

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123096.D
 Acq On : 3 Feb 2021 10:44
 Operator : JU/CG
 Sample : PB134433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134433BL

Quant Time: Feb 03 11:27:44 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)

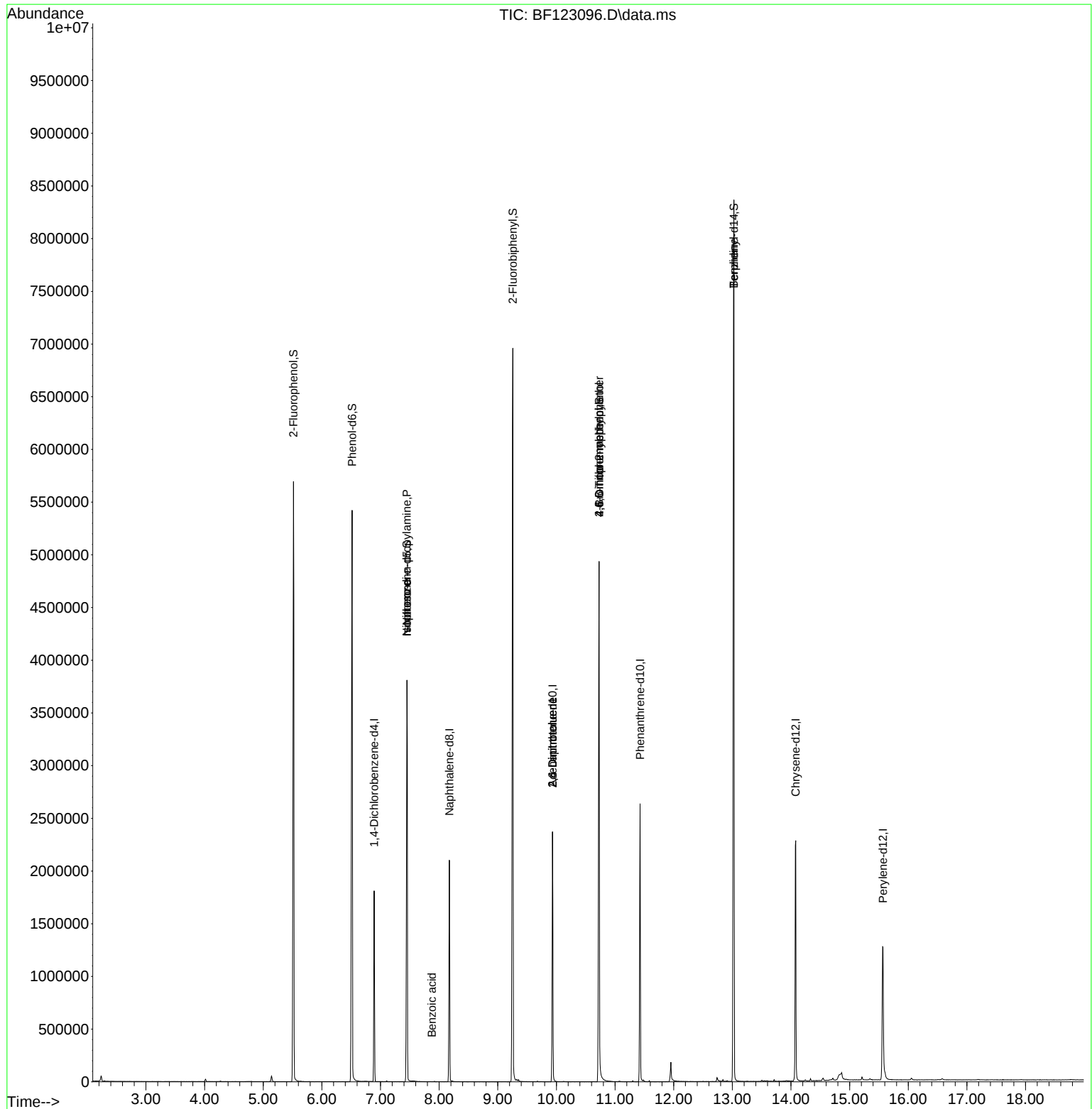
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	245095	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	943533	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	505862	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	933620	20.00	ng	0.00
76) Chrysene-d12	14.080	240	854949	20.00	ng	0.00
86) Perylene-d12	15.568	264	718496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1791517	112.75	ng	0.01
7) Phenol-d6	6.516	99	2236309	103.84	ng	0.00
23) Nitrobenzene-d5	7.451	82	1429657	76.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	681152	124.04	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2531125	74.38	ng	0.00
79) Terphenyl-d14	13.027	244	3040918	69.88	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	191661	14.80	ng	# 80
25) Isophorone	7.451	82	1426272	41.53	ng	# 65
32) Benzoic acid	7.875	122	110	4.92	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	64257	7.60	ng	# 32
57) 2,4-Dinitrotoluene	9.933	165	64257	5.84	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1412	5.22	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	45580	3.83	ng	# 1
77) Benzidine	13.027	184	40136	2.07	ng	# 91

