

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123099.D
 Acq On : 3 Feb 2021 12:31
 Operator : JU/CG
 Sample : M1292-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-009-0002

Quant Time: Feb 03 13:58:18 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)

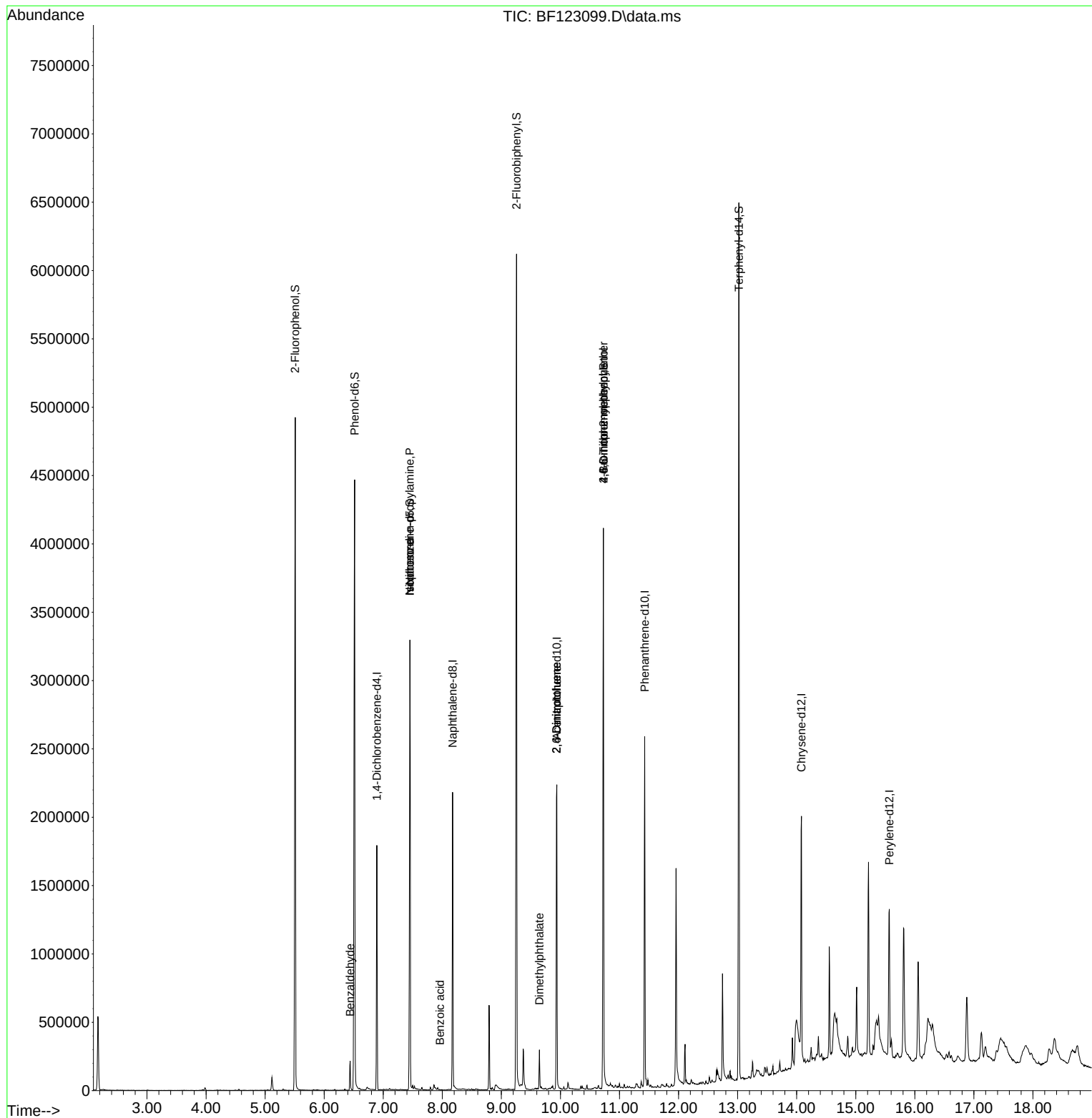
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	231070	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	891709	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	483111	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	869170	20.00	ng	0.00
76) Chrysene-d12	14.080	240	623508	20.00	ng	0.00
86) Perylene-d12	15.568	264	518945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1359779	90.77	ng	0.00
7) Phenol-d6	6.516	99	1713706	84.40	ng	0.00
23) Nitrobenzene-d5	7.451	82	1097288	61.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	510884	97.41	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1939873	59.69	ng	0.00
79) Terphenyl-d14	13.021	244	1984849	62.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	39775	4.28	ng	97
19) n-Nitroso-di-n-propyla...	7.451	70	146601	12.01	ng	# 81
25) Isophorone	7.451	82	1097276	33.81	ng	# 65
32) Benzoic acid	7.963	122	684	4.97	ng	89
50) Dimethylphthalate	9.645	163	104744	2.76	ng	99
51) 2,6-Dinitrotoluene	9.933	165	61930	7.67	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	61931	5.90	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1107	5.18	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	33222	3.00	ng	# 1

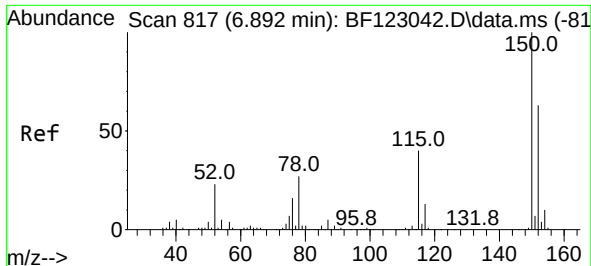
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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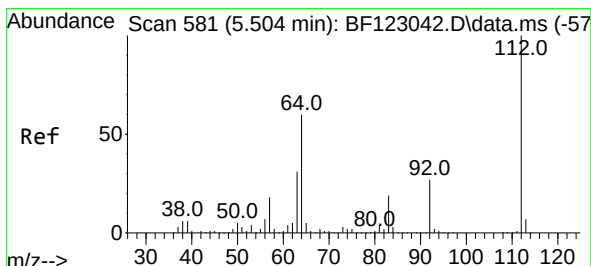
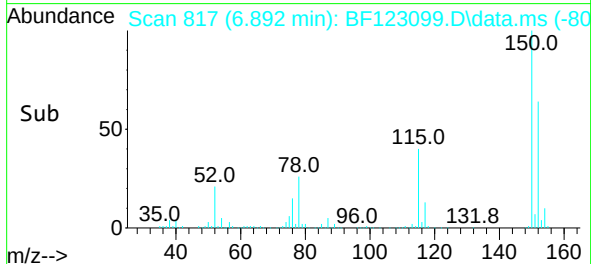
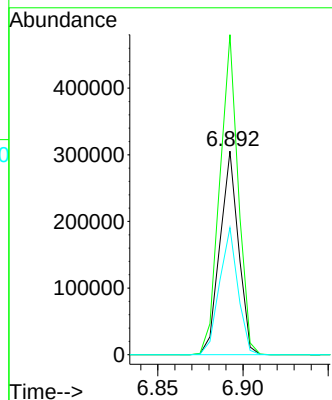
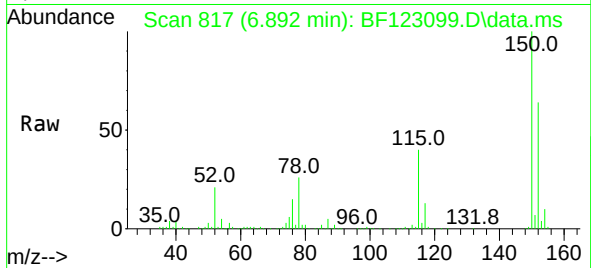




