

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
 Data File : BF123036.D
 Acq On : 22 Jan 2021 15:49
 Operator : JU/CG
 Sample : PB134172BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134172BL

Quant Time: Jan 22 16:34:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 15:39:01 2021
 Response via : Initial Calibration

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

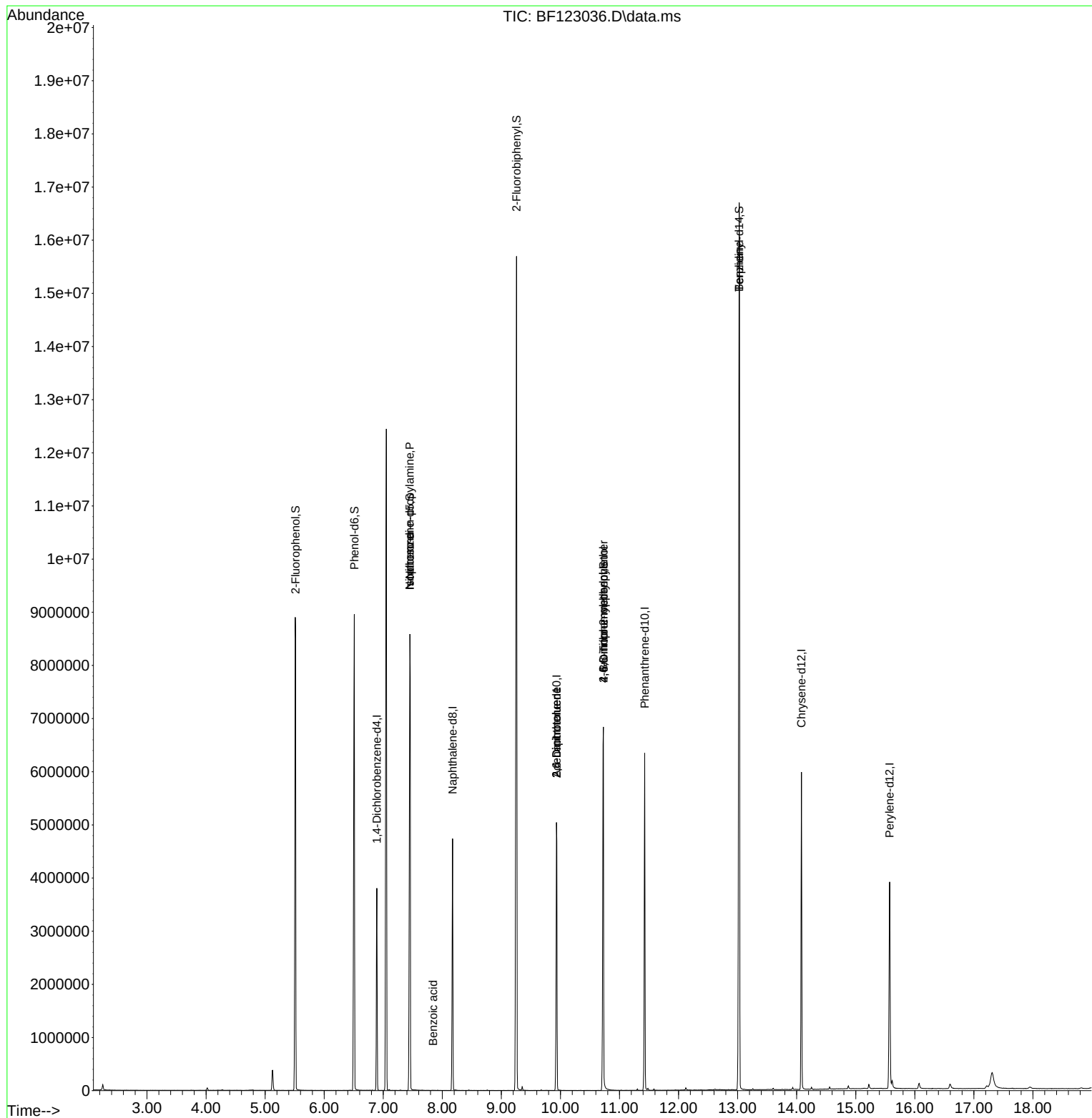
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	553713	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	2180583	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	1173755	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	2199309	20.00	ng	# 0.00
76) Chrysene-d12	14.080	240	1841736	20.00	ng	# 0.00
86) Perylene-d12	15.574	264	1722869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2784658	77.28	ng	0.01
7) Phenol-d6	6.510	99	3426031	70.05	ng	0.00
23) Nitrobenzene-d5	7.451	82	3511987	85.39	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	906552	74.54	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	5796598	76.29	ng	0.00
79) Terphenyl-d14	13.027	244	7046468	77.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	481433	16.56	ng	# 80
25) Isophorone	7.451	82	3501794	44.99	ng	# 65
32) Benzoic acid	7.845	122	424	6.32	ng	# 62
51) 2,6-Dinitrotoluene	9.933	165	150707	7.98	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	150707	6.32	ng	# 25
58) Fluorene	10.727	166	44652	Below Cal		# 91
65) 4,6-Dinitro-2-methylph...	10.727	198	2226	5.91	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	61587	2.43	ng	# 1
77) Benzidine	13.027	184	105944	2.18	ng	# 91

