

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123070.D
 Acq On : 28 Jan 2021 20:46
 Operator : JU/CG
 Sample : M1251-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200010

Quant Time: Jan 28 23:43:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

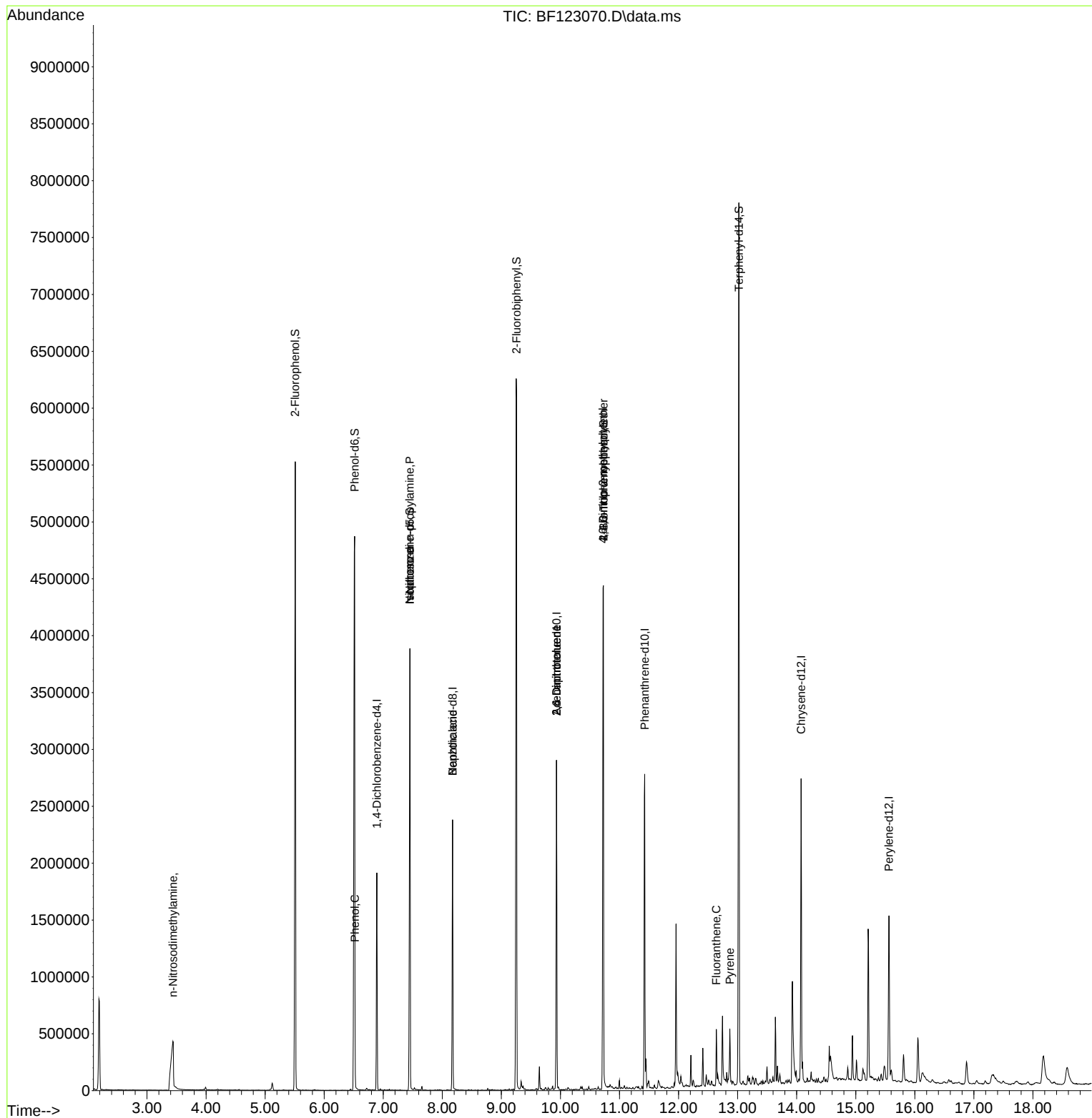
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	264110	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1027331	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	563069	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1029809	20.00	ng	0.00
76) Chrysene-d12	14.074	240	821072	20.00	ng	#-0.01
86) Perylene-d12	15.562	264	643693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1613809	94.26	ng	0.00
7) Phenol-d6	6.516	99	2039514	87.88	ng	0.00
23) Nitrobenzene-d5	7.451	82	1290021	63.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	614743	100.57	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2198249	58.04	ng	0.00
79) Terphenyl-d14	13.021	244	2490717	59.60	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.440	42	28025	2.92	ng	# 1
10) Phenol	6.522	94	47005	2.04	ng	97
19) n-Nitroso-di-n-propyla...	7.451	70	169993	12.18	ng	# 80
25) Isophorone	7.451	82	1286300	34.40	ng	# 65
32) Benzoic acid	8.175	122	157	4.93	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	72412	7.69	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	72412	5.92	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	1216	5.17	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	40605	3.10	ng	# 1
75) Fluoranthene	12.639	202	178318	2.79	ng	99
78) Pyrene	12.868	202	173707	2.80	ng	98

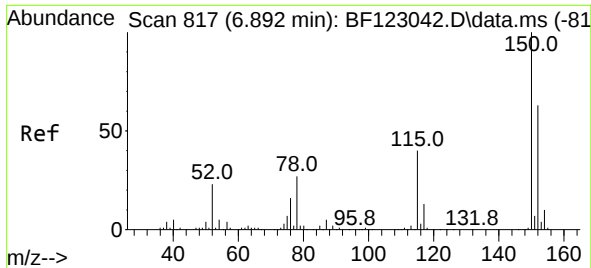
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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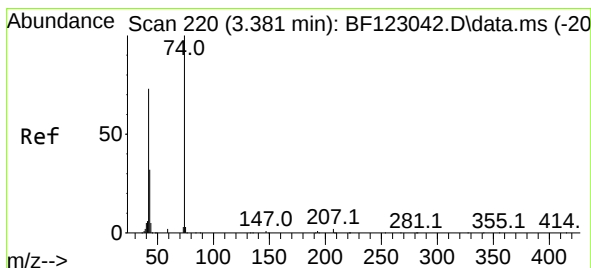
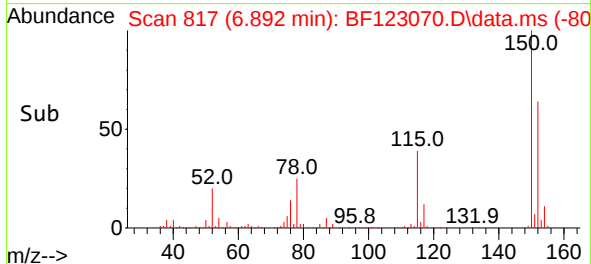
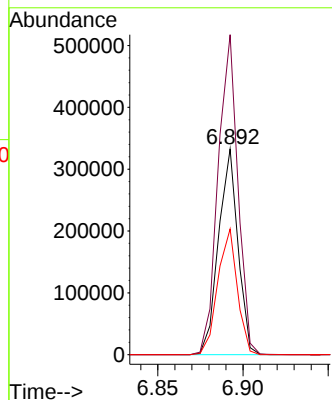
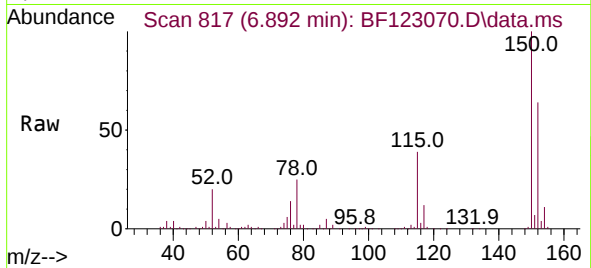




