

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123724.D
 Acq On : 24 Apr 2021 18:53
 Operator : JU/CG
 Sample : M2150-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-40

Quant Time: Apr 26 03:00:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

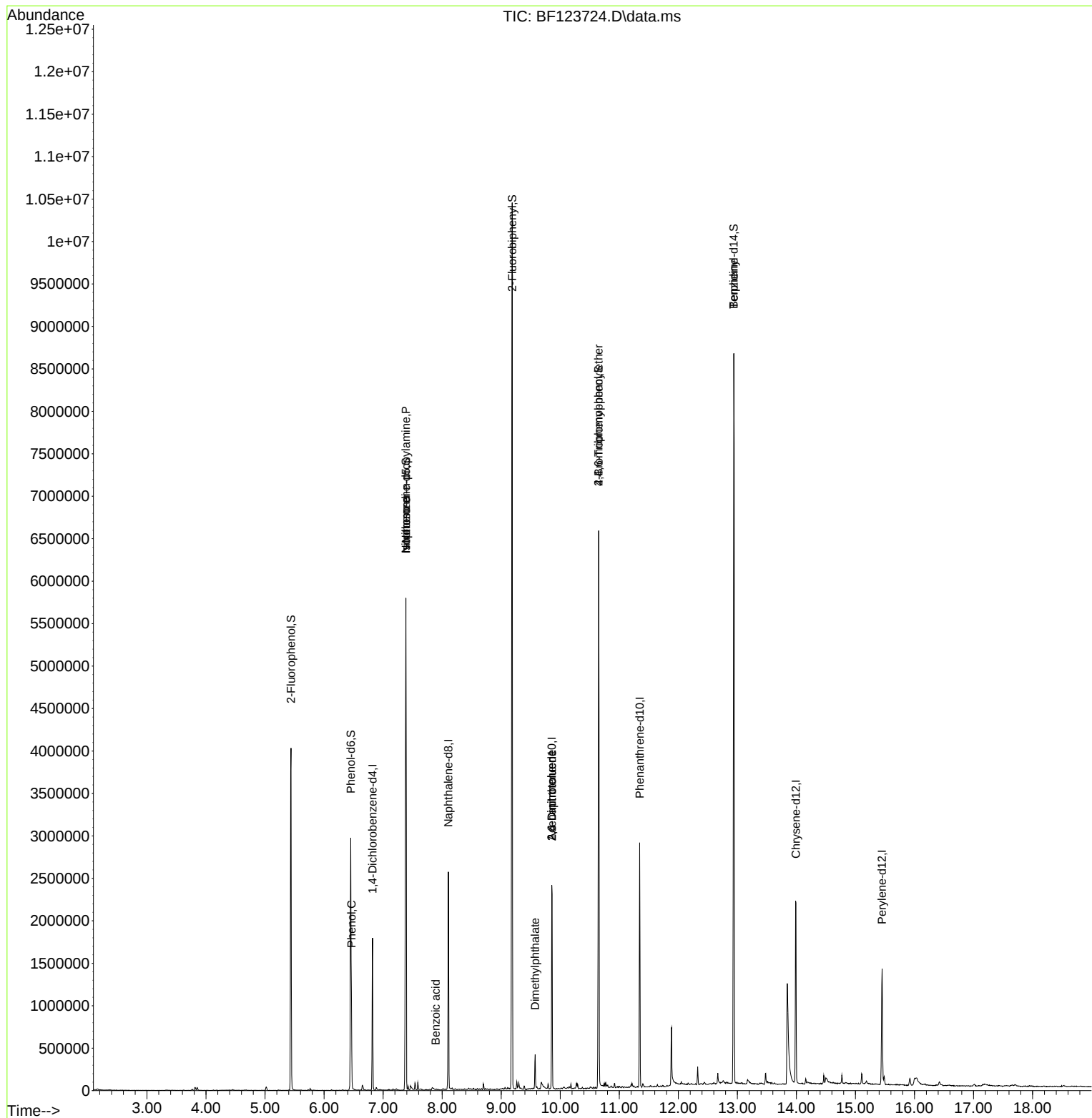
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	239199	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	909110	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	465205	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	926831	20.00	ng	-0.03
76) Chrysene-d12	13.992	240	779427	20.00	ng	-0.03
86) Perylene-d12	15.451	264	612104	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	924634	62.48	ng	-0.02
7) Phenol-d6	6.451	99	754857	36.81	ng	-0.02
23) Nitrobenzene-d5	7.386	82	1902989	96.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	800895	152.03	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	2925189	93.73	ng	-0.02
79) Terphenyl-d14	12.939	244	3077918	76.75	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.463	94	236590	10.86	ng	91
19) n-Nitroso-di-n-propyla...	7.386	70	255985	18.84	ng	# 75
25) Isophorone	7.386	82	1902966	49.60	ng	# 69
32) Benzoic acid	7.892	122	146	4.56	ng	# 33
50) Dimethylphthalate	9.574	163	132890	4.13	ng	98
51) 2,6-Dinitrotoluene	9.857	165	61214	8.68	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	61214	6.50	ng	# 17
67) 4-Bromophenyl-phenylether	10.651	248	45739	4.72	ng	# 1
77) Benzidine	12.939	184	45904	2.17	ng	99
89) Benzo(k)fluoranthene	15.051	252	724	Below	Cal	# 21
92) Benzo(g,h,i)perylene	17.333	276	785	Below	Cal	# 41

