

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098704.D
 Acq On : 22 Sep 2017 18:56
 Operator : SJ/JU
 Sample : PB102532BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:21:12 PM

Quant Time: Sep 23 01:51:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	151073	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	641842	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	293018	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	526201	20.00	ng	0.00
75) Chrysene-d12	14.09	240	419491	20.00	ng	0.00
86) Perylene-d12	15.59	264	358004	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1216617	122.29	ng	0.02
7) Phenol-d6	6.56	99	1469072	121.94	ng	0.01
23) Nitrobenzene-d5	7.49	82	893504	94.43	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	366927	136.93	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1595444	86.64	ng	0.00
78) Terphenyl-d14	13.04	244	1502149	76.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	159163	33.870	ng	98
3) Pyridine	3.59	79	475808	38.099	ng	99
4) n-Nitrosodimethylamine	3.54	42	214676	39.229	ng	97
6) Aniline	6.60	93	413652	25.919	ng	99
8) 2-Chlorophenol	6.72	128	419222	38.792	ng	98
9) Benzaldehyde	6.48	77	122372	18.109	ng	97
10) Phenol	6.57	94	509014	38.281	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	409362	39.962	ng	99
12) 1,3-Dichlorobenzene	6.87	146	440955	38.629	ng	98
13) 1,4-Dichlorobenzene	6.95	146	450846	39.023	ng	100
14) 1,2-Dichlorobenzene	7.10	146	420546	39.031	ng	99
15) Benzyl Alcohol	7.07	79	367608	42.287	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	642701	39.371	ng	100
17) 2-Methylphenol	7.17	107	364578	41.401	ng	97
18) Hexachloroethane	7.44	117	160640	40.389	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	286291	38.360	ng	98
20) 3+4-Methylphenols	7.33	107	446852	39.357	ng	# 85
22) Acetophenone	7.34	105	580054	36.533	ng	# 96
24) Nitrobenzene	7.51	77	440437	40.301	ng	100
25) Isophorone	7.75	82	794880	38.518	ng	99
26) 2-Nitrophenol	7.82	139	223684	46.414	ng	99
27) 2,4-Dimethylphenol	7.86	122	395862	39.060	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	511563	39.837	ng	100
29) 2,4-Dichlorophenol	8.06	162	350253	40.176	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	348306	39.611	ng	100
31) Naphthalene	8.23	128	1194919	39.225	ng	100
32) Benzoic acid	7.98	122	279008	42.417	ng	97
33) 4-Chloroaniline	8.27	127	224516	17.727	ng	99
34) Hexachlorobutadiene	8.35	225	184924	39.036	ng	97
35) Caprolactam	8.65	113	116572m	42.881	ng	
36) 4-Chloro-3-methylphenol	8.76	107	382698	38.457	ng	94
37) 2-Methylnaphthalene	8.92	142	824432	42.148	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	304726	35.163	ng	99
40) Hexachlorocyclopentadiene	9.07	237	383968	101.959	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	241154	41.292	nq	98
43) 2,4,5-Trichlorophenol	9.24	196	246750	41.204	nq	95
45) 1,1'-Biphenyl	9.39	154	930599	36.967	nq	99
46) 2-Chloronaphthalene	9.42	162	739929	39.197	nq	97
47) 2-Nitroaniline	9.50	65	238012	44.906	nq	95
48) Acenaphthylene	9.83	152	1131526	38.972	nq	99
49) Dimethylphthalate	9.69	163	864529	39.343	nq	99
50) 2,6-Dinitrotoluene	9.75	165	192167	44.318	nq	98
51) Acenaphthene	10.00	154	763261	42.352	nq	97
52) 3-Nitroaniline	9.92	138	163175	31.568	nq	97
53) 2,4-Dinitrophenol	10.02	184	146163	77.644	nq	98
54) Dibenzofuran	10.17	168	1023100	41.575	nq	99
55) 4-Nitrophenol	10.07	139	374189	83.190	nq	94
56) 2,4-Dinitrotoluene	10.15	165	264250	45.364	nq	96
57) Fluorene	10.52	166	784384	39.656	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	197957	46.463	nq	99
59) Diethylphthalate	10.39	149	855646	39.735	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	345416	39.863	nq	99
61) 4-Nitroaniline	10.53	138	222509	44.884	nq	97
62) Azobenzene	10.67	77	840837	41.751	nq	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	108312	42.528	nq	93
65) n-Nitrosodiphenylamine	10.63	169	708901	39.139	nq	99
66) 4-Bromophenyl-phenylether	11.00	248	215673	40.592	nq	91
67) Hexachlorobenzene	11.06	284	230856	38.131	nq	93
68) Atrazine	11.15	200	223479	41.018	nq	98
69) Pentachlorophenol	11.26	266	277099	80.077	nq	99
70) Phenanthrene	11.48	178	1136487	39.814	nq	99
71) Anthracene	11.53	178	1181318	40.587	nq	100
72) Carbazole	11.68	167	1103196	38.790	nq	99
73) Di-n-butylphthalate	12.01	149	1326442	40.155	nq	99
74) Fluoranthene	12.67	202	1179742	41.471	nq	99
76) Benzidine	12.79	184	349603	20.524	nq	98
77) Pyrene	12.90	202	1211438	38.898	nq	100
79) Butylbenzylphthalate	13.51	149	607256	47.132	nq	95
80) Benzo(a)anthracene	14.08	228	1021710	40.435	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	293407	32.539	nq	97
82) Chrysene	14.12	228	958206	39.268	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	775506	43.514	nq	98
84) Di-n-octyl phthalate	14.68	149	1239391	46.306	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	803895	42.469	nq	100
87) Benzo(b)fluoranthene	15.14	252	903084	43.496	nq	98
88) Benzo(k)fluoranthene	15.18	252	764637	36.853	nq	98
89) Benzo(a)pyrene	15.52	252	771383	40.910	nq	# 96
90) Dibenzo(a,h)anthracene	17.12	278	665346	41.723	nq	99
91) Benzo(g,h,i)perylene	17.56	276	674966	42.106	nq	98

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

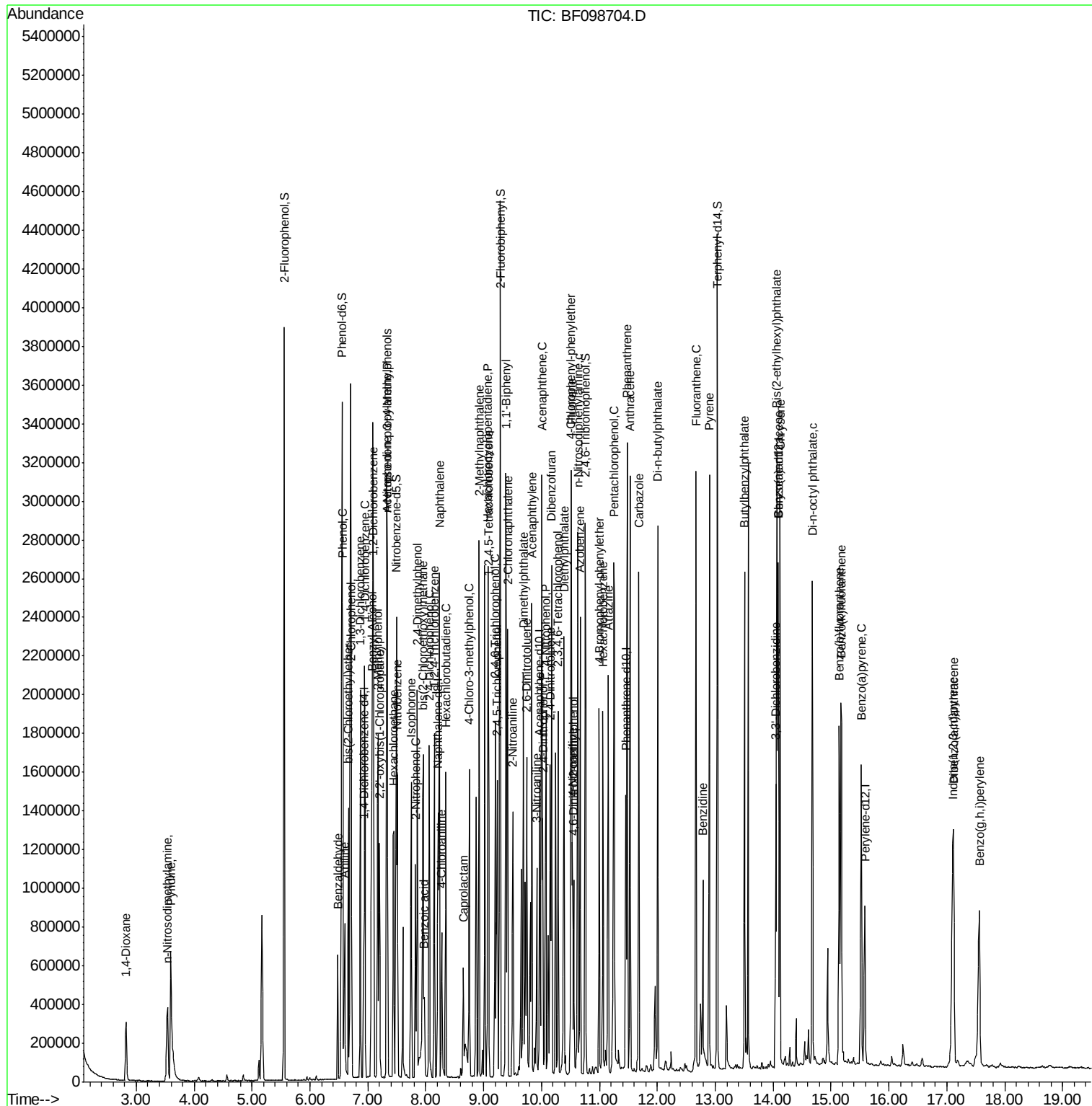
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\  
Data File : BF098704.D  
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Operator  : SJ/JU  
Sample    : PB102532BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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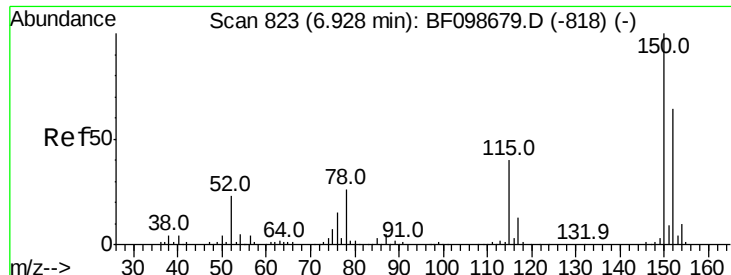
Instrument :
BNA_F
ClientSampleId :
PB102532BS

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#1

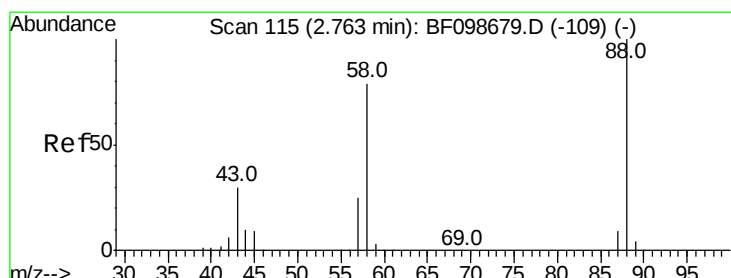
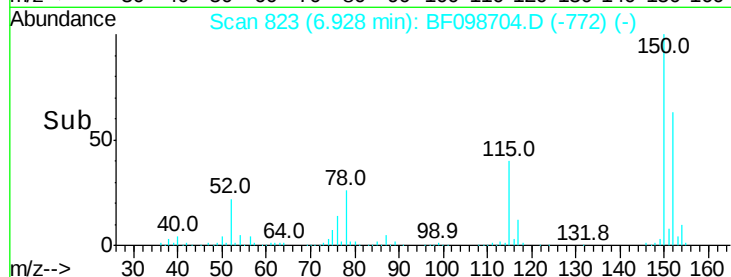
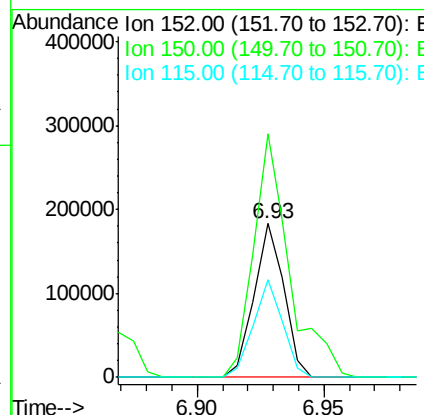
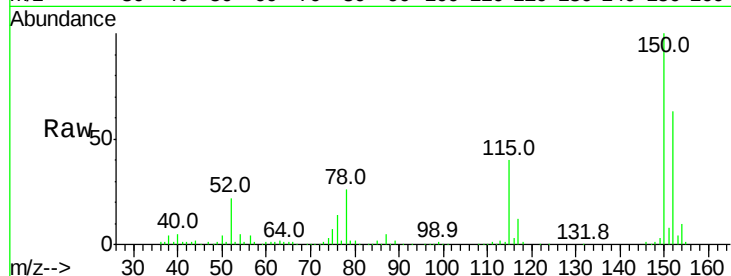
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	63.8	50.1	75.1

Manual Integrations
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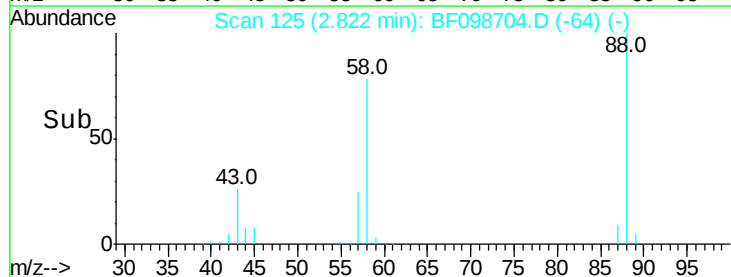
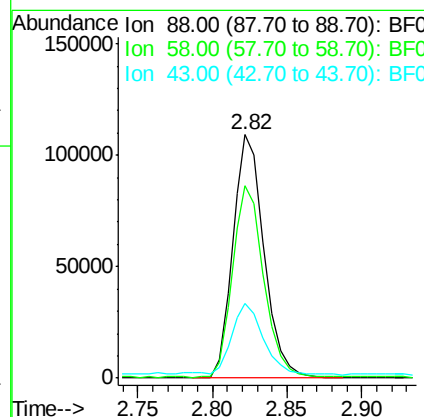
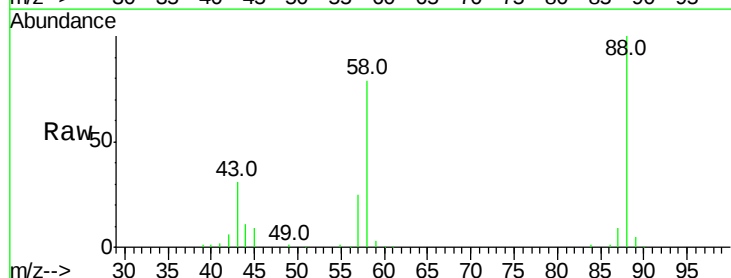
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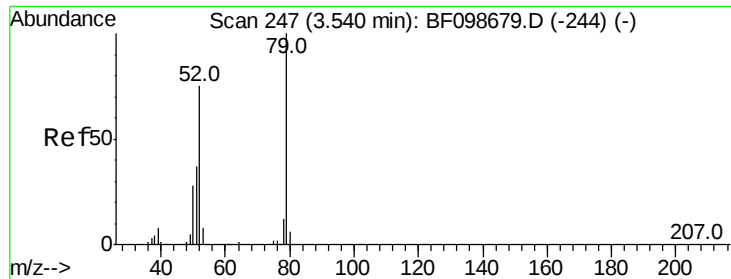


#2

1,4-Dioxane
Concen: 33.870 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.06 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	62.6	93.8
43	30.3	24.6	37.0





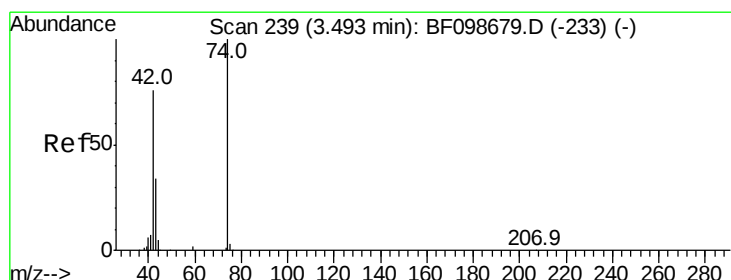
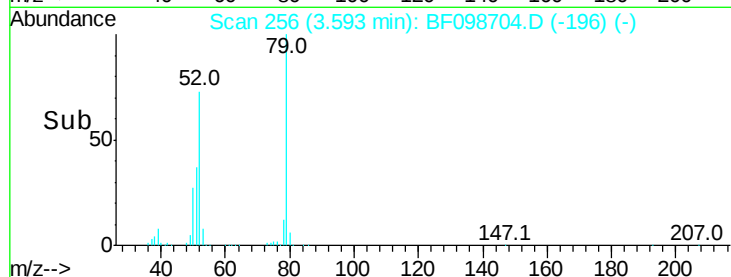
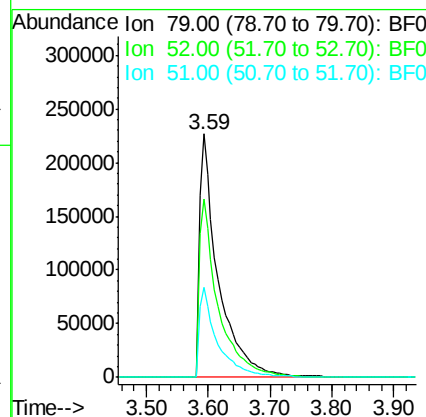
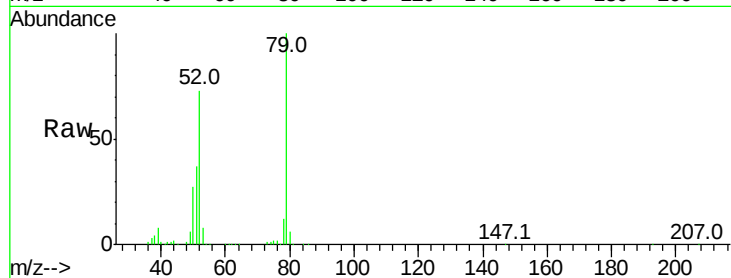
#3
 Pvridine
 Concen: 38.099 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.05 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	59.8	89.6
51	37.0	29.8	44.8