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

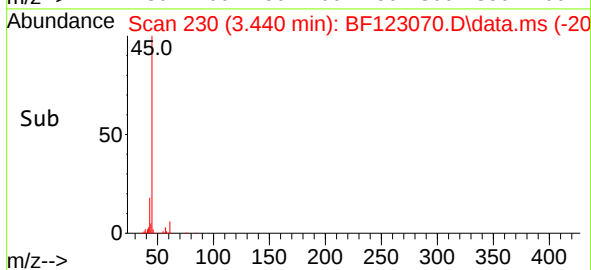
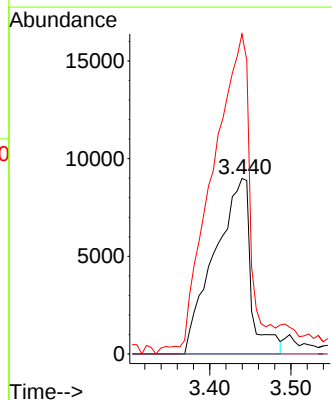
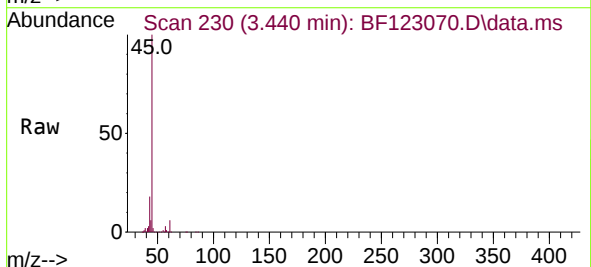
Instrument :
BNA_F
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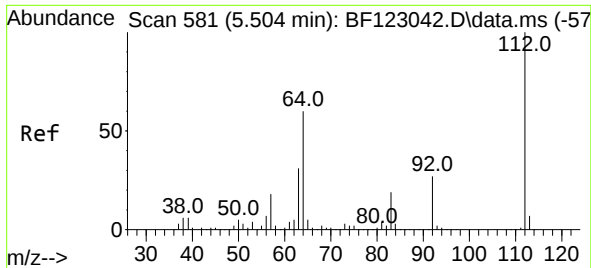
Tgt Ion:152 Resp: 264110
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 61.1 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 2.92 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.059 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion: 42 Resp: 28025
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 182.4 5.4 8.0#

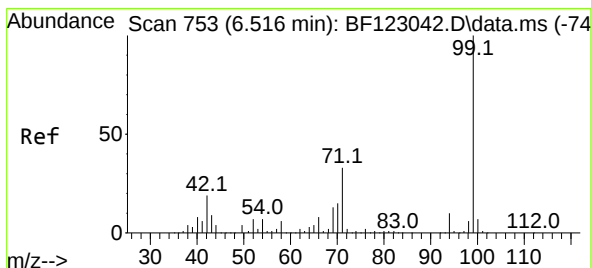
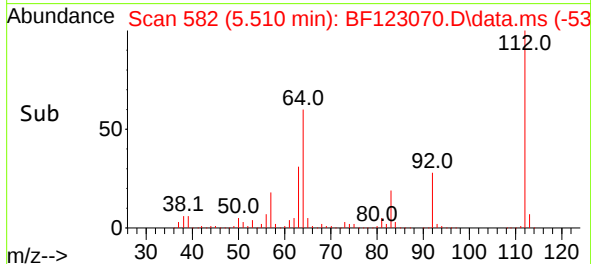
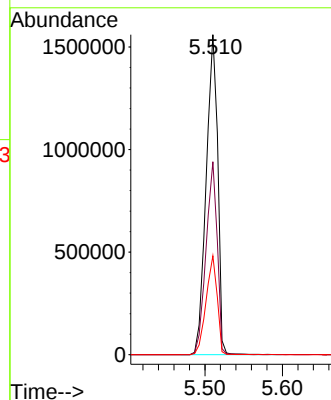
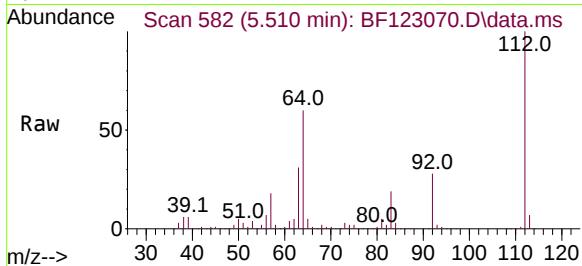




#5
2-Fluorophenol
Concen: 94.26 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

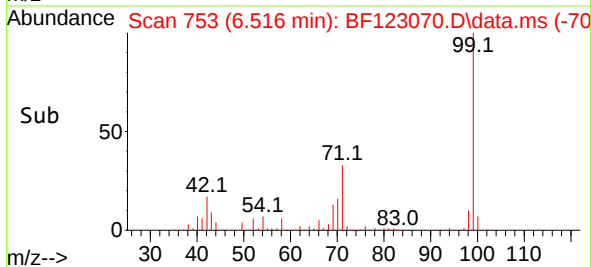
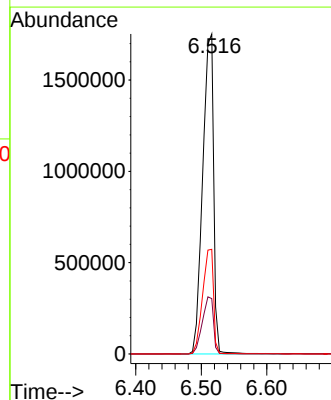
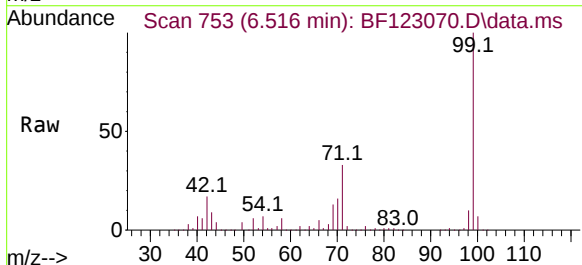
Instrument :
BNA_F
ClientSampleId :
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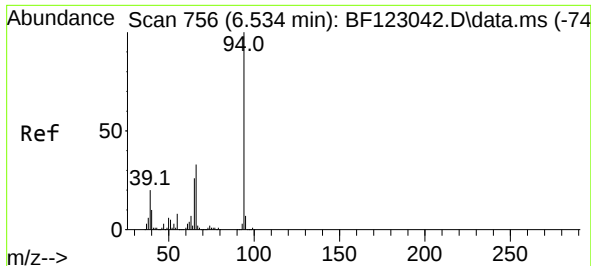
Tgt Ion:112 Resp: 1613809
Ion Ratio Lower Upper
112 100
64 60.3 46.9 70.3
63 30.9 24.5 36.7



