

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122980.D
 Acq On : 18 Jan 2021 10:18
 Operator : JU/CG
 Sample : PB134164BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134164BL

Quant Time: Jan 18 11:58:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:28:32 2021
 Response via : Initial Calibration

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

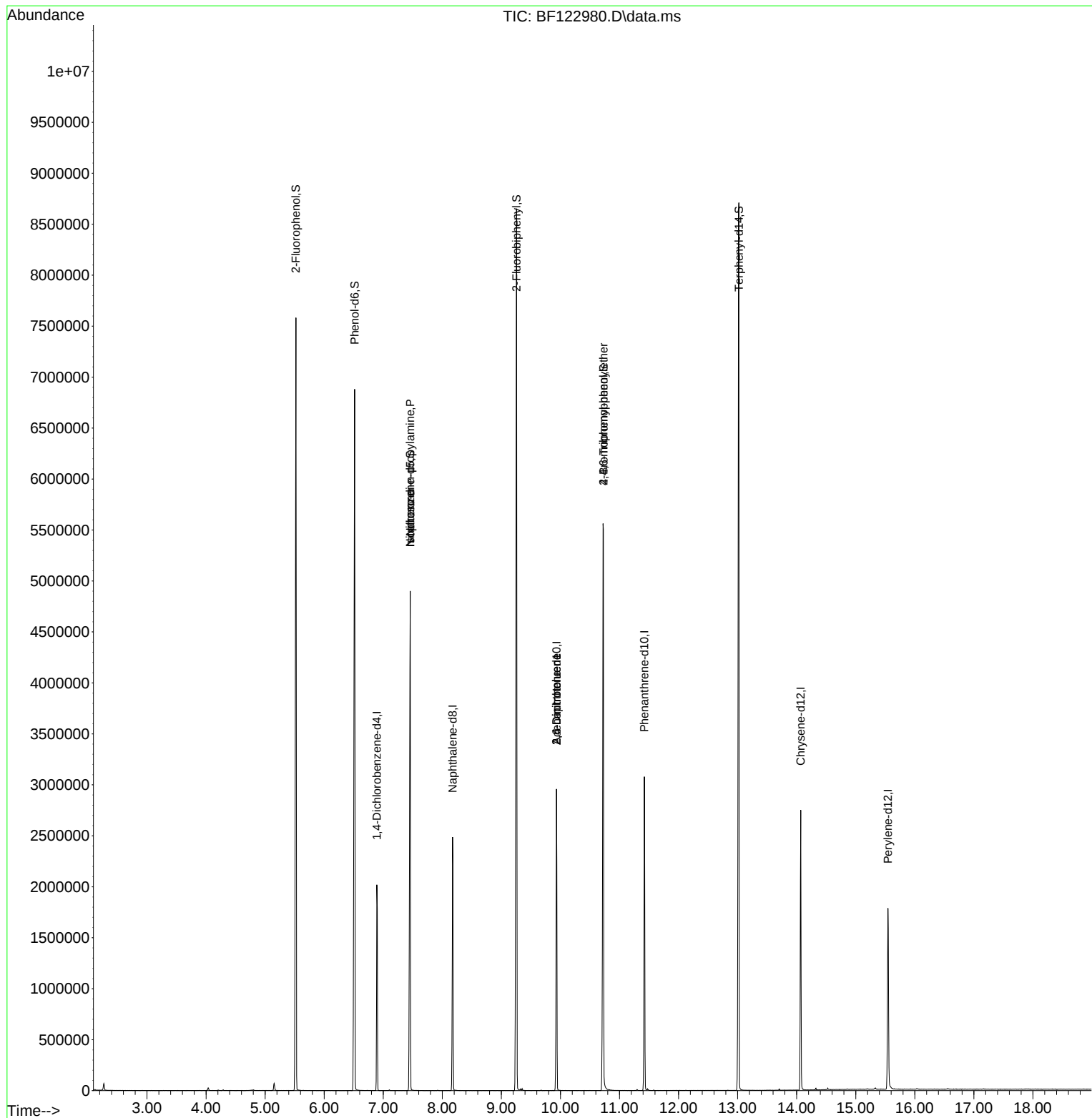
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	300965	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1231983	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	630125	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	1072405	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	863257	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	805431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2233103	112.16	ng	0.01
7) Phenol-d6	6.516	99	2824643	105.56	ng	0.00
23) Nitrobenzene-d5	7.457	82	1774852	74.14	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	812461	114.02	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3052962	67.84	ng	0.00
79) Terphenyl-d14	13.021	244	3077862	65.37	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	4130	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	237984	15.01	ng	# 81
25) Isophorone	7.457	82	1770926	41.46	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	80739	7.55	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	80739	5.87	ng	# 25
67) 4-Bromophenyl-phenylether	10.728	248	50231	3.83	ng	# 1

