

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123443.D
 Acq On : 24 Mar 2021 17:18
 Operator : JU/CG
 Sample : M1770-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Mar 25 00:39:44 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)

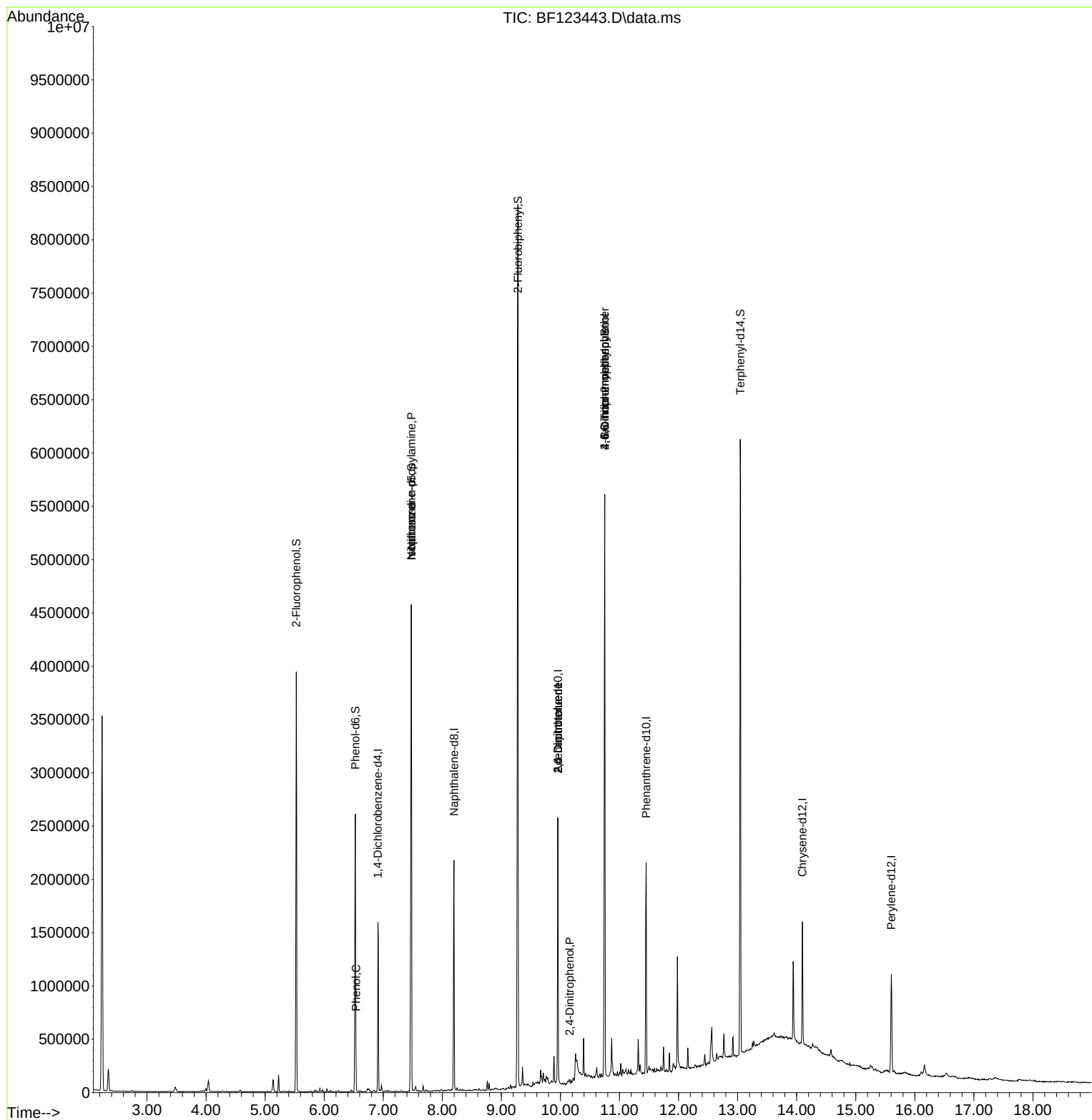
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	232412	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	856152	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	460951	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	690568	20.00	ng	0.00
76) Chrysene-d12	14.098	240	386723	20.00	ng	-0.01
86) Perylene-d12	15.604	264	443919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	939213	66.11	ng	0.00
7) Phenol-d6	6.528	99	728782	38.54	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1528837	96.38	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	660288	128.13	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2663986	82.56	ng	0.00
79) Terphenyl-d14	13.045	244	2078179	91.07	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	738	Below Cal	#	77
10) Phenol	6.540	94	58569	3.02	ng	94
19) n-Nitroso-di-n-propyla...	7.475	70	214025	17.50	ng	# 82
25) Isophorone	7.475	82	1510741	44.30	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	62187	9.09	ng	# 32
54) 2,4-Dinitrophenol	10.157	184	110	8.67	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	62187	7.29	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.751	198	1888	5.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	40042	4.90	ng	# 1

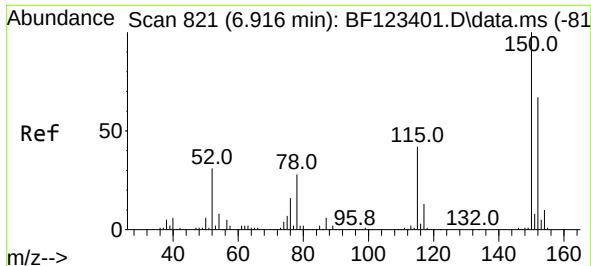
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123443.D
Acq On : 24 Mar 2021 17:18
Operator : JU/CG
Sample : M1770-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-105S

Quant Time: Mar 25 00:39:44 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

