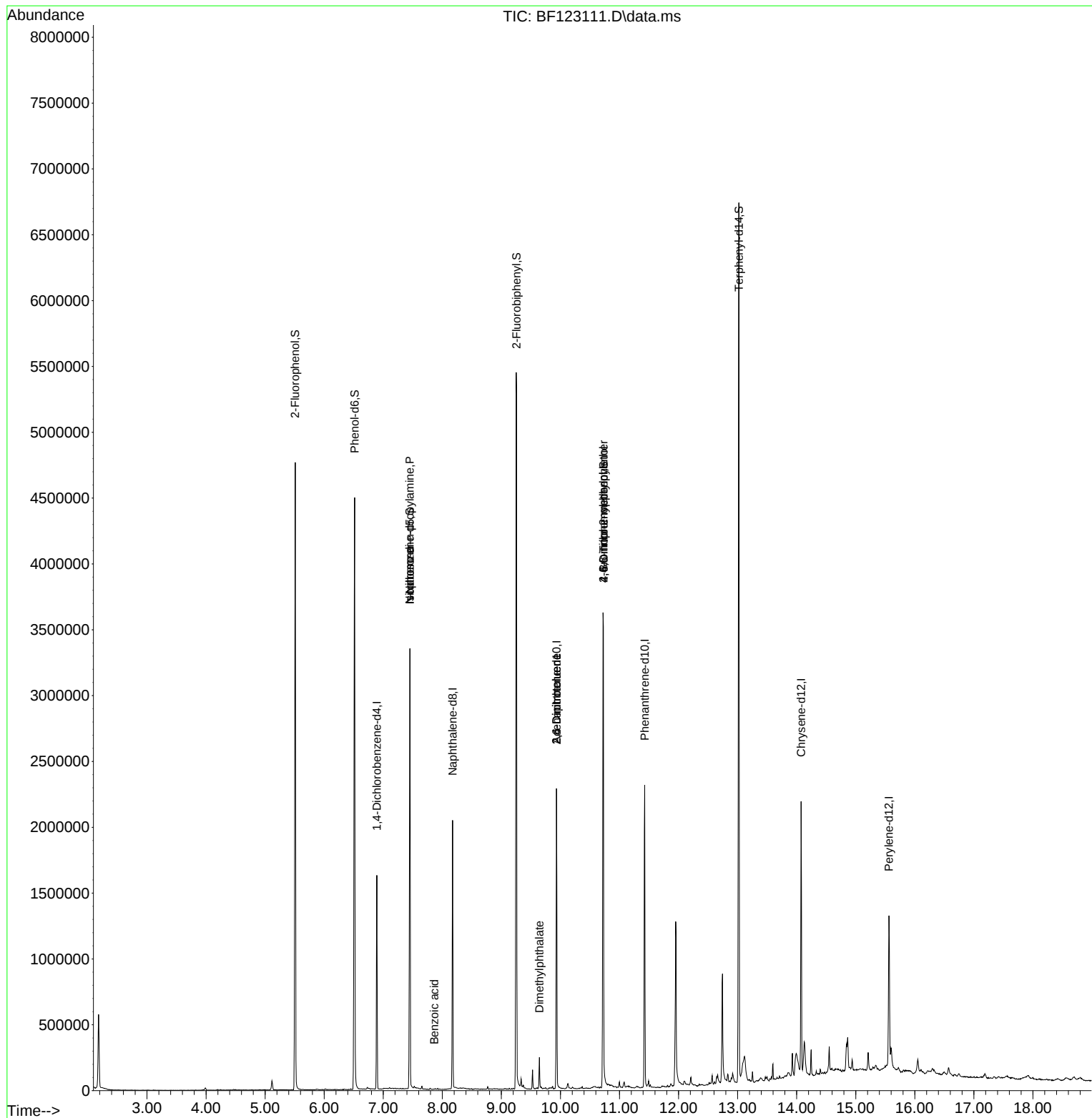
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	217380	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	838190	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	453756	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	830593	20.00	ng	0.00
76) Chrysene-d12	14.074	240	676984	20.00	ng	-0.01
86) Perylene-d12	15.562	264	538837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1360944	96.57	ng	0.00
7) Phenol-d6	6.516	99	1696562	88.82	ng	0.00
23) Nitrobenzene-d5	7.451	82	1067066	64.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	513343	104.22	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1927688	63.15	ng	0.00
79) Terphenyl-d14	13.021	244	2096787	60.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	144548	12.58	ng	# 78
25) Isophorone	7.451	82	1067047	34.98	ng	# 65
32) Benzoic acid	7.863	122	571	4.96	ng	# 68
50) Dimethylphthalate	9.645	163	86341	2.43	ng	99
51) 2,6-Dinitrotoluene	9.933	165	57928	7.64	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	58040	5.89	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1183	5.21	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	34620	3.27	ng	# 1