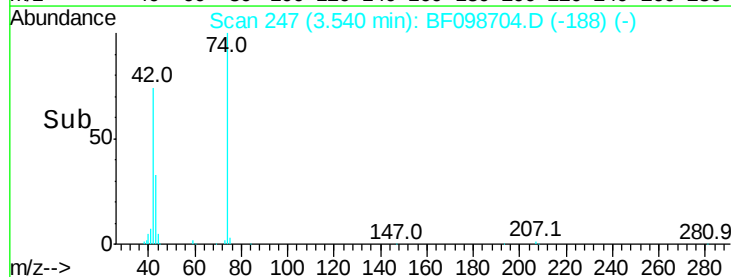
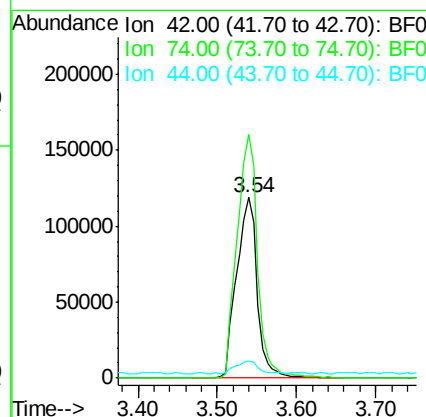
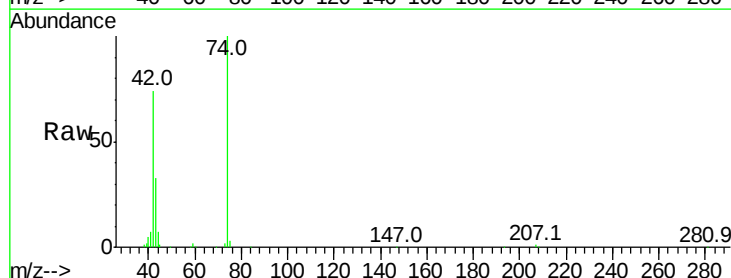
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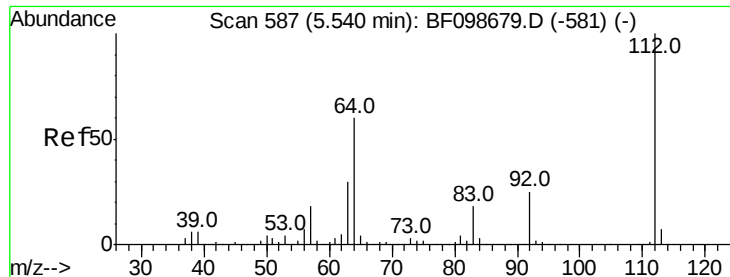
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#4
 n-Nitrosodimethylamine
 Concen: 39.229 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.05 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.8	104.9	157.3
44	9.4	6.9	10.3





#5

2-Fluorophenol

Concen: 122.289 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

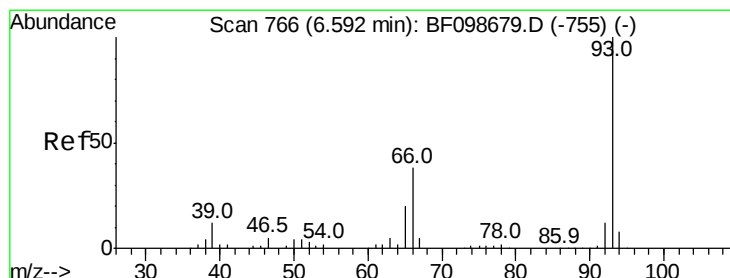
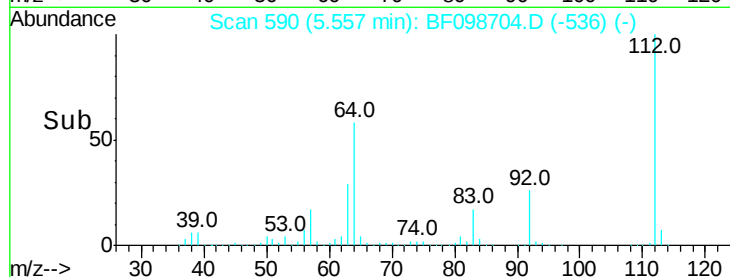
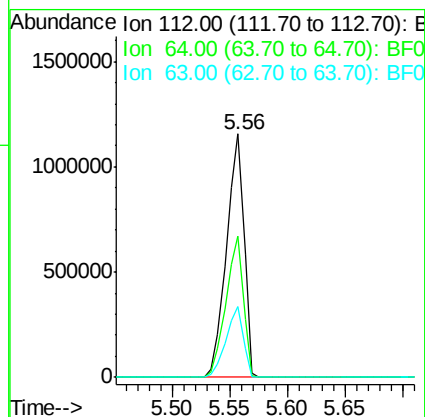
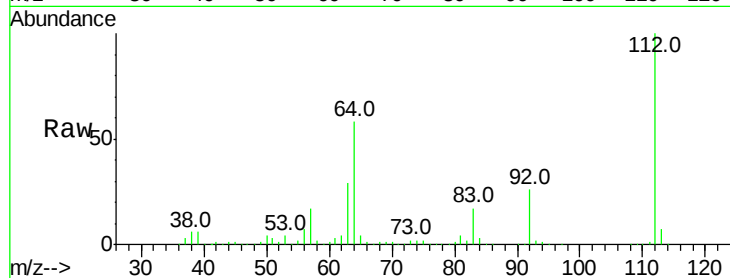
ClientSampleId :

PB102532BS

Tot Ion:	112	Resp:	1216617
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.9	71.9
63	28.9	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 25.919 ng

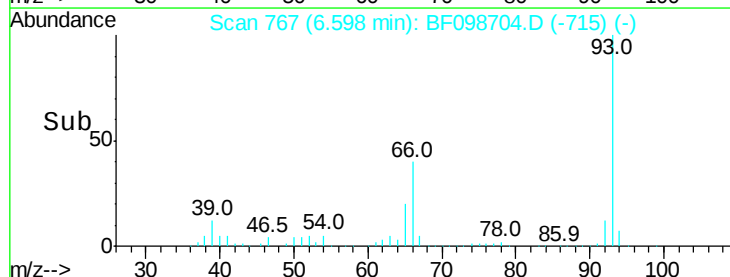
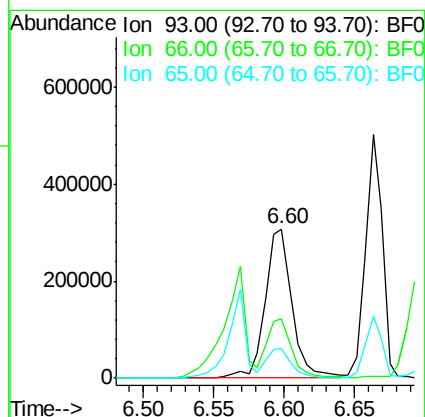
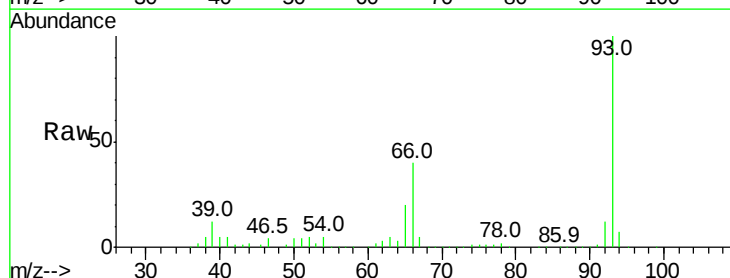
RT: 6.60 min Scan# 767

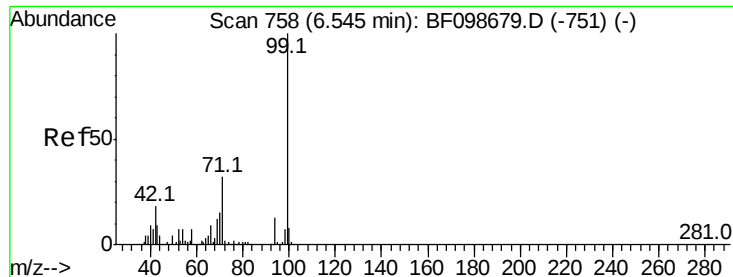
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	93	Resp:	413652
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 121.942 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion: 99 Resp: 1469072

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

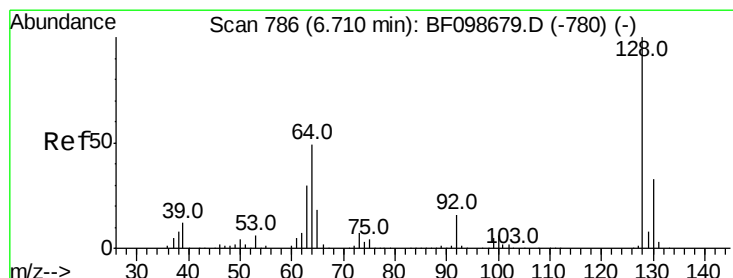
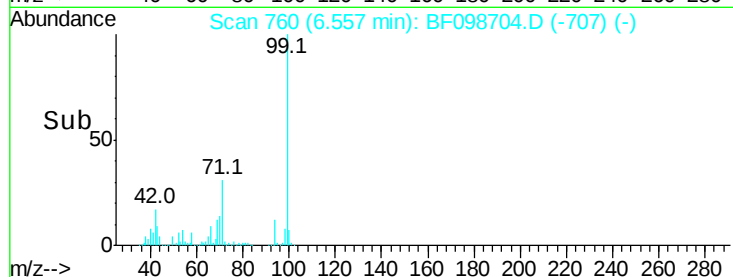
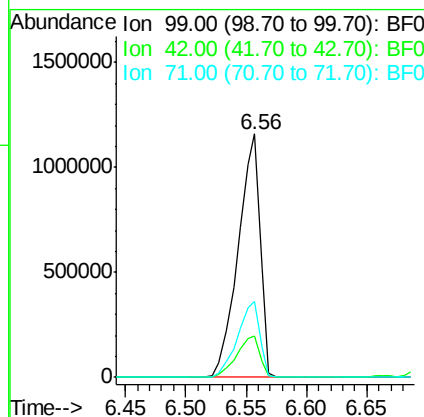
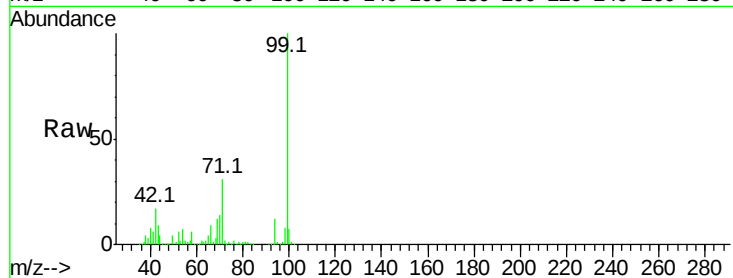
71 31.2 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.792 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

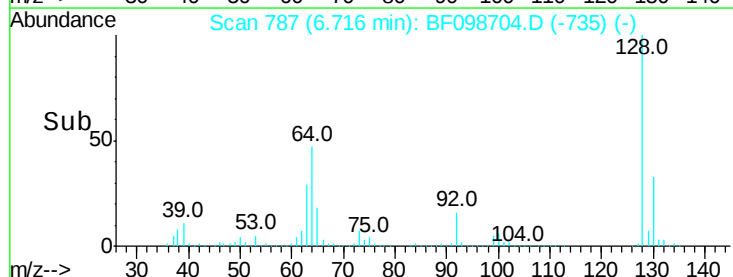
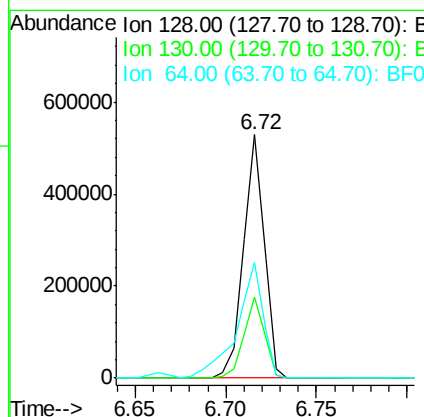
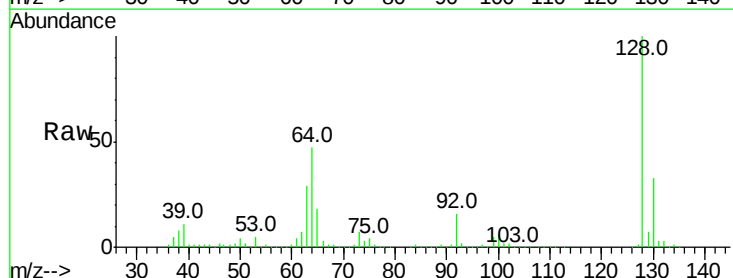
Tgt Ion: 128 Resp: 419222

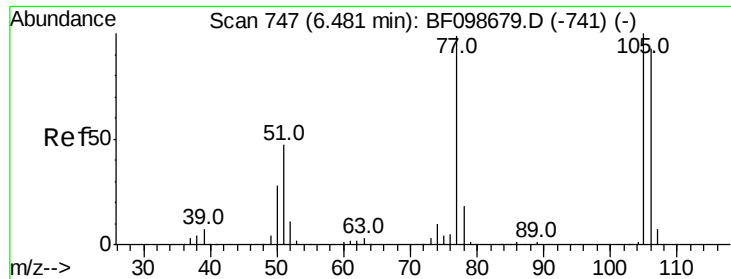
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 47.2 29.4 69.4





#9

Benzaldehyde

Concen: 18.109 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion: 77 Resp: 122372

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

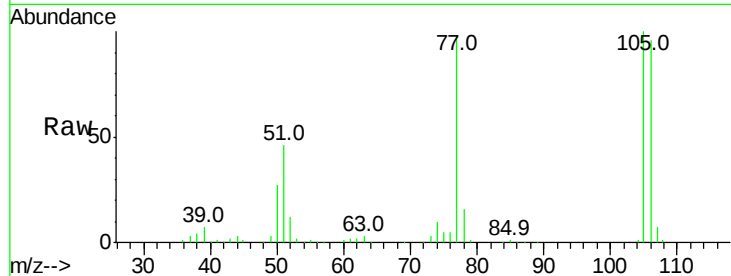
106 98.5 74.5 114.5

Manual Integrations

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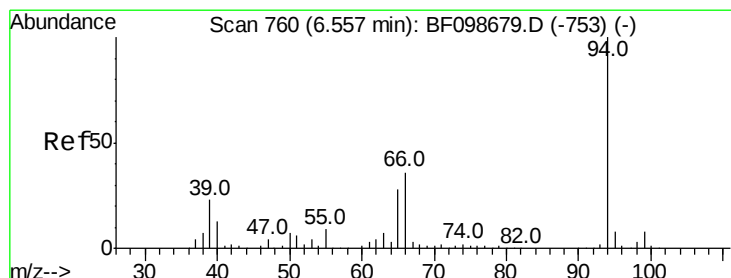
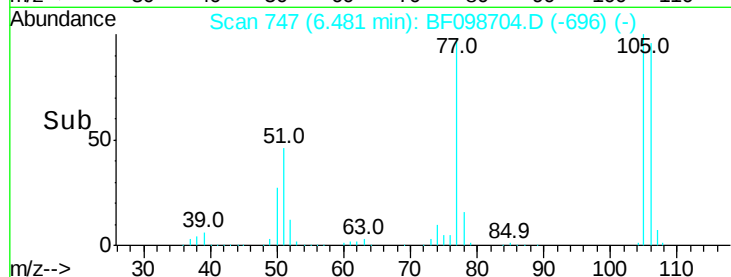
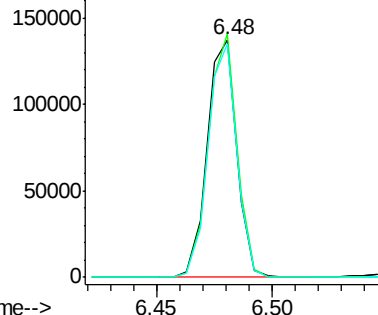
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.281 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

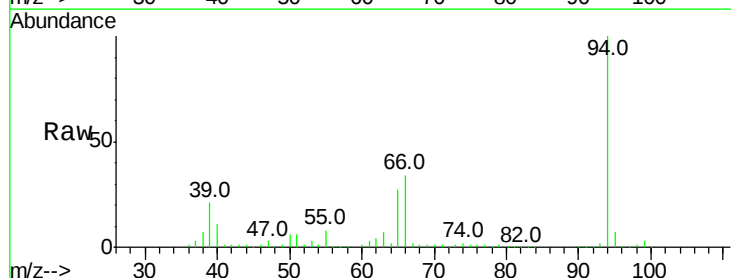
Tgt Ion: 94 Resp: 509014

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

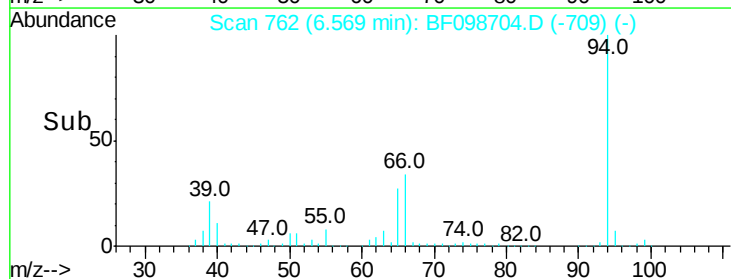
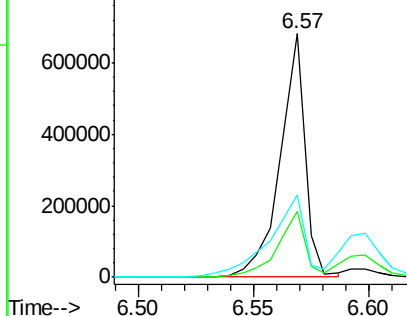
66 33.8 16.2 56.2