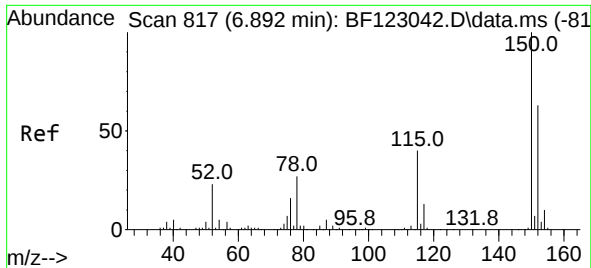
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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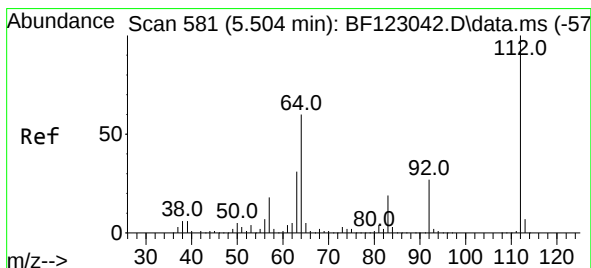
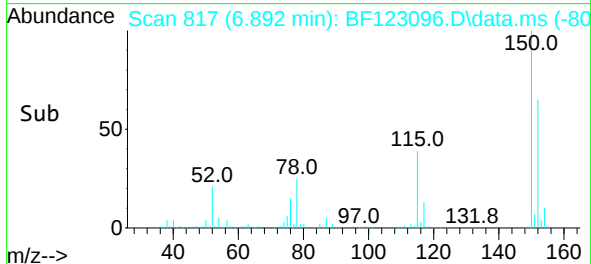
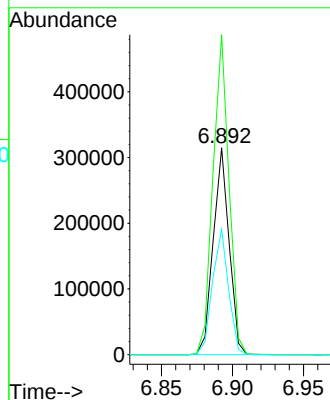
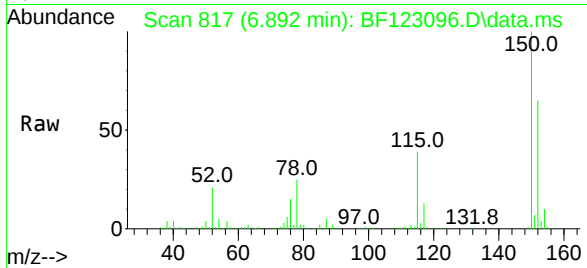




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

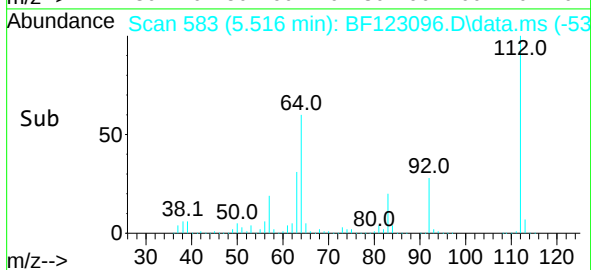
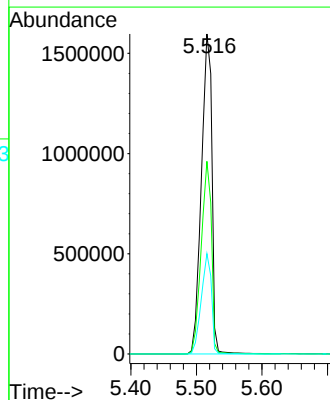
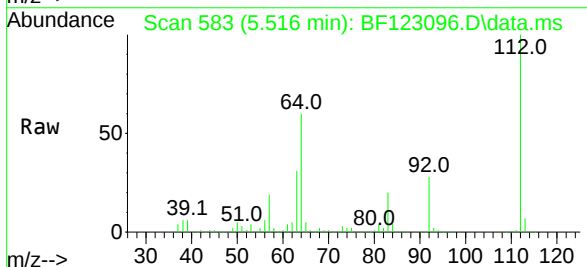
Instrument :
BNA_F
ClientSampleId :
PB134433BL

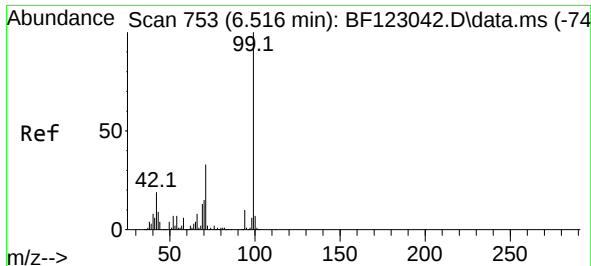
Tgt Ion:152 Resp: 245095
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 60.7 49.3 73.9



#5
2-Fluorophenol
Concen: 112.75 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion:112 Resp: 1791517
Ion Ratio Lower Upper
112 100
64 60.2 46.9 70.3
63 31.4 24.5 36.7

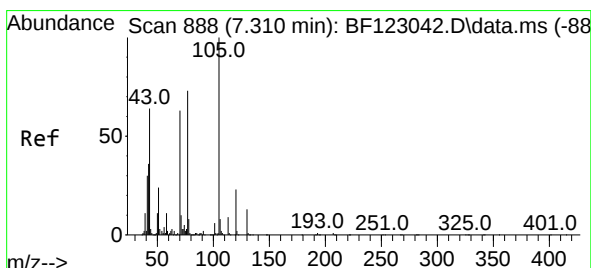
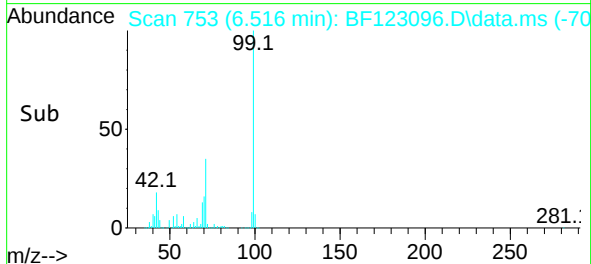
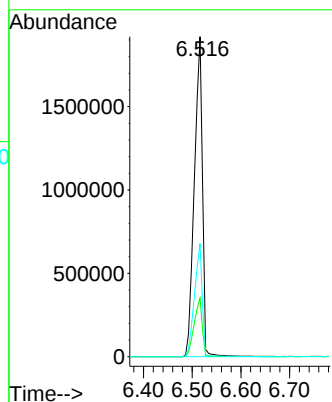
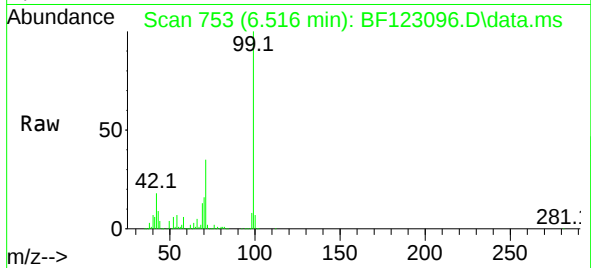




