

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123139.D
 Acq On : 5 Feb 2021 17:12
 Operator : JU/CG
 Sample : M1315-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Feb 05 18:12:49 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)

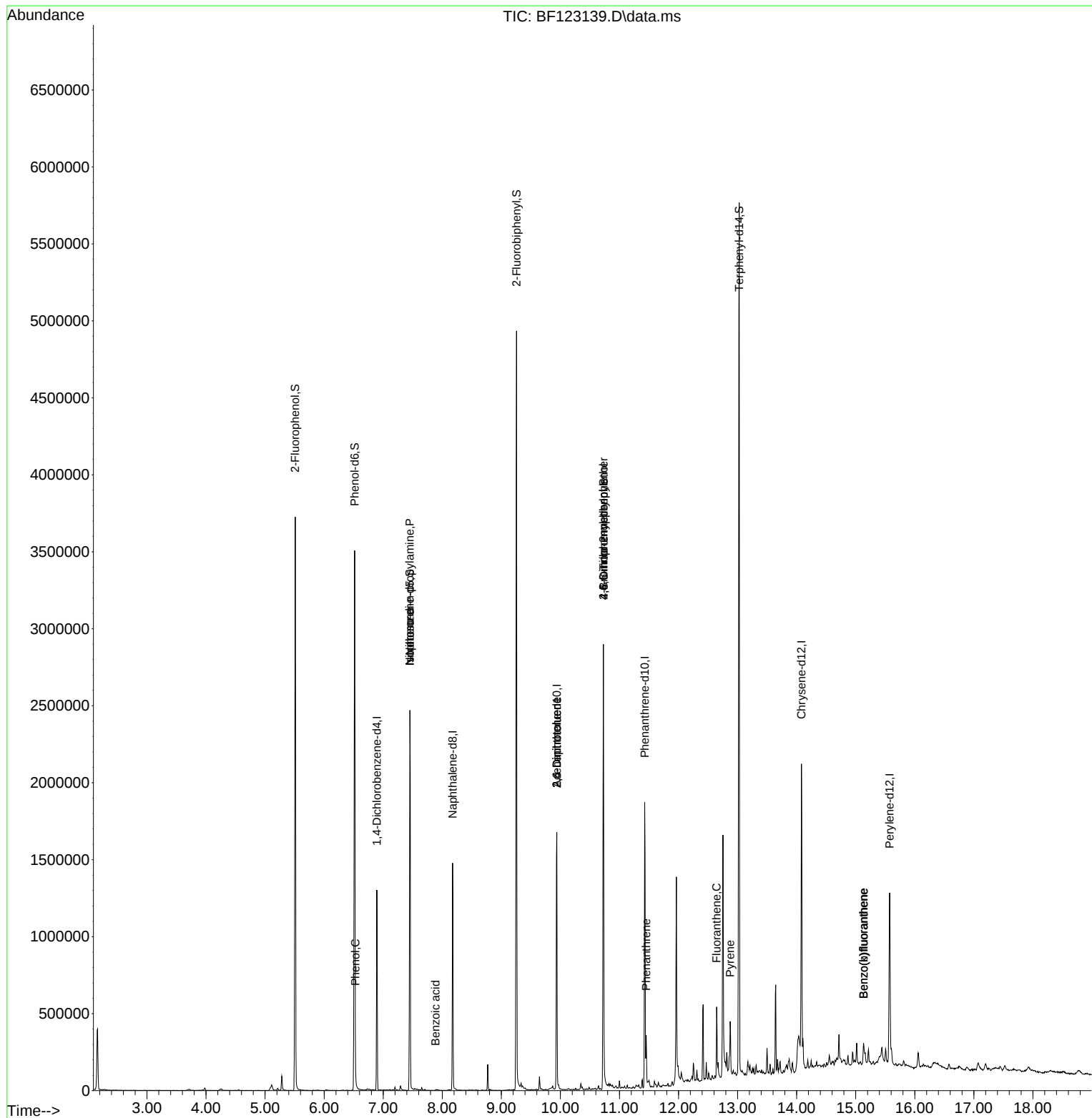
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	167727	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	650944	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	359610	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	686993	20.00	ng	0.00
76) Chrysene-d12	14.080	240	655465	20.00	ng	0.00
86) Perylene-d12	15.574	264	553786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1077335	99.08	ng	0.00
7) Phenol-d6	6.516	99	1328553	90.14	ng	0.00
23) Nitrobenzene-d5	7.451	82	825273	63.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	377031	96.58	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1510469	62.44	ng	0.00
79) Terphenyl-d14	13.027	244	1859382	55.73	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	40633	2.78	ng	93
19) n-Nitroso-di-n-propyla...	7.451	70	111668	12.60	ng	# 78
25) Isophorone	7.451	82	825258	34.83	ng	# 65
32) Benzoic acid	7.887	122	1259	5.06	ng	# 79
51) 2,6-Dinitrotoluene	9.939	165	46588	7.75	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	46589	5.96	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	632	5.13	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	24484	2.80	ng	# 1
71) Phenanthrene	11.451	178	107789	2.53	ng	97
75) Fluoranthene	12.645	202	173014	4.06	ng	99
78) Pyrene	12.874	202	131607	2.66	ng	98
88) Benzo(b)fluoranthene	15.133	252	105855	2.65	ng	97
89) Benzo(k)fluoranthene	15.133	252	105855	2.85	ng	98

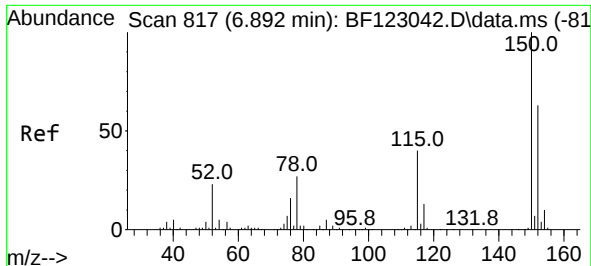
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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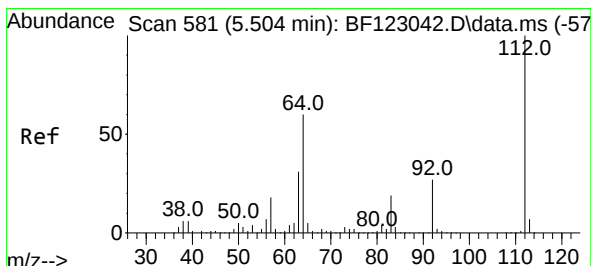
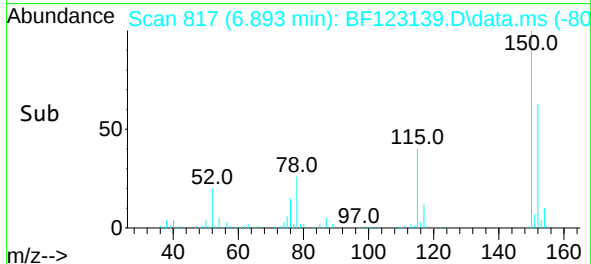
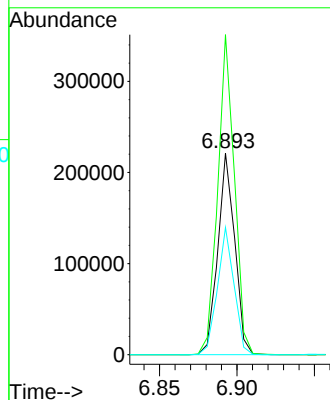
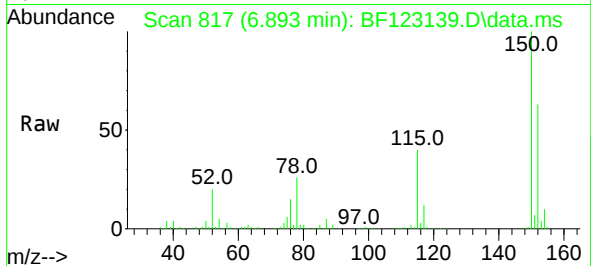




