

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123411.D
 Acq On : 23 Mar 2021 19:21
 Operator : JU/CG
 Sample : M1710-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Mar 24 00:26:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

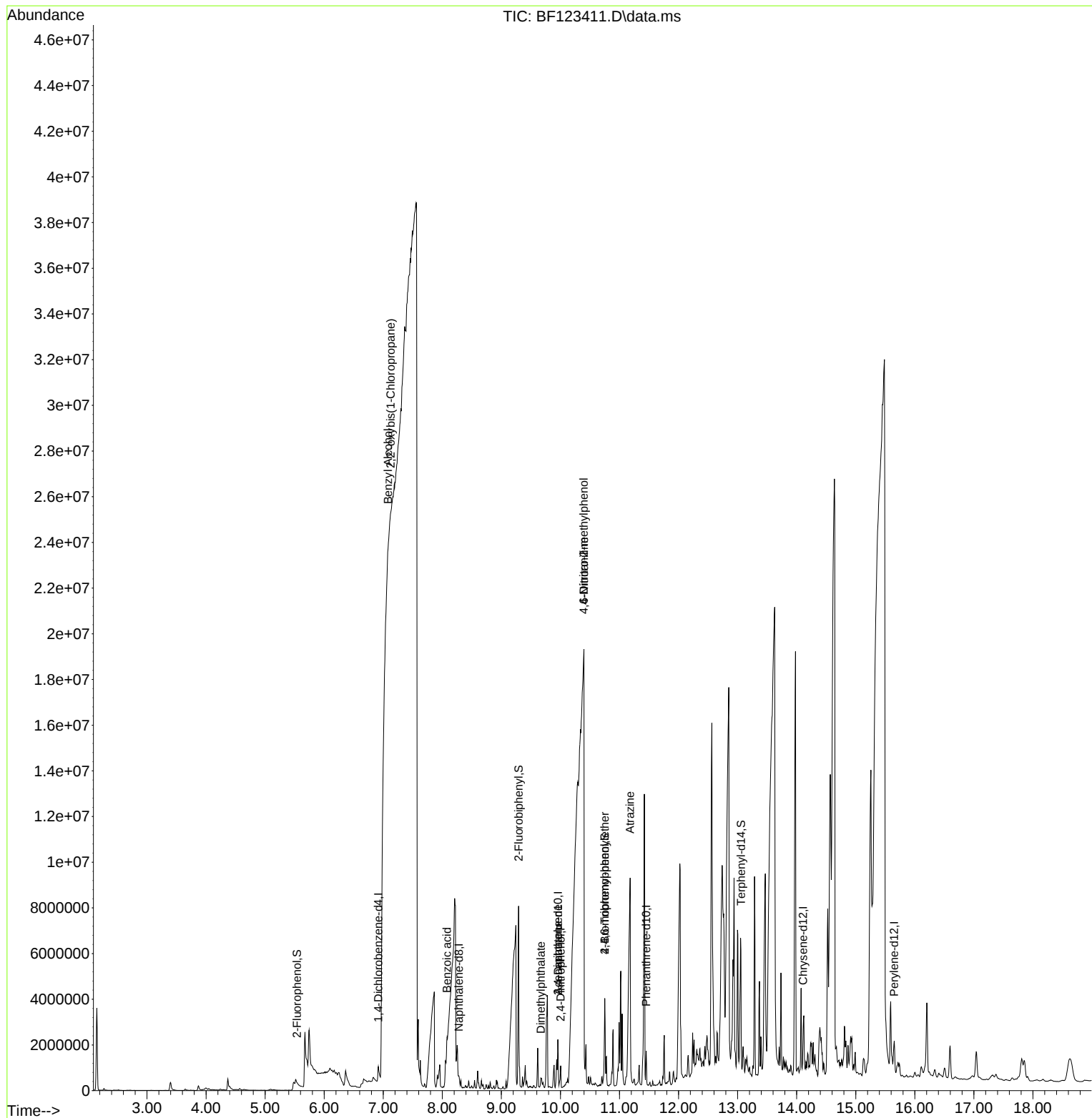
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	207669	20.00	ng	0.00
21) Naphthalene-d8	8.281	136	782137	20.00	ng	# 0.08
39) Acenaphthene-d10	9.957	164	373014	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	544723	20.00	ng	0.00
76) Chrysene-d12	14.110	240	425583	20.00	ng	0.00
86) Perylene-d12	15.651	264	471555	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	117570	9.26	ng	0.02
7) Phenol-d6	6.534	99	837	0.05	ng	0.00
23) Nitrobenzene-d5	0.000	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	10.751	330	349470	83.80	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2255631	86.39	ng	0.01
79) Terphenyl-d14	13.057	244	1965849	78.28	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	3802	Below Cal	#	49
15) Benzyl Alcohol	7.081	79	111574	8.43	ng	# 36
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1014288	32.68	ng	94
32) Benzoic acid	8.081	122	59028	7.86	ng	# 26
50) Dimethylphthalate	9.669	163	131543	4.97	ng	98
54) 2,4-Dinitrophenol	10.004	184	1795	9.25	ng	# 35
57) 2,4-Dinitrotoluene	9.957	165	51084	7.40	ng	# 26
62) 4-Nitroaniline	10.398	138	456647	82.44	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.392	198	129	5.16	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	20711	3.21	ng	# 1
69) Atrazine	11.180	200	14177	2.44	ng	# 48

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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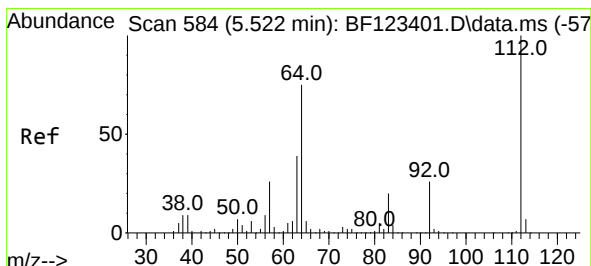
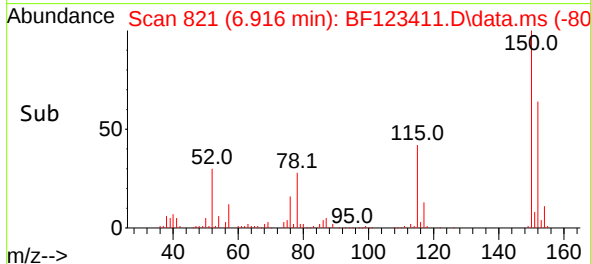
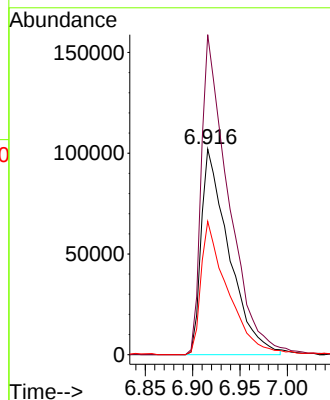
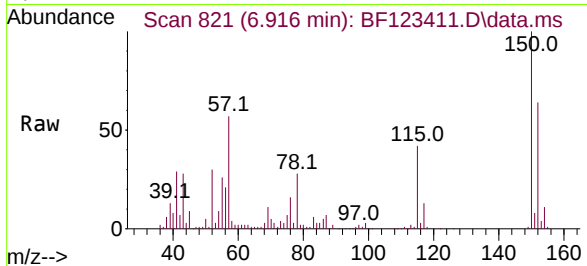