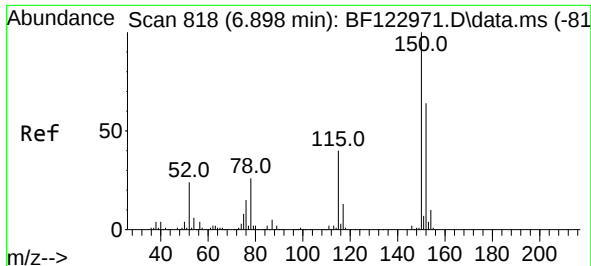
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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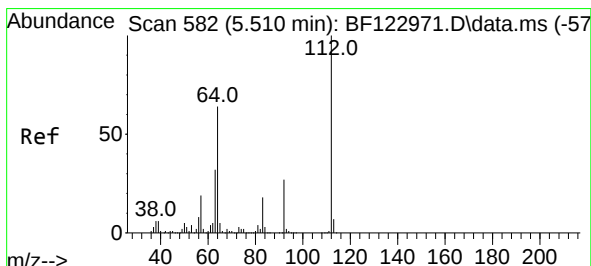
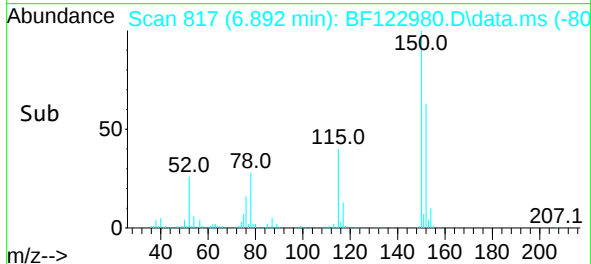
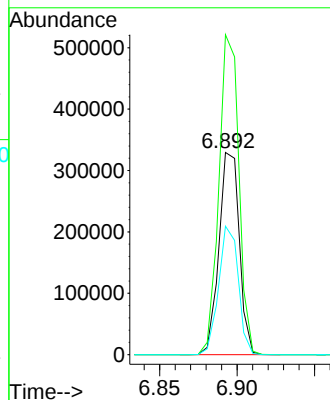
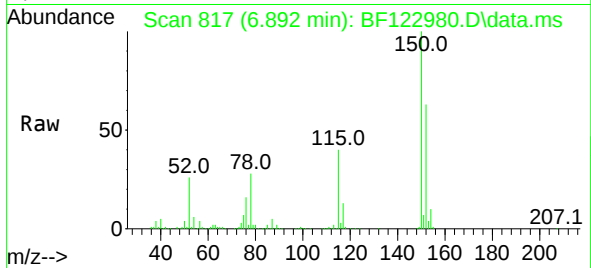




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

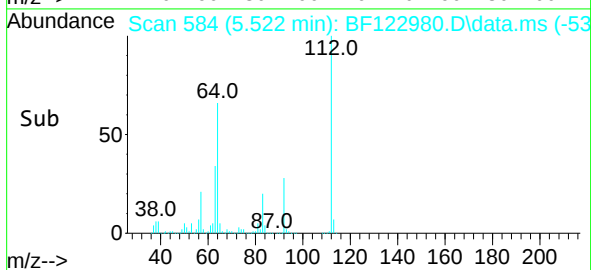
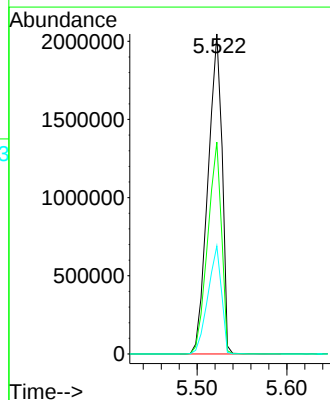
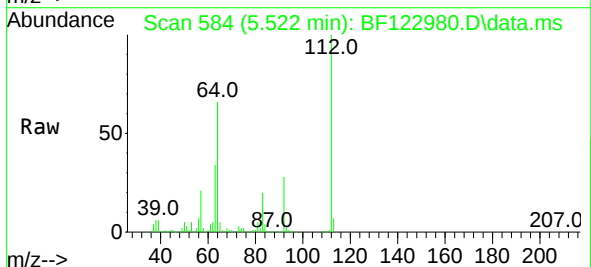
Instrument :
BNA_F
ClientSampleId :
PB134164BL

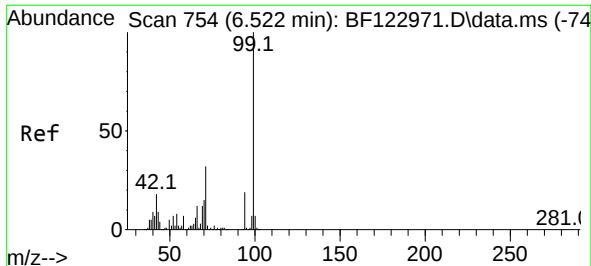
Tgt Ion:152 Resp: 300965
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 63.6 49.3 73.9



#5
2-Fluorophenol
Concen: 112.16 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion:112 Resp: 2233103
Ion Ratio Lower Upper
112 100
64 66.2 46.9 70.3
63 33.8 24.5 36.7

