

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123854.D
 Acq On : 6 May 2021 14:53
 Operator : JU/CG
 Sample : M2303-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: May 06 15:17:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

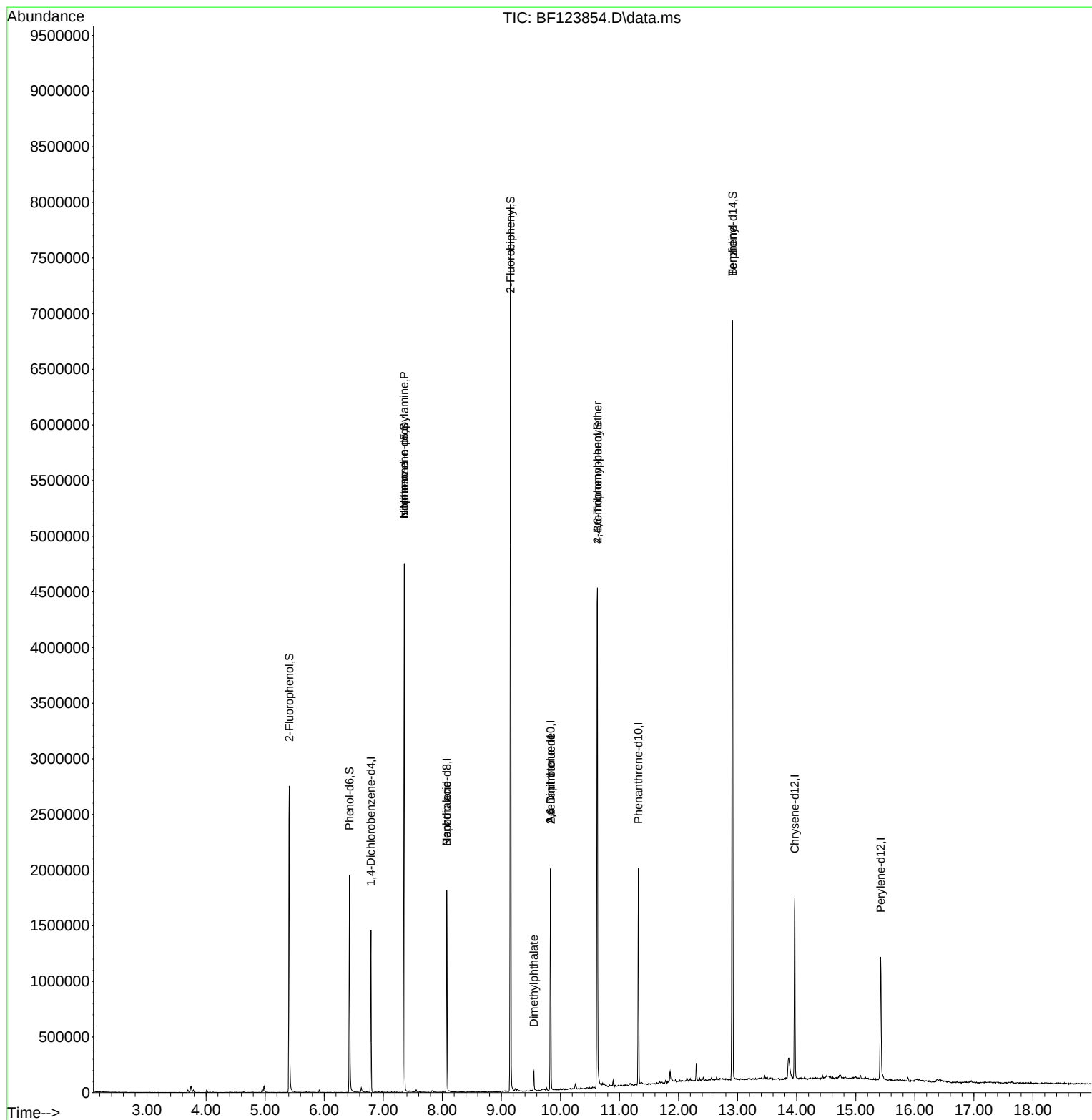
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	181113	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	682822	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	352108	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	664247	20.00	ng	0.00
76) Chrysene-d12	13.968	240	588429	20.00	ng	0.00
86) Perylene-d12	15.421	264	493462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	658771	57.62	ng	0.00
7) Phenol-d6	6.428	99	517698	32.87	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1414931	93.54	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	578925	132.07	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2163294	89.47	ng	0.00
79) Terphenyl-d14	12.916	244	2216157	72.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	191432	19.69	ng	Qvalue
25) Isophorone	7.357	82	1414905	49.89	ng	# 72
32) Benzoic acid	8.075	122	113	5.40	ng	# 1
50) Dimethylphthalate	9.551	163	63033	2.54	ng	99
51) 2,6-Dinitrotoluene	9.833	165	47296	8.25	ng	# 12
57) 2,4-Dinitrotoluene	9.833	165	47296	6.05	ng	# 17
67) 4-Bromophenyl-phenylether	10.628	248	32236	4.61	ng	# 1
77) Benzidine	12.916	184	30907	2.03	ng	# 91

