

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123492.D
 Acq On : 26 Mar 2021 18:23
 Operator : JU/CG
 Sample : M1770-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Quant Time: Mar 26 22:58:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

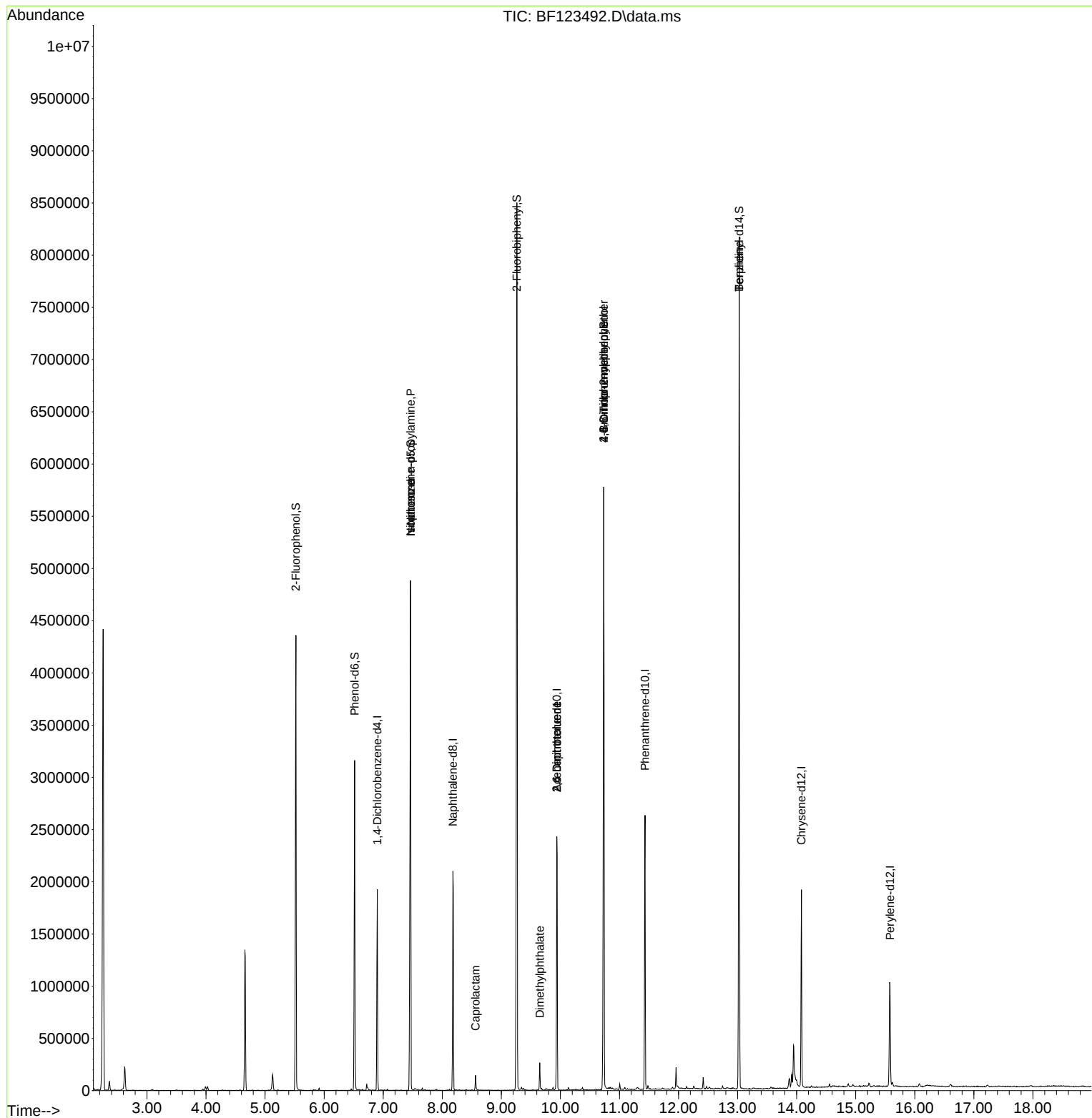
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	254739	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	949521	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	528629	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	914993	20.00	ng	0.00
76) Chrysene-d12	14.080	240	617434	20.00	ng	0.00
86) Perylene-d12	15.580	264	496446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1058551	67.98	ng	0.00
7) Phenol-d6	6.516	99	867103	41.83	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1646205	93.57	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	775135	131.16	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2900132	78.38	ng	0.00
79) Terphenyl-d14	13.027	244	2978495	81.76	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1826	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	227383	16.96	ng	# 82
25) Isophorone	7.463	82	1641990	43.41	ng	# 65
35) Caprolactam	8.563	113	11121	2.44	ng	# 27
50) Dimethylphthalate	9.651	163	89828	2.39	ng	99
51) 2,6-Dinitrotoluene	9.939	165	68266	8.70	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	68266	6.97	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1466	5.39	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	47154	4.35	ng	# 1
77) Benzidine	13.027	184	39252	2.13	ng	96

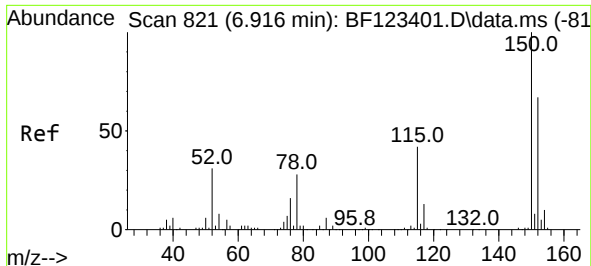
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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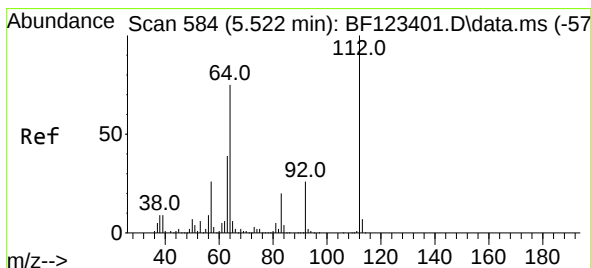
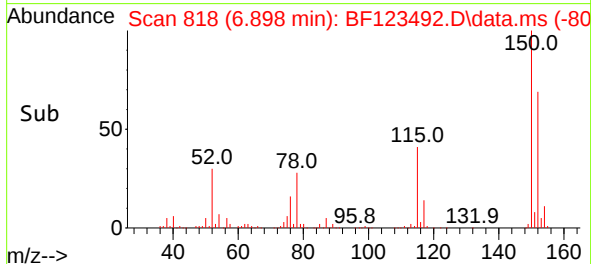
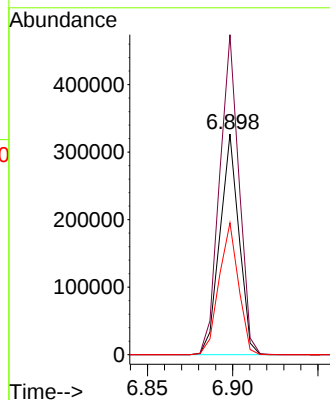
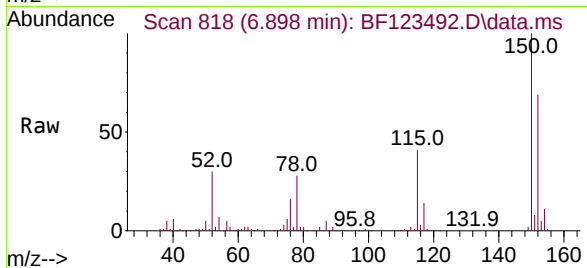




