

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123112.D
 Acq On : 4 Feb 2021 13:32
 Operator : JU/CG
 Sample : M1291-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-006-0205

Quant Time: Feb 04 13:58:17 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)

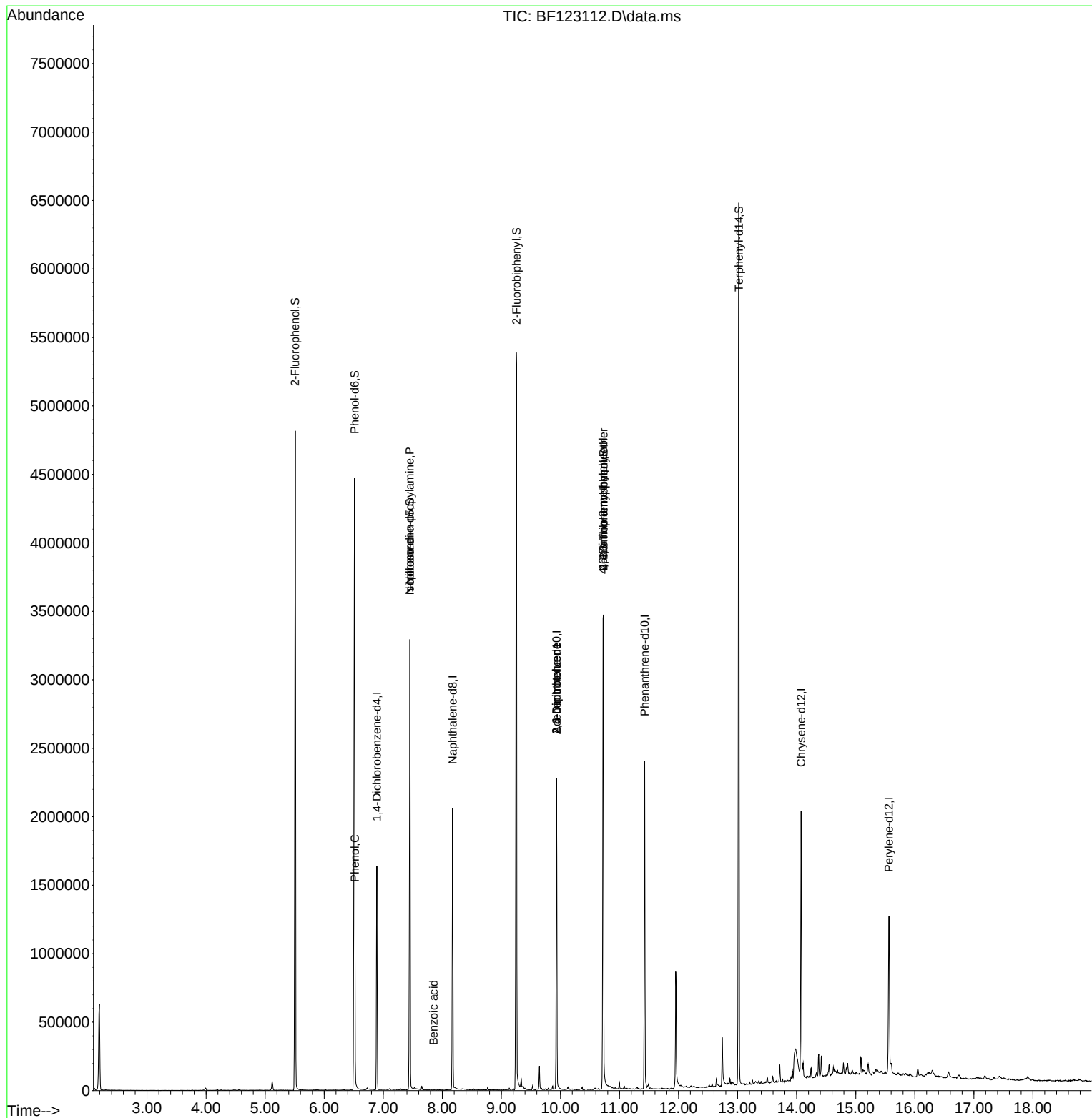
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	223969	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	853098	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	462415	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	843540	20.00	ng	0.00
76) Chrysene-d12	14.074	240	628462	20.00	ng	-0.01
86) Perylene-d12	15.562	264	535249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1358522	93.57	ng	0.00
7) Phenol-d6	6.516	99	1689257	85.83	ng	0.00
23) Nitrobenzene-d5	7.451	82	1062051	62.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	497878	99.18	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1908553	61.36	ng	0.00
79) Terphenyl-d14	13.021	244	2036910	63.68	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	45638	2.34	ng	84
19) n-Nitroso-di-n-propyla...	7.451	70	141231	11.93	ng	# 80
25) Isophorone	7.451	82	1059638	34.13	ng	# 65
32) Benzoic acid	7.851	122	111	4.92	ng	94
51) 2,6-Dinitrotoluene	9.933	165	58760	7.60	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	58762	5.85	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	1040	5.18	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	33721	3.14	ng	# 1