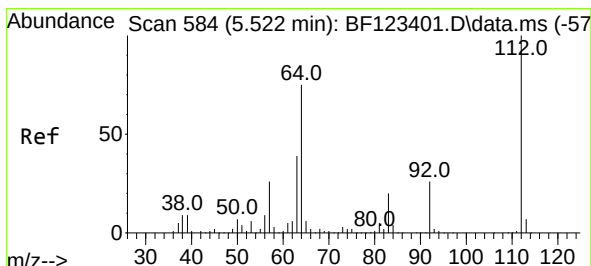
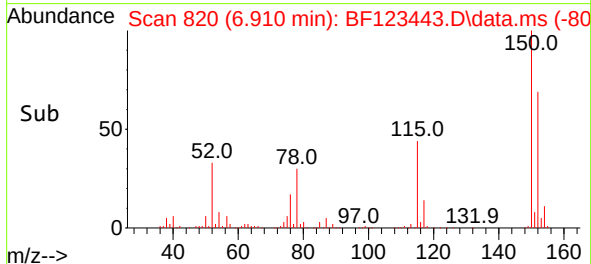
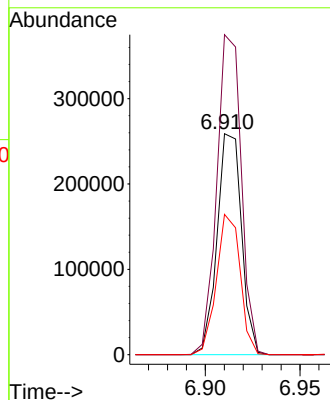
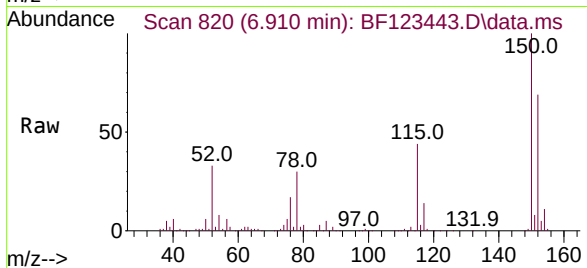




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.910 min Scan# 820
 Delta R.T. -0.006 min
 Lab File: BF123443.D
 Acq: 24 Mar 2021 17:18

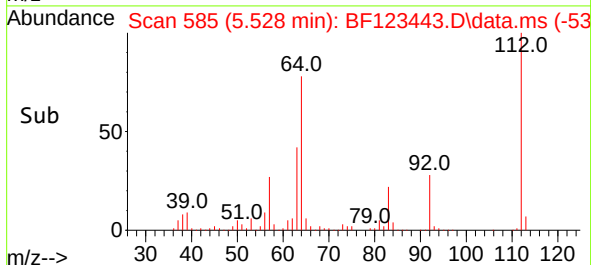
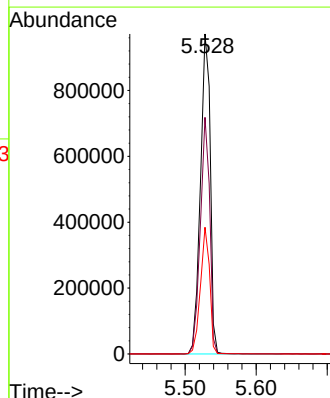
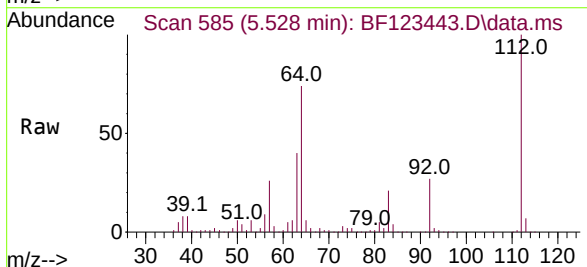
Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

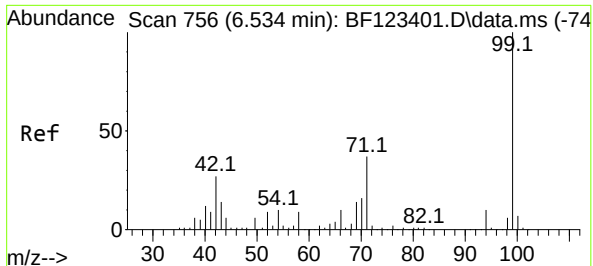
Tgt Ion:152 Resp: 232412
 Ion Ratio Lower Upper
 152 100
 150 144.8 125.8 188.6
 115 63.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 66.11 ng
 RT: 5.528 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BF123443.D
 Acq: 24 Mar 2021 17:18

Tgt Ion:112 Resp: 939213
 Ion Ratio Lower Upper
 112 100
 64 74.0 46.9 70.3#
 63 39.6 24.5 36.7#

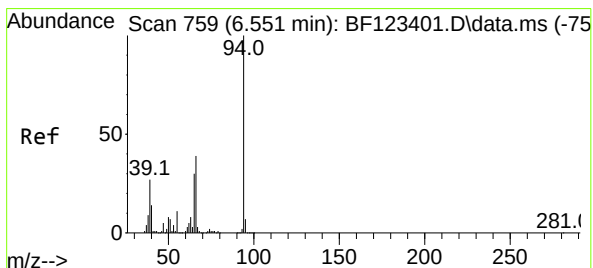
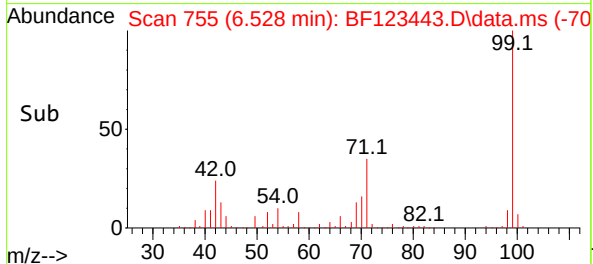
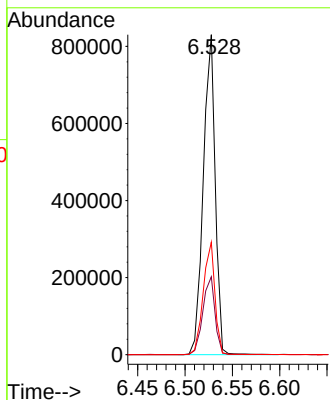
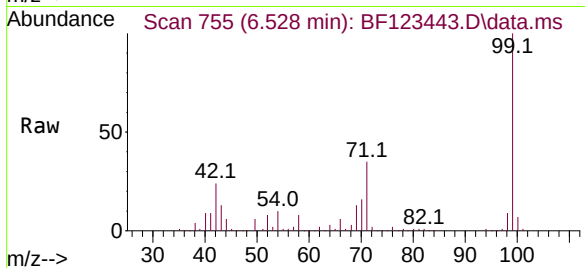