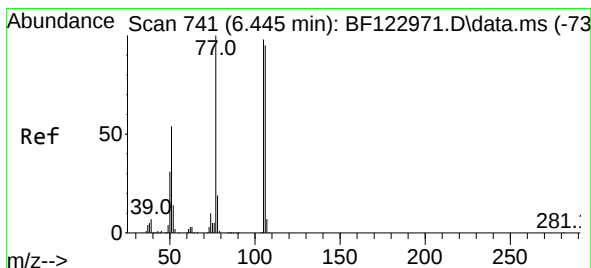
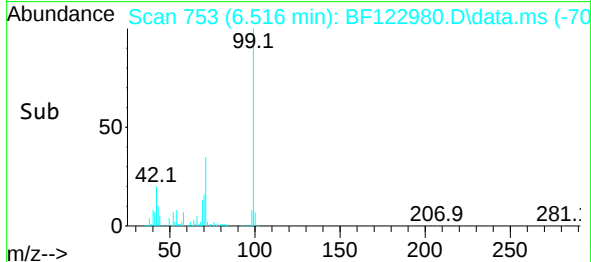
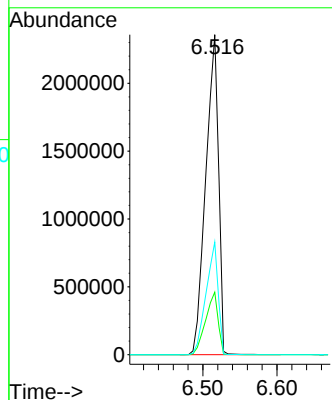
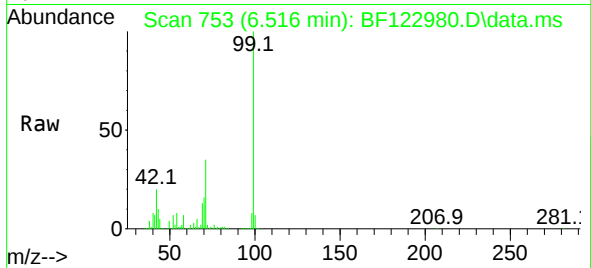




#7
Phenol-d6
Concen: 105.56 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

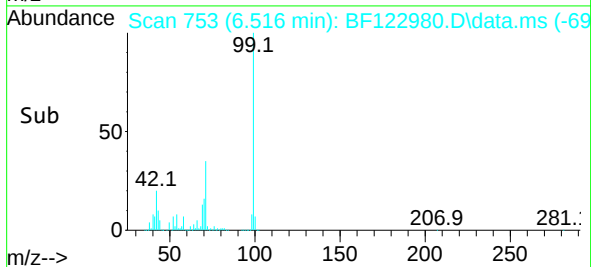
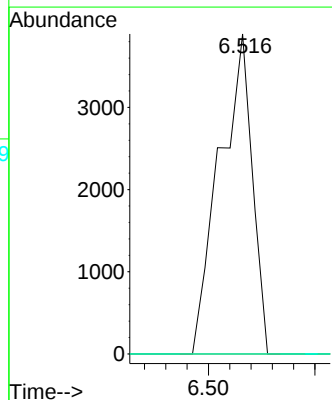
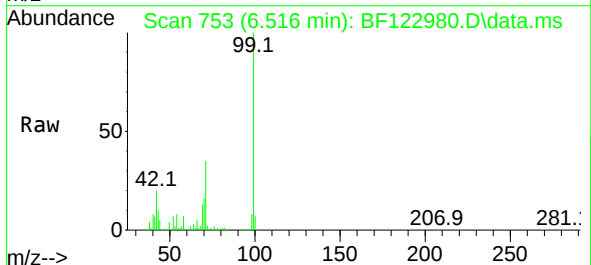
Instrument :
BNA_F
ClientSampleId :
PB134164BL

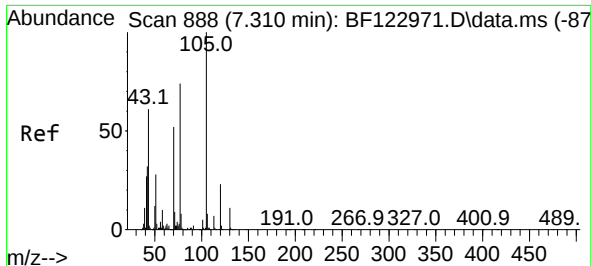
Tgt Ion: 99 Resp: 2824643
Ion Ratio Lower Upper
99 100
42 19.5 13.8 20.6
71 35.2 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.071 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

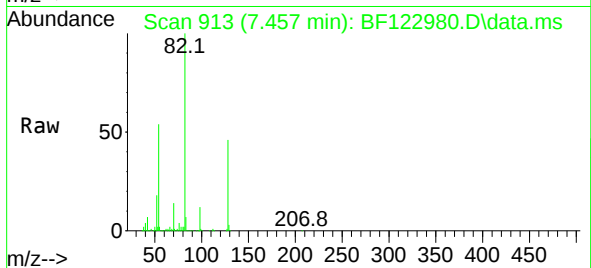
Tgt Ion: 77 Resp: 4130
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#



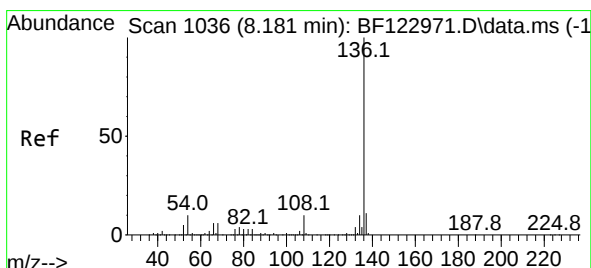
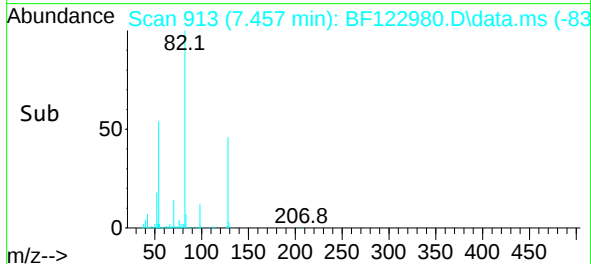
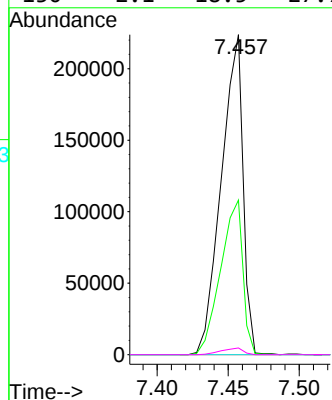