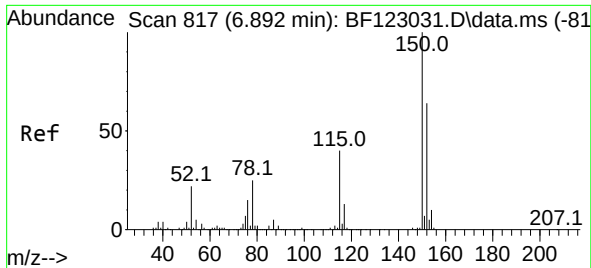
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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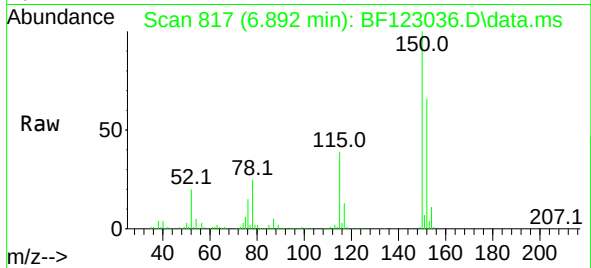
Quant Time: Jan 22 16:34:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
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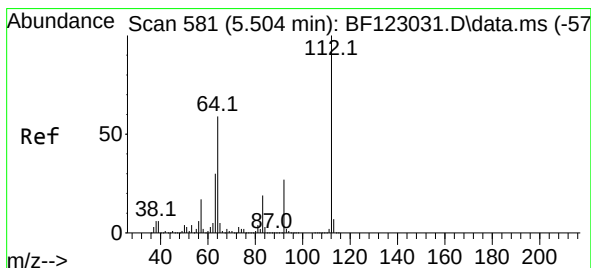
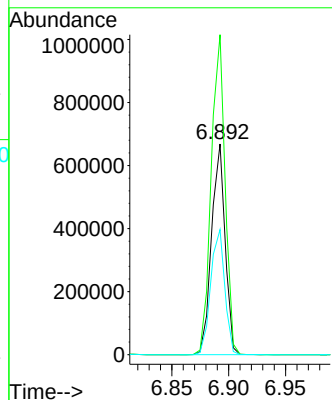
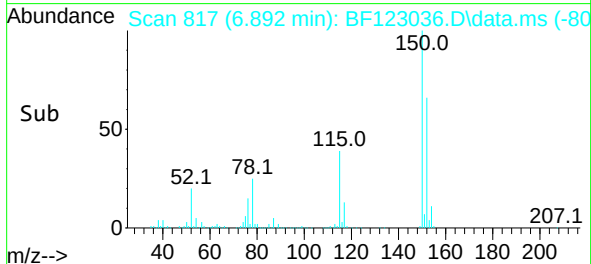


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

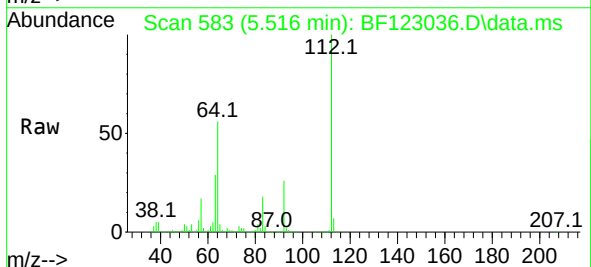
Instrument :
BNA_F
ClientSampleId :
PB134172BL



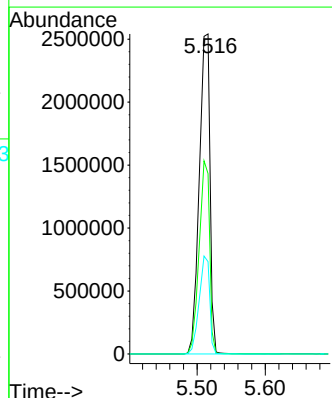
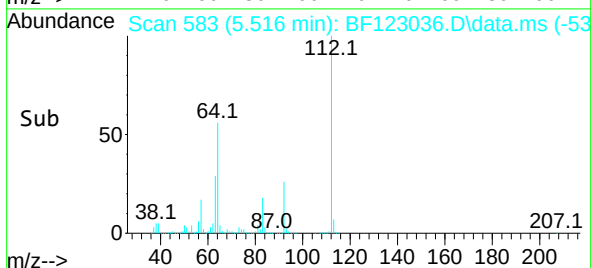
Tgt Ion:152 Resp: 553713
Ion Ratio Lower Upper
152 100
150 151.8 125.8 188.6
115 59.4 49.3 73.9

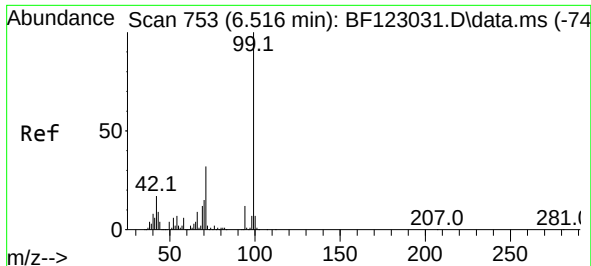


#5
2-Fluorophenol
Concen: 77.28 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49



Tgt Ion:112 Resp: 2784658
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 28.9 24.5 36.7

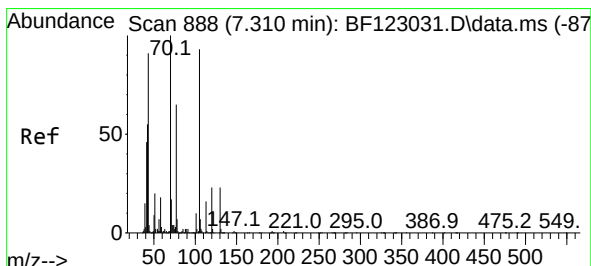
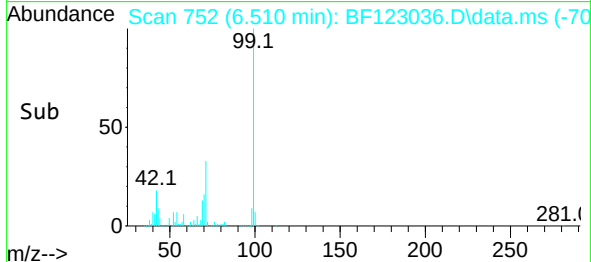
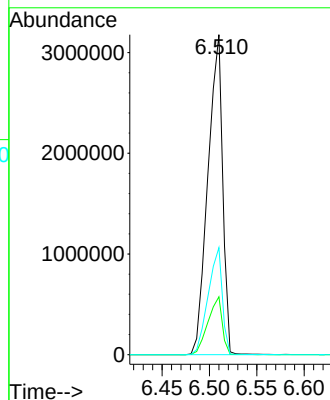
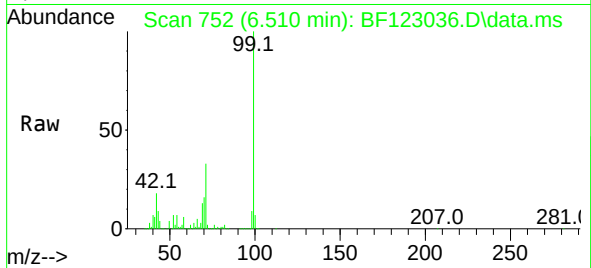




