

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123444.D
 Acq On : 24 Mar 2021 17:50
 Operator : JU/CG
 Sample : M1770-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Quant Time: Mar 25 00:39:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

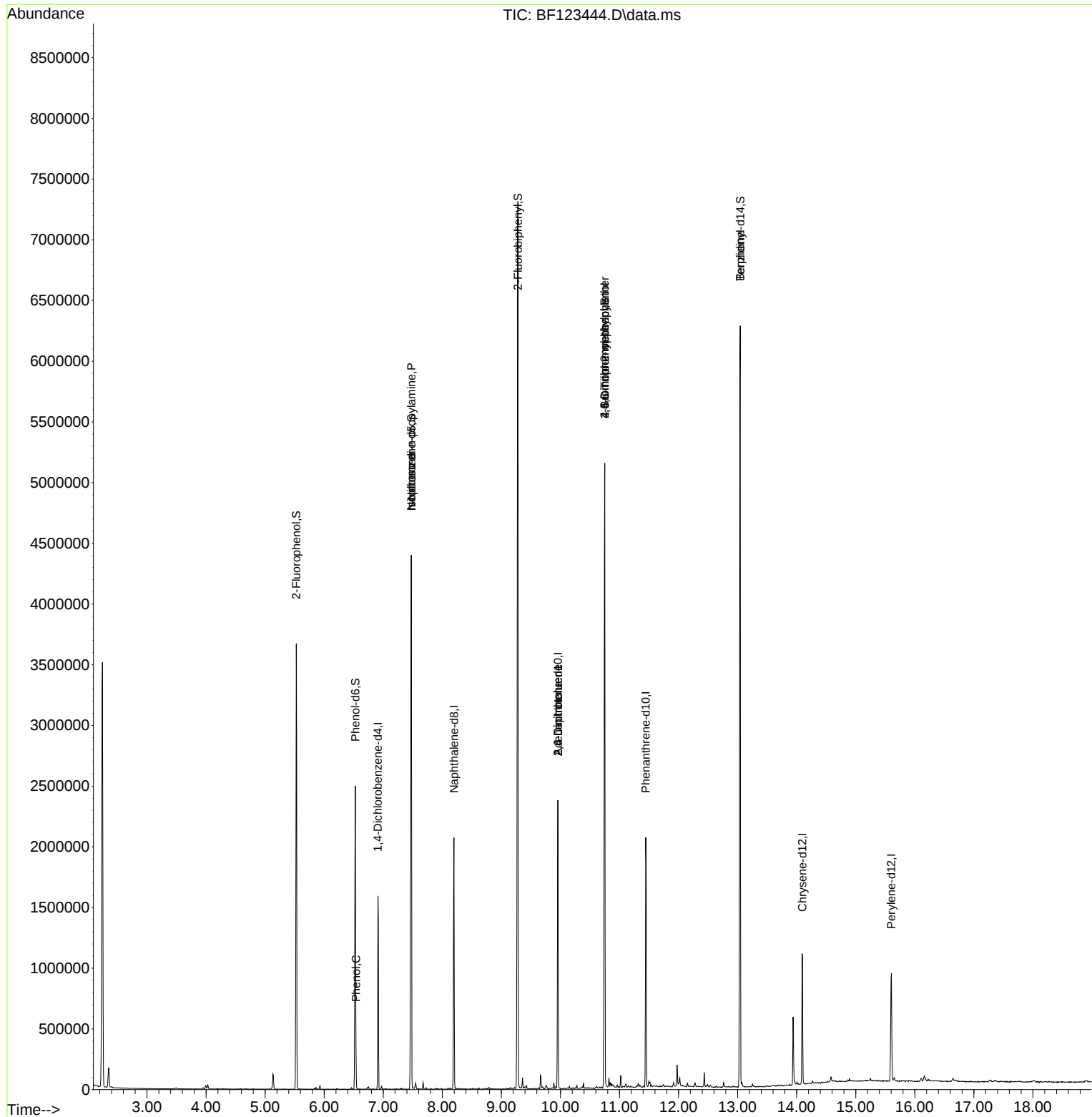
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228064	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	835429	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	456183	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	716506	20.00	ng	0.00
76) Chrysene-d12	14.098	240	396107	20.00	ng	-0.01
86) Perylene-d12	15.604	264	428787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	881417	63.23	ng	0.00
7) Phenol-d6	6.528	99	678424	36.56	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1446937	93.48	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	637565	125.01	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2553040	79.95	ng	0.00
79) Terphenyl-d14	13.045	244	2242865	95.96	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.463	77	255	Below Cal	#	44
10) Phenol	6.540	94	64892	3.41	ng	96
19) n-Nitroso-di-n-propyla...	7.475	70	196469	16.37	ng	# 80
25) Isophorone	7.475	82	1428255	42.92	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	57926	8.56	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	57926	6.86	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	1343	5.43	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	37337	4.40	ng	# 1
77) Benzidine	13.045	184	30148	2.56	ng	98