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

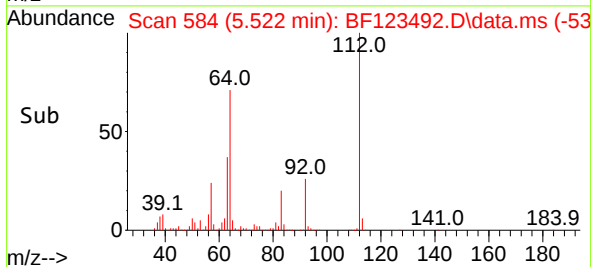
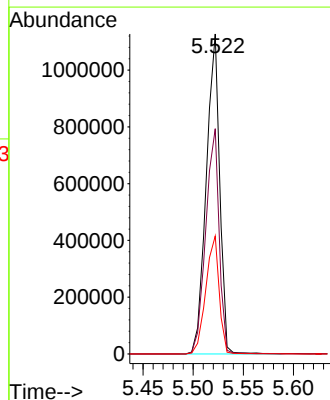
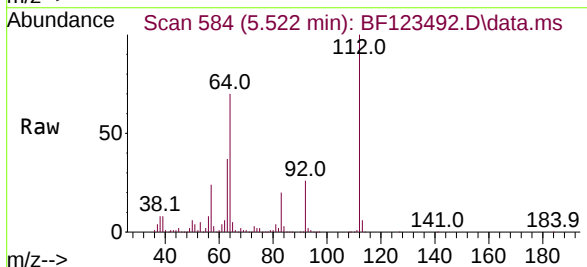
Instrument :
BNA_F
ClientSampleId :
MW-102I

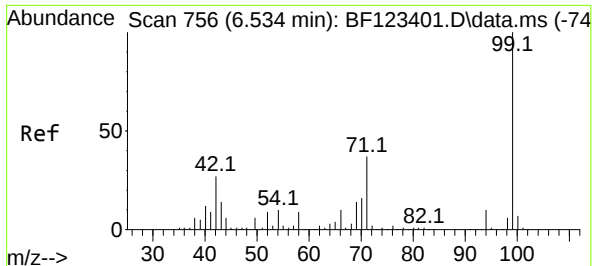
Tgt Ion:152 Resp: 254739
Ion Ratio Lower Upper
152 100
150 145.0 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 67.98 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion:112 Resp: 1058551
Ion Ratio Lower Upper
112 100
64 70.4 46.9 70.3#
63 36.8 24.5 36.7#

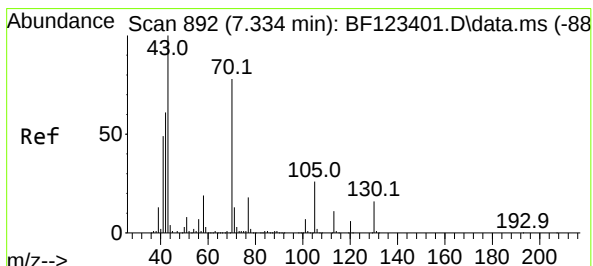
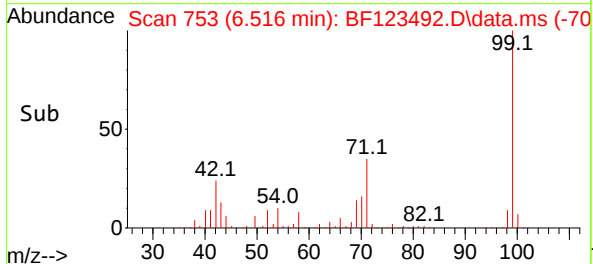
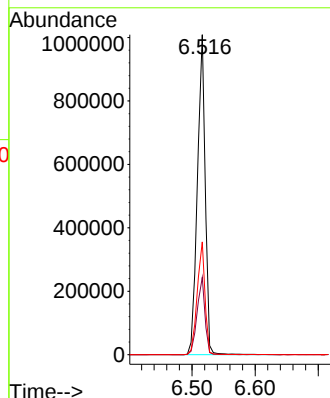
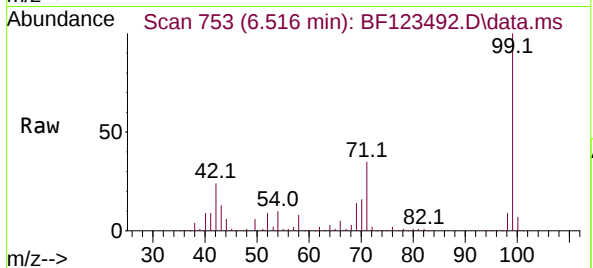