#7
Phenol-d6
Concen: 70.05 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

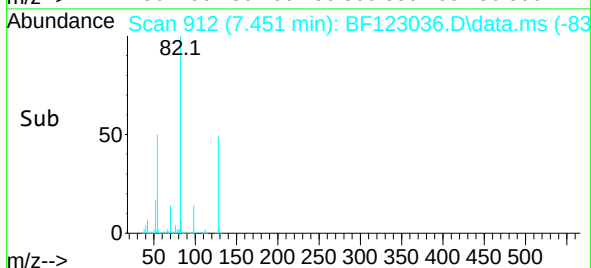
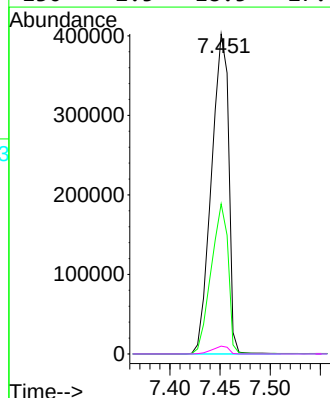
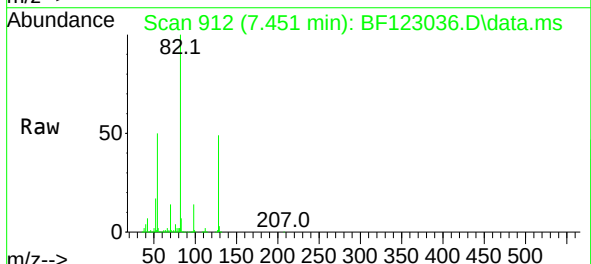
Instrument :
BNA_F
ClientSampleId :
PB134172BL

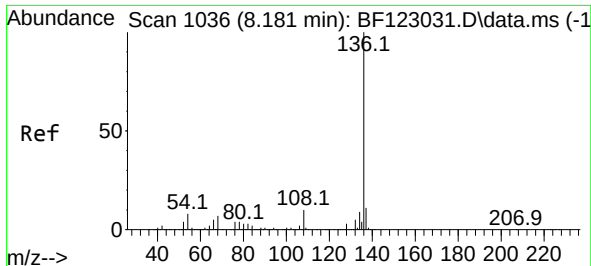
Tgt Ion: 99 Resp: 3426031
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.6
71 33.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.56 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

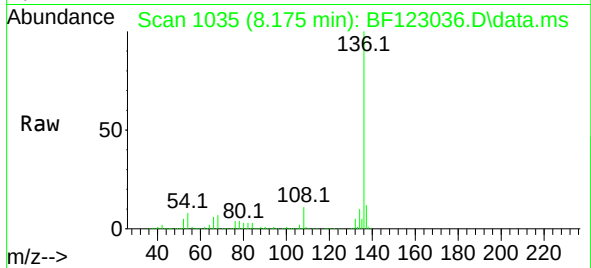
Tgt Ion: 70 Resp: 481433
Ion Ratio Lower Upper
70 100
42 46.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



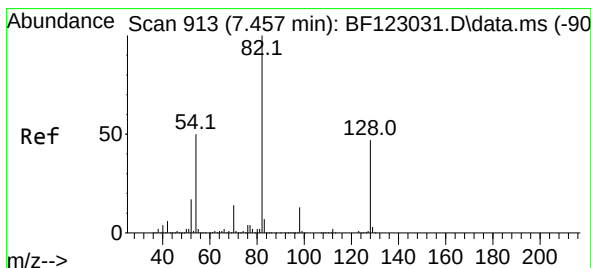
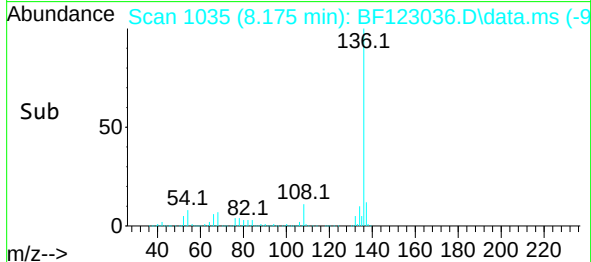
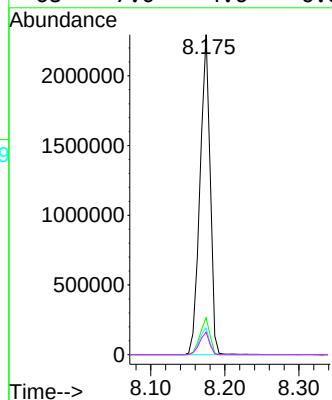


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Instrument :
BNA_F
ClientSampleId :
PB134172BL

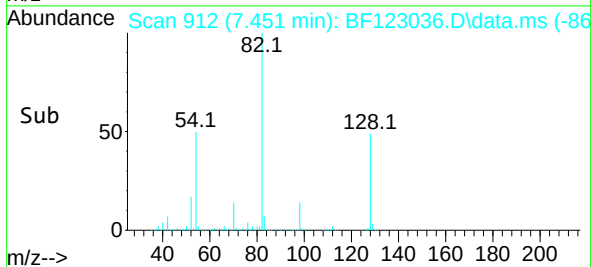
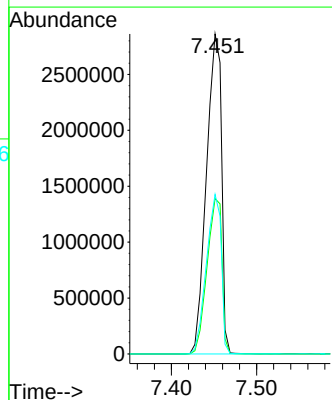
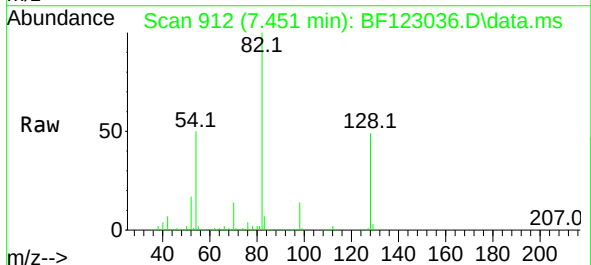


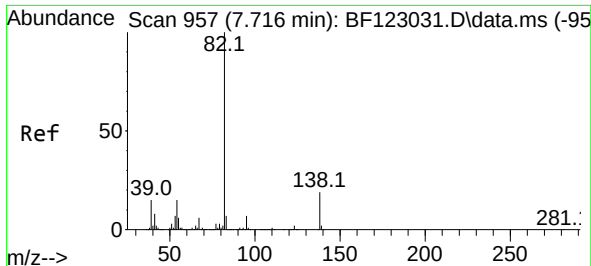
Tgt Ion:136 Resp: 2180583
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.3 5.5 8.3#
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 85.39 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion: 82 Resp: 3511987
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 49.8 38.4 57.6