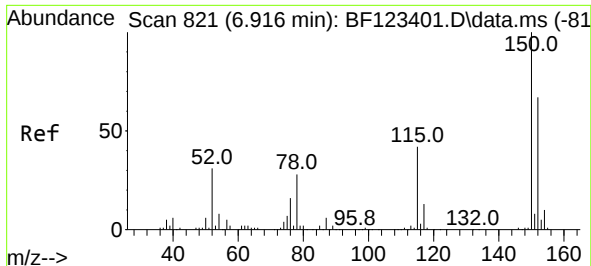
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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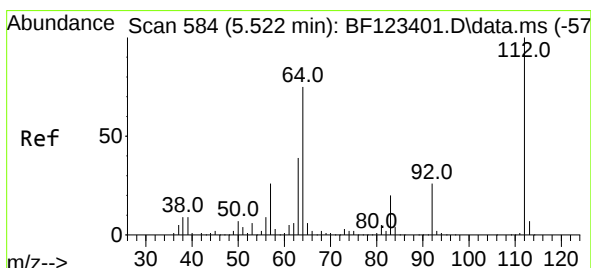
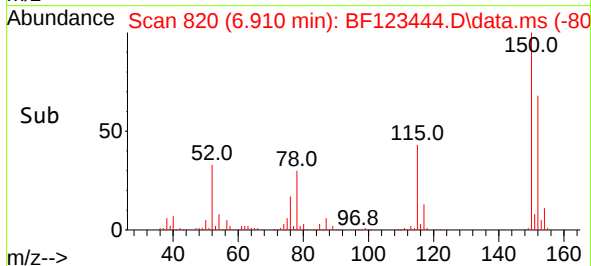
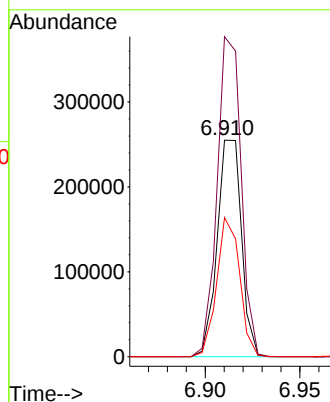
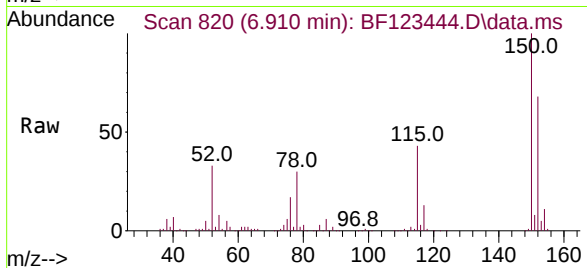




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

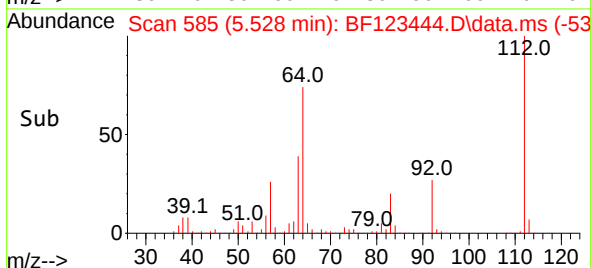
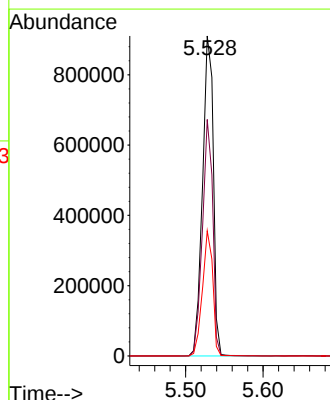
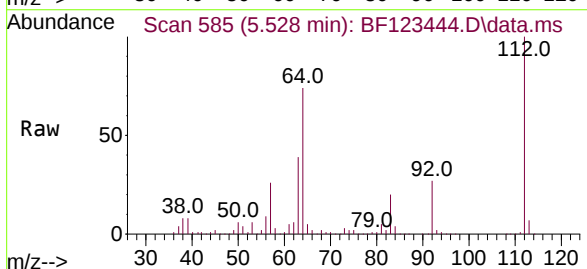
Instrument :
BNA_F
ClientSampled :
MW-106I

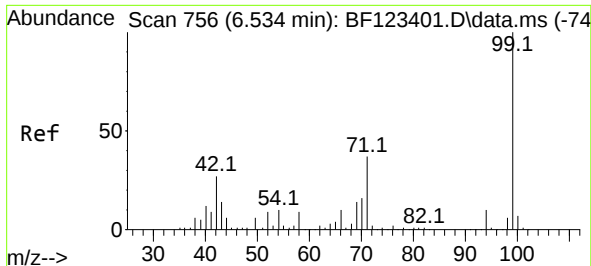
Tgt Ion:152 Resp: 228064
Ion Ratio Lower Upper
152 100
150 147.8 125.8 188.6
115 64.2 49.3 73.9



#5
2-Fluorophenol
Concen: 63.23 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion:112 Resp: 881417
Ion Ratio Lower Upper
112 100
64 73.9 46.9 70.3#
63 39.1 24.5 36.7#

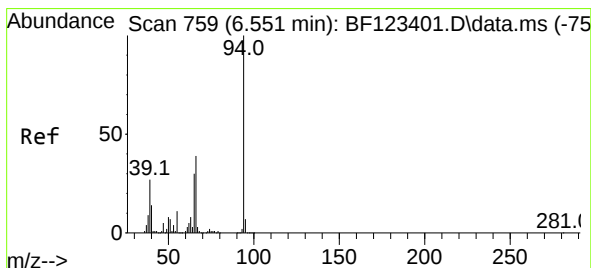
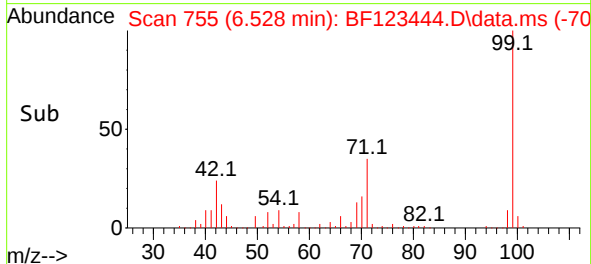
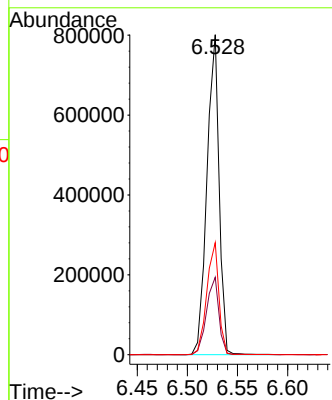
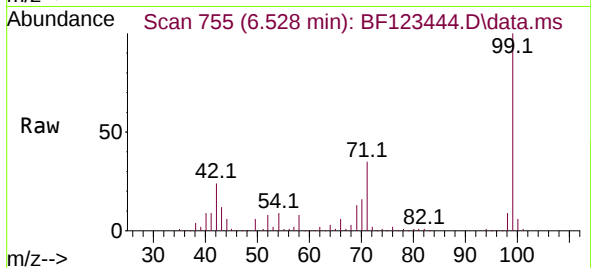