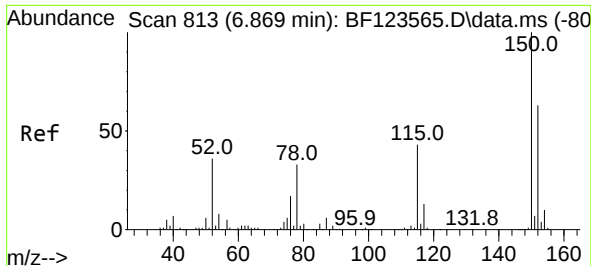
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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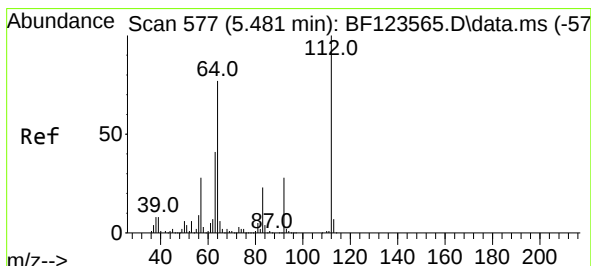
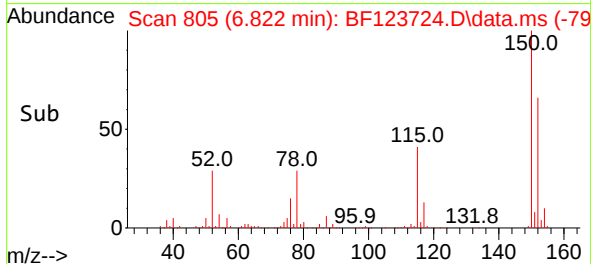
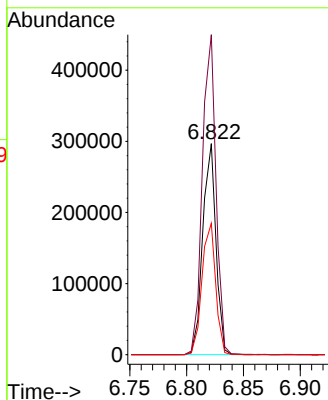
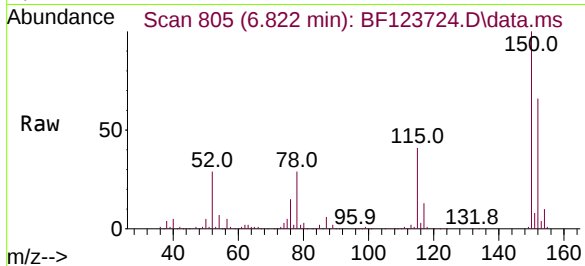




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.017 min
 Lab File: BF123724.D
 Acq: 24 Apr 2021 18:53

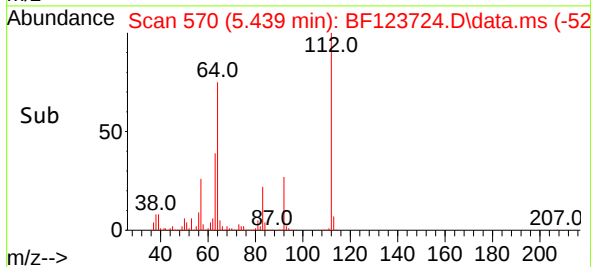
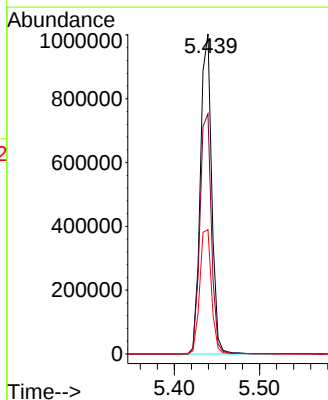
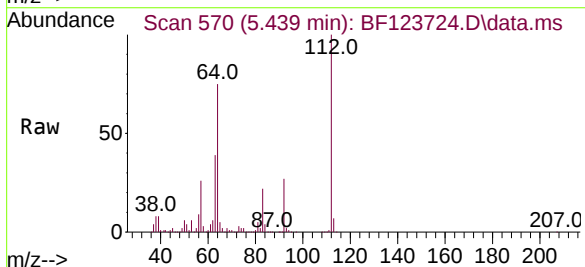
Instrument :
 BNA_F
 ClientSampleId :
 TWP-40

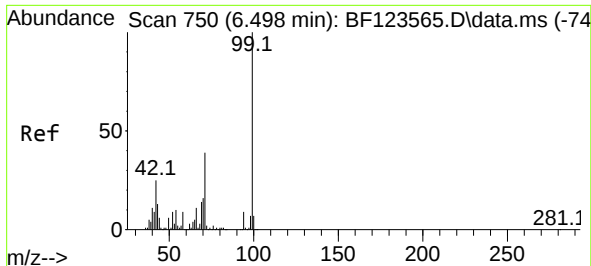
Tgt Ion:152 Resp: 239199
 Ion Ratio Lower Upper
 152 100
 150 151.6 127.0 190.6
 115 62.2 54.3 81.5



#5
 2-Fluorophenol
 Concen: 62.48 ng
 RT: 5.439 min Scan# 570
 Delta R.T. -0.018 min
 Lab File: BF123724.D
 Acq: 24 Apr 2021 18:53

Tgt Ion:112 Resp: 924634
 Ion Ratio Lower Upper
 112 100
 64 75.1 61.4 92.0
 63 38.8 33.0 49.4

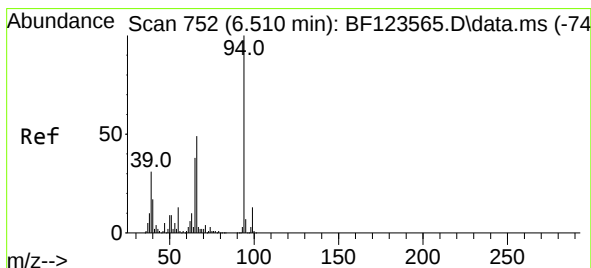
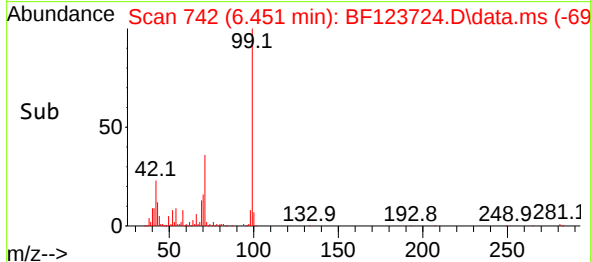
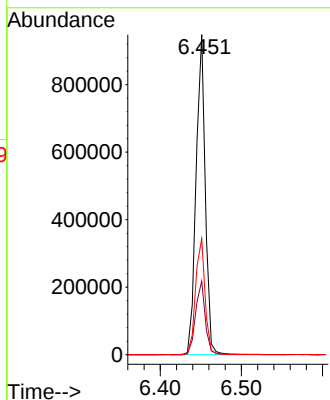
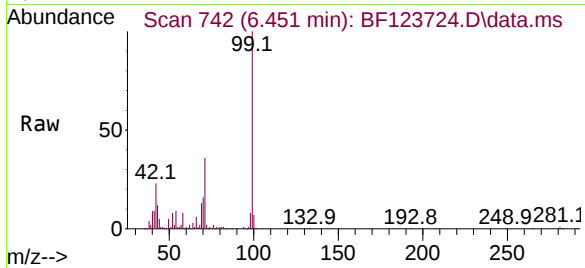