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

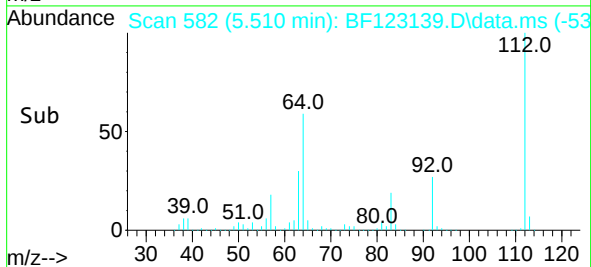
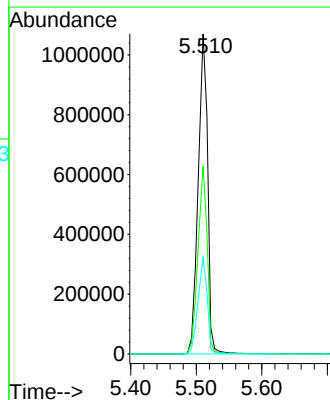
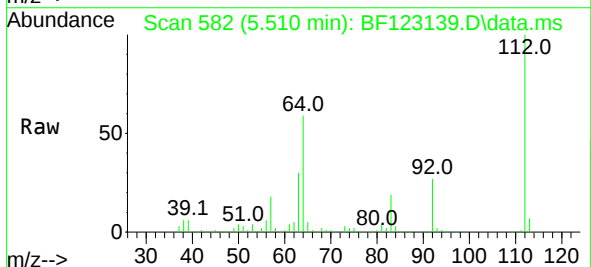
Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion:152 Resp: 167727
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 63.1 49.3 73.9



#5
2-Fluorophenol
Concen: 99.08 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:112 Resp: 1077335
Ion Ratio Lower Upper
112 100
64 58.9 46.9 70.3
63 30.1 24.5 36.7

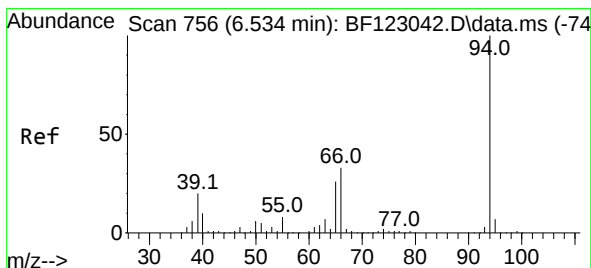
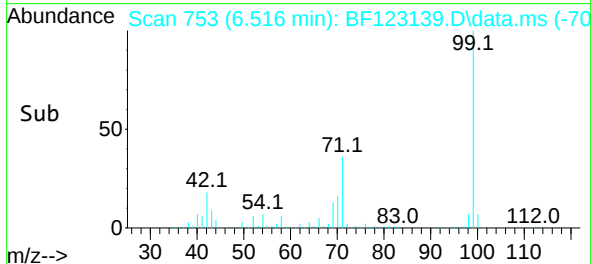
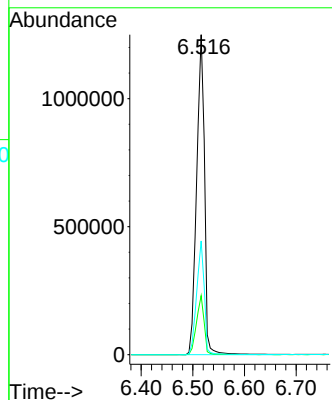
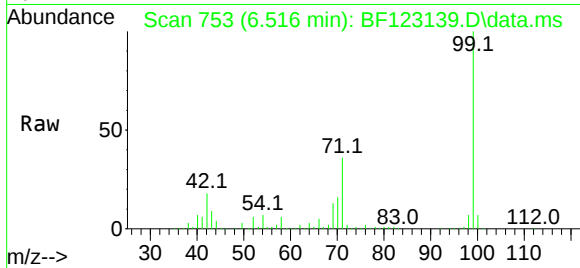




#7
Phenol-d6
Concen: 90.14 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

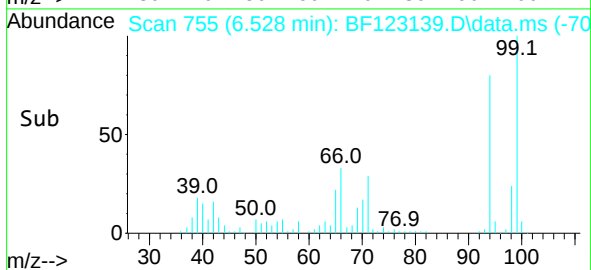
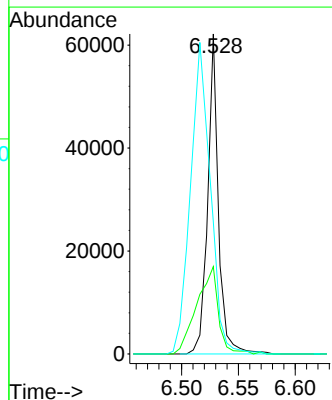
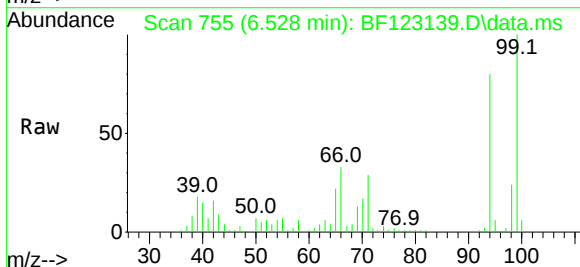
Instrument :
BNA_F
ClientSampled :
TS-1

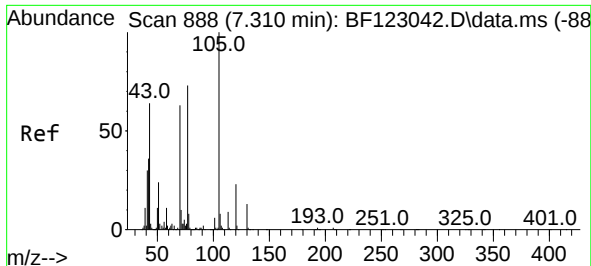
Tgt Ion: 99 Resp: 1328553
Ion Ratio Lower Upper
99 100
42 18.4 13.8 20.6
71 35.5 26.9 40.3



#10
Phenol
Concen: 2.78 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

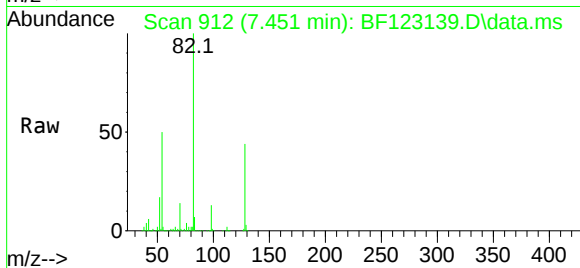
Tgt Ion: 94 Resp: 40633
Ion Ratio Lower Upper
94 100
65 27.3 11.2 51.2
66 41.2 25.8 65.8