#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Instrument :
BNA_F
ClientSampleId :
PB134164BL

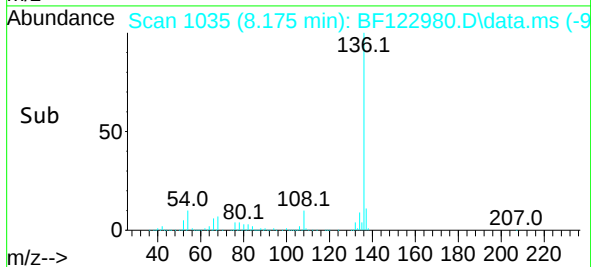
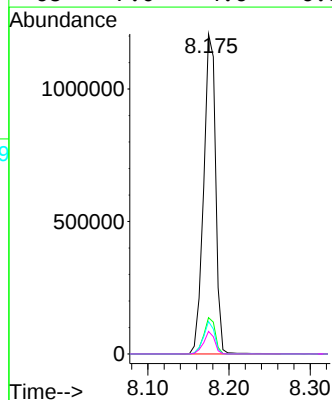
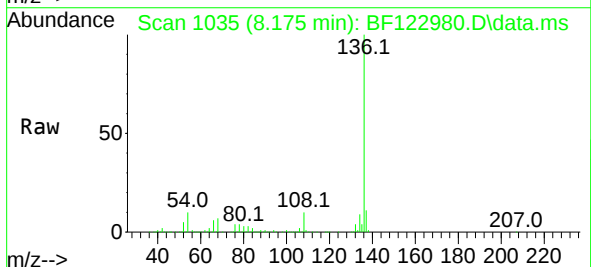


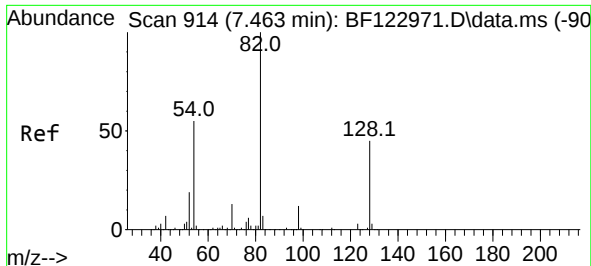
Tgt Ion: 70 Resp: 237984
Ion Ratio Lower Upper
70 100
42 48.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion: 136 Resp: 1231983
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.1 5.5 8.3#
68 7.0 4.6 6.8#

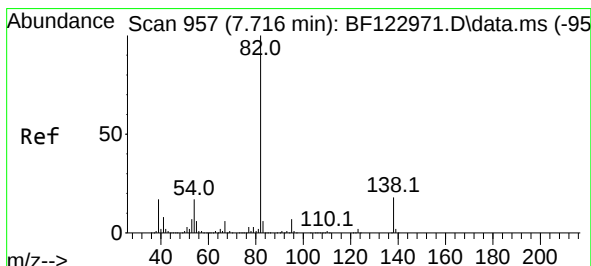
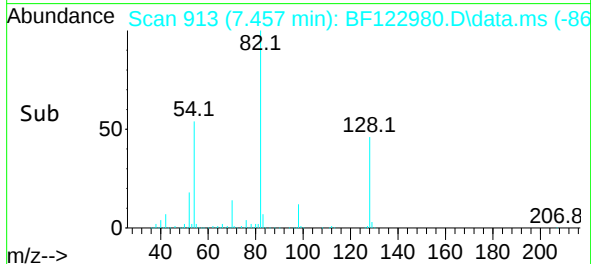
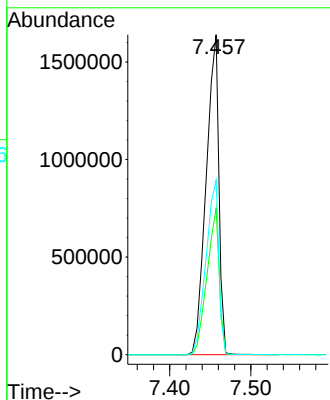
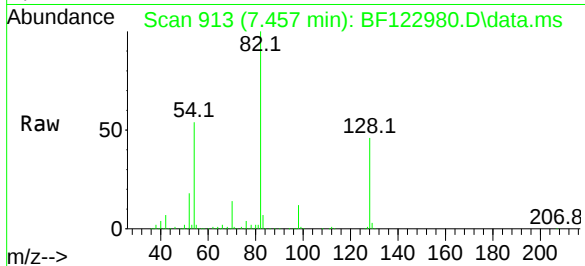




#23
Nitrobenzene-d5
Concen: 74.14 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