#7
Phenol-d6
Concen: 36.81 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.024 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

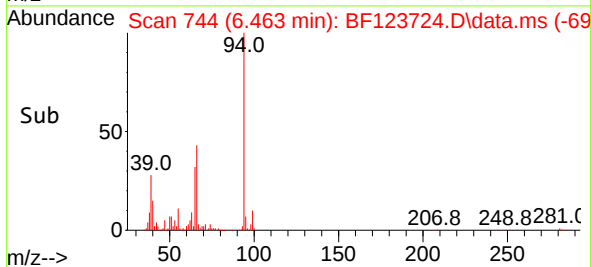
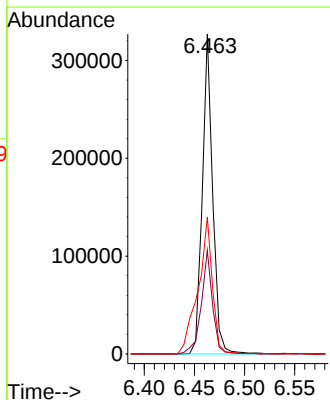
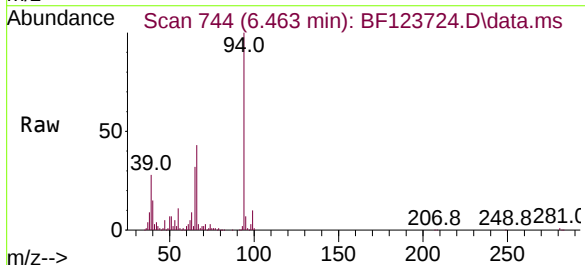
Instrument :
BNA_F
ClientSampleId :
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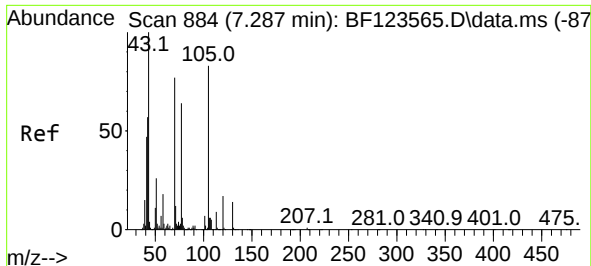
Tgt Ion: 99 Resp: 754857
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 36.2 31.1 46.7



#10
Phenol
Concen: 10.86 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.029 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

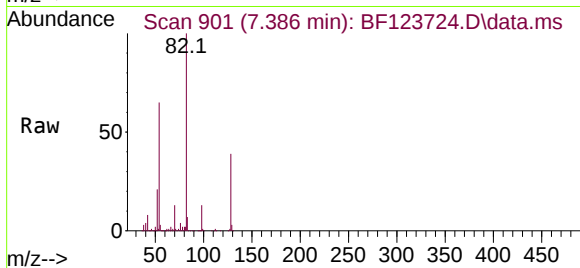
Tgt Ion: 94 Resp: 236590
Ion Ratio Lower Upper
94 100
65 32.4 18.1 58.1
66 42.8 29.0 69.0



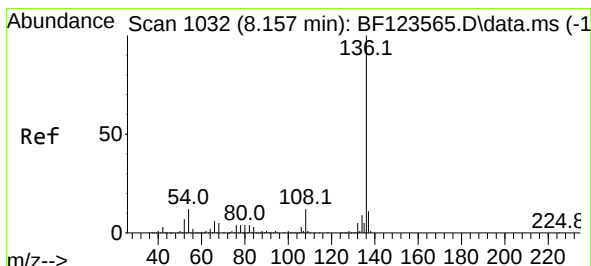
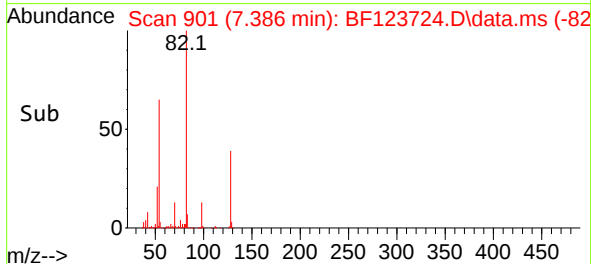
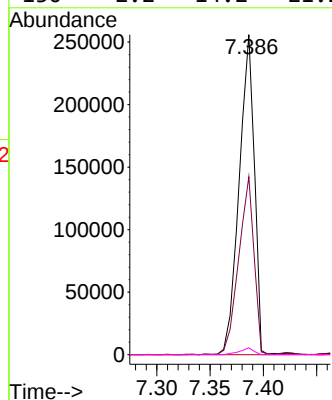


#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.129 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Instrument :
BNA_F
ClientSampleId :
TWP-40

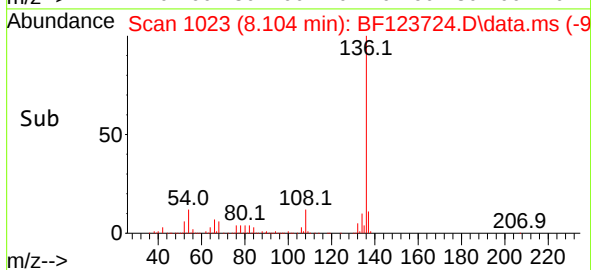
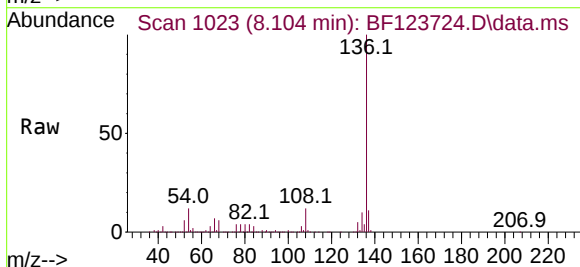
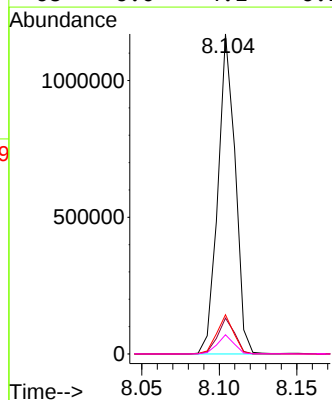