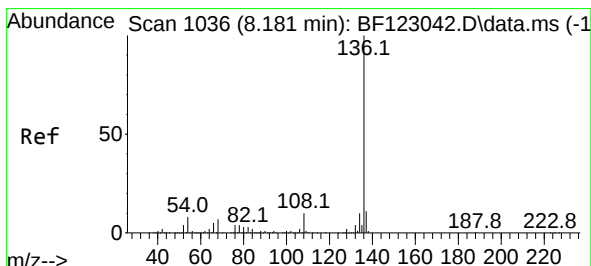
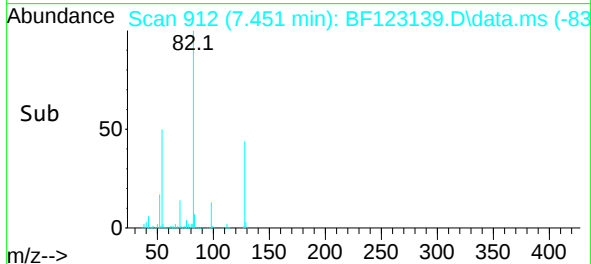
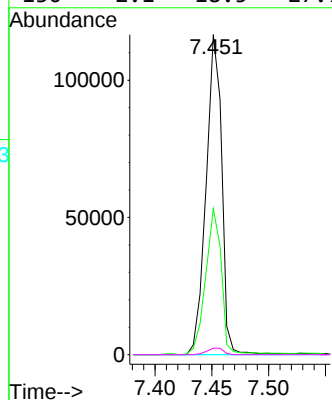


#19
n-Nitroso-di-n-propylamine
Concen: 12.60 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Instrument :
BNA_F
ClientSampled :
TS-1

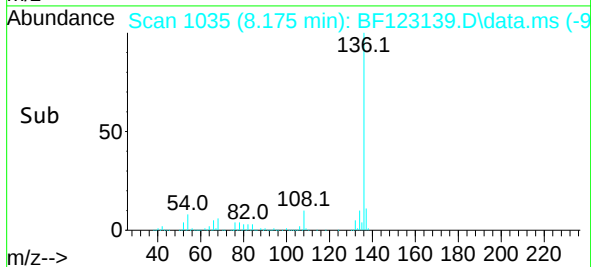
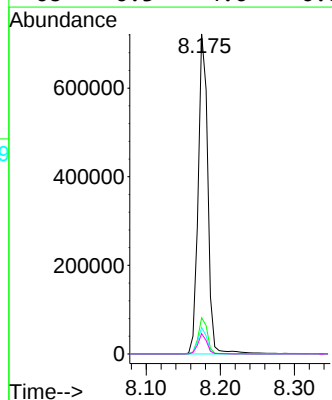
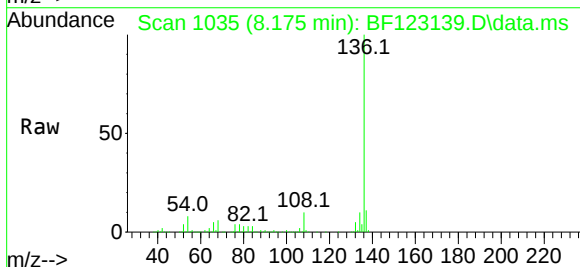


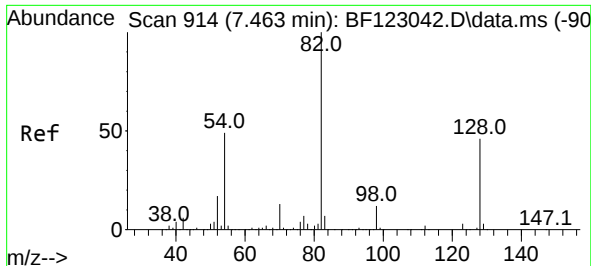
Tgt Ion: 70 Resp: 111668
Ion Ratio Lower Upper
70 100
42 45.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion: 136 Resp: 650944
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 5.5 8.3
68 6.3 4.6 6.8

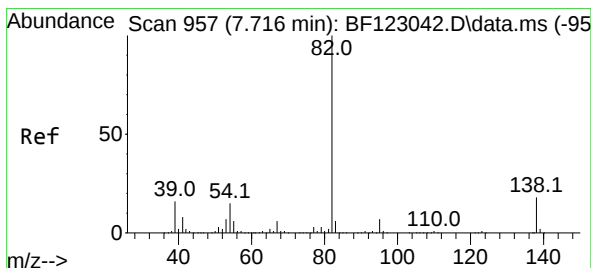
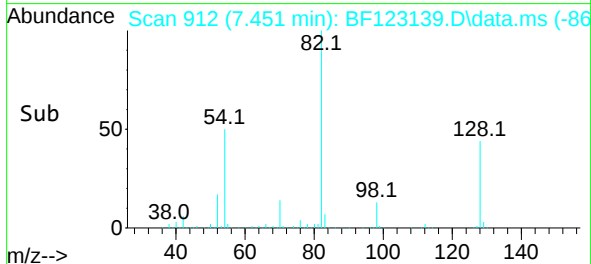
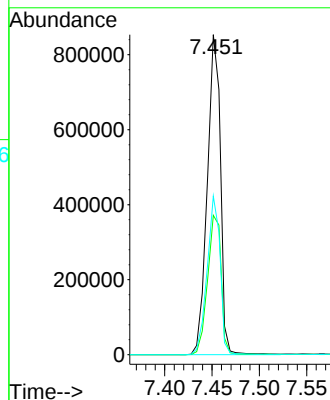
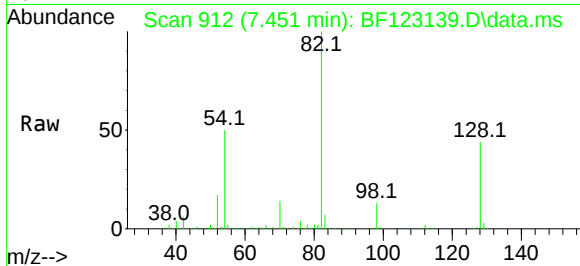




#23
Nitrobenzene-d5
Concen: 63.80 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

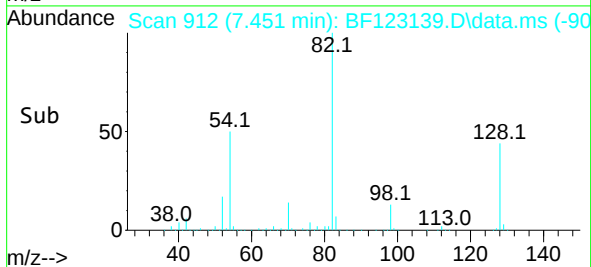
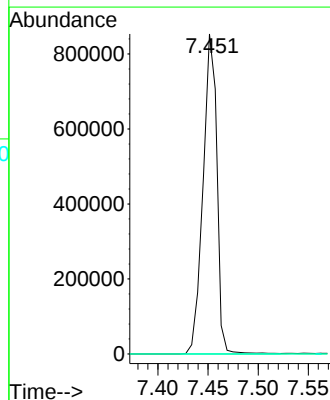
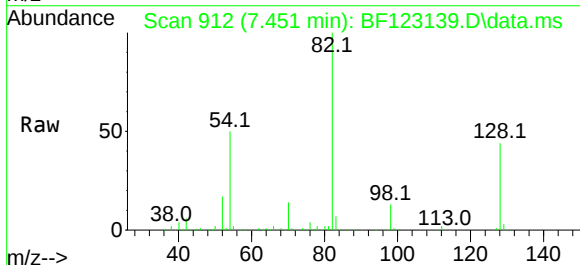
Instrument :
BNA_F
ClientSampleId :
TS-1