#7
Phenol-d6
Concen: 41.83 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

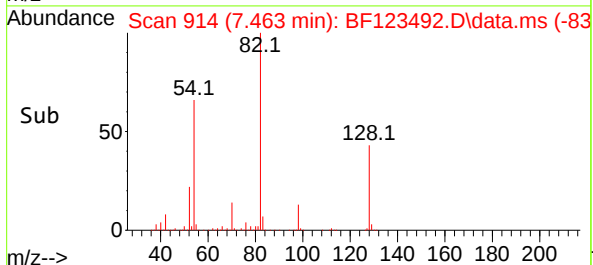
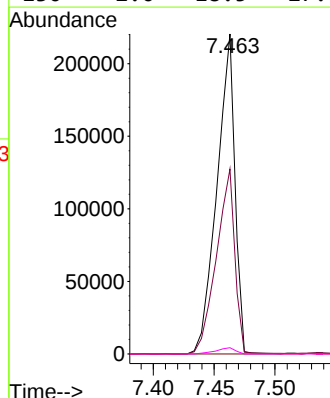
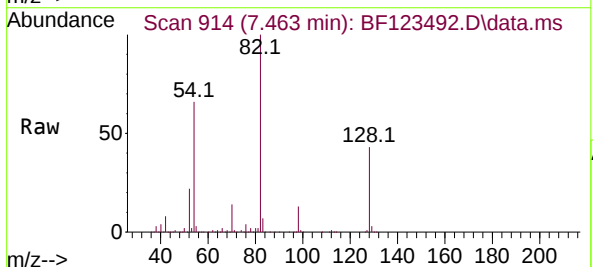
Instrument :
BNA_F
ClientSampleId :
MW-102I

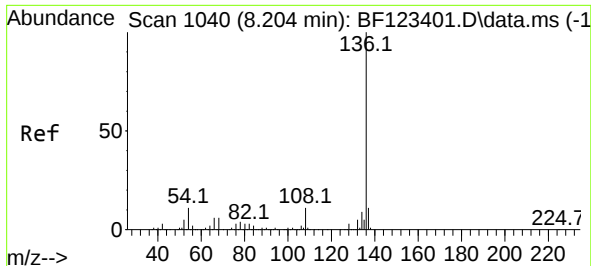
Tgt Ion: 99 Resp: 867103
Ion Ratio Lower Upper
99 100
42 24.2 13.8 20.6#
71 35.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.96 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion: 70 Resp: 227383
Ion Ratio Lower Upper
70 100
42 57.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

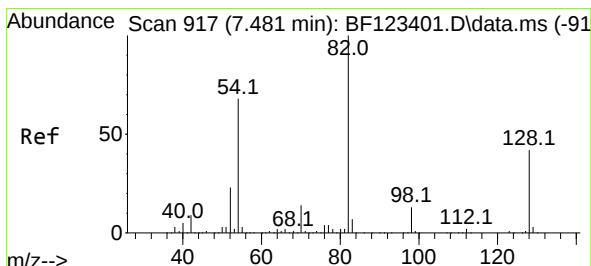
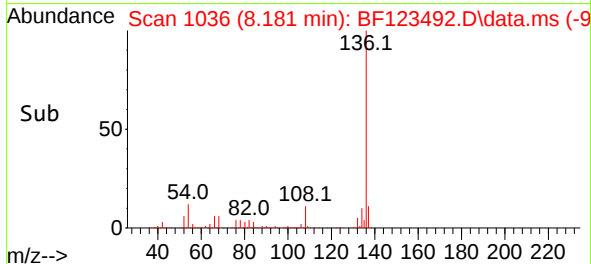
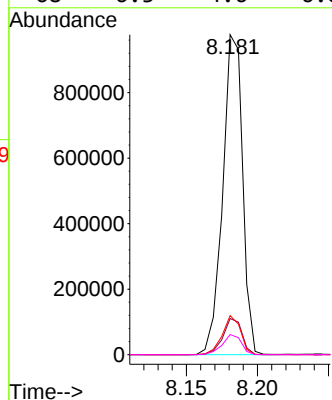
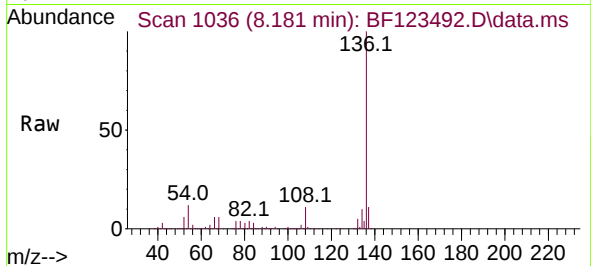




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

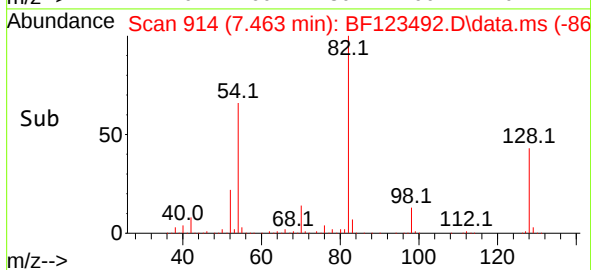
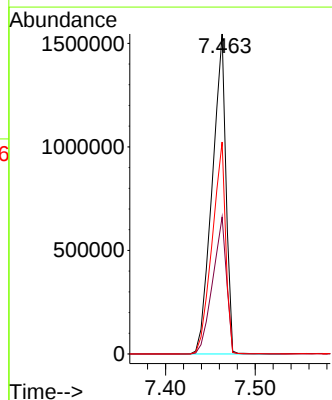
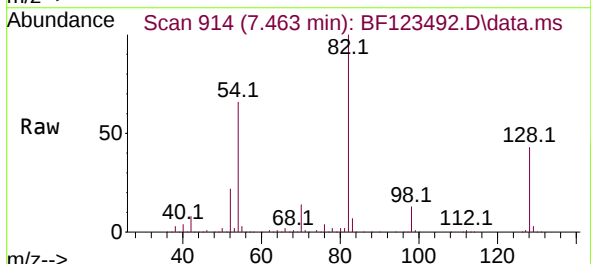
Instrument :
BNA_F
ClientSampleId :
MW-102I

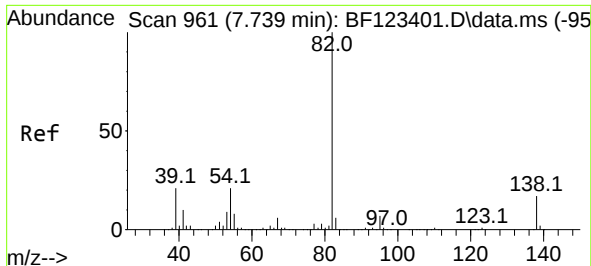
Tgt Ion:136	Resp: 949521
Ion Ratio	Lower Upper
136	100
137	11.3 8.8 13.2
54	12.2 5.5 8.3#
68	6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.57 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion: 82	Resp: 1646205
Ion Ratio	Lower Upper
82	100
128	42.8 37.0 55.4
54	66.3 38.4 57.6#