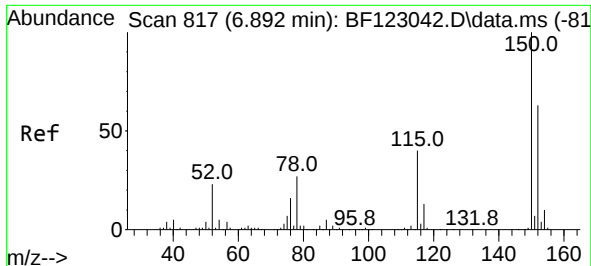
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1291-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
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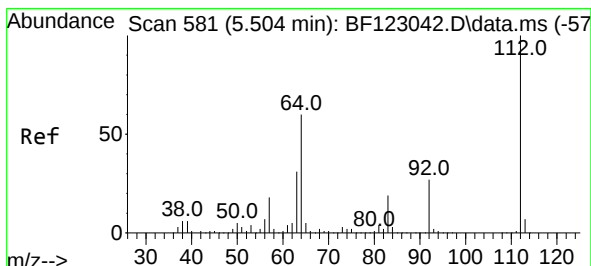
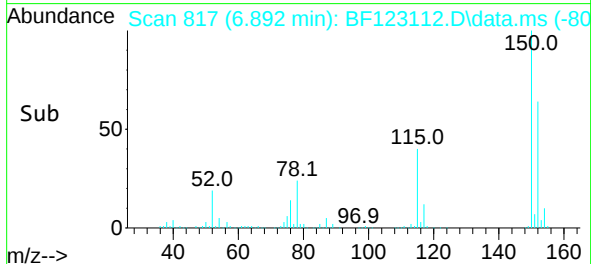
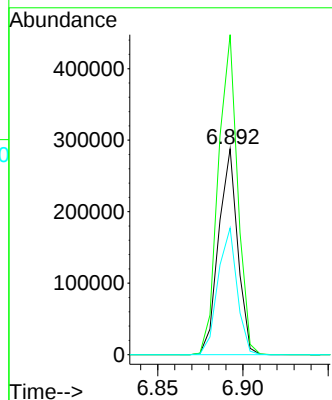
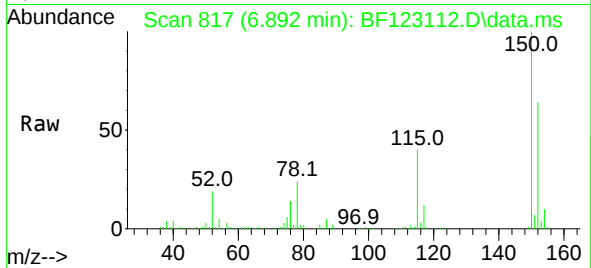




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123112.D
 Acq: 4 Feb 2021 13:32

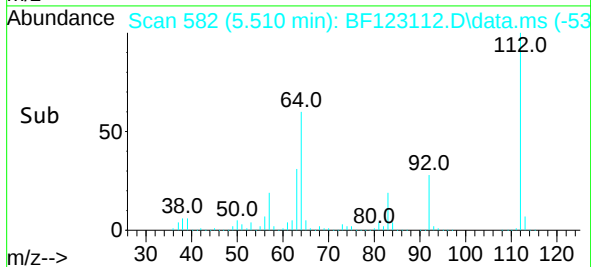
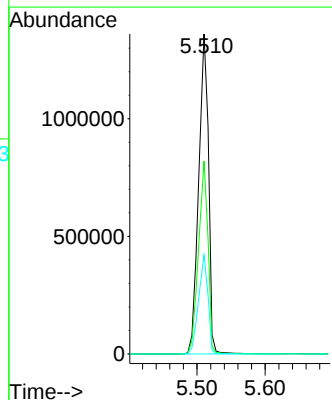
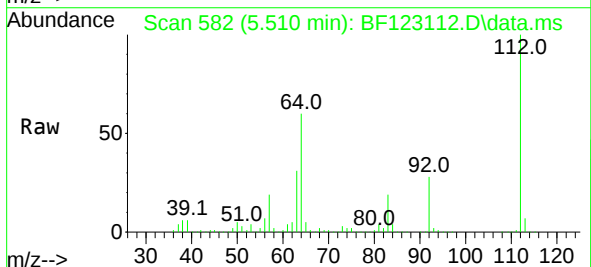
Instrument :
 BNA_F
 ClientSampleId :
 OU421-006-0205

Tgt Ion:152 Resp: 223969
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.8 188.6
 115 61.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 93.57 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123112.D
 Acq: 4 Feb 2021 13:32

Tgt Ion:112 Resp: 1358522
 Ion Ratio Lower Upper
 112 100
 64 60.2 46.9 70.3
 63 30.9 24.5 36.7



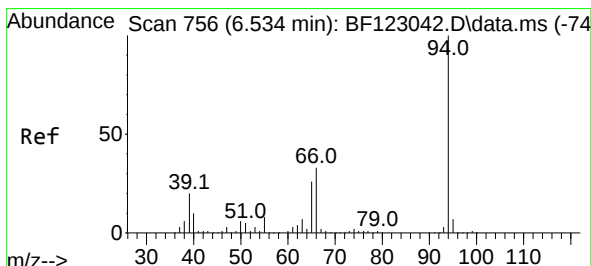
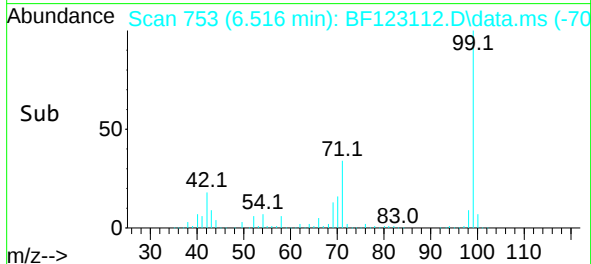
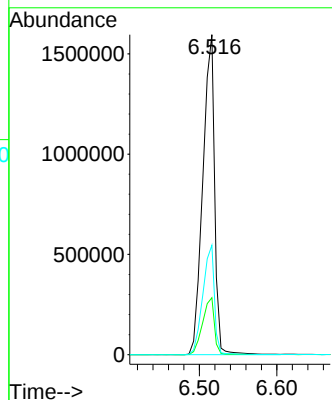
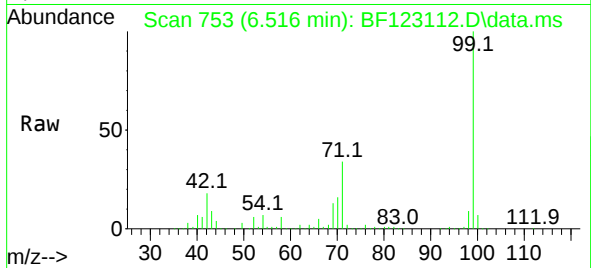


#7
Phenol-d6
Concen: 85.83 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Instrument :
BNA_F
ClientSampleId :
OU421-006-0205