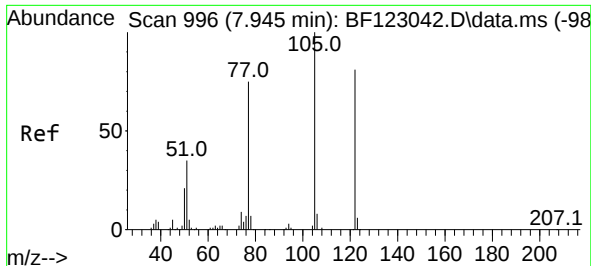
Tgt Ion: 82 Resp: 825273
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.4
54 49.5 38.4 57.6



#25
Isophorone
Concen: 34.83 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

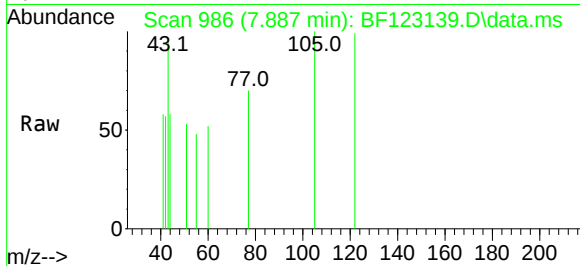
Tgt Ion: 82 Resp: 825258
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



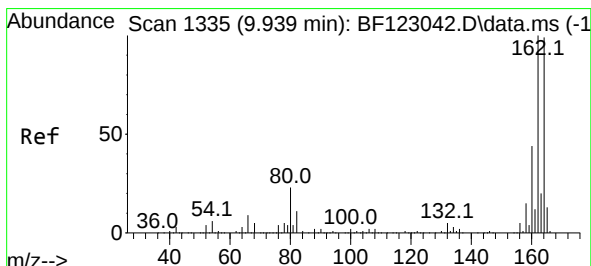
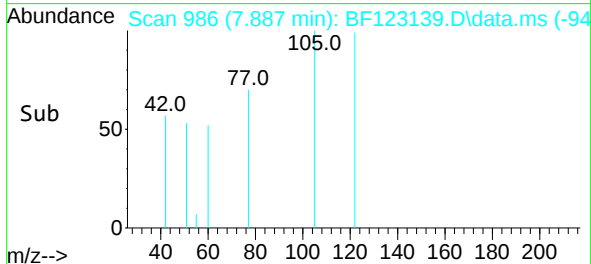
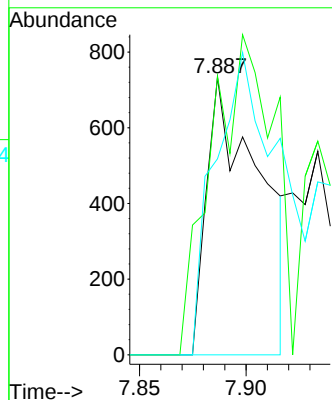


#32
Benzoic acid
Concen: 5.06 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.058 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Instrument :
BNA_F
ClientSampleId :
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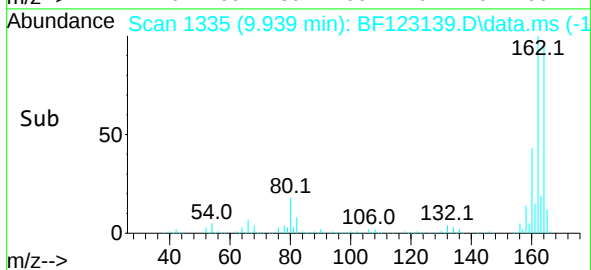
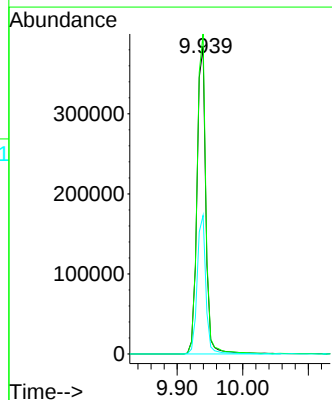
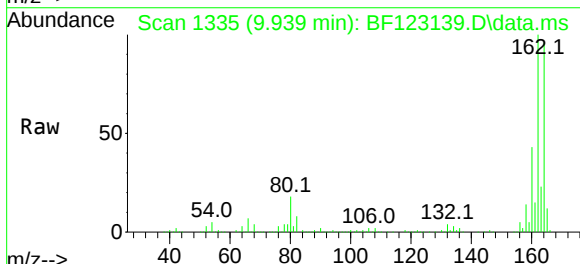


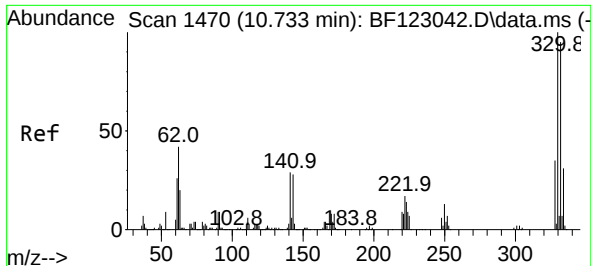
Tgt Ion:122 Resp: 1259
Ion Ratio Lower Upper
122 100
105 100.5 104.8 144.8#
77 70.7 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:164 Resp: 359610
Ion Ratio Lower Upper
164 100
162 104.5 80.8 121.2
160 45.2 35.4 53.0

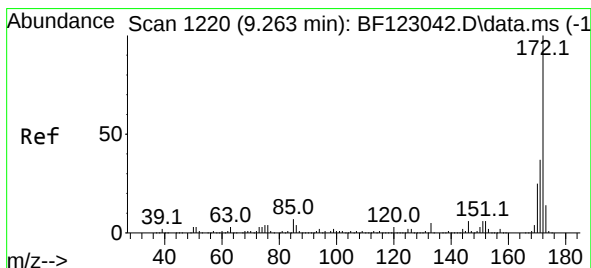
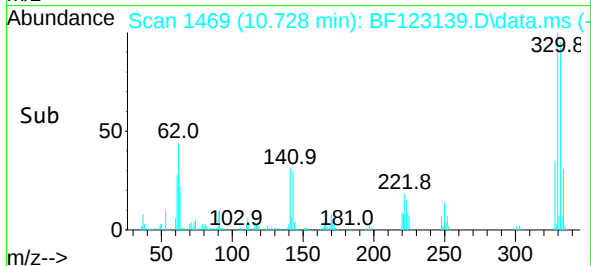
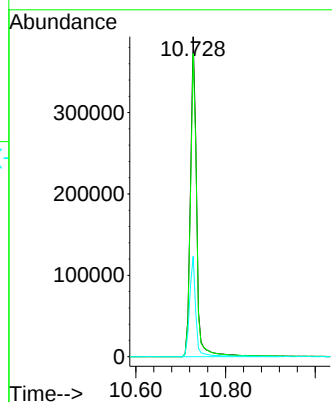
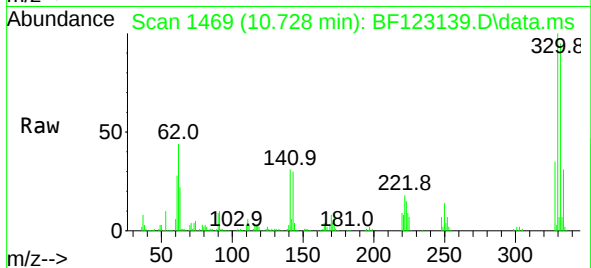