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

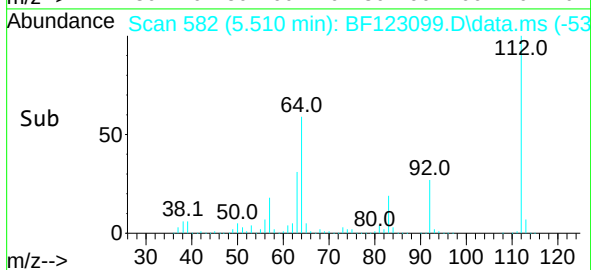
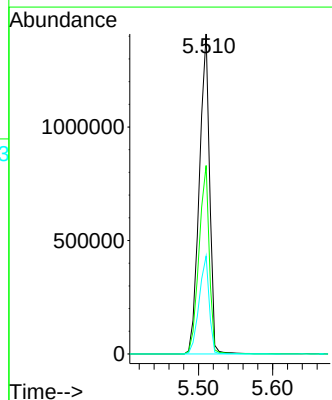
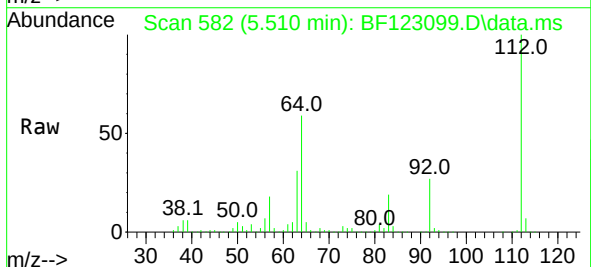
Instrument :
BNA_F
ClientSampleId :
OU421-009-0002

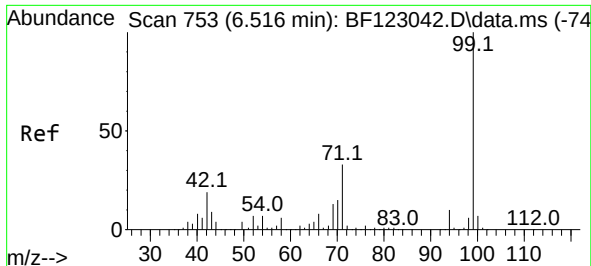
Tgt Ion:152 Resp: 231070
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 62.4 49.3 73.9



#5
2-Fluorophenol
Concen: 90.77 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

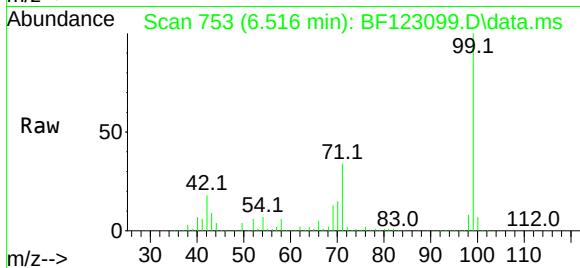
Tgt Ion:112 Resp: 1359779
Ion Ratio Lower Upper
112 100
64 58.9 46.9 70.3
63 30.6 24.5 36.7





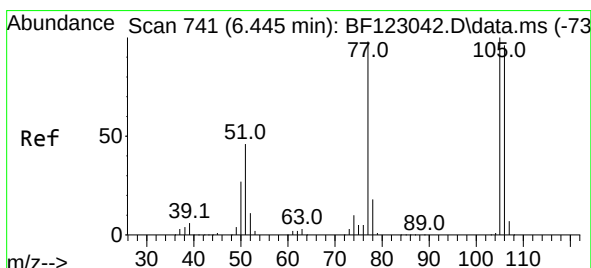
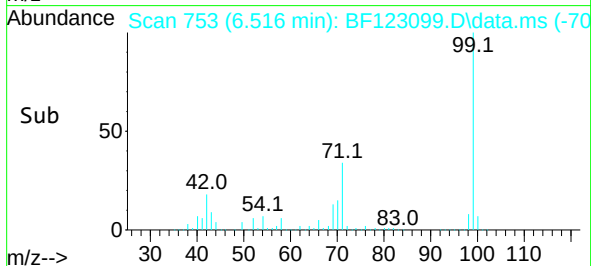
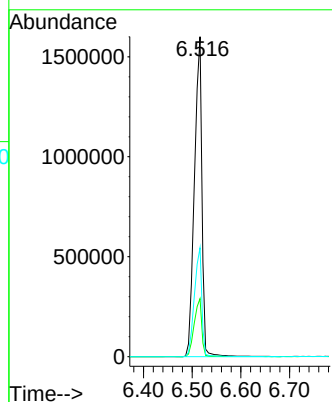
#7
Phenol-d6
Concen: 84.40 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1713706