Tgt Ion: 99 Resp: 1689257

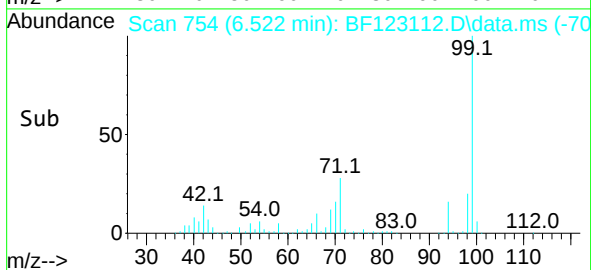
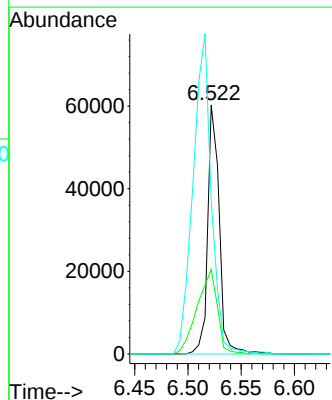
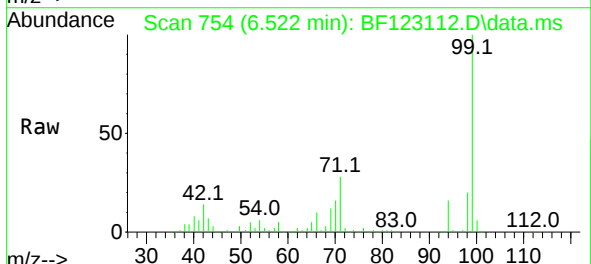
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.8	20.6
71	34.2	26.9	40.3

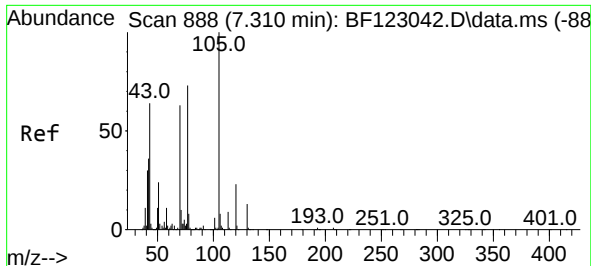


#10
Phenol
Concen: 2.34 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Tgt Ion: 94 Resp: 45638

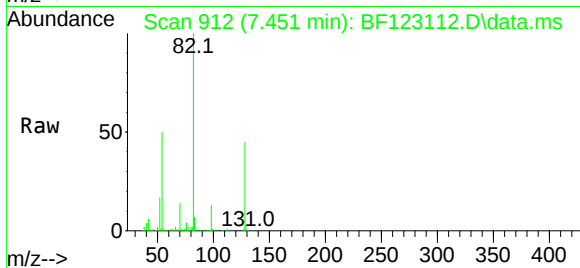
Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.2	51.2
66	61.2	25.8	65.8



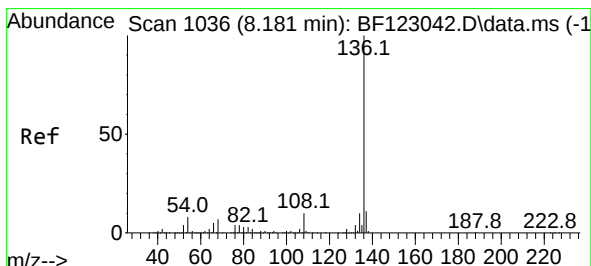
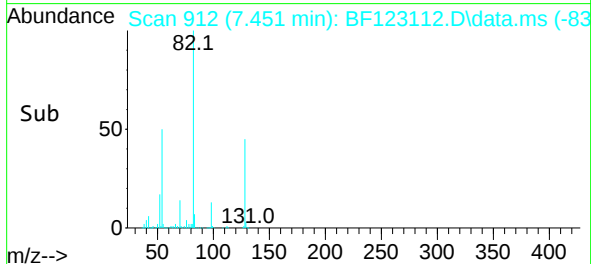
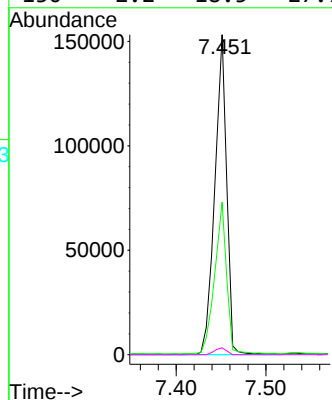


#19
n-Nitroso-di-n-propylamine
Concen: 11.93 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Instrument :
BNA_F
ClientSampleId :
OU421-006-0205

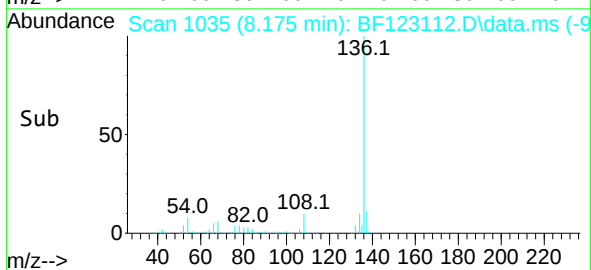
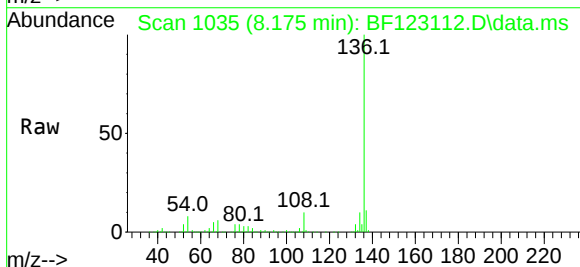
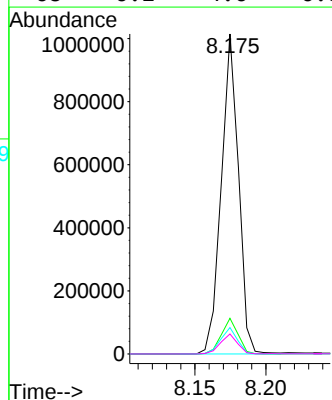