#42
2,4,6-Tribromophenol
Concen: 96.58 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

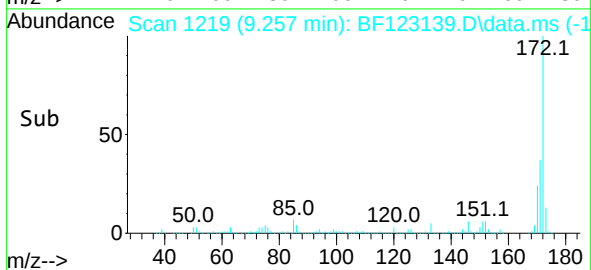
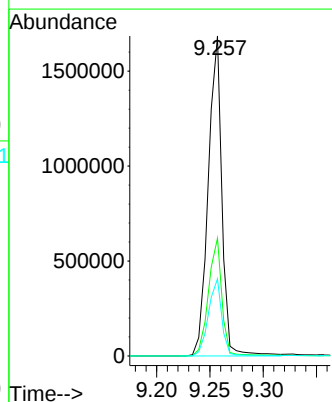
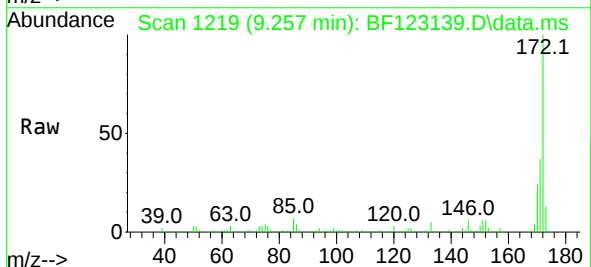
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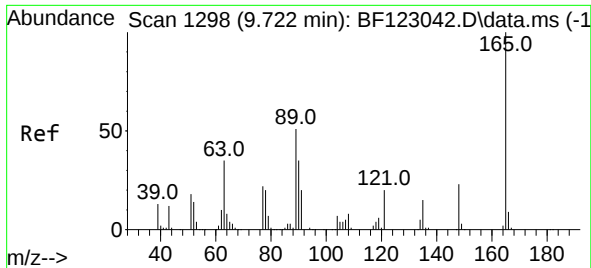
Tgt Ion:330 Resp: 377031
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 31.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 62.44 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:172 Resp: 1510469
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.1 19.5 29.3

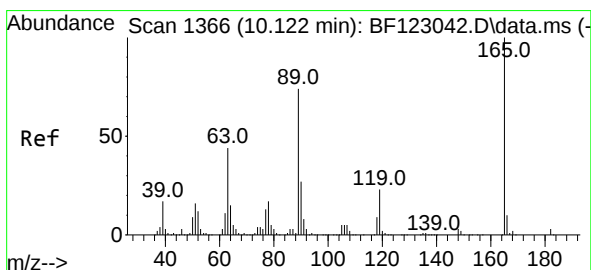
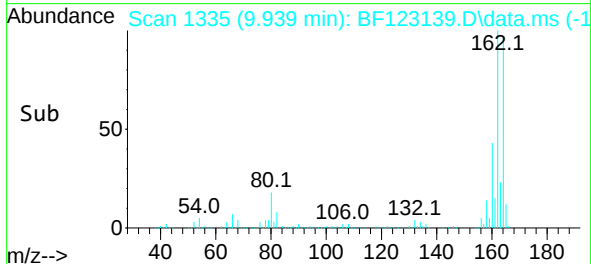
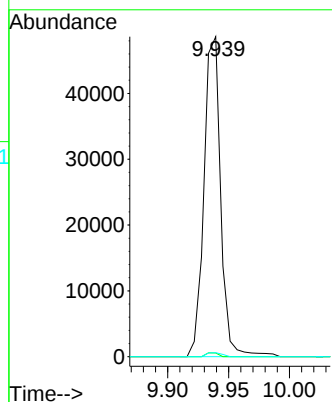
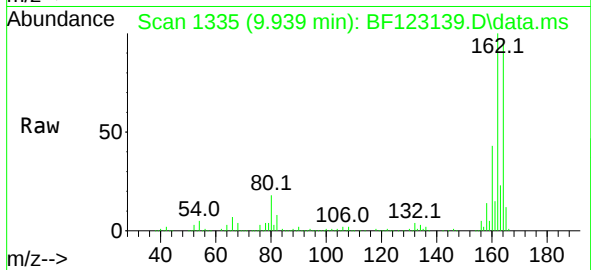




#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

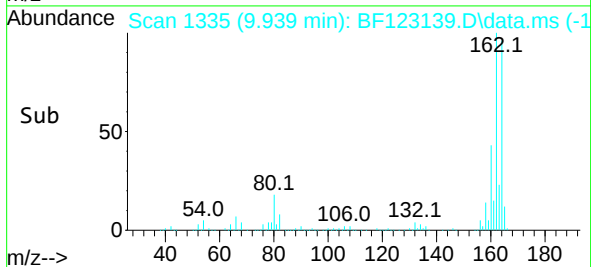
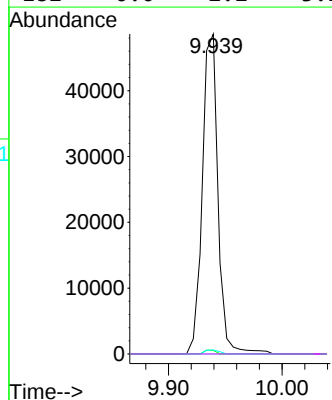
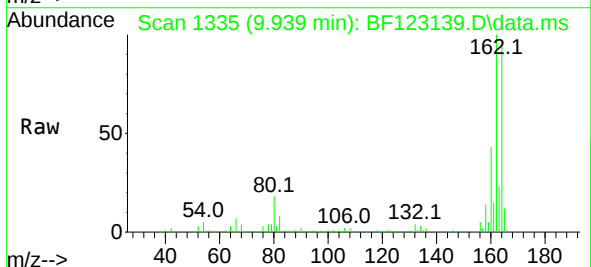
Instrument :
BNA_F
ClientSampleId :
TS-1

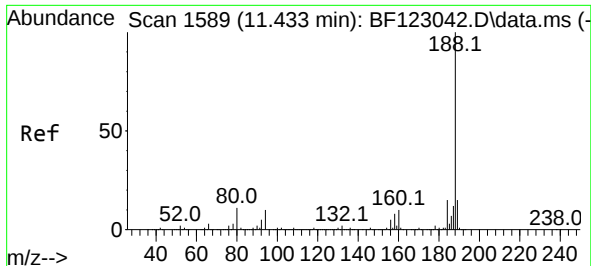
Tgt Ion:165 Resp: 46588
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:165 Resp: 46589
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