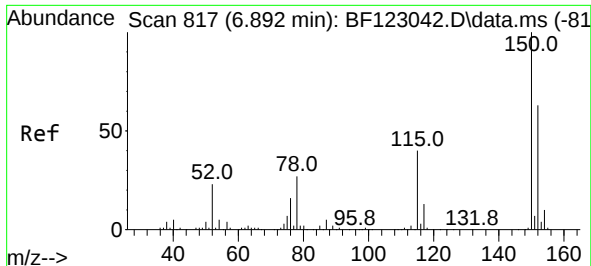
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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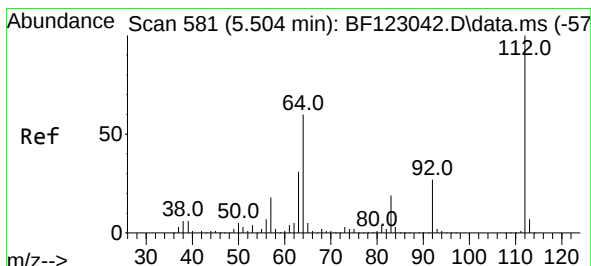
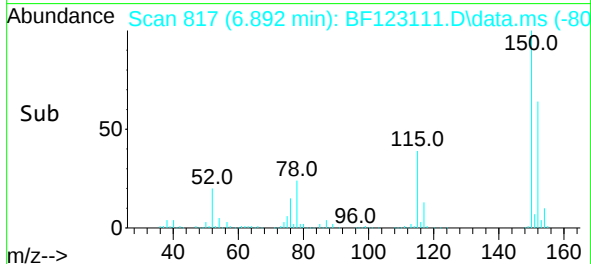
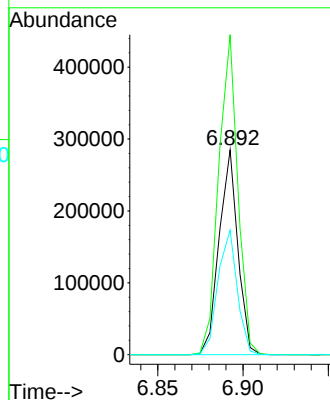
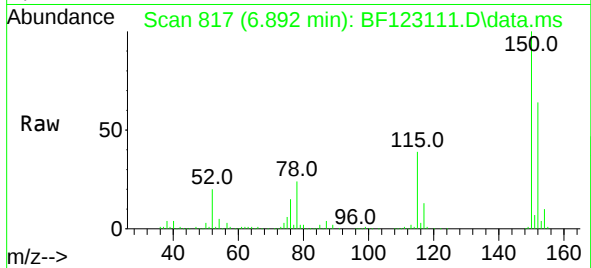




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

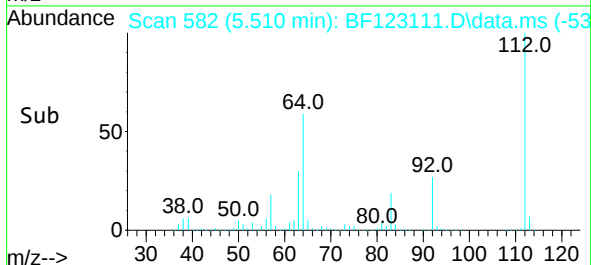
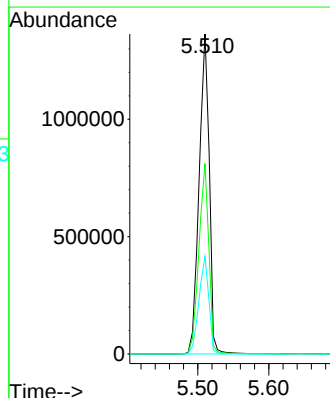
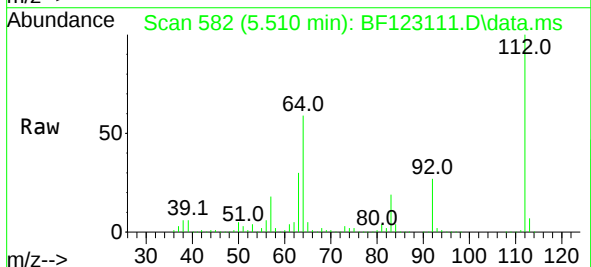
Instrument :
BNA_F
ClientSampleId :
OU421-006-0510

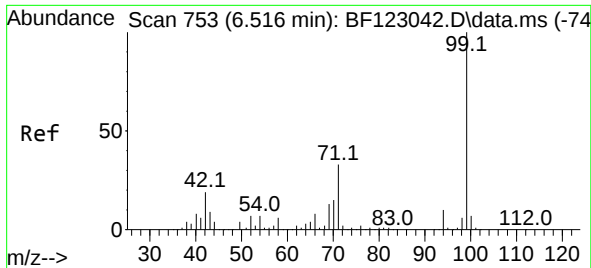
Tgt Ion:152 Resp: 217380
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 96.57 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion:112 Resp: 1360944
Ion Ratio Lower Upper
112 100
64 59.5 46.9 70.3
63 30.5 24.5 36.7



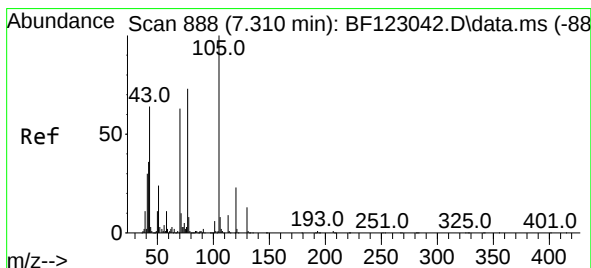
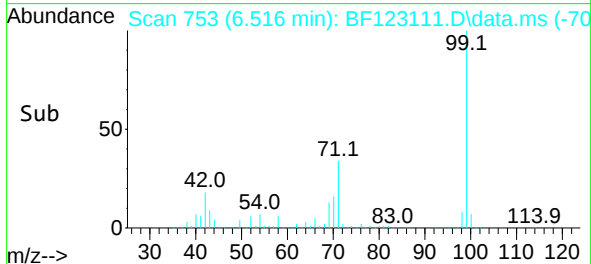
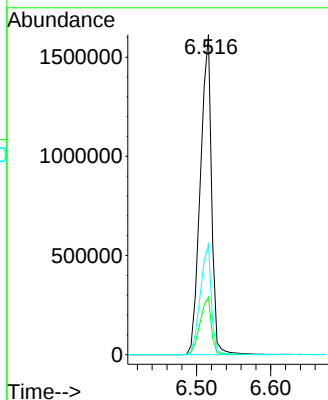
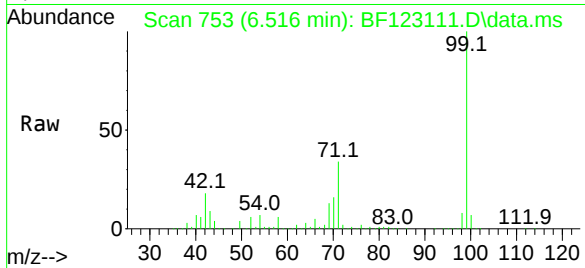


#7
Phenol-d6
Concen: 88.82 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Instrument :
BNA_F
ClientSampleId :
OU421-006-0510