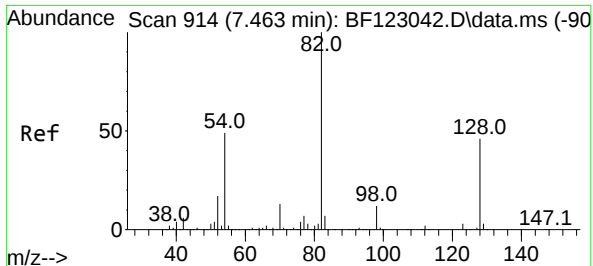
Tgt Ion: 70 Resp: 141231
Ion Ratio Lower Upper
70 100
42 47.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Tgt Ion: 136 Resp: 853098
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 5.5 8.3
68 6.2 4.6 6.8

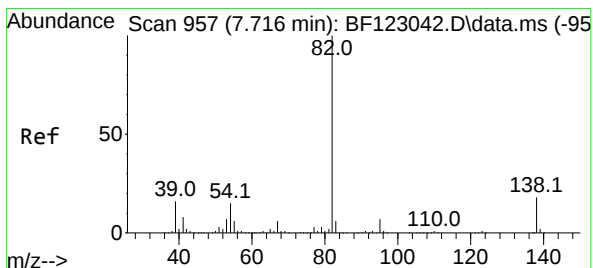
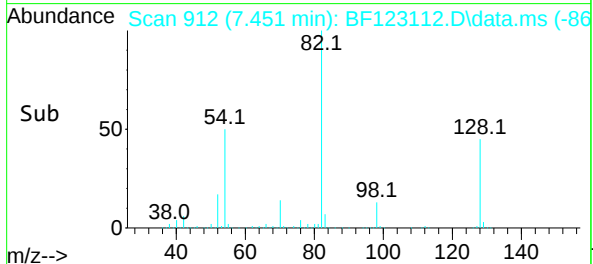
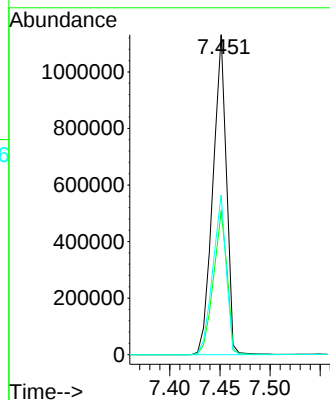
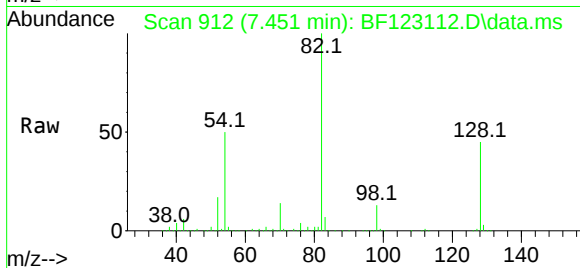




#23
Nitrobenzene-d5
Concen: 62.65 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

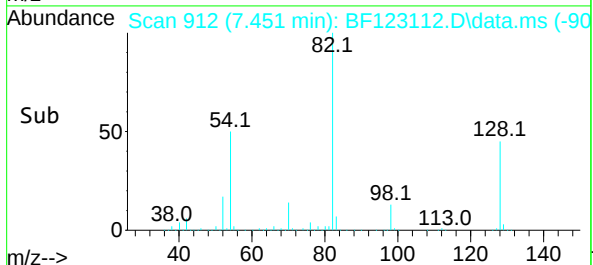
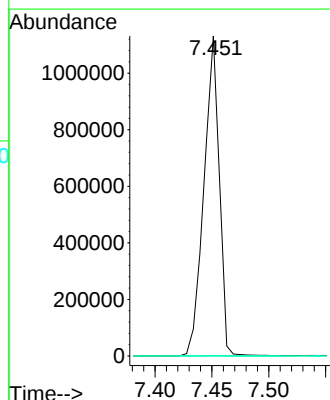
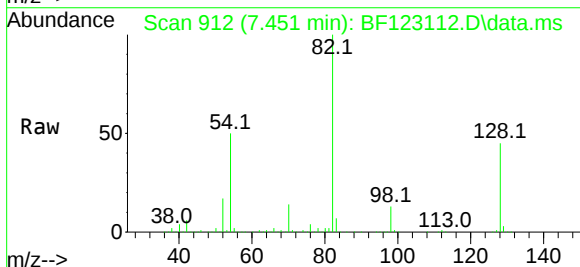
Instrument :
BNA_F
ClientSampleId :
OU421-006-0205

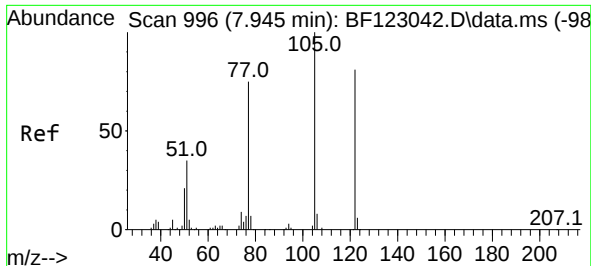
Tgt Ion: 82 Resp: 1062051
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.4
54 49.9 38.4 57.6



#25
Isophorone
Concen: 34.13 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Tgt Ion: 82 Resp: 1059638
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