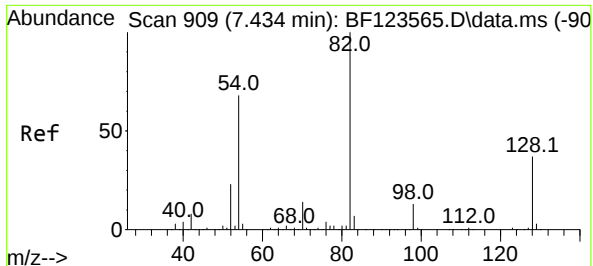
Tgt Ion: 70 Resp: 255985
Ion Ratio Lower Upper
70 100
42 55.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion: 136 Resp: 909110
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 12.3 9.8 14.6
68 6.0 4.1 6.1

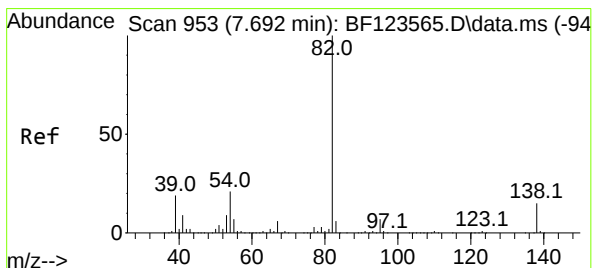
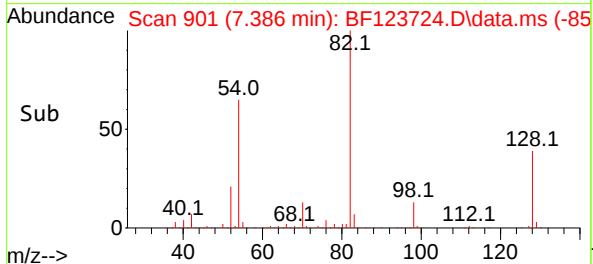
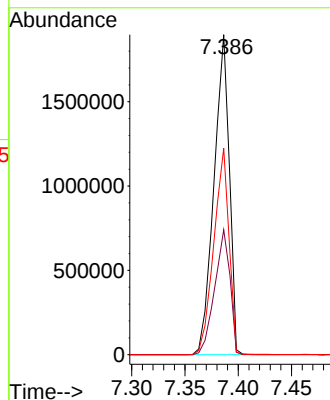
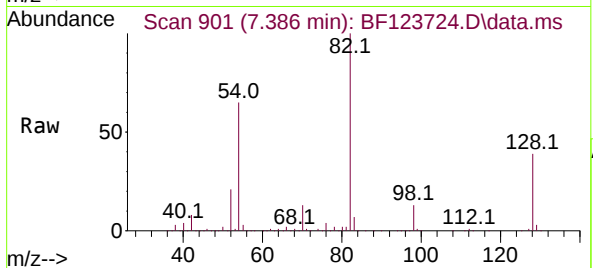




#23
Nitrobenzene-d5
Concen: 96.23 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.018 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

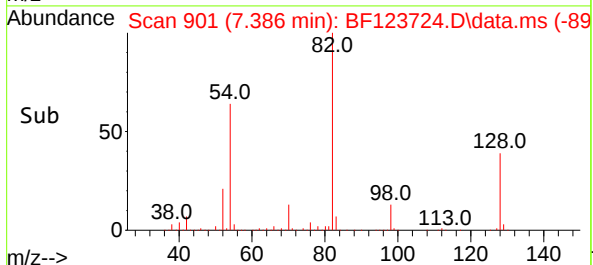
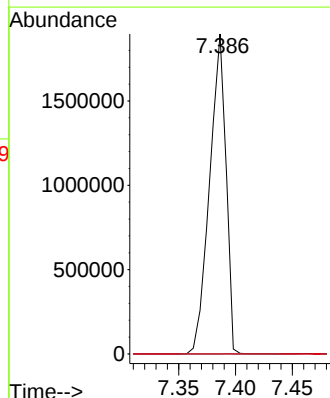
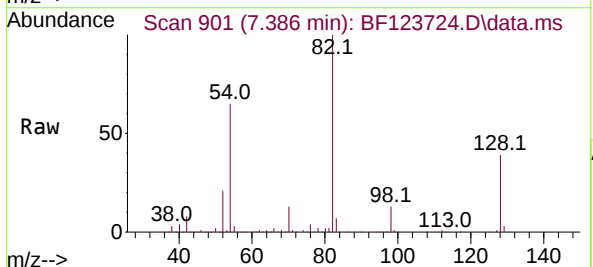
Instrument :
BNA_F
ClientSampleId :
TWP-40

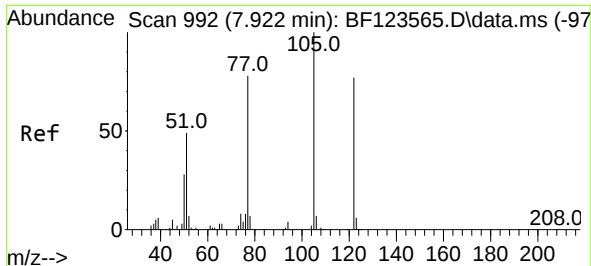
Tgt Ion: 82 Resp: 1902989
Ion Ratio Lower Upper
82 100
128 39.1 29.4 44.2
54 64.5 54.1 81.1



#25
Isophorone
Concen: 49.60 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.277 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion: 82 Resp: 1902966
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

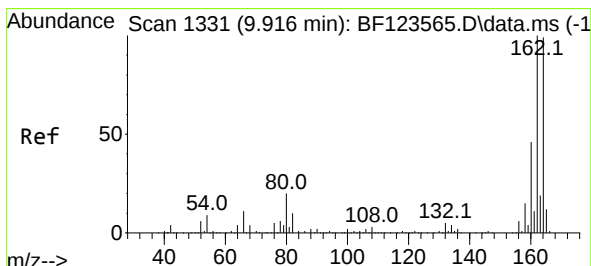
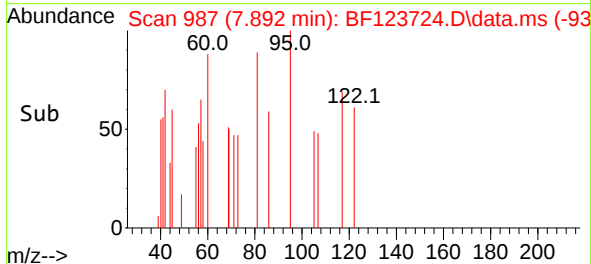
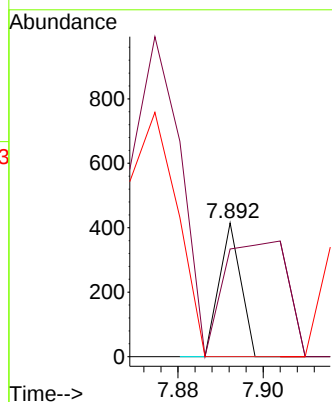
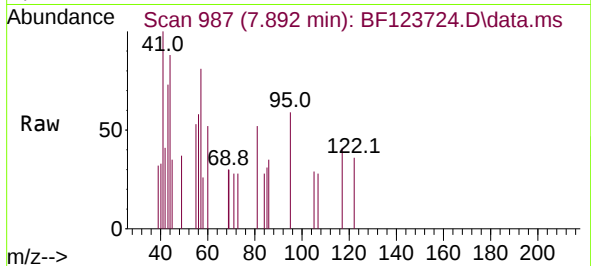