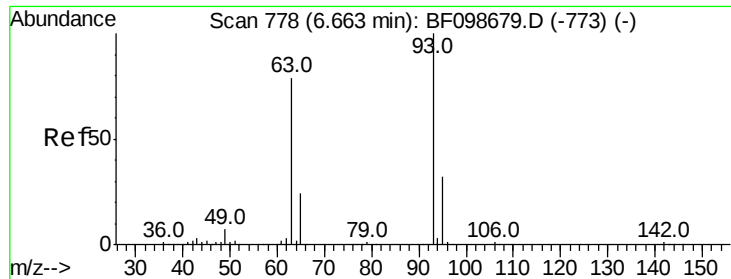


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





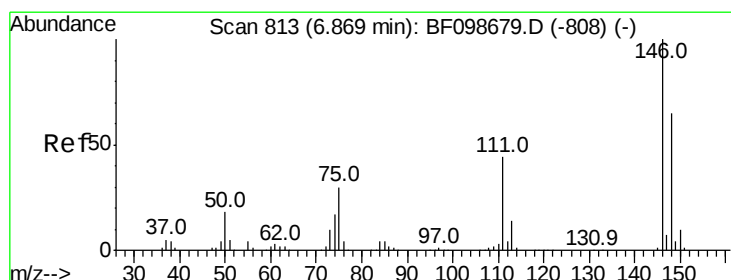
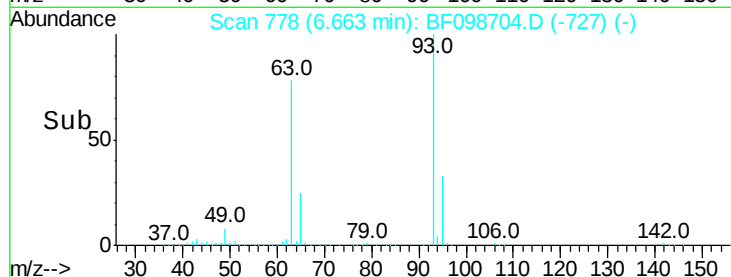
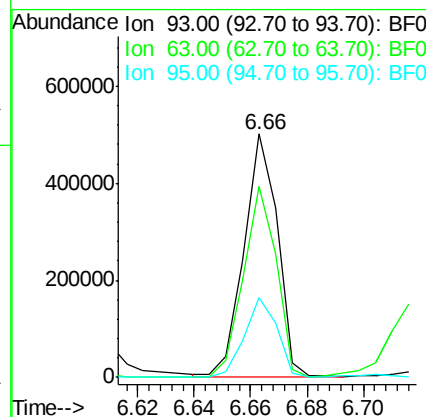
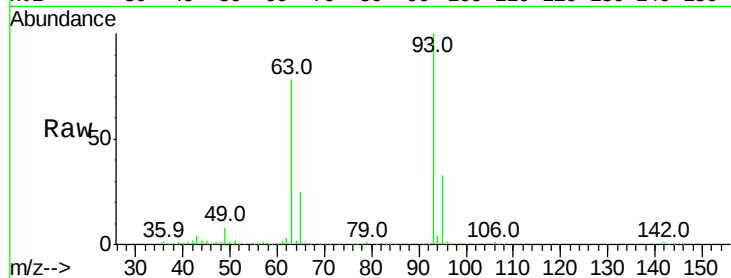
#11
bis(2-Chloroethyl)ether
Concen: 39.962 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.4	58.6	98.6	
95	32.9	11.8	51.8	

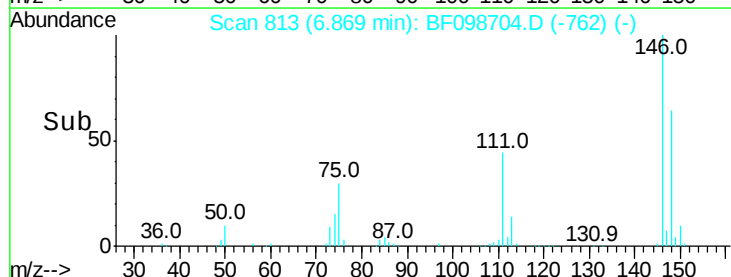
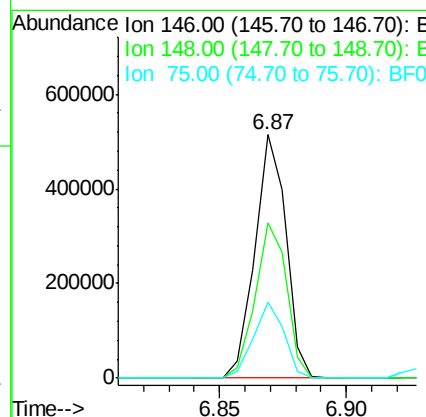
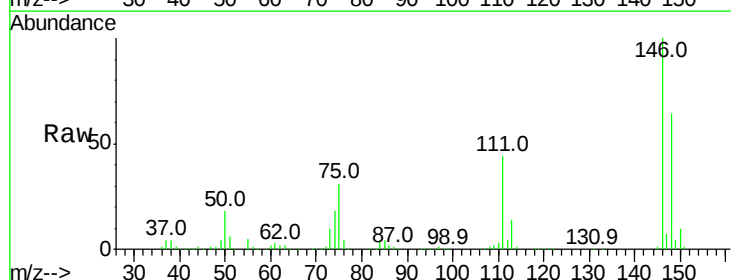
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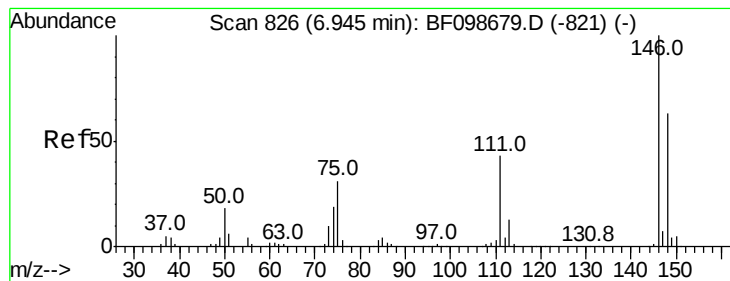
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#12
1,3-Dichlorobenzene
Concen: 38.629 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.6	51.8	77.8	
75	31.2	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 39.023 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

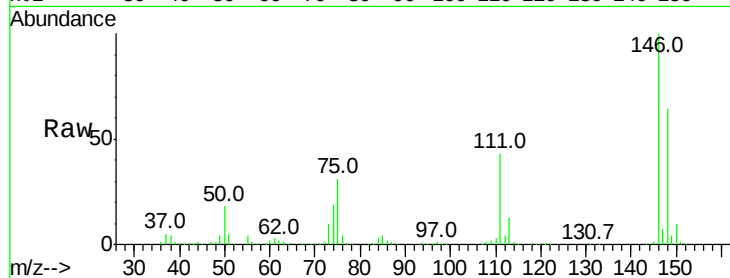
ClientSampleId :

PB102532BS

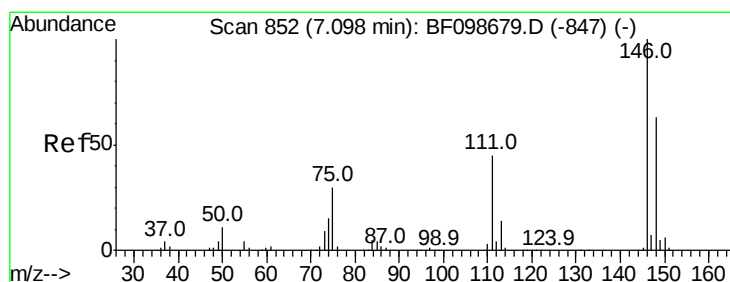
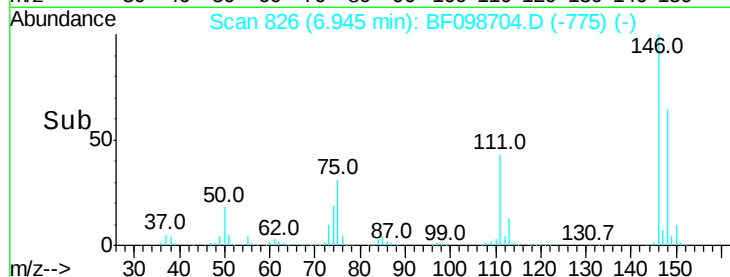
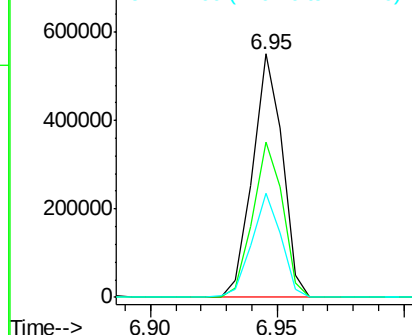
Tot Ion:	146	Resp:	450846
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	42.9	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.031 ng

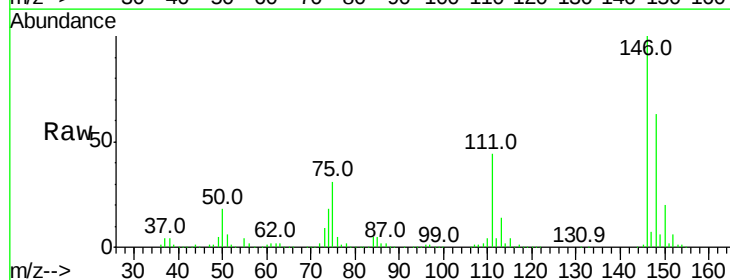
RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

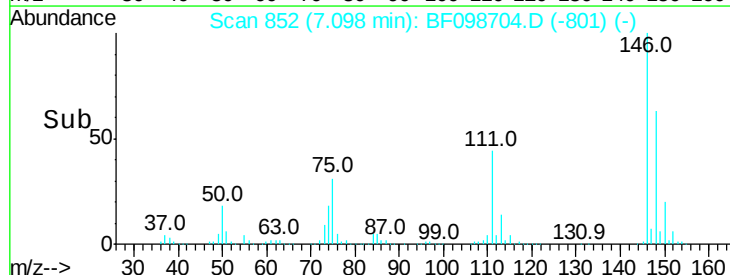
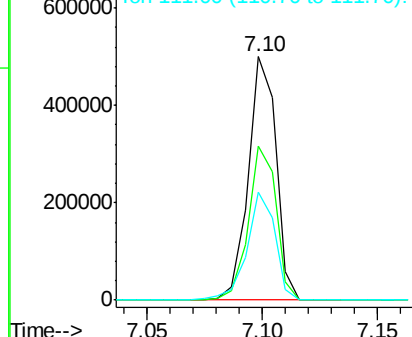
Lab File: BF098704.D

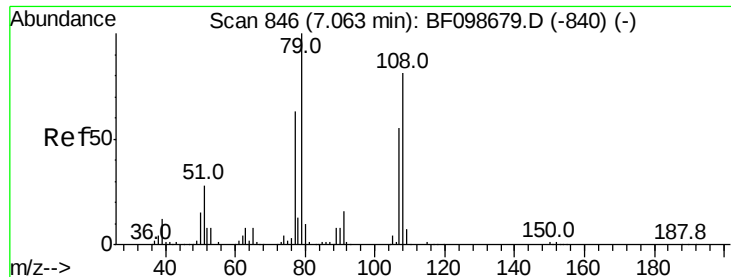
Acq: 22 Sep 2017 18:56

Tgt Ion:	146	Resp:	420546
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	44.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.287 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

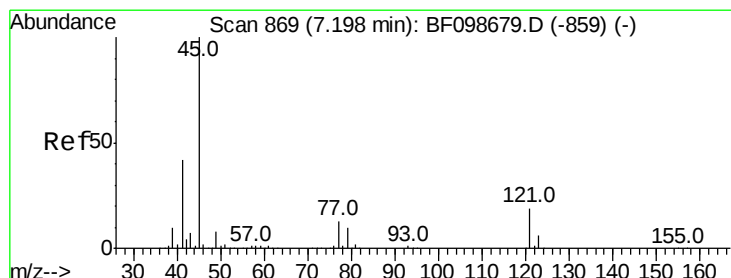
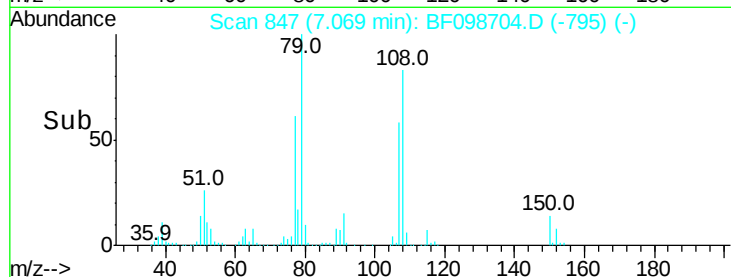
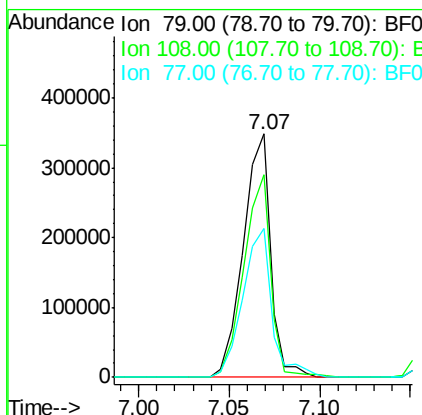
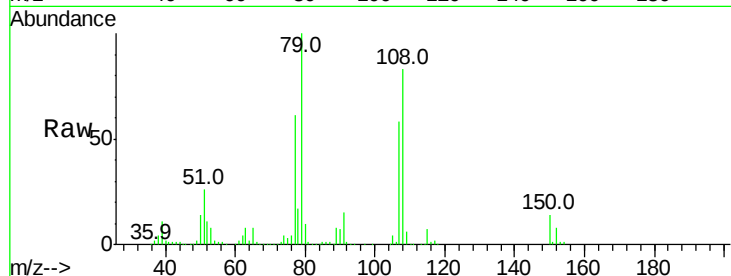
ClientSampleId :

PB102532BS

Tot Ion:	79	Resp:	367608
Ion Ratio	Lower	Upper	
79	100		
108	83.1	65.1	97.7
77	61.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.371 ng

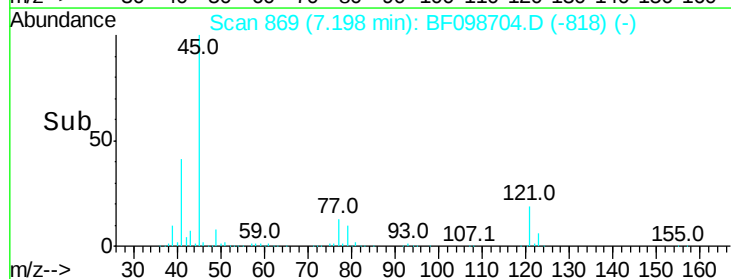
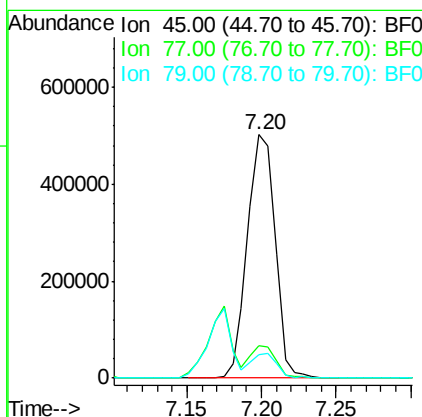
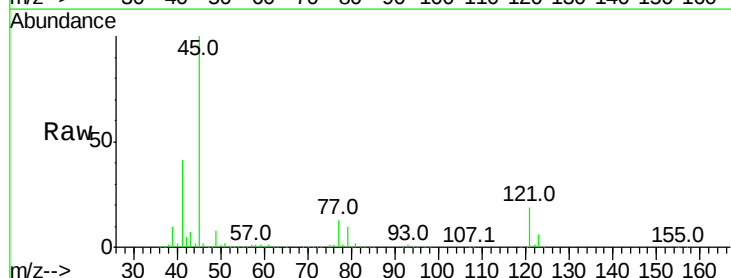
RT: 7.20 min Scan# 869

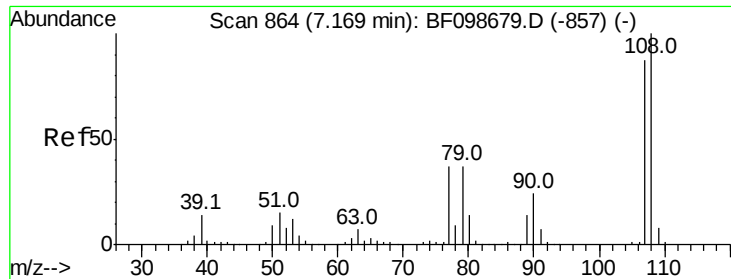
Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	45	Resp:	642701
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	32.9
79	9.7	0.0	29.6





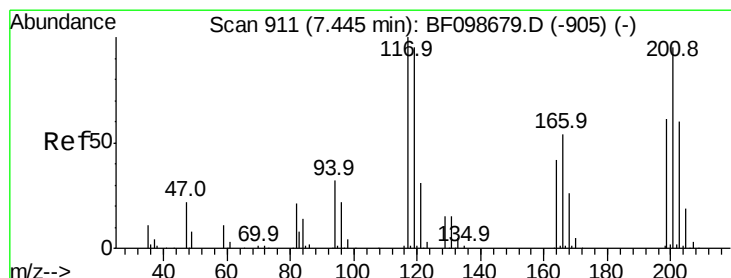
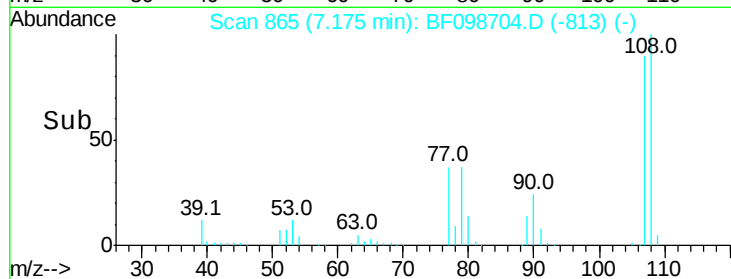
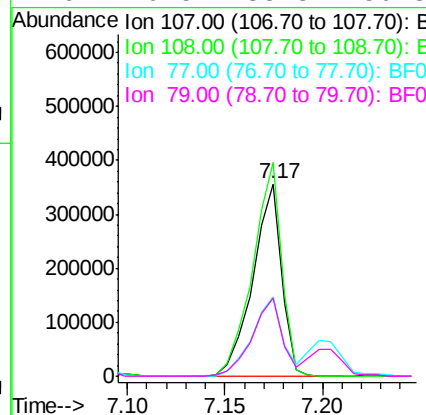
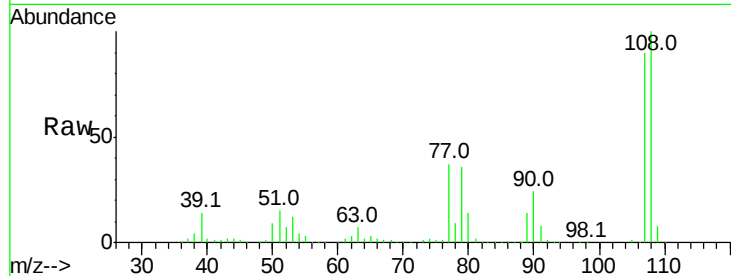
#17
2-Methylphenol
Concen: 41.401 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	41.6	33.8	50.8	
79	40.5	33.8	50.8	