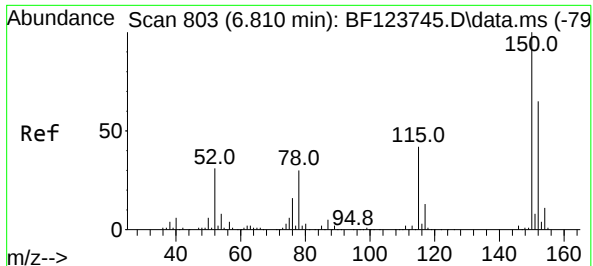
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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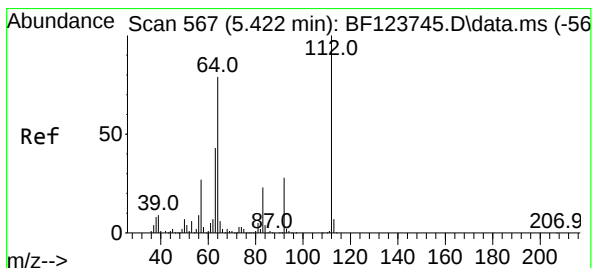
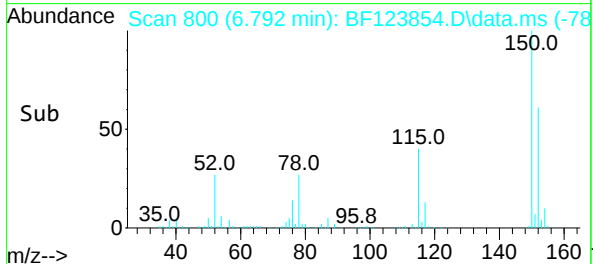
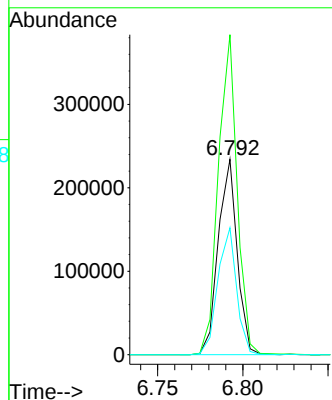
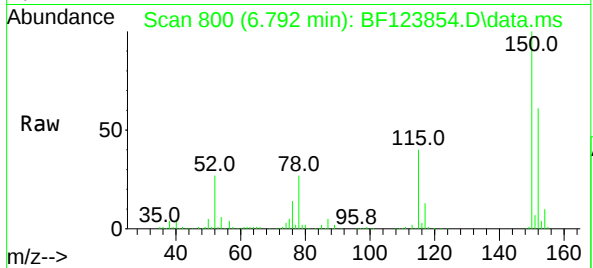




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

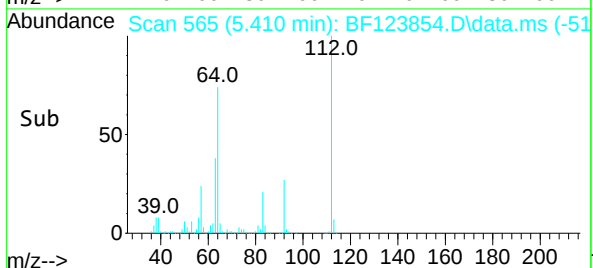
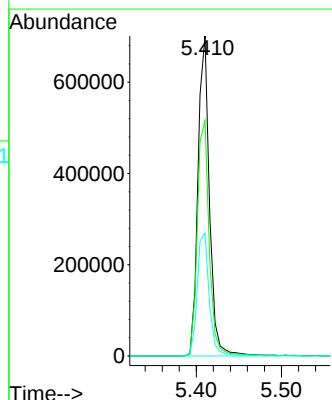
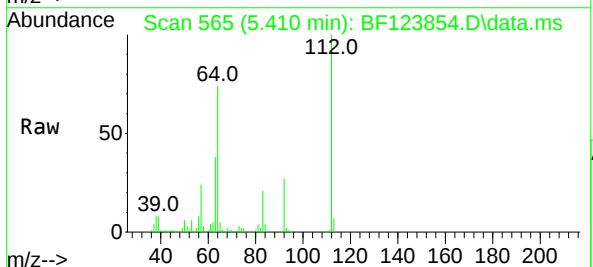
Instrument :
BNA_F
ClientSampleId :
MW-3

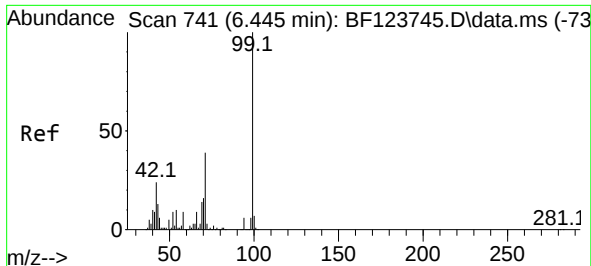
Tgt Ion:152 Resp: 181113
Ion Ratio Lower Upper
152 100
150 163.8 127.0 190.6
115 65.0 54.3 81.5



#5
2-Fluorophenol
Concen: 57.62 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion:112 Resp: 658771
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 38.4 33.0 49.4

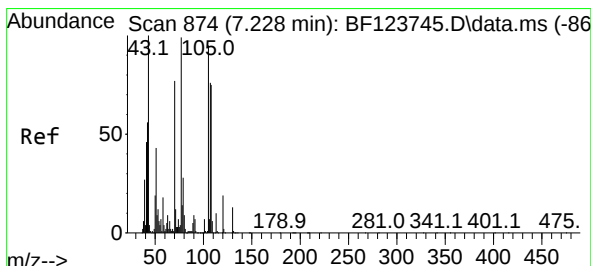
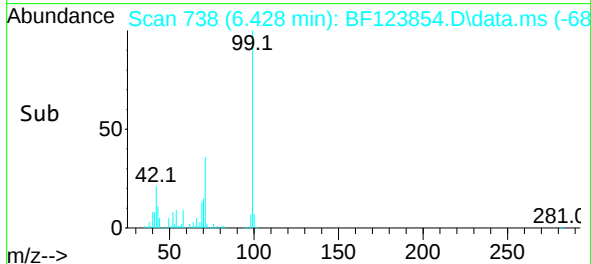
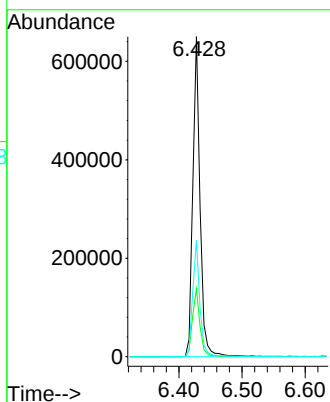
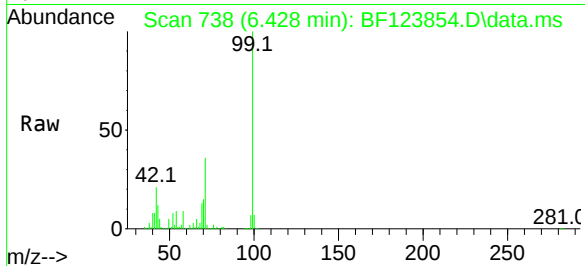