#32
Benzoic acid
Concen: 4.56 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

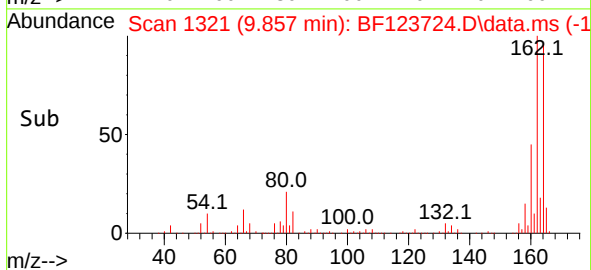
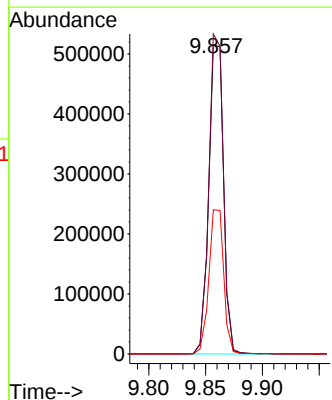
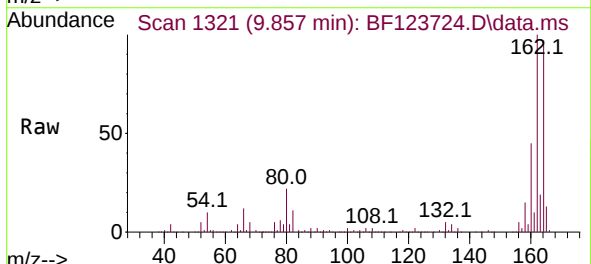
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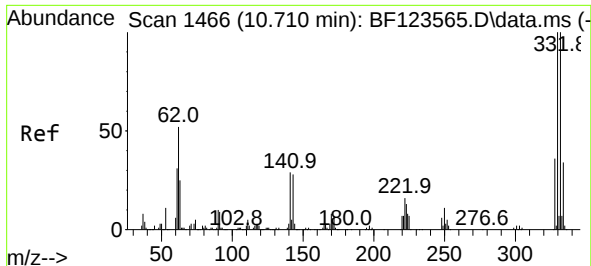
Tgt Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 80.5 107.8 147.8#
77 0.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion:164 Resp: 465205
Ion Ratio Lower Upper
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162 103.5 80.7 121.1
160 46.6 37.3 55.9

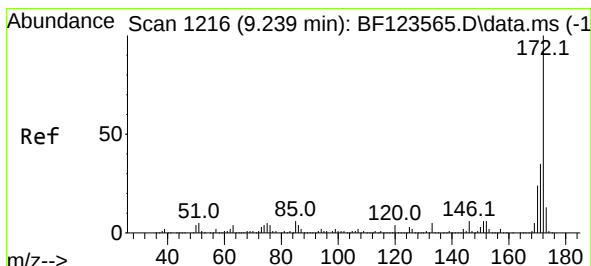
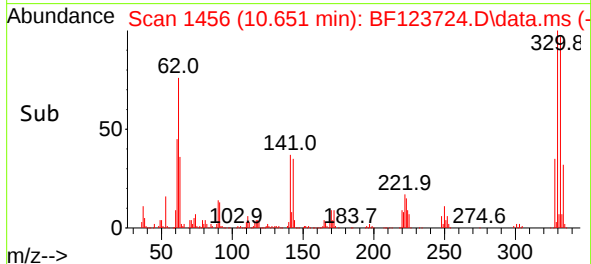
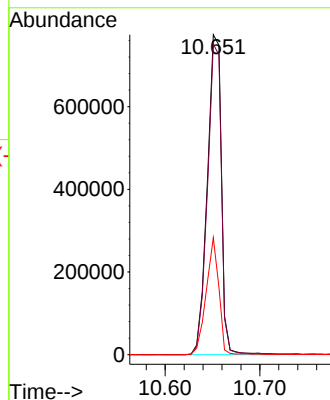
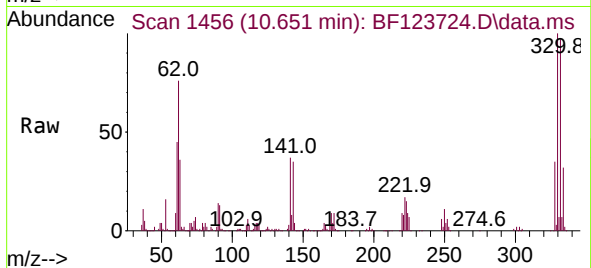




#42
2,4,6-Tribromophenol
Concen: 152.03 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

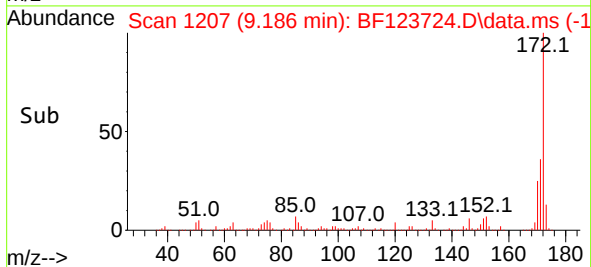
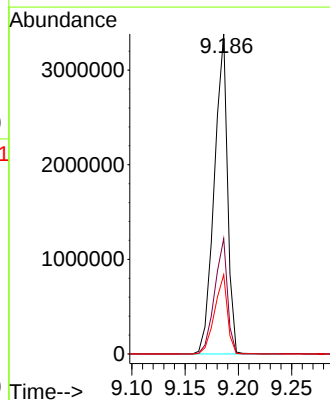
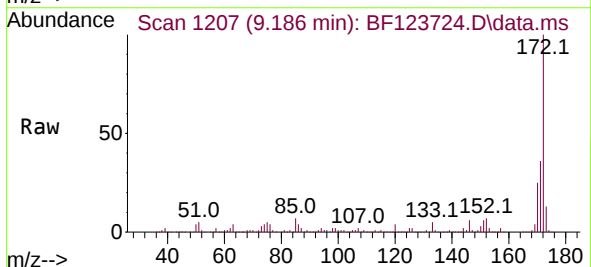
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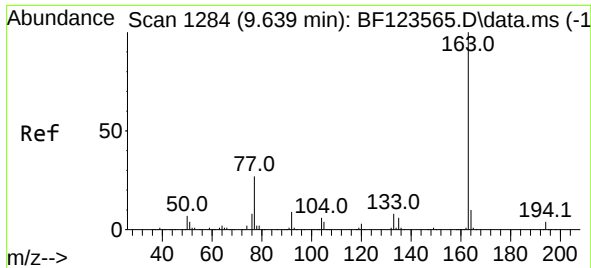
Tgt Ion: 330 Resp: 800895
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 93.73 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion: 172 Resp: 2925189
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.8 19.2 28.8