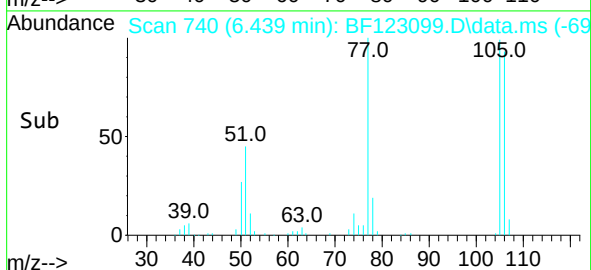
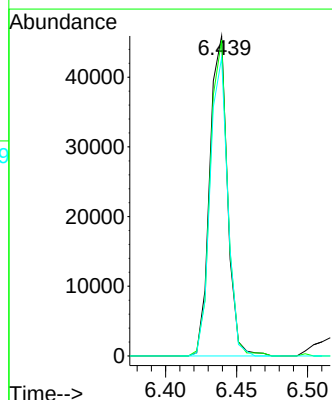
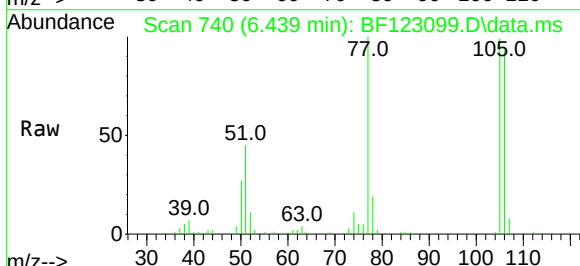
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.8	20.6
71	34.0	26.9	40.3

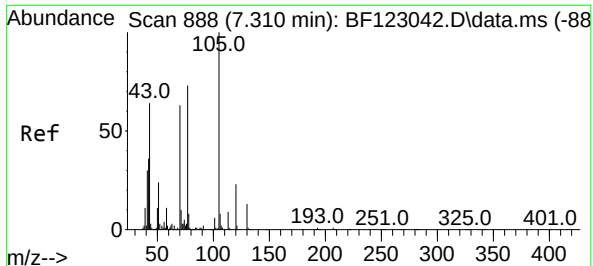


#9
Benzaldehyde
Concen: 4.28 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Tgt Ion: 77 Resp: 39775

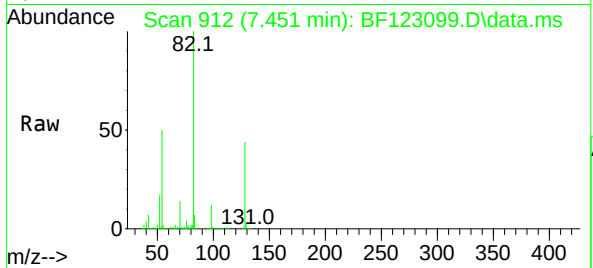
Ion	Ratio	Lower	Upper
77	100		
105	98.7	80.6	120.6
106	93.2	77.2	117.2



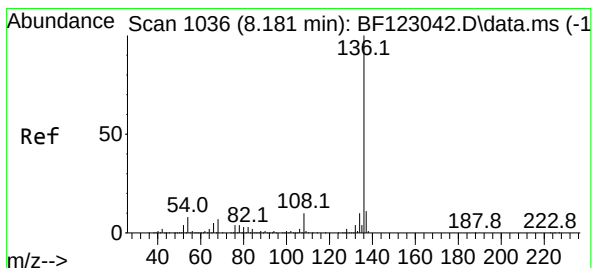
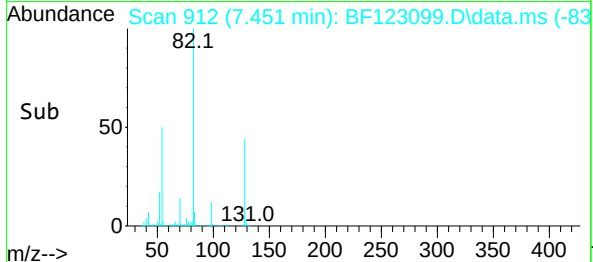
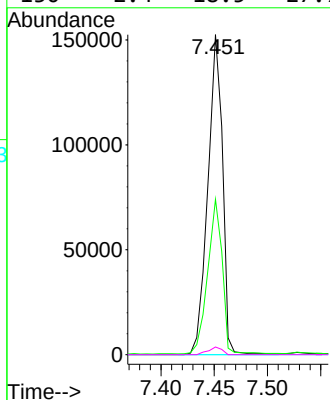


#19
n-Nitroso-di-n-propylamine
Concen: 12.01 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Instrument :
BNA_F
ClientSampleId :
OU421-009-0002

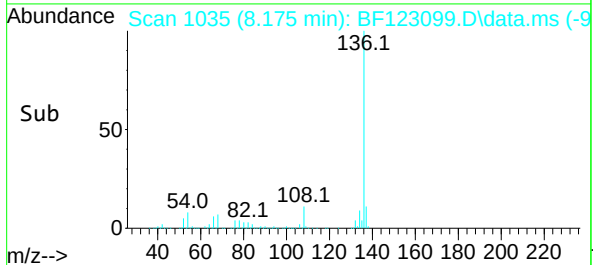
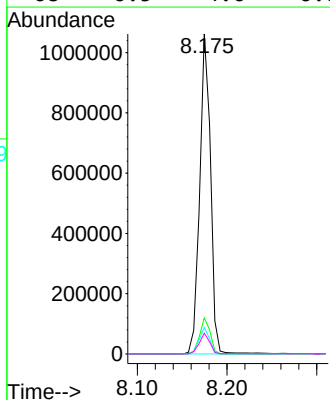
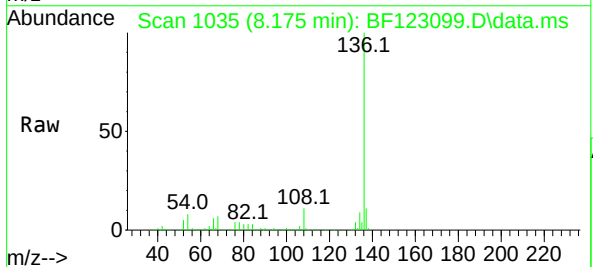


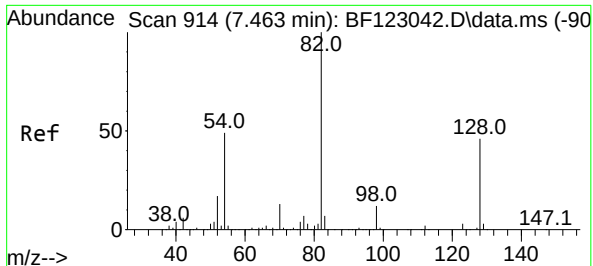
Tgt Ion	70	Resp	146601
Ion Ratio	100	Lower	Upper
70	100		
42	48.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Tgt Ion	136	Resp	891709
Ion Ratio	100	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	5.5	8.3
68	6.5	4.6	6.8