#7
Phenol-d6
Concen: 32.87 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

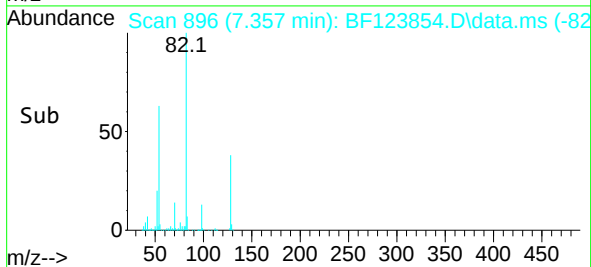
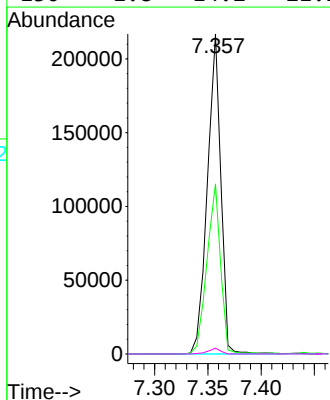
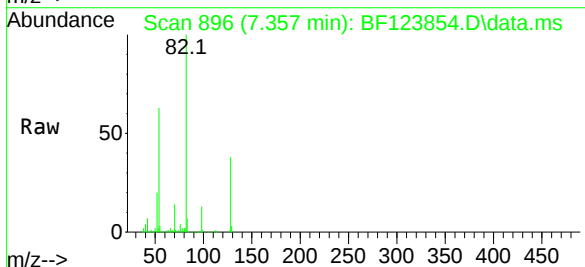
Instrument :
BNA_F
ClientSampleId :
MW-3

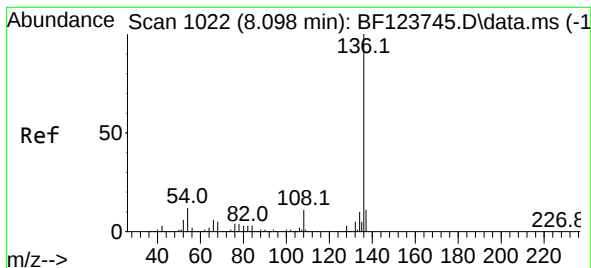
Tgt Ion: 99 Resp: 517698
Ion Ratio Lower Upper
99 100
42 21.3 19.8 29.8
71 36.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.69 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion: 70 Resp: 191432
Ion Ratio Lower Upper
70 100
42 53.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



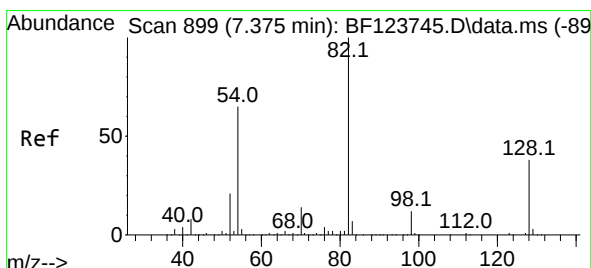
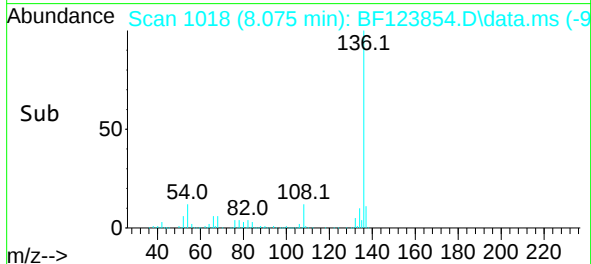
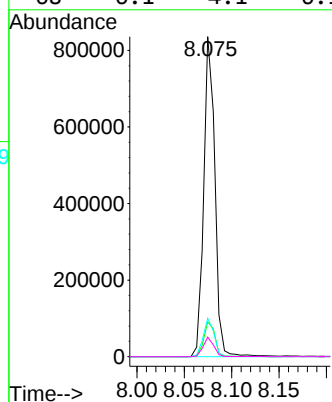
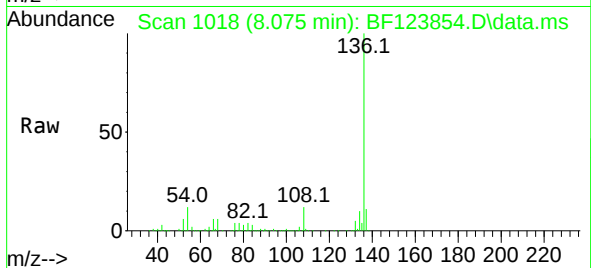


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Instrument :
BNA_F
ClientSampled :
MW-3

Tgt Ion:136 Resp: 682822

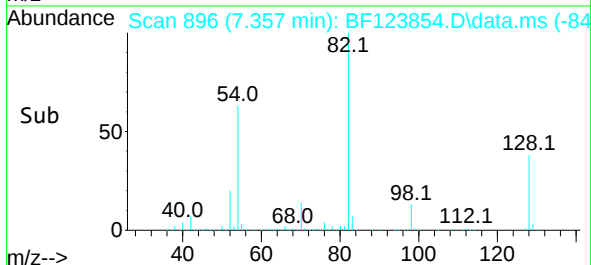
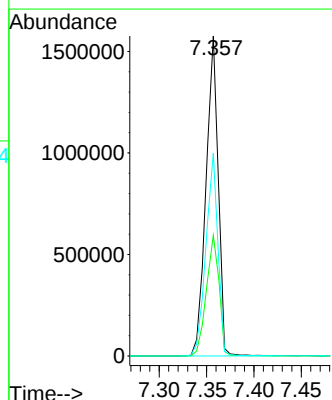
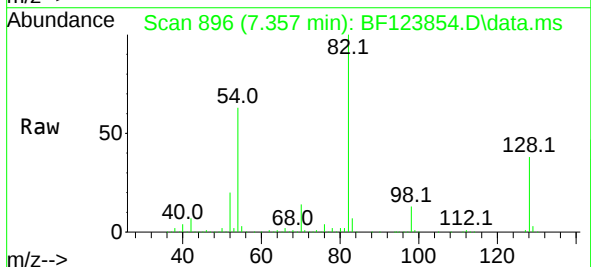
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.0	9.8	14.6
68	6.1	4.1	6.1