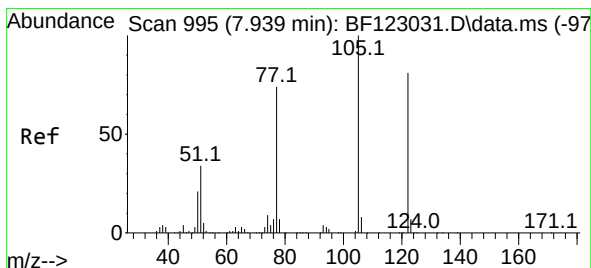
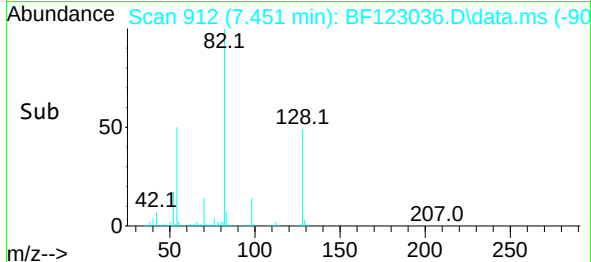
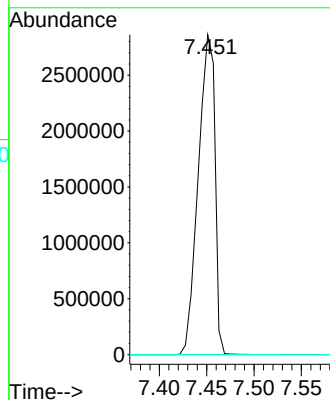
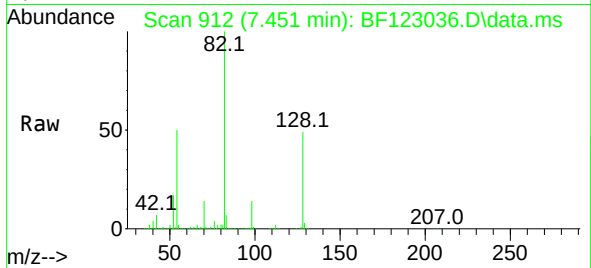




#25
Isophorone
Concen: 44.99 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

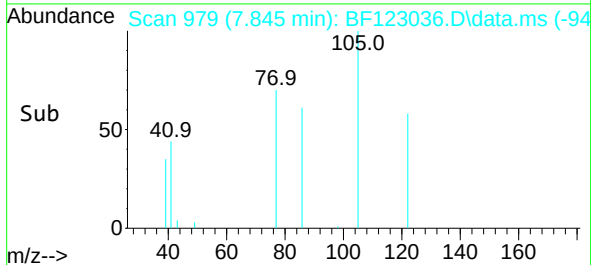
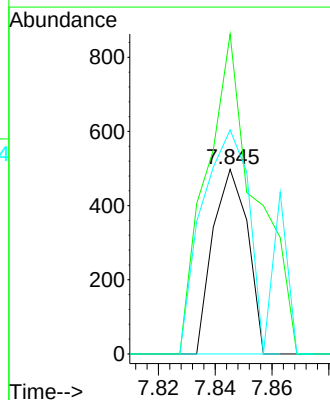
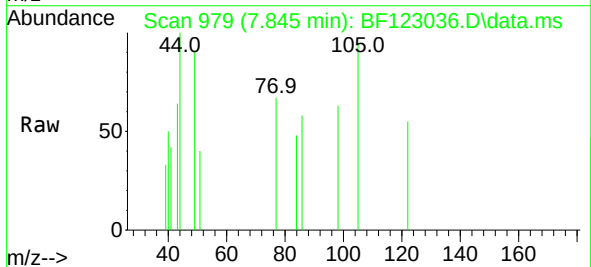
Instrument :
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ClientSampleId :
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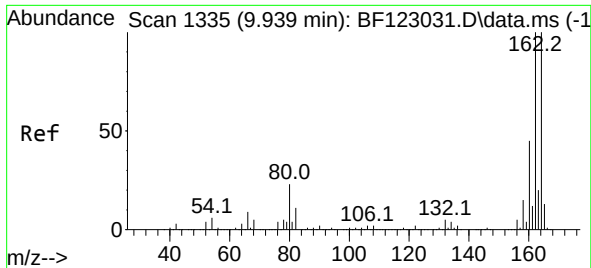
Tgt Ion: 82 Resp: 3501794
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.32 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.094 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion: 122 Resp: 424
Ion Ratio Lower Upper
122 100
105 173.3 104.8 144.8#
77 121.3 71.0 111.0#

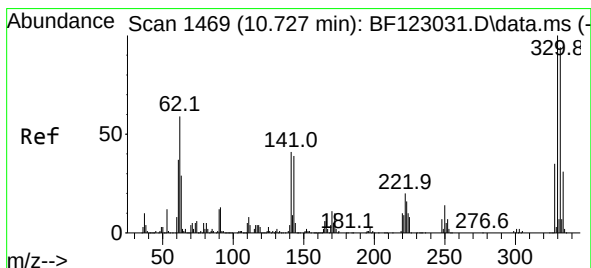
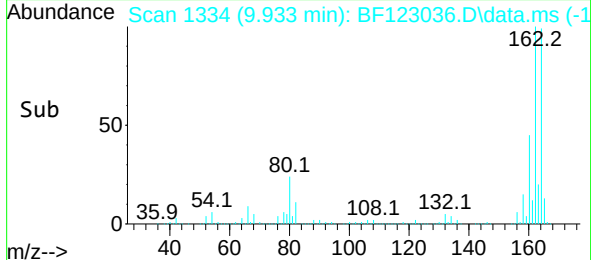
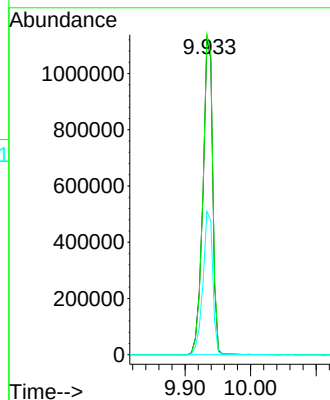
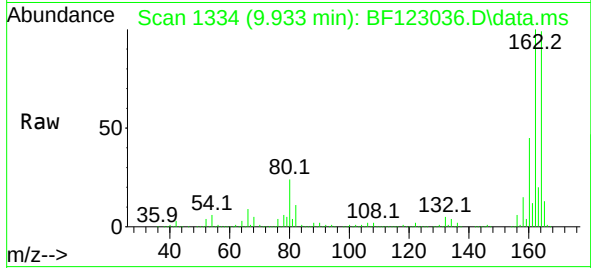




