

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123390.D
 Acq On : 18 Mar 2021 18:51
 Operator : JU/CG
 Sample : M1694-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

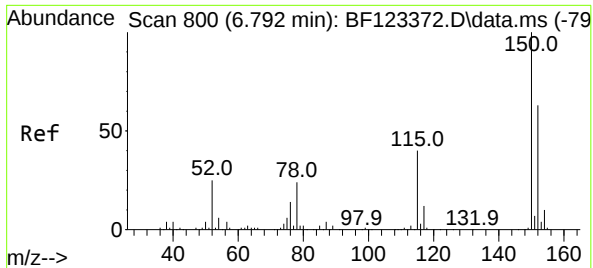
Instrument :
 BNA_F
 ClientSampleId :
 JG-W

Quant Time: Mar 19 00:19:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	206134	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	942556	20.00	ng	# 0.00
39) Acenaphthene-d10	9.828	164	411288	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	603473	20.00	ng	# 0.00
76) Chrysene-d12	13.968	240	255037	20.00	ng	# 0.00
86) Perylene-d12	15.421	264	321492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	413942	28.52	ng	0.00
7) Phenol-d6	6.440	99	96515	5.12	ng	0.00
23) Nitrobenzene-d5	7.357	82	1055773	65.79	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	98318	34.20	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1541550	75.50	ng	0.00
79) Terphenyl-d14	12.910	244	1075697	82.13	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.492	93	107374	4.83	ng	# 70
9) Benzaldehyde	6.340	77	301642	34.13	ng	96
15) Benzyl Alcohol	6.951	79	60113	4.98	ng	# 1
17) 2-Methylphenol	6.951	107	39290	3.17	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	138307	13.36	ng	# 84
20) 3+4-Methylphenols	7.228	107	5455	Below Cal		# 62
24) Nitrobenzene	7.398	77	74320	4.18	ng	# 25
25) Isophorone	7.628	82	575909	17.29	ng	# 47
28) bis(2-Chloroethoxy)met...	7.816	93	588900	30.47	ng	# 37
32) Benzoic acid	7.934	122	57609	5.61	ng	# 82
36) 4-Chloro-3-methylphenol	8.439	107	1525205	107.18	ng	# 19
50) Dimethylphthalate	9.545	163	112484	3.87	ng	99
51) 2,6-Dinitrotoluene	9.828	165	52960	7.65	ng	# 31
55) Dibenzofuran	10.033	168	23359	Below Cal		97
56) 4-Nitrophenol	9.951	139	52077	8.99	ng	# 53
57) 2,4-Dinitrotoluene	9.828	165	52960	6.00	ng	# 25
58) Fluorene	10.375	166	23832	Below Cal		100
61) 4-Chlorophenyl-phenyle...	10.386	204	145	Below Cal		# 27
71) Phenanthrene	11.339	178	114623	3.11	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	76856	5.78	ng	# 49

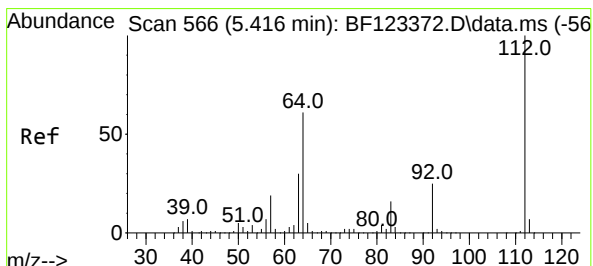
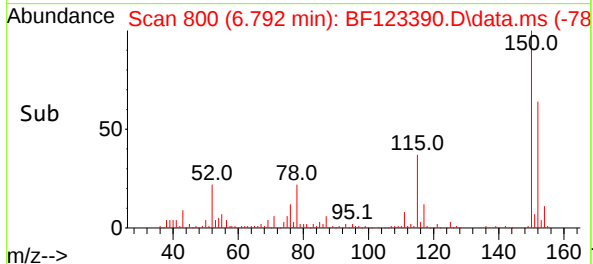
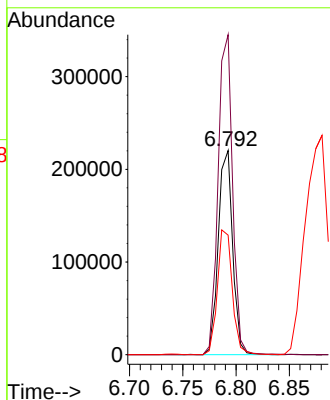
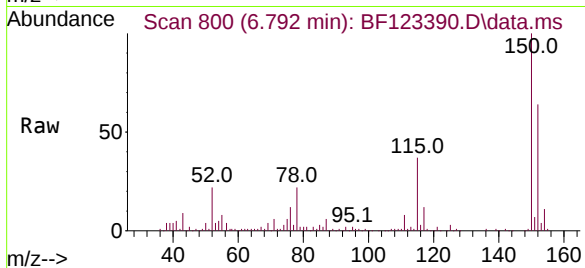
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

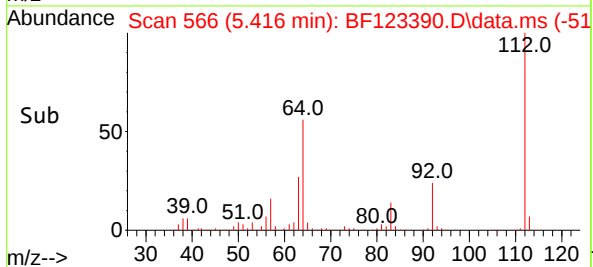
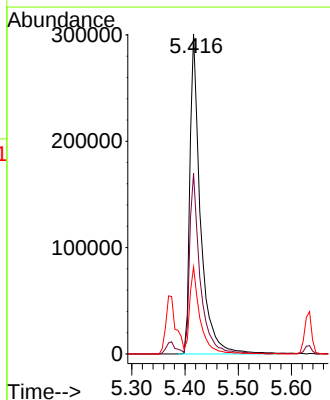
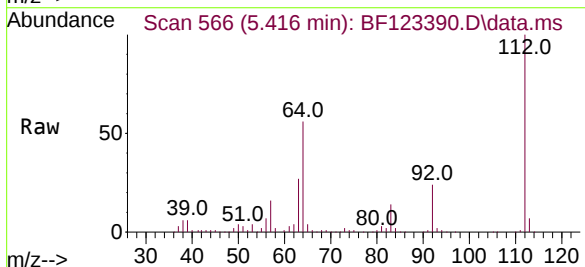
Instrument :
BNA_F
ClientSampleId :
JG-W

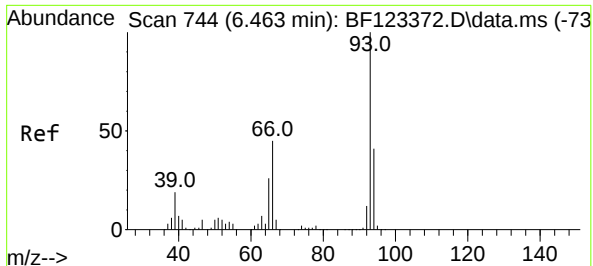
Tgt Ion:152 Resp: 206134
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 58.5 49.3 73.9



#5
2-Fluorophenol
Concen: 28.52 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:112 Resp: 413942
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 27.2 24.5 36.7