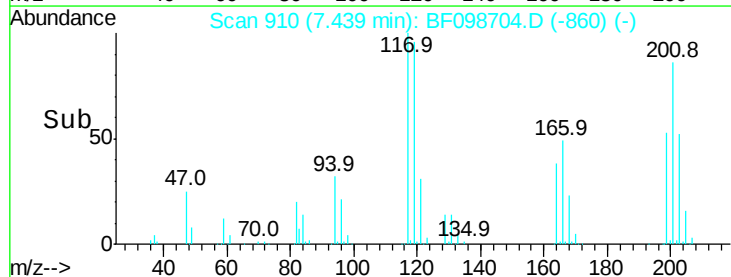
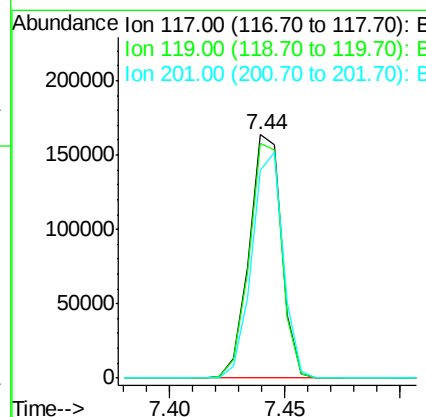
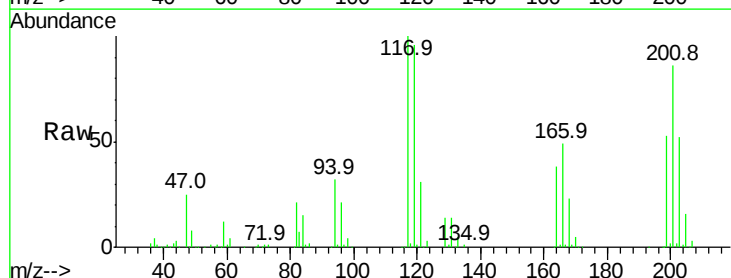
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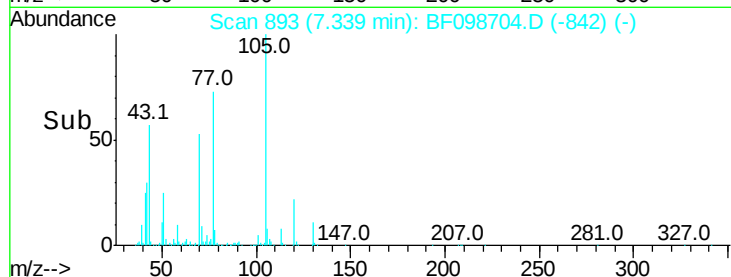
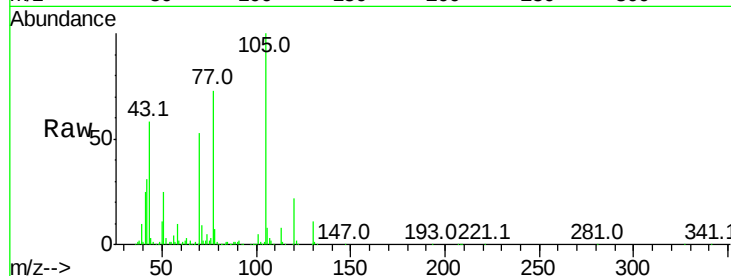
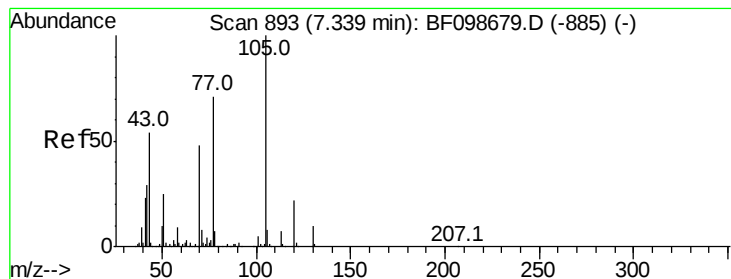
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#18
Hexachloroethane
Concen: 40.389 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.8	113.8	
201	85.6	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 38.360 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

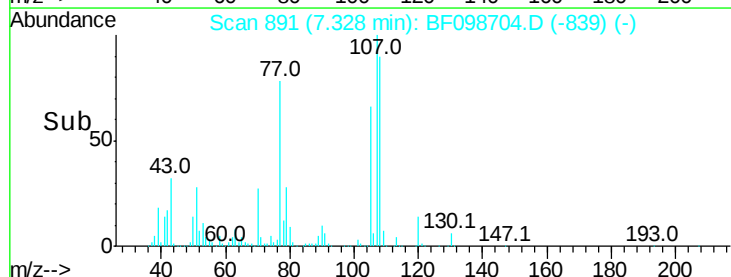
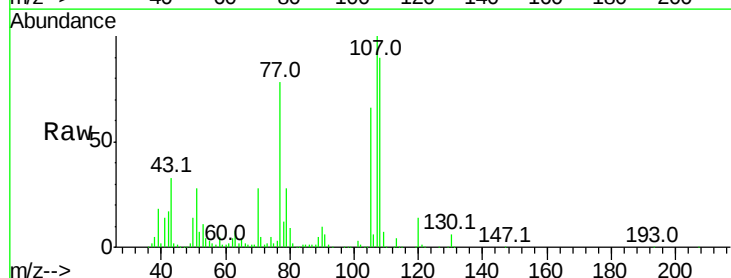
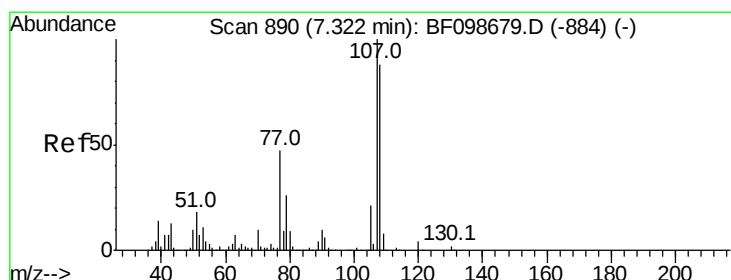
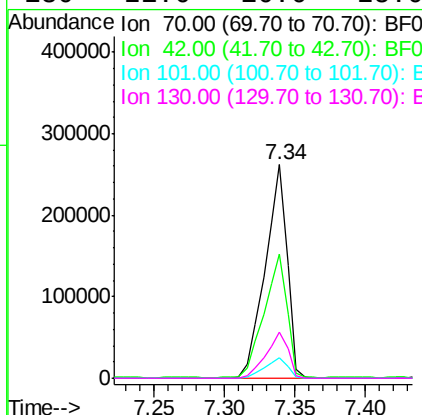
ClientSampleId :

PB102532BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.5	71.3
101	9.9	7.4	11.2
130	21.6	16.6	25.0

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#20

3+4-Methylphenols

Concen: 39.357 ng

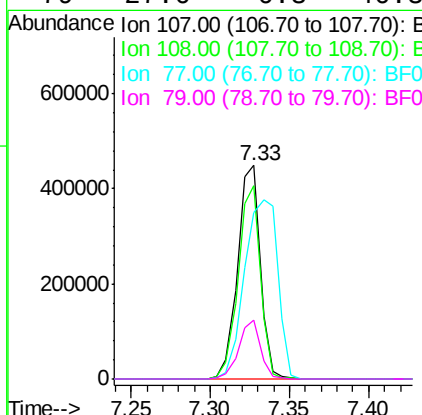
RT: 7.33 min Scan# 891

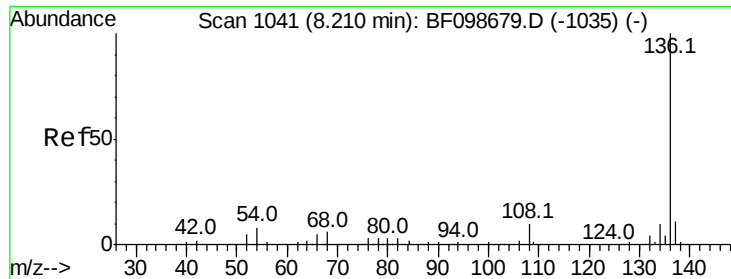
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	78.2	26.7	66.7#
79	27.6	6.3	46.3





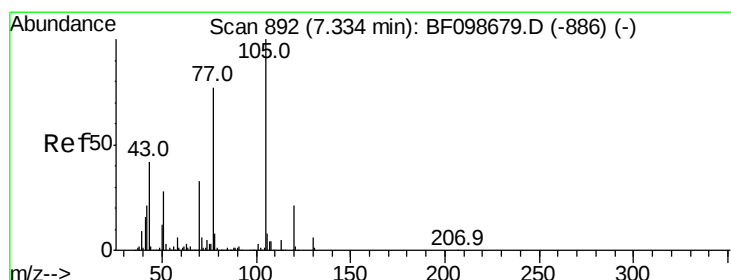
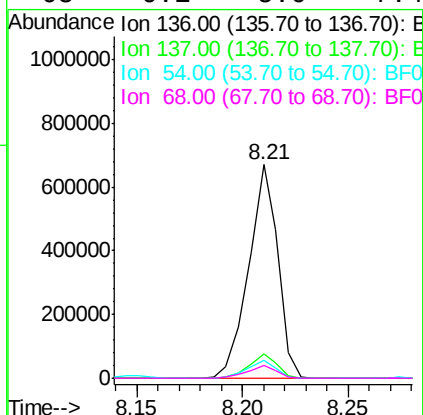
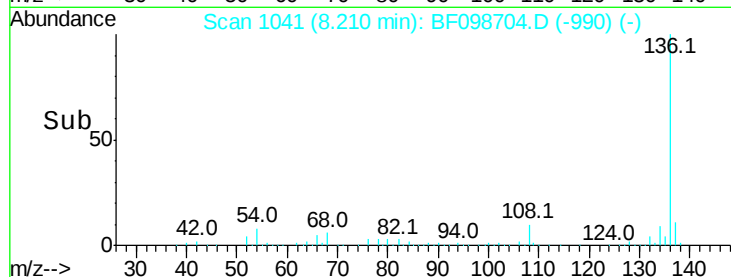
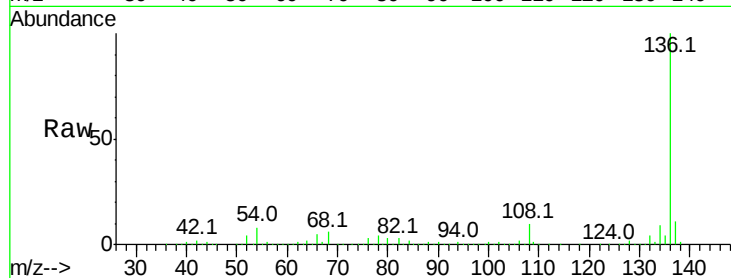
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampled :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	8.2	6.6	9.8	
68	6.1	5.0	7.4	

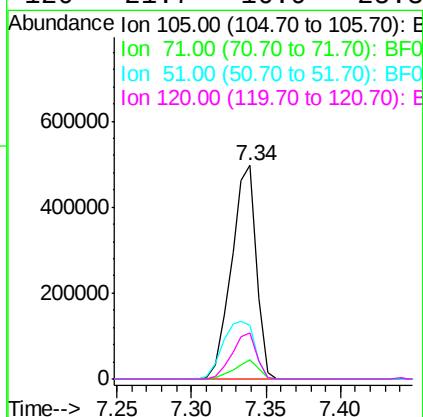
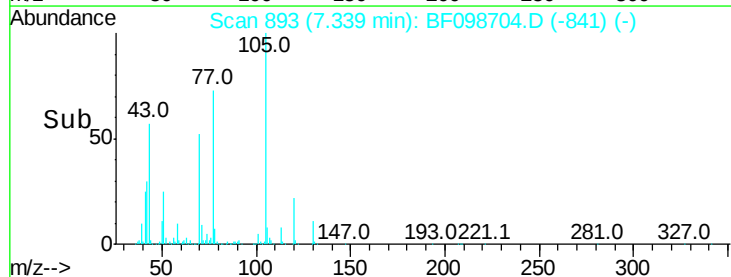
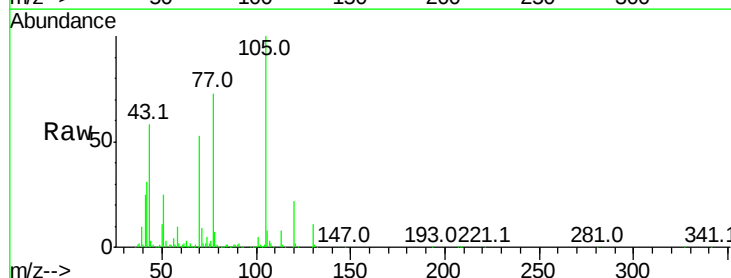
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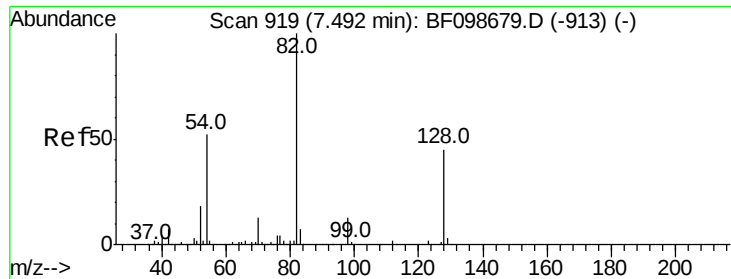
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#22
Acetophenone
Concen: 36.533 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.1	4.4	6.6#	
51	25.1	22.3	33.5	
120	21.7	16.9	25.3	





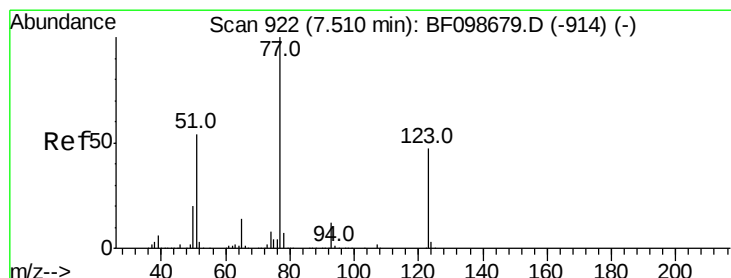
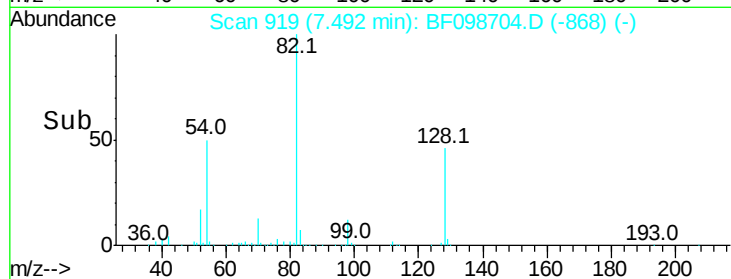
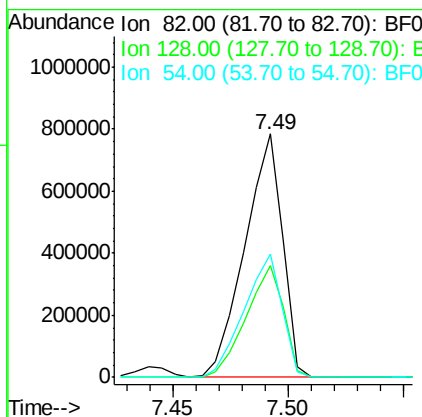
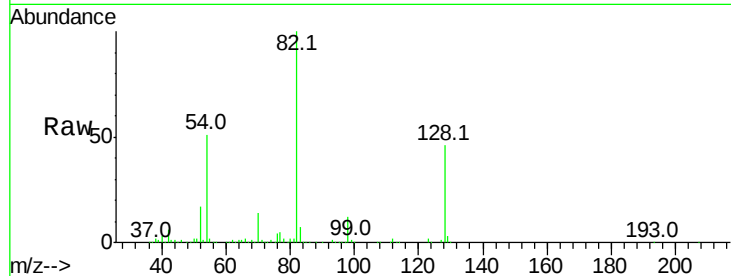
#23
 Nitrobenzene-d5
 Concen: 94.427 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampled :
 PB102532BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	50.5	41.4	62.2

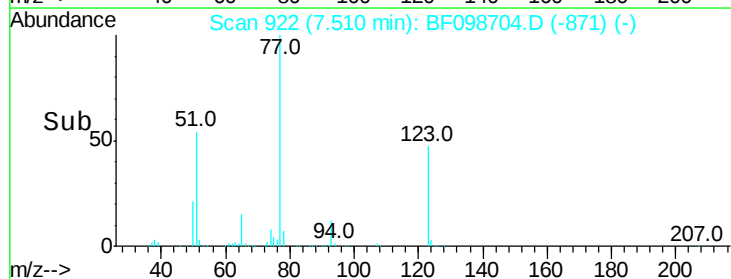
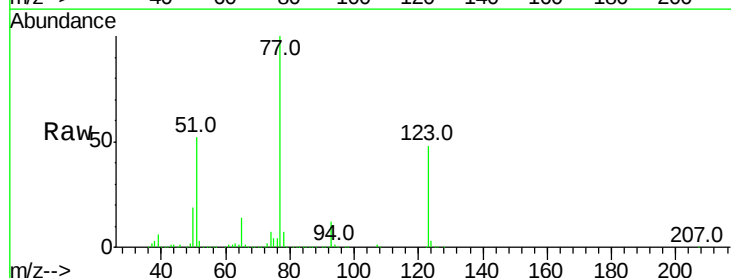
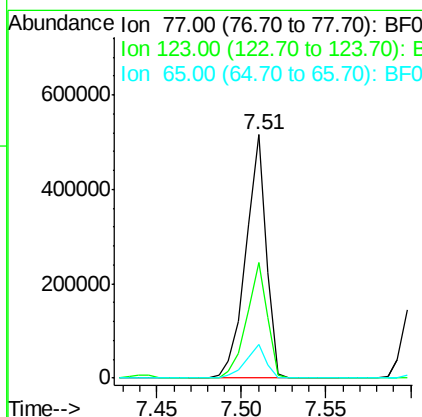
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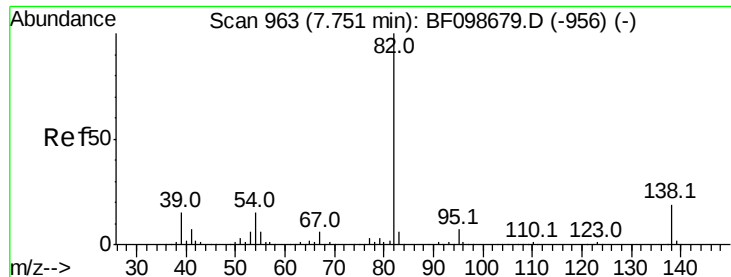
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#24
 Nitrobenzene
 Concen: 40.301 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 38.518 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