#7
Phenol-d6
Concen: 38.54 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

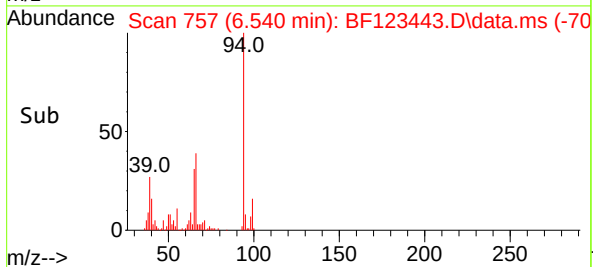
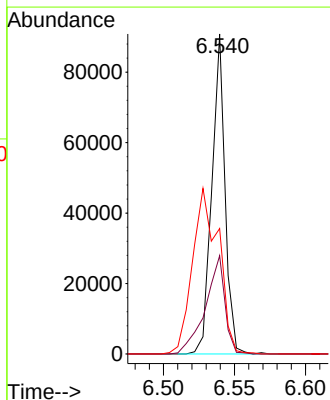
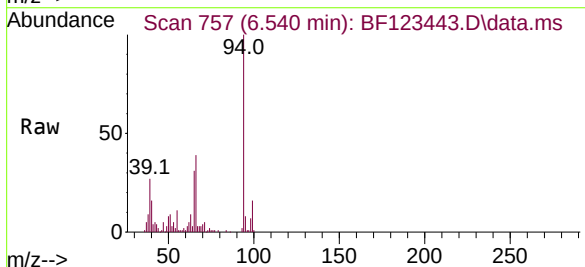
Instrument :
BNA_F
ClientSampleId :
MW-105S

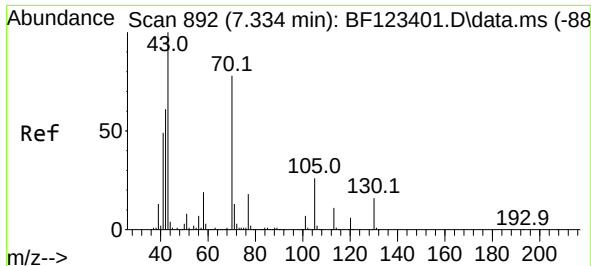
Tgt Ion: 99 Resp: 728782
Ion Ratio Lower Upper
99 100
42 24.3 13.8 20.6#
71 35.1 26.9 40.3



#10
Phenol
Concen: 3.02 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

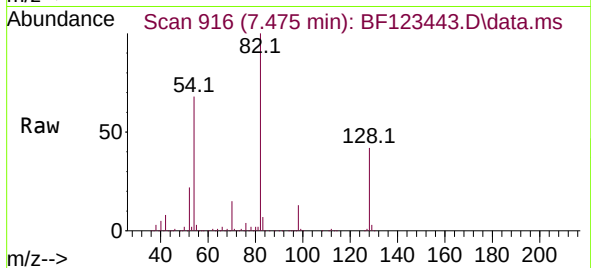
Tgt Ion: 94 Resp: 58569
Ion Ratio Lower Upper
94 100
65 30.7 11.2 51.2
66 39.2 25.8 65.8



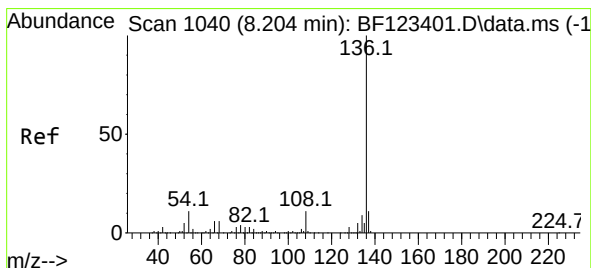
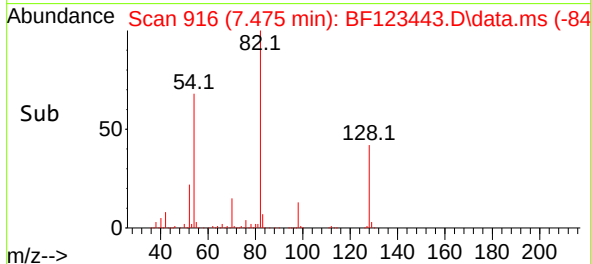
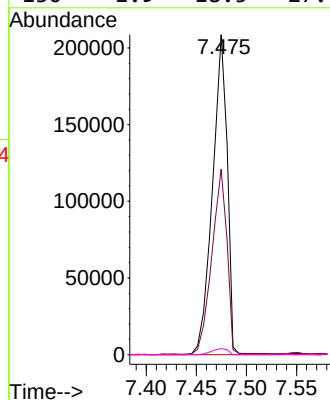


#19
n-Nitroso-di-n-propylamine
Concen: 17.50 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Instrument :
BNA_F
ClientSampleId :
MW-105S

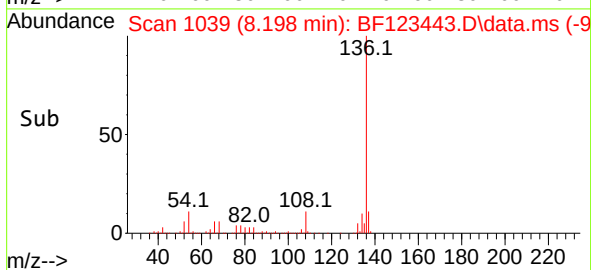
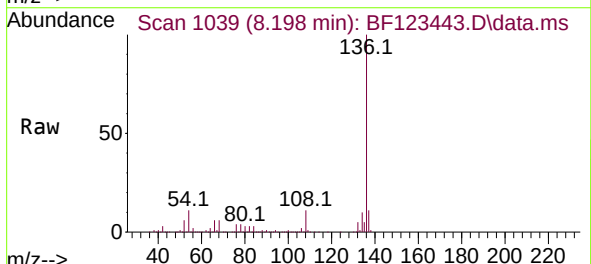
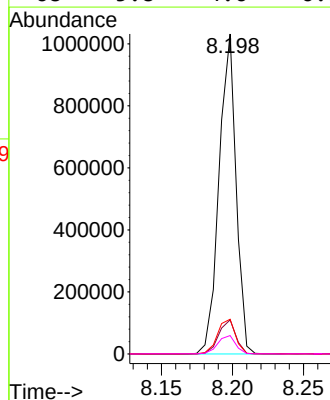