Tgt Ion: 99 Resp: 1696562

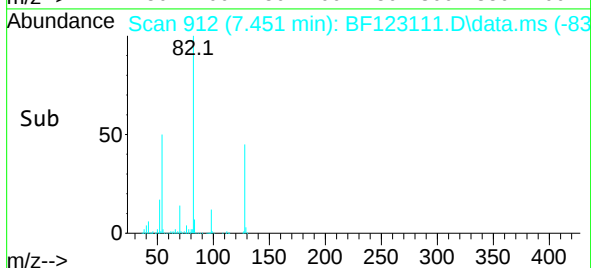
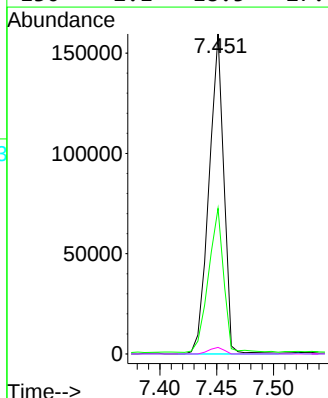
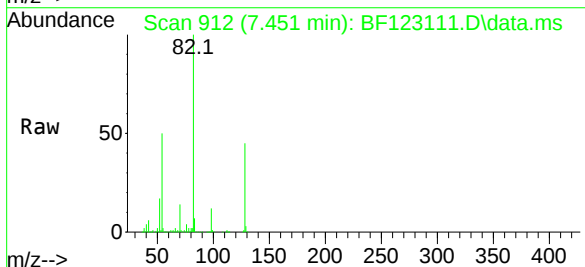
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.8	20.6
71	34.4	26.9	40.3

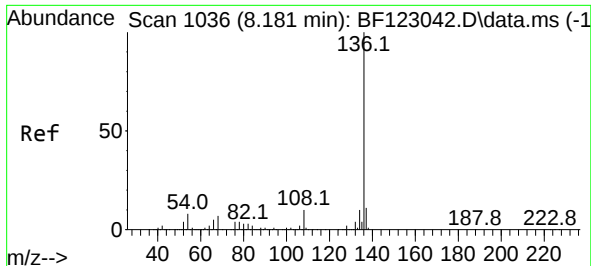


#19
n-Nitroso-di-n-propylamine
Concen: 12.58 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion: 70 Resp: 144548

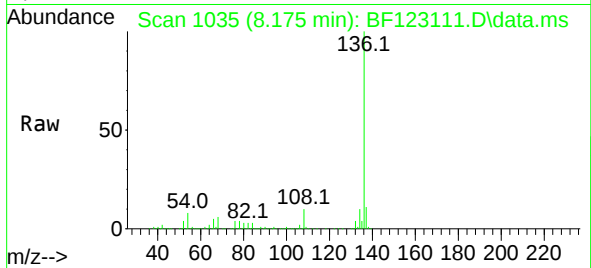
Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



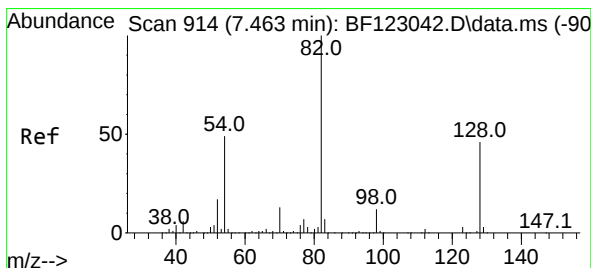
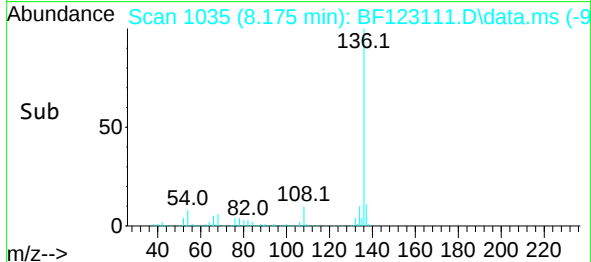
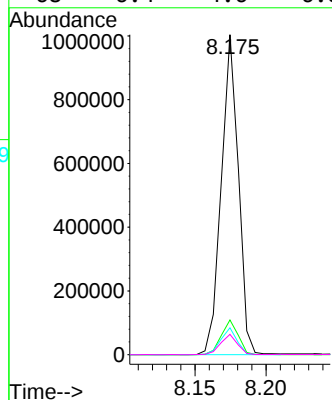


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Instrument :
BNA_F
ClientSampleId :
OU421-006-0510

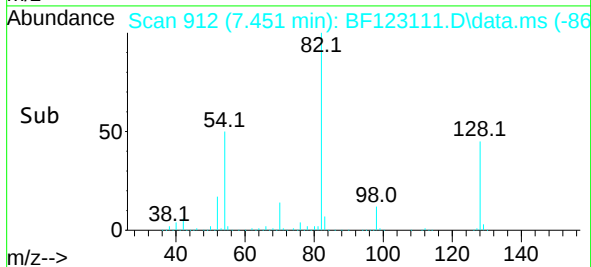
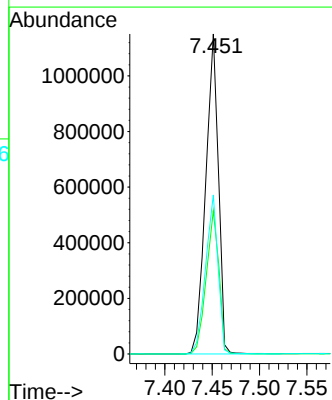
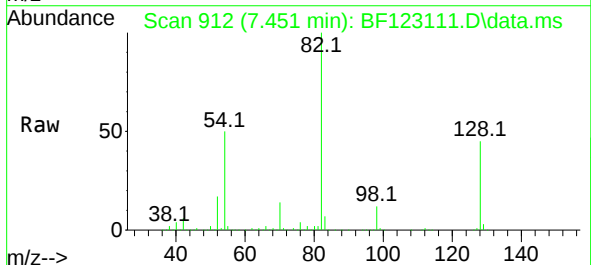