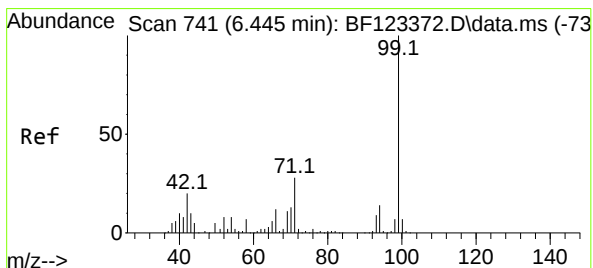
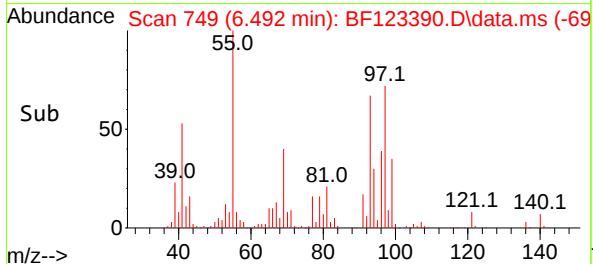
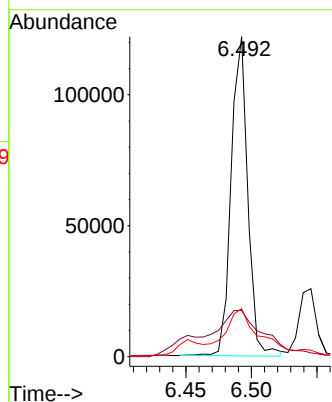
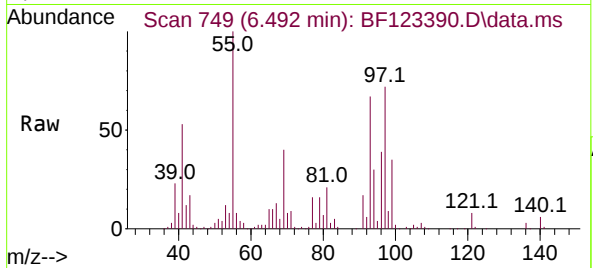




#6
Aniline
Concen: 4.83 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.029 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

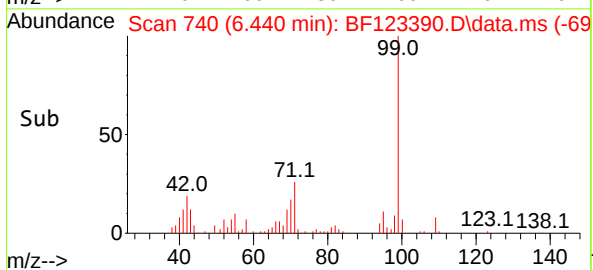
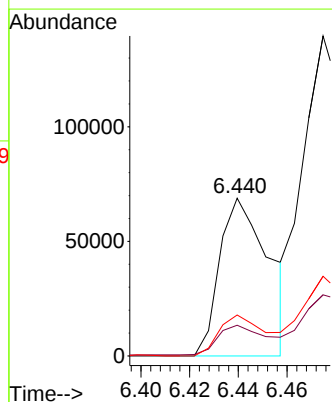
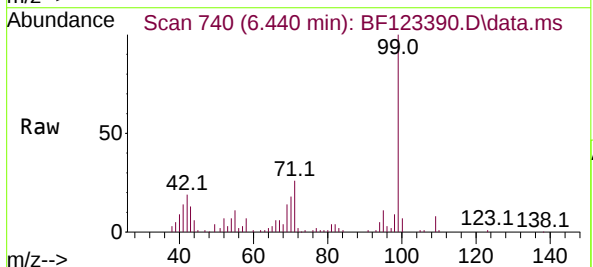
Instrument :
BNA_F
ClientSampled :
JG-W

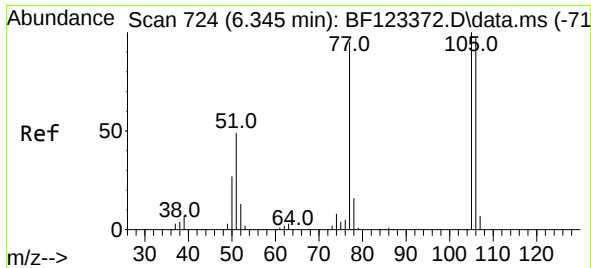
Tgt Ion: 93 Resp: 107374
Ion Ratio Lower Upper
93 100
66 14.4 31.3 46.9#
65 15.0 15.6 23.4#



#7
Phenol-d6
Concen: 5.12 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.005 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion: 99 Resp: 96515
Ion Ratio Lower Upper
99 100
42 19.4 13.8 20.6
71 26.0 26.9 40.3#

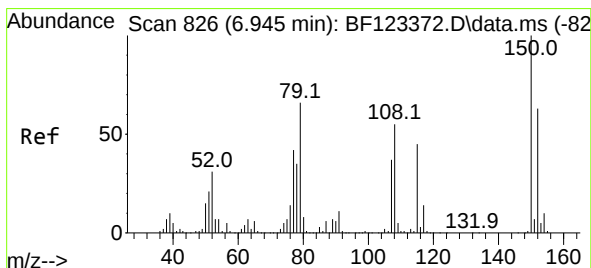
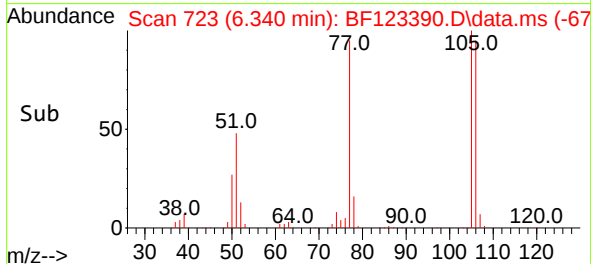
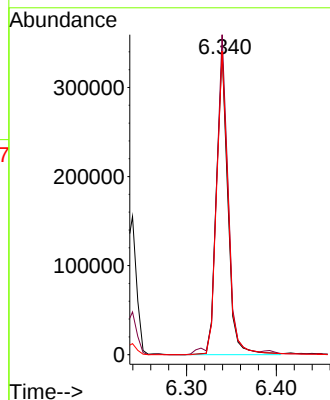
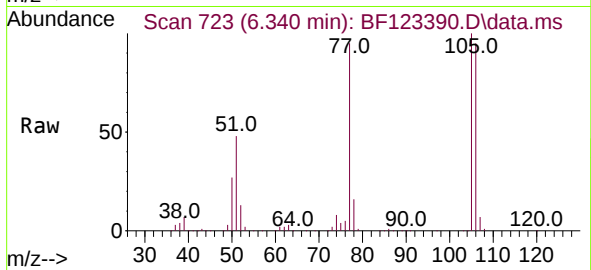




#9
Benzaldehyde
Concen: 34.13 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.005 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

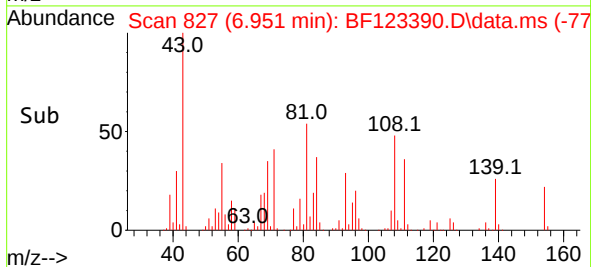
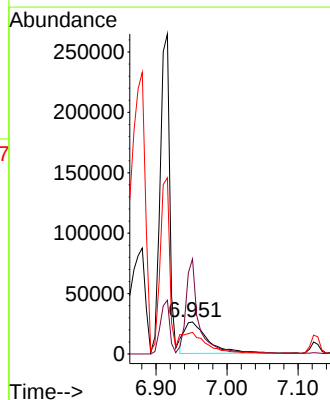
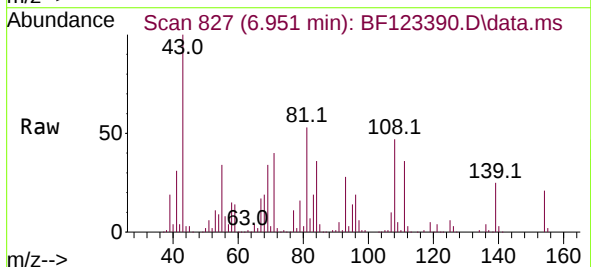
Instrument :
BNA_F
ClientSampleId :
JG-W

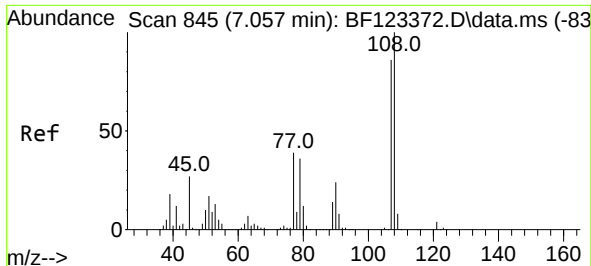
Tgt Ion: 77 Resp: 301642
Ion Ratio Lower Upper
77 100
105 105.5 80.6 120.6
106 100.0 77.2 117.2