#7
Phenol-d6
Concen: 103.84 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

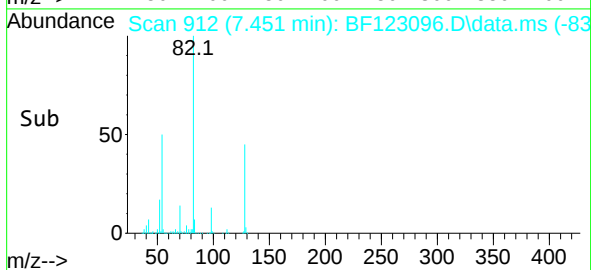
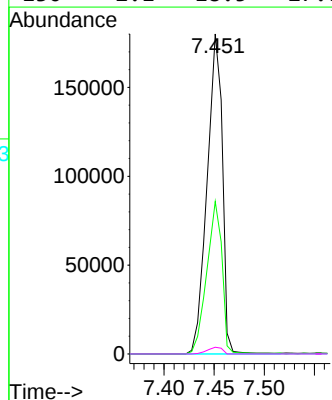
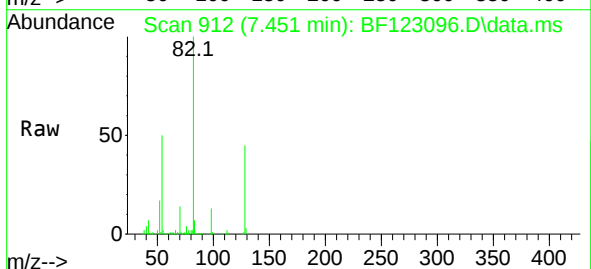
Instrument :
BNA_F
ClientSampleId :
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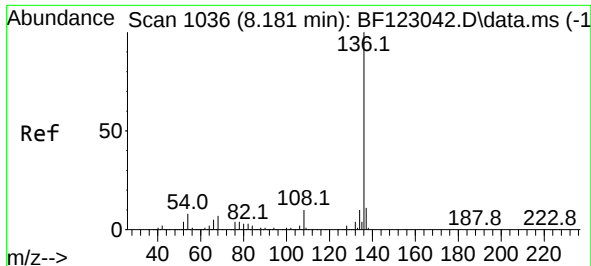
Tgt Ion: 99 Resp: 2236309
Ion Ratio Lower Upper
99 100
42 18.4 13.8 20.6
71 35.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.80 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

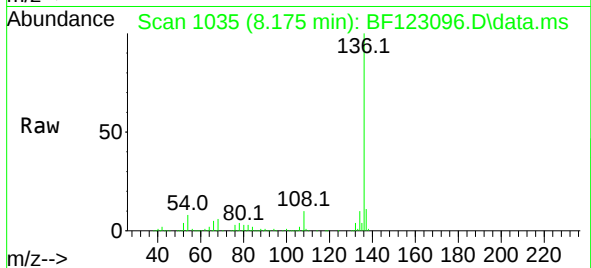
Tgt Ion: 70 Resp: 191661
Ion Ratio Lower Upper
70 100
42 47.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



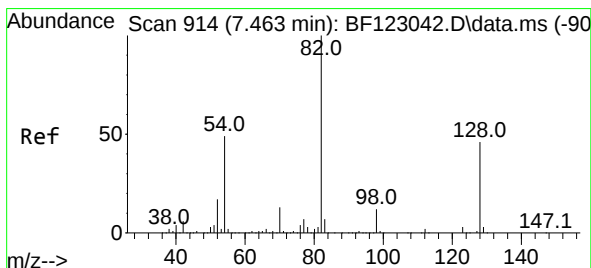
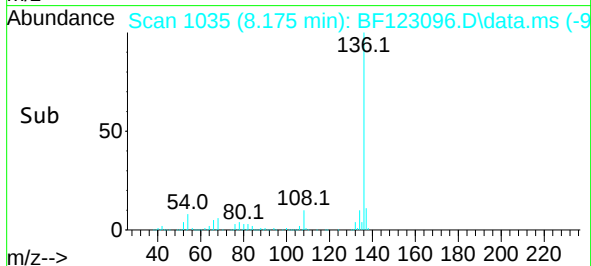
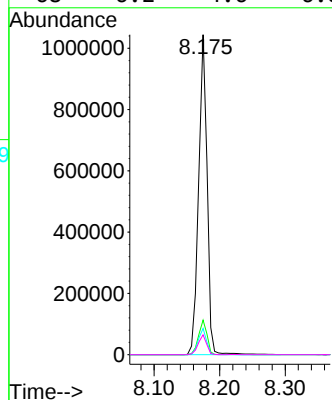


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Instrument :
BNA_F
ClientSampleId :
PB134433BL

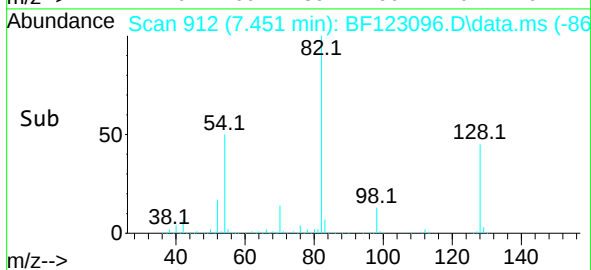
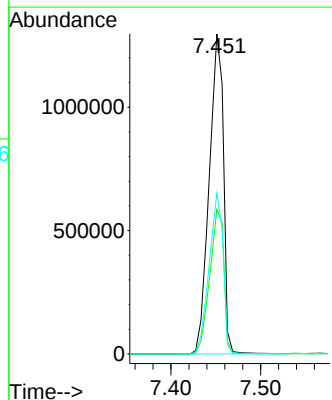
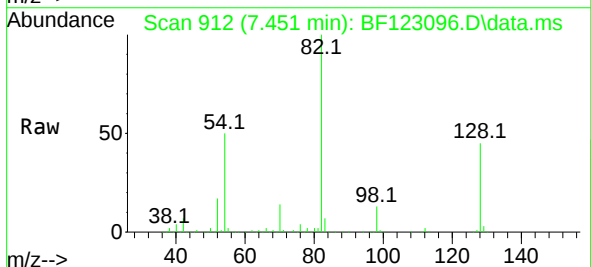