#7
Phenol-d6
Concen: 36.56 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

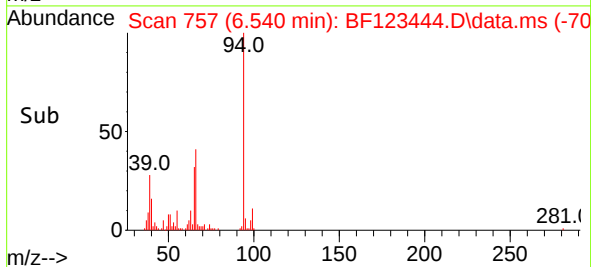
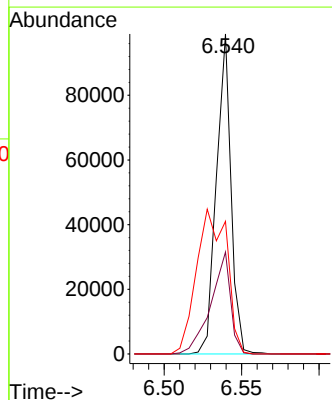
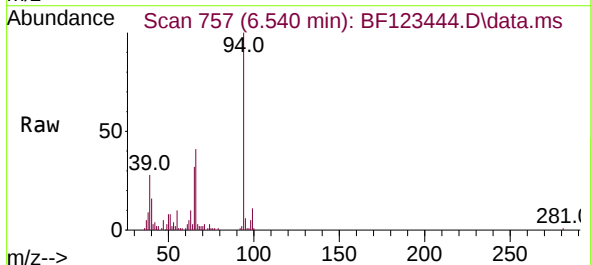
Instrument :
BNA_F
ClientSampleId :
MW-106I

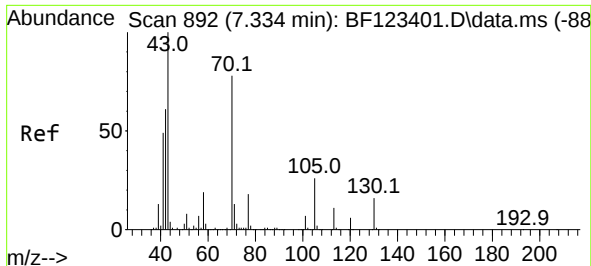
Tgt Ion: 99 Resp: 678424
Ion Ratio Lower Upper
99 100
42 24.2 13.8 20.6#
71 35.0 26.9 40.3



#10
Phenol
Concen: 3.41 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

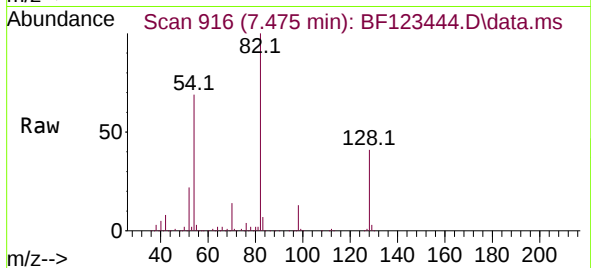
Tgt Ion: 94 Resp: 64892
Ion Ratio Lower Upper
94 100
65 31.9 11.2 51.2
66 41.5 25.8 65.8



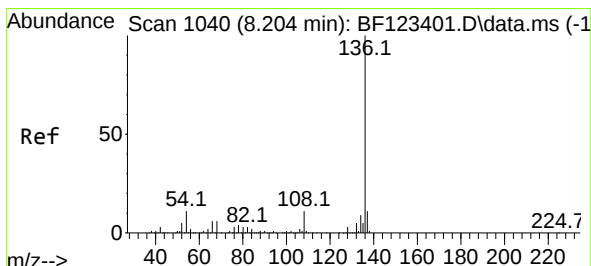
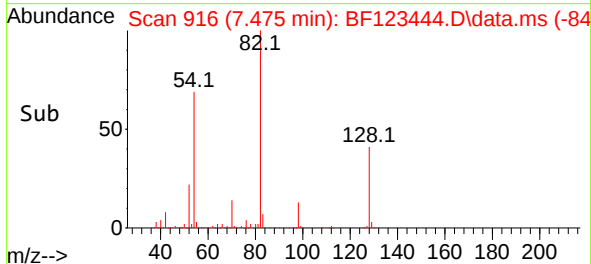
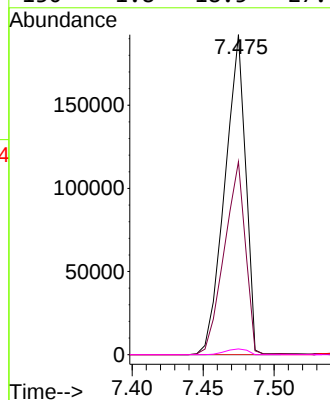


#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Instrument :
BNA_F
ClientSampled :
MW-106I

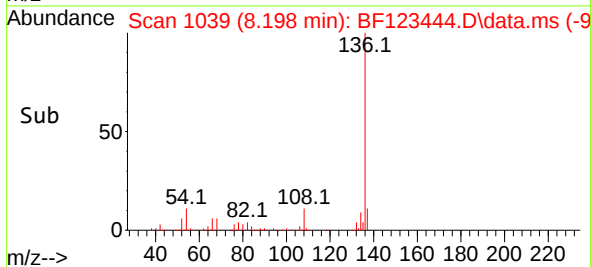
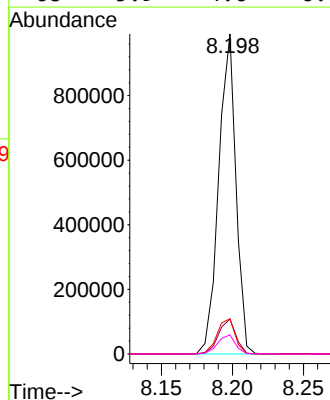
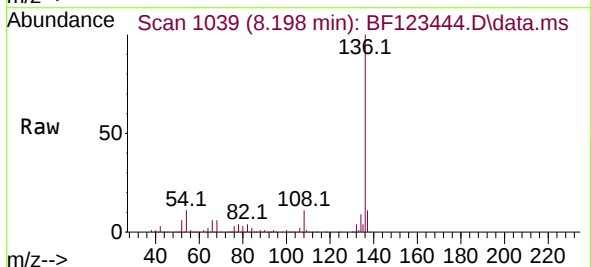