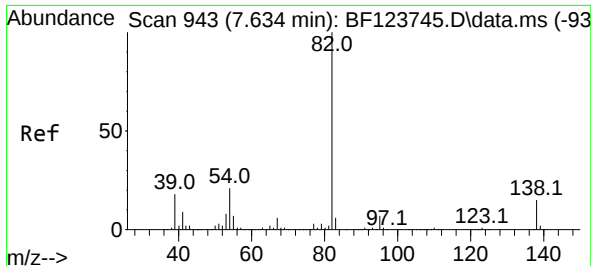


#23
Nitrobenzene-d5
Concen: 93.54 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion: 82 Resp: 1414931

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	63.3	54.1	81.1

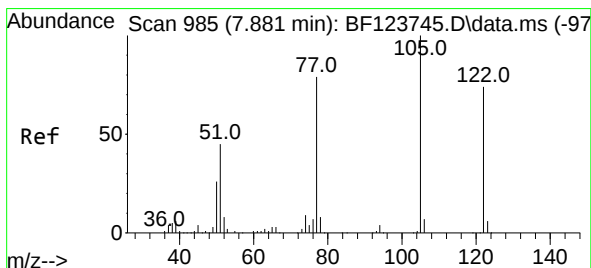
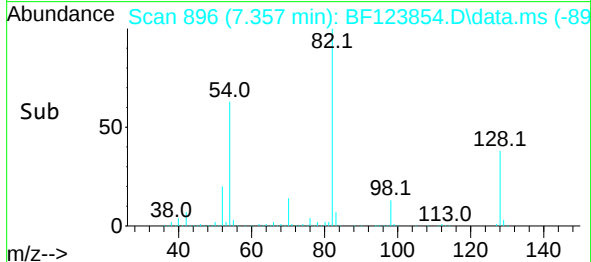
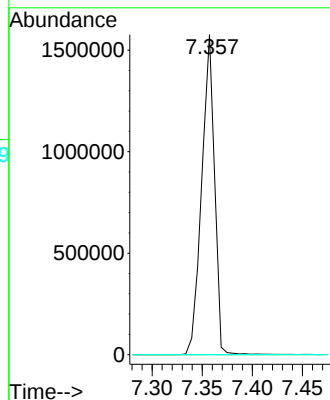
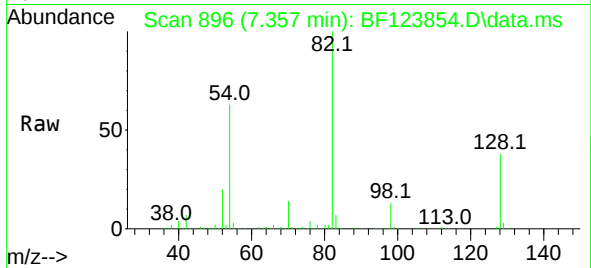




#25
Isophorone
Concen: 49.89 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

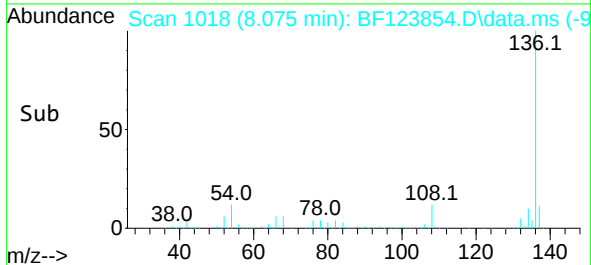
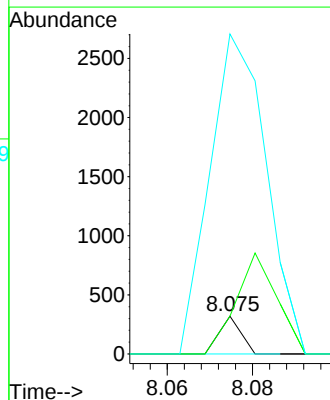
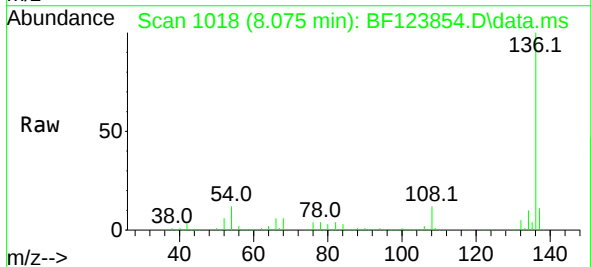
Instrument :
BNA_F
ClientSampleId :
MW-3

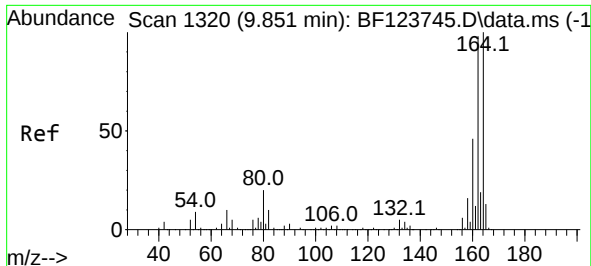
Tgt Ion: 82 Resp: 1414905
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.200 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 100.0 107.8 147.8#
77 848.6 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF123854.D