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

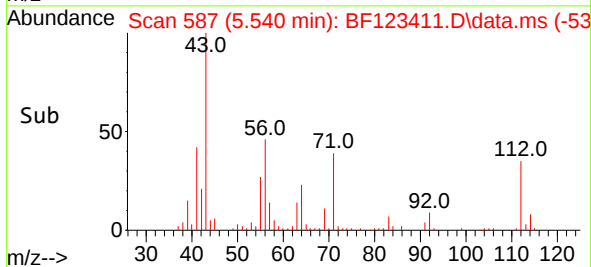
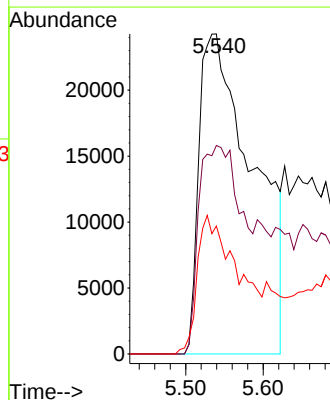
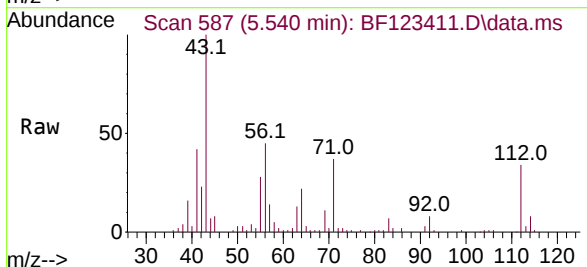
Instrument :
BNA_F
ClientSampleId :
EFF-WW

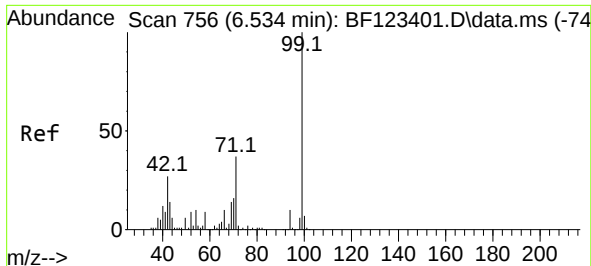
Tgt Ion:152 Resp: 207669
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 64.8 49.3 73.9



#5
2-Fluorophenol
Concen: 9.26 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion:112 Resp: 117570
Ion Ratio Lower Upper
112 100
64 65.2 46.9 70.3
63 40.0 24.5 36.7#

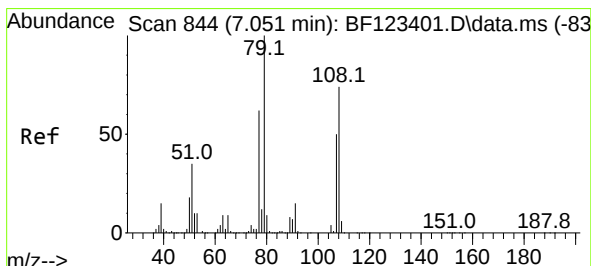
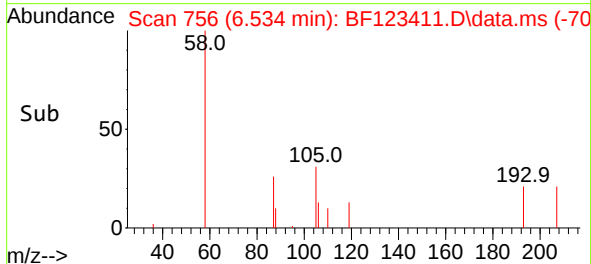
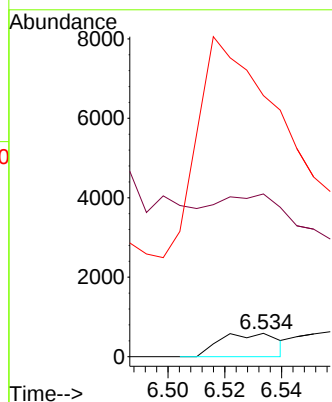
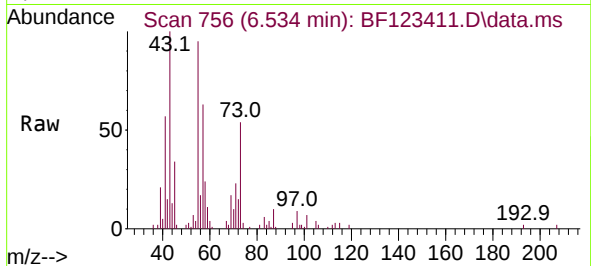




#7
Phenol-d6
Concen: 0.05 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

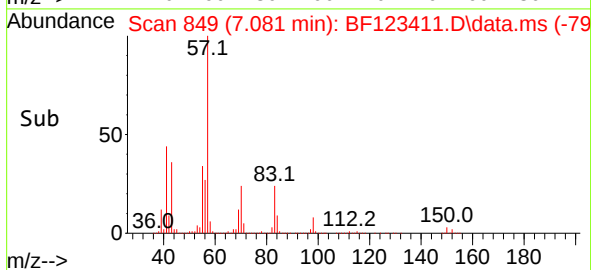
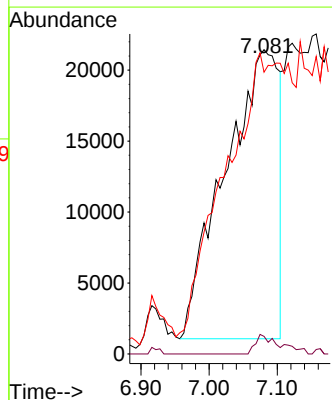
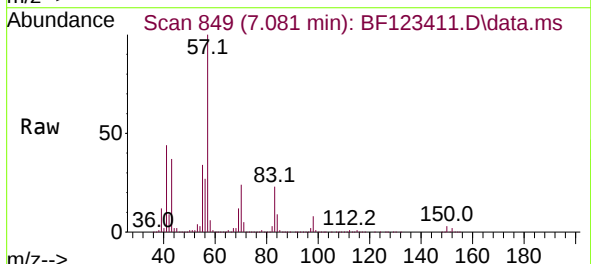
Instrument :
BNA_F
ClientSampleId :
EFF-WW