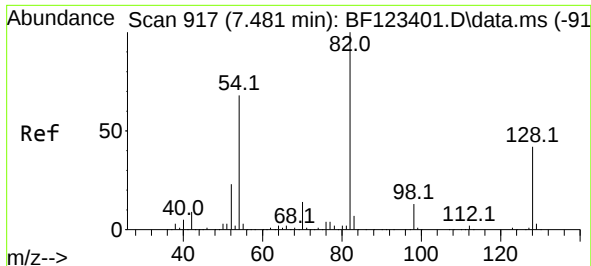
Tgt Ion: 70 Resp: 196469
Ion Ratio Lower Upper
70 100
42 60.3 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion: 136 Resp: 835429
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 5.5 8.3#
68 5.9 4.6 6.8

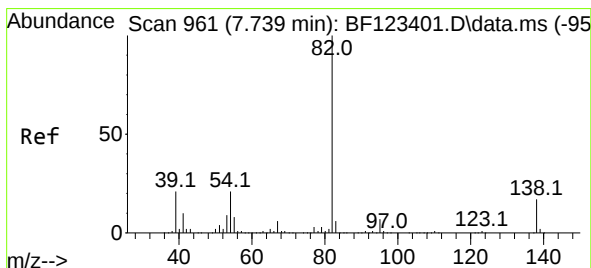
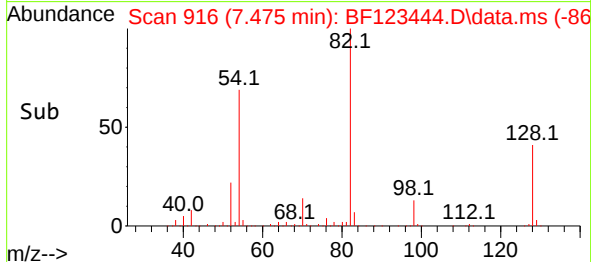
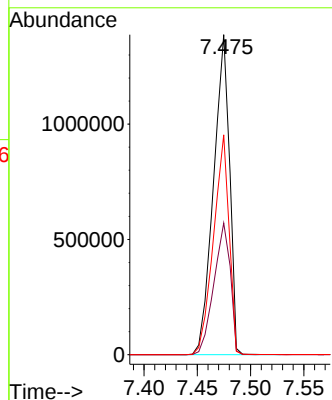
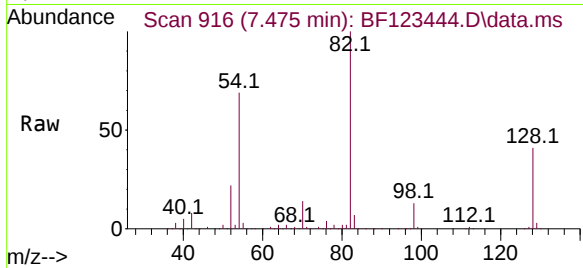




#23
Nitrobenzene-d5
Concen: 93.48 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

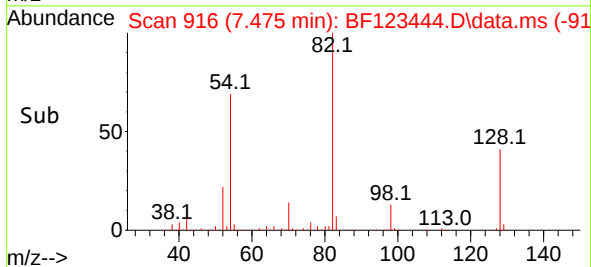
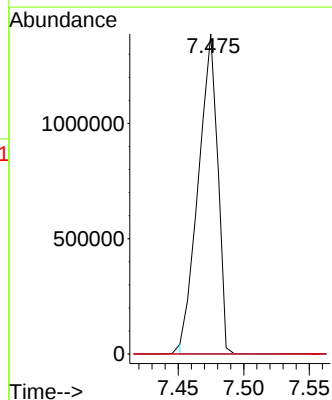
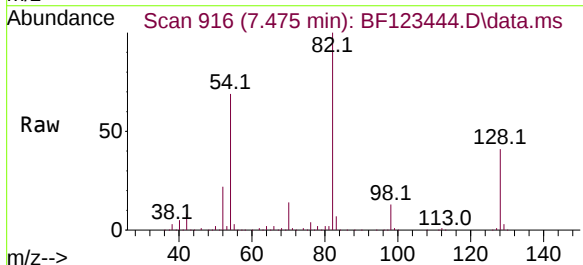
Instrument :
BNA_F
ClientSampleId :
MW-106I

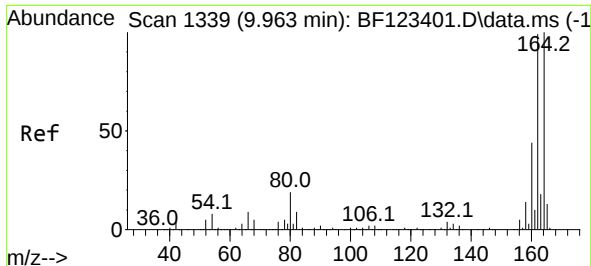
Tgt Ion: 82 Resp: 1446937
Ion Ratio Lower Upper
82 100
128 41.2 37.0 55.4
54 68.7 38.4 57.6#



#25
Isophorone
Concen: 42.92 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion: 82 Resp: 1428255
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: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF123444.D