Acq: 6 May 2021 14:53

Tgt Ion:164 Resp: 352108

Ion Ratio Lower Upper

164 100

162 98.9 80.7 121.1

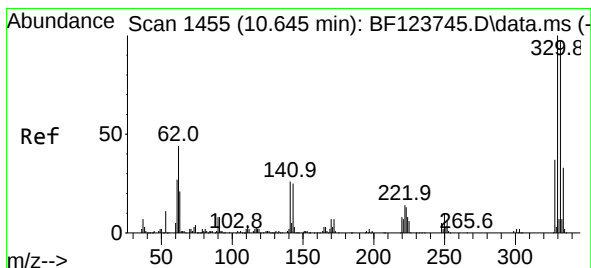
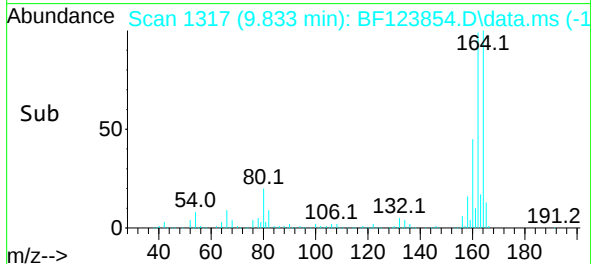
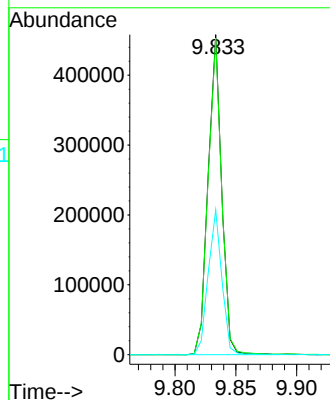
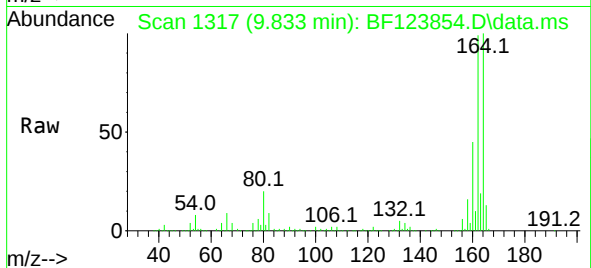
160 45.2 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

MW-3



#42

2,4,6-Tribromophenol

Concen: 132.07 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF123854.D

Acq: 6 May 2021 14:53

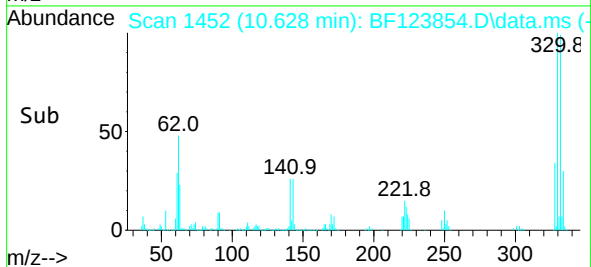
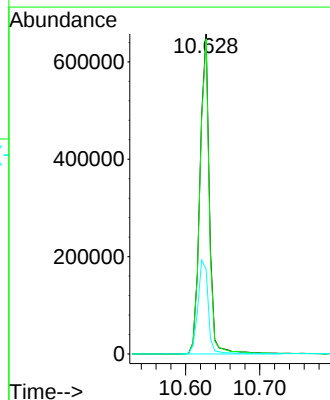
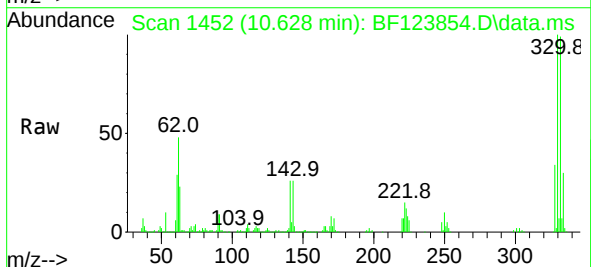
Tgt Ion:330 Resp: 578925

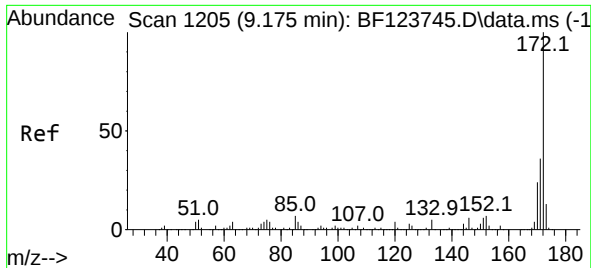
Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 32.4 27.9 41.9

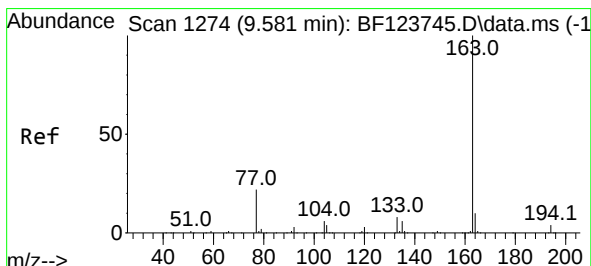
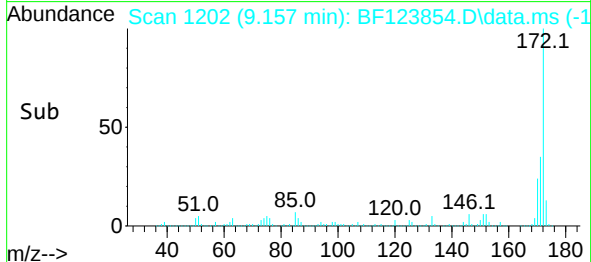
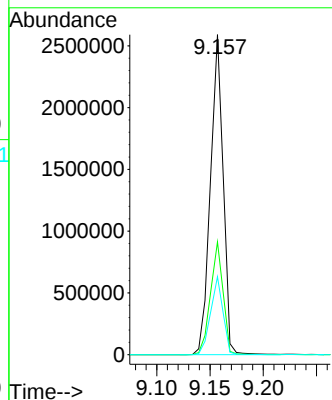
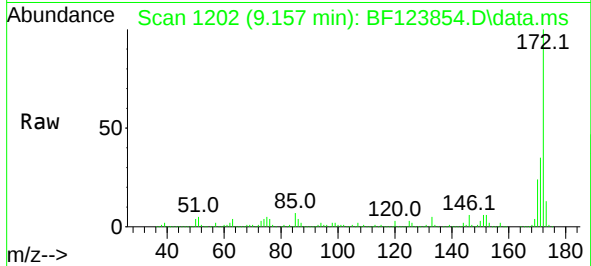