#7
Phenol-d6
Concen: 87.88 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion: 99 Resp: 2039514
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 32.7 26.9 40.3

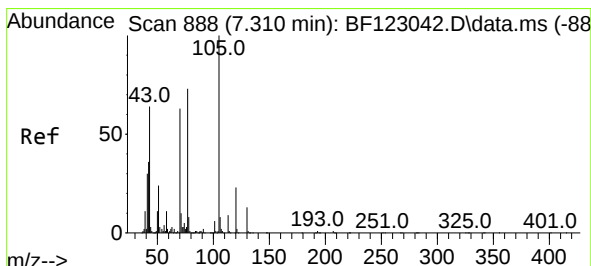
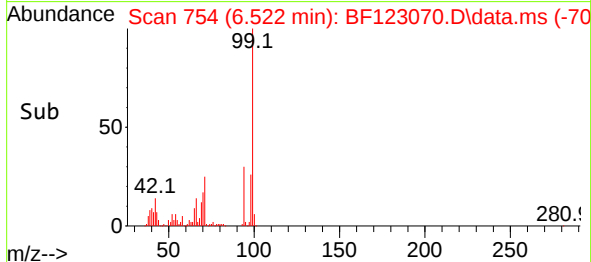
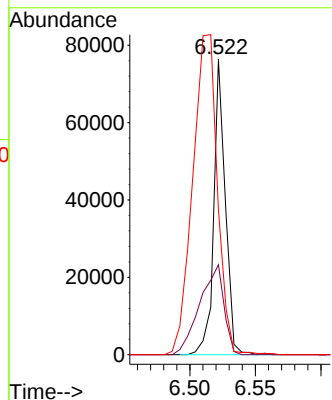
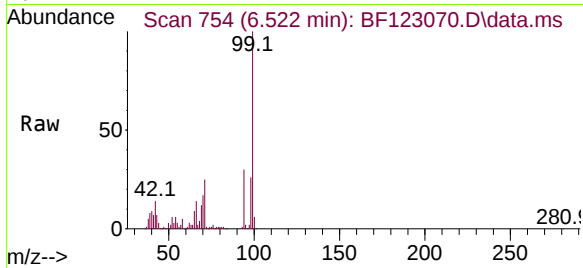




#10
Phenol
Concen: 2.04 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

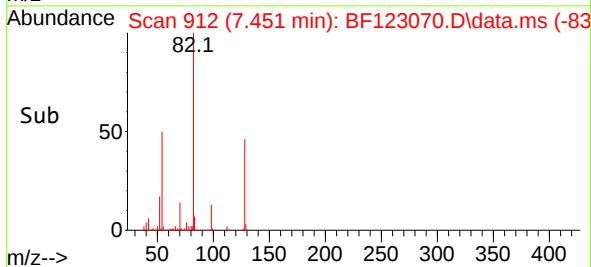
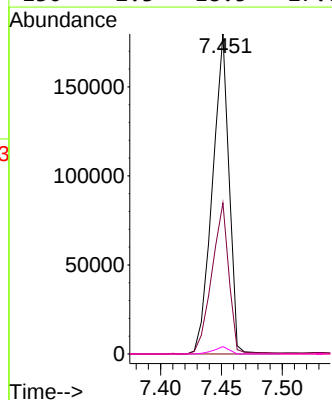
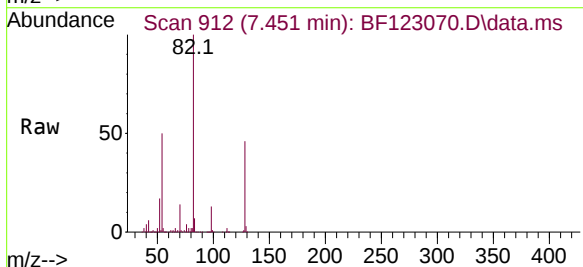
Instrument :
BNA_F
ClientSampleId :
200010

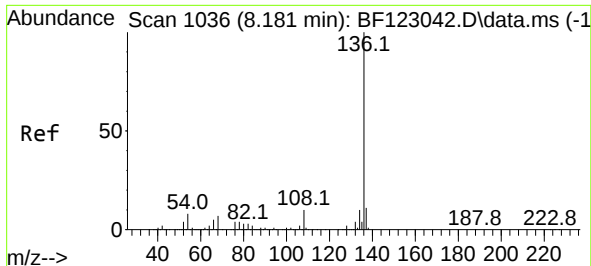
Tgt Ion: 94 Resp: 47005
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 48.9 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.18 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

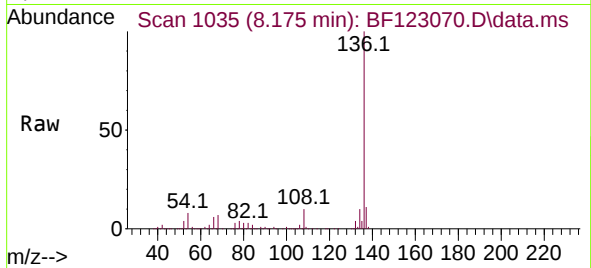
Tgt Ion: 70 Resp: 169993
Ion Ratio Lower Upper
70 100
42 47.2 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#





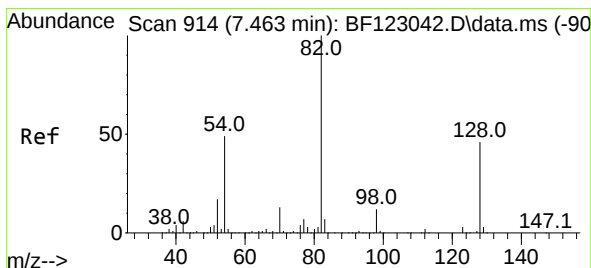
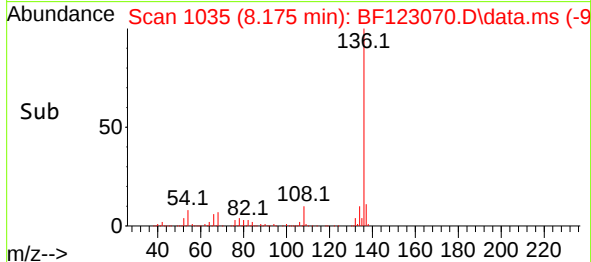
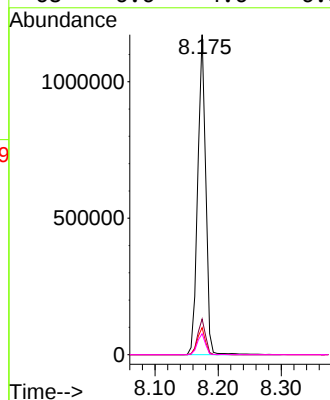
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Instrument :
BNA_F
ClientSampleId :
200010