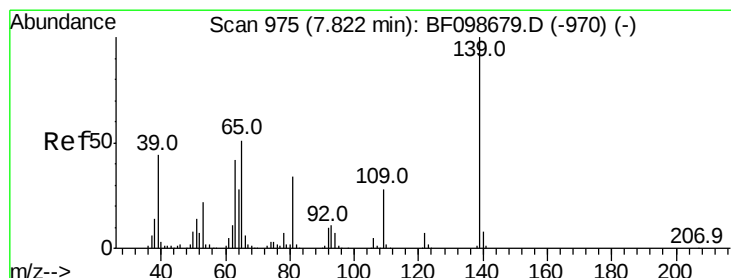
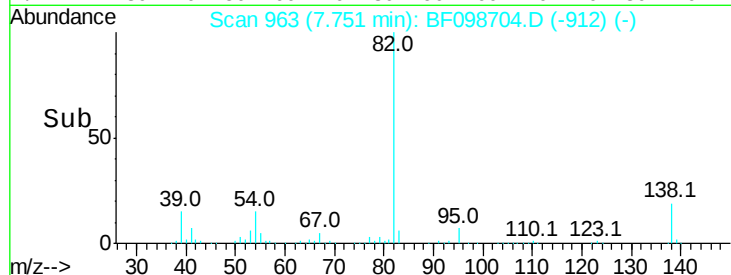
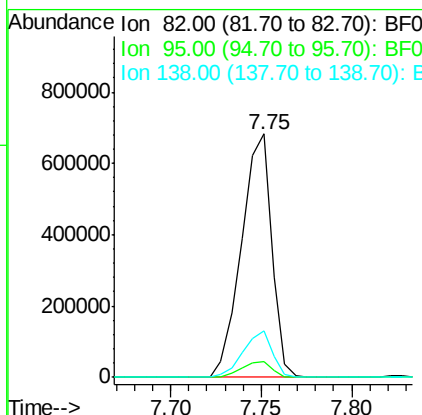
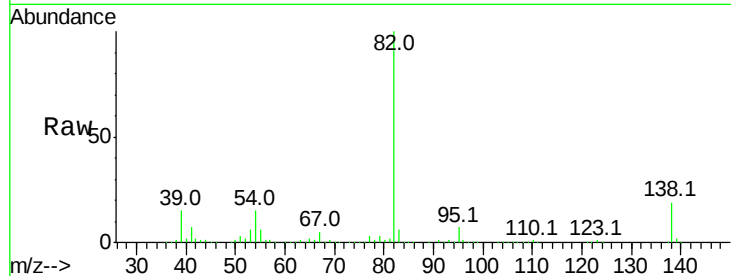
ClientSampleId :

PB102532BS

Tot Ion:	82	Resp:	794880
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 46.414 ng

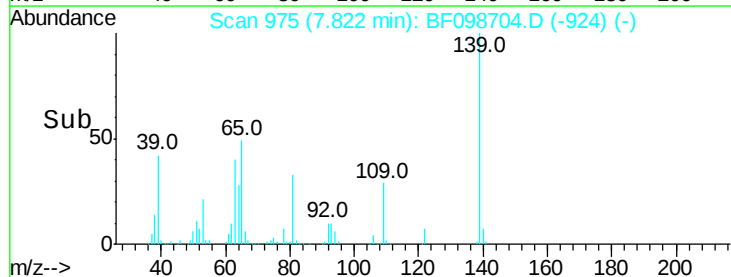
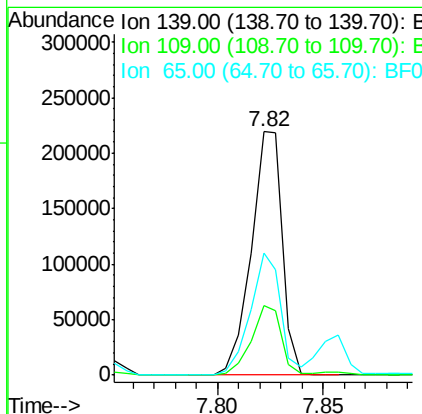
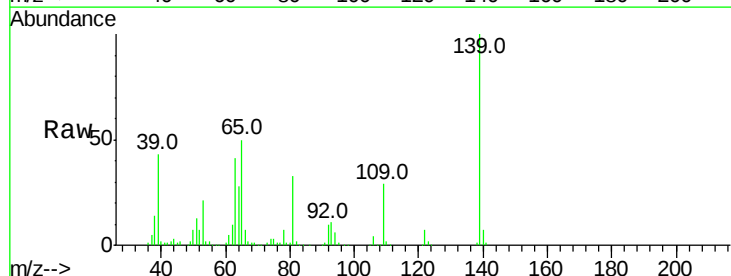
RT: 7.82 min Scan# 975

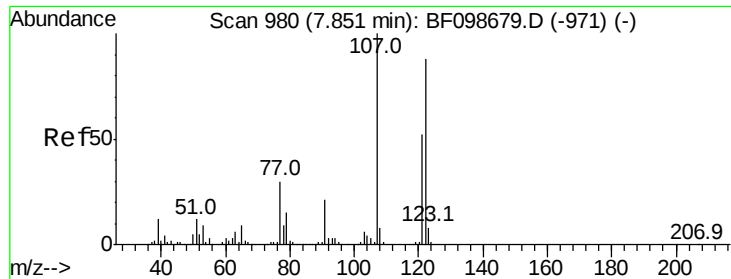
Delta R.T. 0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	139	Resp:	223684
Ion Ratio	Lower	Upper	
139	100		
109	28.8	22.7	34.1
65	49.9	40.5	60.7





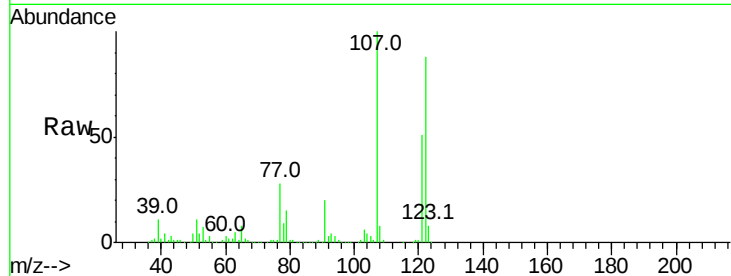
#27
 2,4-Dimethylphenol
 Concen: 39.060 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

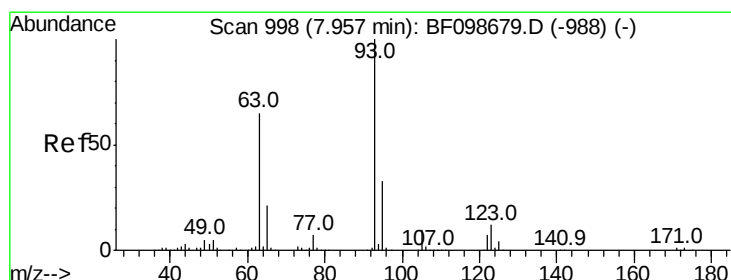
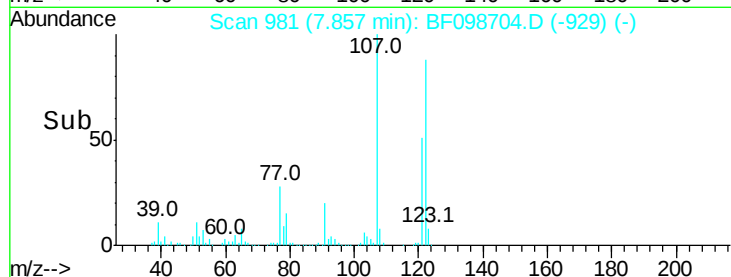
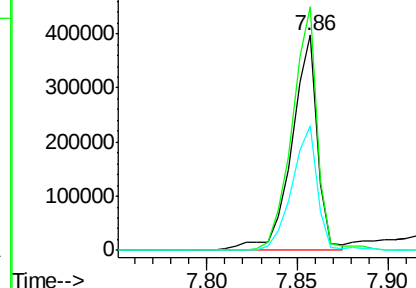
Tot Ion	Ratio	Resp	Lower	Upper
122	100	395862		
107	113.2	91.2	136.8	
121	58.0	47.2	70.8	

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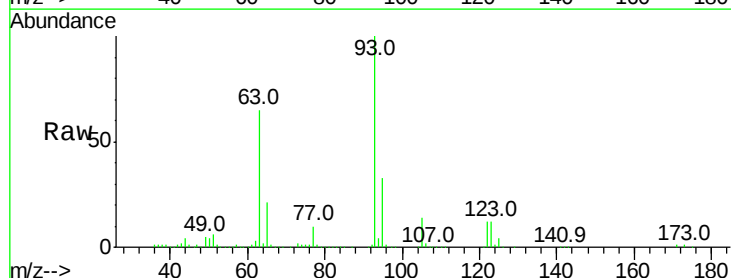


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

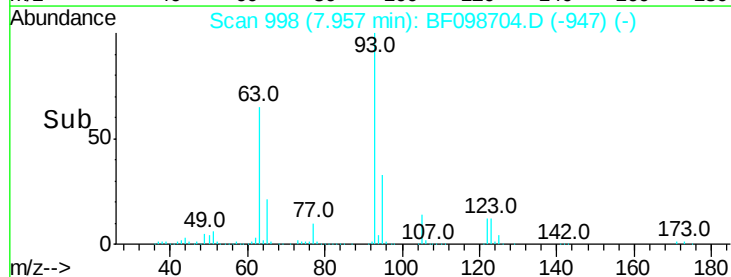
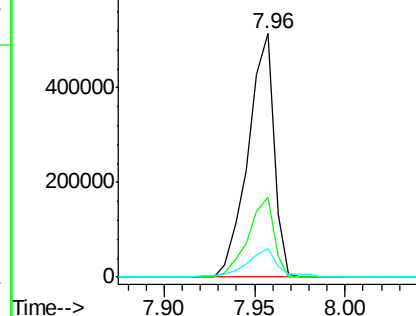


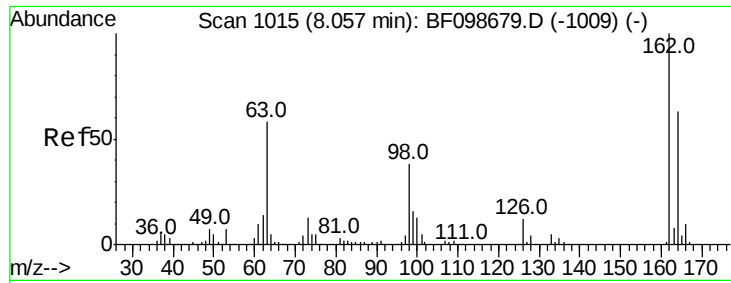
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.837 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	511563		
95	32.9	26.3	39.5	
123	11.8	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





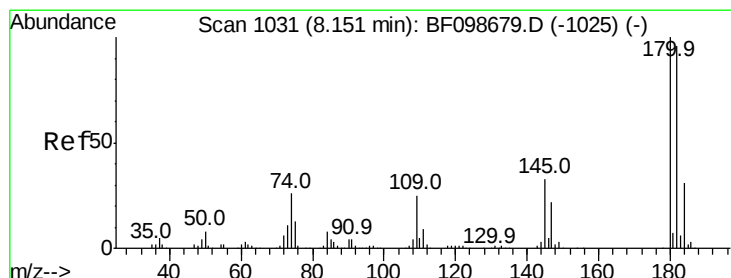
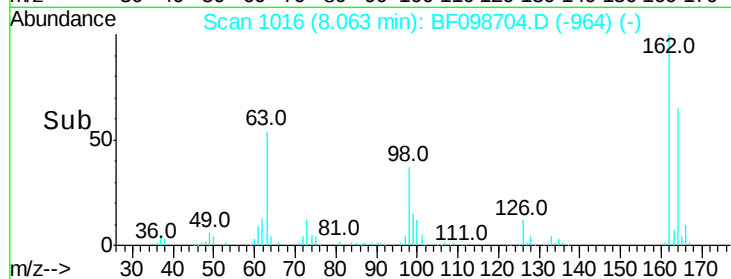
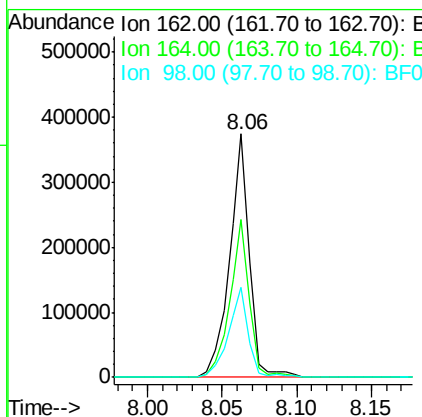
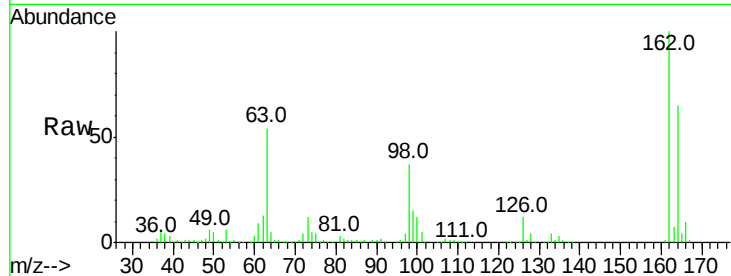
#29
 2,4-Dichlorophenol
 Concen: 40.176 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampled :
 PB102532BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	42.7	82.7
98	36.9	18.1	58.1

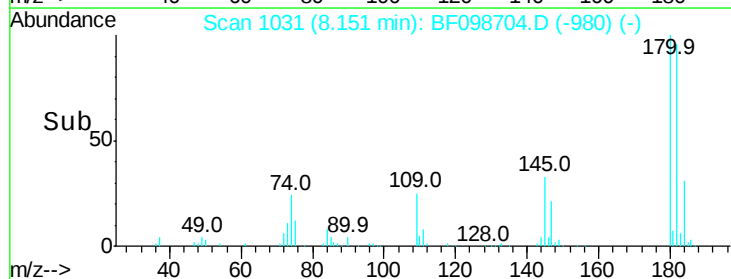
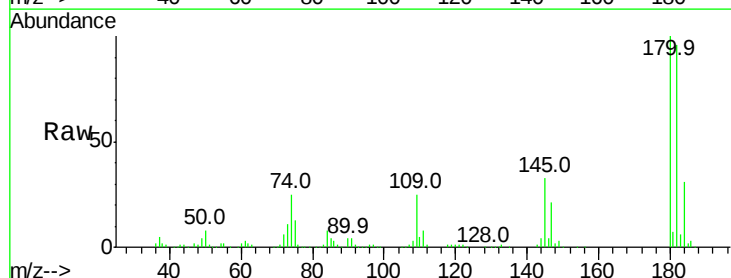
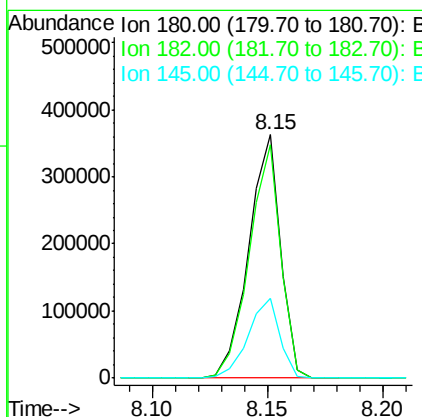
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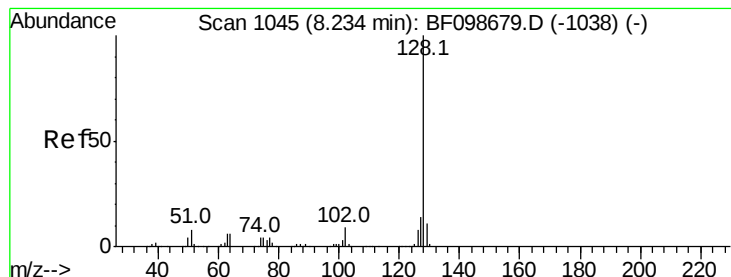
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.611 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	76.8	115.2
145	32.6	26.5	39.7





#31

Naphthalene

Concen: 39.225 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion:128 Resp: 1194919

Ion Ratio Lower Upper

128 100

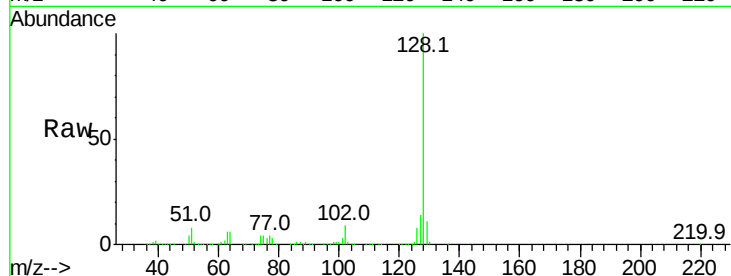
129 11.2 8.8 13.2

127 13.5 10.9 16.3

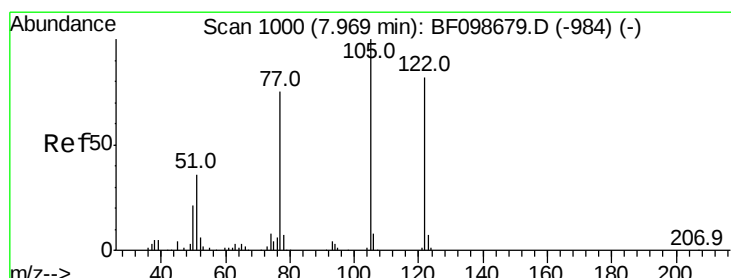
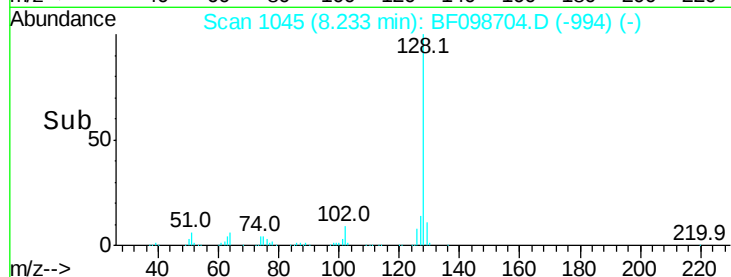
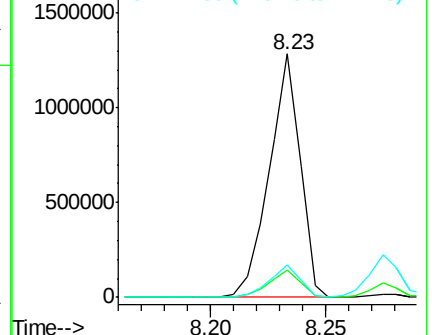
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.417 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

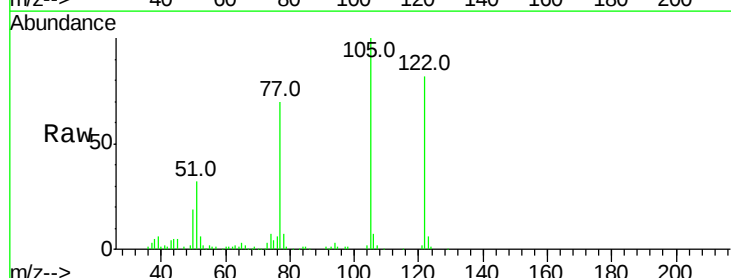
Tgt Ion:122 Resp: 279008

Ion Ratio Lower Upper

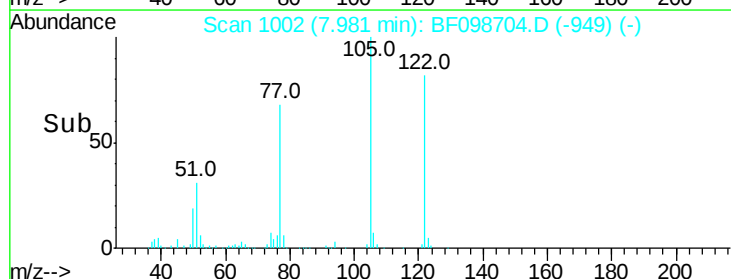
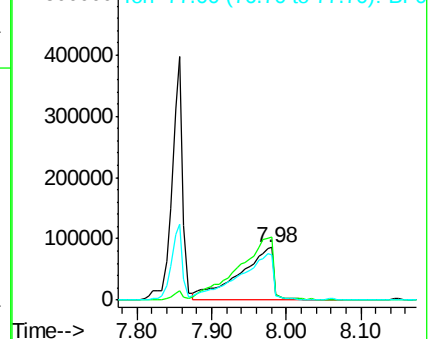
122 100