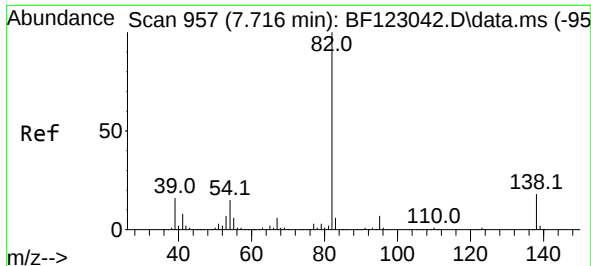
Tgt Ion:	136	Resp:	943533
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	5.5	8.3
68	6.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion:	82	Resp:	1429657
Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.4
54	50.2	38.4	57.6

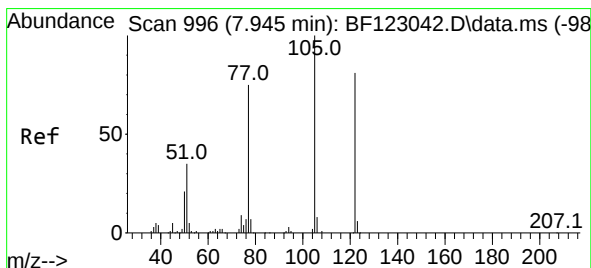
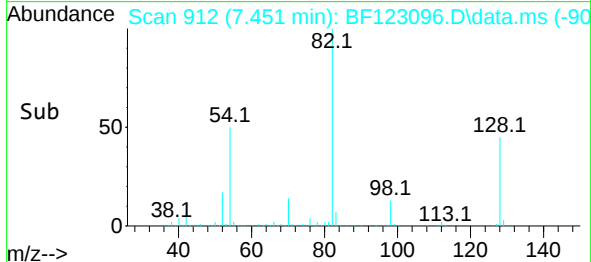
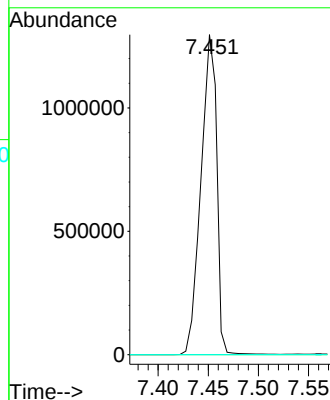
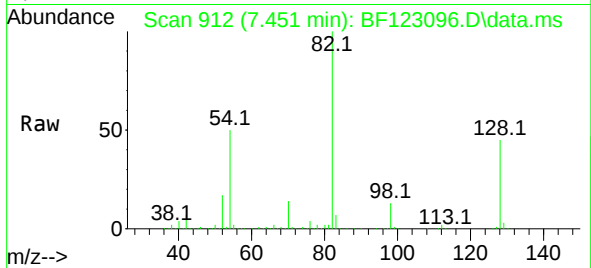




#25
Isophorone
Concen: 41.53 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

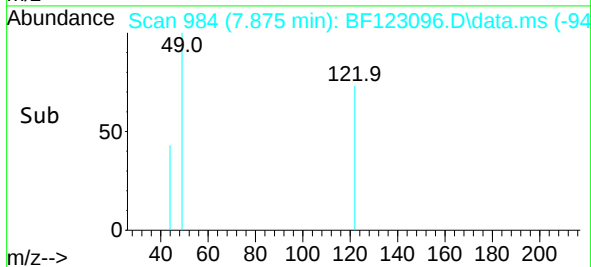
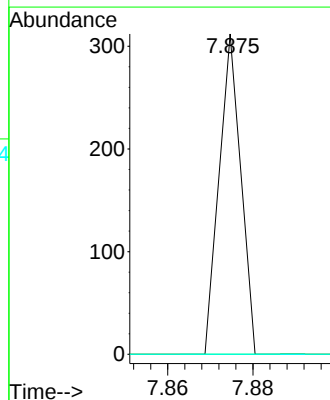
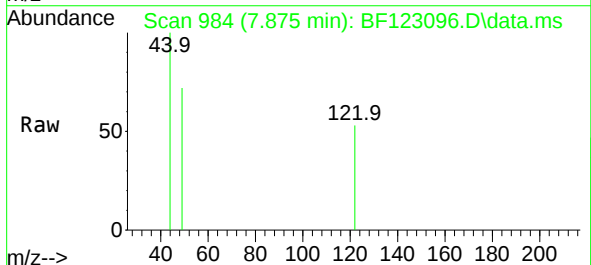
Instrument :
BNA_F
ClientSampleId :
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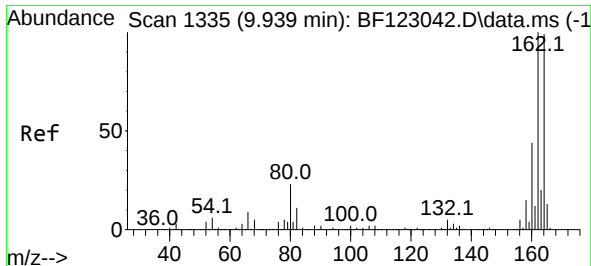
Tgt Ion: 82 Resp: 1426272
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.070 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion: 122 Resp: 110
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 71.0 111.0#