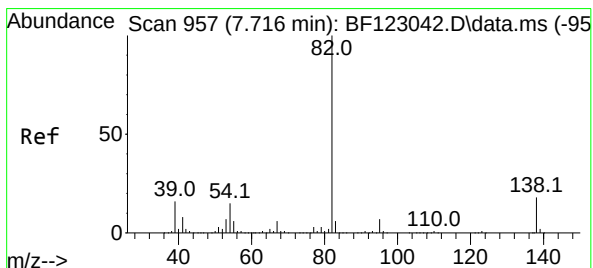
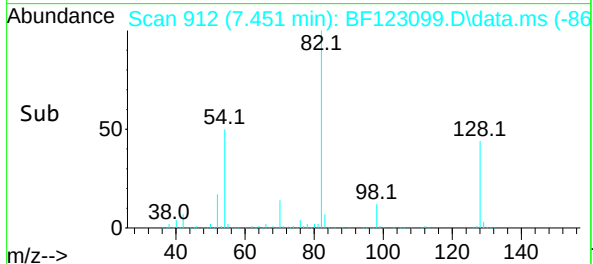
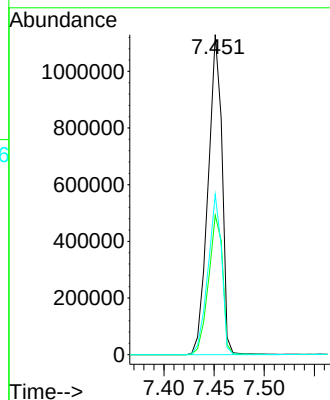
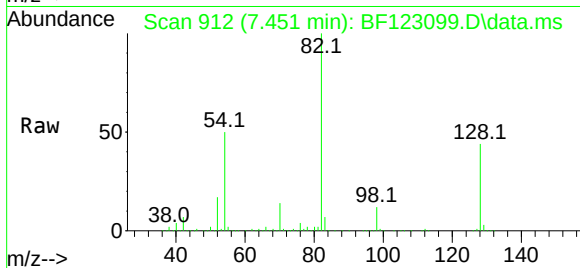




#23
Nitrobenzene-d5
Concen: 61.93 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

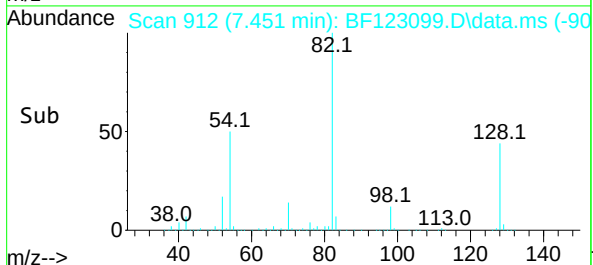
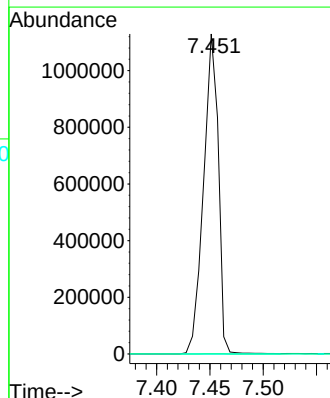
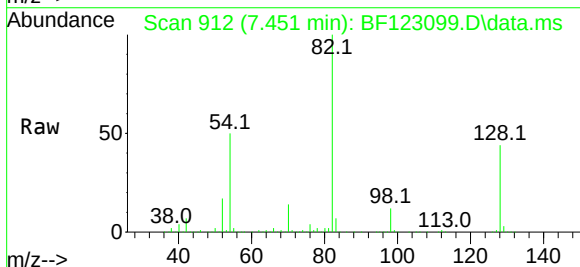
Instrument :
BNA_F
ClientSampleId :
OU421-009-0002

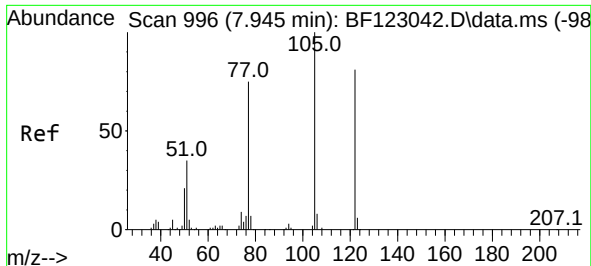
Tgt Ion: 82 Resp: 1097288
Ion Ratio Lower Upper
82 100
128 43.6 37.0 55.4
54 50.1 38.4 57.6



#25
Isophorone
Concen: 33.81 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Tgt Ion: 82 Resp: 1097276
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

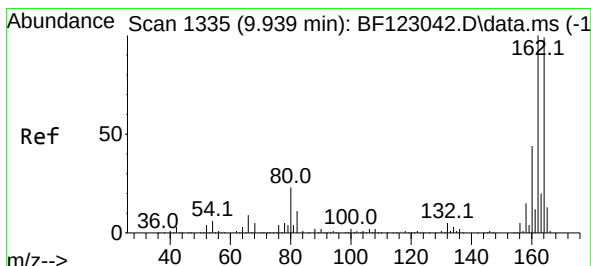
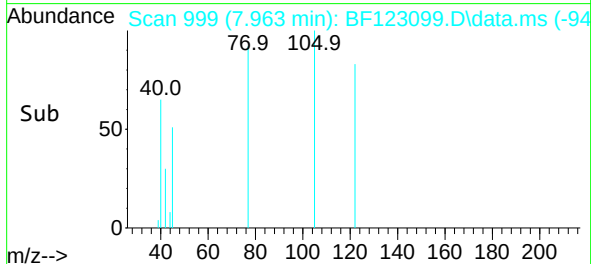
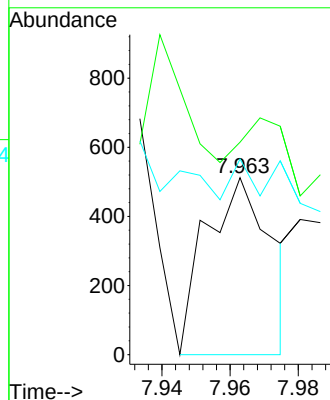
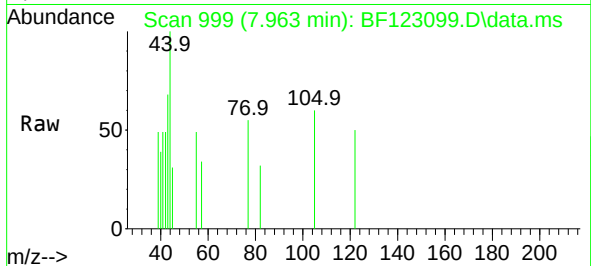