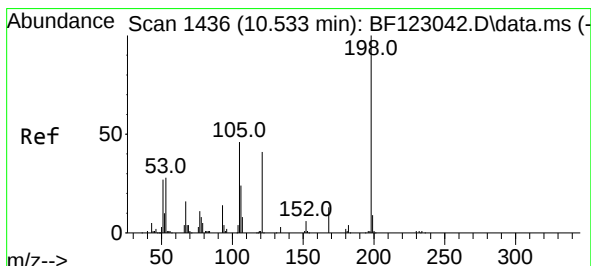
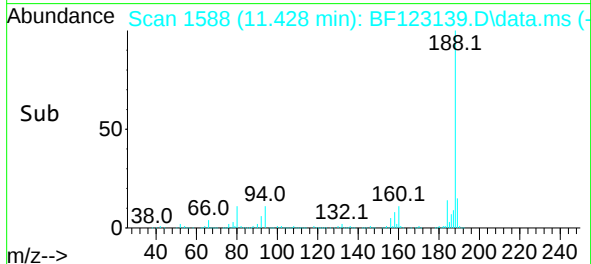
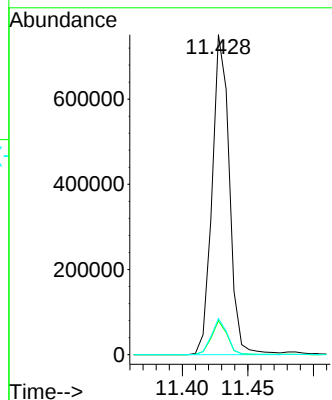
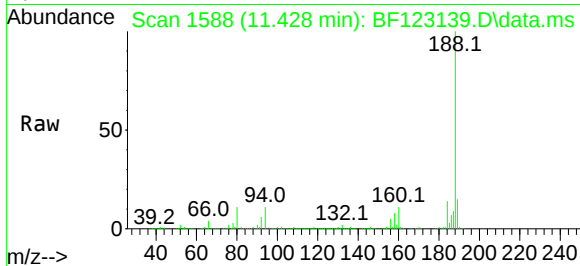




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

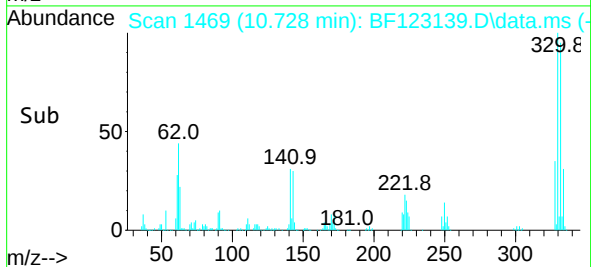
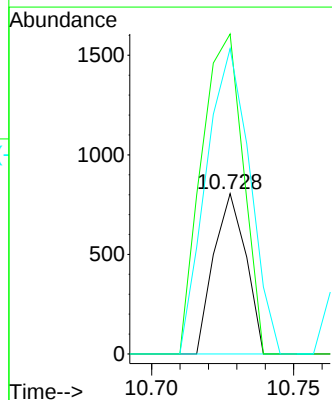
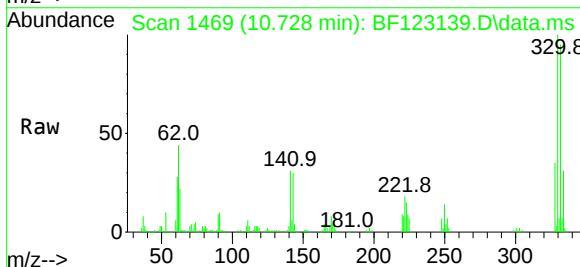
Instrument :
BNA_F
ClientSampleId :
TS-1

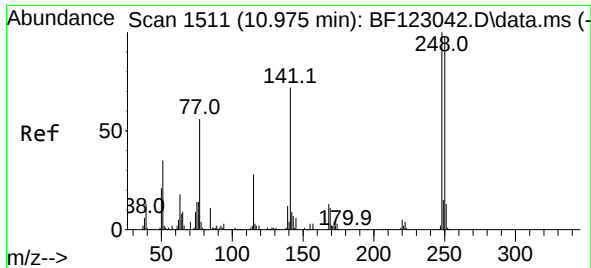
Tgt Ion:188 Resp: 686993
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.13 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:198 Resp: 632
Ion Ratio Lower Upper
198 100
51 199.6 20.3 60.3#
105 190.6 23.0 63.0#

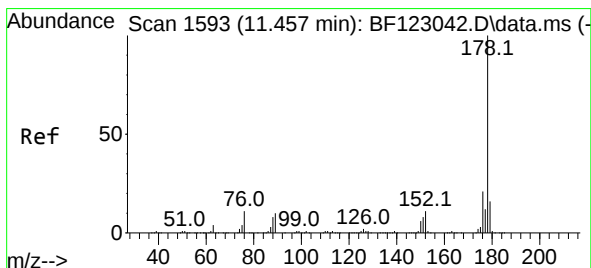
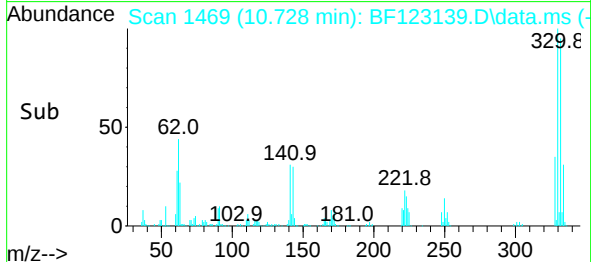
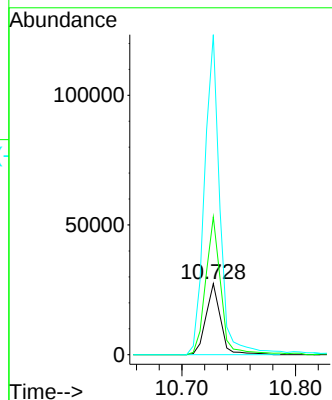
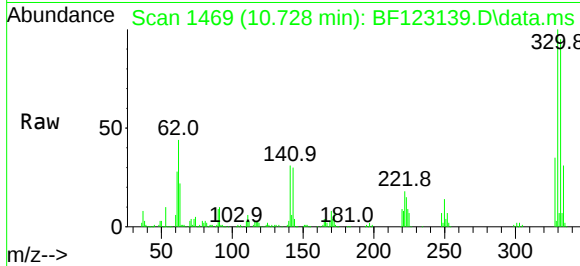




#67
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

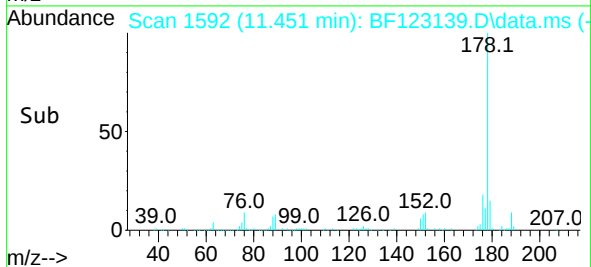
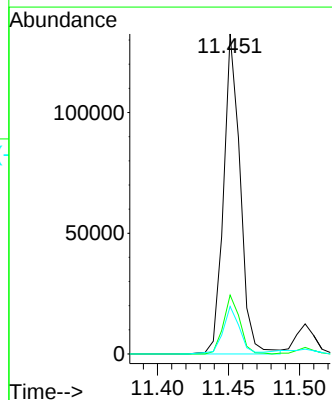
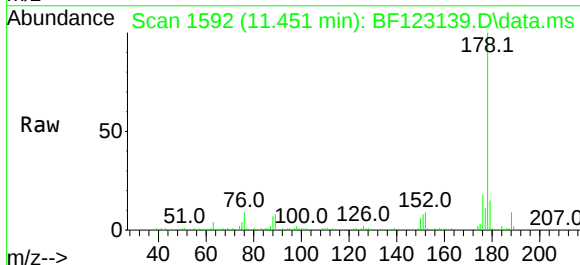
Instrument :
BNA_F
ClientSampled :
TS-1