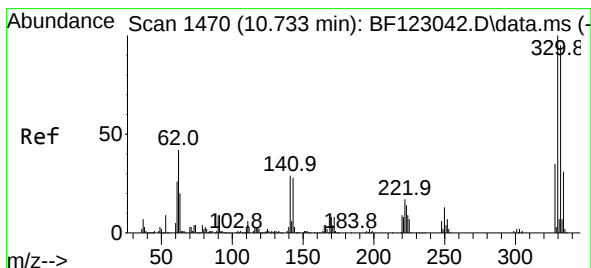
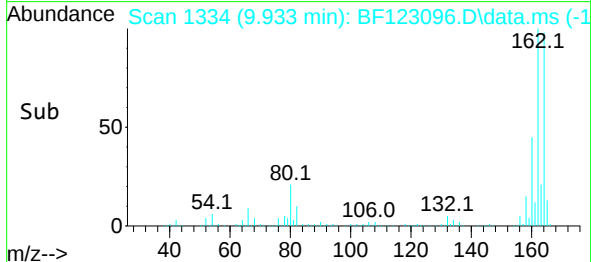
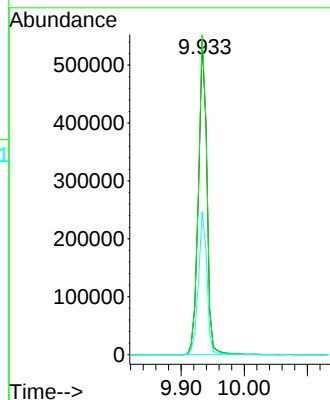
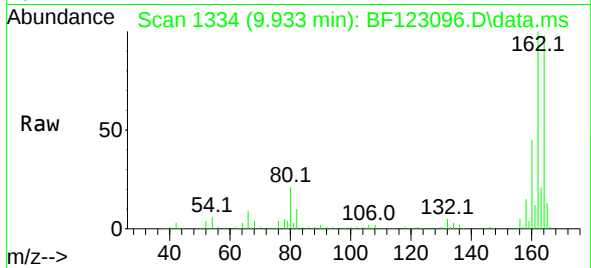




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

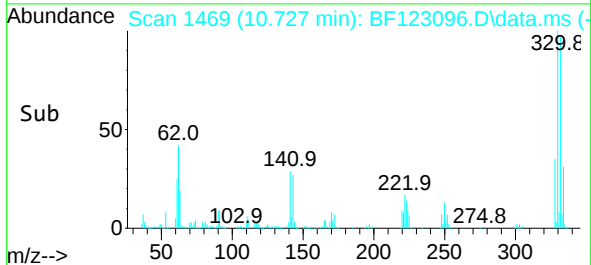
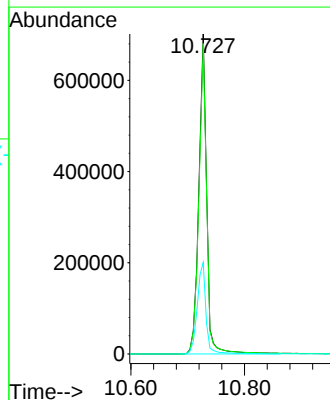
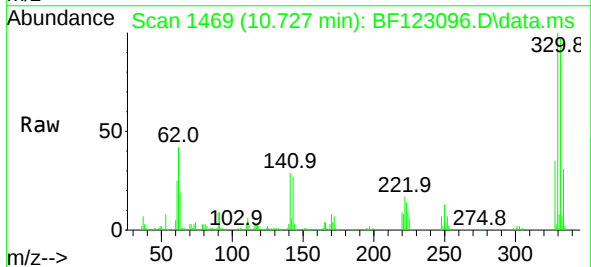
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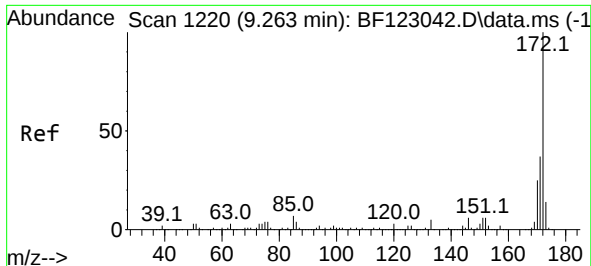
Tgt Ion:164 Resp: 505862
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 124.04 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion:330 Resp: 681152
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 31.9 23.8 35.8

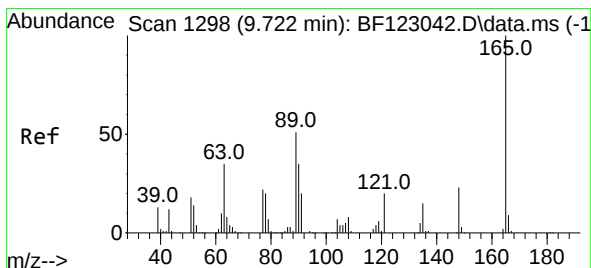
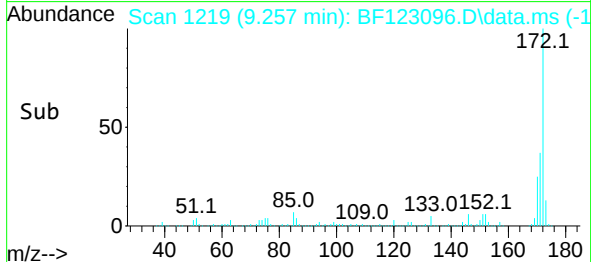
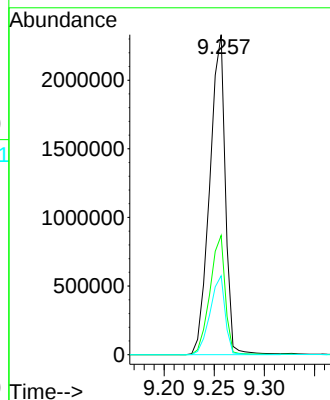
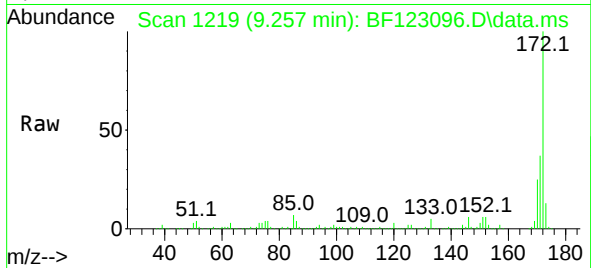




#45
2-Fluorobiphenyl
Concen: 74.38 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