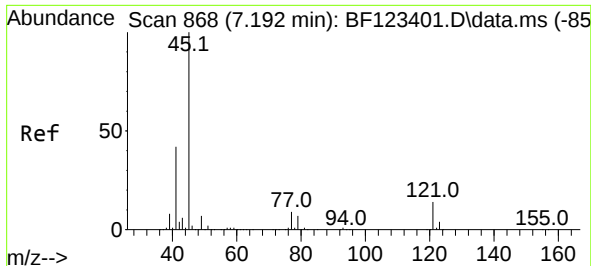
Tgt Ion: 99 Resp: 837
Ion Ratio Lower Upper
99 100
42 698.8 13.8 20.6#
71 1121.8 26.9 40.3#



#15
Benzyl Alcohol
Concen: 8.43 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.029 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion: 79 Resp: 111574
Ion Ratio Lower Upper
79 100
108 5.8 62.4 93.6#
77 92.6 49.0 73.6#

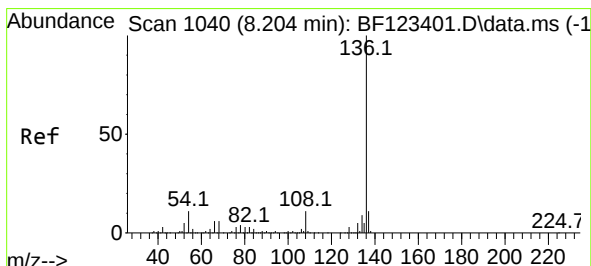
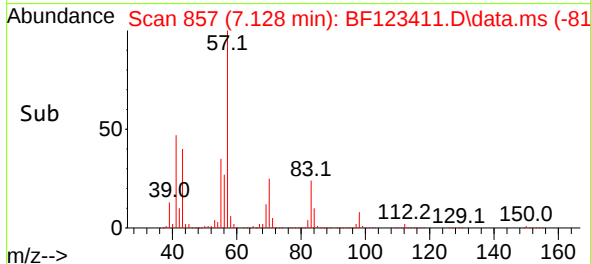
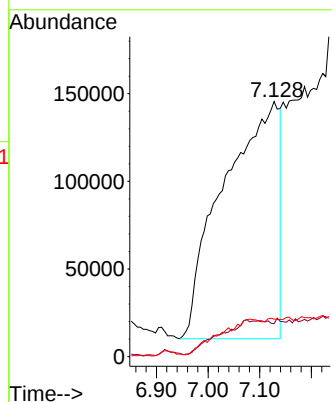
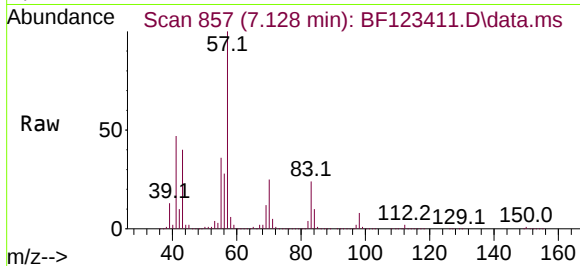




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.68 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.065 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

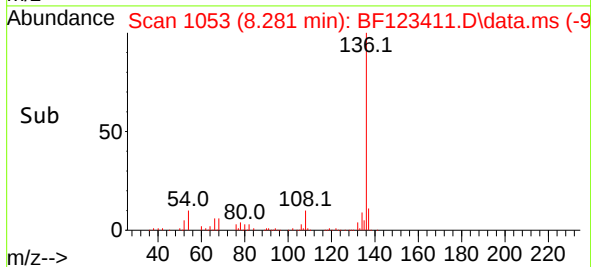
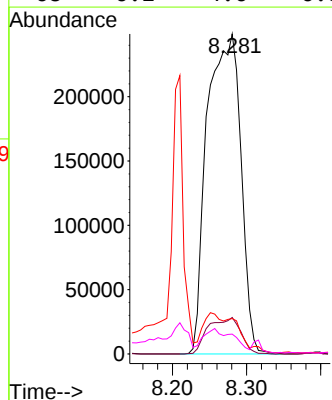
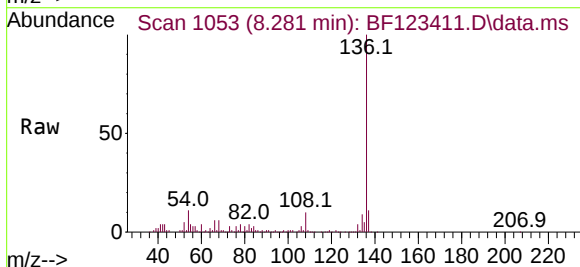
Instrument :
BNA_F
ClientSampleId :
EFF-WW

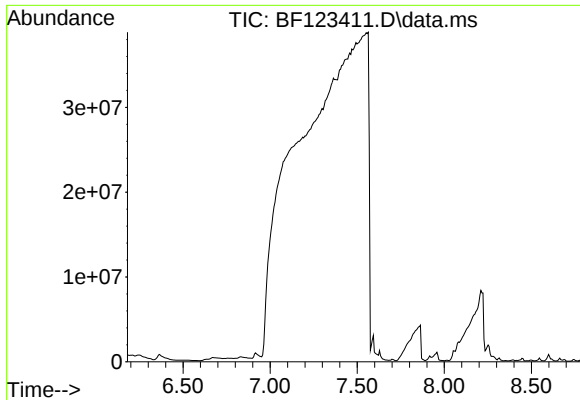
Tgt Ion: 45 Resp: 1014288
Ion Ratio Lower Upper
45 100
77 12.9 0.0 35.6
79 14.8 0.0 32.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.077 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion: 136 Resp: 782137
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.1 5.5 8.3#
68 6.2 4.6 6.8