Tgt Ion:136 Resp: 1027331

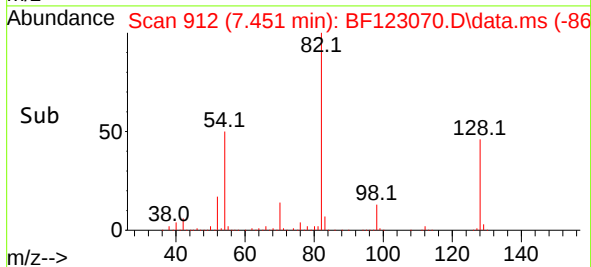
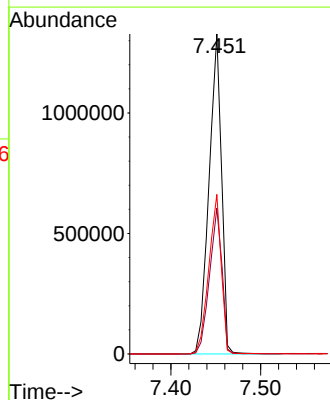
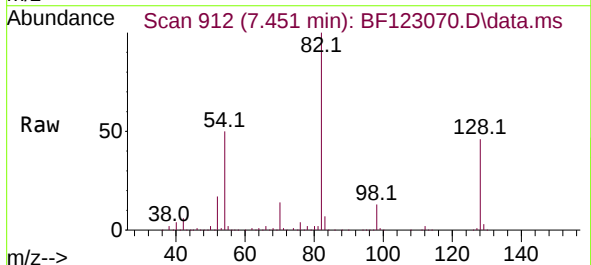
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.4	5.5	8.3#
68	6.6	4.6	6.8

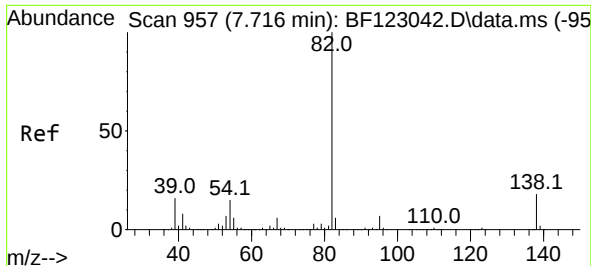


#23
Nitrobenzene-d5
Concen: 63.20 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion: 82 Resp: 1290021

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.0	55.4
54	49.8	38.4	57.6

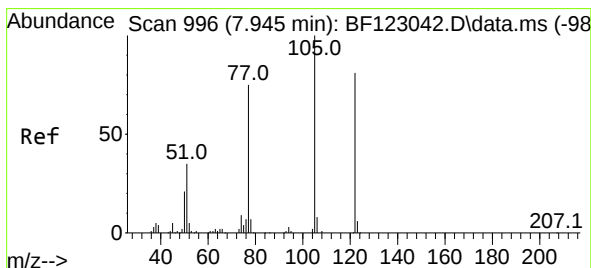
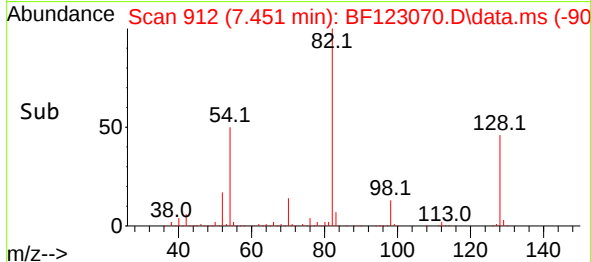
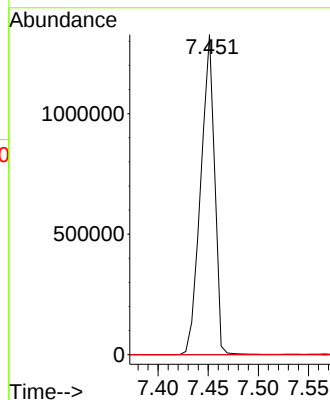
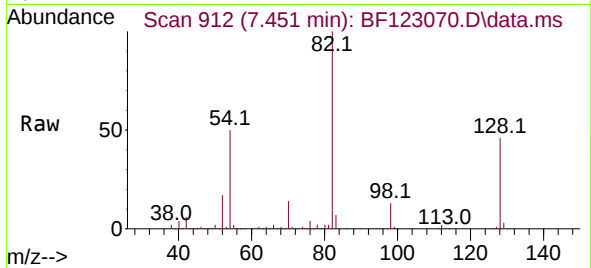




#25
Isophorone
Concen: 34.40 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

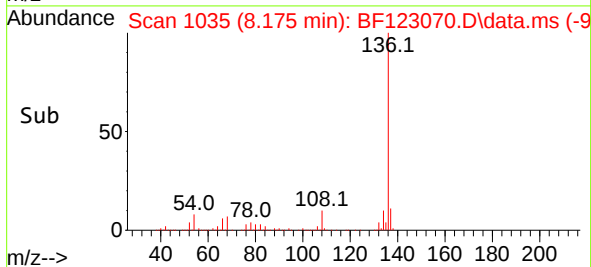
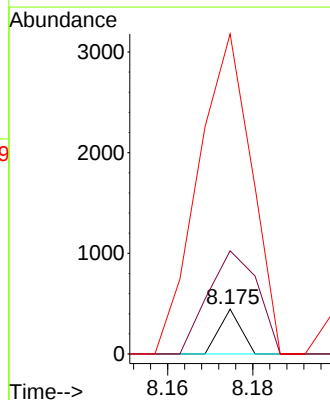
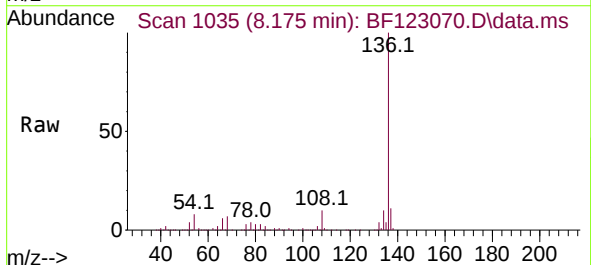
Instrument :
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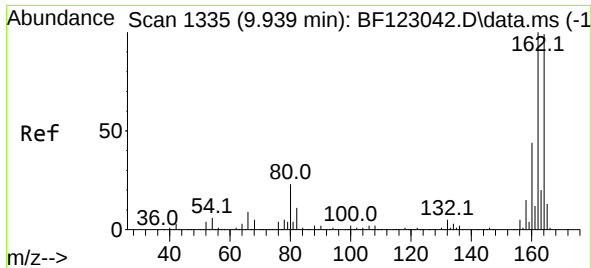
Tgt Ion: 82 Resp: 1286300
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:122 Resp: 157
Ion Ratio Lower Upper
122 100
105 230.3 104.8 144.8#
77 714.4 71.0 111.0#