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

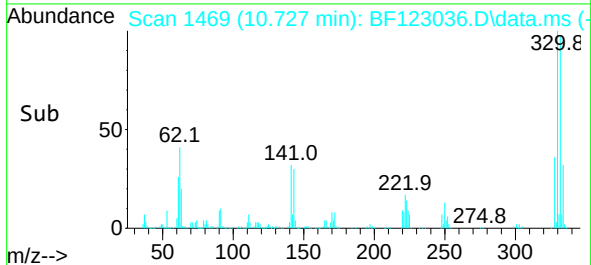
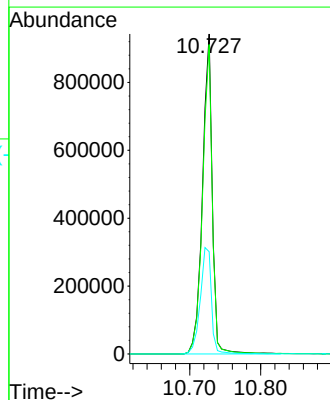
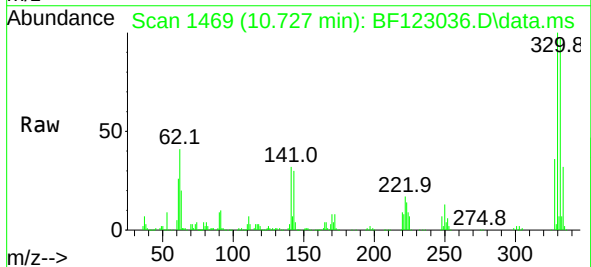
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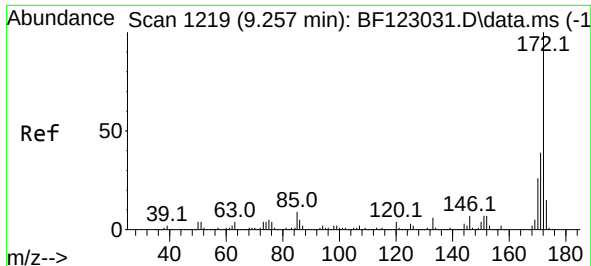
Tgt Ion:164 Resp: 1173755
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 45.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 74.54 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion:330 Resp: 906552
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 38.0 23.8 35.8#

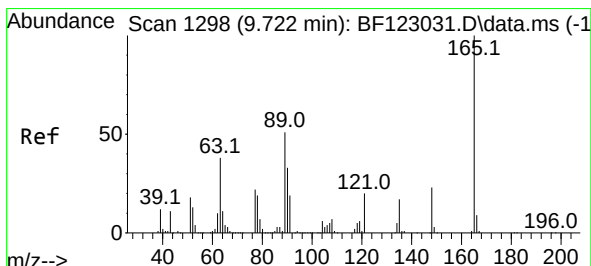
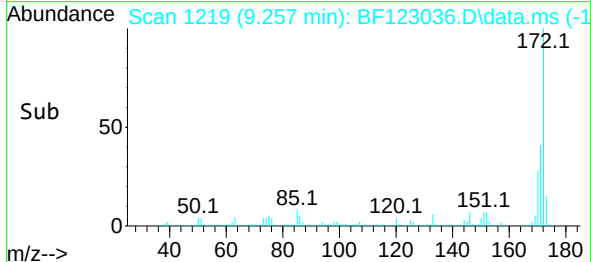
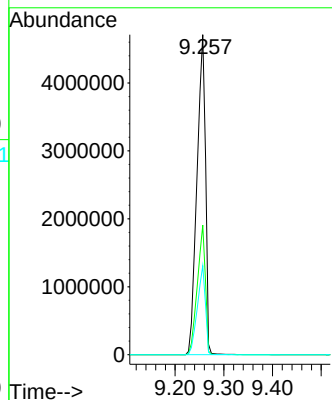
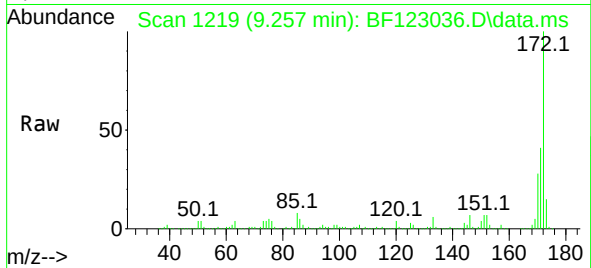




#45
2-Fluorobiphenyl
Concen: 76.29 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

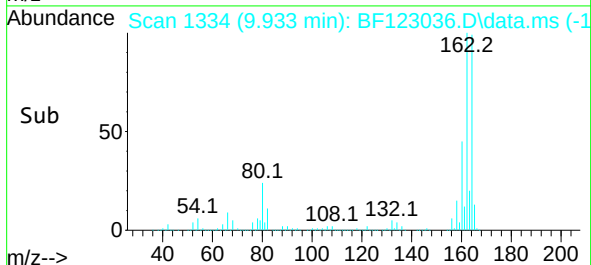
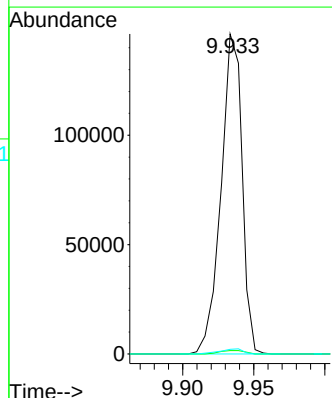
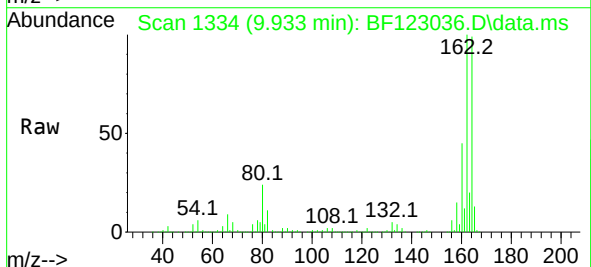
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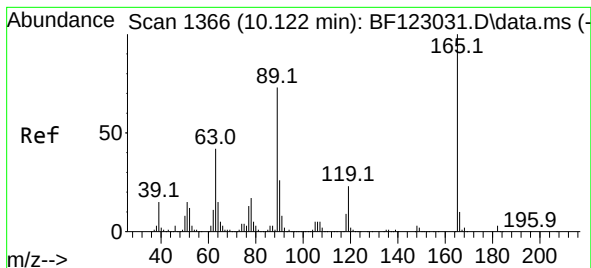
Tgt Ion:172 Resp: 5796598
Ion Ratio Lower Upper
172 100
171 40.5 29.6 44.4
170 27.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion:165 Resp: 150707
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.4 39.4 59.0#