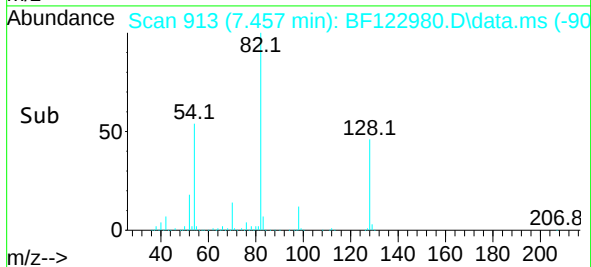
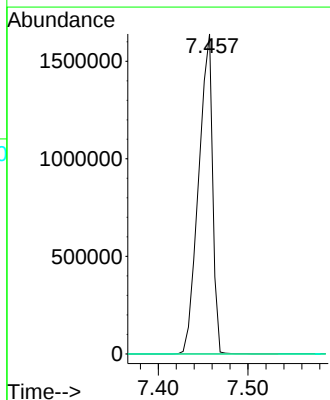
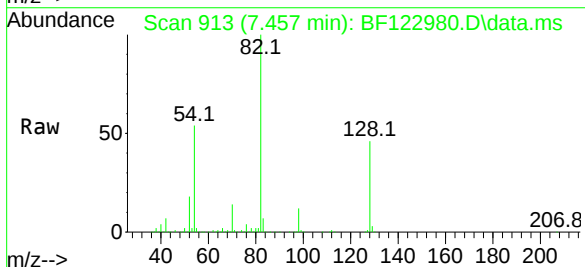
Instrument :
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ClientSampleId :
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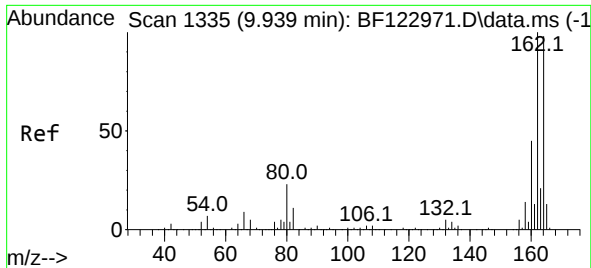
Tgt Ion: 82 Resp: 1774852
Ion Ratio Lower Upper
82 100
128 45.7 37.0 55.4
54 54.5 38.4 57.6



#25
Isophorone
Concen: 41.46 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion: 82 Resp: 1770926
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

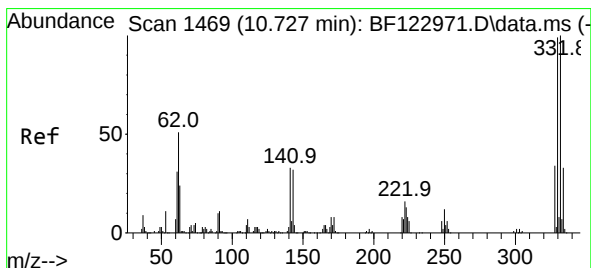
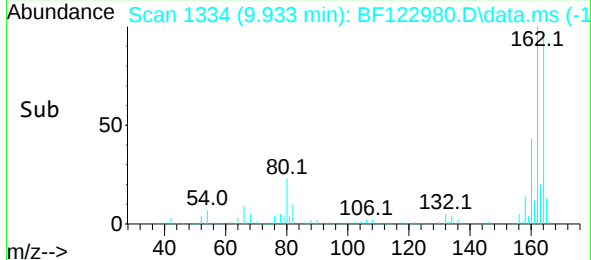
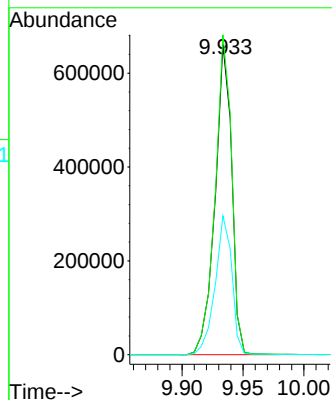
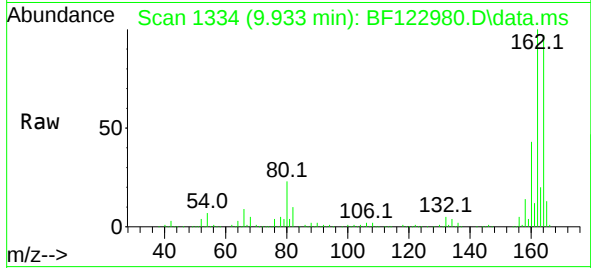




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

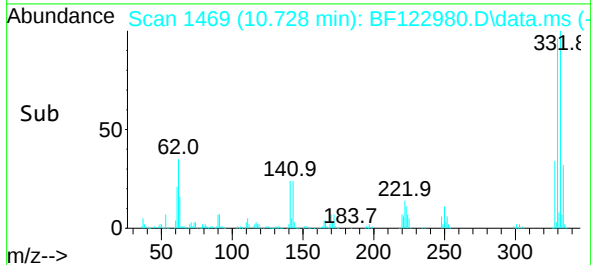
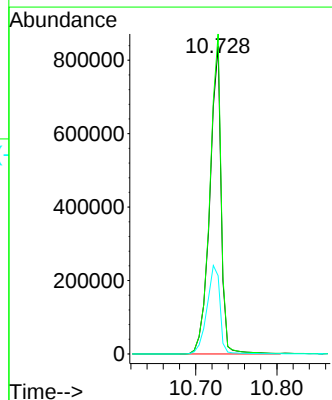
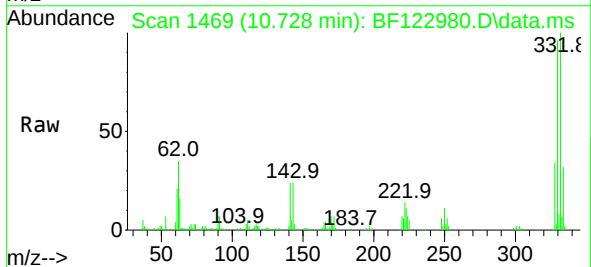
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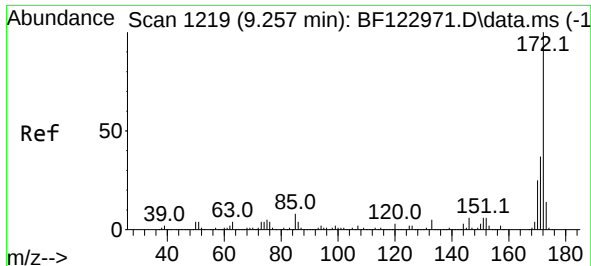
Tgt Ion:164 Resp: 630125
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 114.02 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.001 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion:330 Resp: 812461
Ion Ratio Lower Upper
330 100
332 103.8 77.5 116.3
141 33.0 23.8 35.8