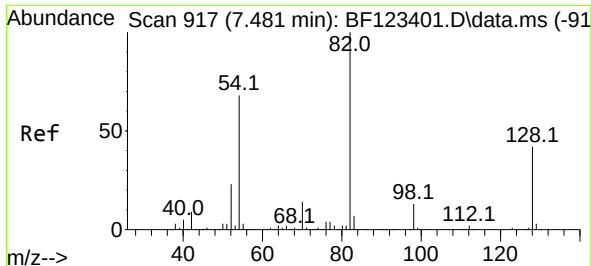
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.0	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.9	5.5	8.3#
68	5.8	4.6	6.8

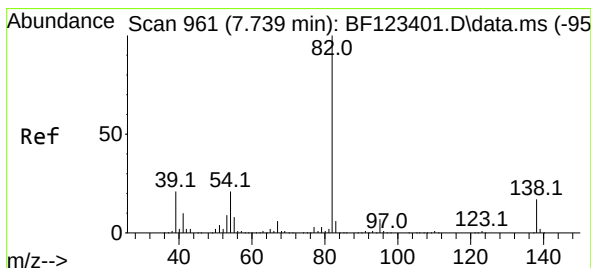
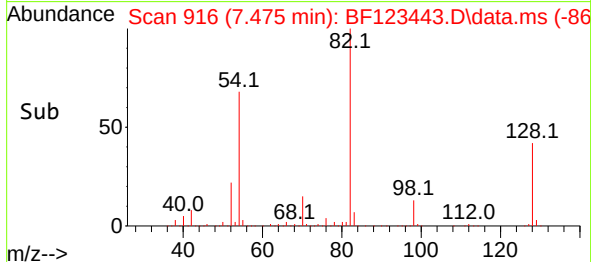
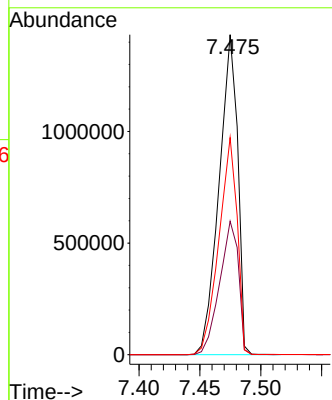
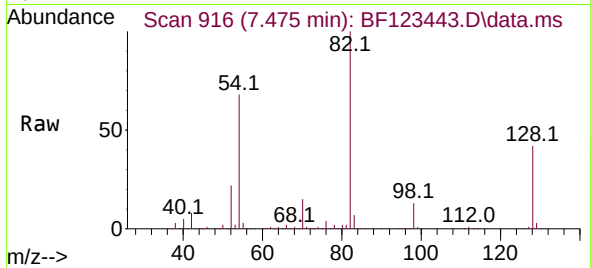




#23
Nitrobenzene-d5
Concen: 96.38 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

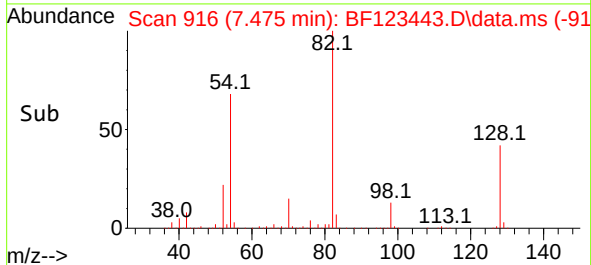
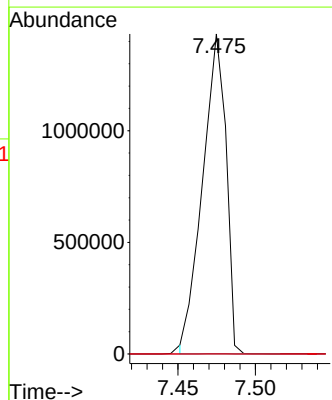
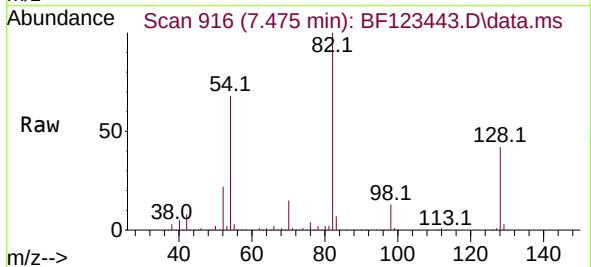
Instrument :
BNA_F
ClientSampleId :
MW-105S

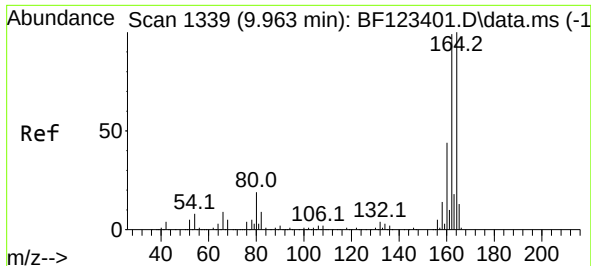
Tgt Ion: 82 Resp: 1528837
Ion Ratio Lower Upper
82 100
128 41.7 37.0 55.4
54 67.8 38.4 57.6#



#25
Isophorone
Concen: 44.30 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion: 82 Resp: 1510741
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: BF123443.D

Acq: 24 Mar 2021 17:18

Instrument :

BNA_F

ClientSampleId :