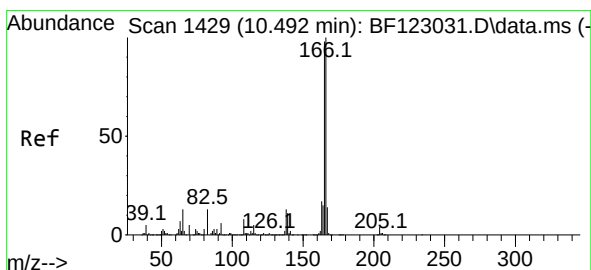
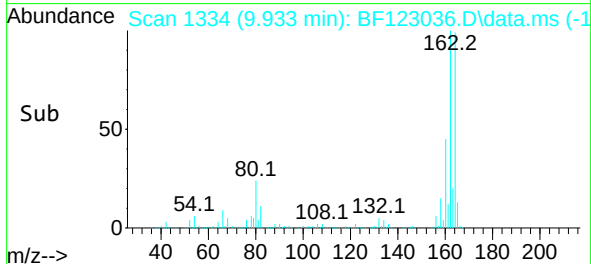
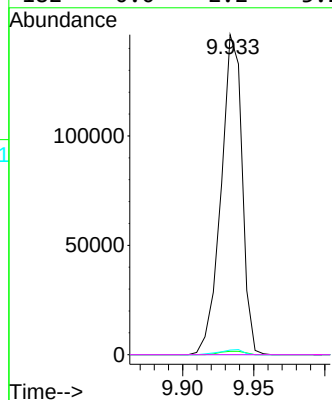
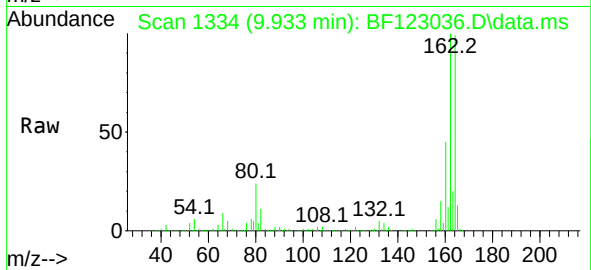




#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

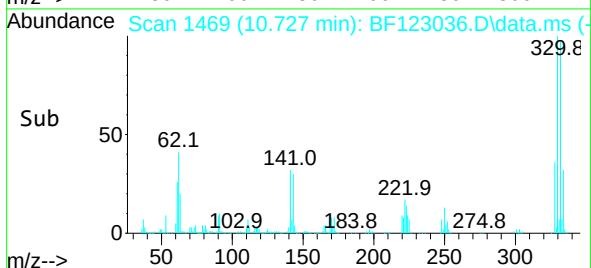
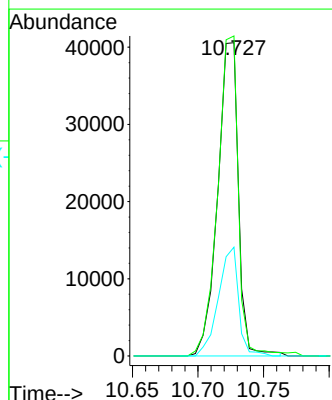
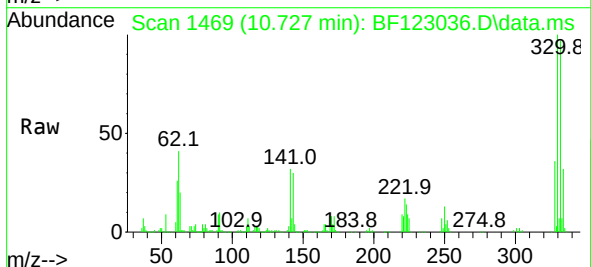
Instrument :
BNA_F
ClientSampleId :
PB134172BL

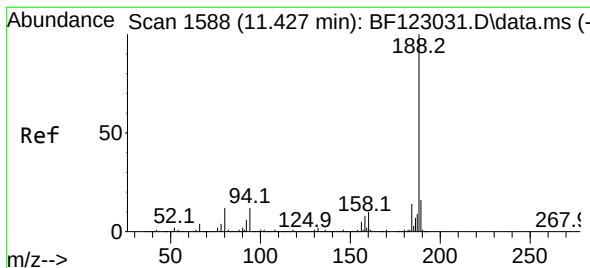
Tgt Ion:165 Resp: 150707
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.727 min Scan# 1469
Delta R.T. 0.235 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion:166 Resp: 44652
Ion Ratio Lower Upper
166 100
165 102.1 79.4 119.0
167 34.7 10.9 16.3#

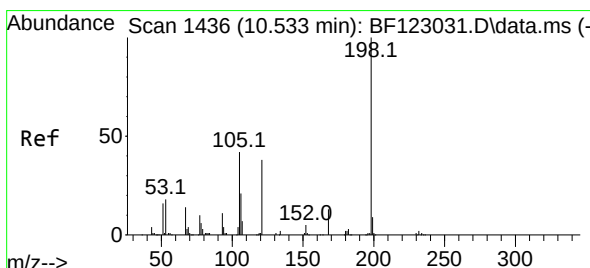
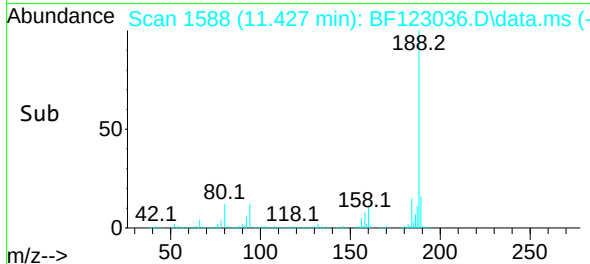
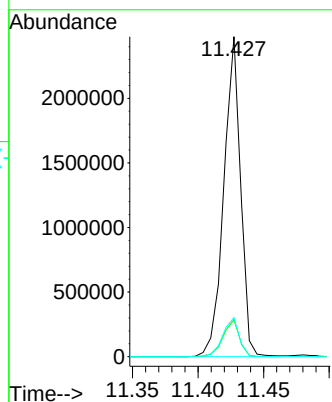
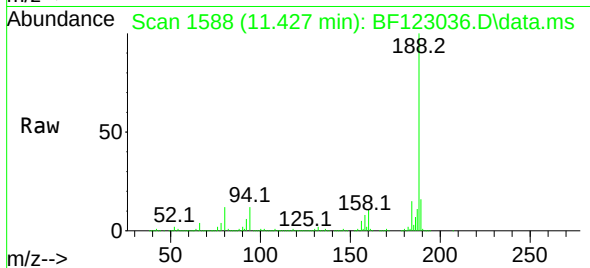