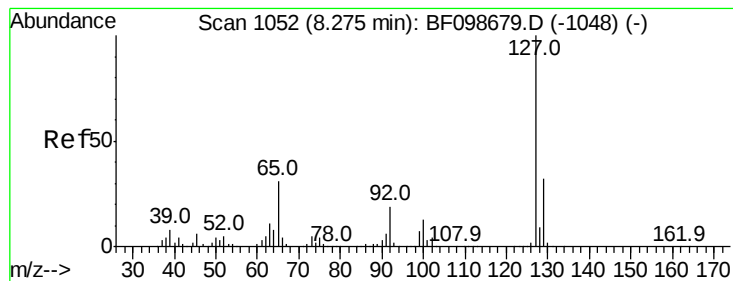
105 121.3 101.1 141.1

77 85.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





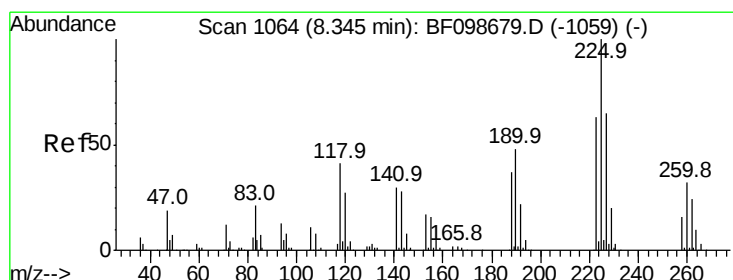
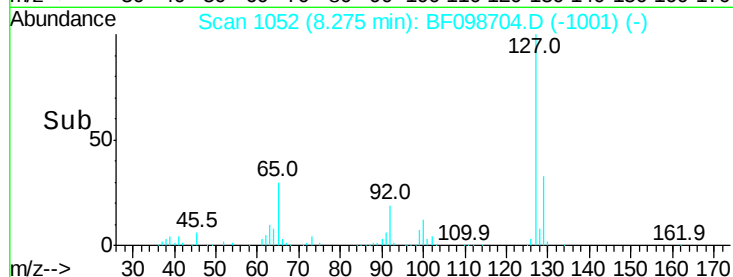
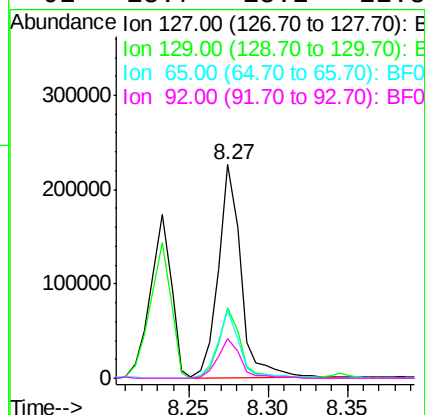
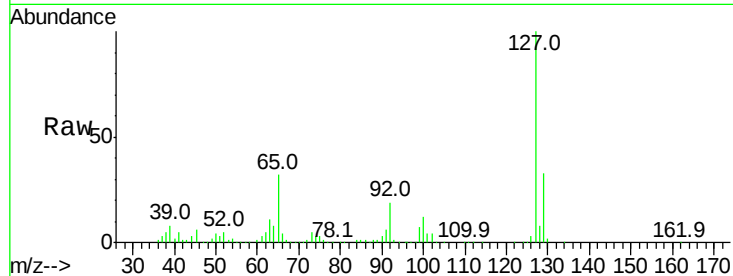
#33
4-Chloroaniline
Concen: 17.727 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.9	38.9		
65	31.7	25.0	37.4		
92	18.7	15.2	22.8		

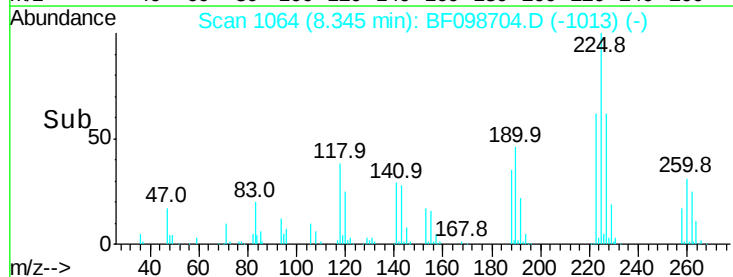
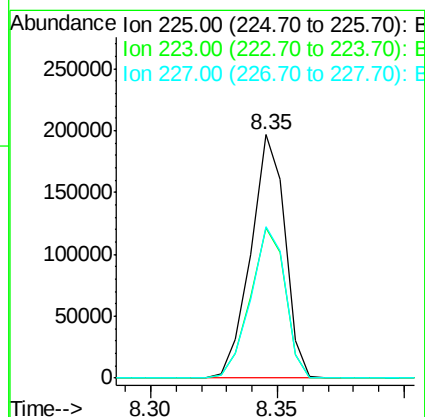
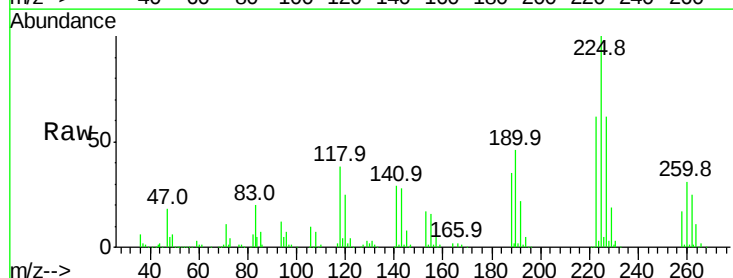
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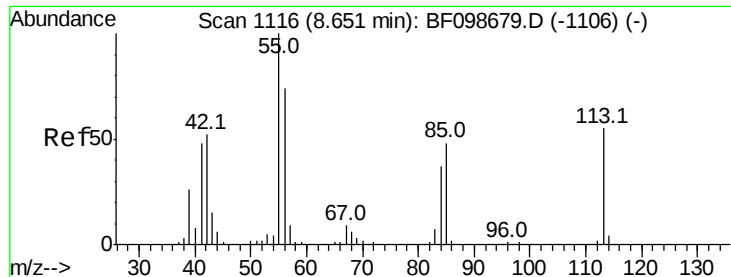
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#34
Hexachlorobutadiene
Concen: 39.036 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	50.6	76.0		
227	62.1	51.9	77.9		





#35

Caprolactam

Concen: 42.881 ng/mL

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampled :

PB102532BS

Tot Ion:113 Resp: 116572

Ion Ratio Lower Upper

113 100

55 182.9 163.3 203.3

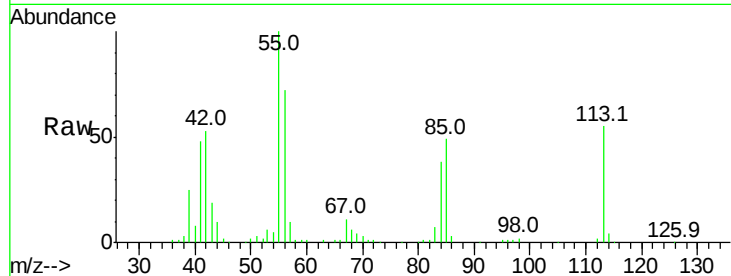
56 132.3 115.7 155.7

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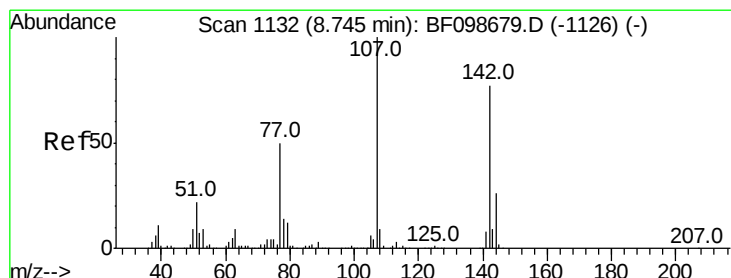
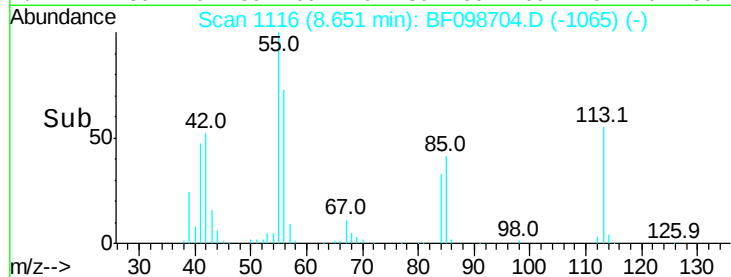
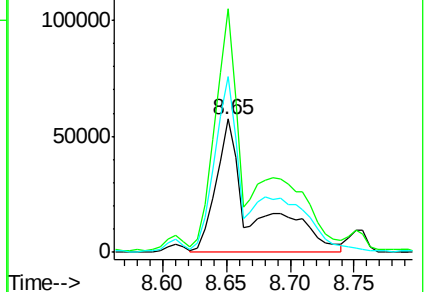
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.457 ng/mL

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

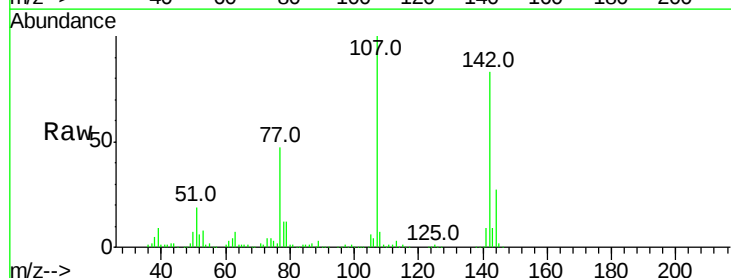
Tgt Ion:107 Resp: 382698

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

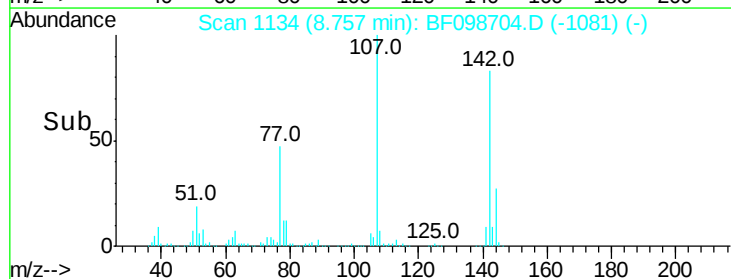
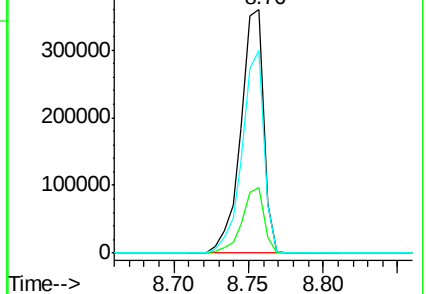
142 83.5 62.0 93.0

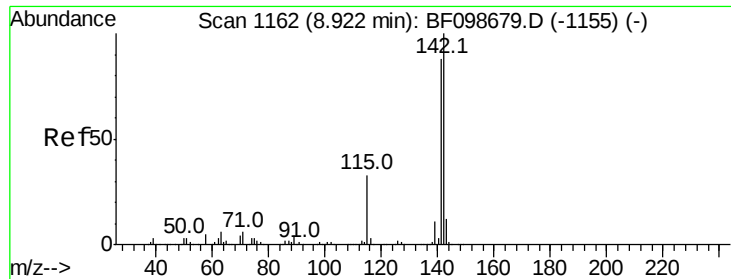


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





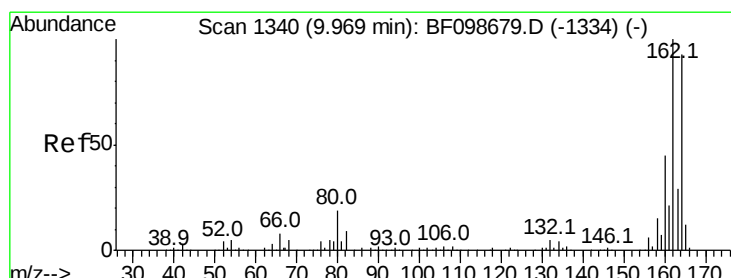
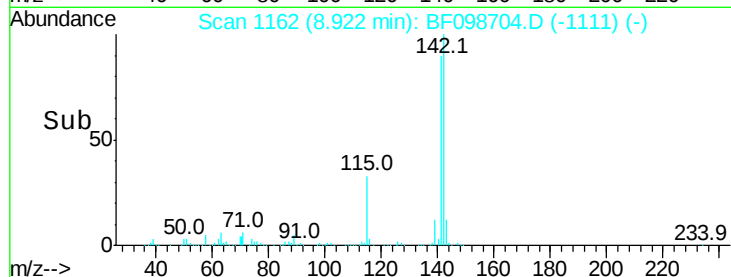
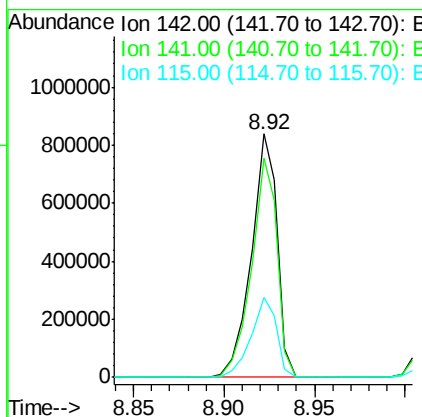
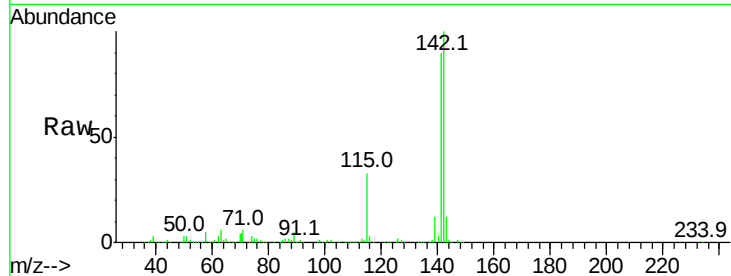
#37
2-Methylnaphthalene
Concen: 42.148 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampled :
PB102532BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	32.7	26.1	39.1

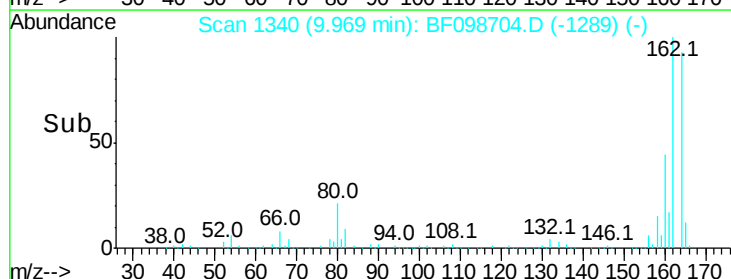
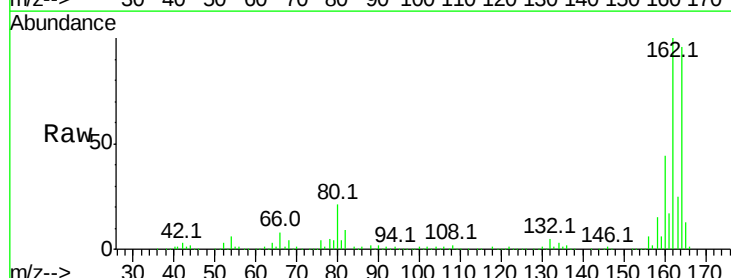
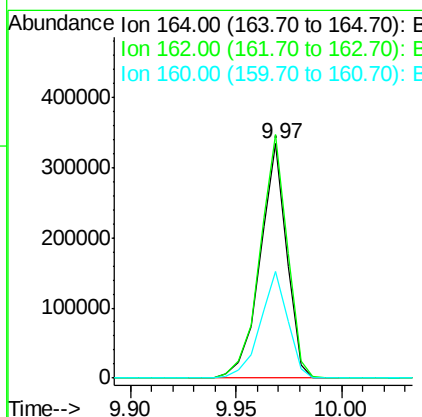
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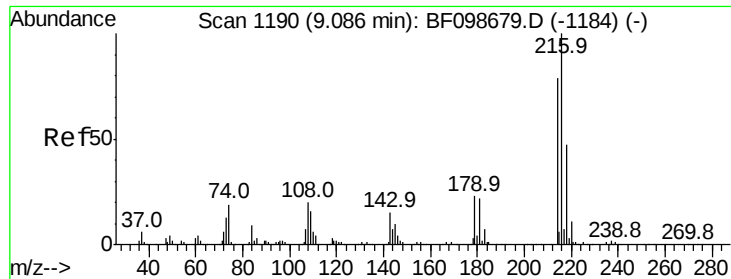
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.6	38.3	57.5





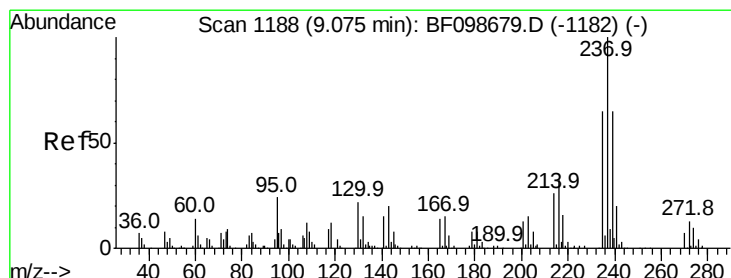
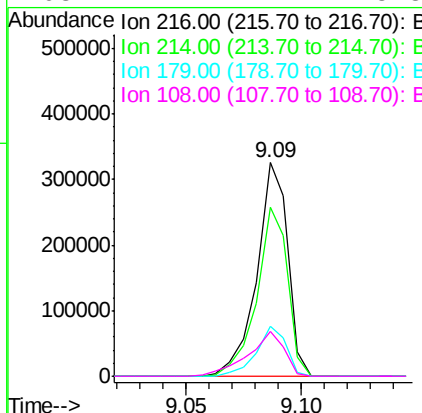
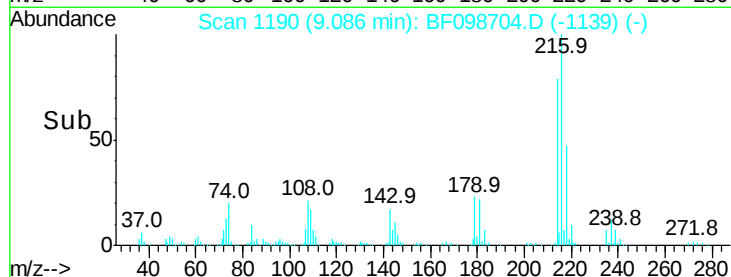
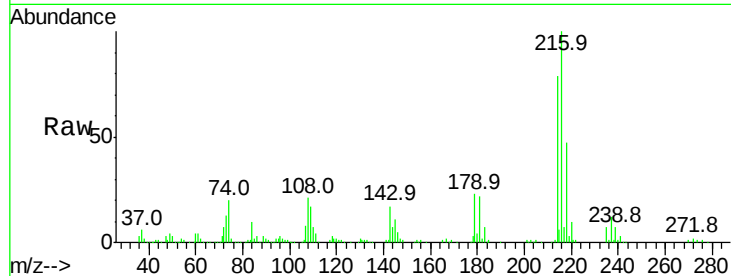
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.163 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.8	18.1	27.1
108	24.4	17.2	25.8