#32
Benzoic acid
Concen: 4.97 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

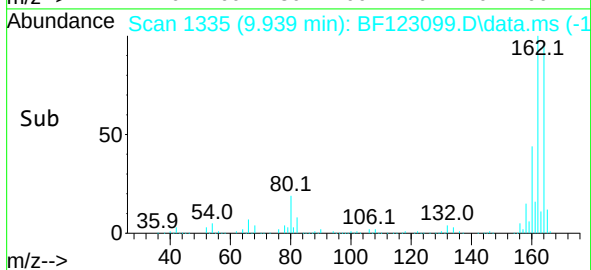
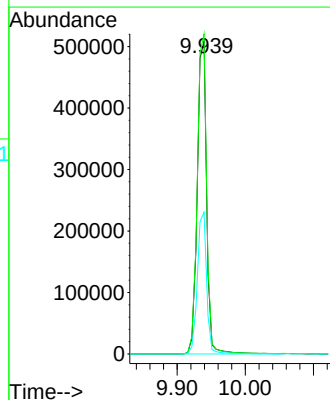
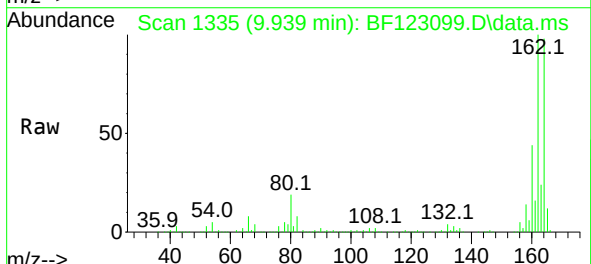
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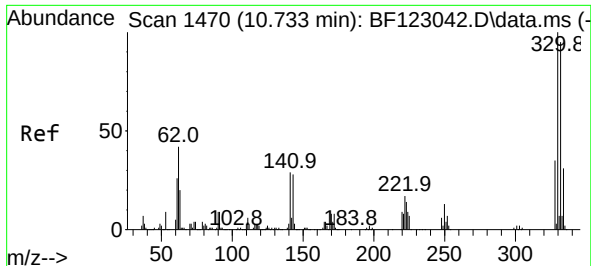
Tgt Ion:122 Resp: 684
Ion Ratio Lower Upper
122 100
105 120.1 104.8 144.8
77 110.5 71.0 111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Tgt Ion:164 Resp: 483111
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 45.3 35.4 53.0

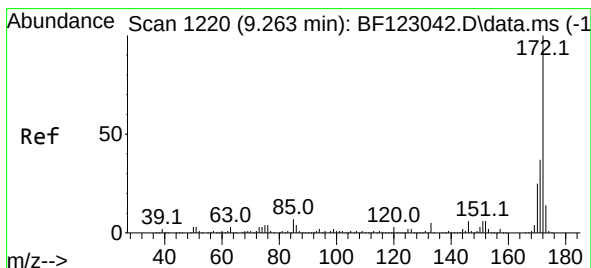
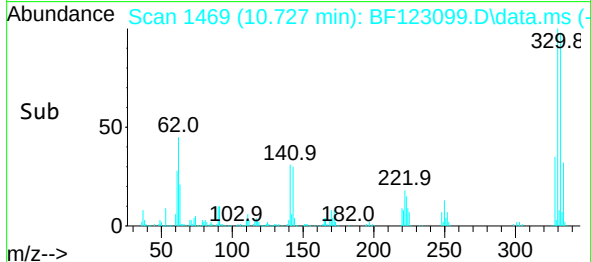
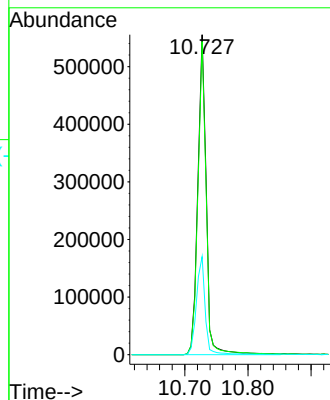
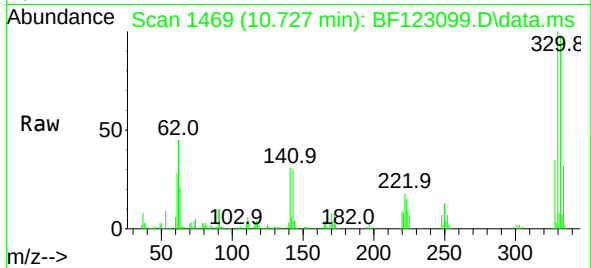




#42
2,4,6-Tribromophenol
Concen: 97.41 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

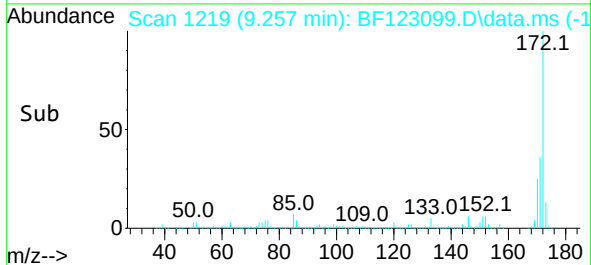
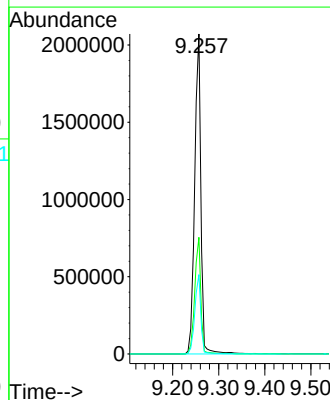
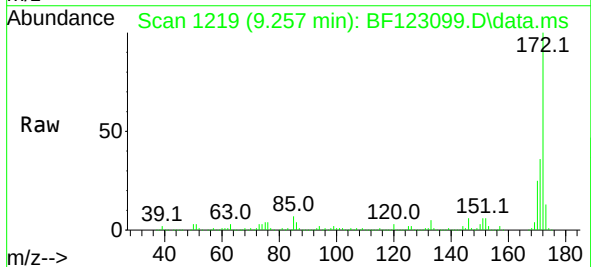
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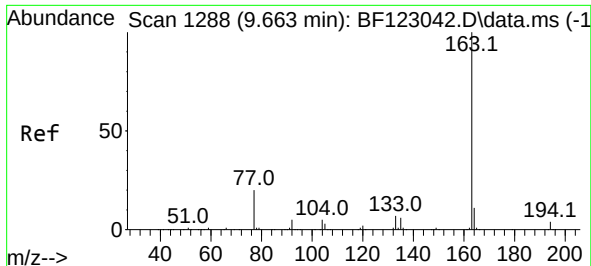
Tgt Ion:330 Resp: 510884
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 32.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 59.69 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Tgt Ion:172 Resp: 1939873
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.8 19.5 29.3