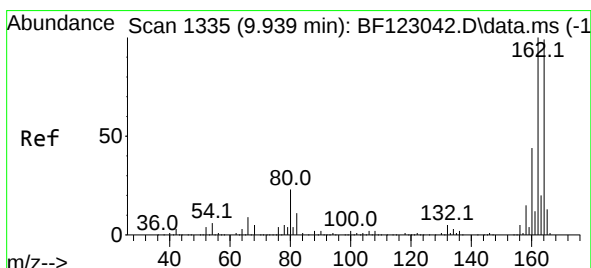
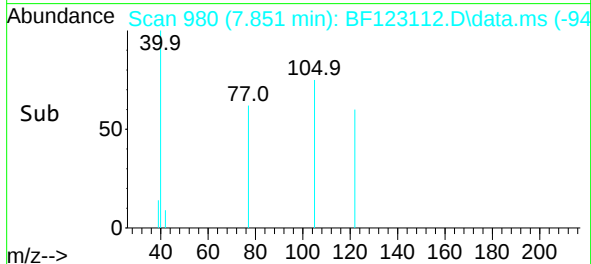
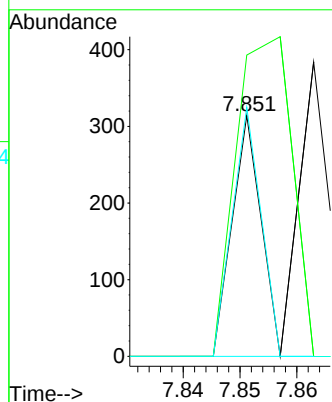
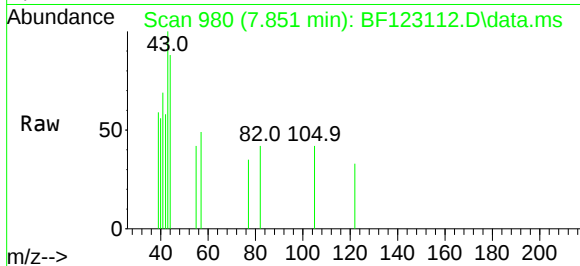




#32
Benzoic acid
Concen: 4.92 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.094 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

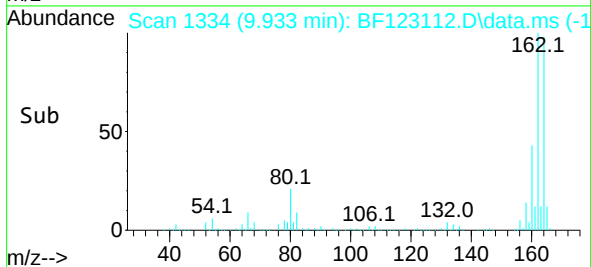
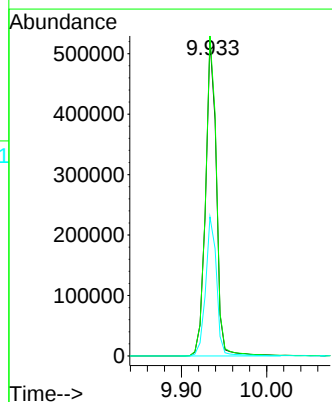
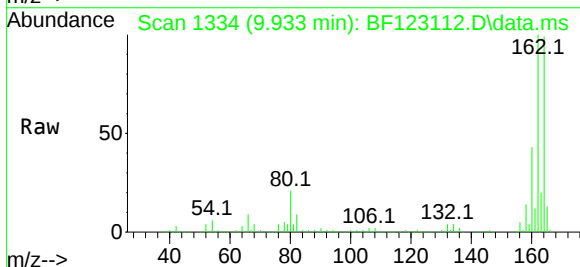
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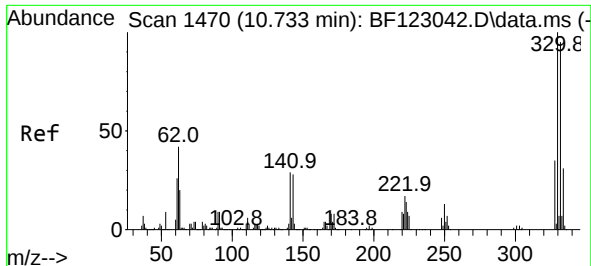
Tgt Ion:	122	Resp:	111
Ion	Ratio	Lower	Upper
122	100		
105	125.2	104.8	144.8
77	103.5	71.0	111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Tgt Ion:	164	Resp:	462415
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	44.0	35.4	53.0

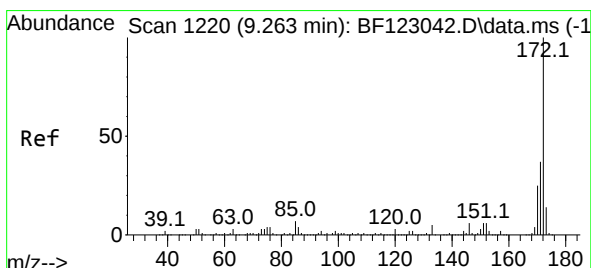
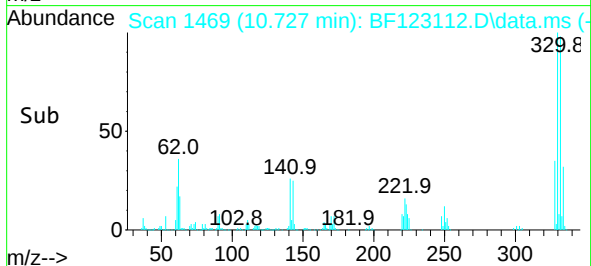
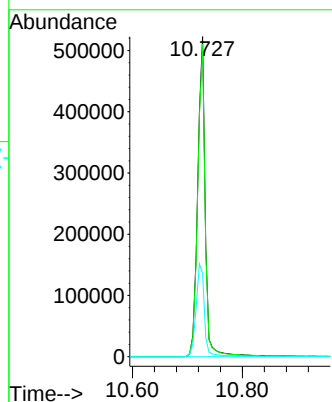
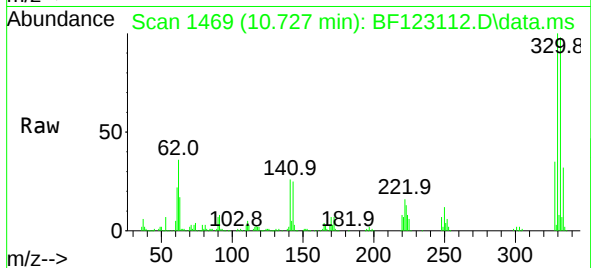




#42
2,4,6-Tribromophenol
Concen: 99.18 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