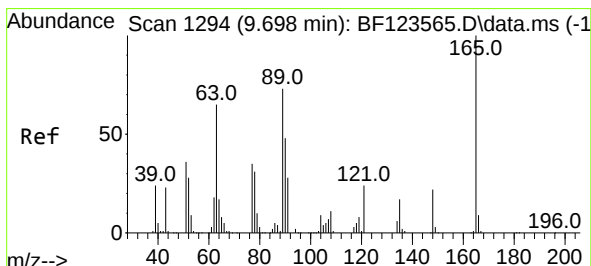
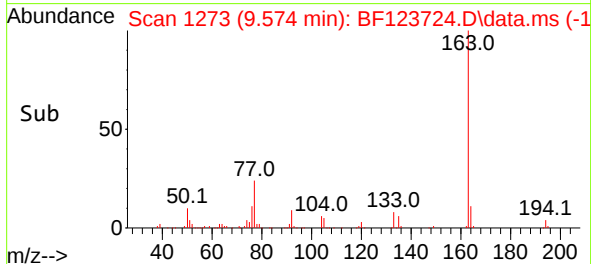
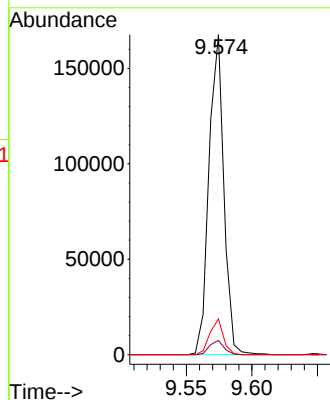
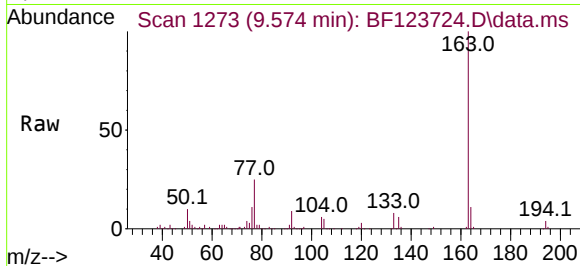




#50
Dimethylphthalate
Concen: 4.13 ng
RT: 9.574 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

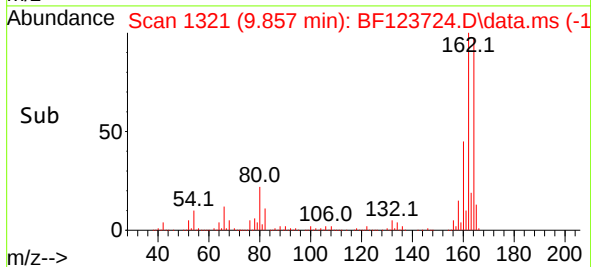
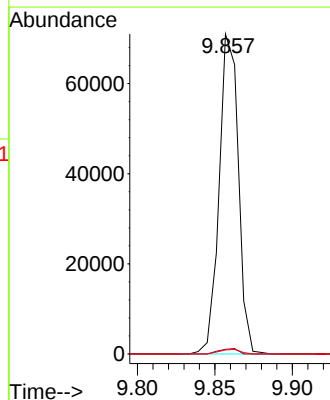
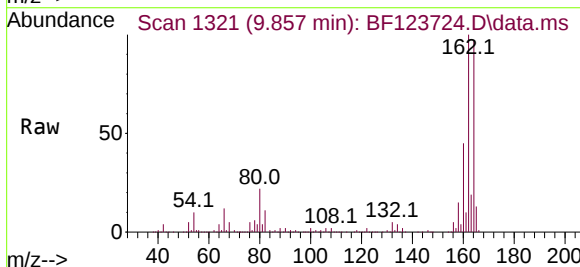
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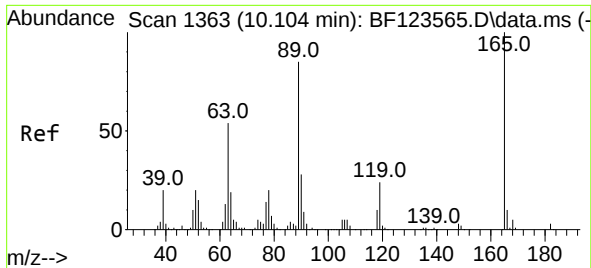
Tgt Ion:163 Resp: 132890
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 11.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion:165 Resp: 61214
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 1.2 58.8 88.2#