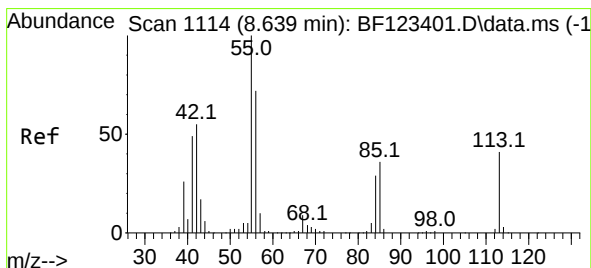
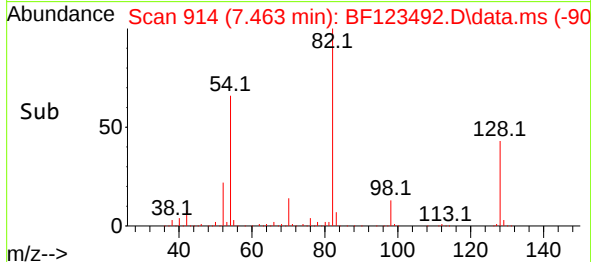
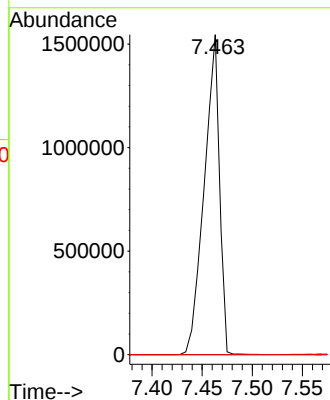
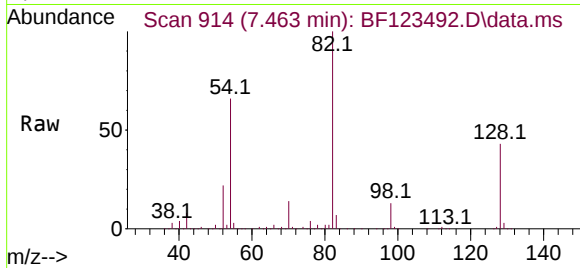




#25
Isophorone
Concen: 43.41 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

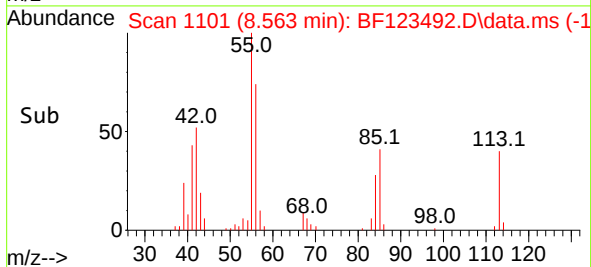
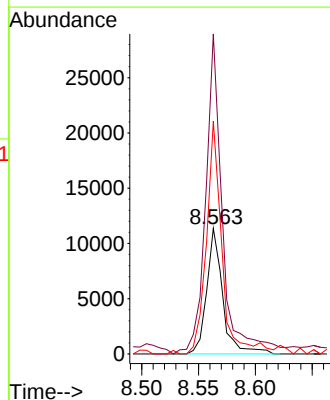
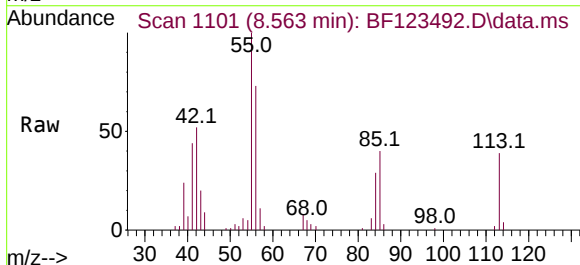
Instrument :
BNA_F
ClientSampleId :
MW-102I

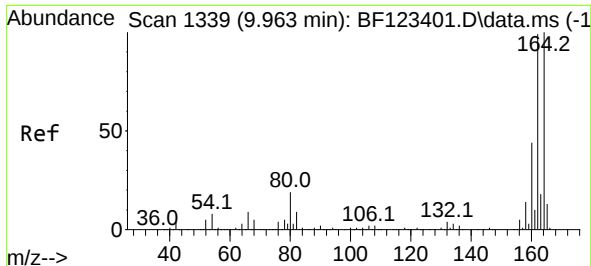
Tgt Ion: 82 Resp: 1641990
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#35
Caprolactam
Concen: 2.44 ng
RT: 8.563 min Scan# 1101
Delta R.T. -0.059 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion: 113 Resp: 11121
Ion Ratio Lower Upper
113 100
55 254.9 133.7 173.7#
56 185.5 95.3 135.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123492.D

Acq: 26 Mar 2021 18:23

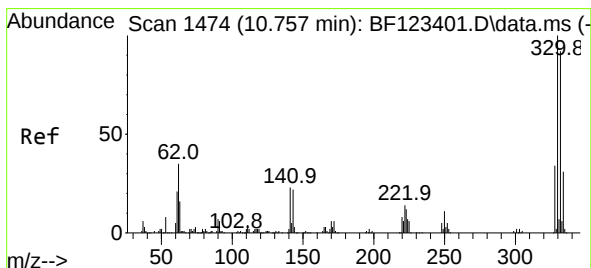
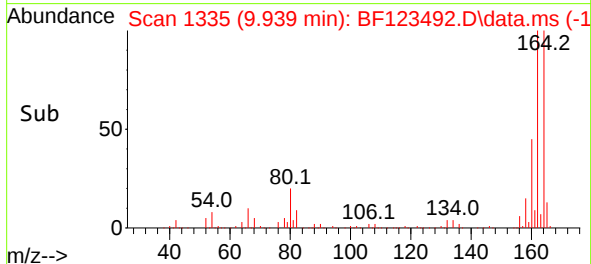
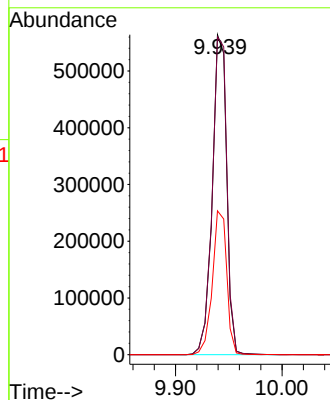
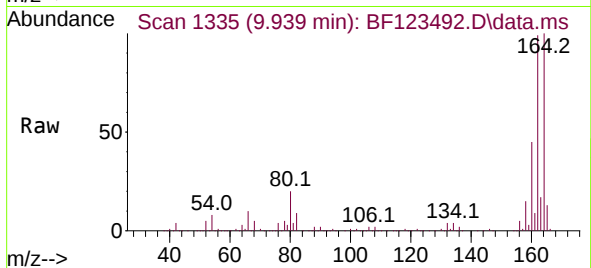
Tgt Ion:164 Resp: 528629