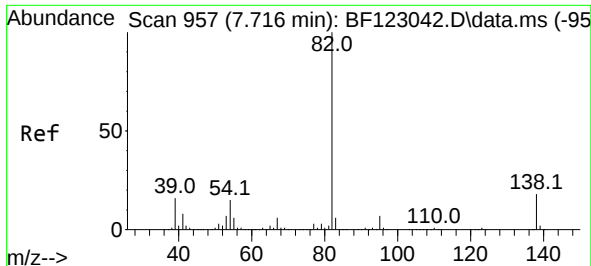
Tgt	Ion:136	Resp:	838190
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	5.5	8.3#
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 64.07 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion: 82		Resp: 1067066	
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.4
54	49.7	38.4	57.6

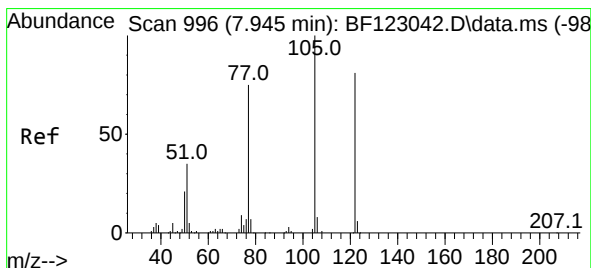
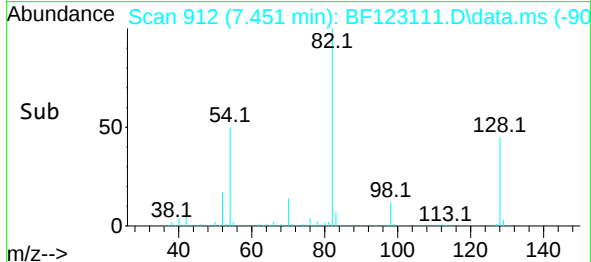
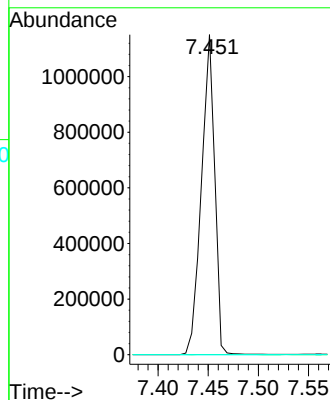
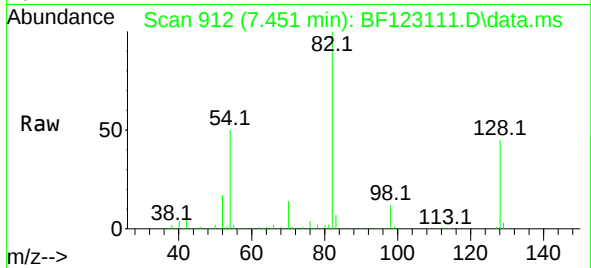




#25
Isophorone
Concen: 34.98 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

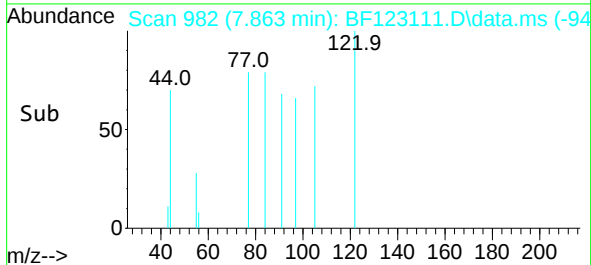
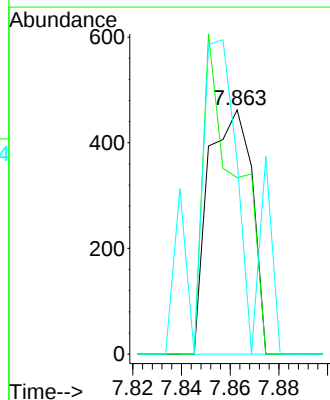
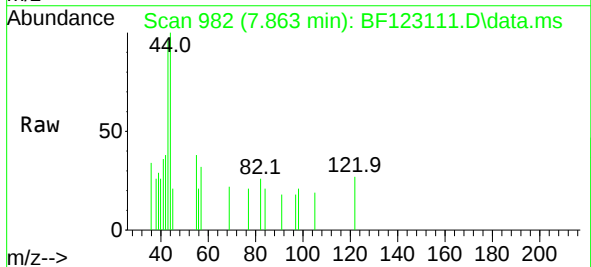
Instrument :
BNA_F
ClientSampleId :
OU421-006-0510

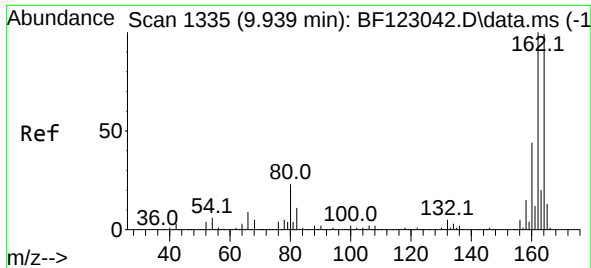
Tgt Ion: 82 Resp: 1067047
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.96 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.082 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion: 122 Resp: 571
Ion Ratio Lower Upper
122 100
105 72.3 104.8 144.8#
77 79.2 71.0 111.0