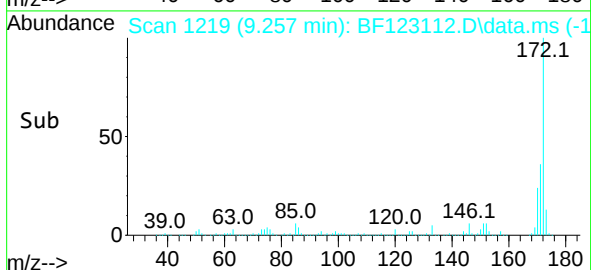
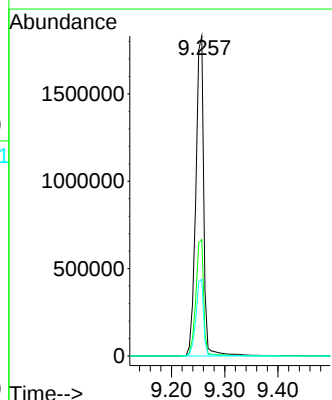
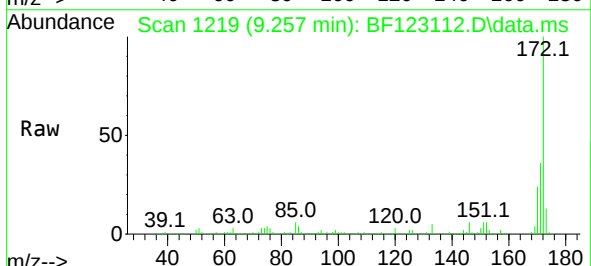
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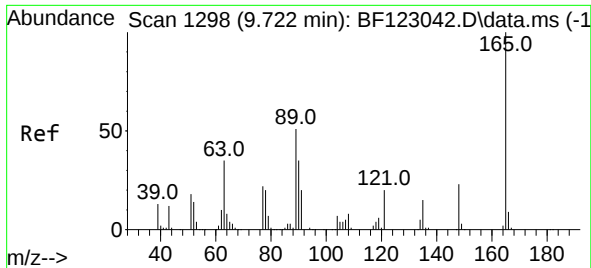
Tgt Ion:330 Resp: 497878
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 32.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 61.36 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Tgt Ion:172 Resp: 1908553
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.5 29.3

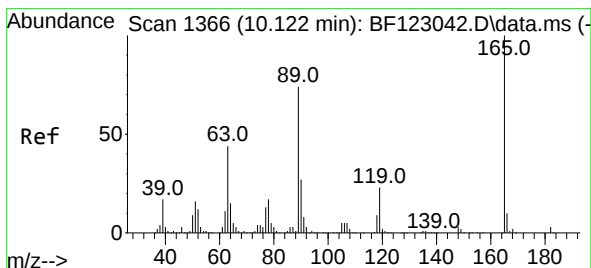
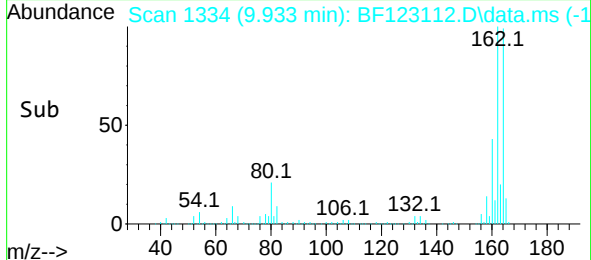
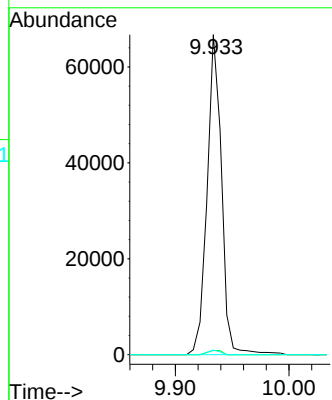
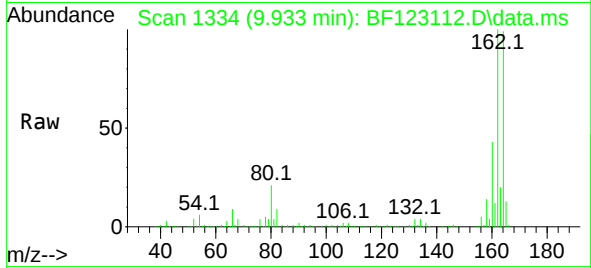




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

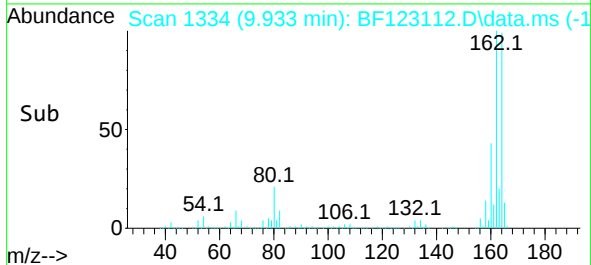
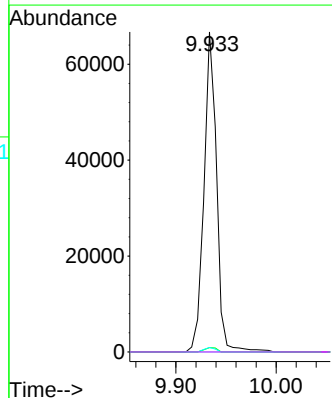
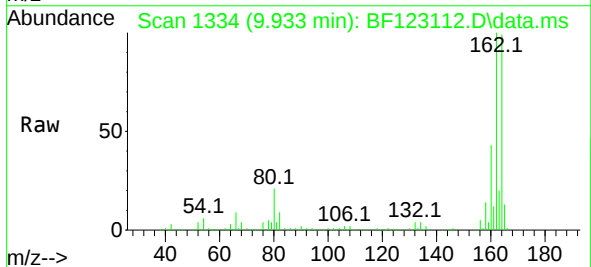
Instrument :
BNA_F
ClientSampleId :
OU421-006-0205

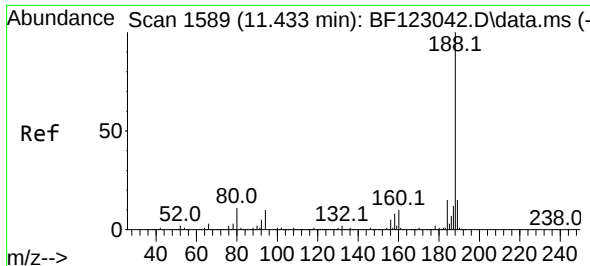
Tgt Ion:165 Resp: 58760
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