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

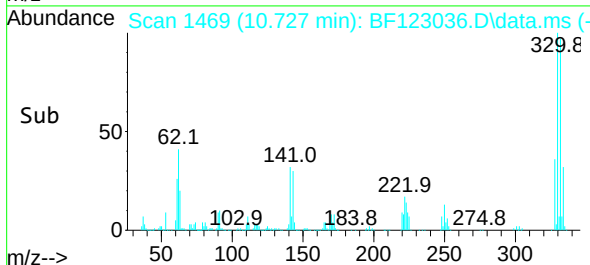
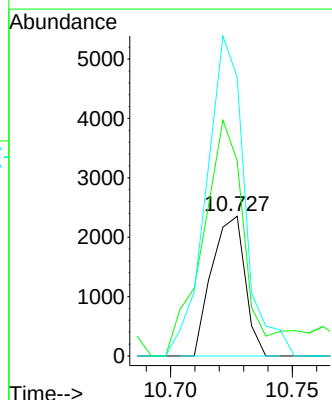
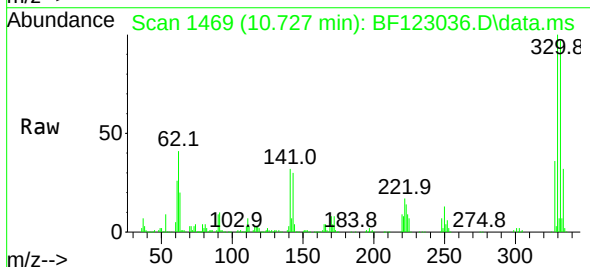
Instrument :
BNA_F
ClientSampleId :
PB134172BL

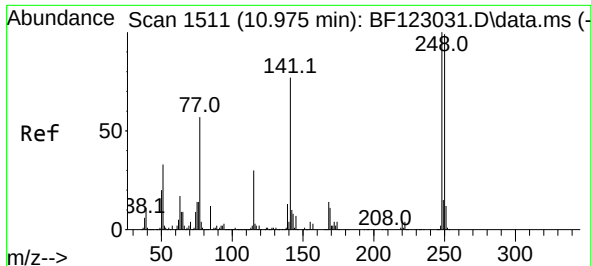
Tgt Ion:188 Resp: 2199309
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 12.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.91 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion:198 Resp: 2226
Ion Ratio Lower Upper
198 100
51 139.9 20.3 60.3#
105 199.8 23.0 63.0#

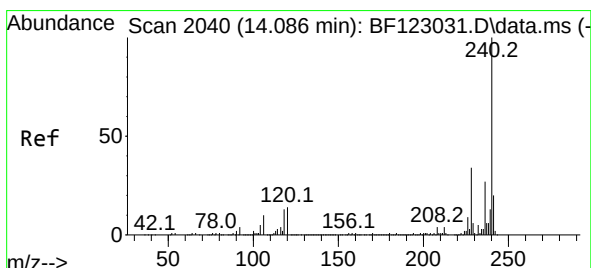
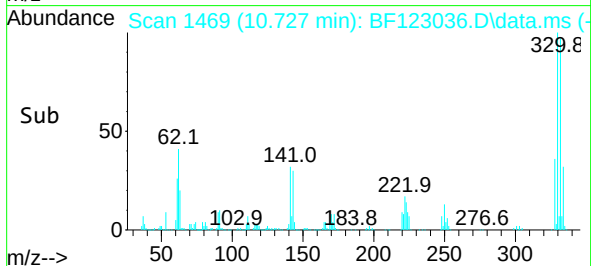
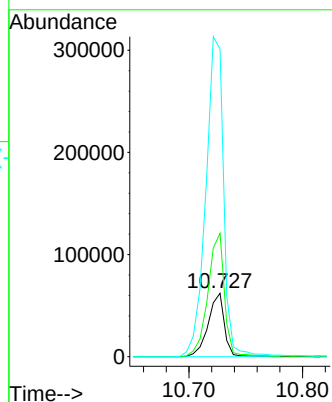
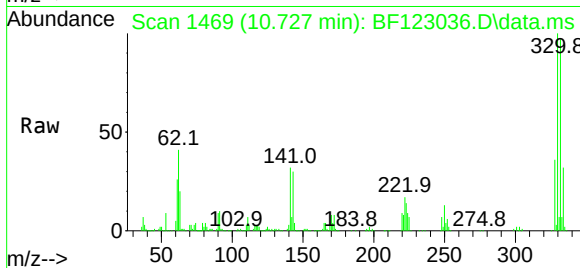




#67
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

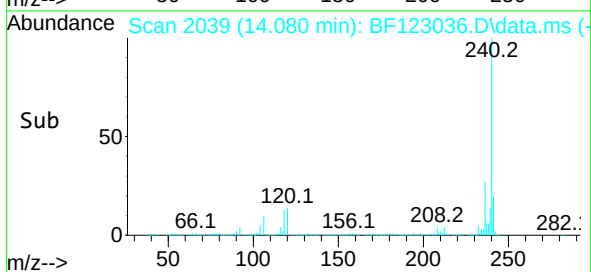
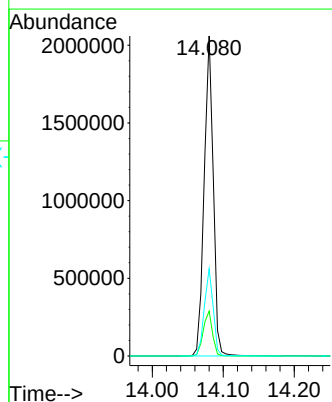
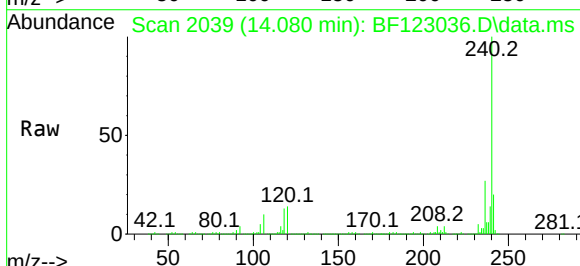
Instrument :
BNA_F
ClientSampleId :
PB134172BL