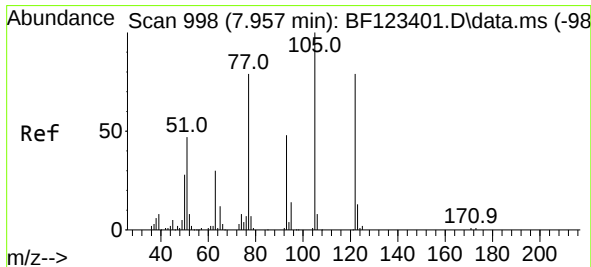
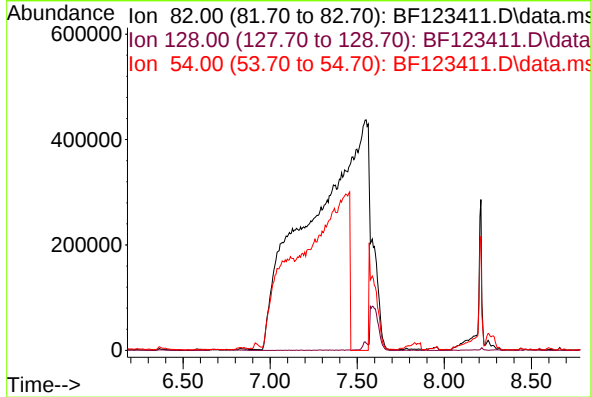


#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.48 min
 Lab File: BF123411.D
 Acq: 23 Mar 2021 19:21

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion: 82

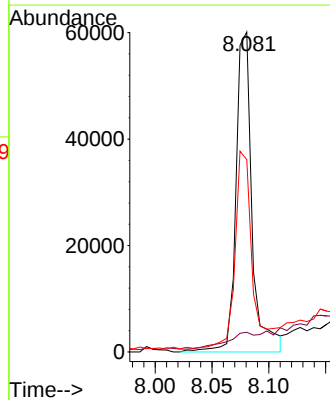
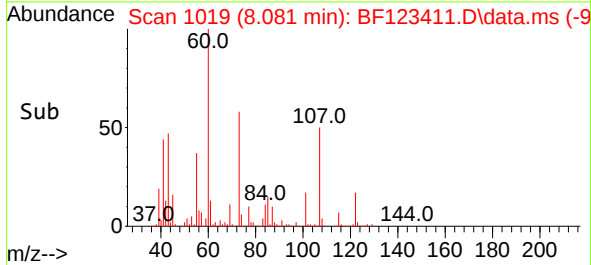
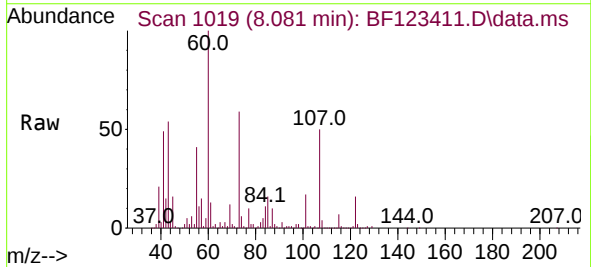
Sig	Exp Ratio
82	100
128	46.2
54	48.0

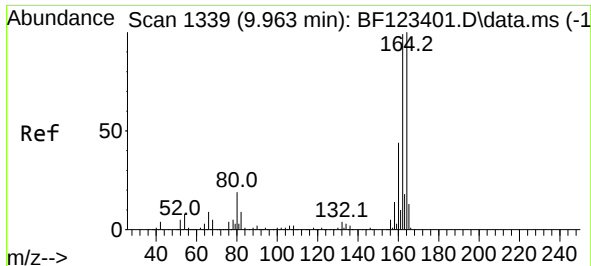


#32
 Benzoic acid
 Concen: 7.86 ng
 RT: 8.081 min Scan# 1019
 Delta R.T. 0.124 min
 Lab File: BF123411.D
 Acq: 23 Mar 2021 19:21

Tgt Ion: 122 Resp: 59028

Ion	Ratio	Lower	Upper
122	100		
105	6.1	104.8	144.8#
77	60.1	71.0	111.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF123411.D

Acq: 23 Mar 2021 19:21

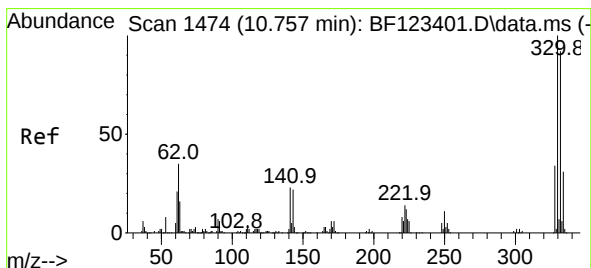
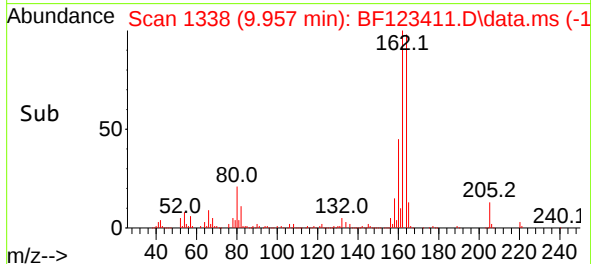
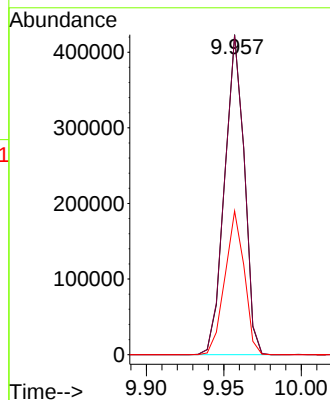
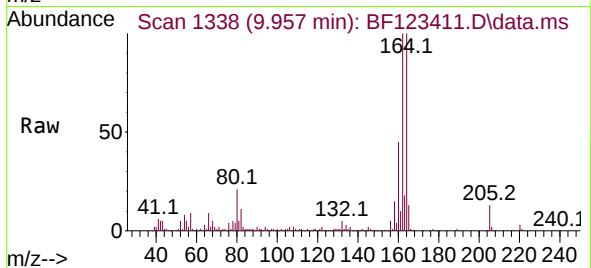
Tgt Ion:164 Resp: 373014

Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 83.80 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF123411.D

Acq: 23 Mar 2021 19:21

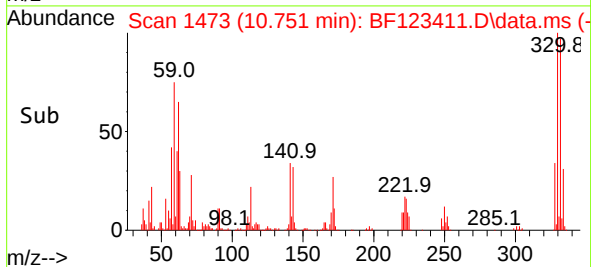
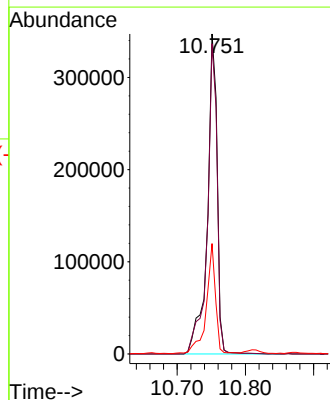
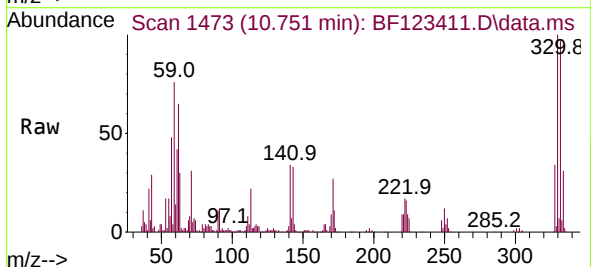
Tgt Ion:330 Resp: 349470