MW-105S

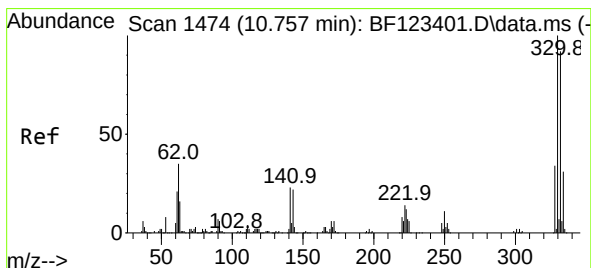
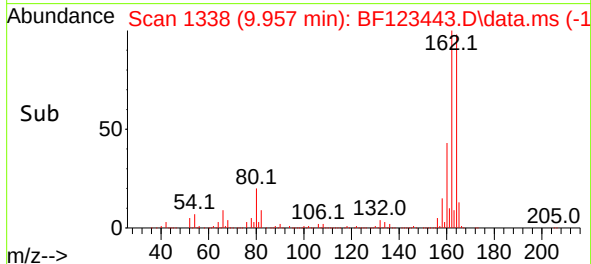
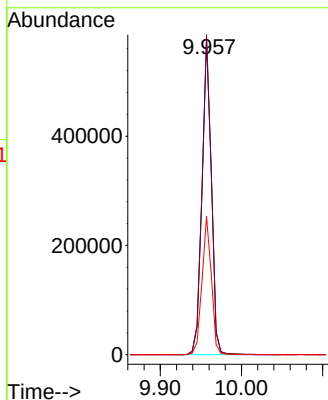
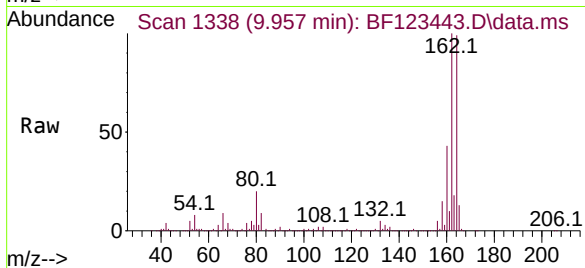
Tgt Ion:164 Resp: 460951

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 43.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 128.13 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF123443.D

Acq: 24 Mar 2021 17:18

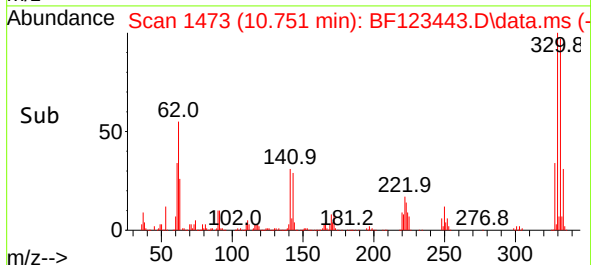
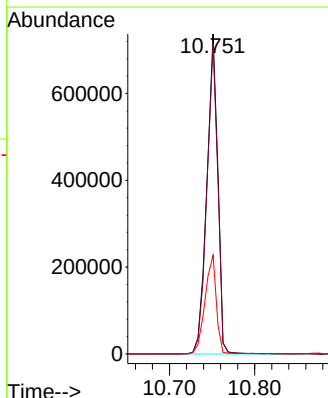
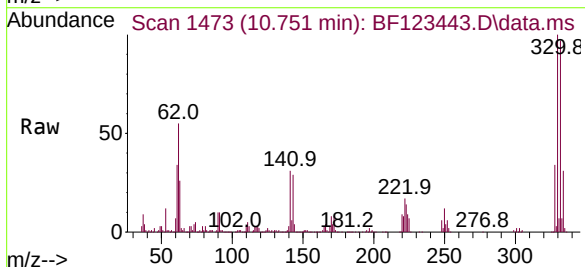
Tgt Ion:330 Resp: 660288

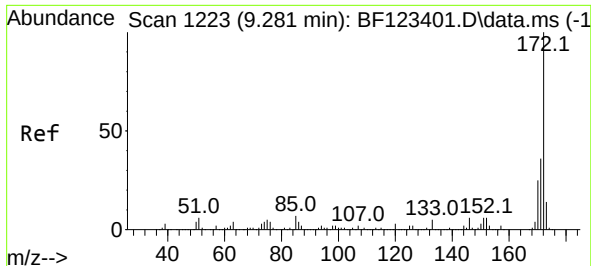
Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 31.5 23.8 35.8

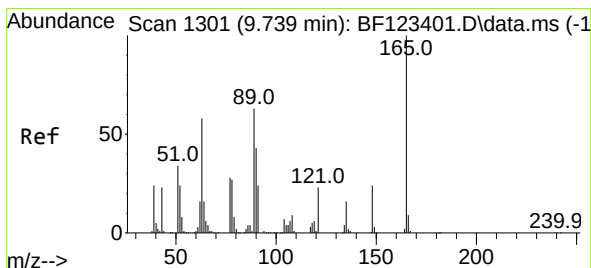
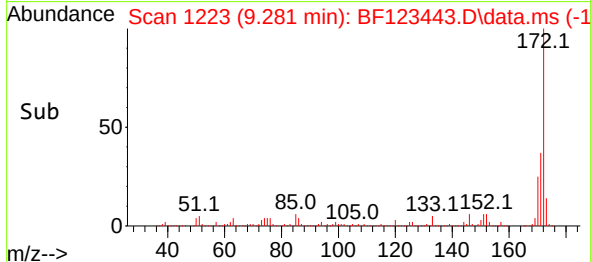
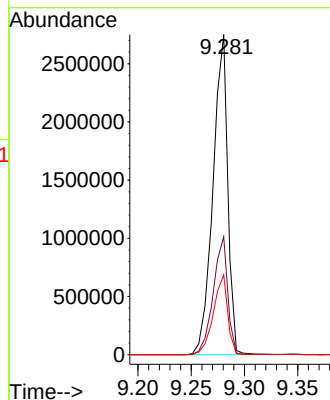
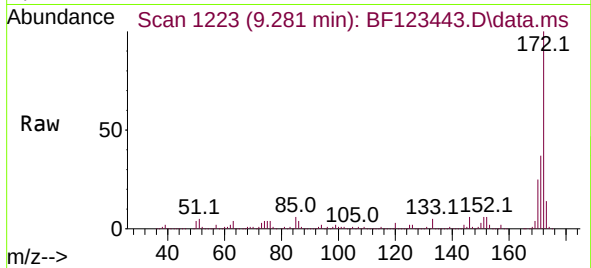