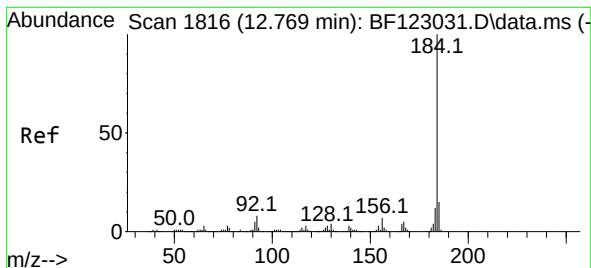
Tgt Ion:248 Resp: 61587
Ion Ratio Lower Upper
248 100
250 194.7 76.8 115.2#
141 485.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123036.D
Acq: 22 Jan 2021 15:49

Tgt Ion:240 Resp: 1841736
Ion Ratio Lower Upper
240 100
120 14.0 8.6 12.8#
236 27.3 20.3 30.5





#77

Benzidine

Concen: 2.18 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123036.D

Acq: 22 Jan 2021 15:49

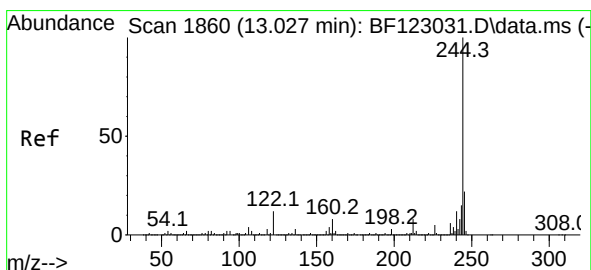
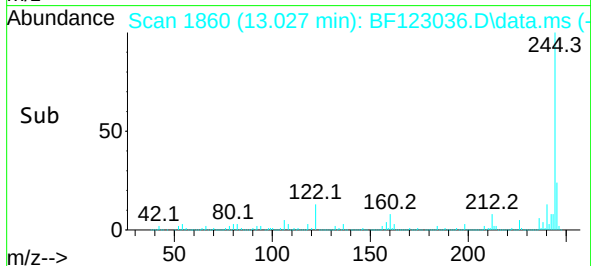
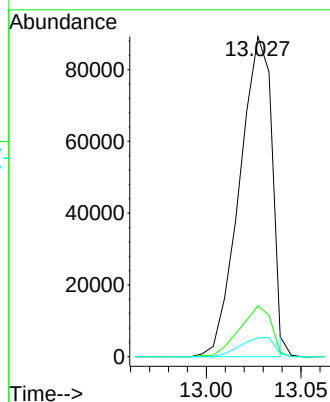
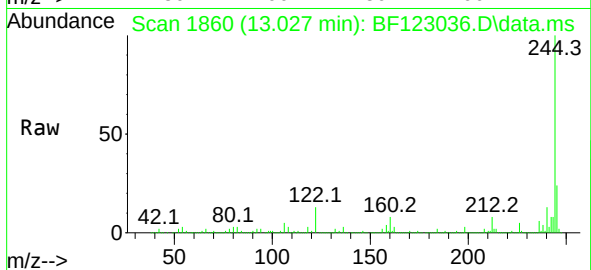
Tgt Ion:184 Resp: 105944

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.6

183 5.8 9.7 14.5#



#79

Terphenyl-d14

Concen: 77.11 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123036.D

Acq: 22 Jan 2021 15:49

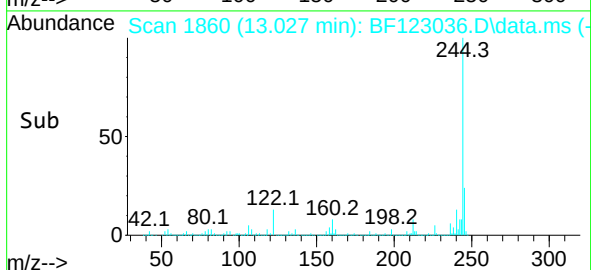
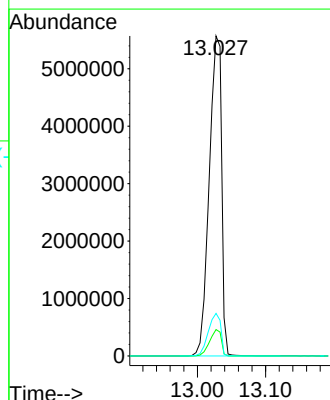
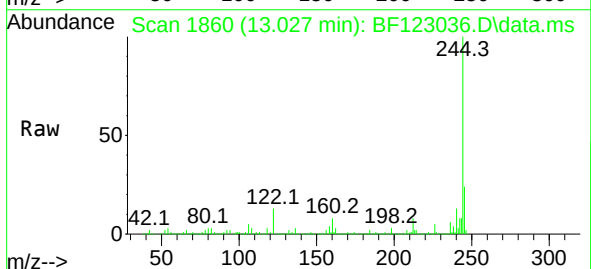
Tgt Ion:244 Resp: 7046468

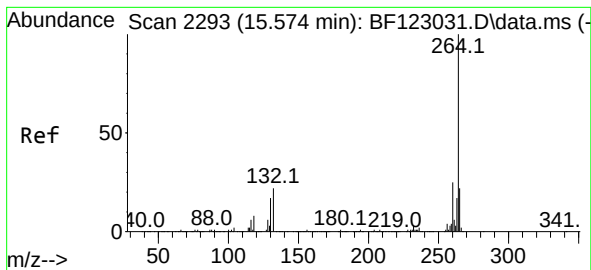
Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

122 13.3 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF123036.D
 Acq: 22 Jan 2021 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB134172BL

Tgt Ion:264 Resp: 1722869
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 22.2 17.0 25.6