Ion Ratio Lower Upper

164 100

162 99.3 80.8 121.2

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 131.16 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF123492.D

Acq: 26 Mar 2021 18:23

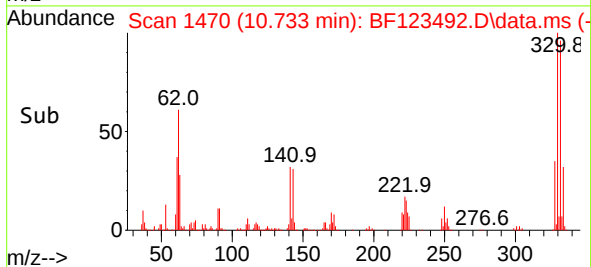
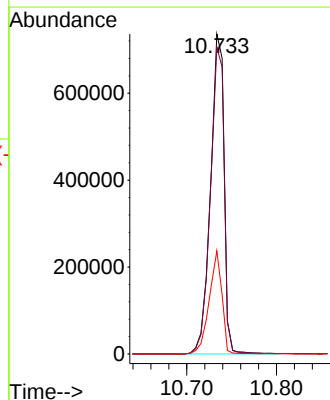
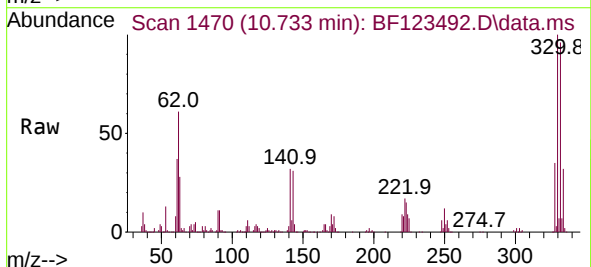
Tgt Ion:330 Resp: 775135

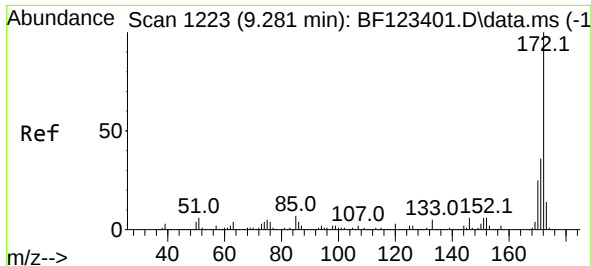
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 30.2 23.8 35.8

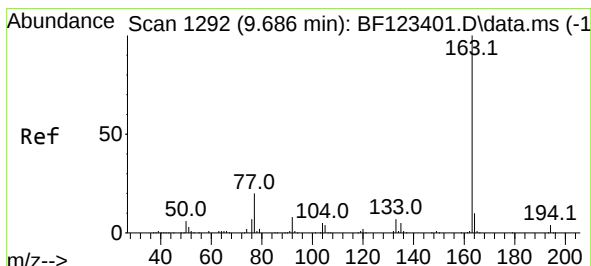
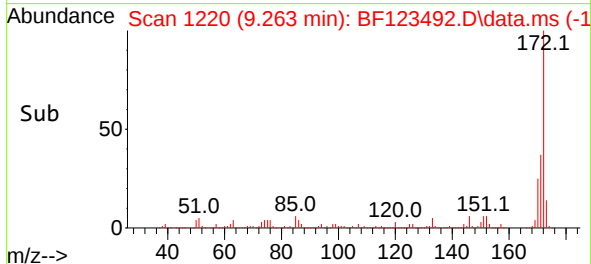
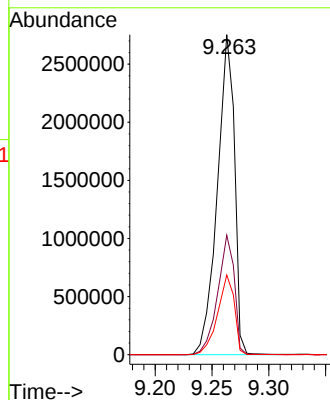
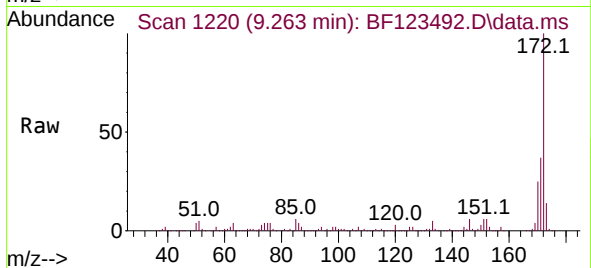




#45
2-Fluorobiphenyl
Concen: 78.38 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

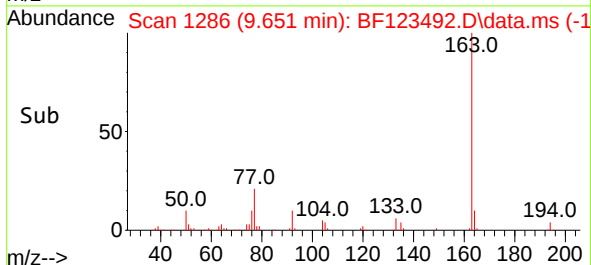
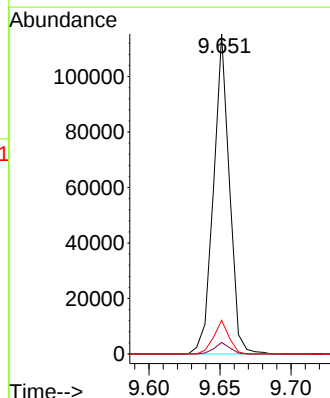
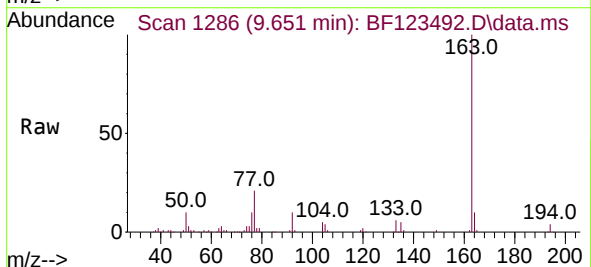
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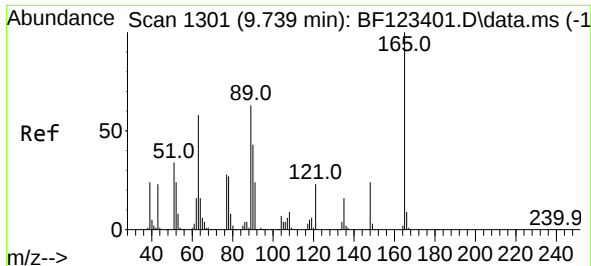
Tgt Ion:172 Resp: 2900132
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.9 19.5 29.3