#45
2-Fluorobiphenyl
Concen: 82.56 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

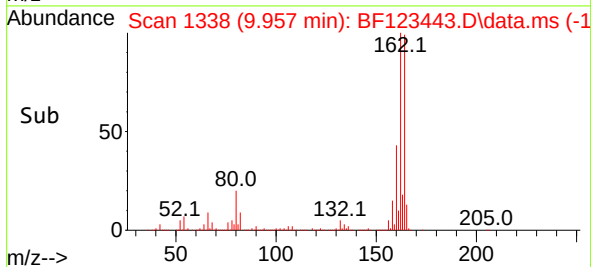
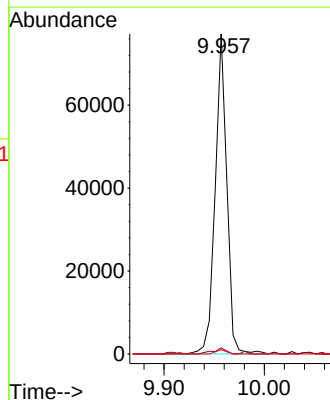
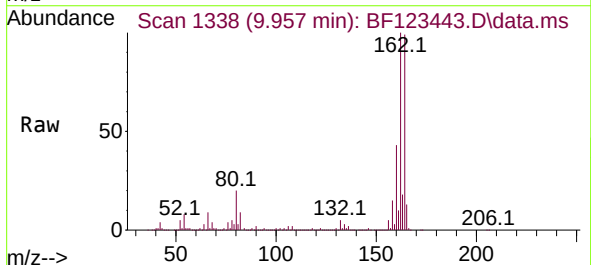
Instrument :
BNA_F
ClientSampleId :
MW-105S

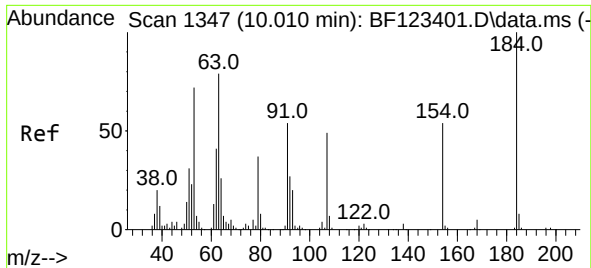
Tgt Ion:172 Resp: 2663986
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.9 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 9.09 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:165 Resp: 62187
Ion Ratio Lower Upper
165 100
63 1.9 36.6 55.0#
89 1.4 39.4 59.0#

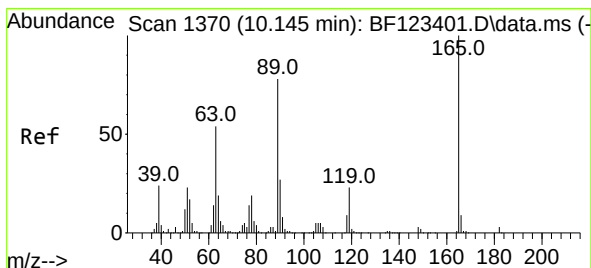
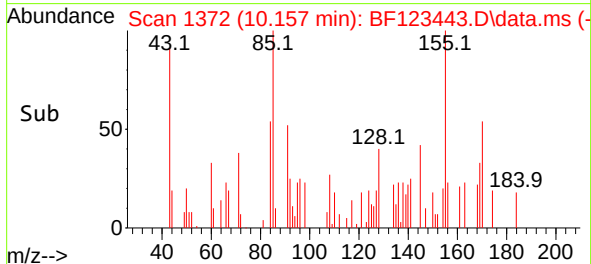
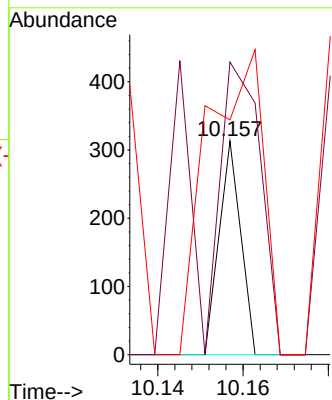
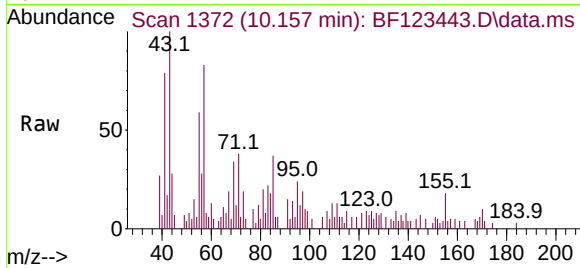




#54
2,4-Dinitrophenol
Concen: 8.67 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.141 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

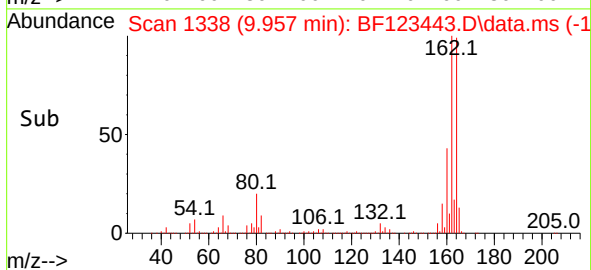
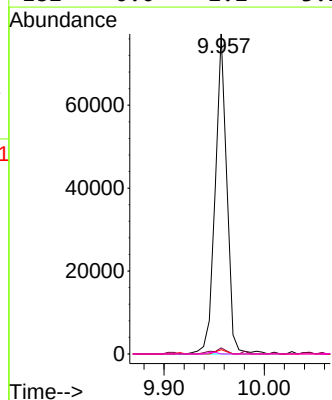
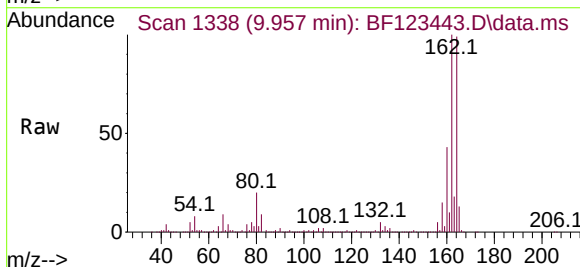
Instrument :
BNA_F
ClientSampled :
MW-105S