#45
2-Fluorobiphenyl
Concen: 89.47 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

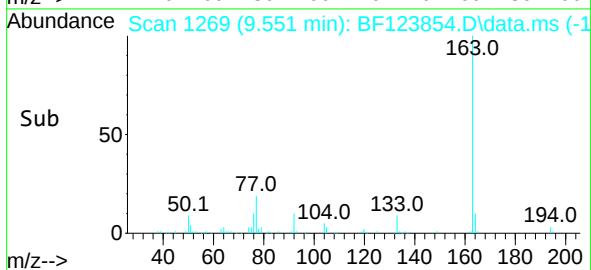
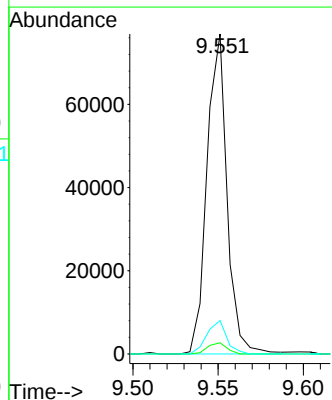
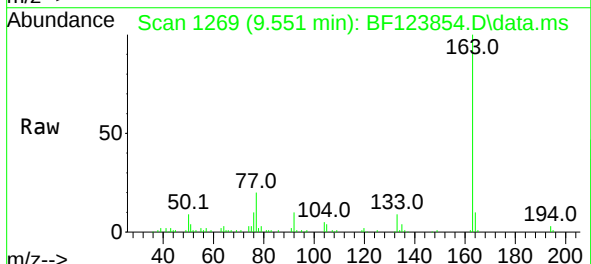
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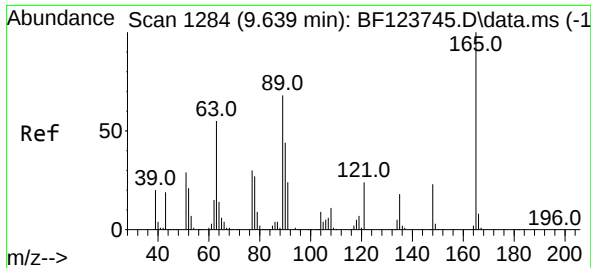
Tgt Ion:172 Resp: 2163294
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.3 19.2 28.8



#50
Dimethylphthalate
Concen: 2.54 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion:163 Resp: 63033
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.5 8.2 12.2

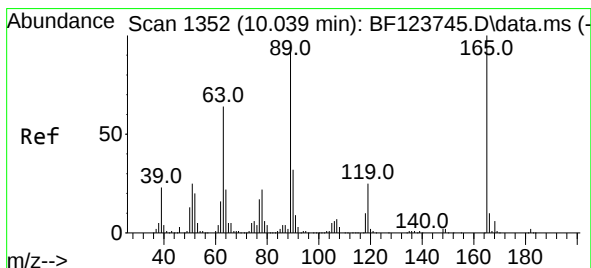
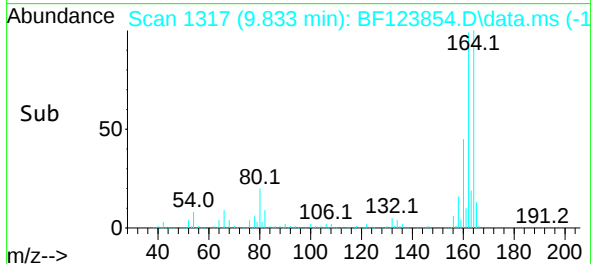
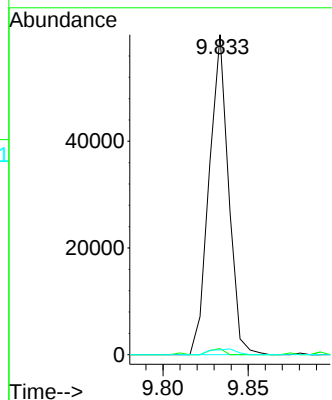
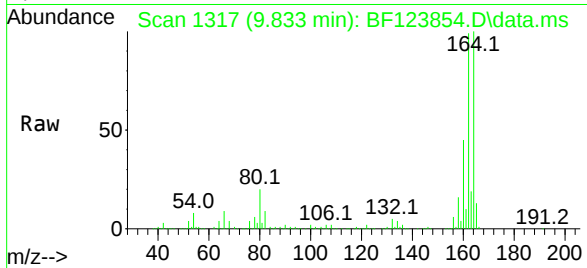




#51
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

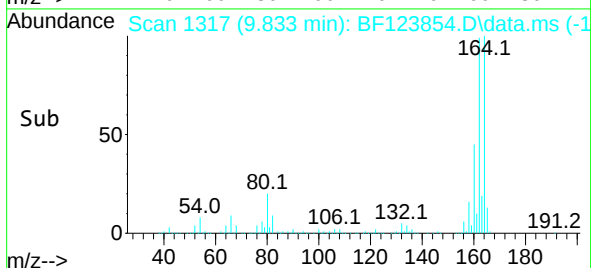
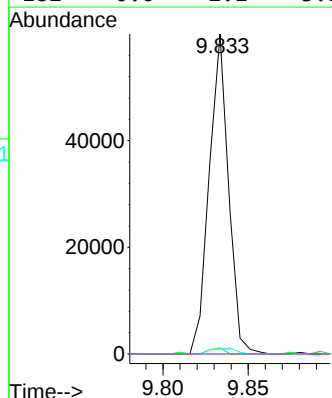
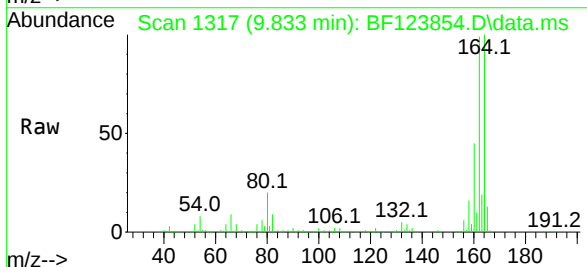
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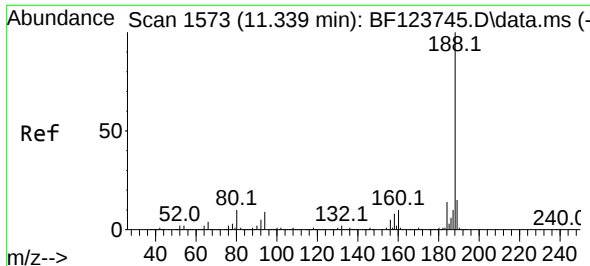
Tgt Ion:165 Resp: 47296
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 1.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion:165 Resp: 47296
Ion Ratio Lower Upper
165 100
63 1.9 43.5 65.3#
89 1.5 67.7 101.5#
182 0.0 2.1 3.1#