#15
Benzyl Alcohol
Concen: 4.98 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion: 79 Resp: 60113
Ion Ratio Lower Upper
79 100
108 297.2 62.4 93.6#
77 67.5 49.0 73.6

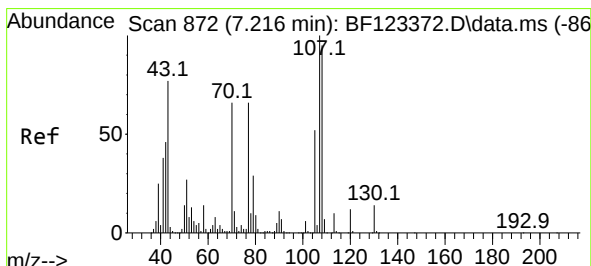
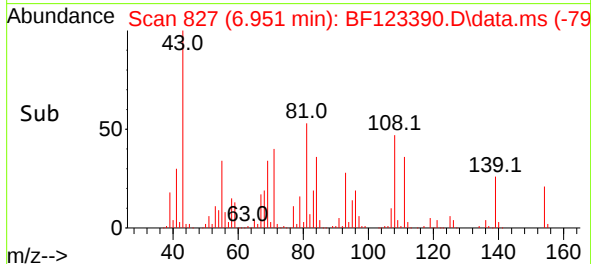
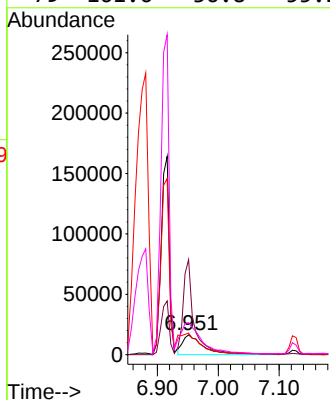
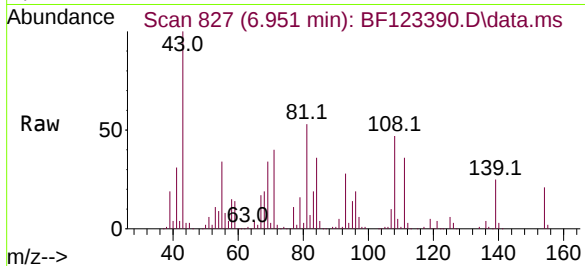




#17
2-Methylphenol
Concen: 3.17 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.106 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

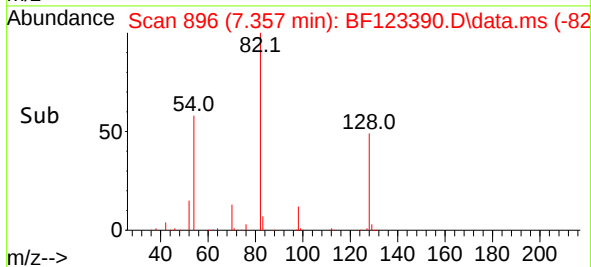
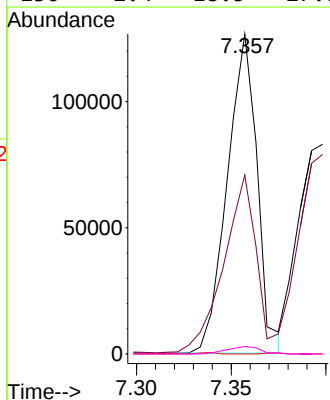
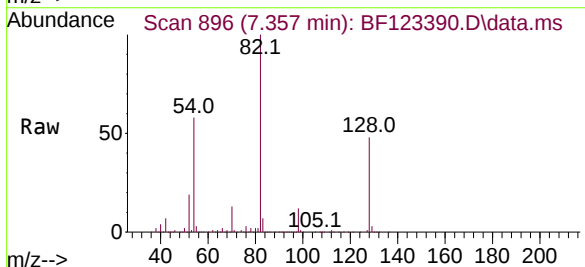
Instrument :
BNA_F
ClientSampleId :
JG-W

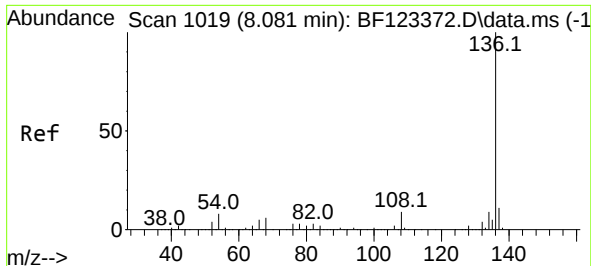
Tgt Ion:	107	Resp:	39290
Ion	Ratio	Lower	Upper
107	100		
108	480.4	91.1	136.7#
77	109.1	36.3	54.5#
79	161.6	36.8	55.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.36 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:	70	Resp:	138307
Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#



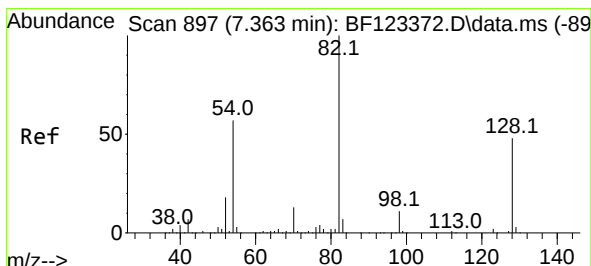
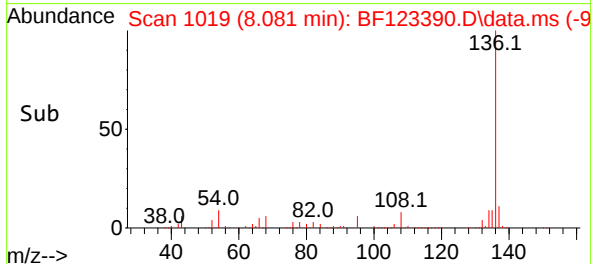
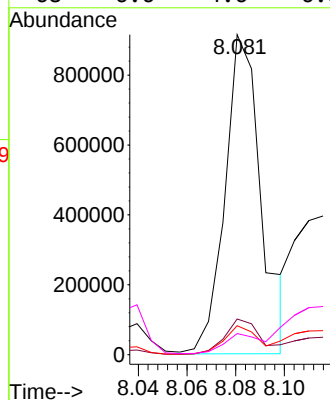
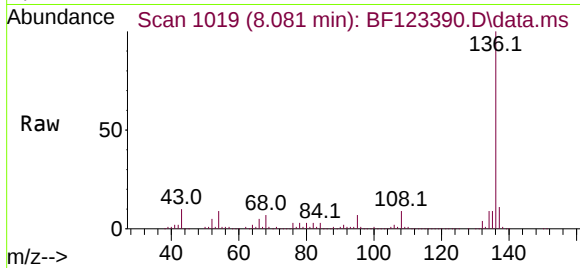


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Instrument :
BNA_F
ClientSampled :
JG-W

Tgt Ion:136 Resp: 942556

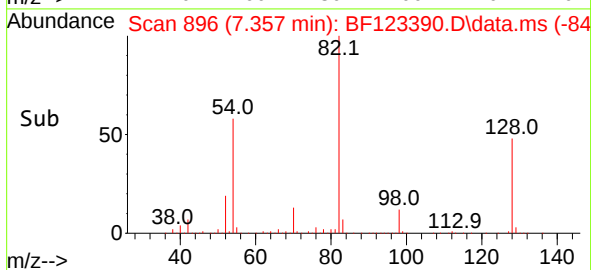
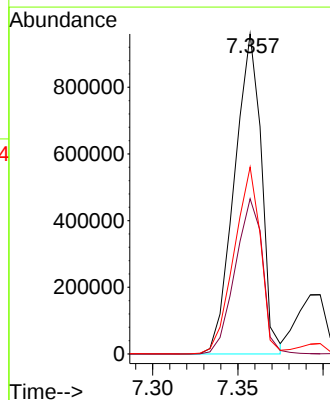
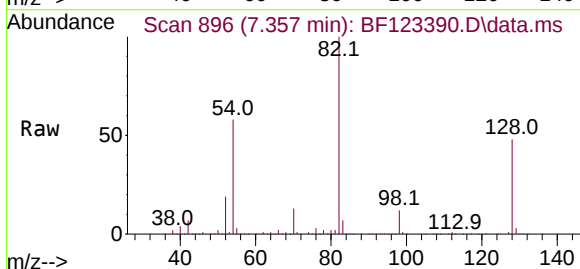
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	5.5	8.3#
68	6.6	4.6	6.8