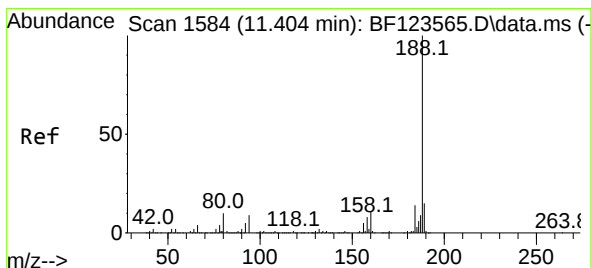
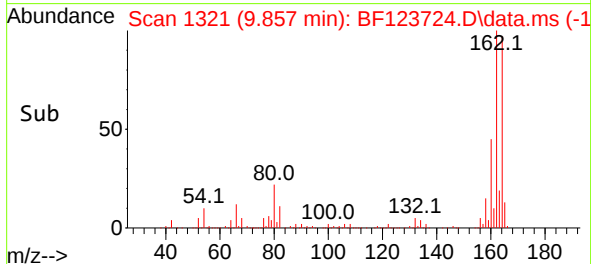
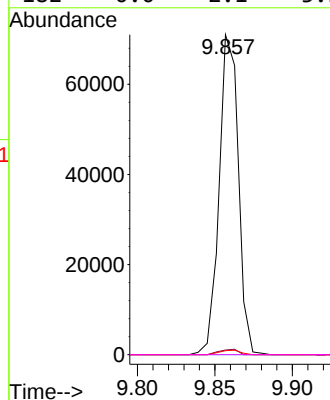
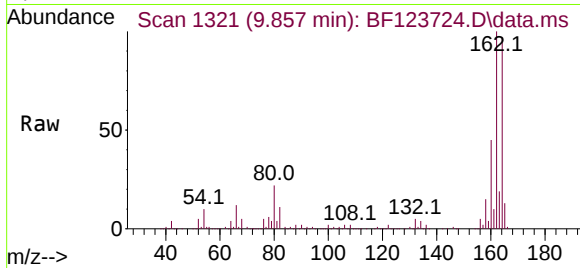




#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

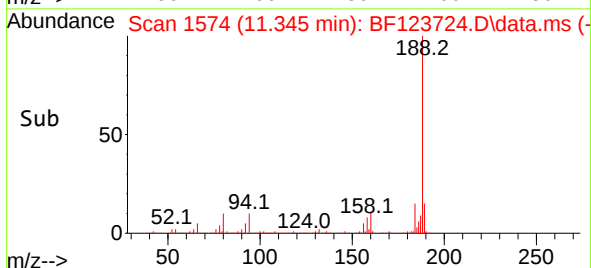
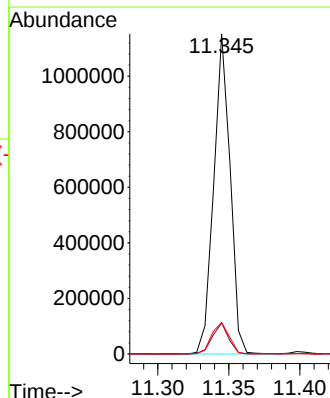
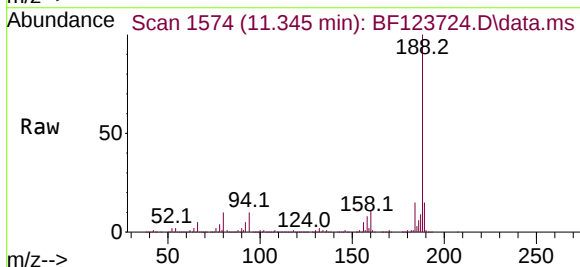
Instrument :
BNA_F
ClientSampleId :
TWP-40

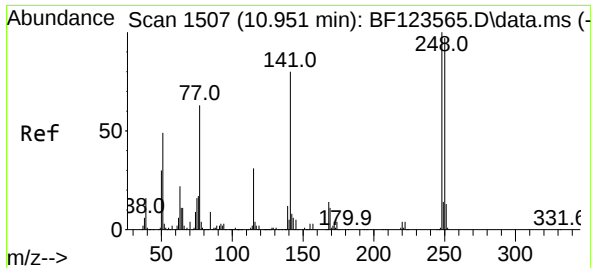
Tgt Ion:165	Resp:	61214
Ion Ratio	Lower	Upper
165	100	
63	1.5	43.5 65.3#
89	1.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion:188	Resp:	926831
Ion Ratio	Lower	Upper
188	100	
94	9.7	6.9 10.3
80	9.9	8.2 12.2

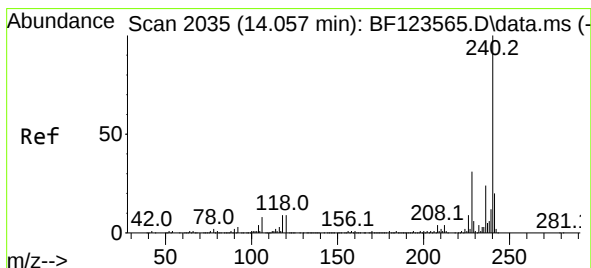
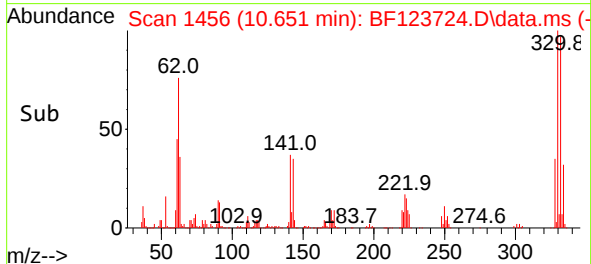
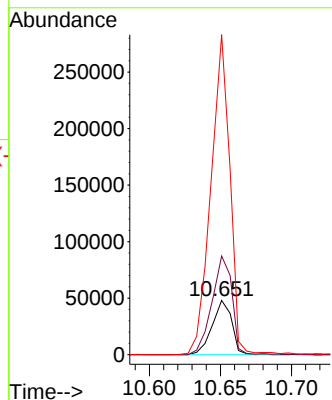
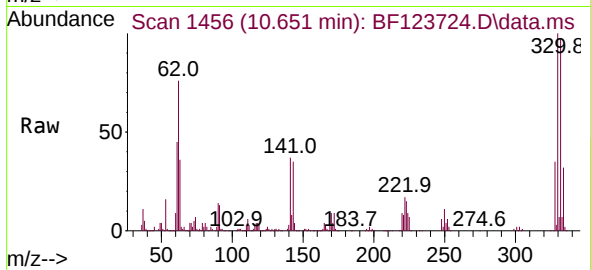