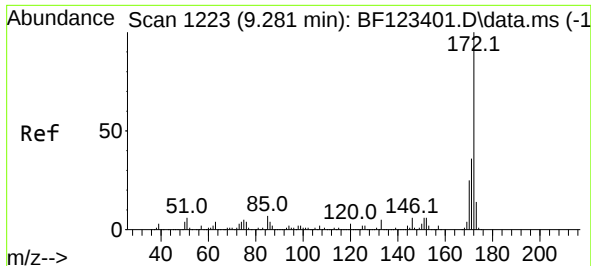
Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 32.2 23.8 35.8

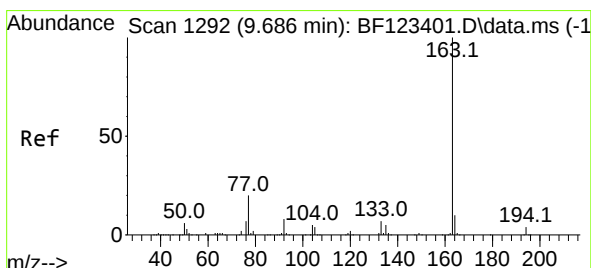
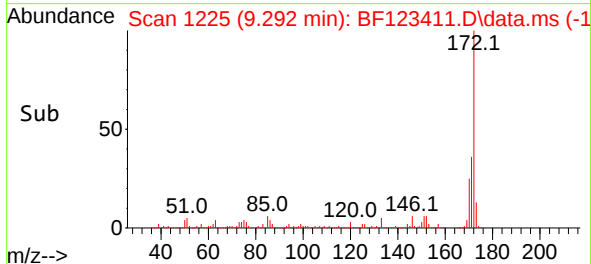
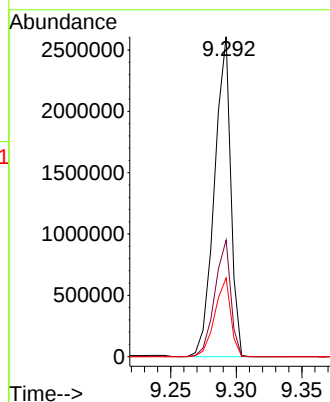
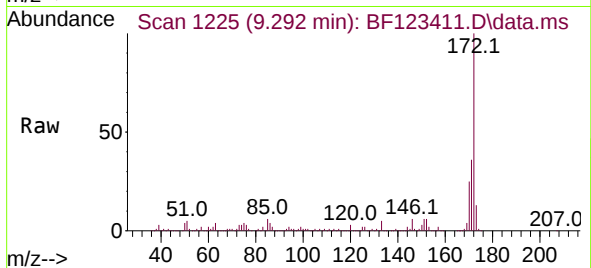




#45
2-Fluorobiphenyl
Concen: 86.39 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.011 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

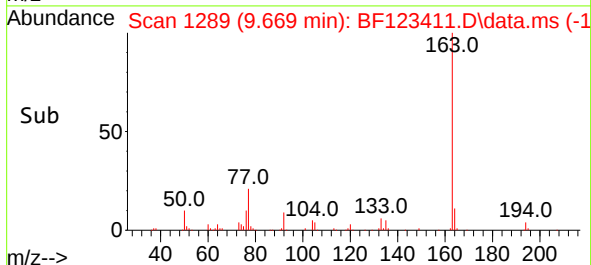
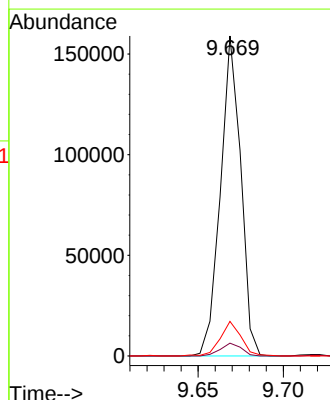
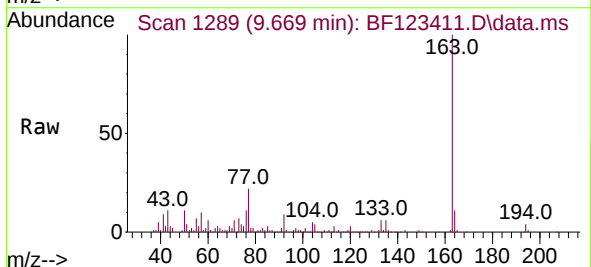
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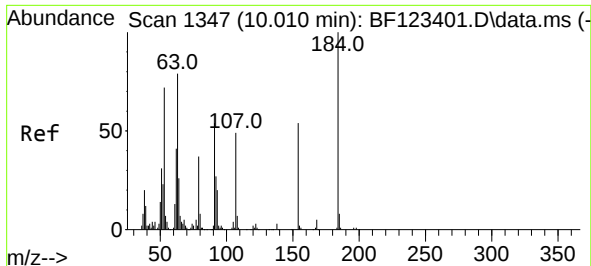
Tgt Ion:172 Resp: 2255631
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.6 19.5 29.3



#50
Dimethylphthalate
Concen: 4.97 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion:163 Resp: 131543
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.8 8.1 12.1