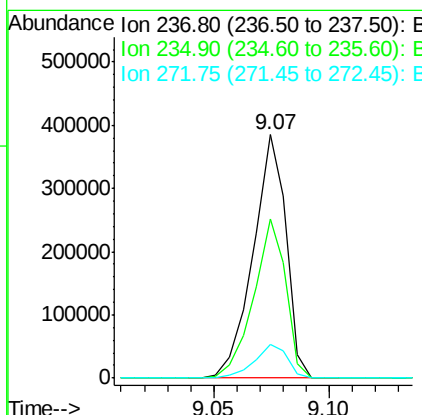
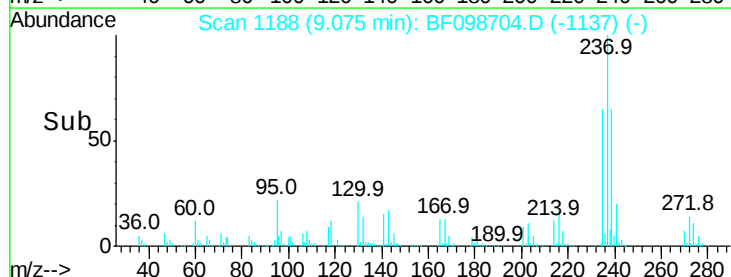
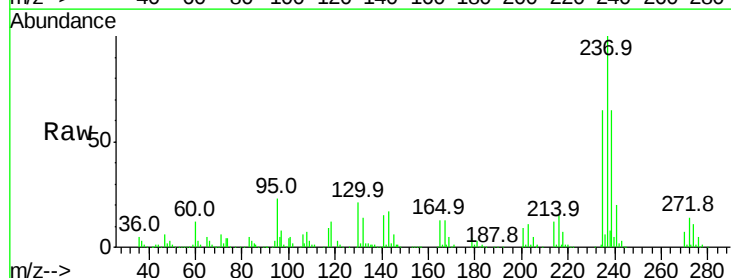
Manual Integrations
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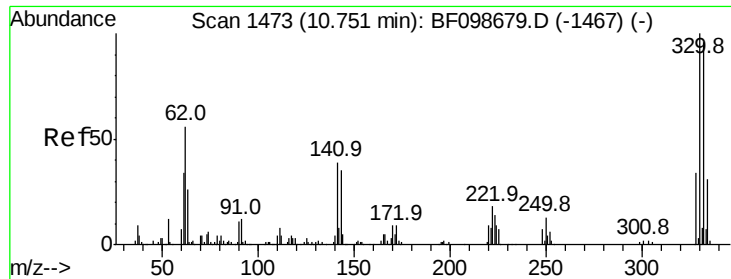
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#40
 Hexachlorocyclopentadiene
 Concen: 101.959 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.2	44.8	84.8
272	13.8	0.0	33.3





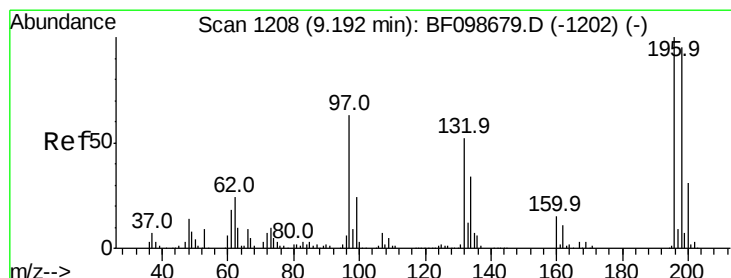
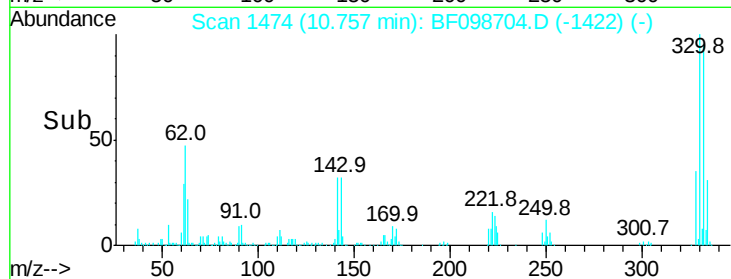
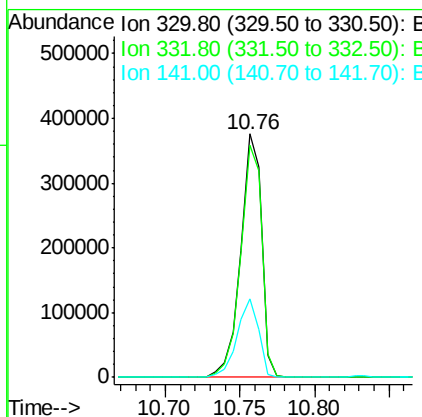
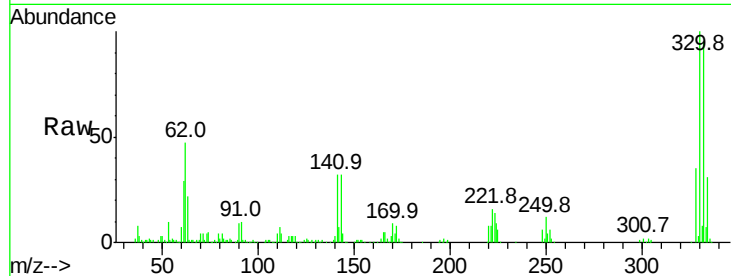
#41
 2,4,6-Tribromophenol
 Concen: 136.928 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	366927		
332	97.1	77.0	115.6	
141	33.8	29.9	44.9	

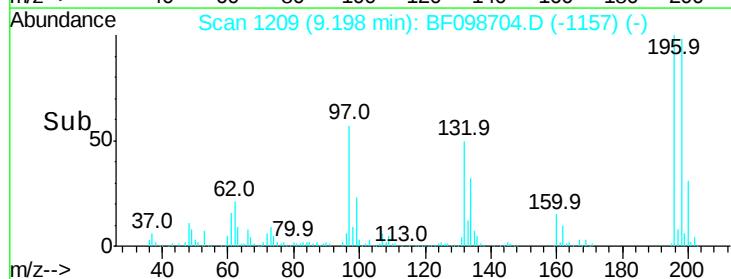
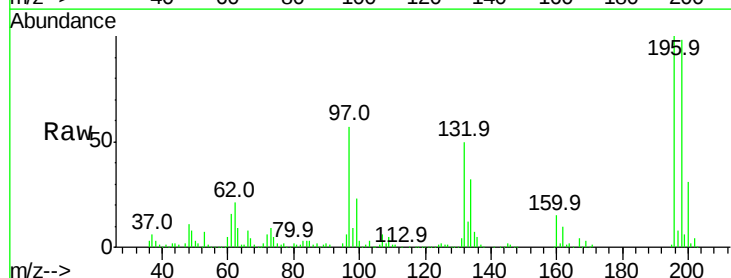
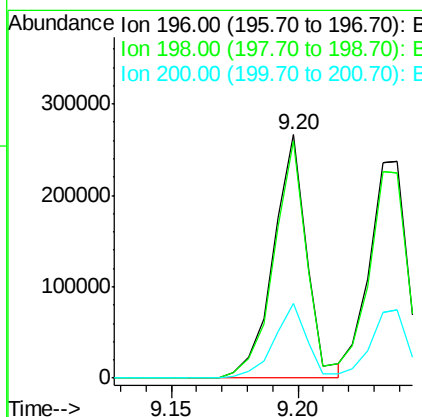
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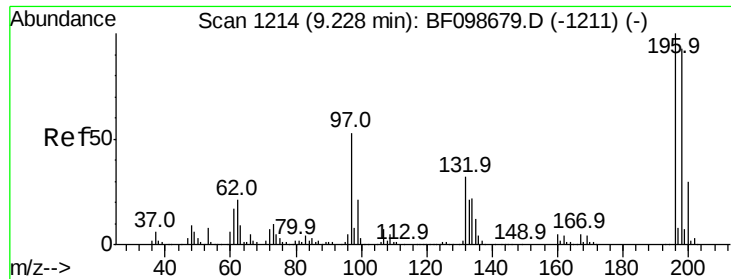
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#42
 2,4,6-Trichlorophenol
 Concen: 41.292 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241154		
198	97.7	75.7	113.5	
200	30.6	24.5	36.7	





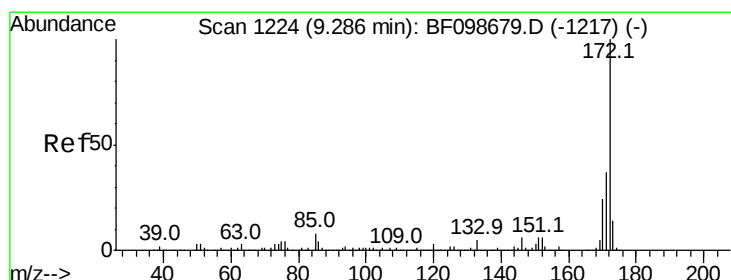
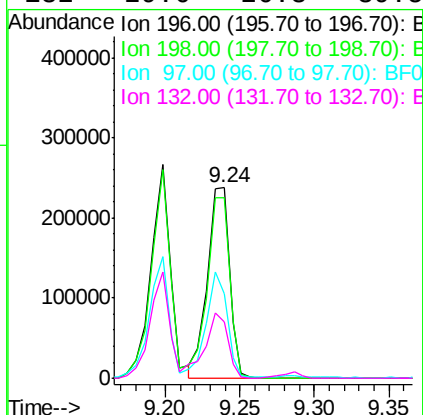
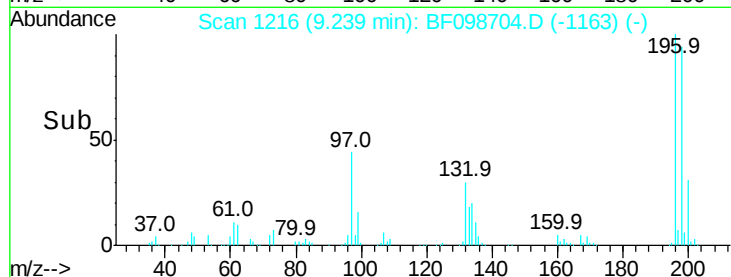
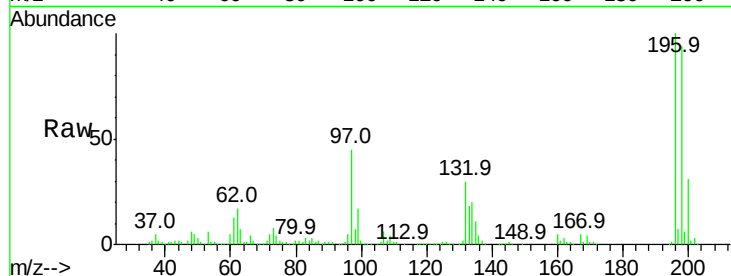
#43
 2,4,5-Trichlorophenol
 Concen: 41.204 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246750		
198	94.4	74.6	112.0	
97	44.7	42.9	64.3	
132	29.6	26.3	39.5	

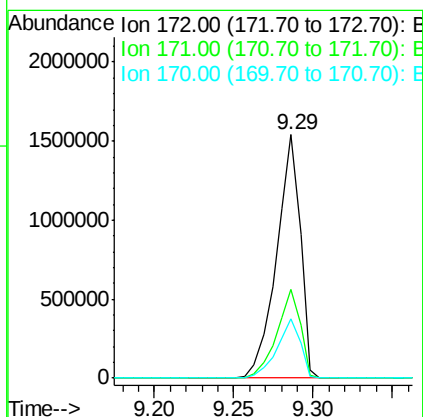
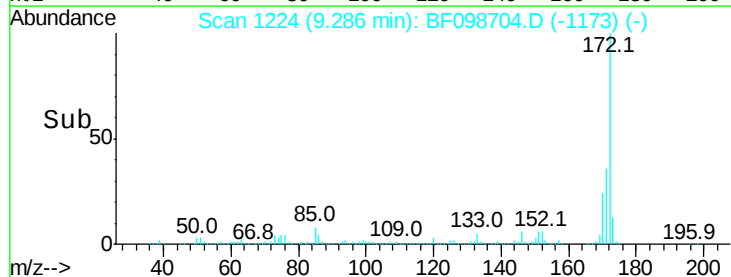
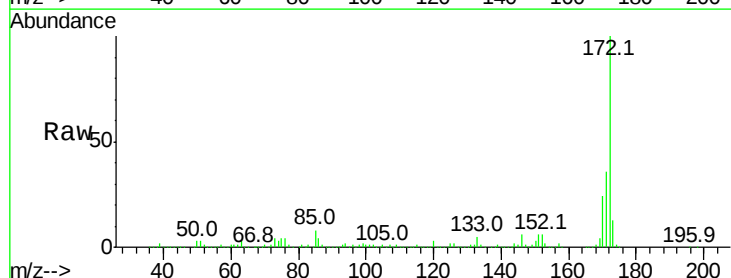
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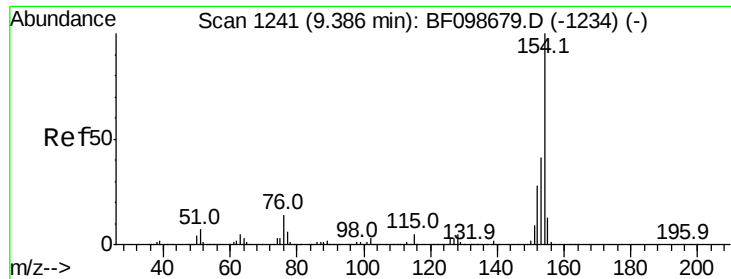
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#44
 2-Fluorobiphenyl
 Concen: 86.643 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1595444		
171	36.3	29.7	44.5	
170	24.4	19.6	29.4	





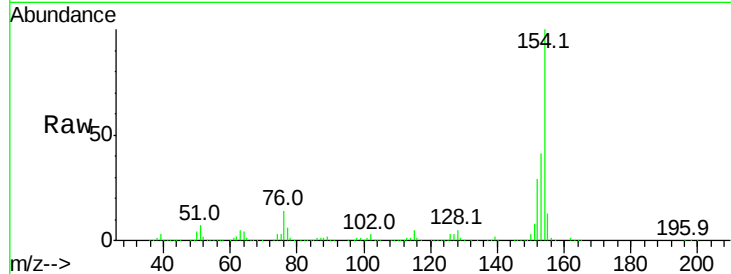
#45
 1,1'-Biphenyl
 Concen: 36.967 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampled :
 PB102532BS

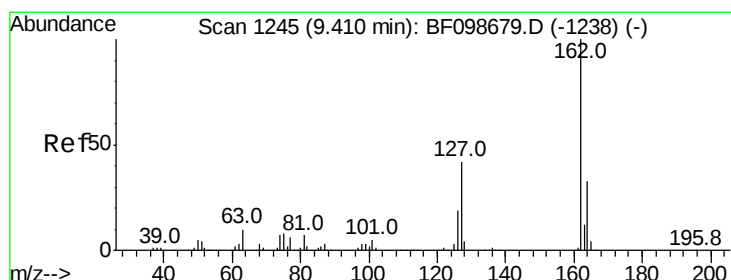
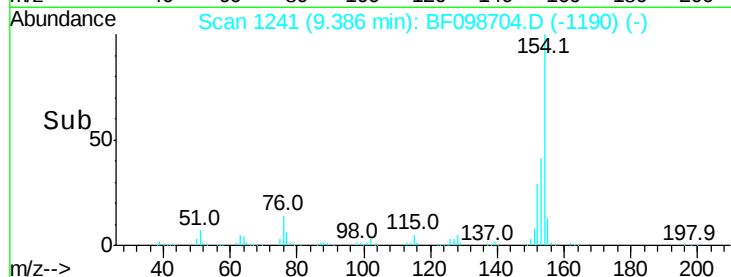
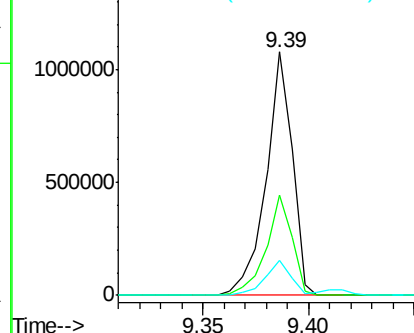
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	21.3	61.3
76	14.3	0.0	34.0

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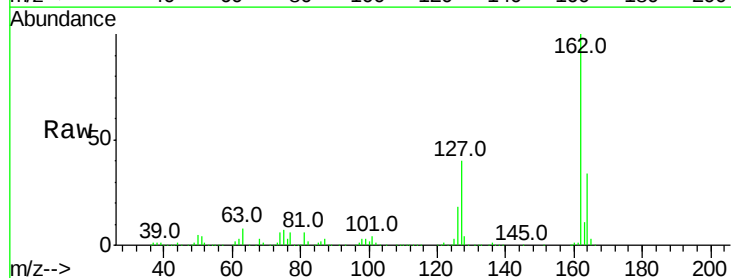


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

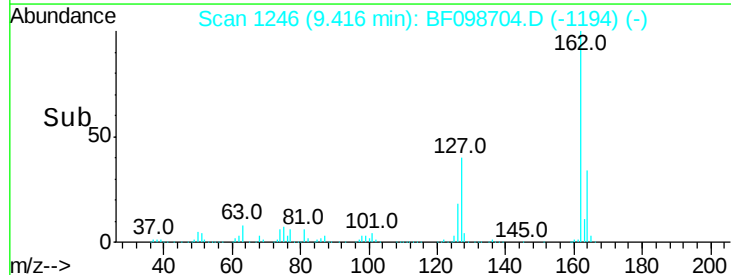
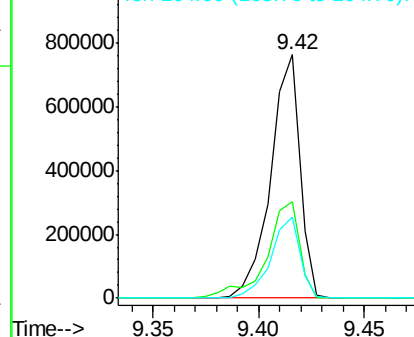