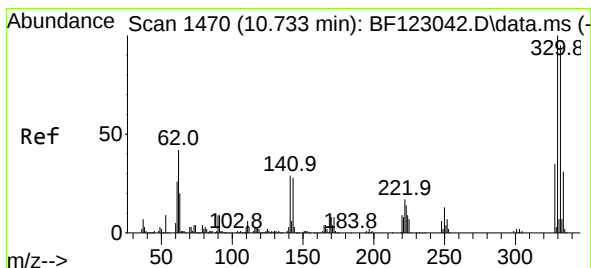
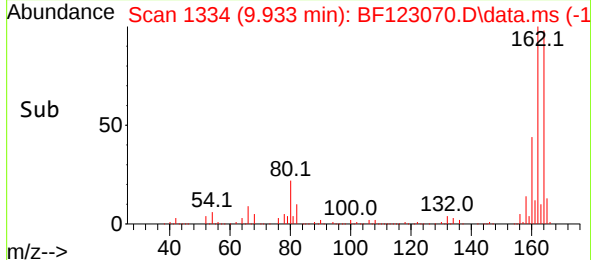
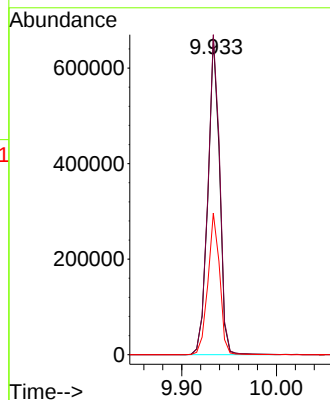
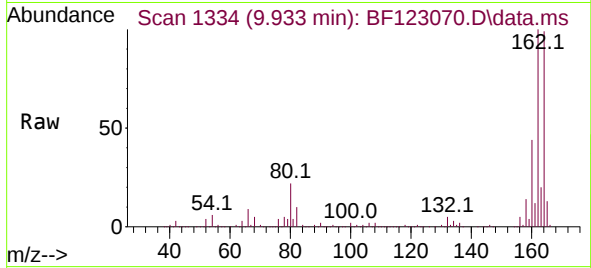




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

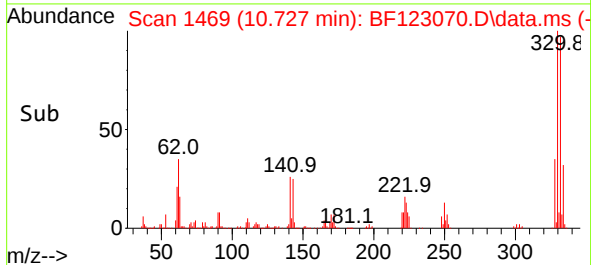
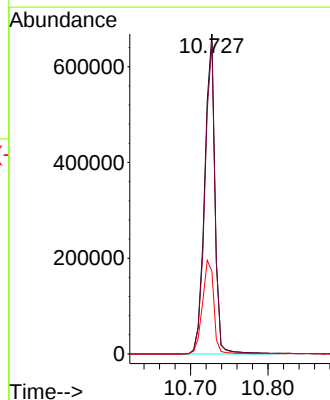
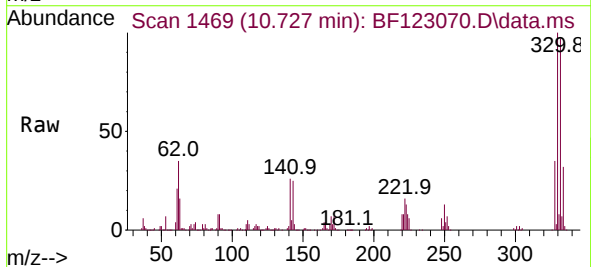
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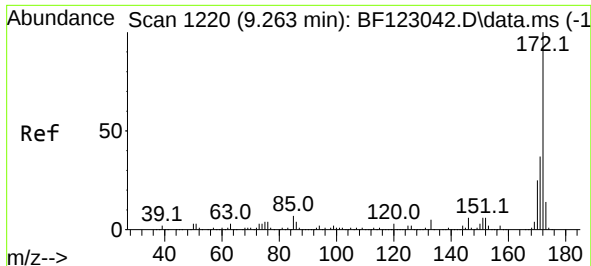
Tgt Ion:164 Resp: 563069
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 100.57 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:330 Resp: 614743
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 32.5 23.8 35.8

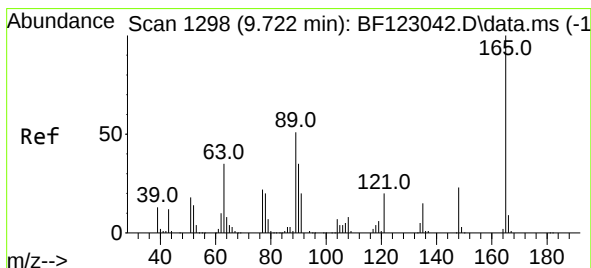
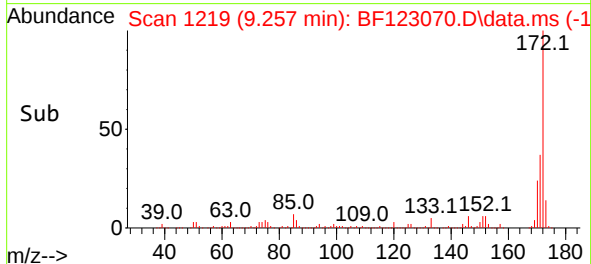
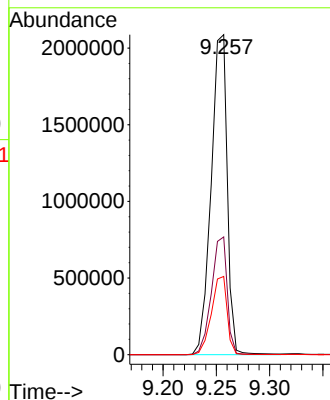
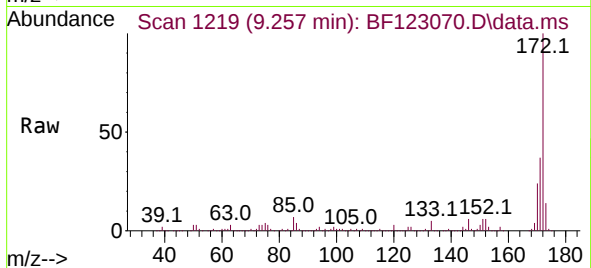