Acq: 24 Mar 2021 17:50

Tgt Ion:164 Resp: 456183

Ion Ratio Lower Upper

164 100

162 98.3 80.8 121.2

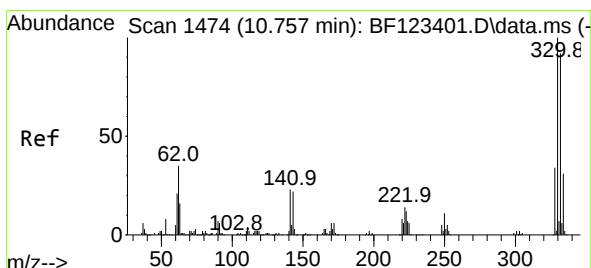
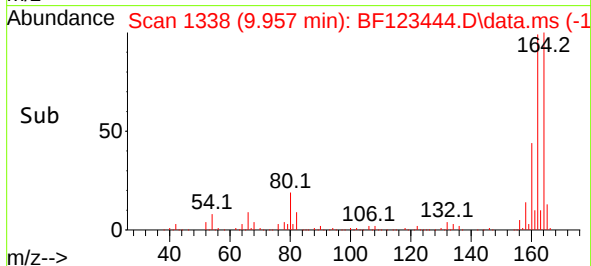
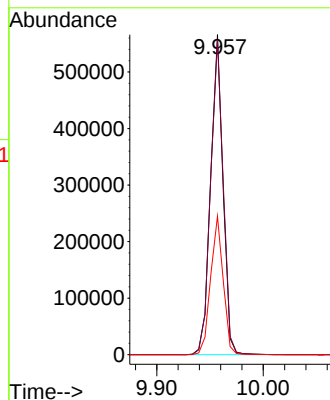
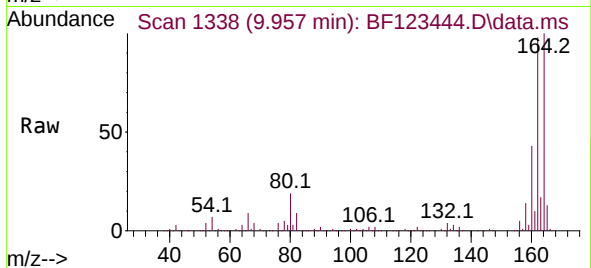
160 43.3 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

MW-106I



#42

2,4,6-Tribromophenol

Concen: 125.01 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF123444.D

Acq: 24 Mar 2021 17:50

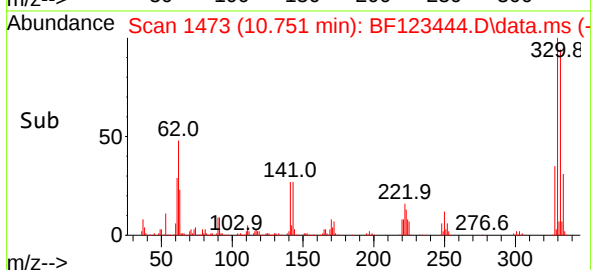
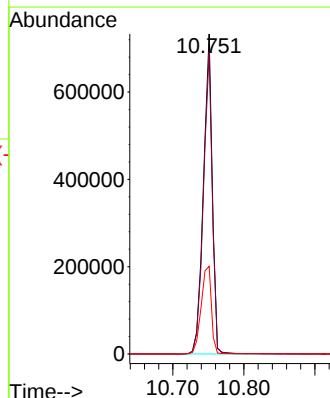
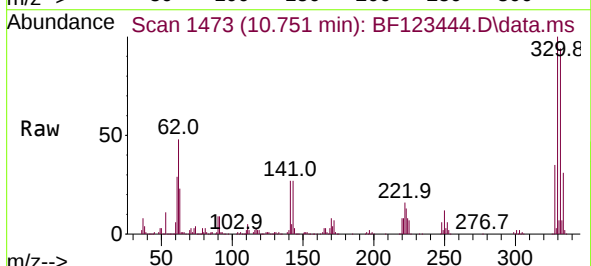
Tgt Ion:330 Resp: 637565

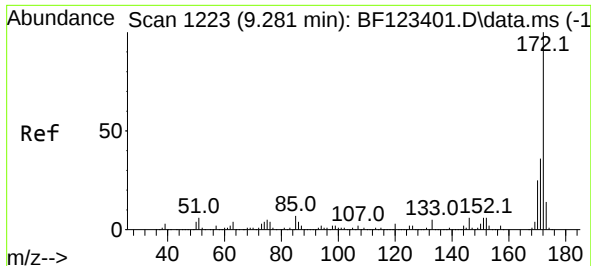
Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

141 31.7 23.8 35.8

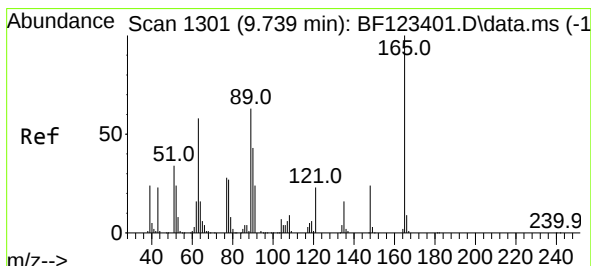
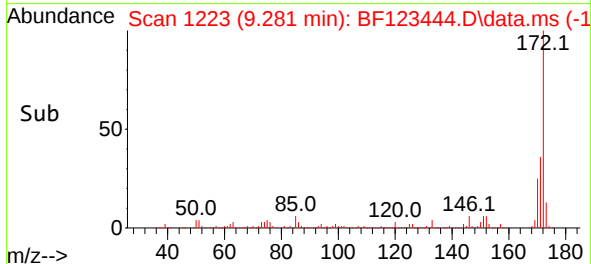
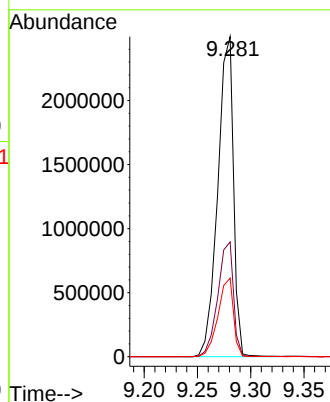
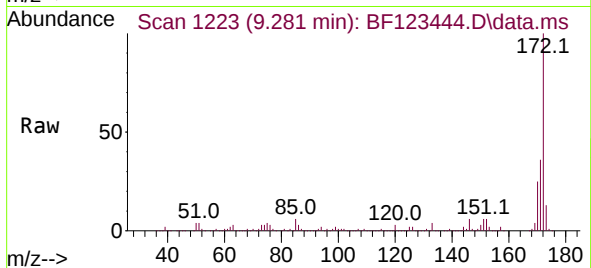