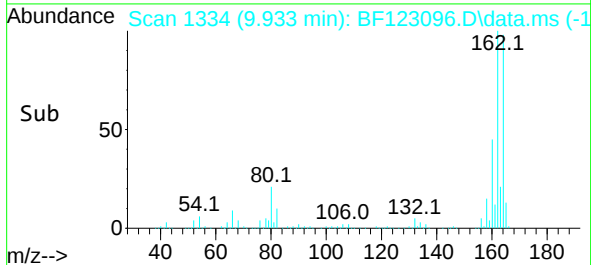
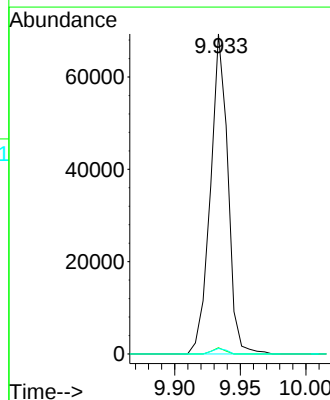
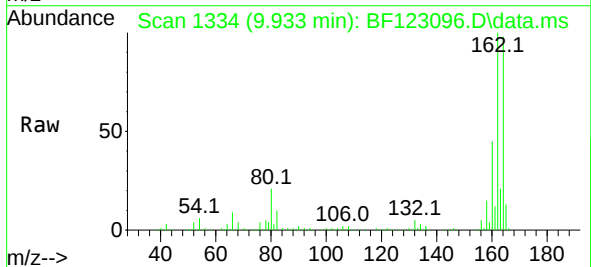
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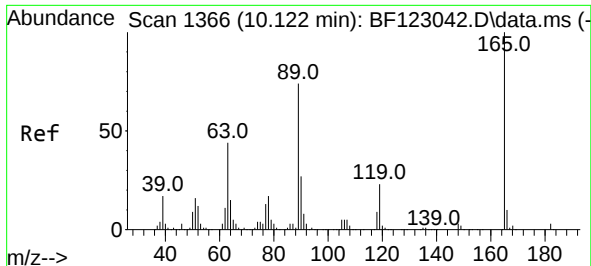
Tgt Ion:172 Resp: 2531125
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.7 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion:165 Resp: 64257
Ion Ratio Lower Upper
165 100
63 1.9 36.6 55.0#
89 1.7 39.4 59.0#

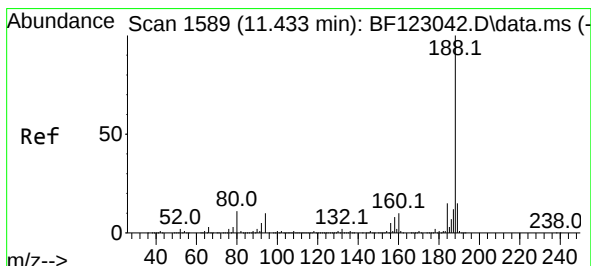
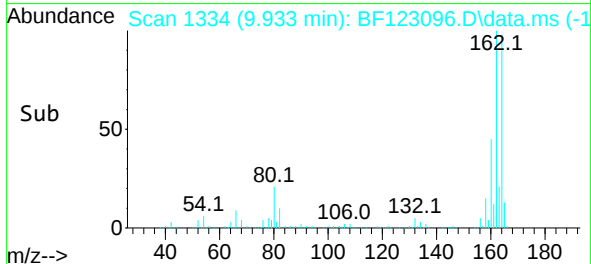
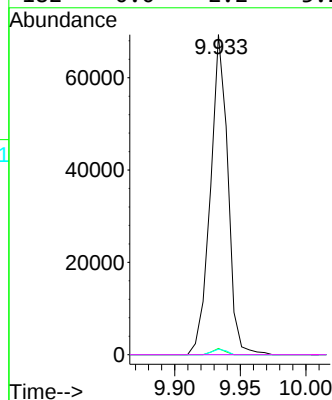
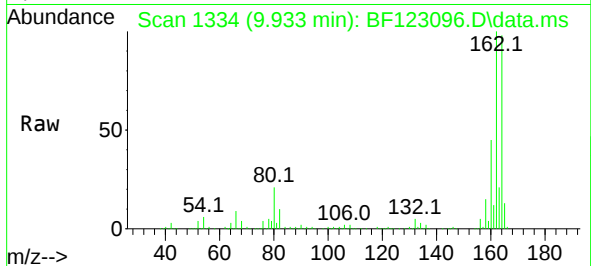




#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

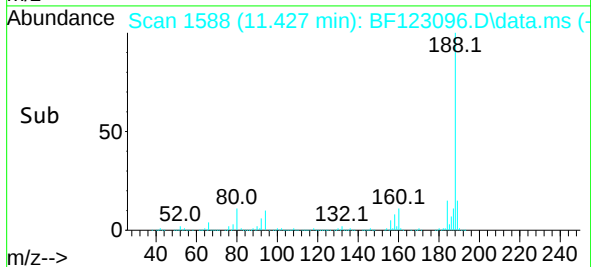
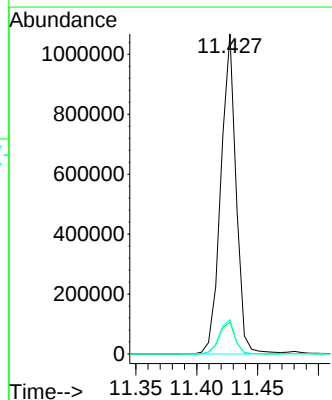
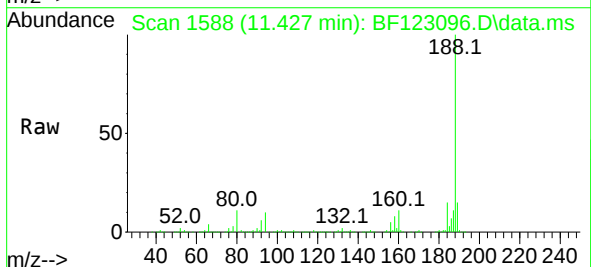
Instrument :
BNA_F
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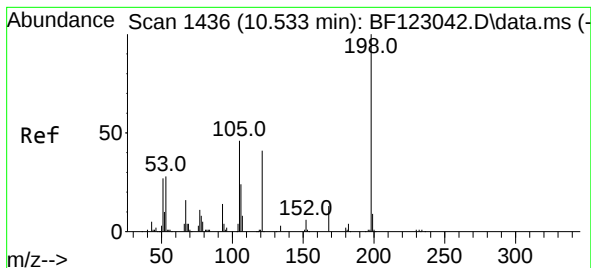
Tgt Ion:165 Resp: 64257
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion:188 Resp: 933620
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 8.2 12.4