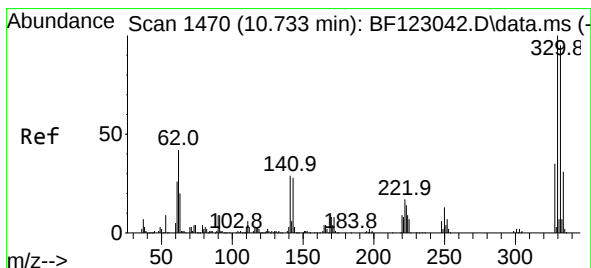
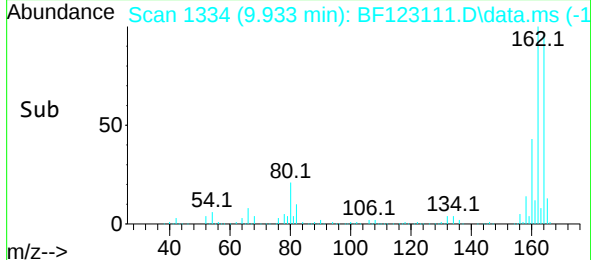
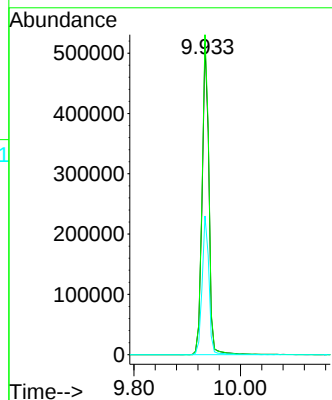
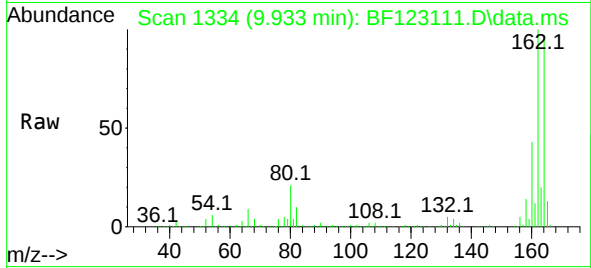




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

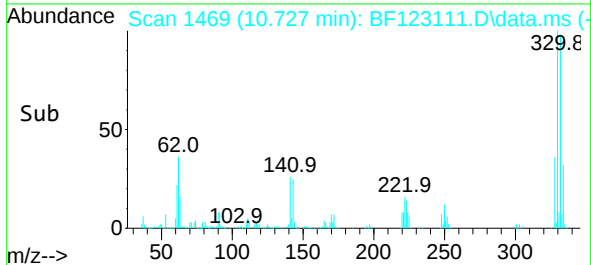
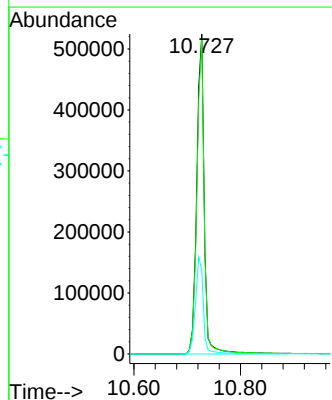
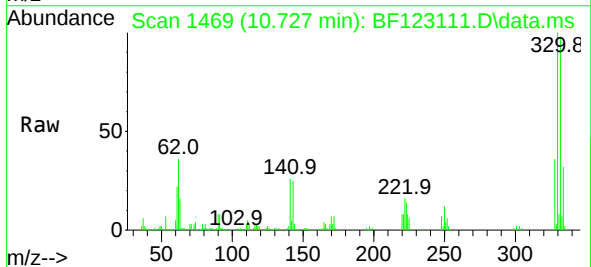
Instrument :
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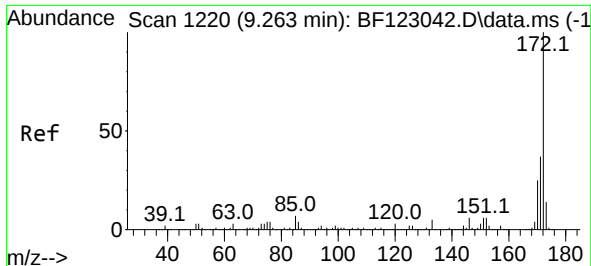
Tgt Ion:164 Resp: 453756
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 104.22 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion:330 Resp: 513343
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 32.1 23.8 35.8

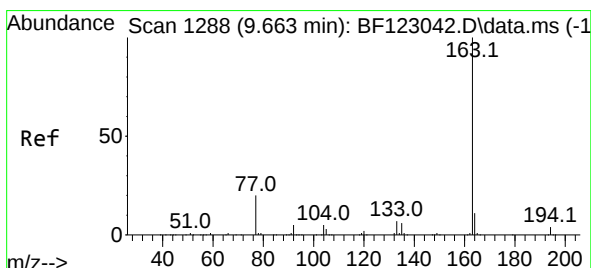
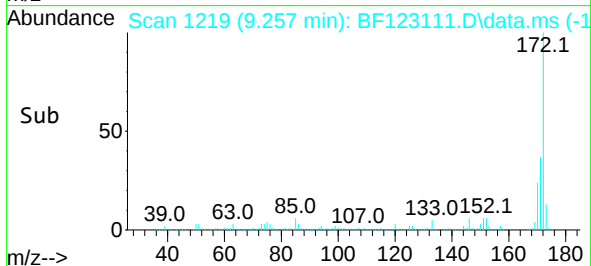
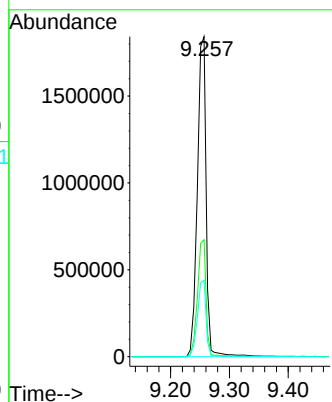
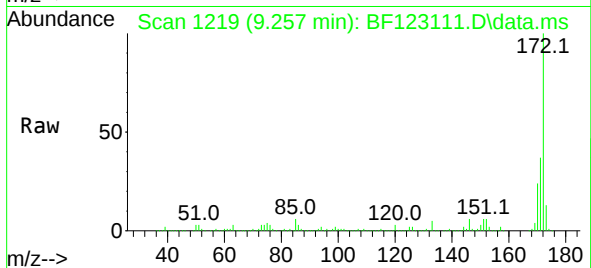




#45
2-Fluorobiphenyl
Concen: 63.15 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