#45
2-Fluorobiphenyl
Concen: 79.95 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

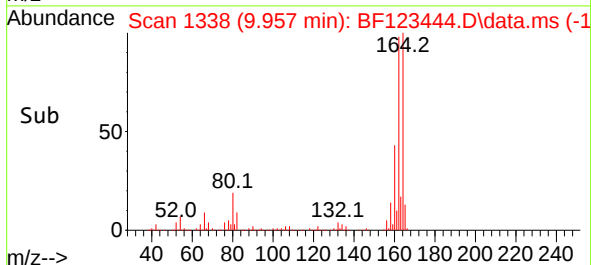
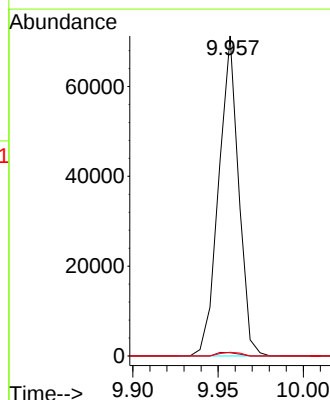
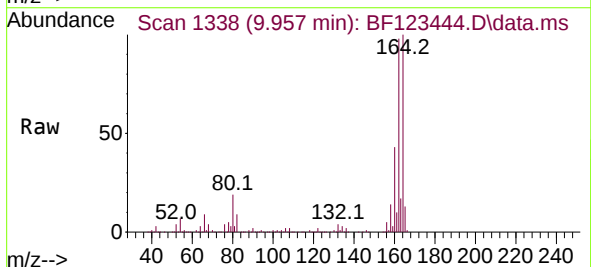
Instrument :
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ClientSampled :
MW-106I

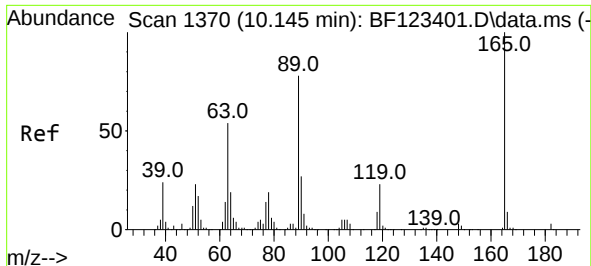
Tgt Ion:172 Resp: 2553040
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.5 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion:165 Resp: 57926
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#

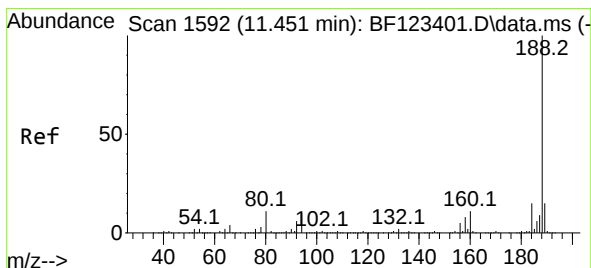
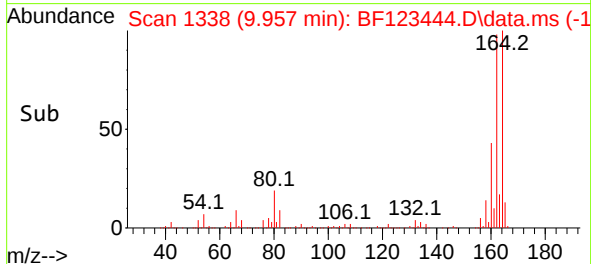
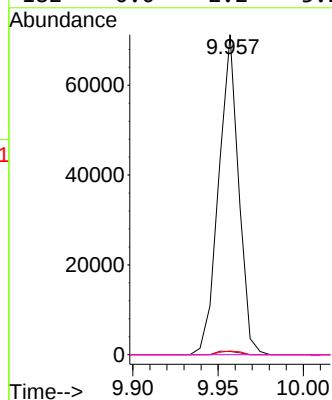
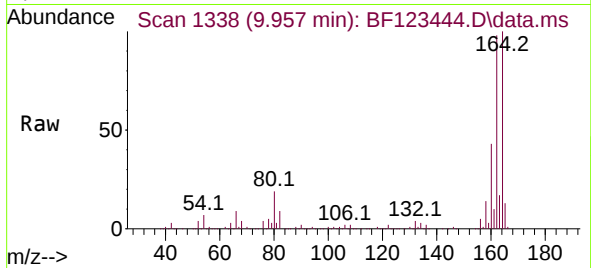




#57
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

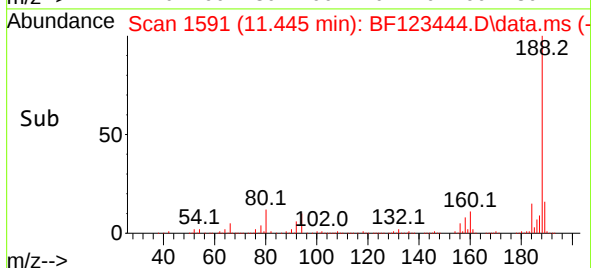
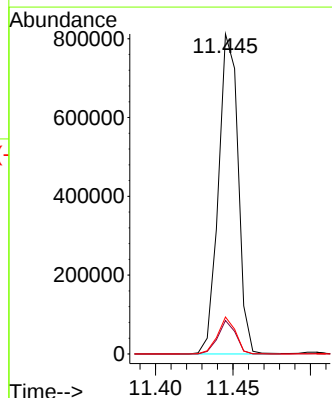
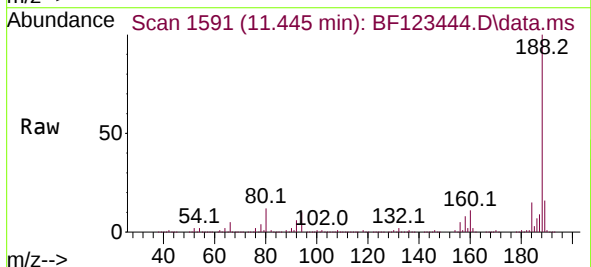
Instrument :
BNA_F
ClientSampled :
MW-106I