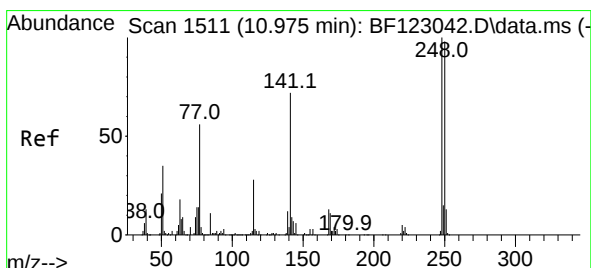
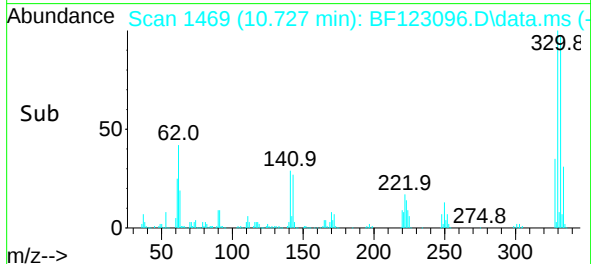
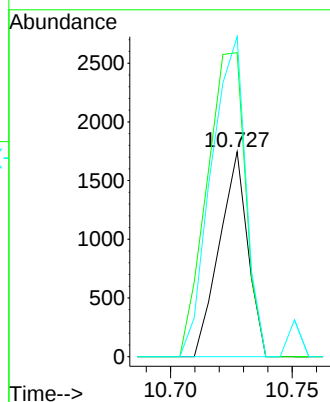
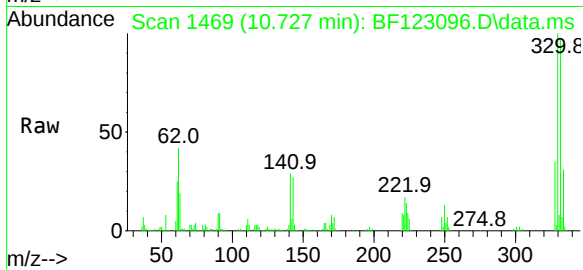




#65
4,6-Dinitro-2-methylphenol
Concen: 5.22 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

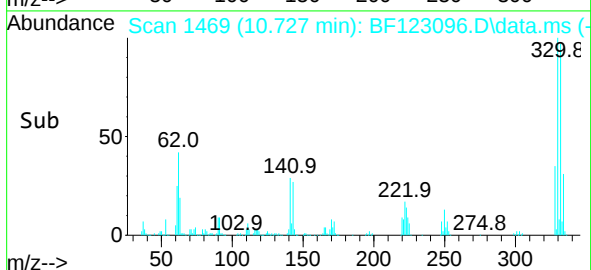
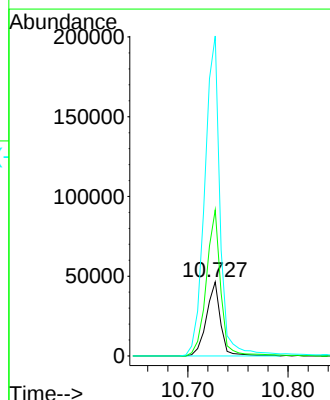
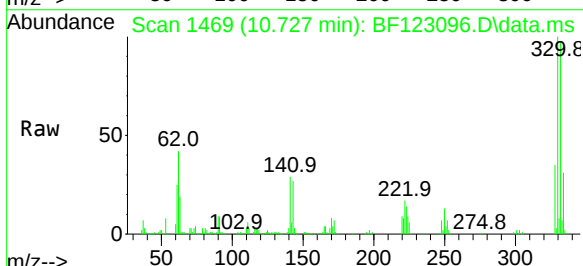
Instrument :
BNA_F
ClientSampleId :
PB134433BL

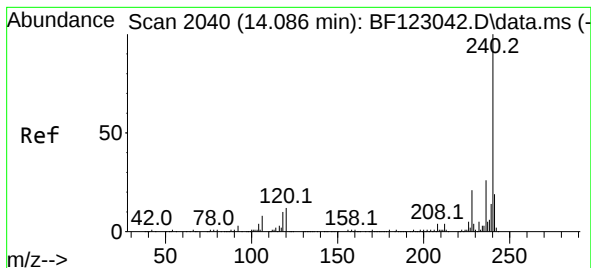
Tgt Ion:198 Resp: 1412
Ion Ratio Lower Upper
198 100
51 148.3 20.3 60.3#
105 156.1 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123096.D
Acq: 3 Feb 2021 10:44

Tgt Ion:248 Resp: 45580
Ion Ratio Lower Upper
248 100
250 197.4 76.8 115.2#
141 432.3 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: BF123096.D