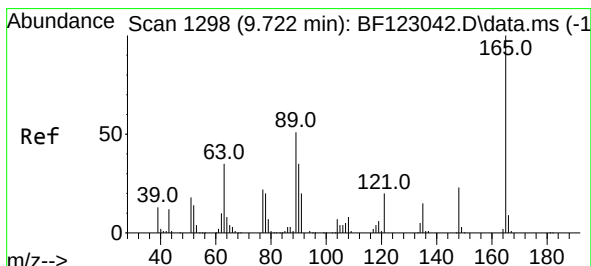
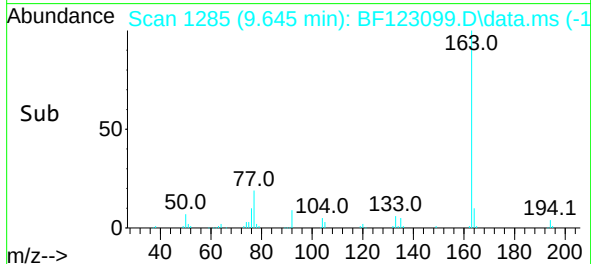
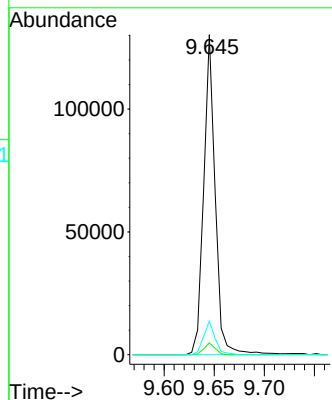
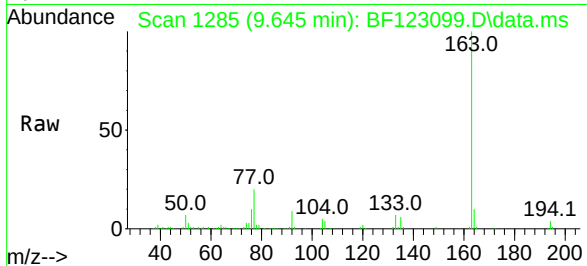




#50
Dimethylphthalate
Concen: 2.76 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

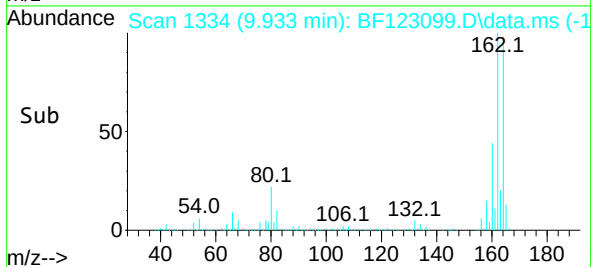
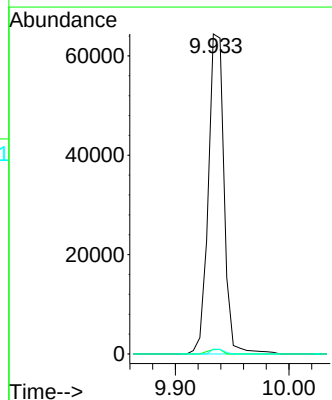
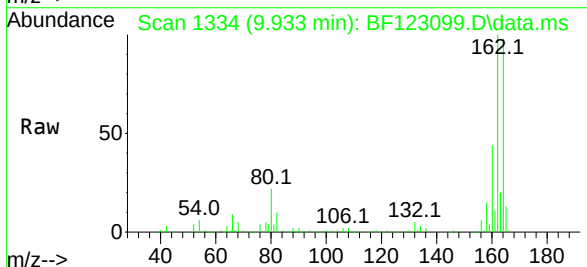
Instrument :
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OU421-009-0002

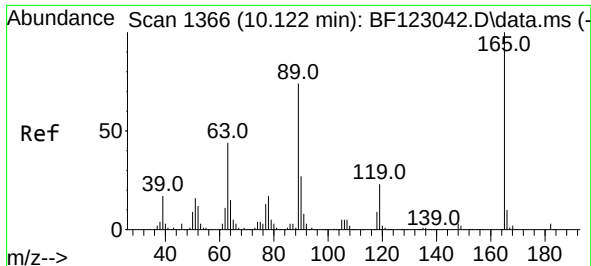
Tgt Ion:163 Resp: 104744
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

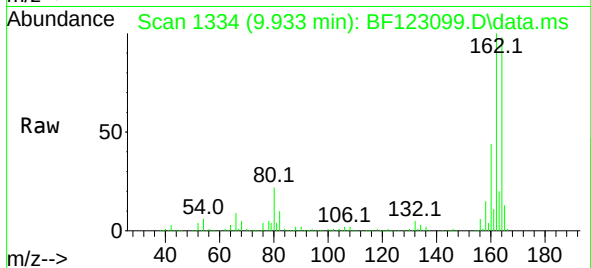
Tgt Ion:165 Resp: 61930
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.5 39.4 59.0#