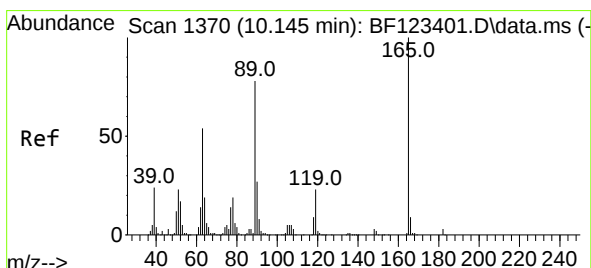
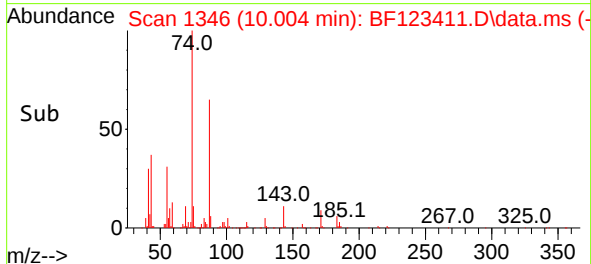
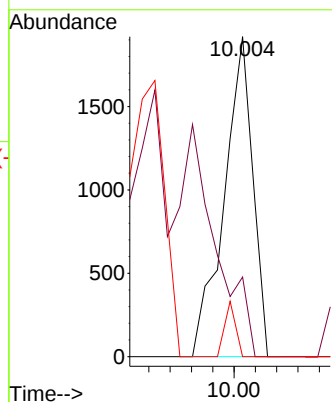
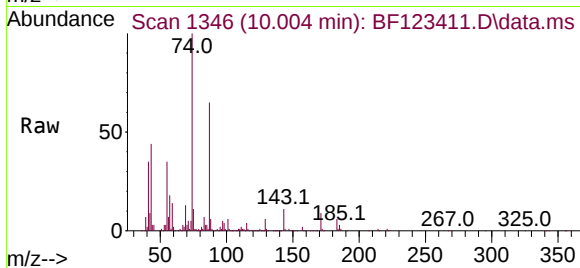




#54
2,4-Dinitrophenol
Concen: 9.25 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

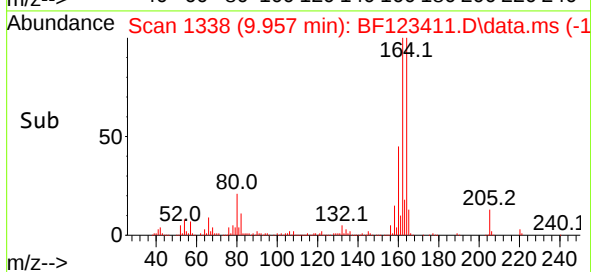
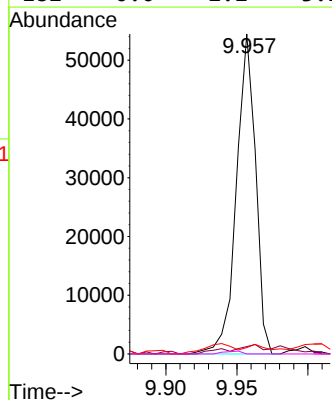
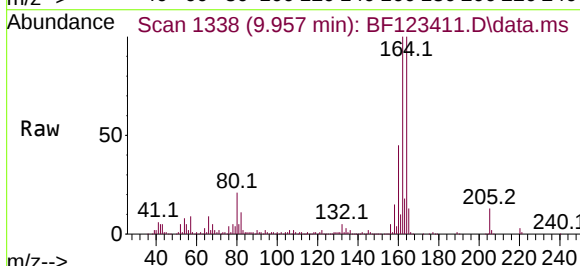
Instrument :
BNA_F
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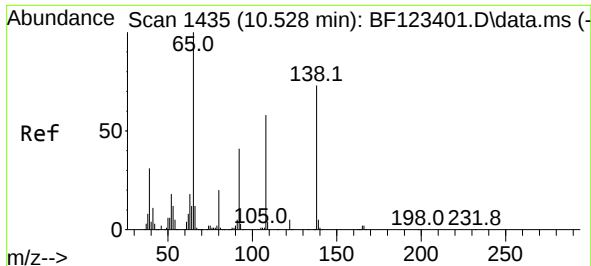
Tgt Ion:184 Resp: 1795
Ion Ratio Lower Upper
184 100
63 24.9 51.4 77.2#
154 0.0 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.40 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion:165 Resp: 51084
Ion Ratio Lower Upper
165 100
63 2.3 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#

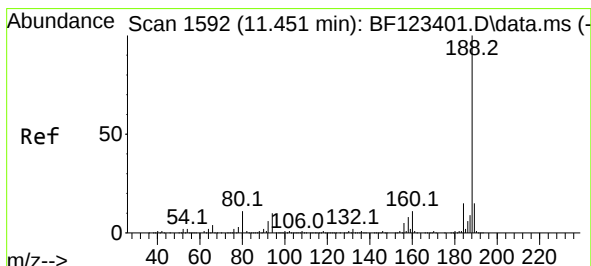
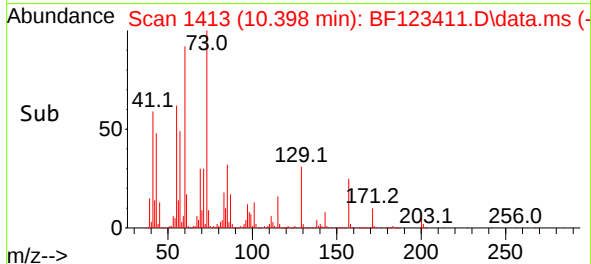
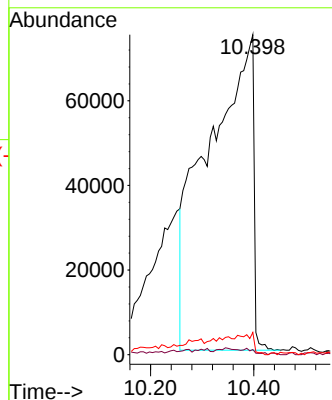
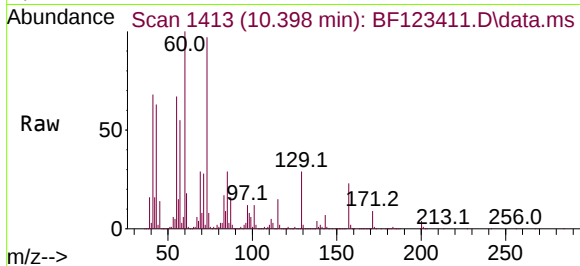




#62
4-Nitroaniline
Concen: 82.44 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.129 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