Tgt Ion:165 Resp: 58762
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

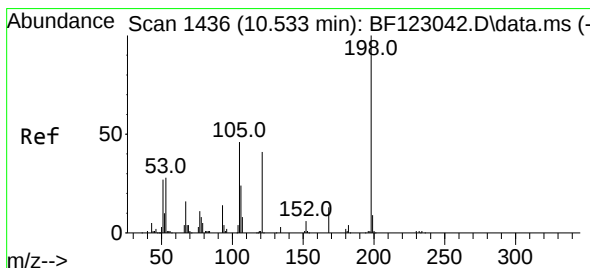
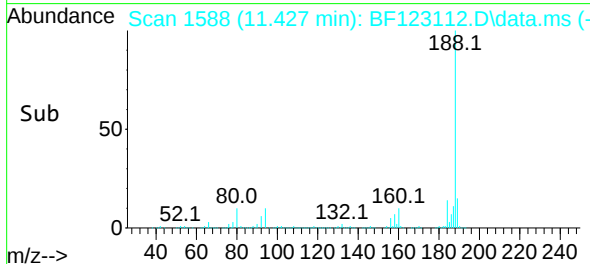
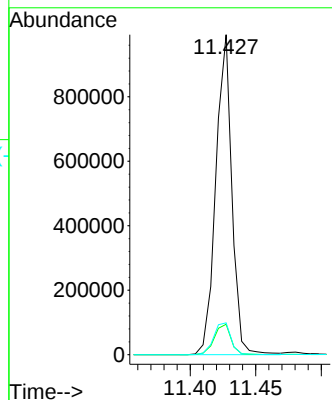
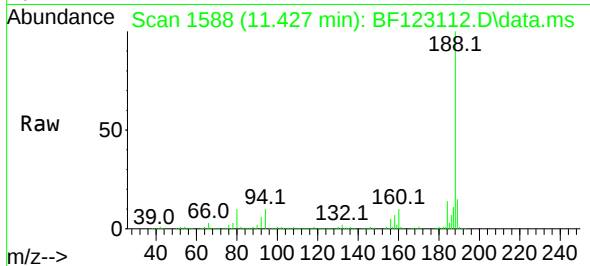




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

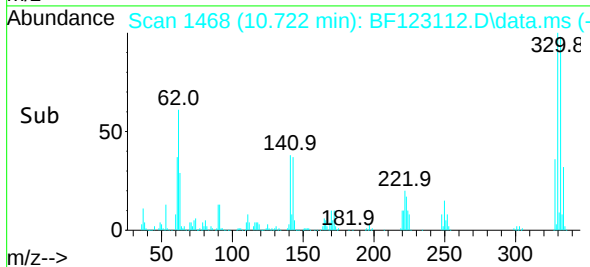
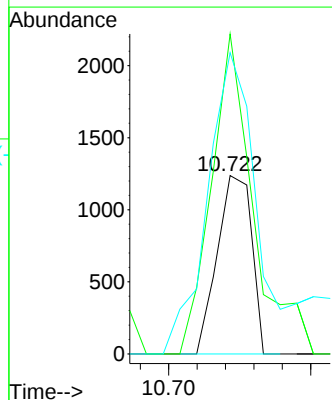
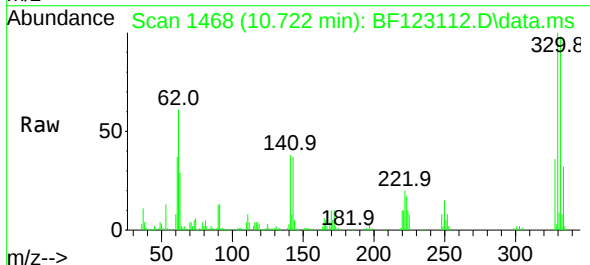
Instrument :
BNA_F
ClientSampleId :
OU421-006-0205

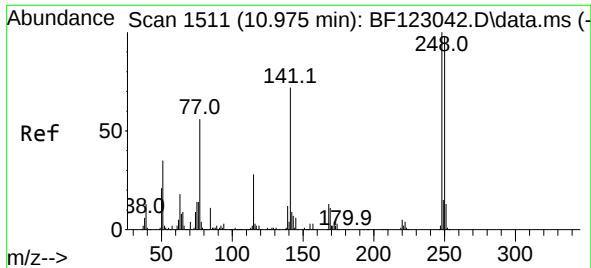
Tgt Ion:188 Resp: 843540
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.18 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

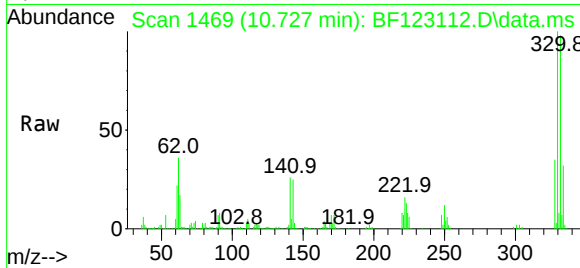
Tgt Ion:198 Resp: 1040
Ion Ratio Lower Upper
198 100
51 179.3 20.3 60.3#
105 168.8 23.0 63.0#



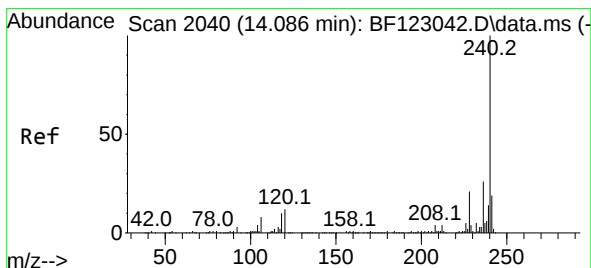
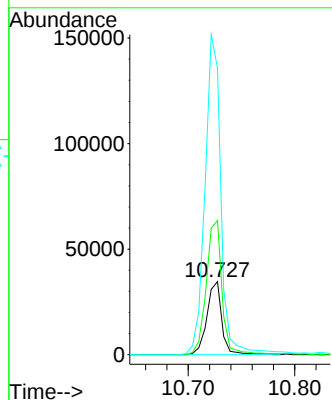
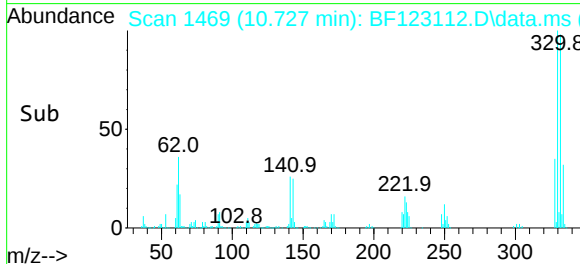