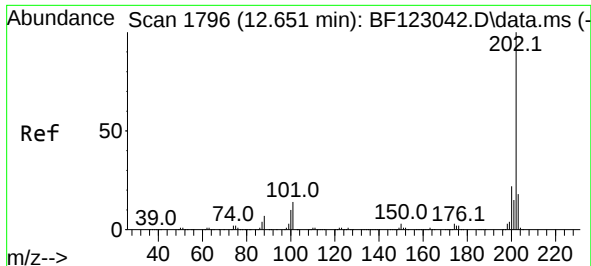
Tgt Ion:248 Resp: 24484
Ion Ratio Lower Upper
248 100
250 194.0 76.8 115.2#
141 450.4 59.8 89.8#



#71
Phenanthrene
Concen: 2.53 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:178 Resp: 107789
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.2
179 14.9 12.7 19.1

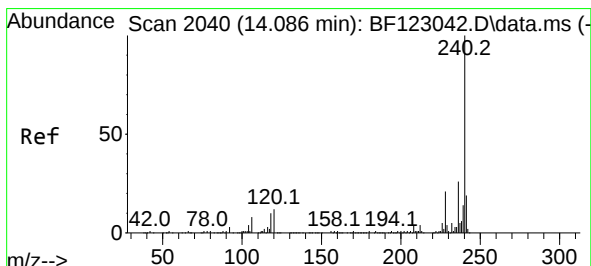
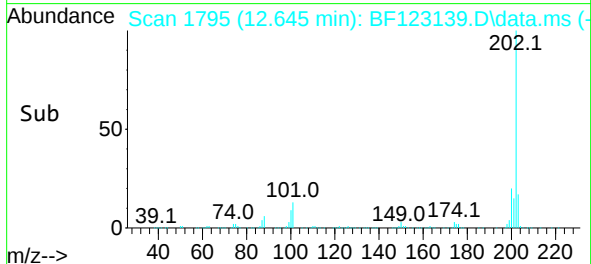
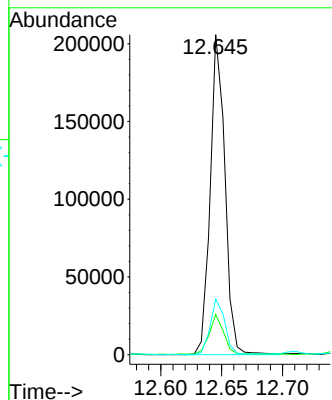
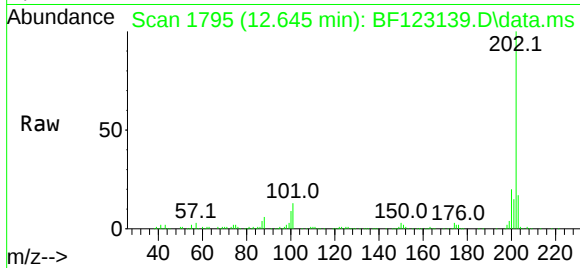




#75
Fluoranthene
Concen: 4.06 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

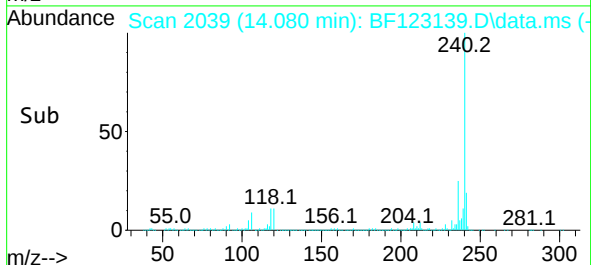
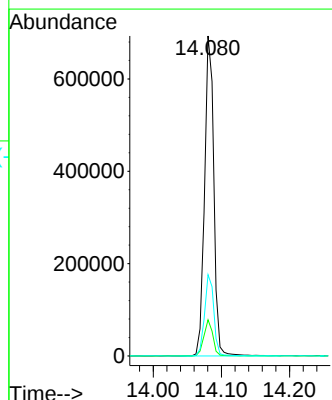
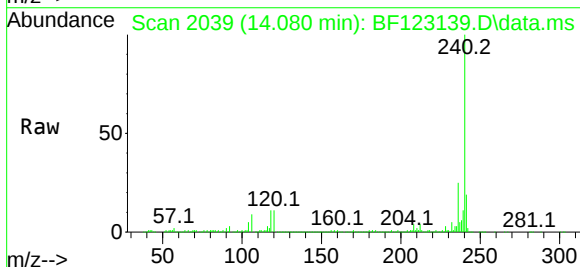
Instrument :
BNA_F
ClientSampled :
TS-1

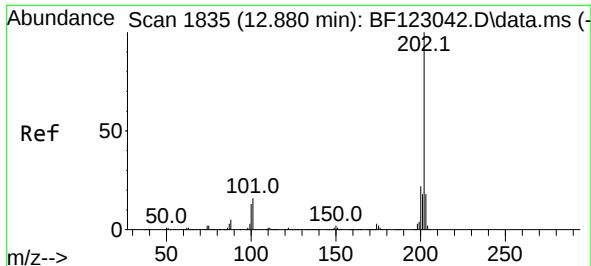
Tgt Ion:202 Resp: 173014
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.2
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:240 Resp: 655465
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.4 20.3 30.5

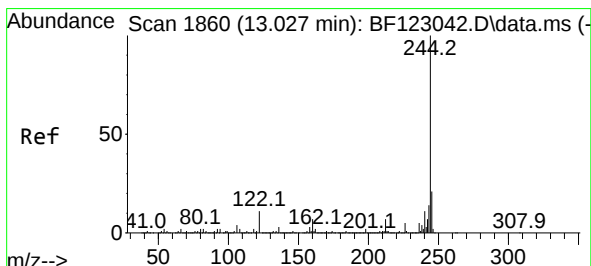
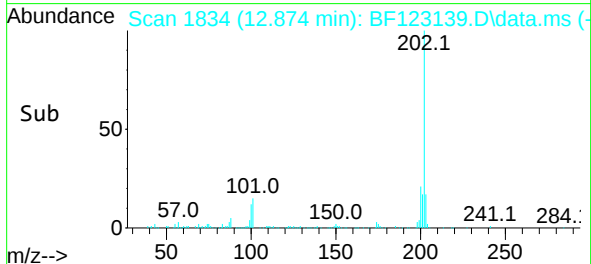
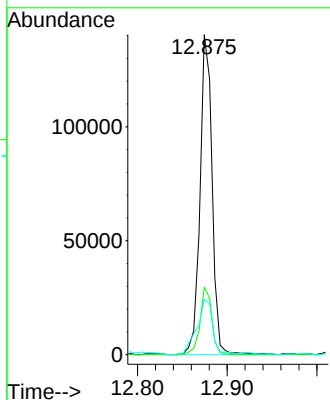
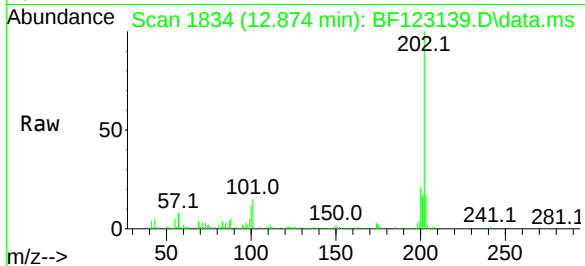