#45
2-Fluorobiphenyl
Concen: 58.04 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

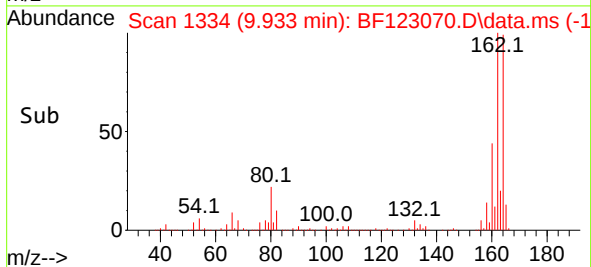
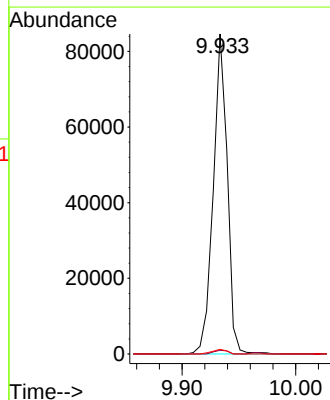
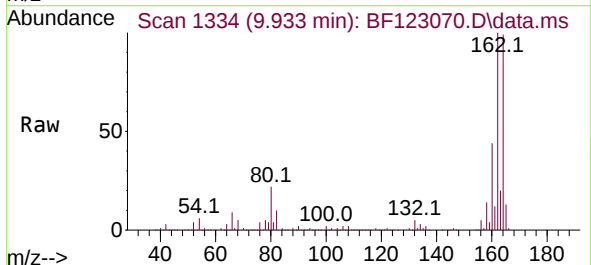
Instrument :
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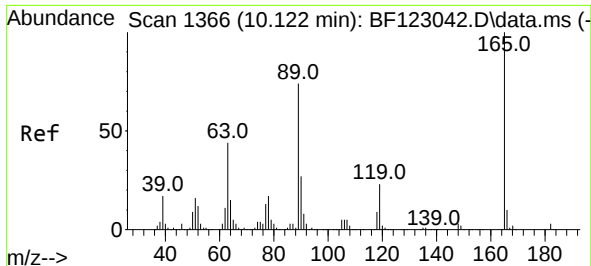
Tgt Ion:172 Resp: 2198249
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.5 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:165 Resp: 72412
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.5 39.4 59.0#

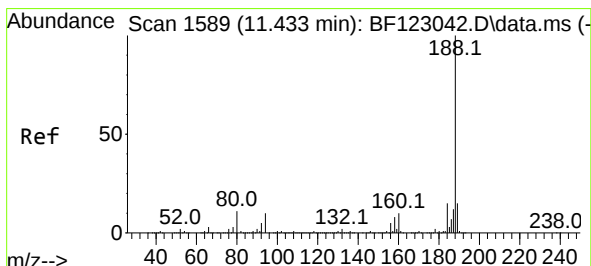
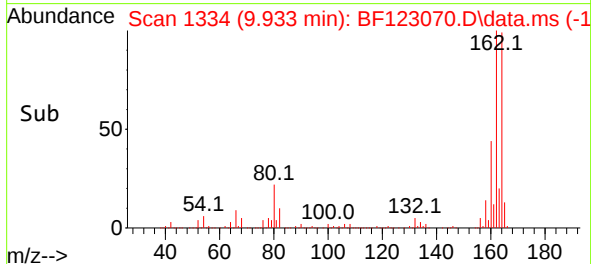
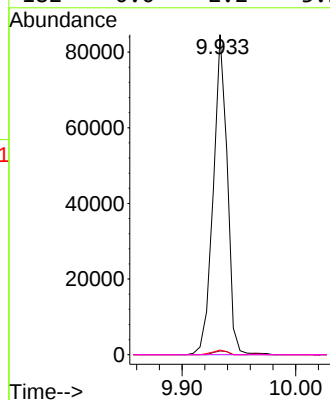
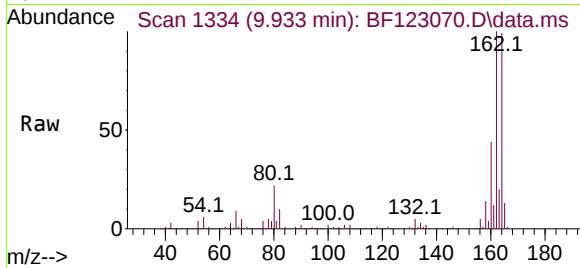




#57
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

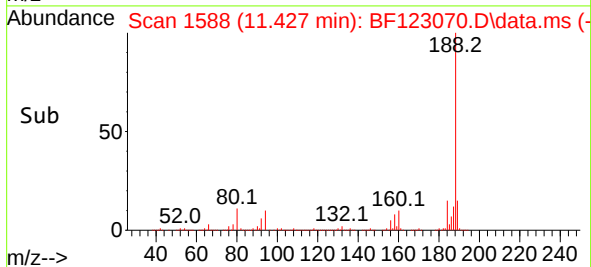
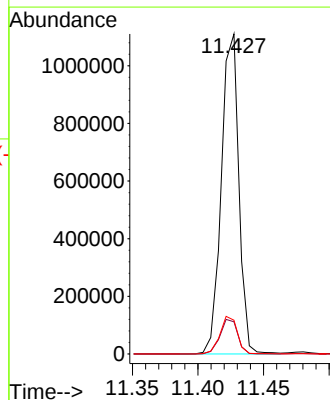
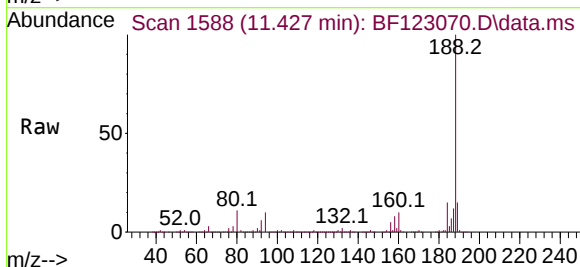
Instrument :
BNA_F
ClientSampleId :
200010

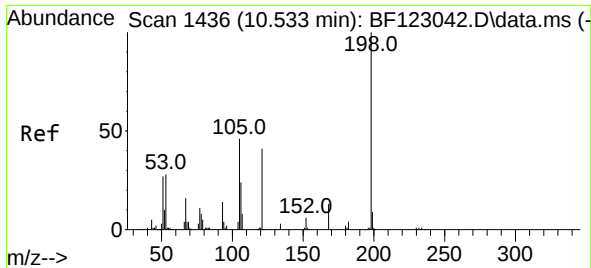
Tgt Ion:165	Resp:	72412
Ion Ratio	Lower	Upper
165	100	
63	1.1	34.3 51.5#
89	1.5	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:188	Resp:	1029809
Ion Ratio	Lower	Upper
188	100	
94	10.1	7.4 11.2
80	10.5	8.2 12.4