#50
Dimethylphthalate
Concen: 2.39 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion:163 Resp: 89828
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.5 8.1 12.1

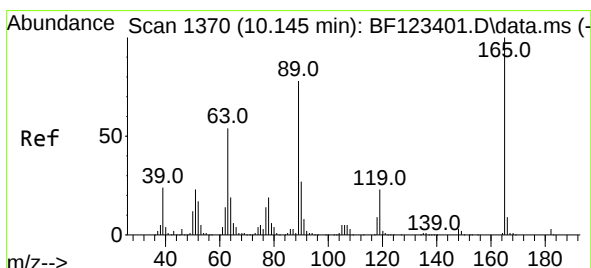
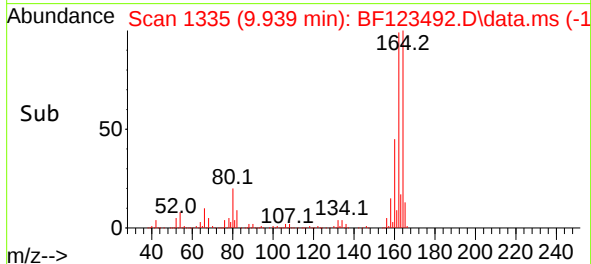
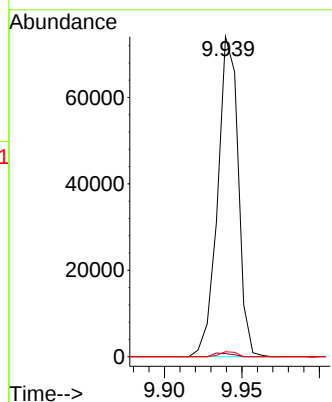
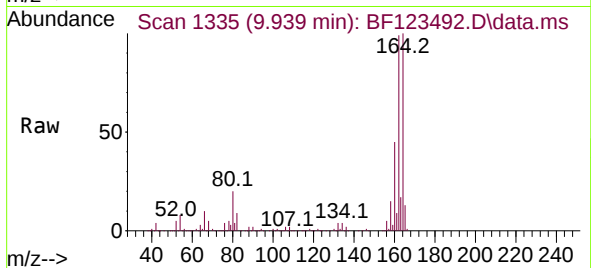




#51
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

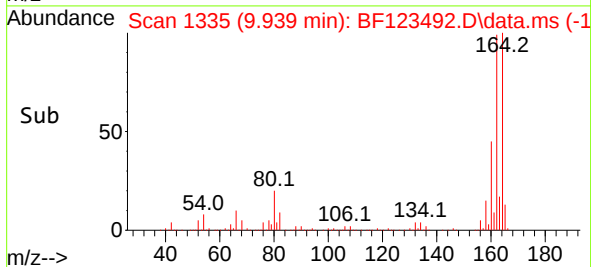
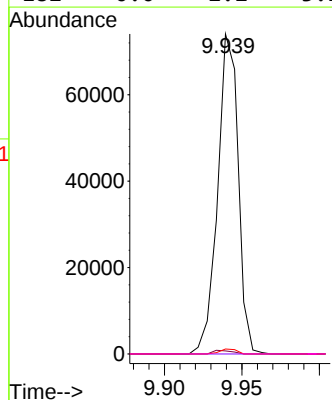
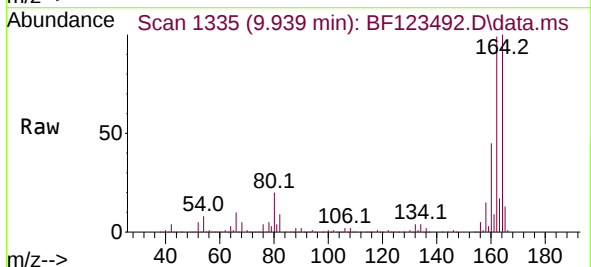
Instrument :
BNA_F
ClientSampleId :
MW-102I

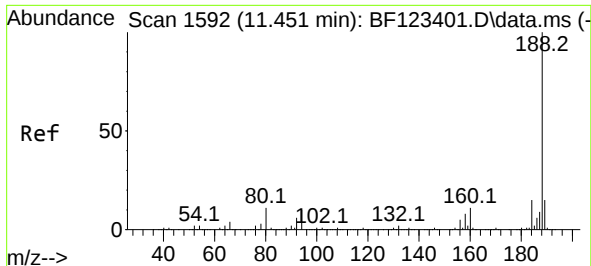
Tgt Ion:165 Resp: 68266
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion:165 Resp: 68266
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