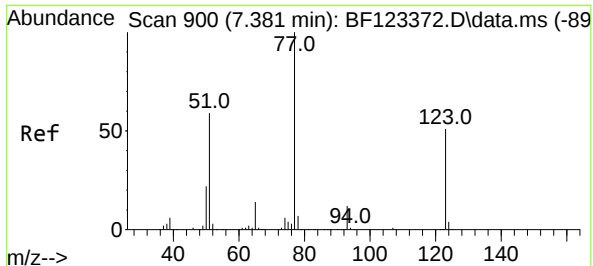


#23
Nitrobenzene-d5
Concen: 65.79 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion: 82 Resp: 1055773

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.0	55.4
54	58.4	38.4	57.6#

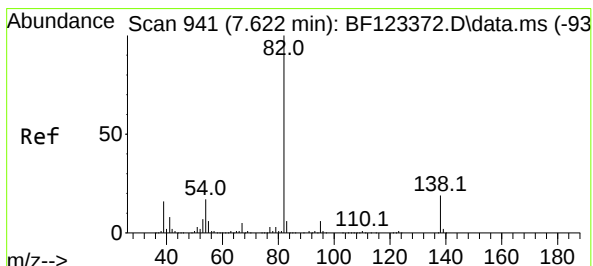
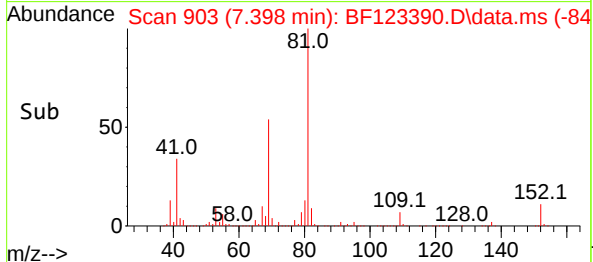
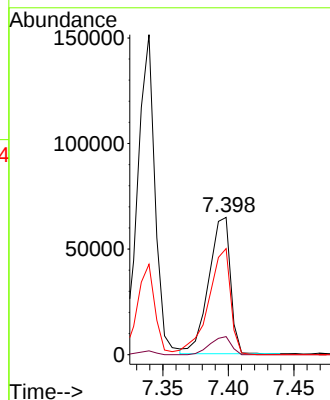
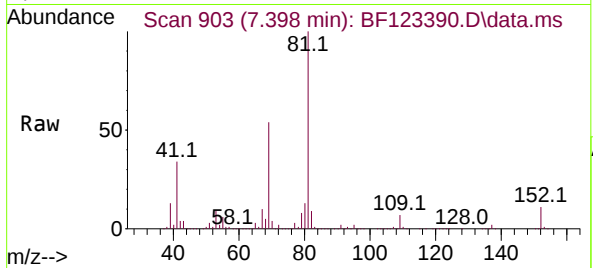




#24
Nitrobenzene
Concen: 4.18 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.017 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

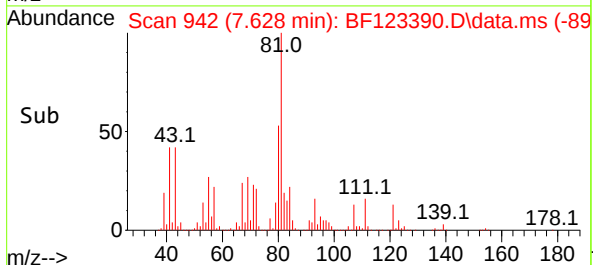
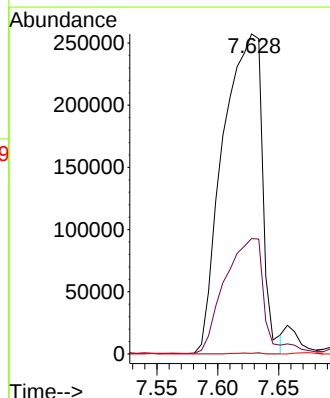
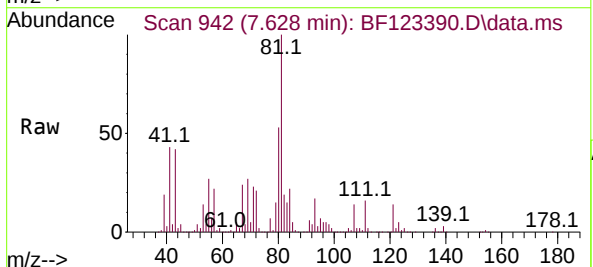
Instrument :
BNA_F
ClientSampleId :
JG-W

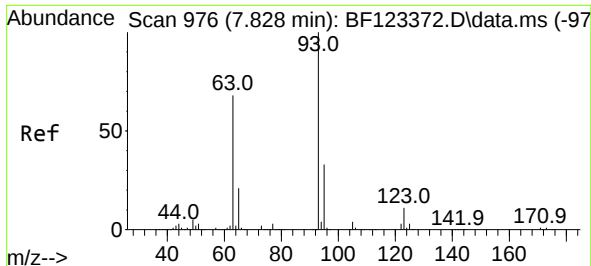
Tgt Ion: 77 Resp: 74320
Ion Ratio Lower Upper
77 100
123 13.2 39.3 58.9#
65 77.2 10.6 15.8#



#25
Isophorone
Concen: 17.29 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion: 82 Resp: 575909
Ion Ratio Lower Upper
82 100
95 36.1 5.8 8.6#
138 0.2 14.6 21.8#





#28

bis(2-Chloroethoxy)methane

Concen: 30.47 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.012 min

Lab File: BF123390.D

Acq: 18 Mar 2021 18:51

Tgt Ion: 93 Resp: 588900

Ion Ratio Lower Upper

93 100

95 76.1 26.2 39.2#

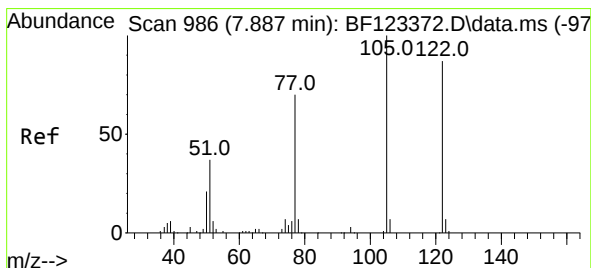
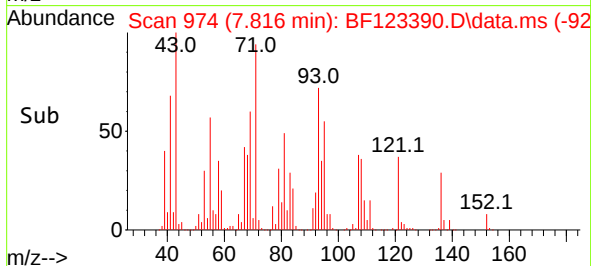
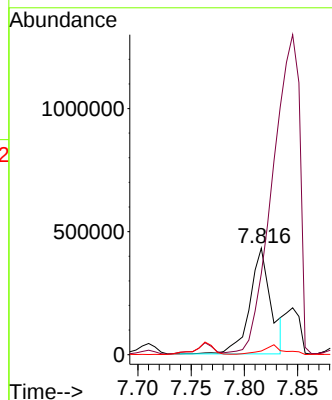
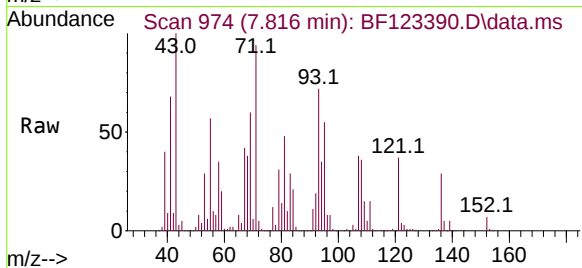
123 3.5 9.2 13.8#