Acq: 3 Feb 2021 10:44

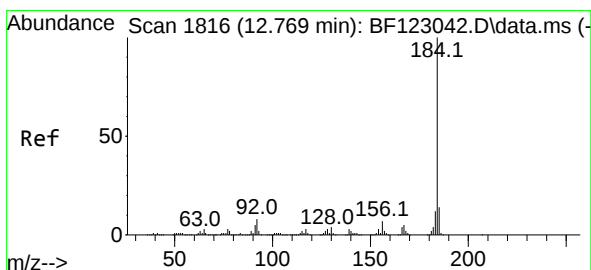
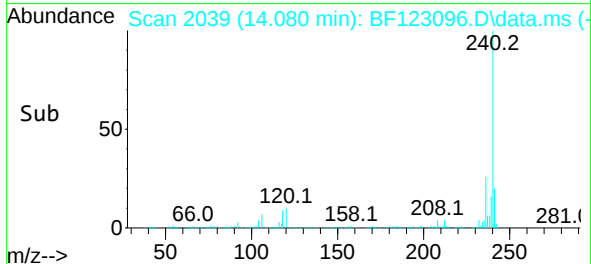
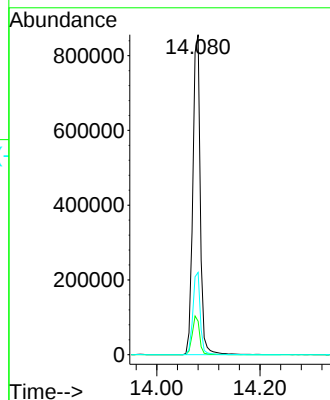
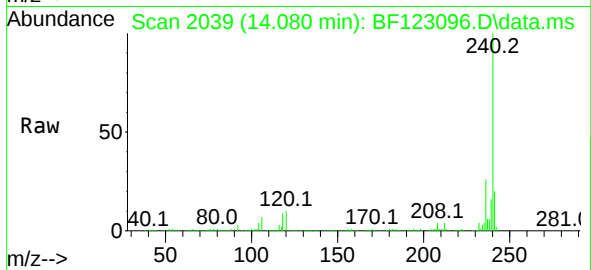
Tgt Ion:240 Resp: 854949

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 25.7 20.3 30.5



#77

Benzidine

Concen: 2.07 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123096.D

Acq: 3 Feb 2021 10:44

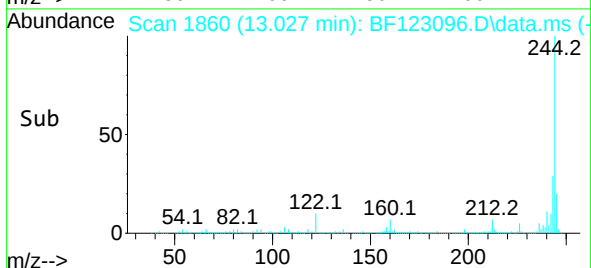
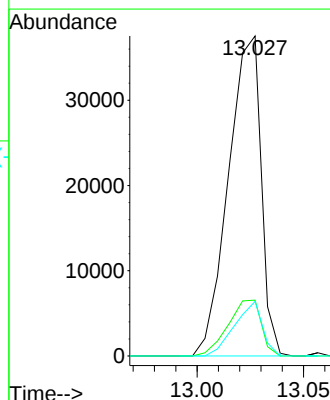
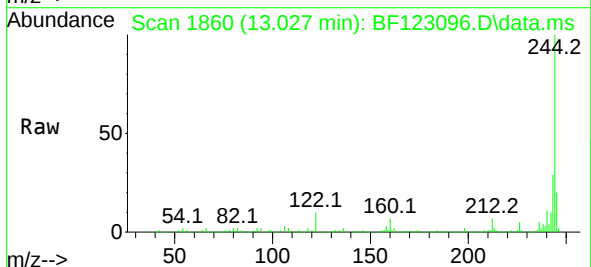
Tgt Ion:184 Resp: 40136

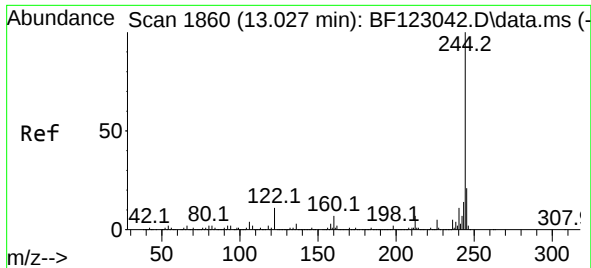
Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.6

183 17.0 9.7 14.5#

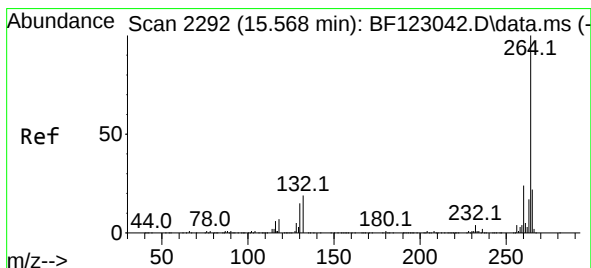
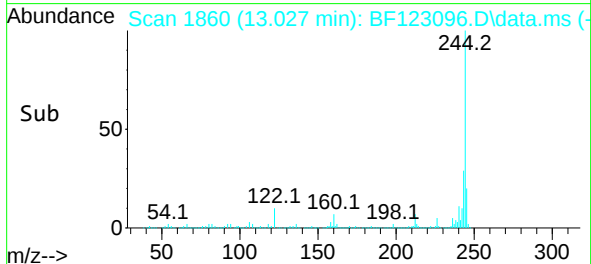
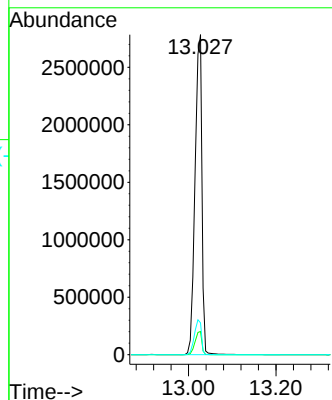
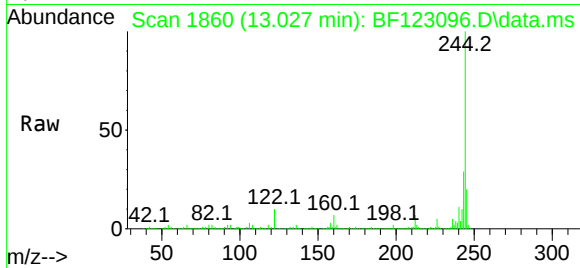




#79
 Terphenyl-d14
 Concen: 69.88 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: BF123096.D
 Acq: 3 Feb 2021 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB134433BL

Tgt Ion:244 Resp: 3040918
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.9 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: BF123096.D
 Acq: 3 Feb 2021 10:44

Tgt Ion:264 Resp: 718496
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.0 17.0 25.6