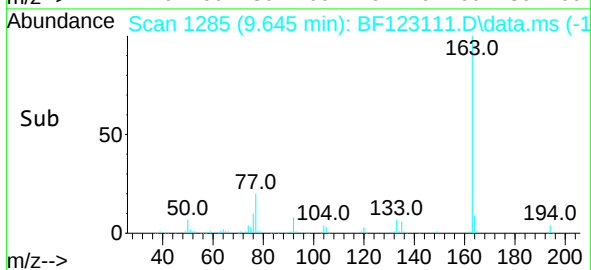
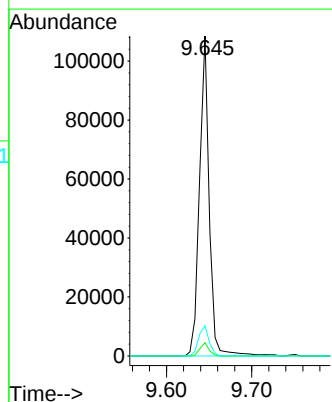
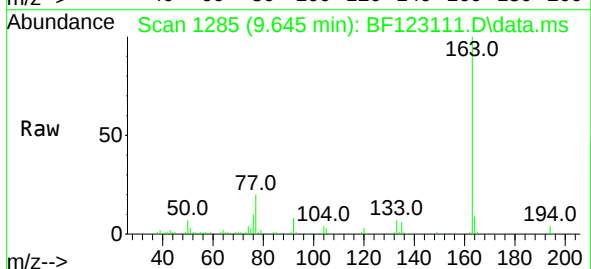
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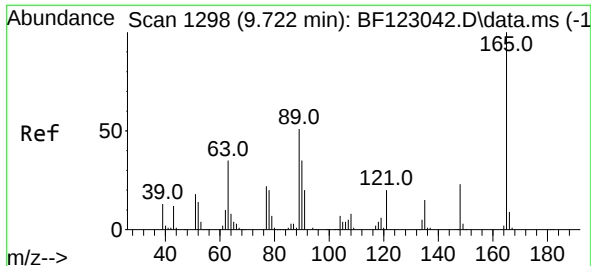
Tgt Ion:172 Resp: 1927688
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 2.43 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion:163 Resp: 86341
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.5 8.1 12.1

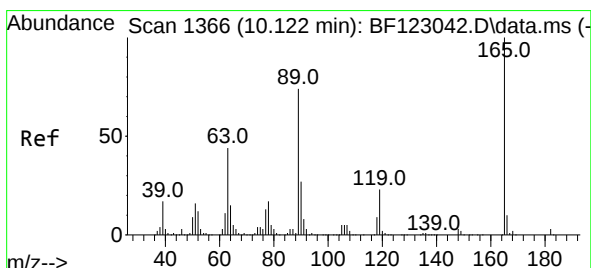
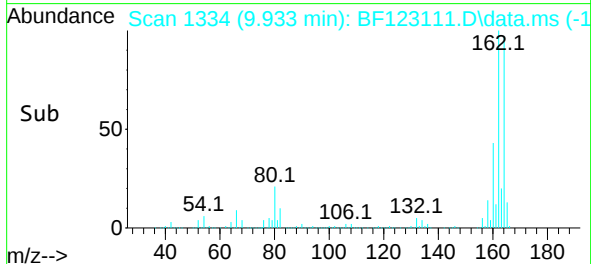
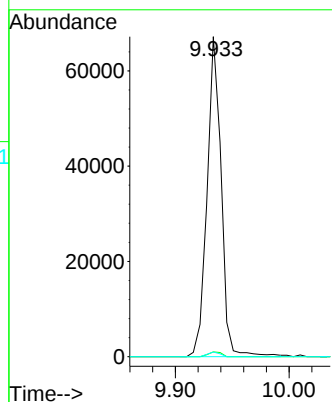
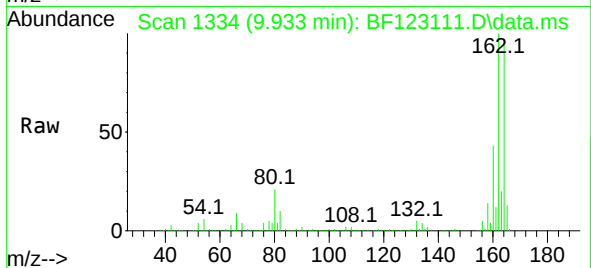




#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

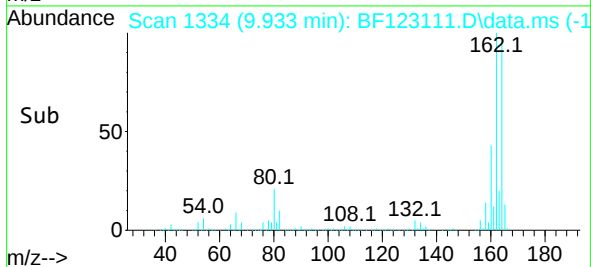
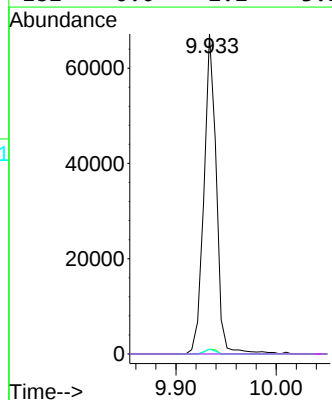
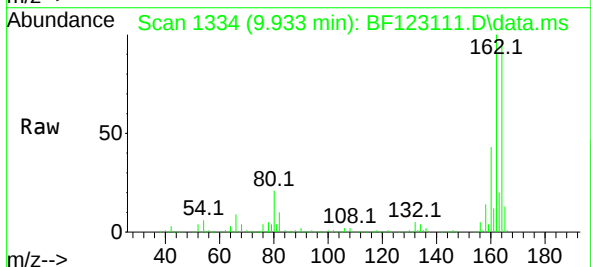
Instrument :
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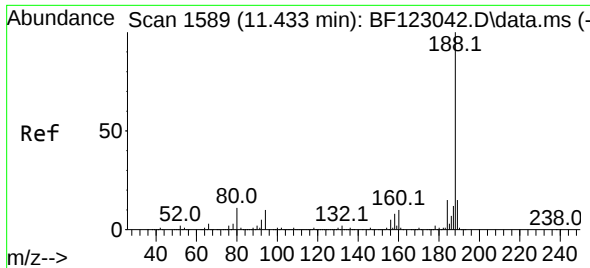
Tgt Ion:165 Resp: 57928
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion:165 Resp: 58040
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