#67
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

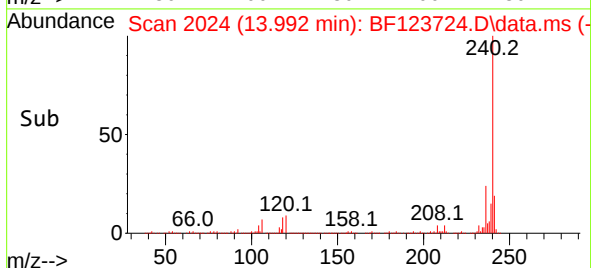
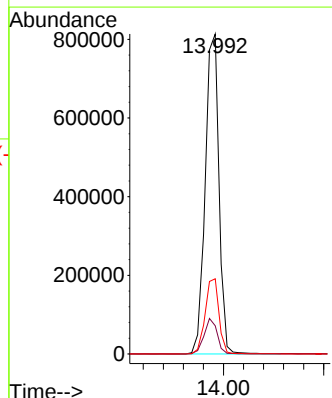
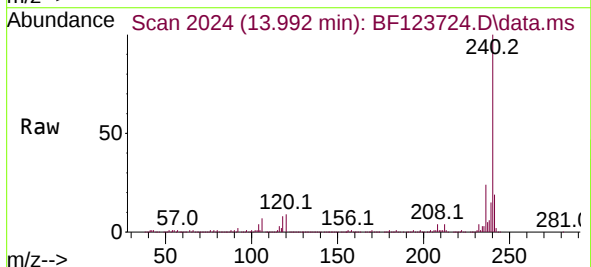
Instrument :
BNA_F
ClientSampled :
TWP-40

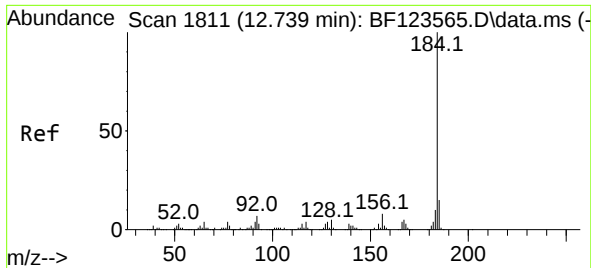
Tgt Ion:248 Resp: 45739
Ion Ratio Lower Upper
248 100
250 182.2 77.4 116.2#
141 590.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.029 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion:240 Resp: 779427
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 23.5 19.0 28.4

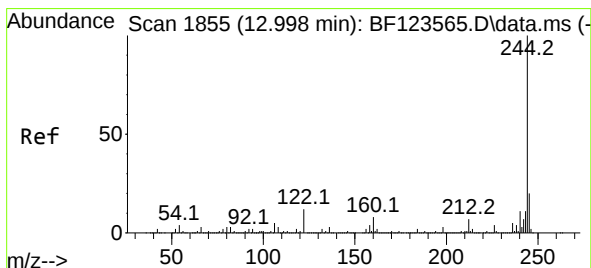
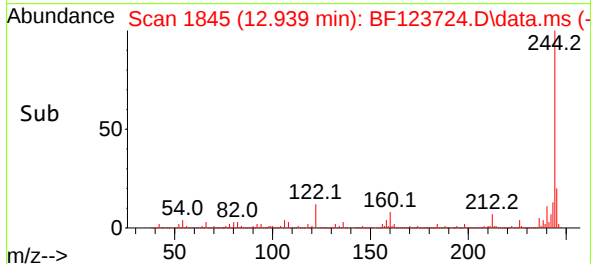
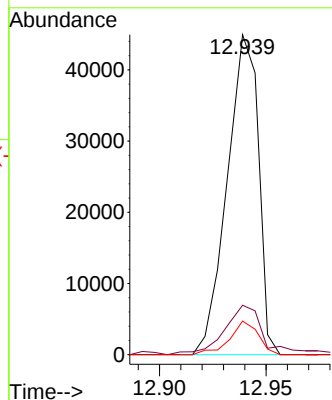
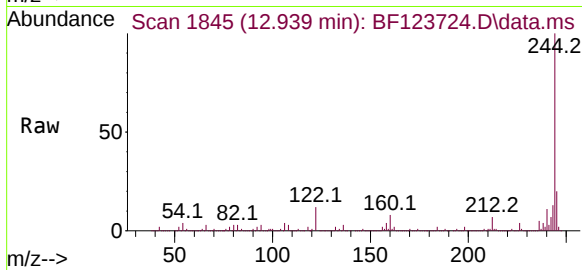




#77
Benzidine
Concen: 2.17 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.229 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

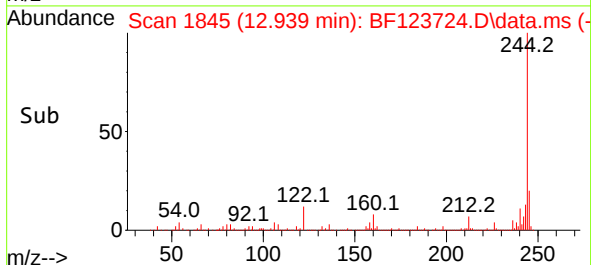
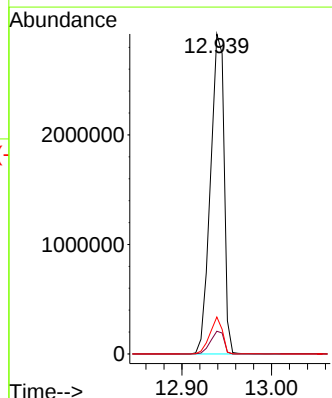
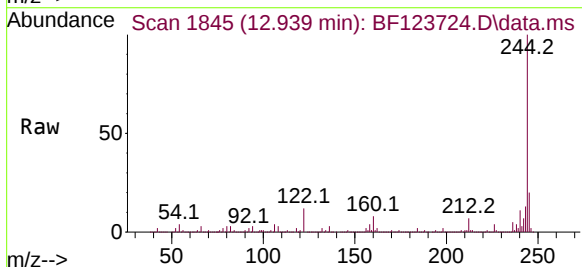
Instrument :
BNA_F
ClientSampleId :
TWP-40

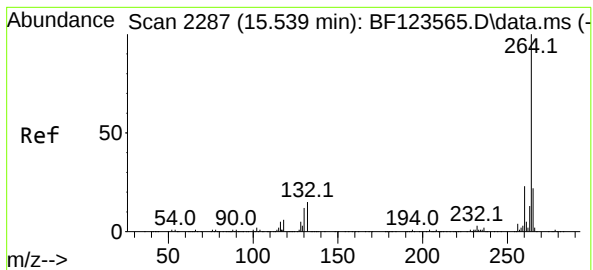
Tgt Ion:184 Resp: 45904
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 10.5 7.8 11.8



#79
Terphenyl-d14
Concen: 76.75 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.024 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Tgt Ion:244 Resp: 3077918
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.6 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.041 min
Lab File: BF123724.D
Acq: 24 Apr 2021 18:53

Instrument :
BNA_F
ClientSampleId :
TWP-40

Tgt Ion:264	Resp:	612104
Ion	Ratio	Lower Upper
264	100	
260	23.5	18.7 28.1
265	21.4	17.8 26.8