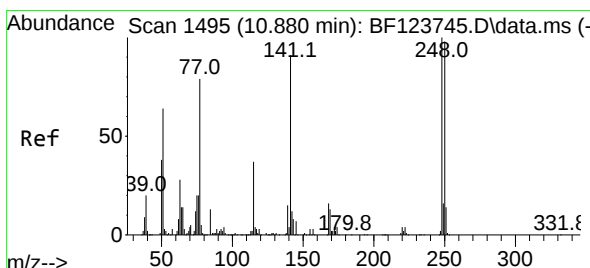
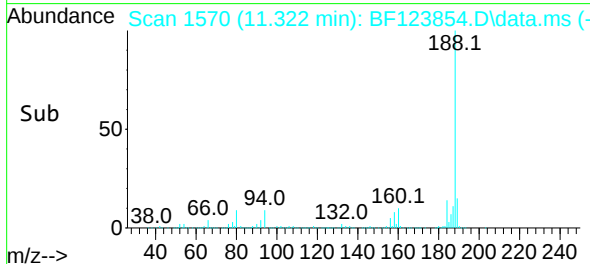
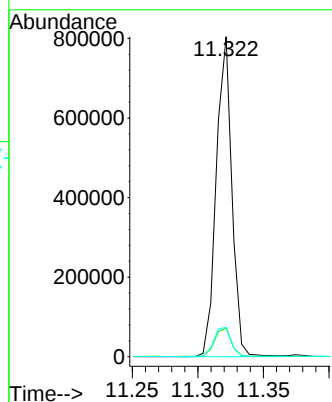
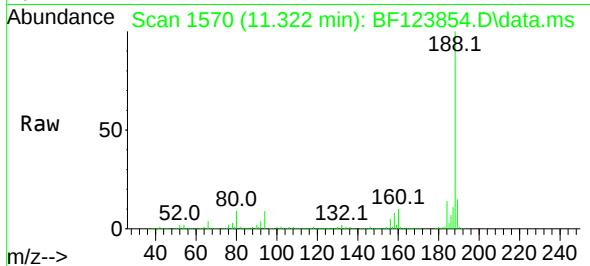




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

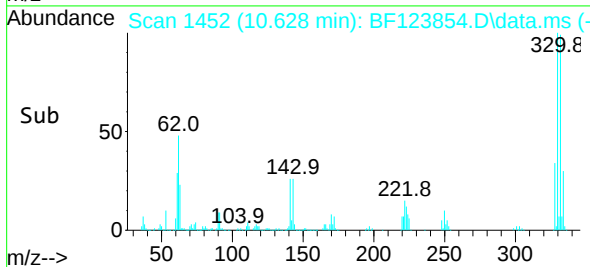
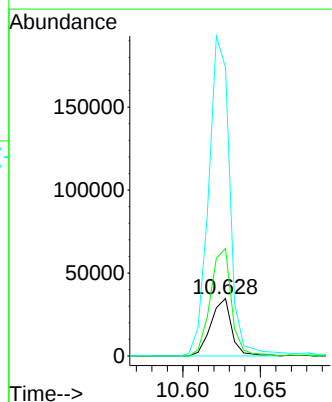
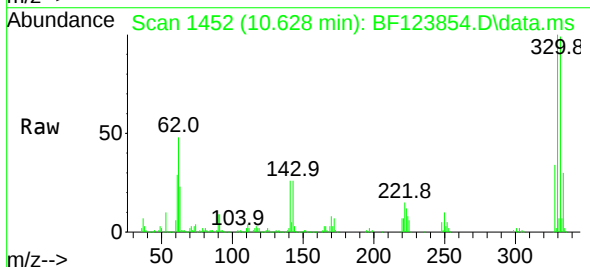
Instrument :
BNA_F
ClientSampleId :
MW-3

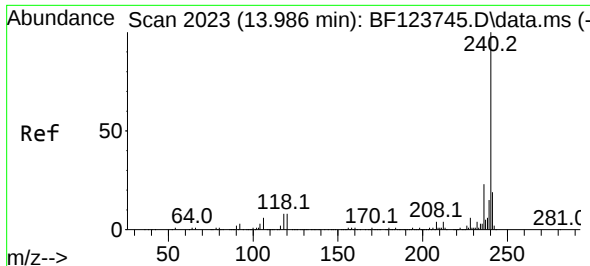
Tgt Ion:188 Resp: 664247
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

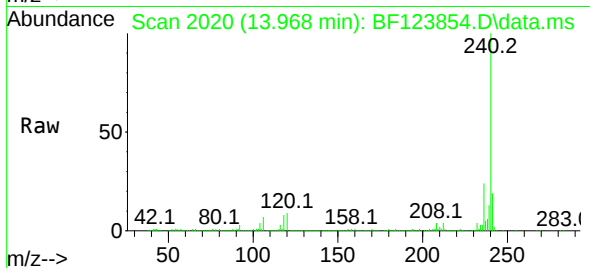
Tgt Ion:248 Resp: 32236
Ion Ratio Lower Upper
248 100
250 187.0 77.4 116.2#
141 501.6 63.7 95.5#