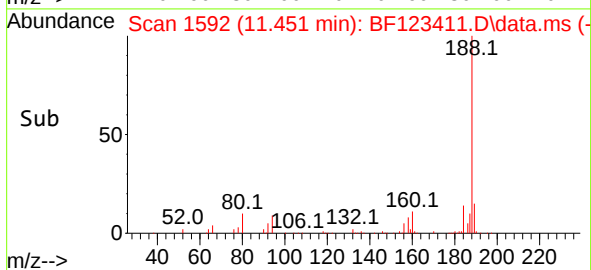
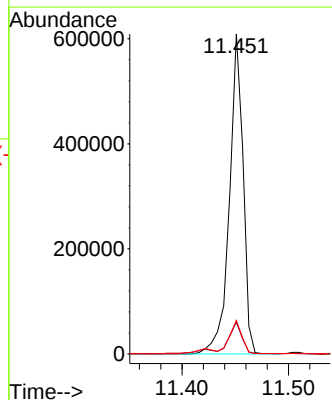
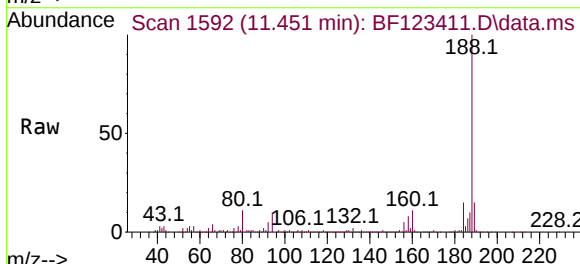
Instrument :
BNA_F
ClientSampleId :
EFF-WW

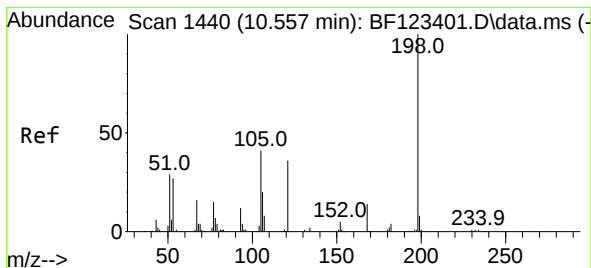
Tgt Ion:138 Resp: 456647
Ion Ratio Lower Upper
138 100
92 1.6 31.0 71.0#
108 6.9 54.8 94.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion:188 Resp: 544723
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.5 8.2 12.4

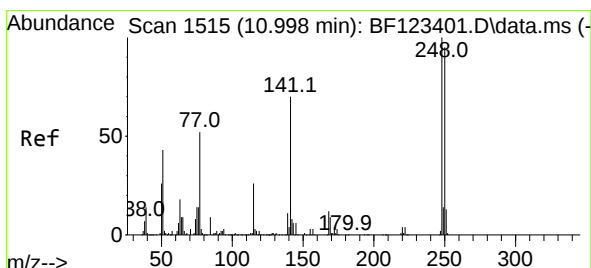
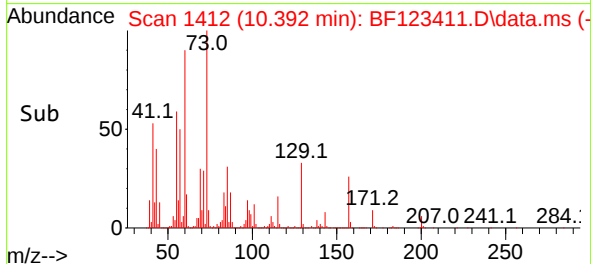
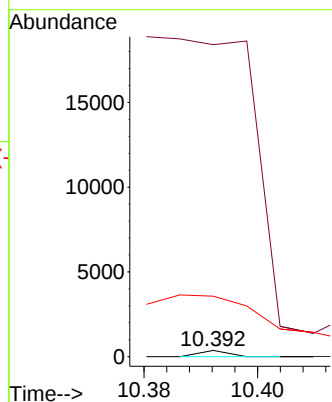
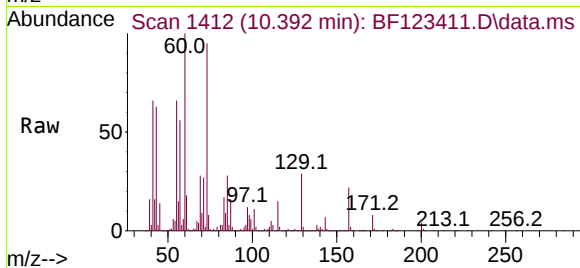




#65
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.165 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

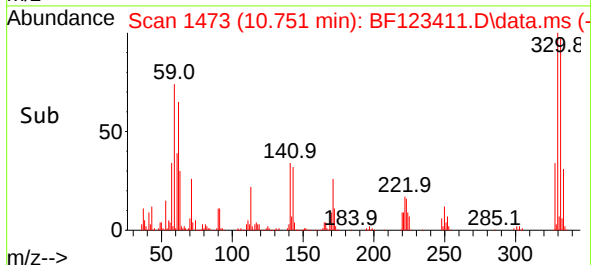
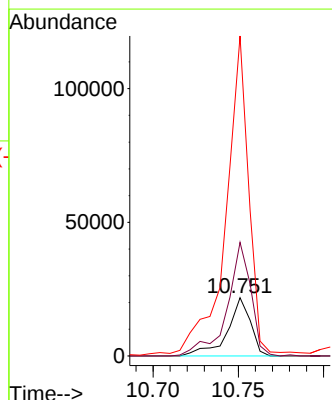
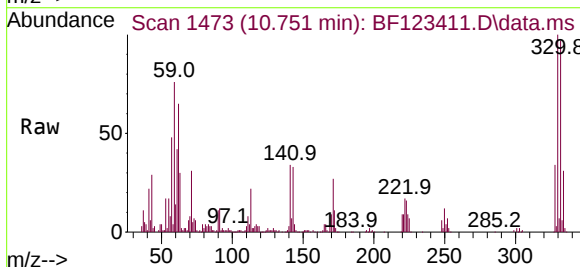
Instrument :
BNA_F
ClientSampled :
EFF-WW

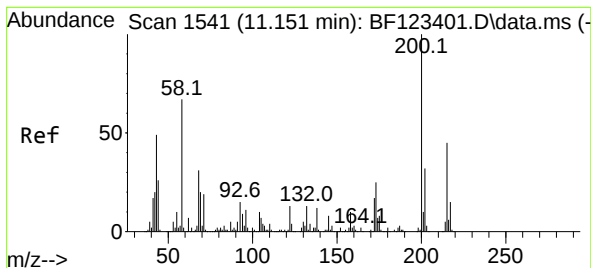
Tgt Ion:198 Resp: 129
Ion Ratio Lower Upper
198 100
51 5029.5 20.3 60.3#
105 975.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion:248 Resp: 20711
Ion Ratio Lower Upper
248 100
250 194.9 76.8 115.2#
141 548.9 59.8 89.8#