Instrument :

BNA_F

ClientSampled :

JG-W



#32

Benzoic acid

Concen: 5.61 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.047 min

Lab File: BF123390.D

Acq: 18 Mar 2021 18:51

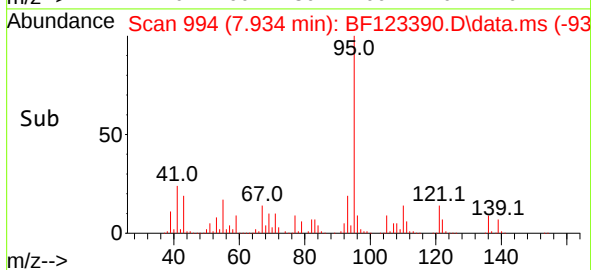
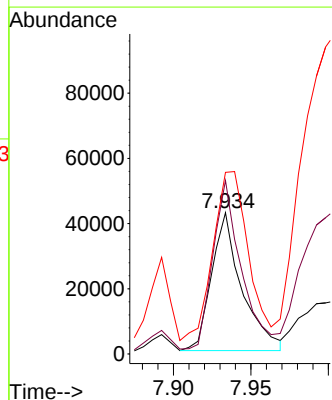
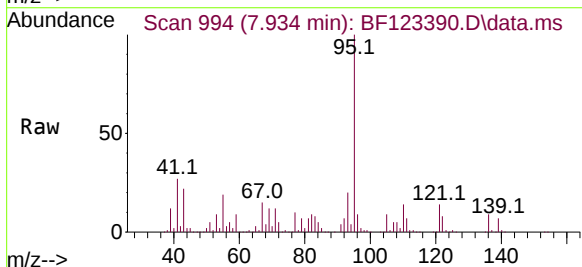
Tgt Ion:122 Resp: 57609

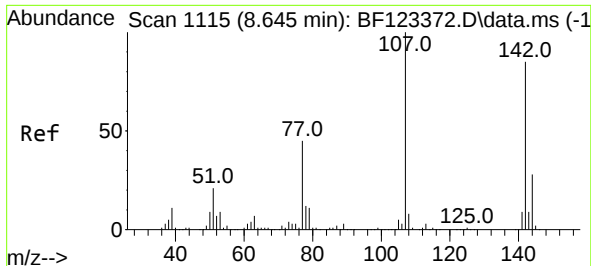
Ion Ratio Lower Upper

122 100

105 122.7 104.8 144.8

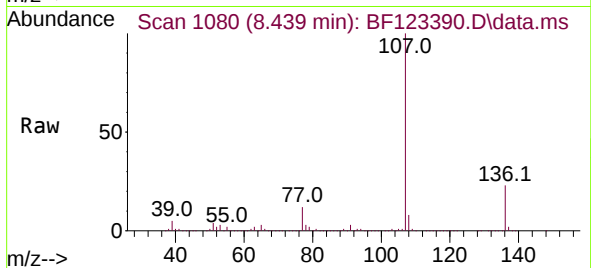
77 128.6 71.0 111.0#



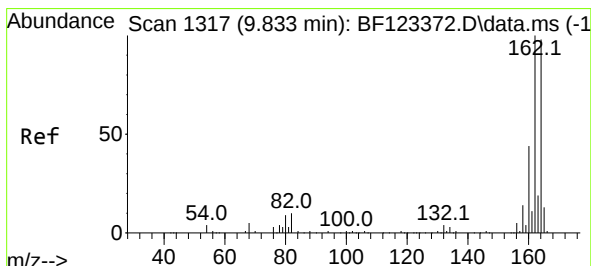
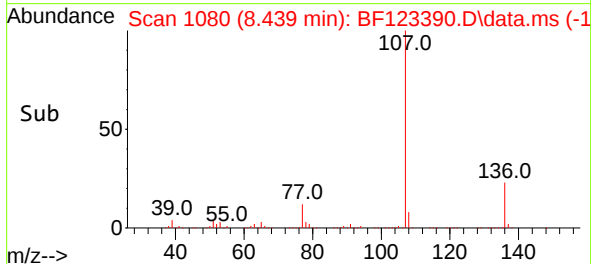
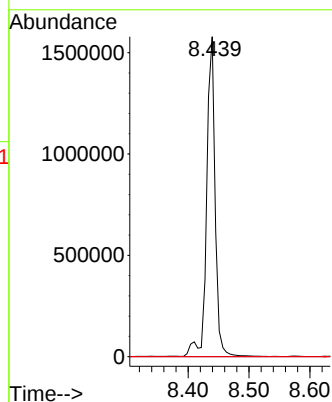


#36
4-Chloro-3-methylphenol
Concen: 107.18 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.206 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Instrument :
BNA_F
ClientSampled :
JG-W

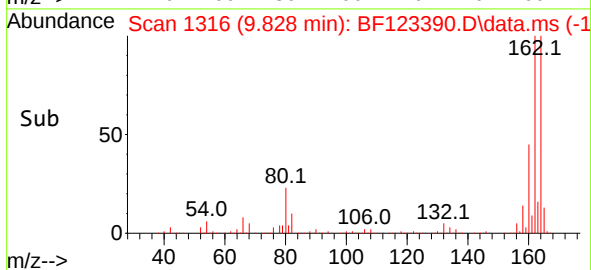
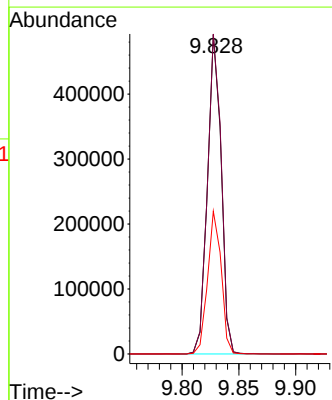
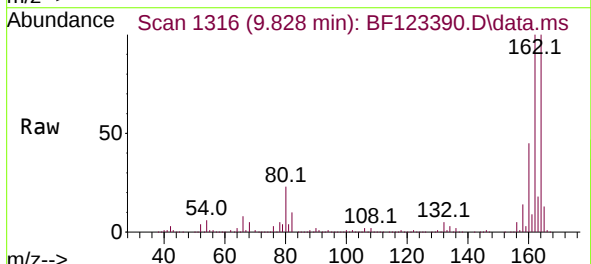


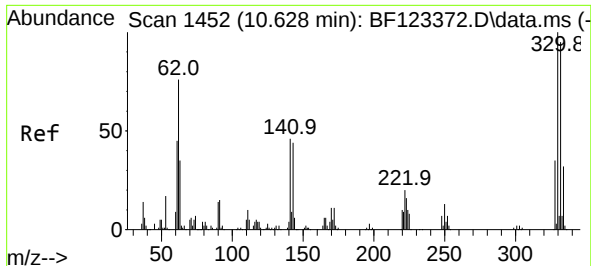
Tgt Ion:107 Resp: 1525205
Ion Ratio Lower Upper
107 100
144 0.0 20.2 30.2#
142 0.0 64.4 96.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

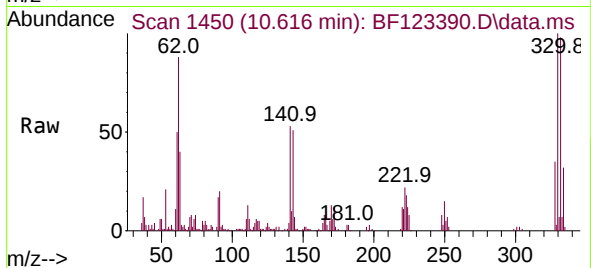
Tgt Ion:164 Resp: 411288
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.7 35.4 53.0