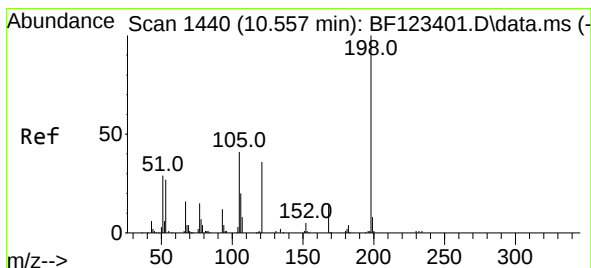
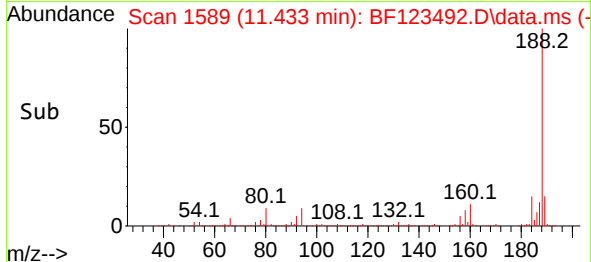
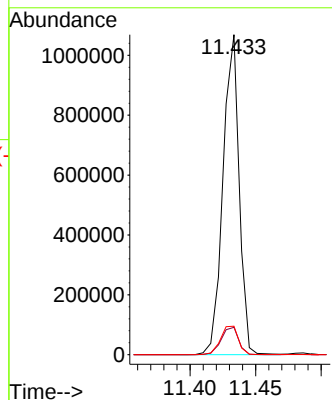
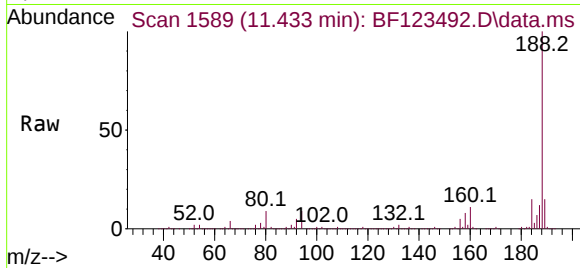




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

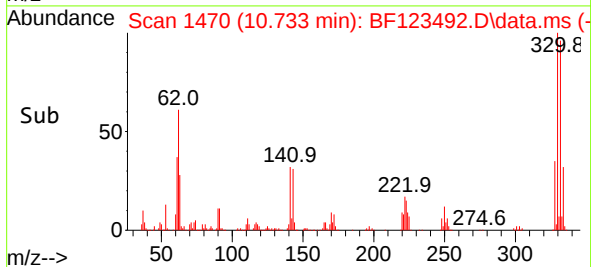
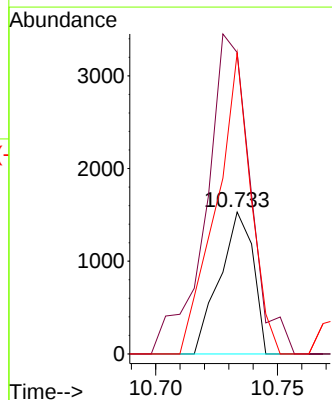
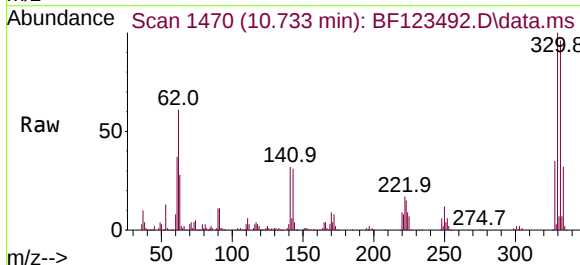
Instrument :
BNA_F
ClientSampleId :
MW-102I

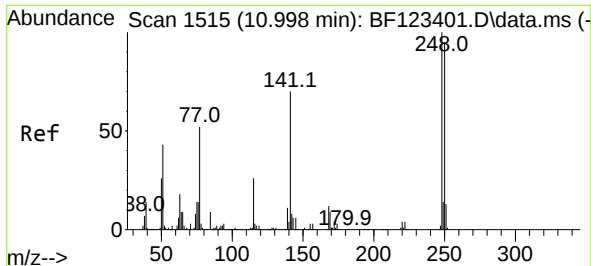
Tgt Ion:188 Resp: 914993
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.39 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion:198 Resp: 1466
Ion Ratio Lower Upper
198 100
51 212.4 20.3 60.3#
105 212.0 23.0 63.0#

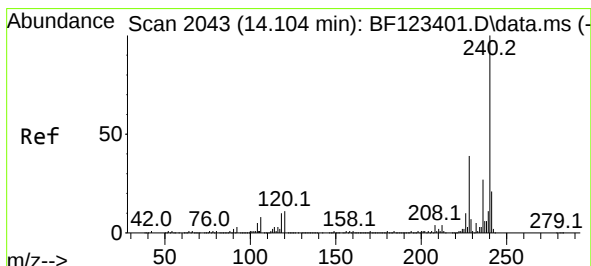
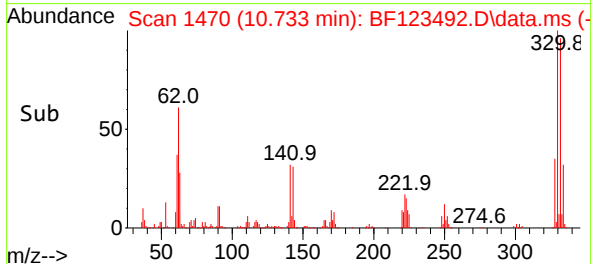
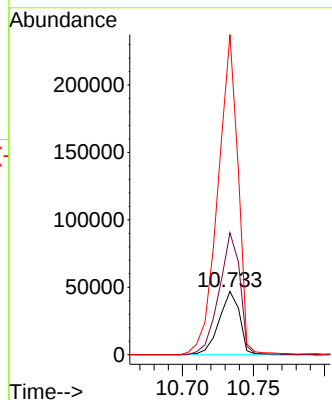
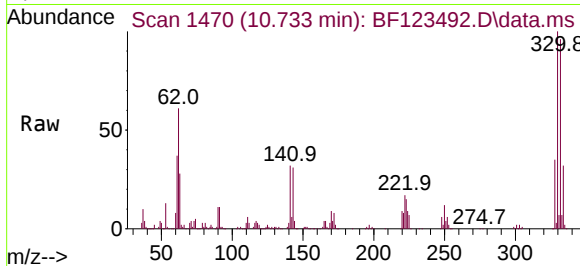