#78
Pyrene
Concen: 2.66 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

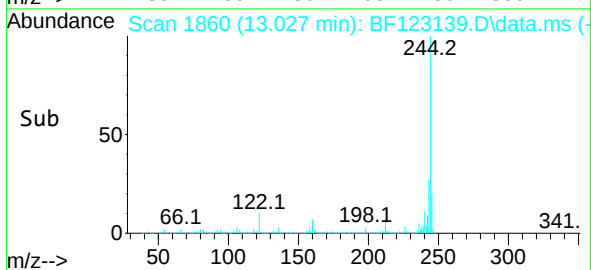
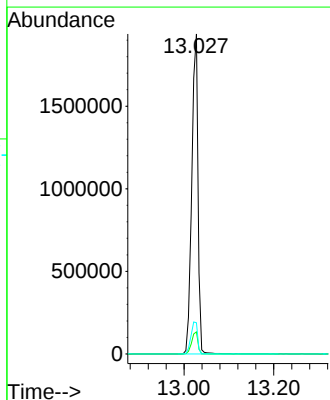
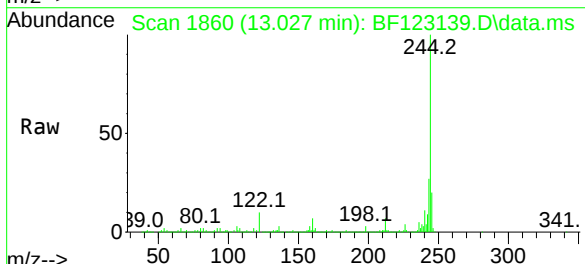
Instrument :
BNA_F
ClientSampleId :
TS-1

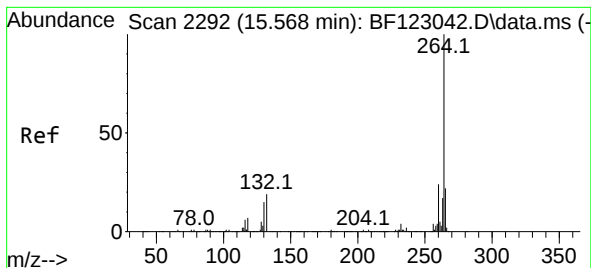
Tgt Ion:202 Resp: 131607
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.3 14.6 21.8



#79
Terphenyl-d14
Concen: 55.73 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123139.D
Acq: 5 Feb 2021 17:12

Tgt Ion:244 Resp: 1859382
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.7 8.3 12.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF123139.D

Acq: 5 Feb 2021 17:12

Tgt Ion:264 Resp: 553786

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

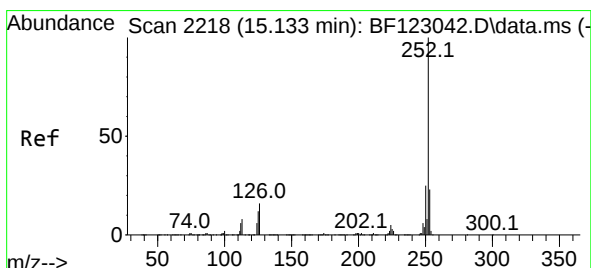
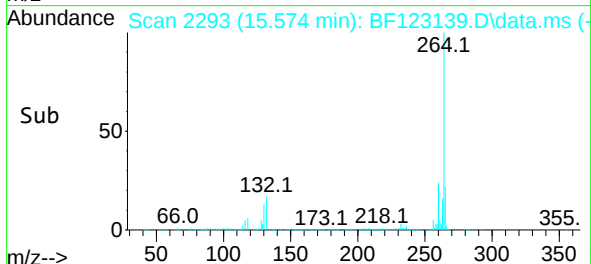
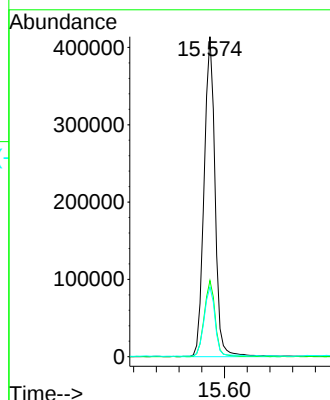
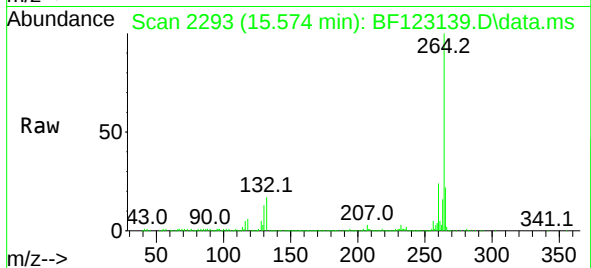
265 21.7 17.0 25.6

Instrument :

BNA_F

ClientSampled :

TS-1



#88

Benzo(b)fluoranthene

Concen: 2.65 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF123139.D

Acq: 5 Feb 2021 17:12

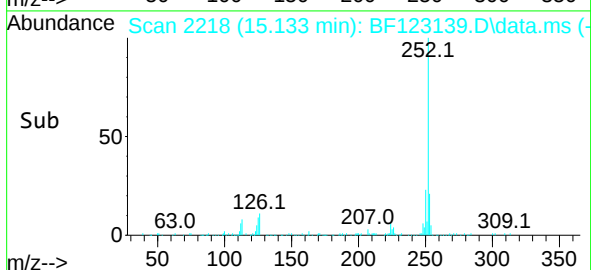
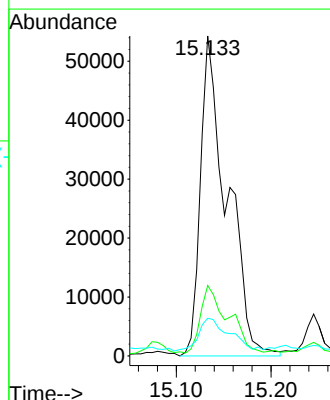
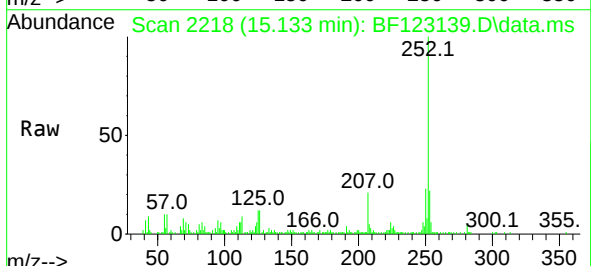
Tgt Ion:252 Resp: 105855

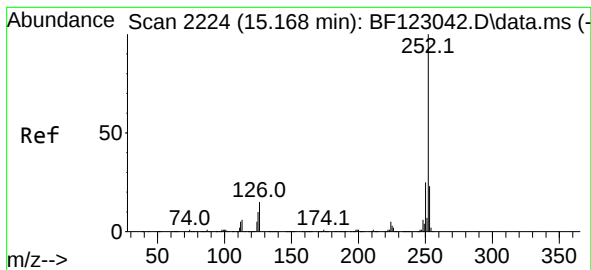
Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

125 11.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 2.85 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.035 min

Lab File: BF123139.D

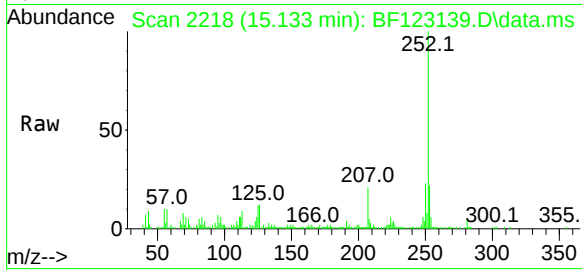
Acq: 5 Feb 2021 17:12

Instrument :

BNA_F

ClientSampleId :

TS-1



Tgt Ion:252 Resp: 105855

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.8 8.4 12.6