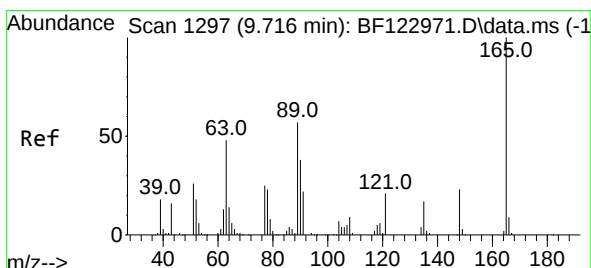
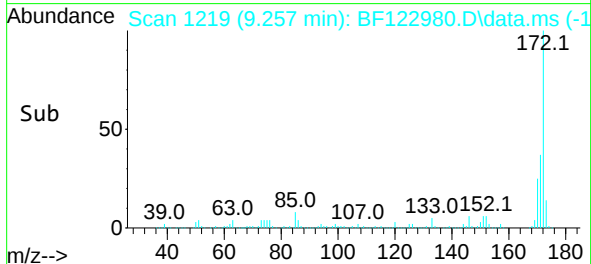
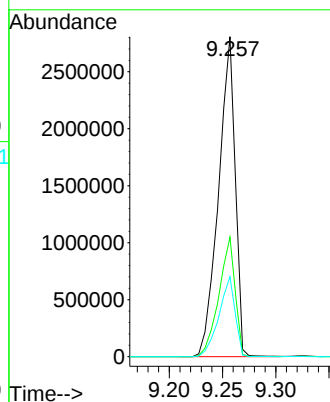
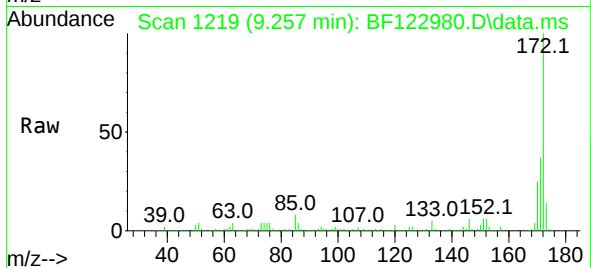




#45
2-Fluorobiphenyl
Concen: 67.84 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

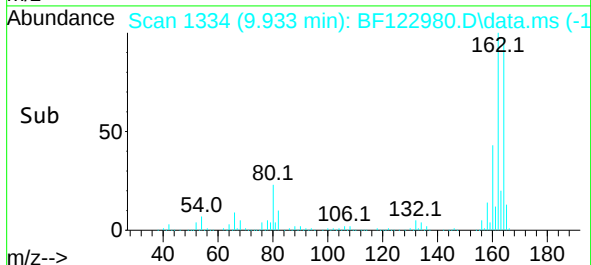
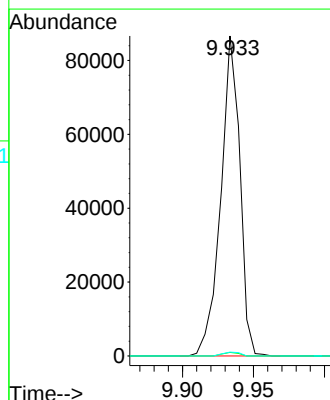
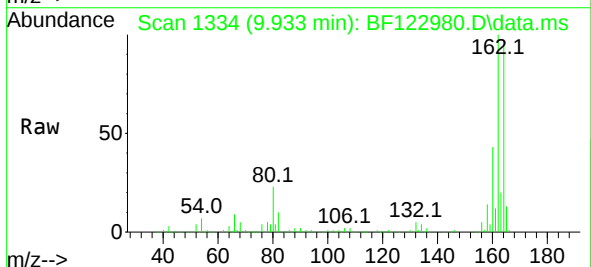
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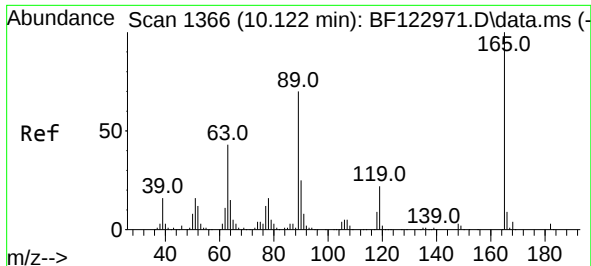
Tgt Ion:172 Resp: 3052962
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

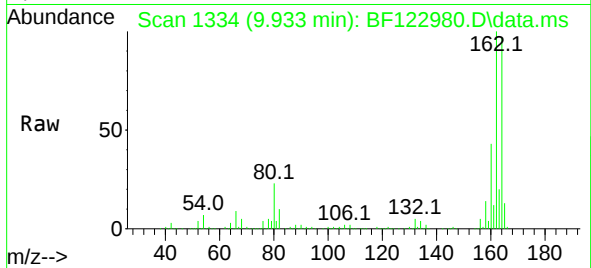
Tgt Ion:165 Resp: 80739
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#