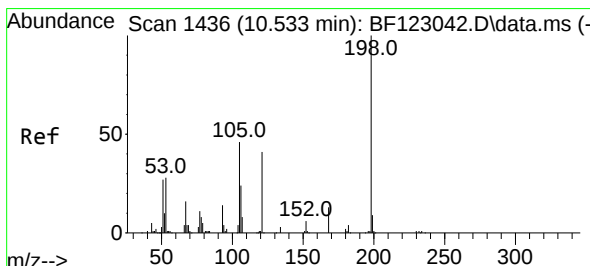
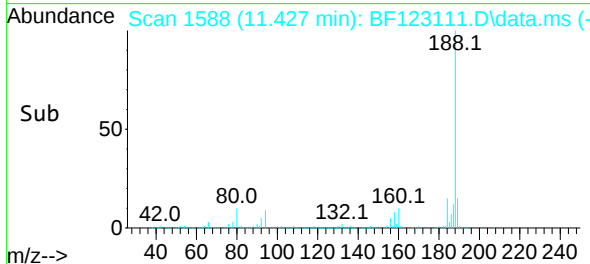
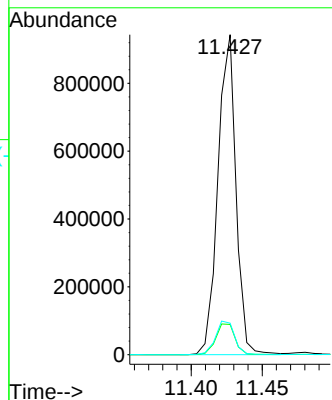
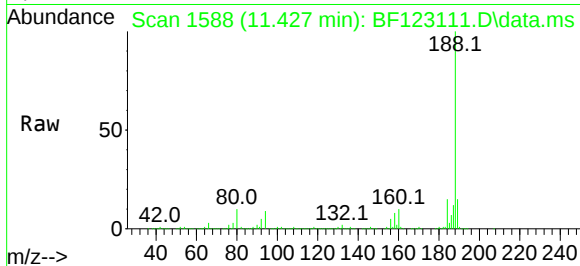




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

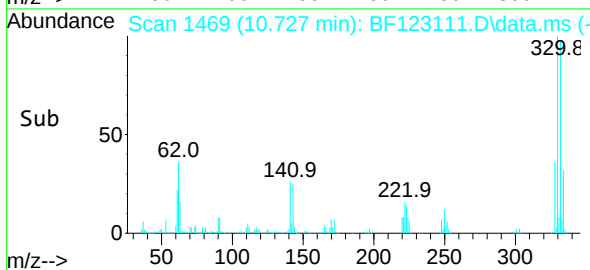
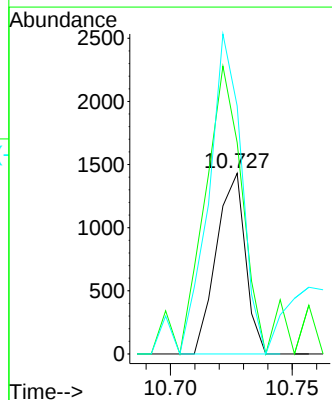
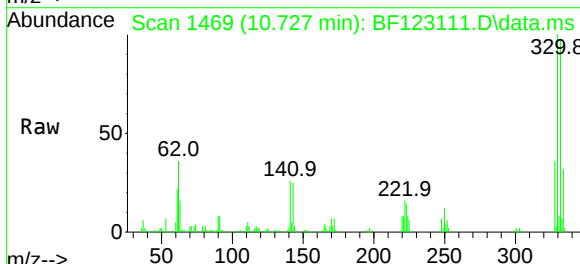
Instrument :
BNA_F
ClientSampleId :
OU421-006-0510

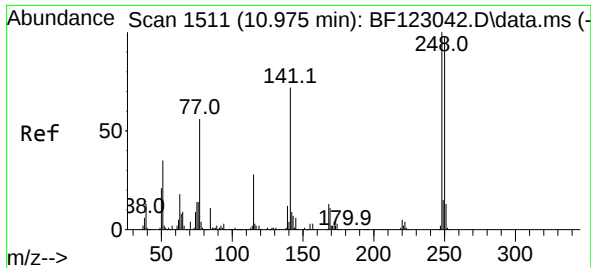
Tgt Ion:188 Resp: 830593
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.21 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

Tgt Ion:198 Resp: 1183
Ion Ratio Lower Upper
198 100
51 117.1 20.3 60.3#
105 137.2 23.0 63.0#

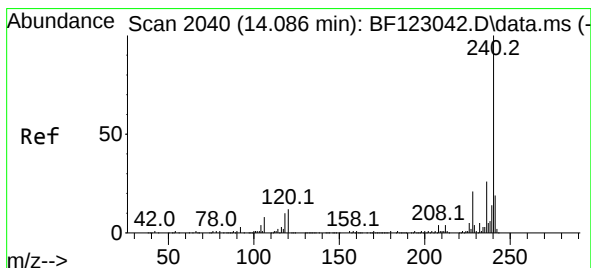
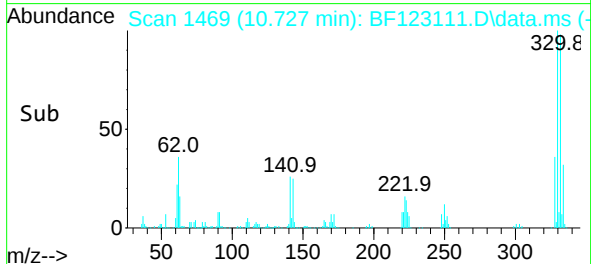
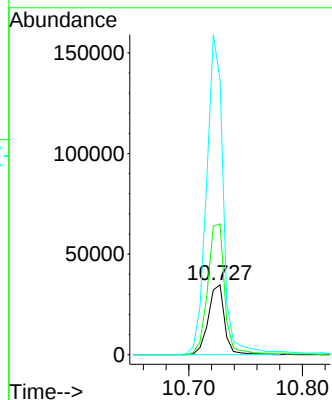
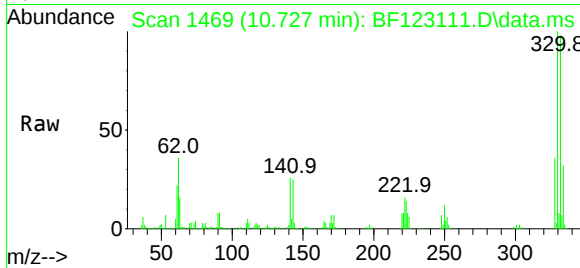