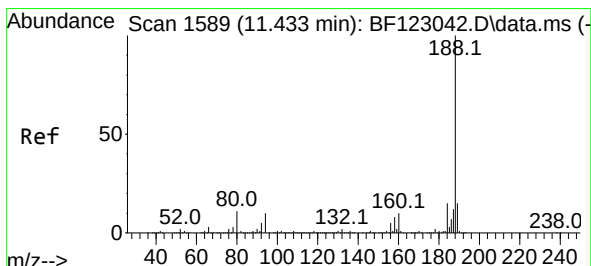
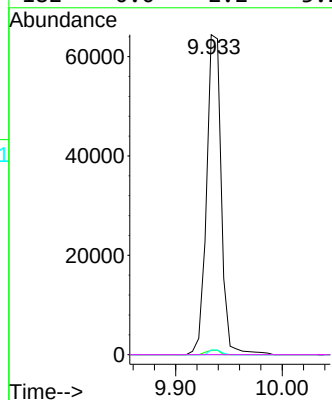
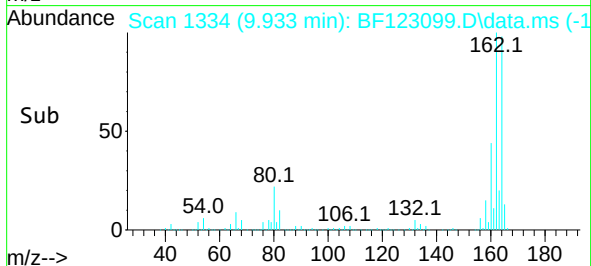


#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

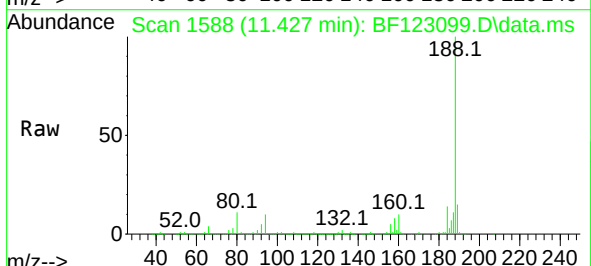
Instrument :
BNA_F
ClientSampleId :
OU421-009-0002



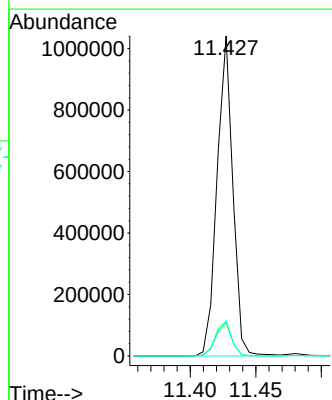
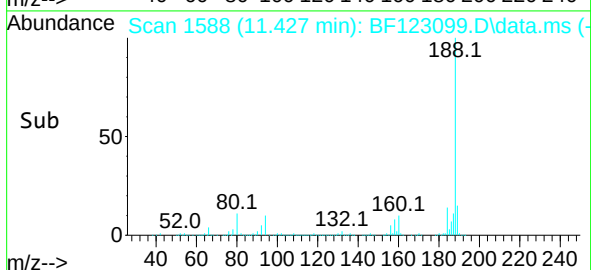
Tgt Ion:165 Resp: 61931
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

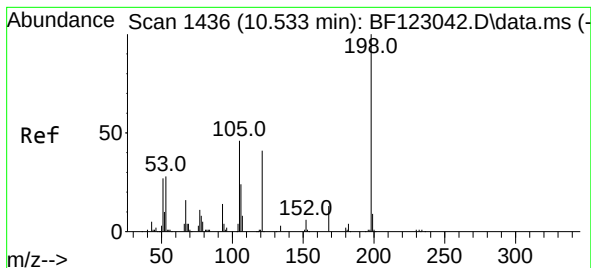


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31



Tgt Ion:188 Resp: 869170
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.9 8.2 12.4

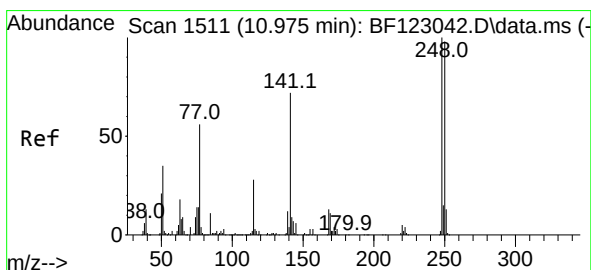
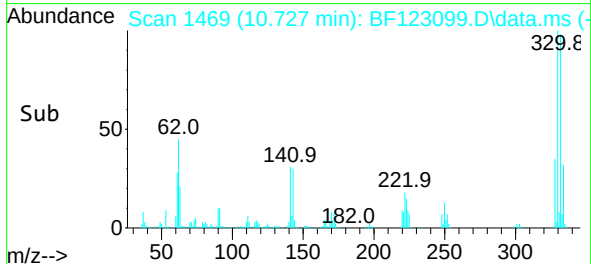
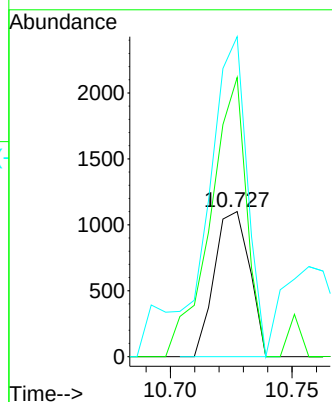
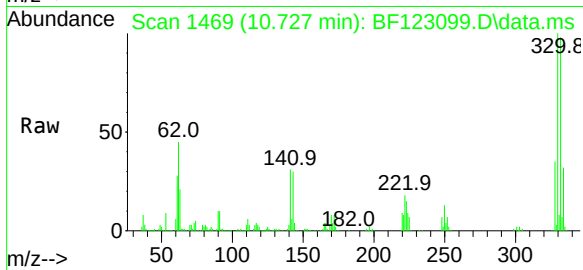




#65
4,6-Dinitro-2-methylphenol
Concen: 5.18 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

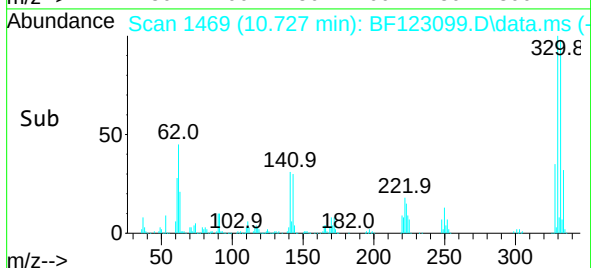
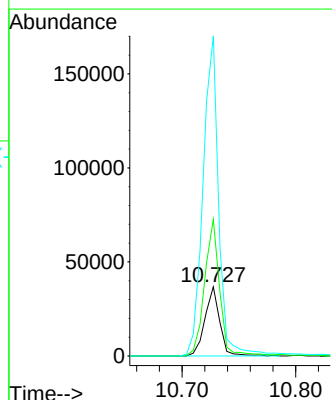
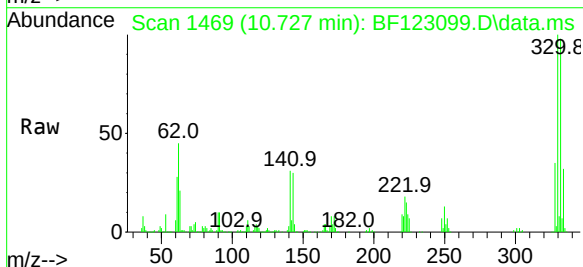
Instrument :
BNA_F
ClientSampleId :
OU421-009-0002