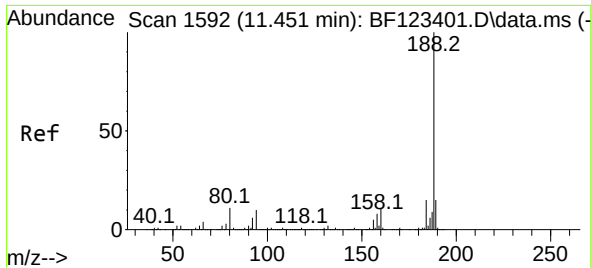
Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 137.1 51.4 77.2#
154 109.9 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.29 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:165 Resp: 62187
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

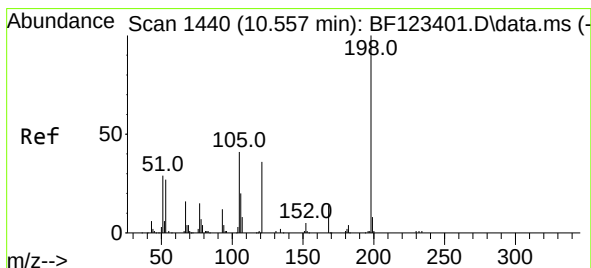
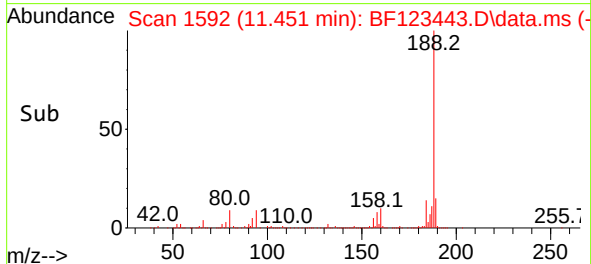
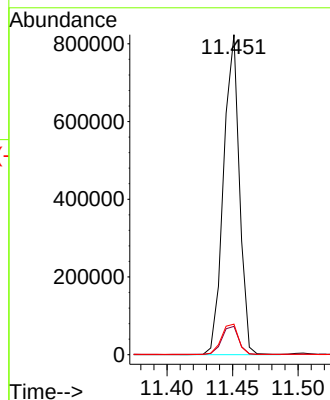
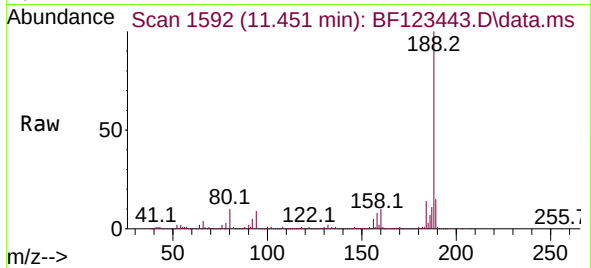




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

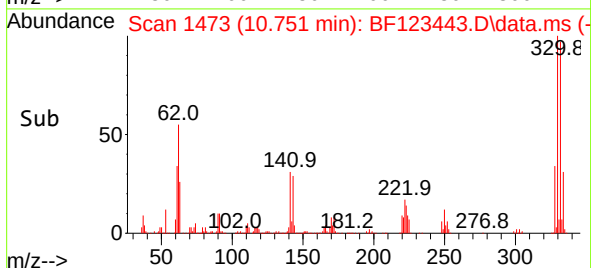
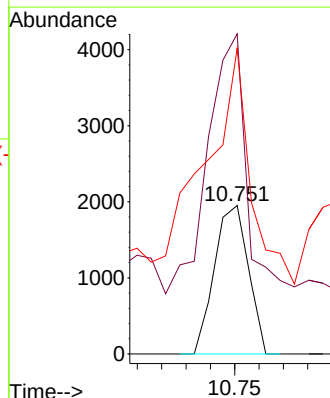
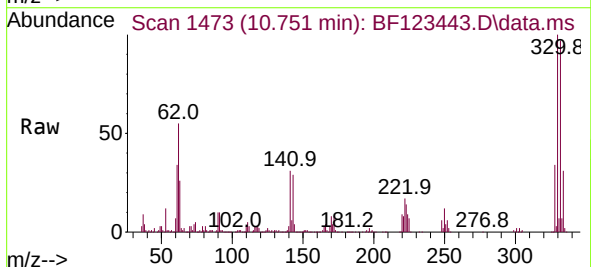
Instrument :
BNA_F
ClientSampleId :
MW-105S

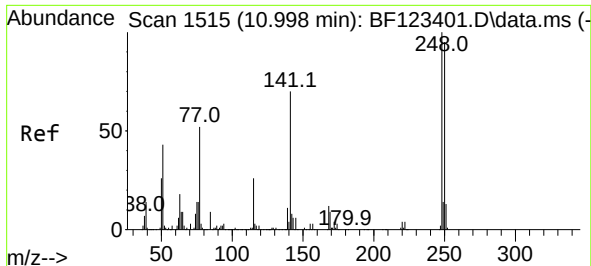
Tgt Ion:188	Resp:	690568
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.4 11.2
80	9.5	8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.58 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:198	Resp:	1888
Ion Ratio	Lower	Upper
198	100	
51	215.6	20.3 60.3#
105	205.9	23.0 63.0#