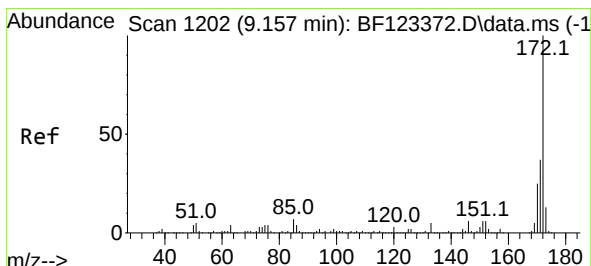
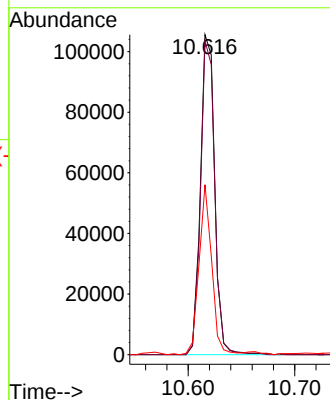
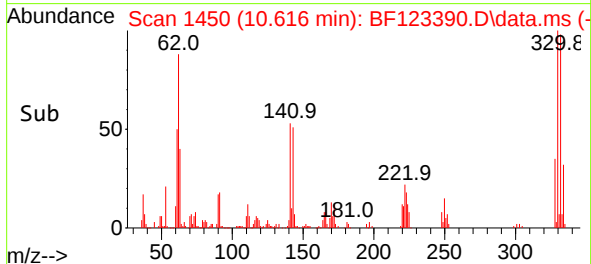


#42
2,4,6-Tribromophenol
Concen: 34.20 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

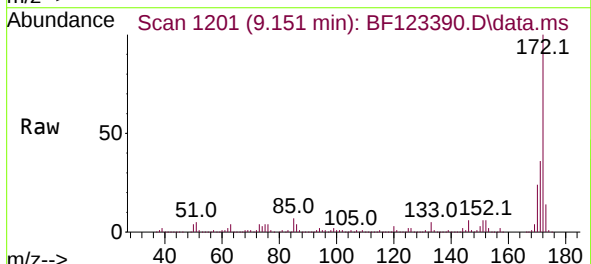
Instrument :
BNA_F
ClientSampled :
JG-W



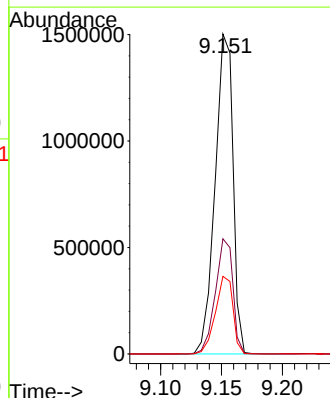
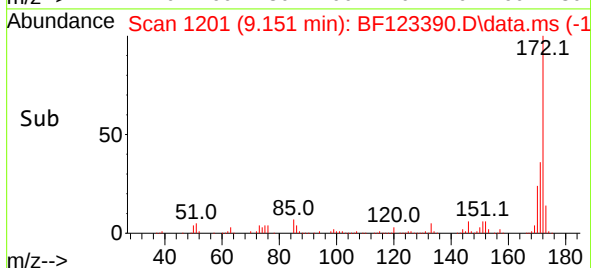
Tgt Ion: 330 Resp: 98318
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 47.3 23.8 35.8#

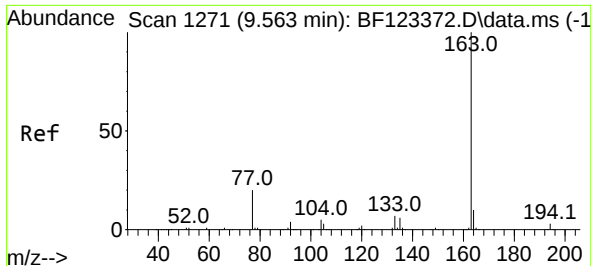


#45
2-Fluorobiphenyl
Concen: 75.50 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51



Tgt Ion: 172 Resp: 1541550
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.5 29.3

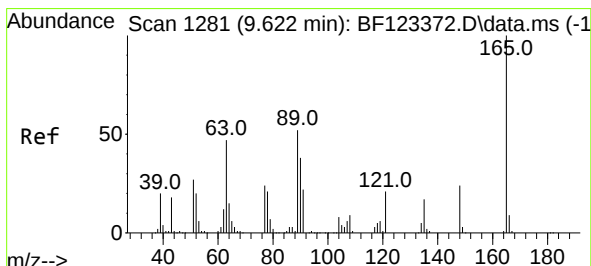
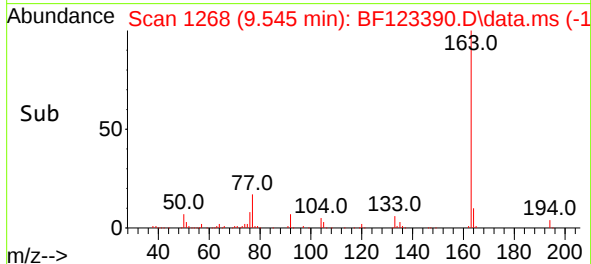
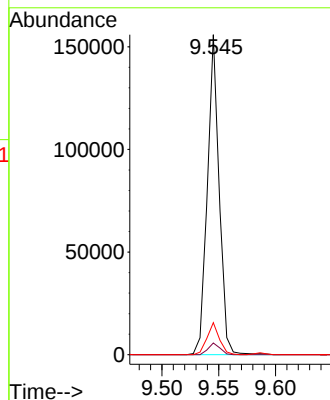
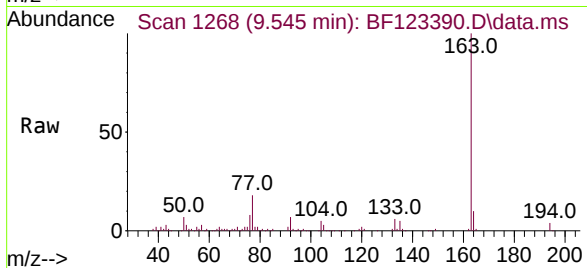




#50
Dimethylphthalate
Concen: 3.87 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

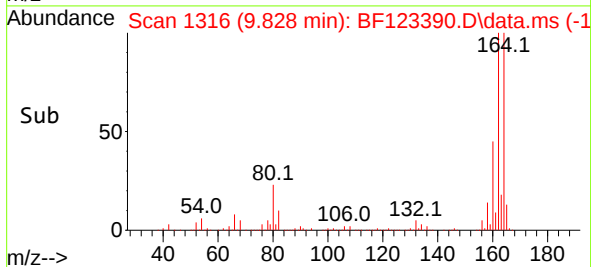
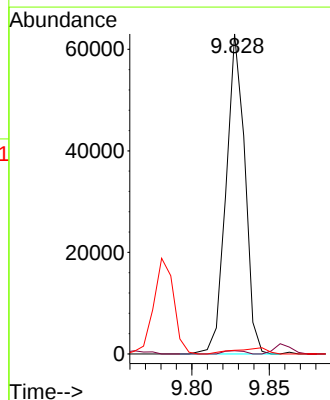
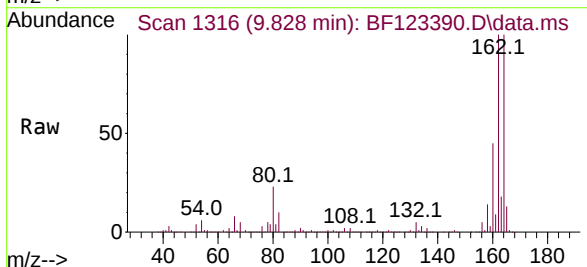
Instrument :
BNA_F
ClientSampleId :
JG-W

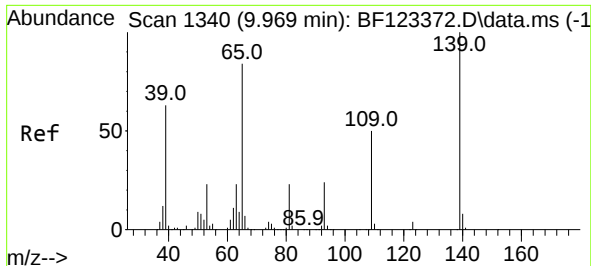
Tgt Ion:163 Resp: 112484
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:165 Resp: 52960
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#