#69

Atrazine

Concen: 2.44 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.029 min

Lab File: BF123411.D

Acq: 23 Mar 2021 19:21

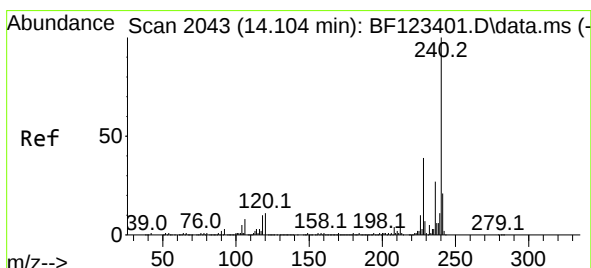
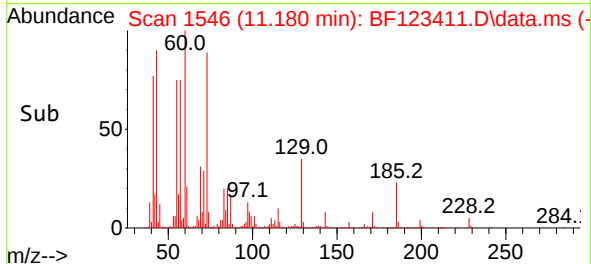
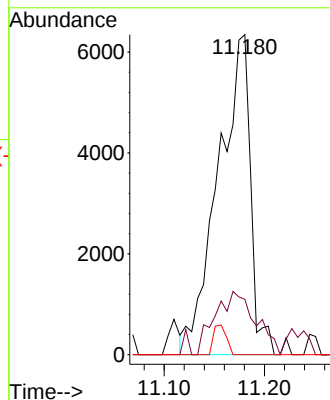
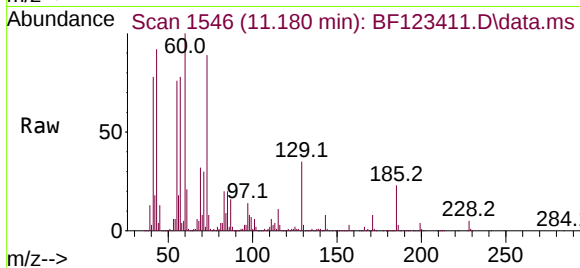
Tgt Ion:	200	Resp:	14177
Ion Ratio	Lower	Upper	
200	100		
173	17.3	6.6	46.6
215	0.0	28.1	68.1#

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#76

Chrysene-d12

Concen: 20.00 ng

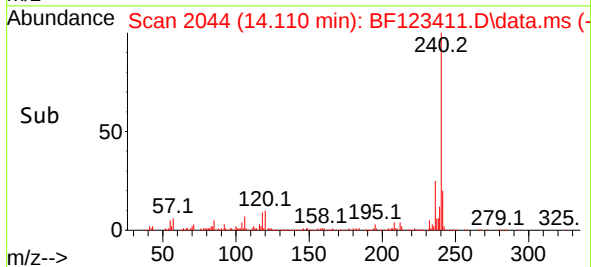
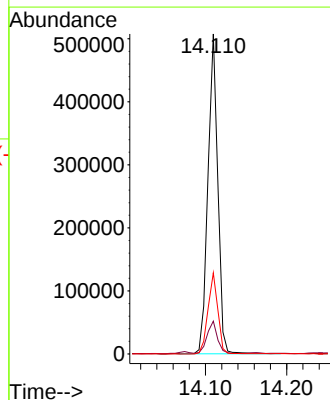
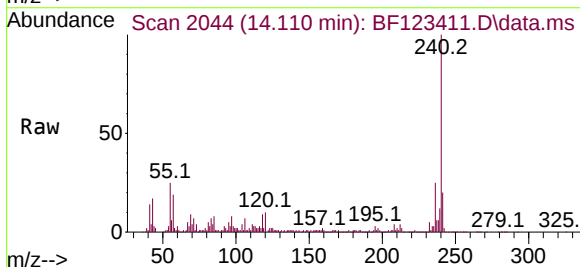
RT: 14.110 min Scan# 2044

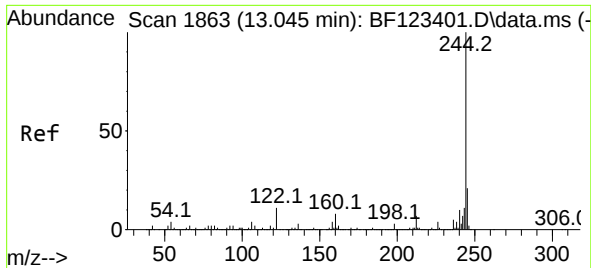
Delta R.T. 0.006 min

Lab File: BF123411.D

Acq: 23 Mar 2021 19:21

Tgt Ion:	240	Resp:	425583
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.6	12.8
236	25.3	20.3	30.5

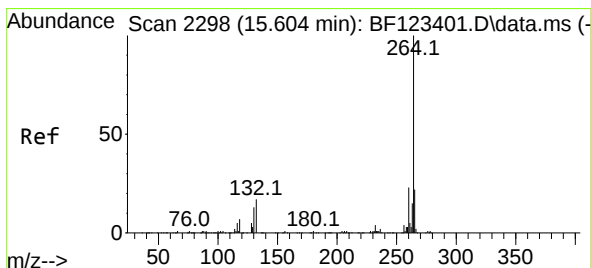
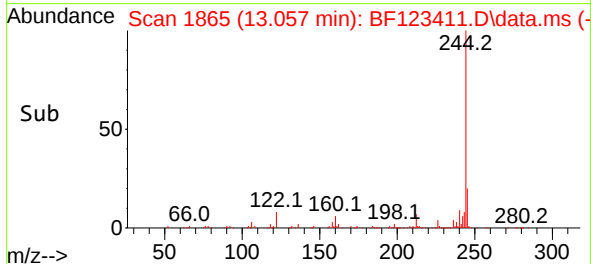
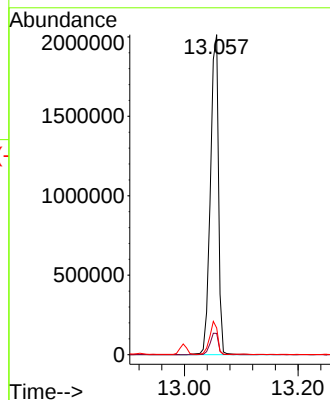
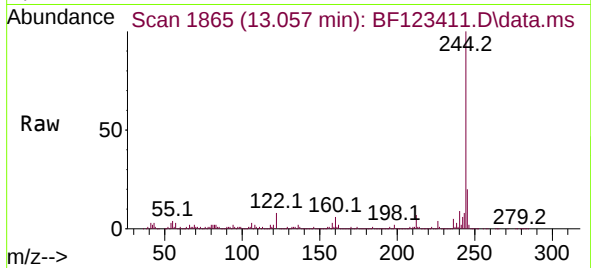




#79
Terphenyl-d14
Concen: 78.28 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.012 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:244 Resp: 1965849
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.047 min
Lab File: BF123411.D
Acq: 23 Mar 2021 19:21

Tgt Ion:264 Resp: 471555
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 22.0 17.0 25.6