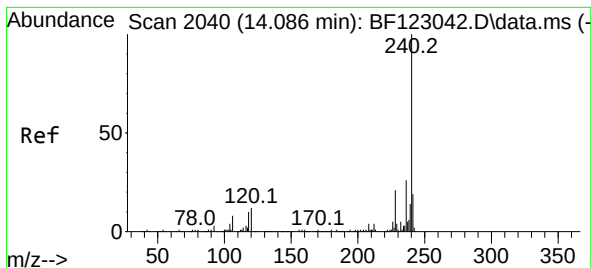
Tgt Ion:198 Resp: 1107
Ion Ratio Lower Upper
198 100
51 192.4 20.3 60.3#
105 220.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Tgt Ion:248 Resp: 33222
Ion Ratio Lower Upper
248 100
250 197.3 76.8 115.2#
141 462.8 59.8 89.8#

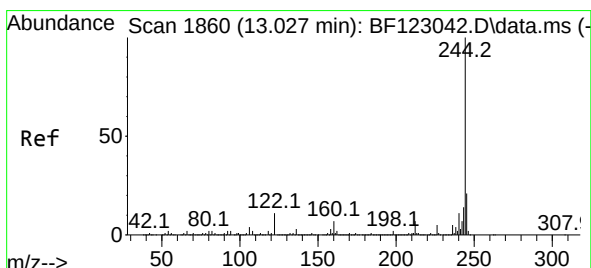
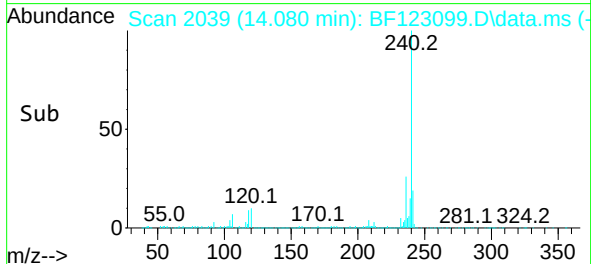
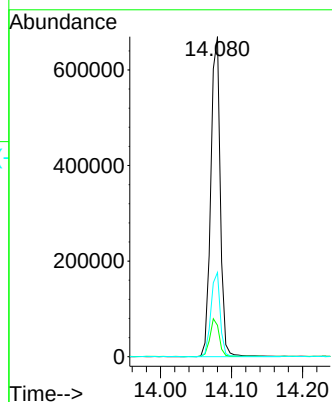
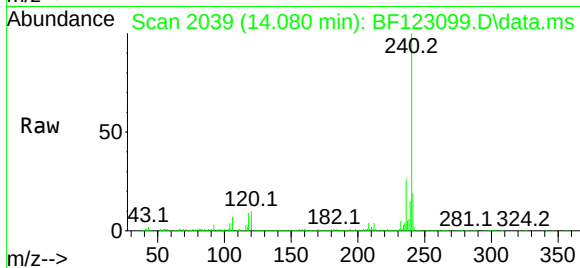




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

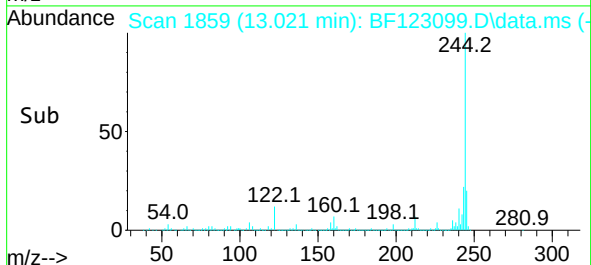
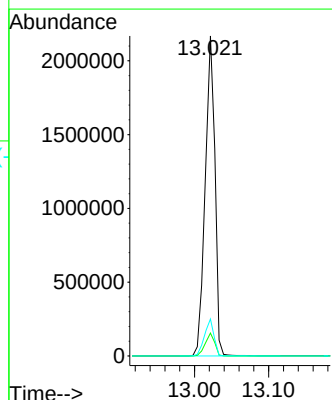
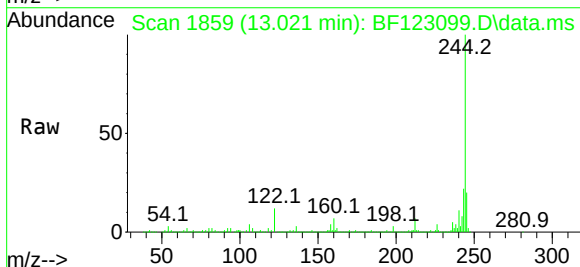
Instrument :
BNA_F
ClientSampleId :
OU421-009-0002

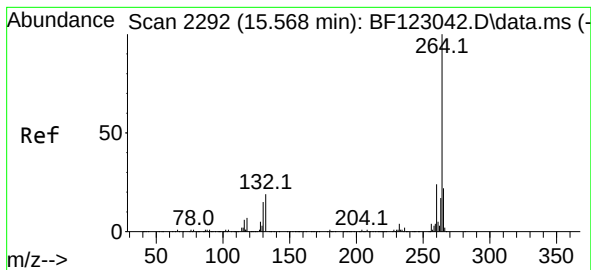
Tgt Ion:240 Resp: 623508
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 62.54 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

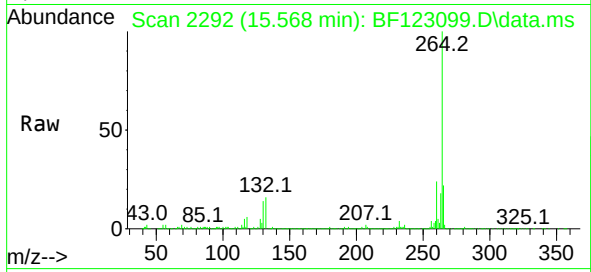
Tgt Ion:244 Resp: 1984849
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF123099.D
Acq: 3 Feb 2021 12:31

Instrument :
BNA_F
ClientSampleId :
OU421-009-0002



Tgt Ion:	264	Resp:	518945
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	22.0	17.0	25.6