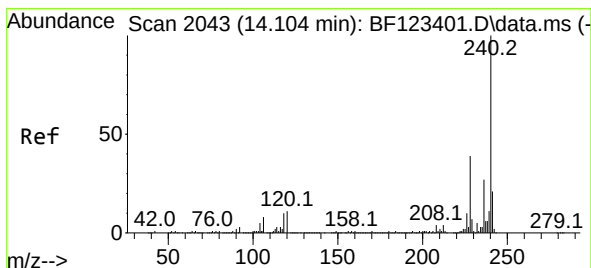
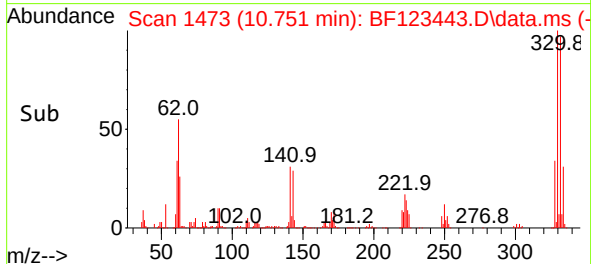
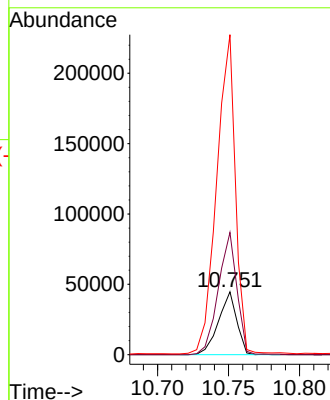
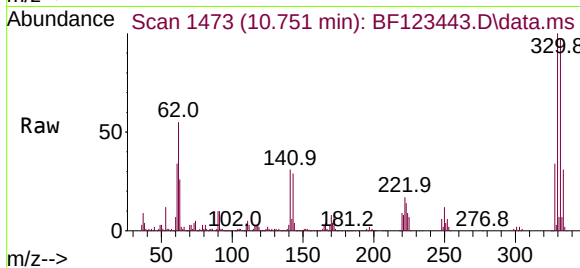




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

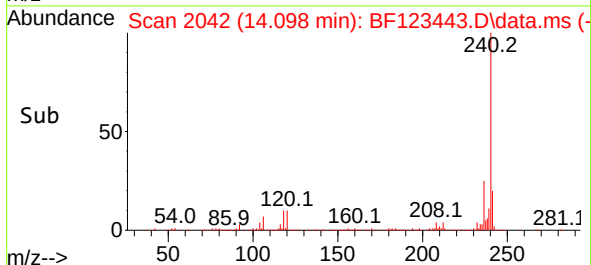
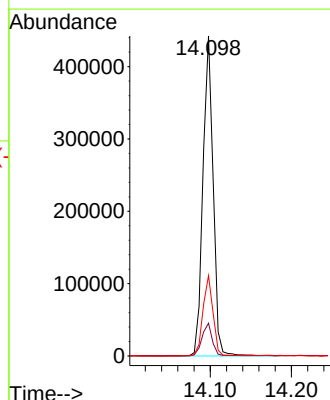
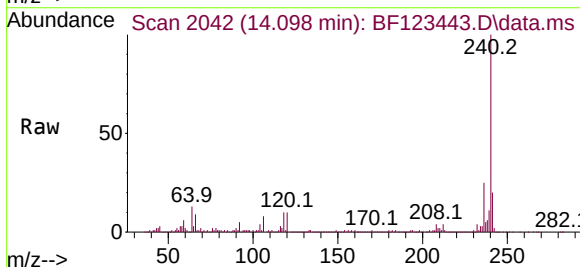
Instrument :
BNA_F
ClientSampleId :
MW-105S

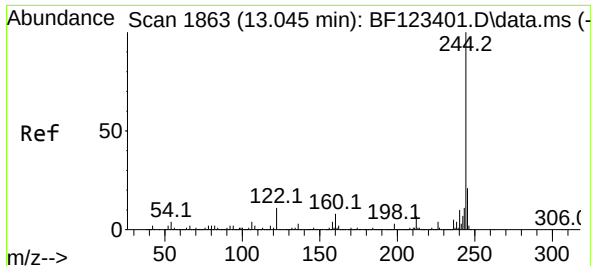
Tgt Ion:248 Resp: 40042
Ion Ratio Lower Upper
248 100
250 194.4 76.8 115.2#
141 509.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:240 Resp: 386723
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.1 20.3 30.5

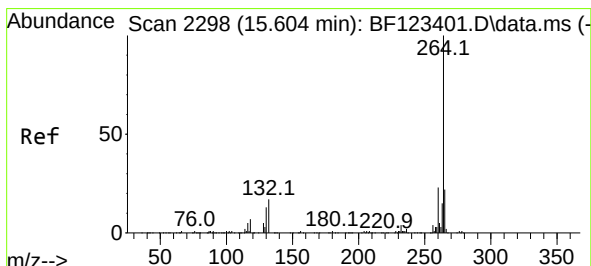
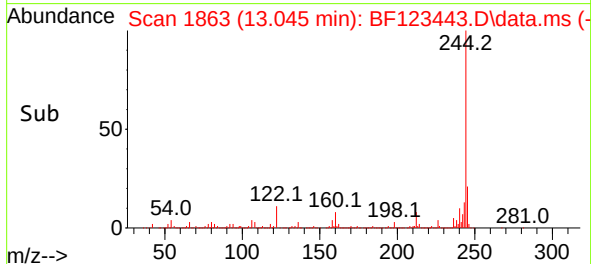
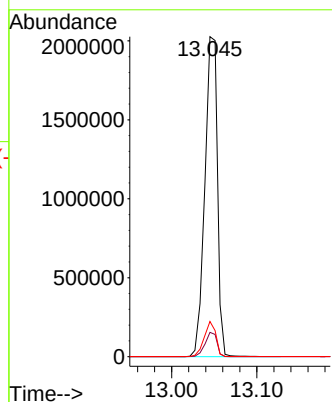
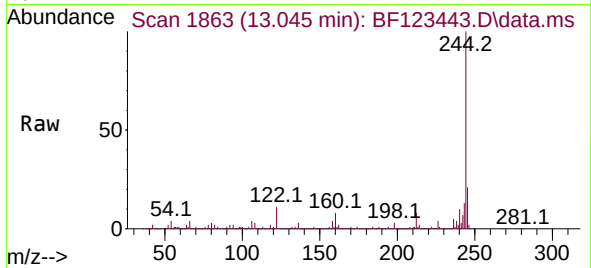




#79
Terphenyl-d14
Concen: 91.07 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:244 Resp: 2078179
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.0 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: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:264 Resp: 443919
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.9 17.0 25.6