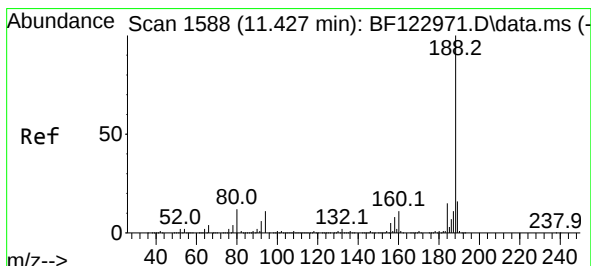
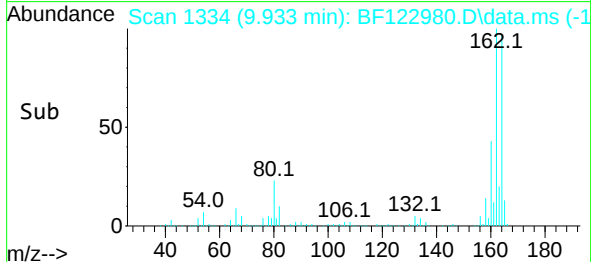
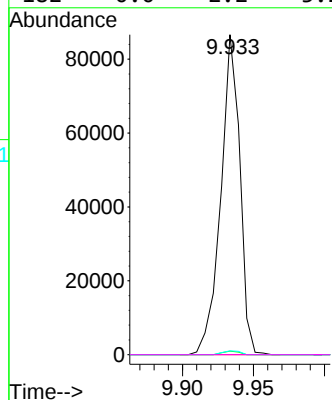


#57
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Instrument :
BNA_F
ClientSampleId :
PB134164BL

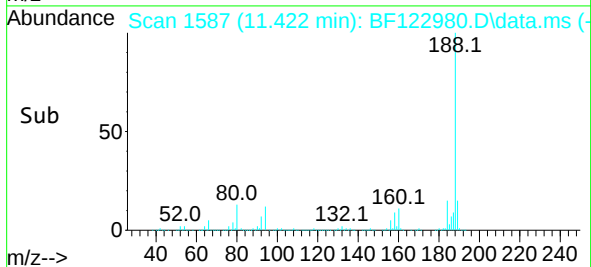
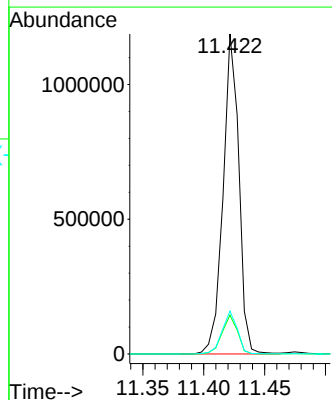
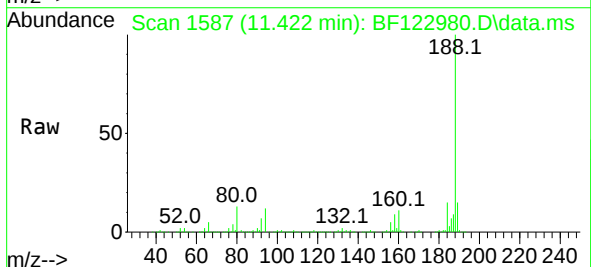


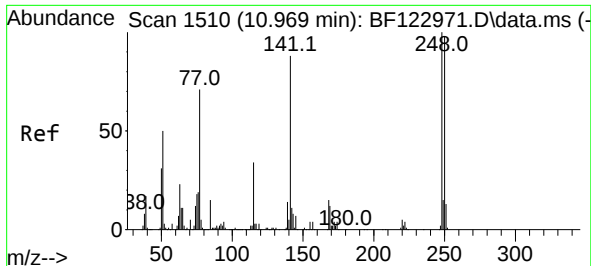
Tgt Ion:165 Resp: 80739
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion:188 Resp: 1072405
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 13.4 8.2 12.4#

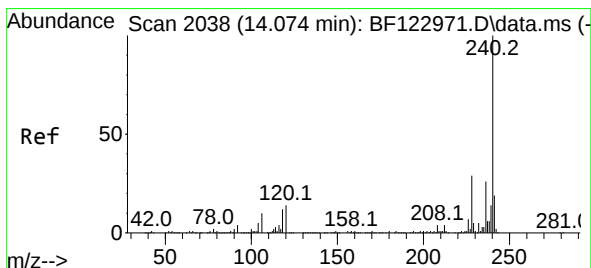
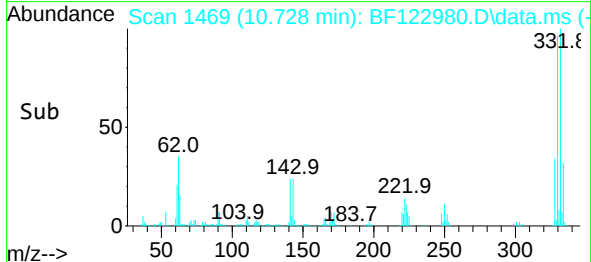
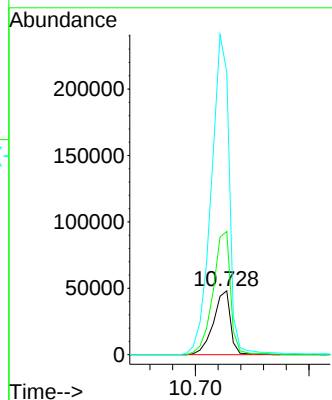
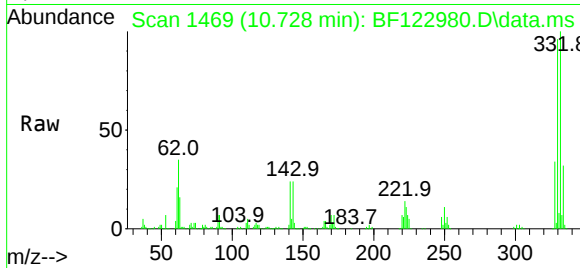