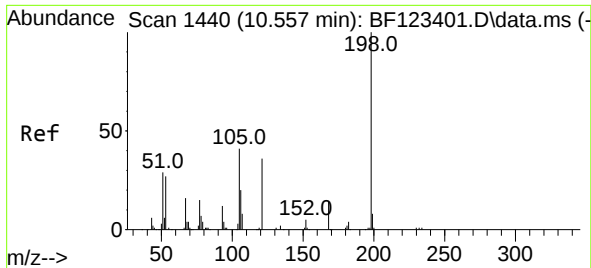
Tgt Ion:	165	Resp:	57926
Ion Ratio	Lower	Upper	
165	100		
63	1.0	34.3	51.5#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion:	188	Resp:	716506
Ion Ratio	Lower	Upper	
188	100		
94	10.5	7.4	11.2
80	11.6	8.2	12.4

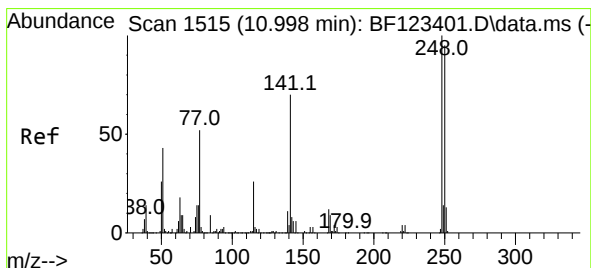
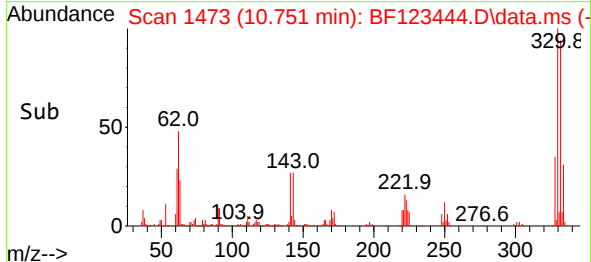
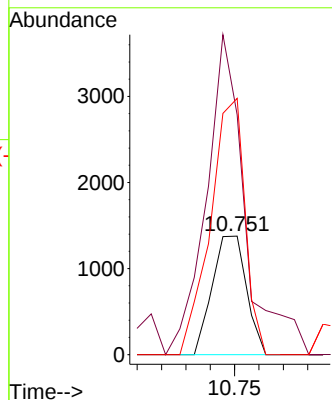
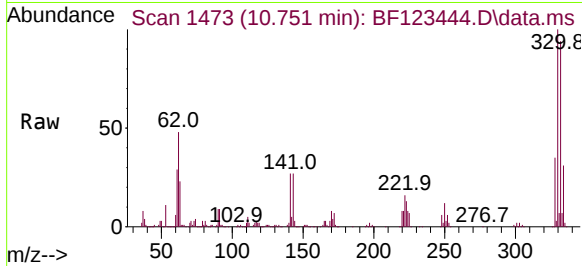




#65
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

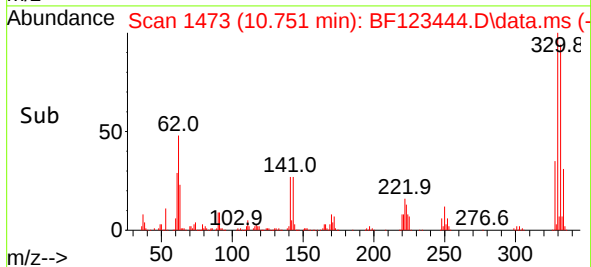
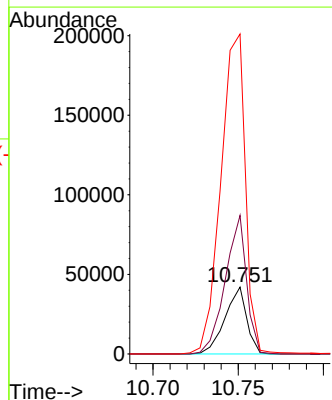
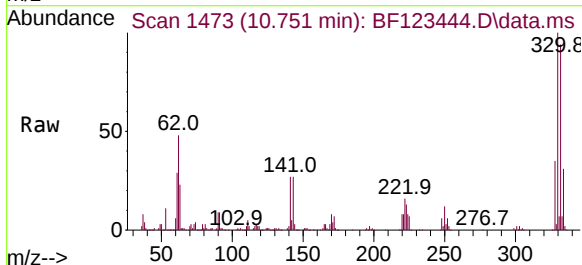
Instrument :
BNA_F
ClientSampled :
MW-106I

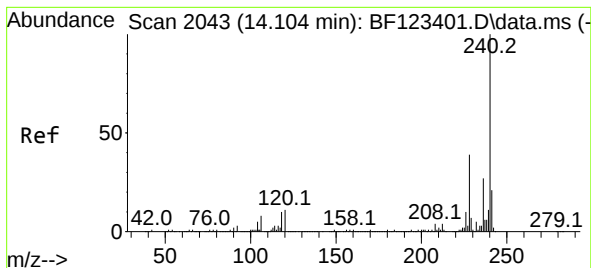
Tgt Ion:198 Resp: 1343
Ion Ratio Lower Upper
198 100
51 202.5 20.3 60.3#
105 216.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion:248 Resp: 37337
Ion Ratio Lower Upper
248 100
250 207.2 76.8 115.2#
141 478.5 59.8 89.8#