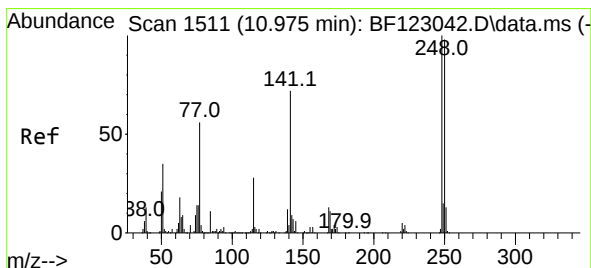
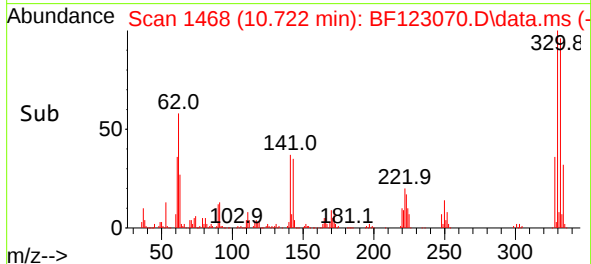
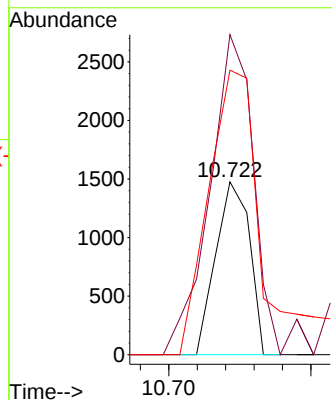
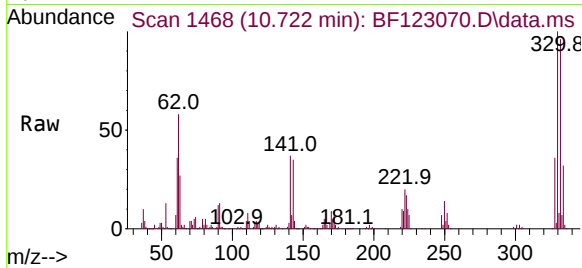




#65
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

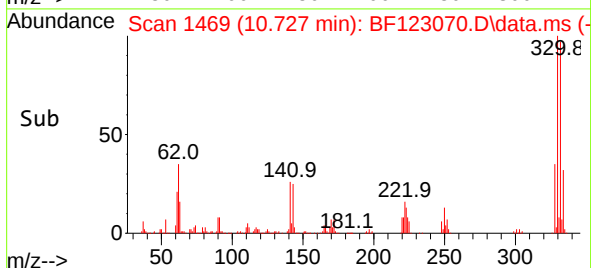
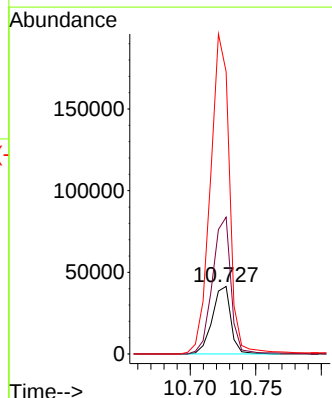
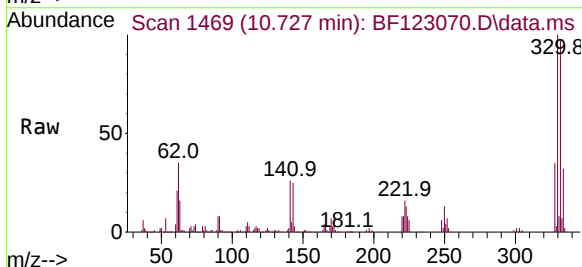
Instrument :
BNA_F
ClientSampleId :
200010

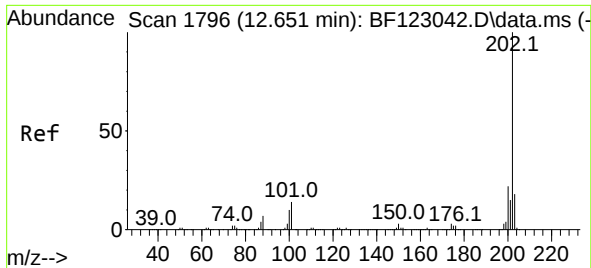
Tgt Ion:198 Resp: 1216
Ion Ratio Lower Upper
198 100
51 185.2 20.3 60.3#
105 164.7 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:248 Resp: 40605
Ion Ratio Lower Upper
248 100
250 202.8 76.8 115.2#
141 418.2 59.8 89.8#

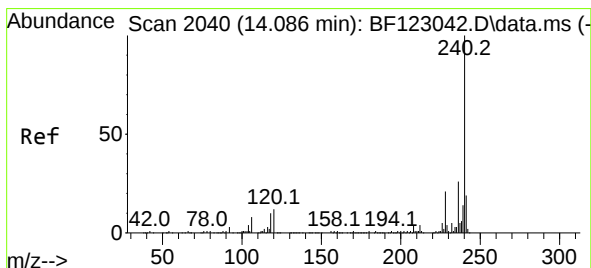
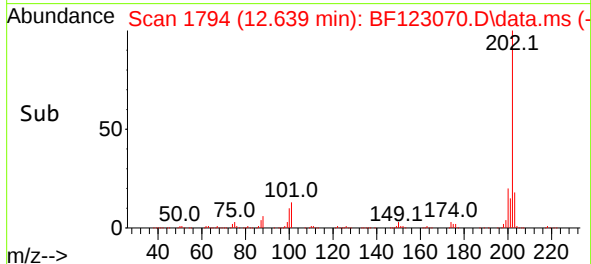
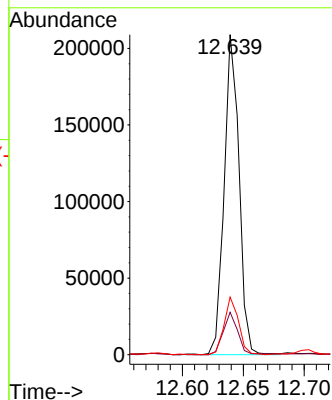
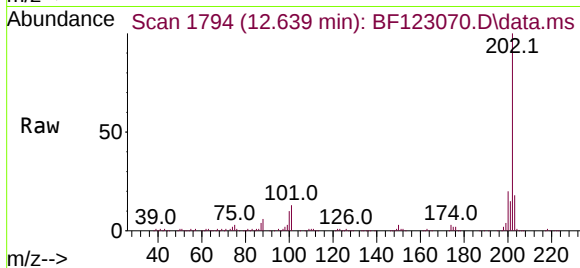




#75
Fluoranthene
Concen: 2.79 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