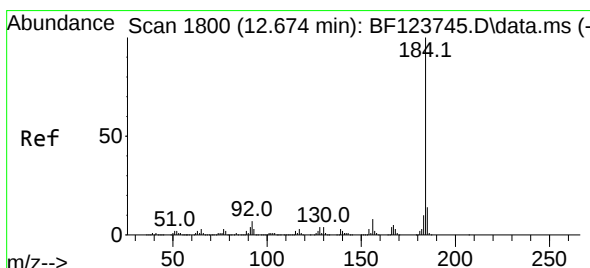
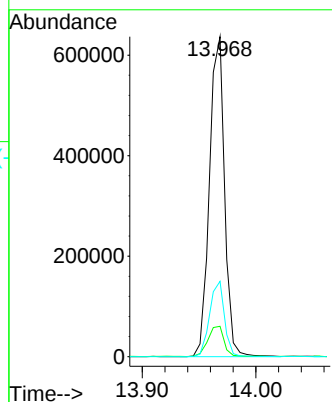
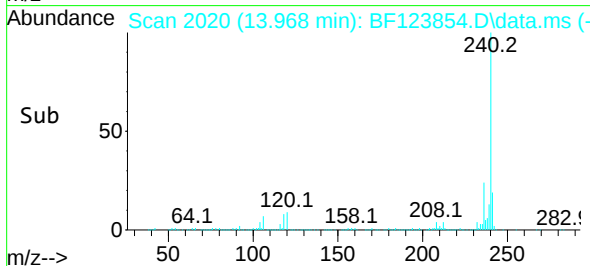


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

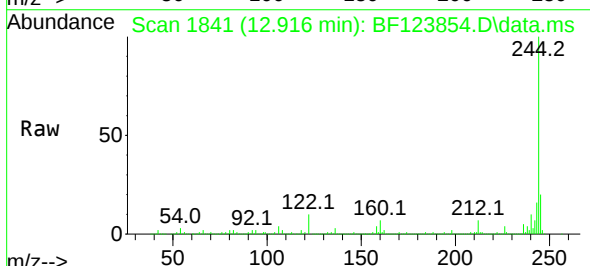
Instrument :
BNA_F
ClientSampleId :
MW-3



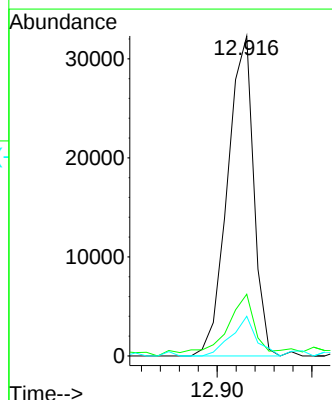
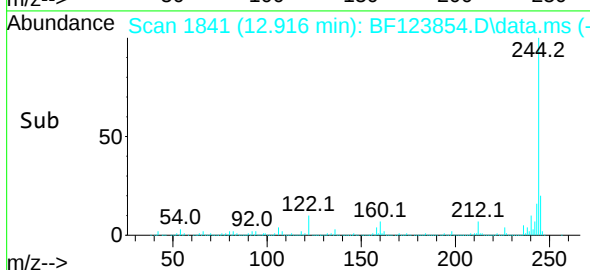
Tgt Ion:240 Resp: 588429
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 23.6 19.0 28.4

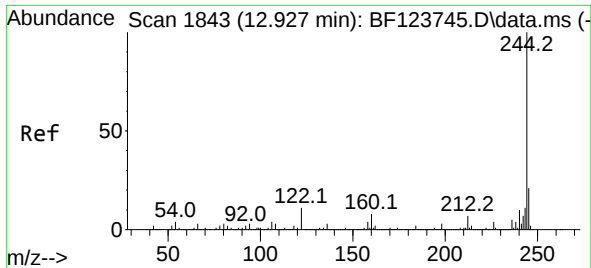


#77
Benzidine
Concen: 2.03 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.253 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53



Tgt Ion:184 Resp: 30907
Ion Ratio Lower Upper
184 100
185 19.3 12.1 18.1#
183 12.4 7.8 11.8#

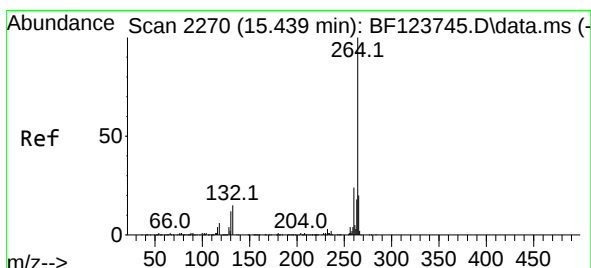
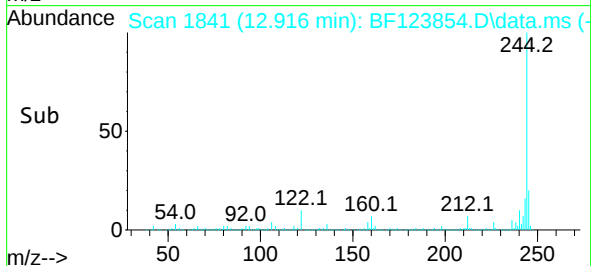
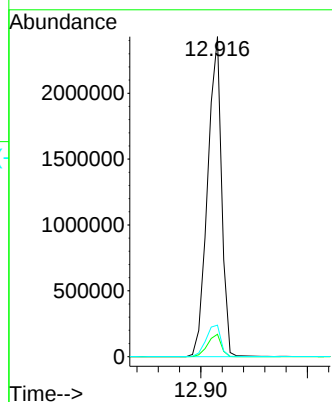
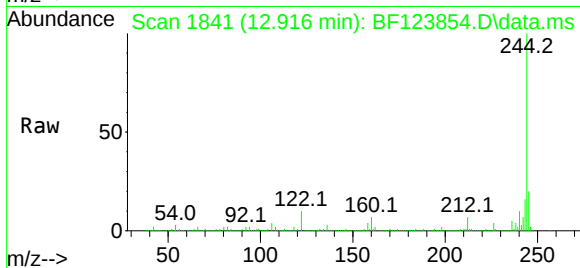




#79
Terphenyl-d14
Concen: 72.52 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 2216157
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.9 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123854.D
Acq: 6 May 2021 14:53

Tgt Ion:264 Resp: 493462
Ion Ratio Lower Upper
264 100
260 22.0 18.7 28.1
265 20.8 17.8 26.8