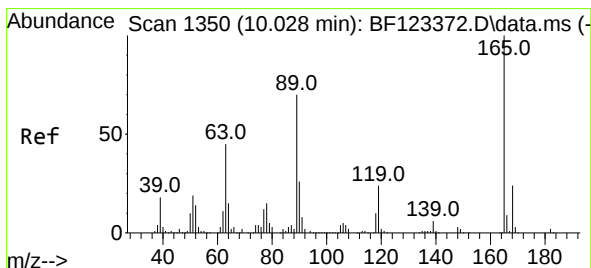
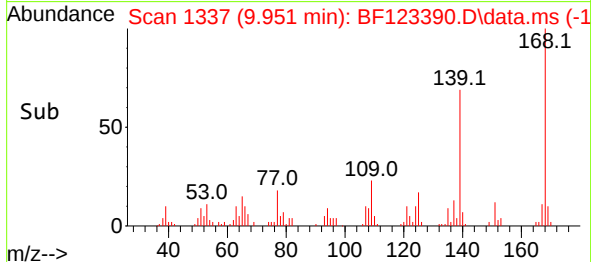
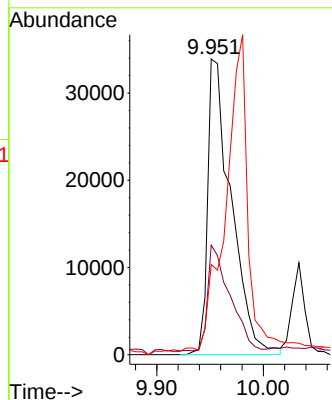
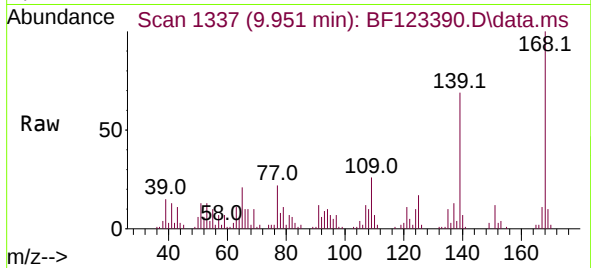




#56
4-Nitrophenol
Concen: 8.99 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.018 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

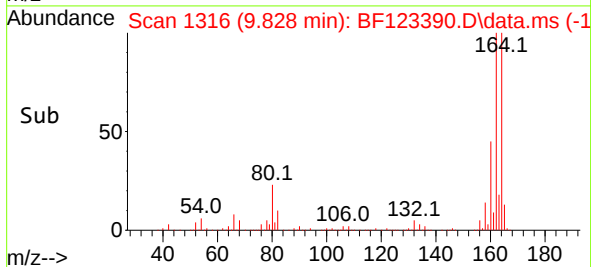
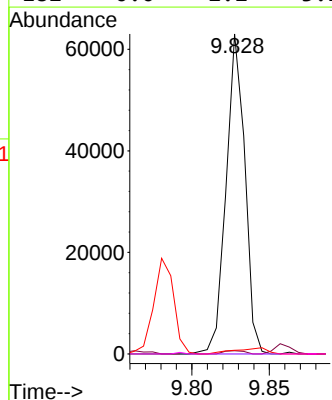
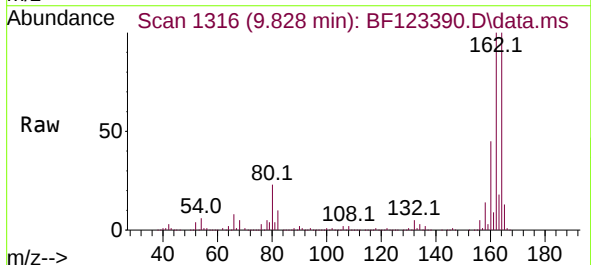
Instrument :
BNA_F
ClientSampleId :
JG-W

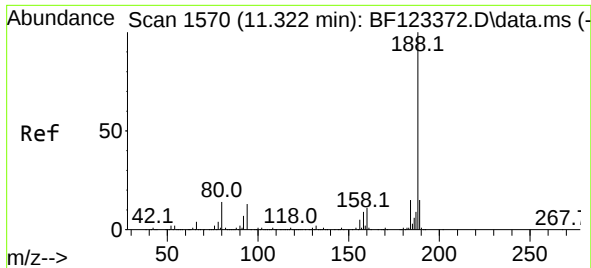
Tgt Ion:139 Resp: 52077
Ion Ratio Lower Upper
139 100
109 37.0 45.1 85.1#
65 30.5 59.2 99.2#



#57
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:165 Resp: 52960
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#

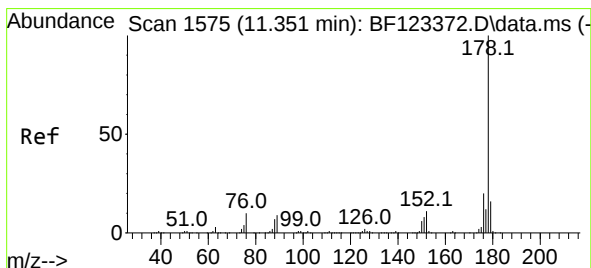
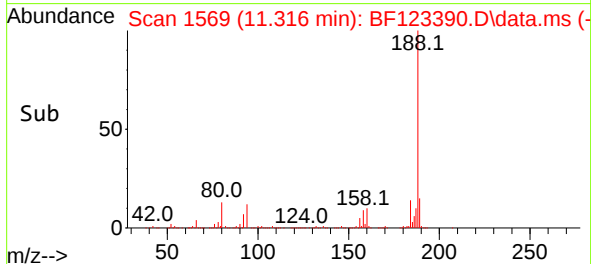
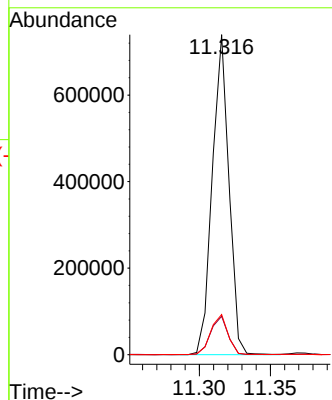
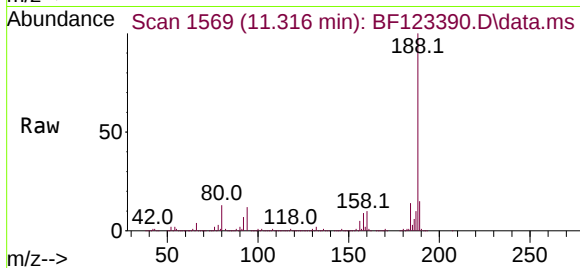




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

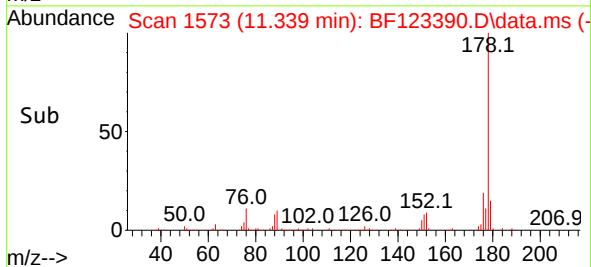
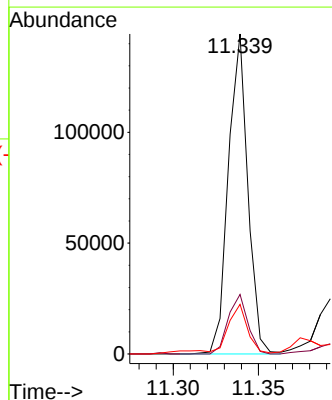
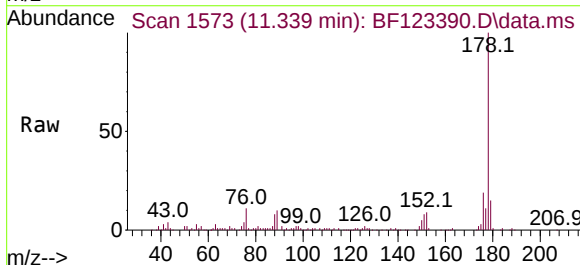
Instrument :
BNA_F
ClientSampled :
JG-W