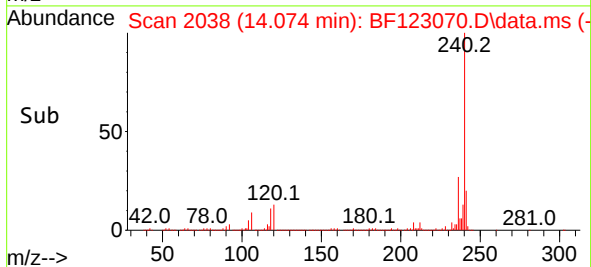
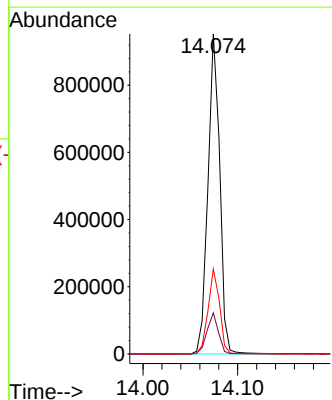
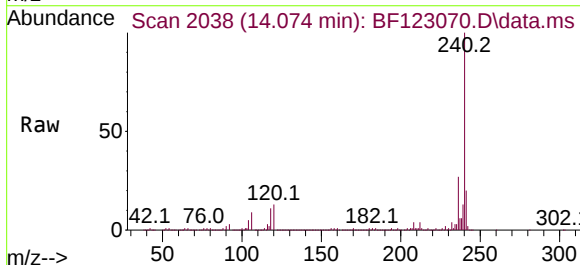
Instrument :
BNA_F
ClientSampleId :
200010

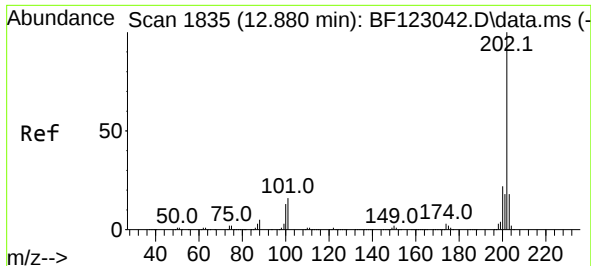
Tgt Ion:202 Resp: 178318
Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.2
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:240 Resp: 821072
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 26.6 20.3 30.5

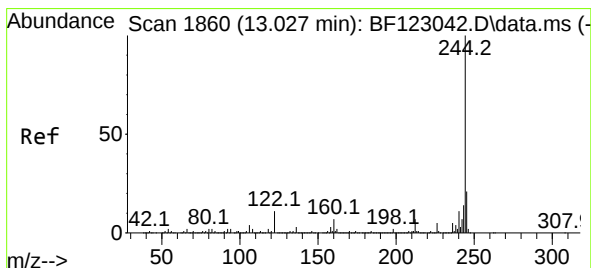
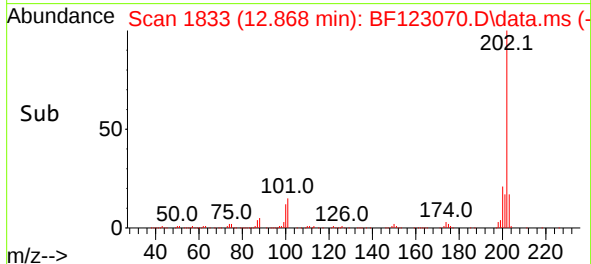
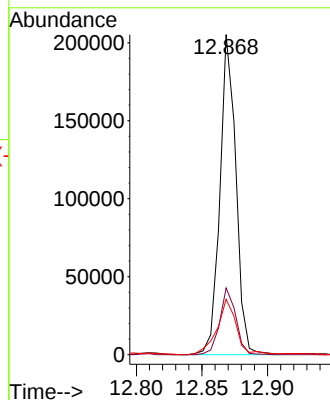
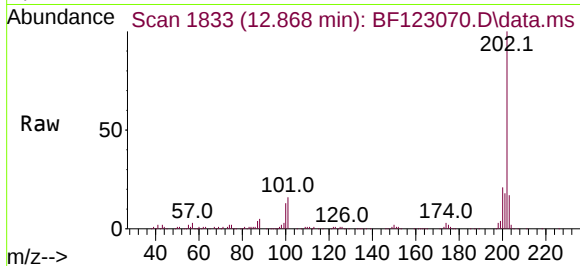




#78
Pyrene
Concen: 2.80 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

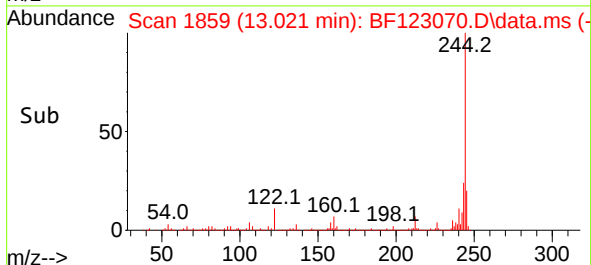
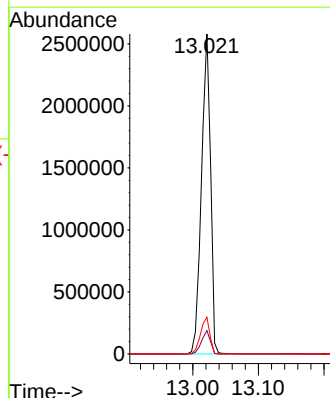
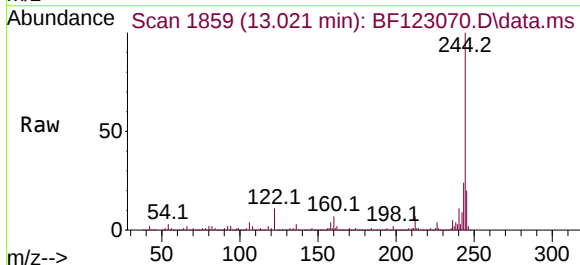
Instrument :
BNA_F
ClientSampleId :
200010

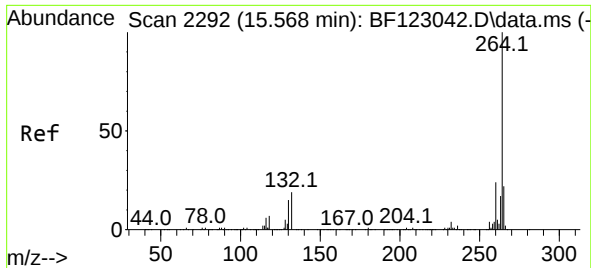
Tgt Ion:202 Resp: 173707
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.3 14.6 21.8



#79
Terphenyl-d14
Concen: 59.60 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123070.D
Acq: 28 Jan 2021 20:46

Tgt Ion:244 Resp: 2490717
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.4 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: BF123070.D
 Acq: 28 Jan 2021 20:46

Instrument :
 BNA_F
 ClientSampleId :
 200010

Tgt Ion:264 Resp: 643693
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.0 17.0 25.6