#67
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

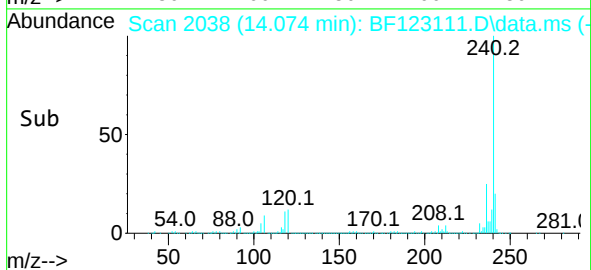
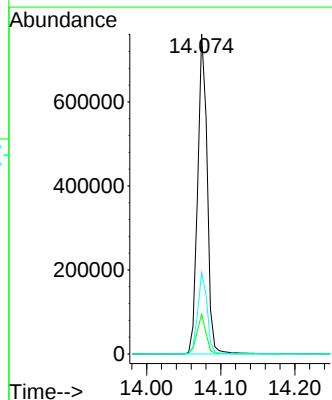
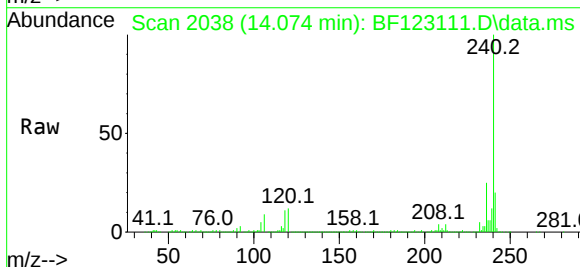
Instrument :
BNA_F
ClientSampleId :
OU421-006-0510

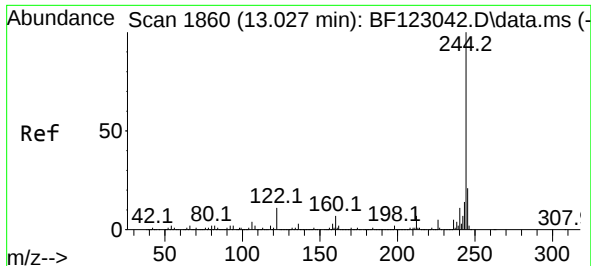
Tgt Ion:248 Resp: 34620
Ion Ratio Lower Upper
248 100
250 186.8 76.8 115.2#
141 393.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123111.D
Acq: 4 Feb 2021 12:59

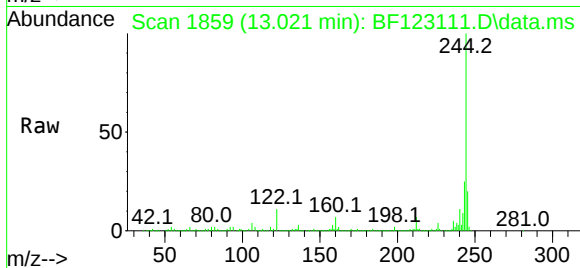
Tgt Ion:240 Resp: 676984
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.4 20.3 30.5





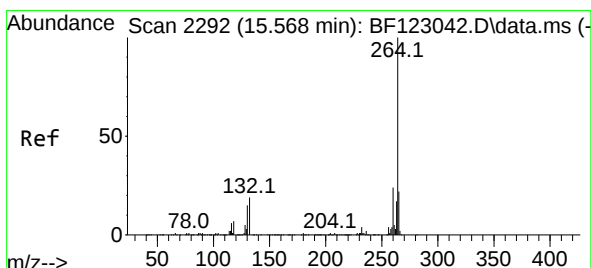
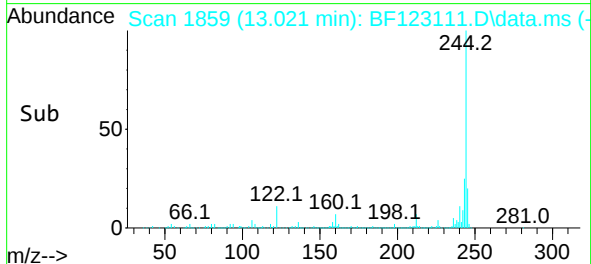
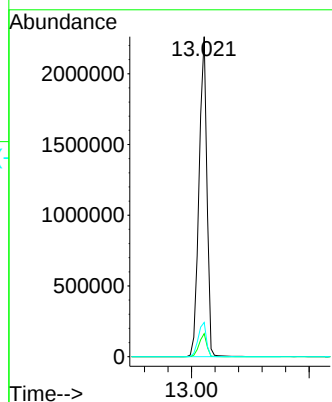
#79
 Terphenyl-d14
 Concen: 60.85 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.006 min
 Lab File: BF123111.D
 Acq: 4 Feb 2021 12:59

Instrument :
 BNA_F
 ClientSampleId :
 OU421-006-0510



Tgt Ion:244 Resp: 2096787

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.7	8.3	12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123111.D
 Acq: 4 Feb 2021 12:59

Tgt Ion:264 Resp: 538837

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	21.6	17.0	25.6