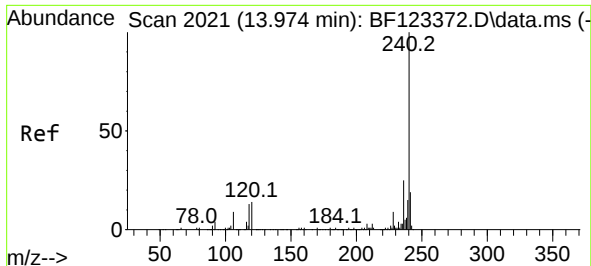
Tgt Ion:188 Resp: 603473
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 12.6 8.2 12.4#



#71
Phenanthrene
Concen: 3.11 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:178 Resp: 114623
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.2
179 15.5 12.7 19.1

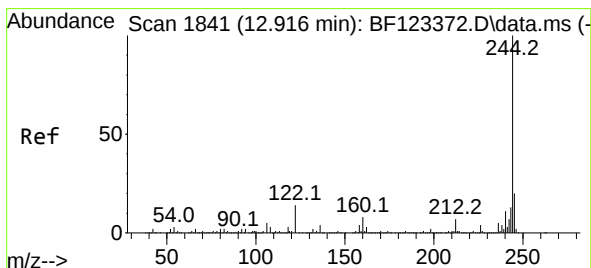
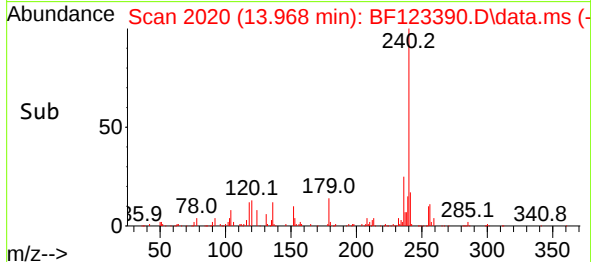
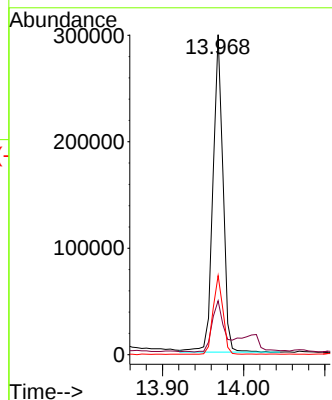
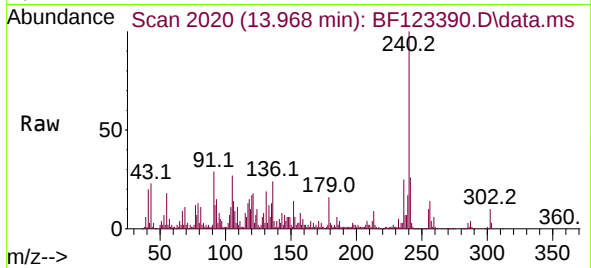




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

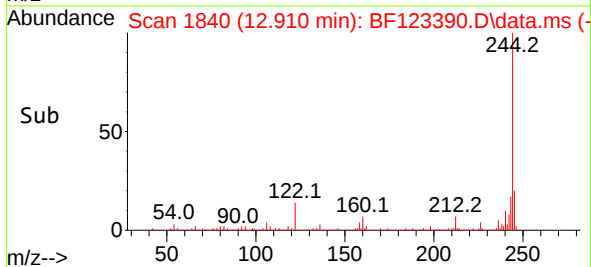
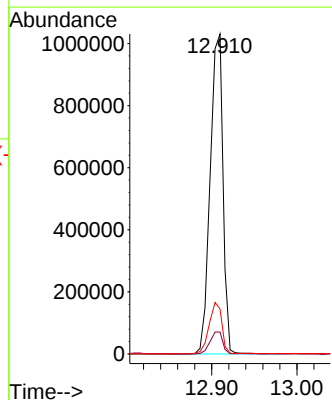
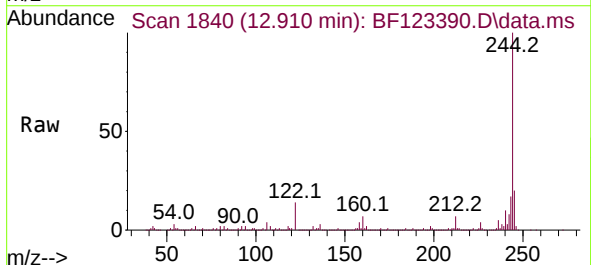
Instrument :
BNA_F
ClientSampled :
JG-W

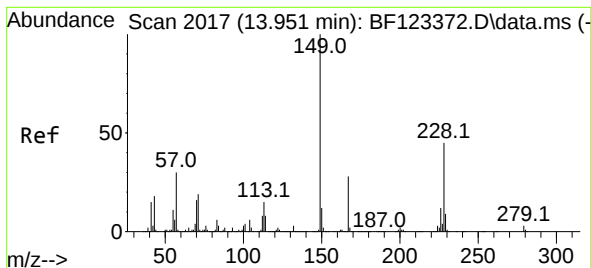
Tgt Ion:240 Resp: 255037
Ion Ratio Lower Upper
240 100
120 16.8 8.6 12.8#
236 24.7 20.3 30.5



#79
Terphenyl-d14
Concen: 82.13 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:244 Resp: 1075697
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 14.1 8.3 12.5#

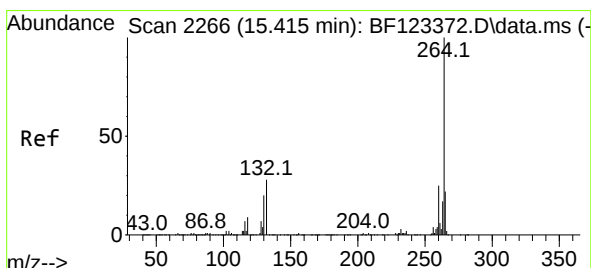
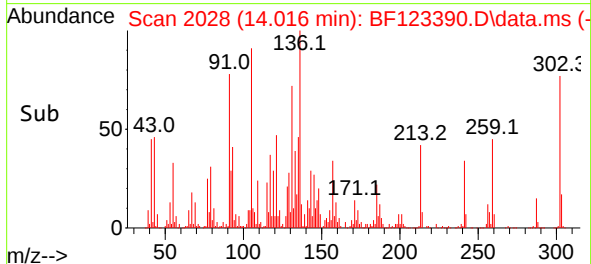
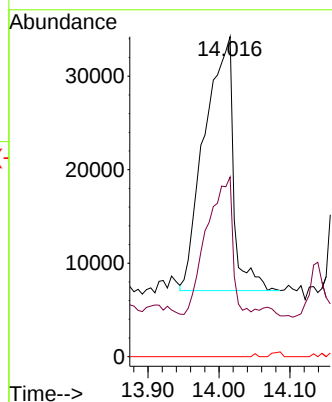
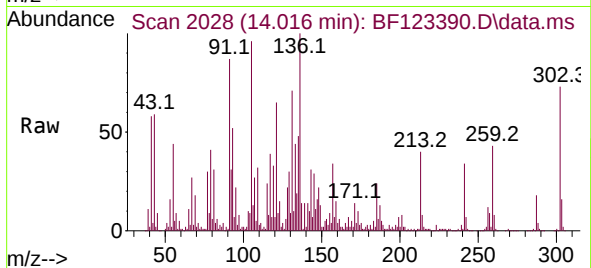




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.78 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.065 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Instrument :
BNA_F
ClientSampleId :
JG-W

Tgt Ion:149 Resp: 76856
Ion Ratio Lower Upper
149 100
167 56.1 21.4 32.2#
279 0.0 3.4 5.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF123390.D
Acq: 18 Mar 2021 18:51

Tgt Ion:264 Resp: 321492
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.0 17.0 25.6