#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

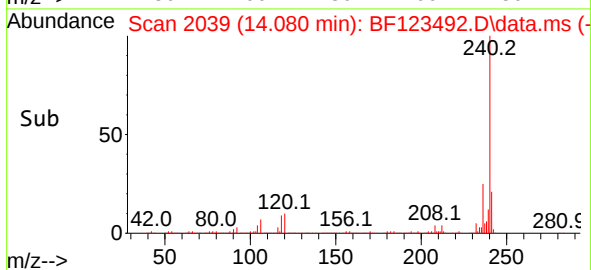
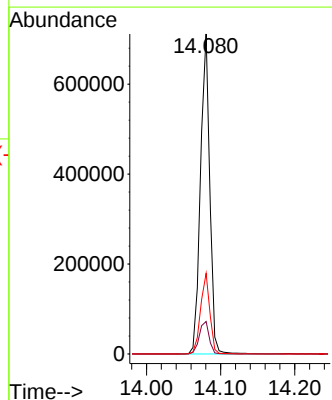
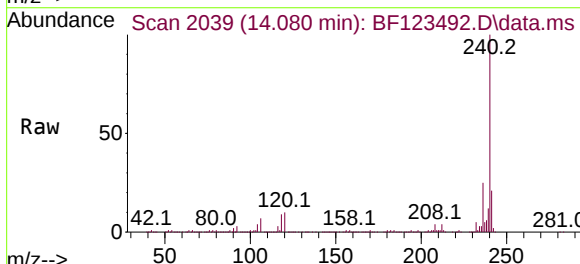
Instrument :
BNA_F
ClientSampleId :
MW-102I

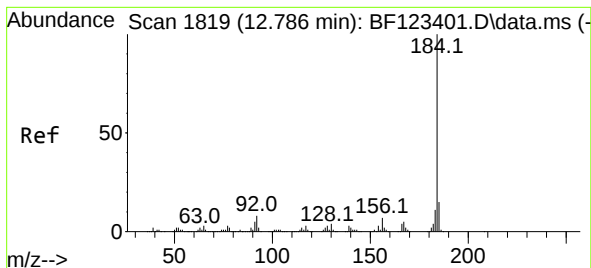
Tgt Ion:248 Resp: 47154
Ion Ratio Lower Upper
248 100
250 192.7 76.8 115.2#
141 505.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123492.D
Acq: 26 Mar 2021 18:23

Tgt Ion:240 Resp: 617434
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.2 20.3 30.5





#77

Benzidine

Concen: 2.13 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123492.D

Acq: 26 Mar 2021 18:23

Tgt Ion:184 Resp: 39252

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.6

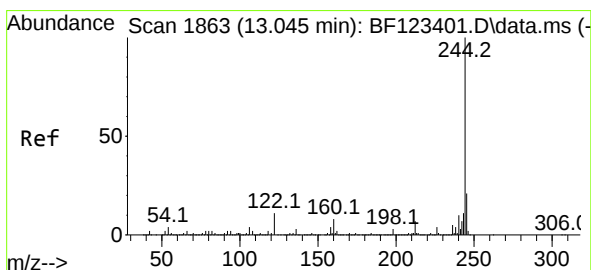
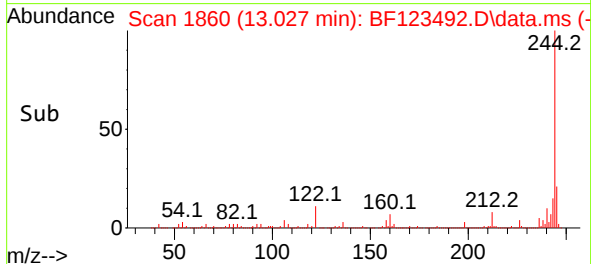
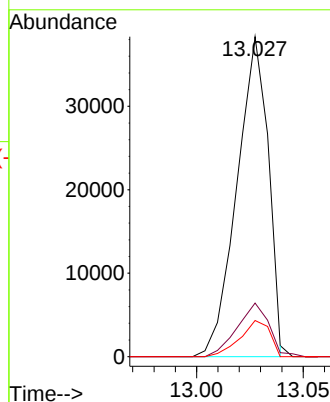
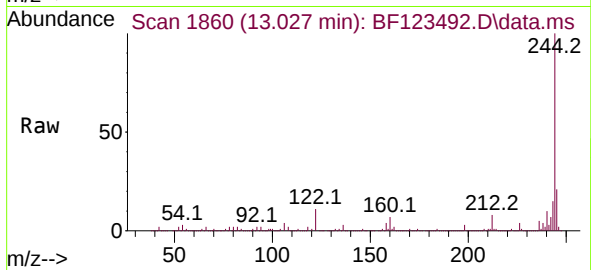
183 11.3 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

MW-102I



#79

Terphenyl-d14

Concen: 81.76 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123492.D

Acq: 26 Mar 2021 18:23

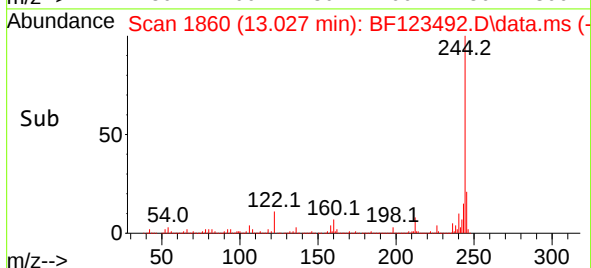
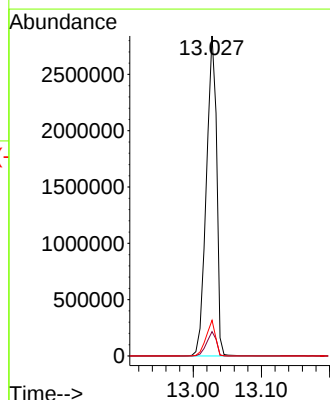
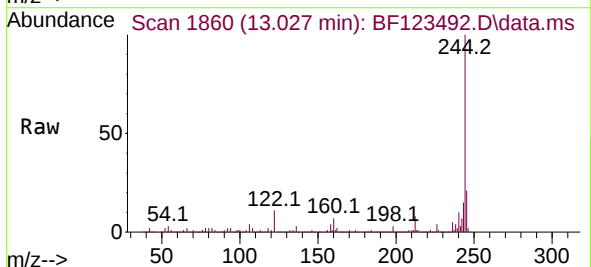
Tgt Ion:244 Resp: 2978495

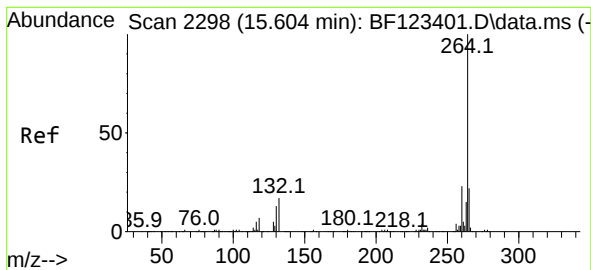
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 11.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF123492.D
 Acq: 26 Mar 2021 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tgt Ion:264 Resp: 496446
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 21.2 17.0 25.6