#67
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

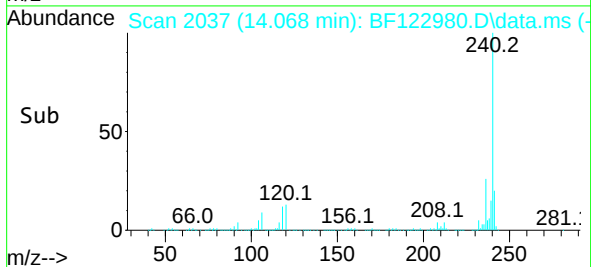
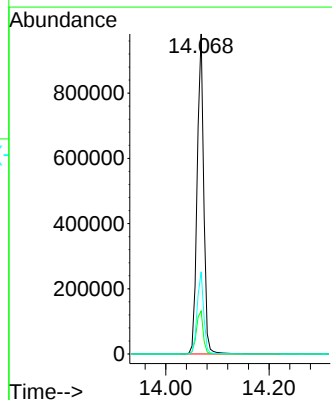
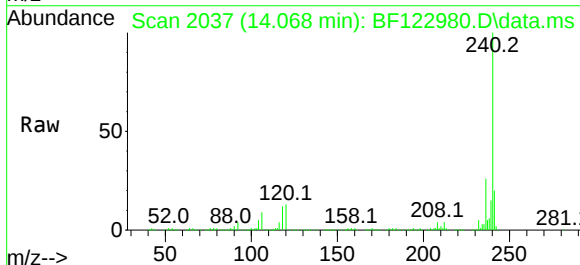
Instrument :
BNA_F
ClientSampleId :
PB134164BL

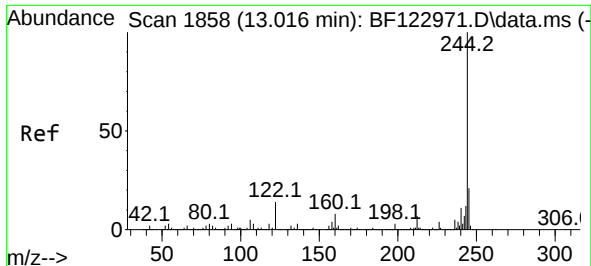
Tgt Ion:248 Resp: 50231
Ion Ratio Lower Upper
248 100
250 192.9 76.8 115.2#
141 443.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion:240 Resp: 863257
Ion Ratio Lower Upper
240 100
120 13.4 8.6 12.8#
236 25.7 20.3 30.5

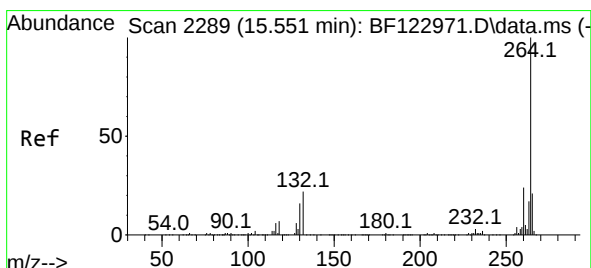
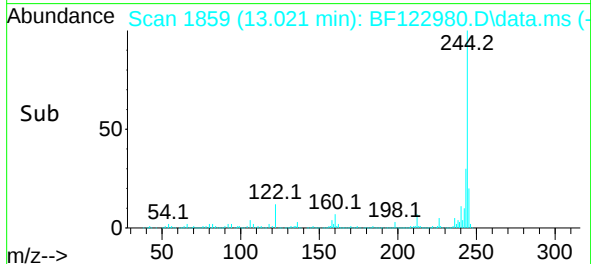
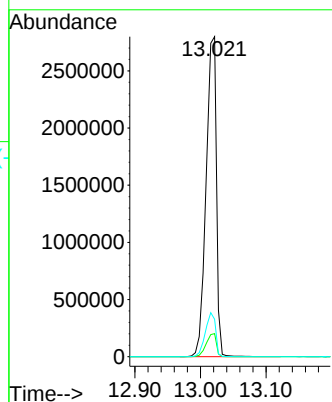
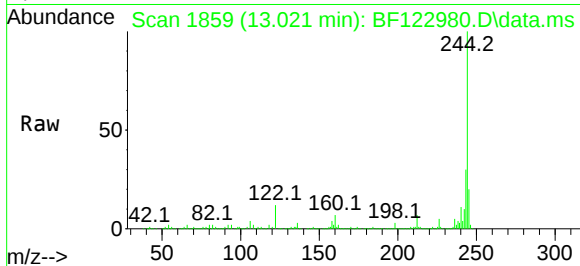




#79
Terphenyl-d14
Concen: 65.37 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.005 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Instrument :
BNA_F
ClientSampleId :
PB134164BL

Tgt Ion:244 Resp: 3077862
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF122980.D
Acq: 18 Jan 2021 10:18

Tgt Ion:264 Resp: 805431
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.5 17.0 25.6