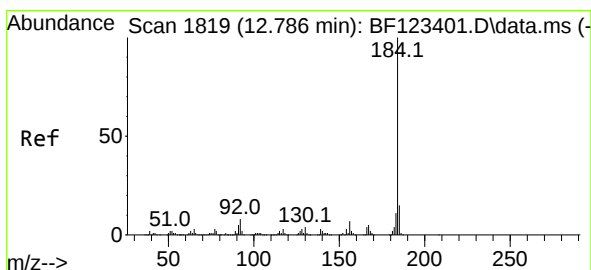
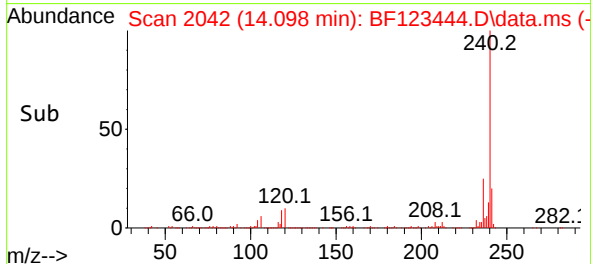
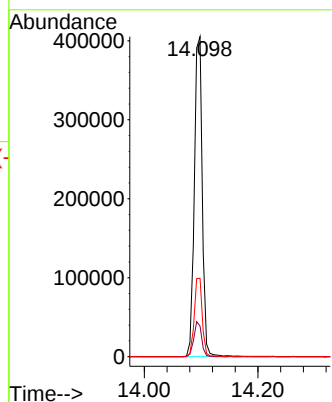
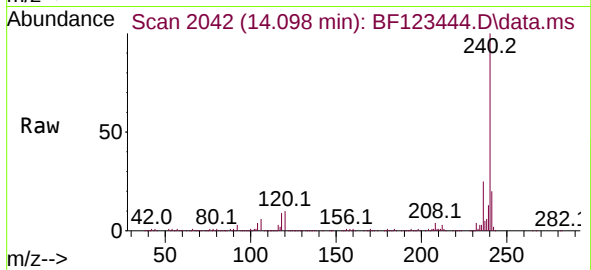




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

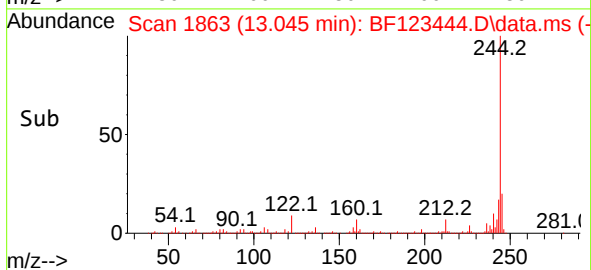
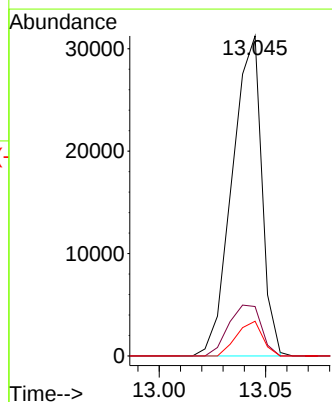
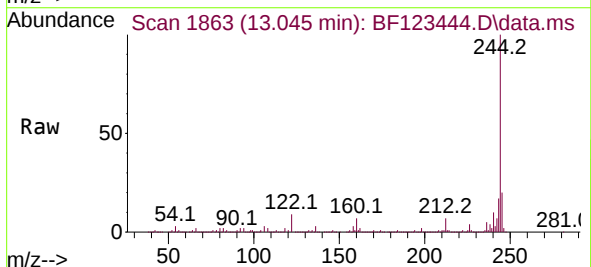
Instrument :
BNA_F
ClientSampleId :
MW-106I

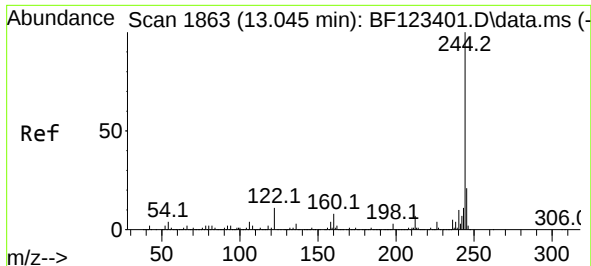
Tgt Ion:240 Resp: 396107
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 24.5 20.3 30.5



#77
Benzidine
Concen: 2.56 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.253 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion:184 Resp: 30148
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.6
183 10.8 9.7 14.5

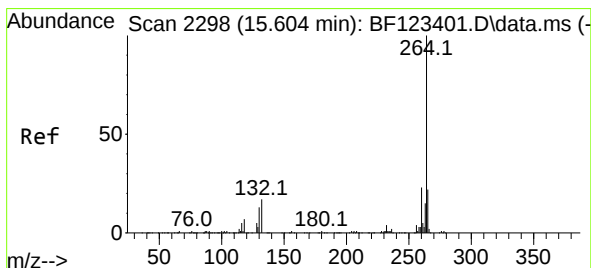
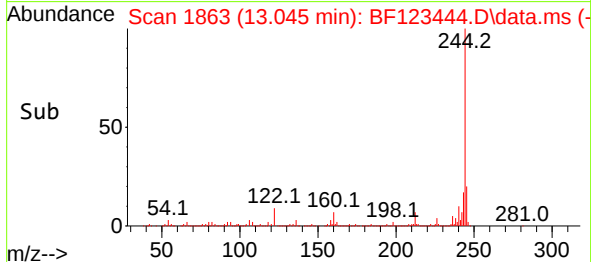
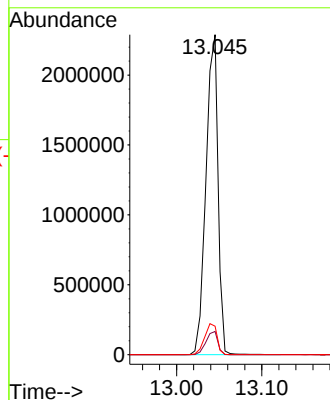
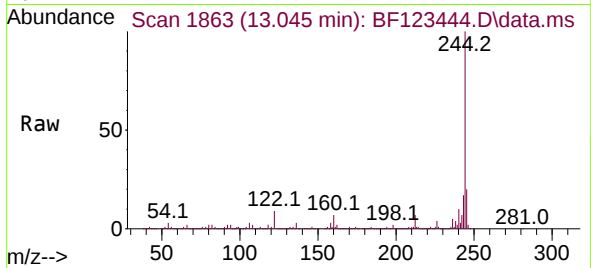




#79
Terphenyl-d14
Concen: 95.96 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Instrument :
BNA_F
ClientSampled :
MW-106I

Tgt Ion:244 Resp: 2242865
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BF123444.D
Acq: 24 Mar 2021 17:50

Tgt Ion:264 Resp: 428787
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.8 17.0 25.6