#67
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32

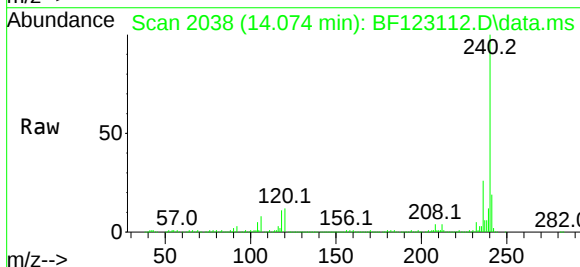
Instrument :
BNA_F
ClientSampleId :
OU421-006-0205



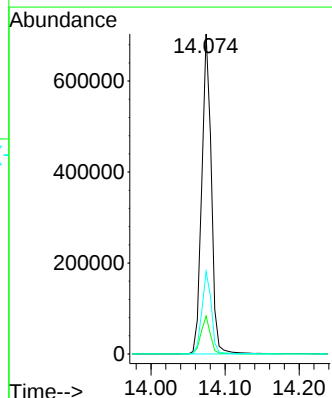
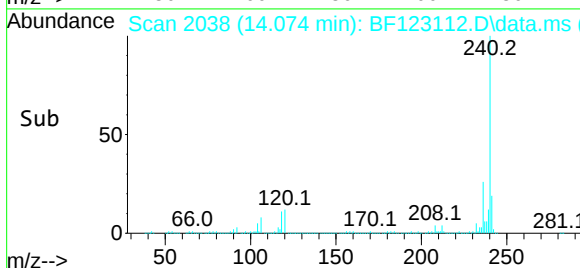
Tgt Ion:248 Resp: 33721
Ion Ratio Lower Upper
248 100
250 183.8 76.8 115.2#
141 392.2 59.8 89.8#

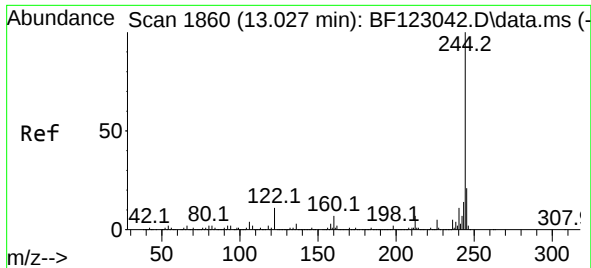


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123112.D
Acq: 4 Feb 2021 13:32



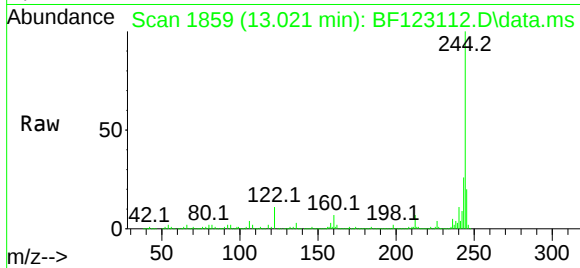
Tgt Ion:240 Resp: 628462
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.8 20.3 30.5



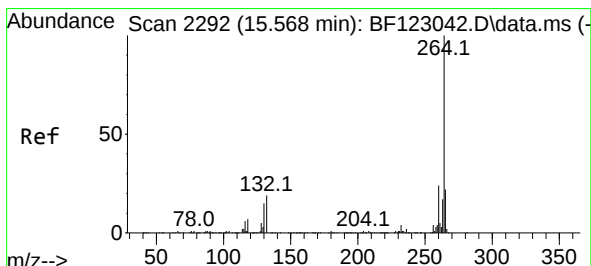
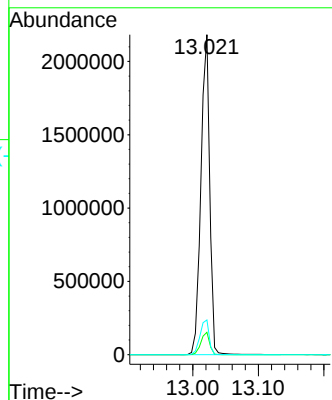
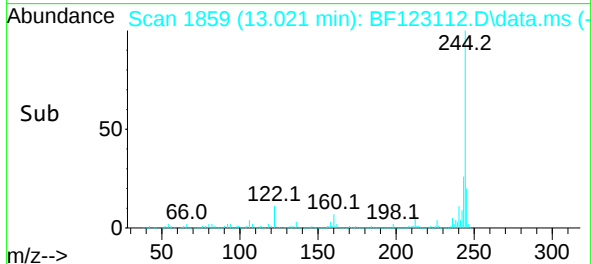


#79
 Terphenyl-d14
 Concen: 63.68 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.006 min
 Lab File: BF123112.D
 Acq: 4 Feb 2021 13:32

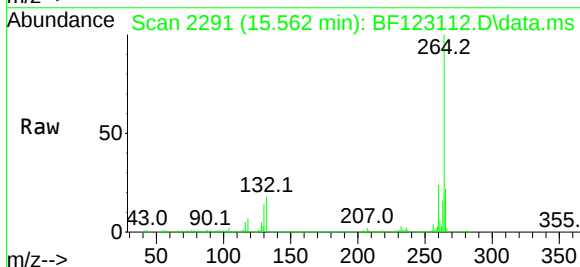
Instrument :
 BNA_F
 ClientSampleId :
 OU421-006-0205



Tgt Ion:244 Resp: 2036910
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.8 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: BF123112.D
 Acq: 4 Feb 2021 13:32



Tgt Ion:264 Resp: 535249
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.5 17.0 25.6