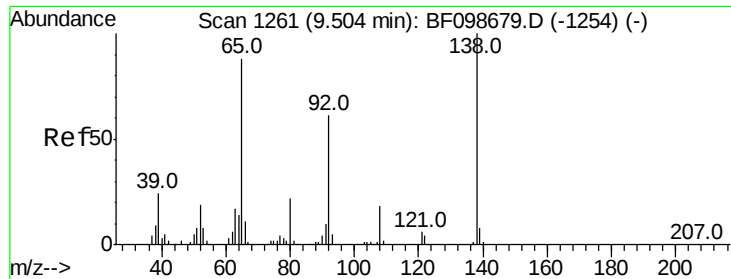
#46
 2-Chloronaphthalene
 Concen: 39.197 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.5	33.9	50.9
164	33.5	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.906 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

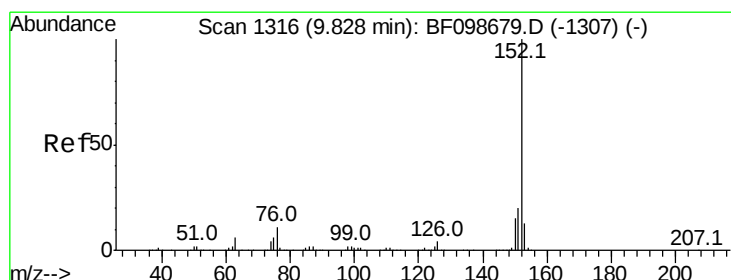
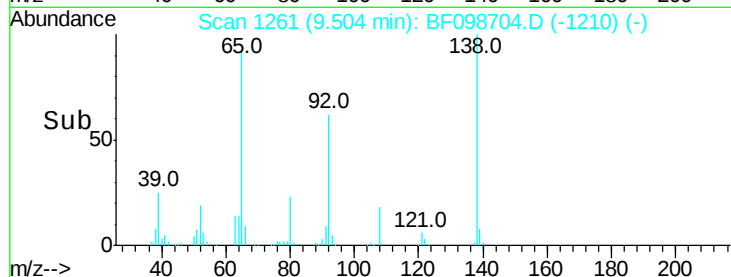
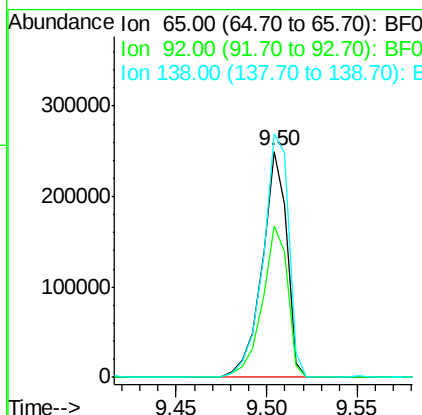
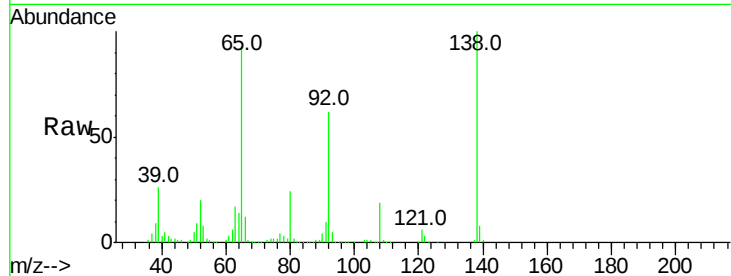
ClientSampleId :

PB102532BS

Tot Ion:	65	Resp:	238012
Ion Ratio	Lower	Upper	
65	100		
92	67.0	55.8	83.6
138	107.9	91.2	136.8

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#48

Acenaphthylene

Concen: 38.972 ng

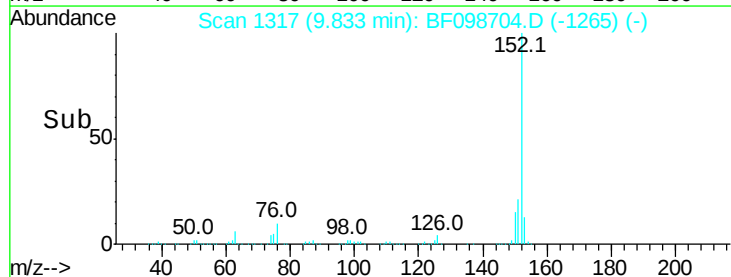
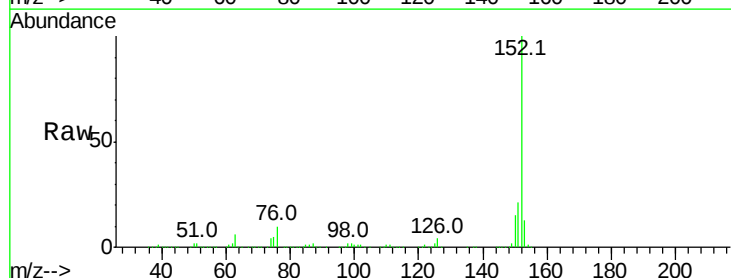
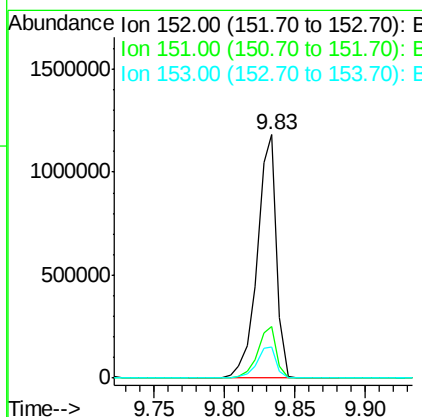
RT: 9.83 min Scan# 1317

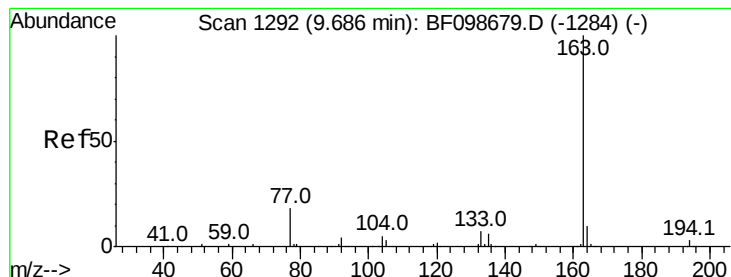
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	152	Resp:	1131526
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.0	10.7	16.1





#49

Dimethylphthalate

Concen: 39.343 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

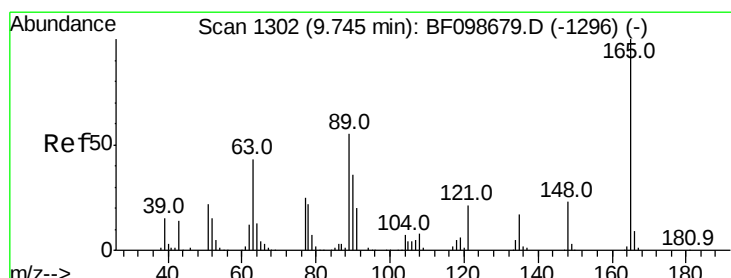
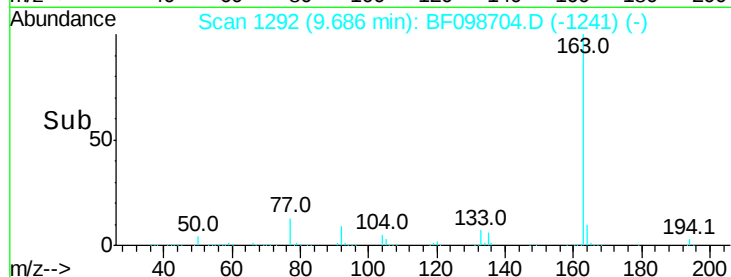
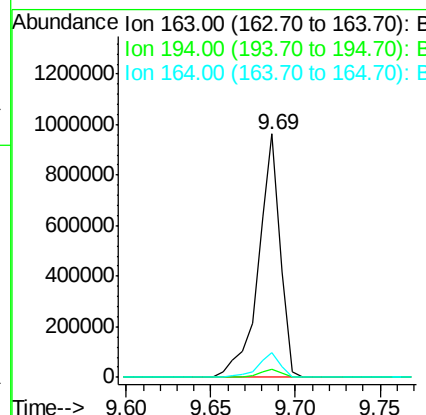
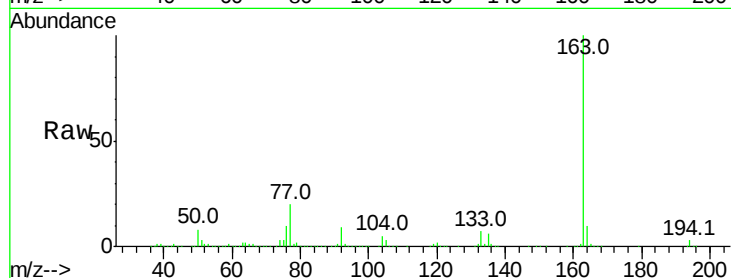
ClientSampleId :

PB102532BS

Tot Ion	163	Resp	864529
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 44.318 ng

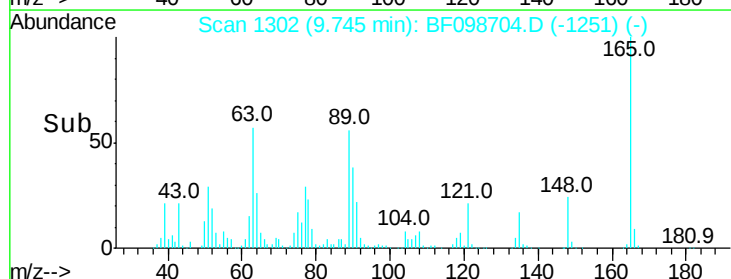
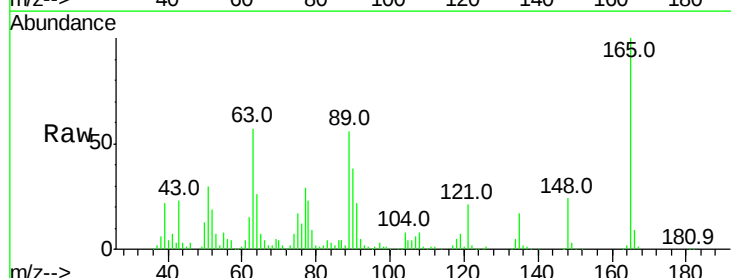
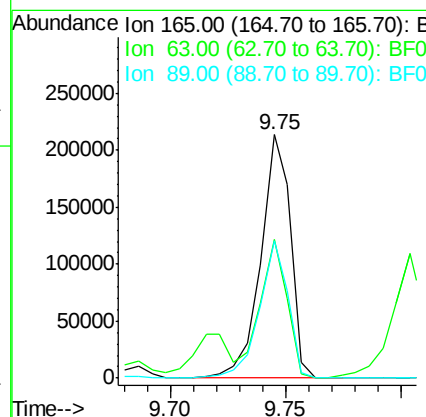
RT: 9.75 min Scan# 1302

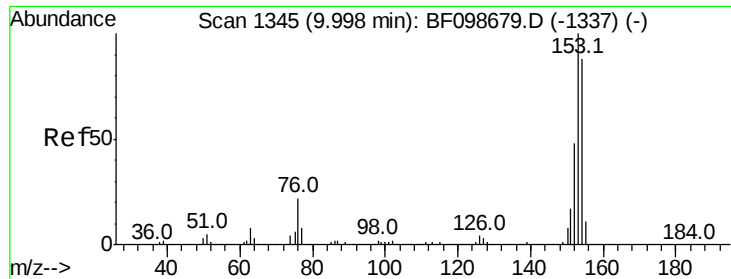
Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion	165	Resp	192167
Ion Ratio	Lower	Upper	
165	100		
63	57.0	44.7	67.1
89	56.2	44.0	66.0





#51

Acenaphthene

Concen: 42.352 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

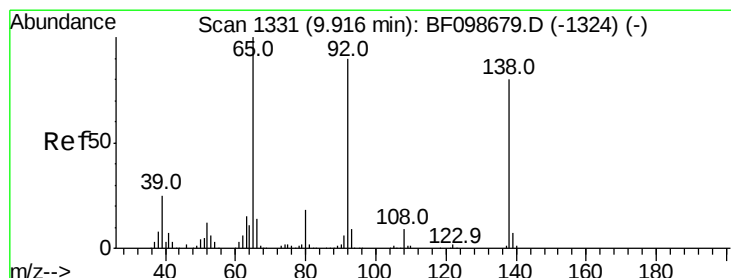
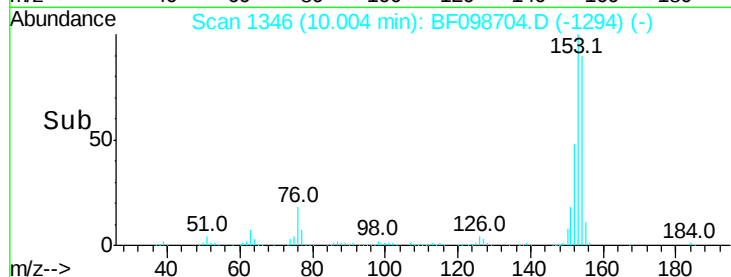
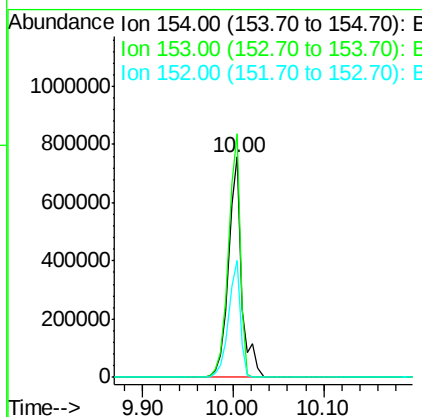
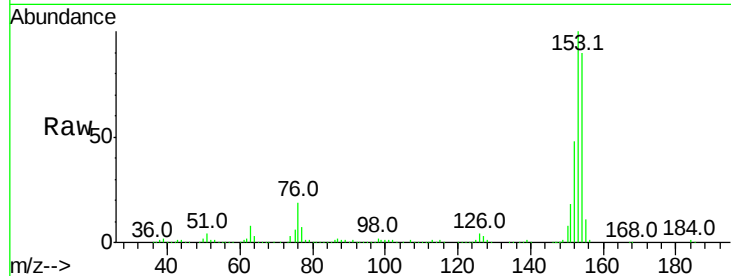
ClientSampled :

PB102532BS

Tot Ion:	154	Resp:	763261
Ion Ratio	Lower	Upper	
154	100		
153	110.7	91.2	136.8
152	53.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 31.568 ng

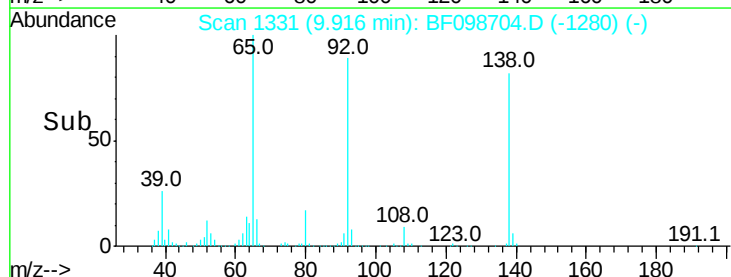
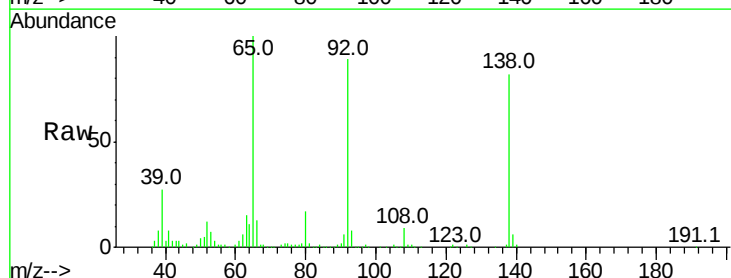
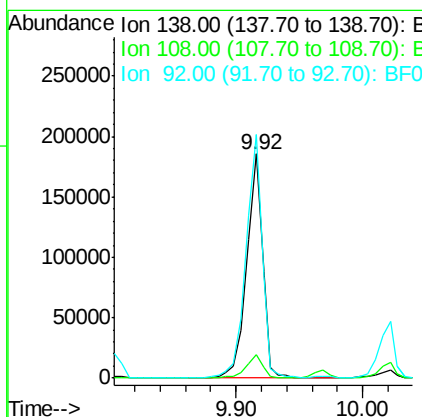
RT: 9.92 min Scan# 1331

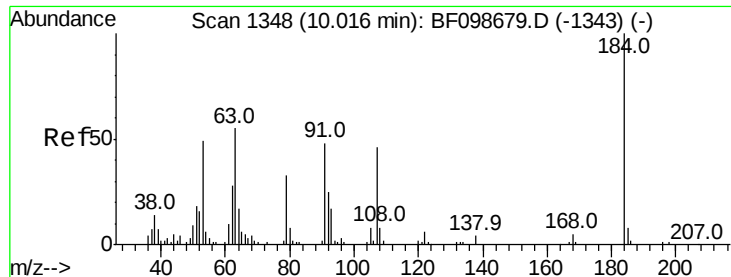
Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	138	Resp:	163175
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	108.8	89.4	134.2





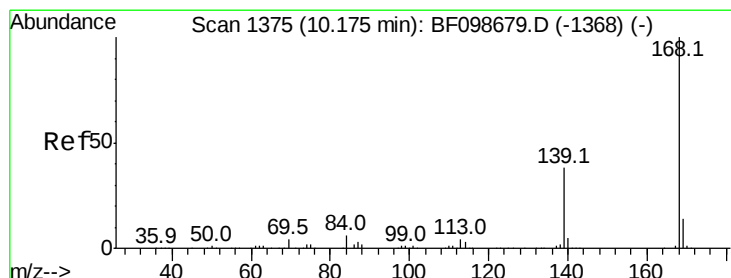
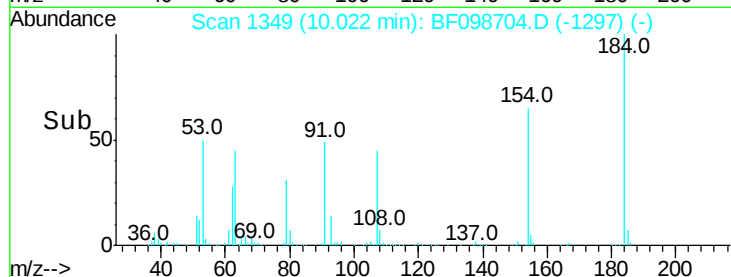
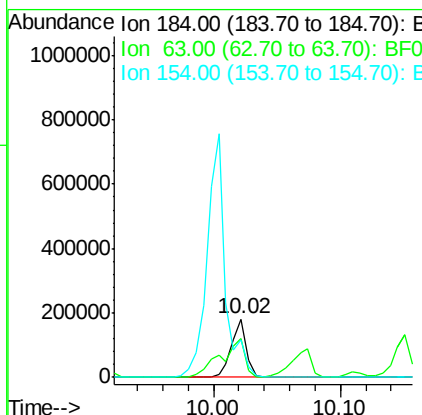
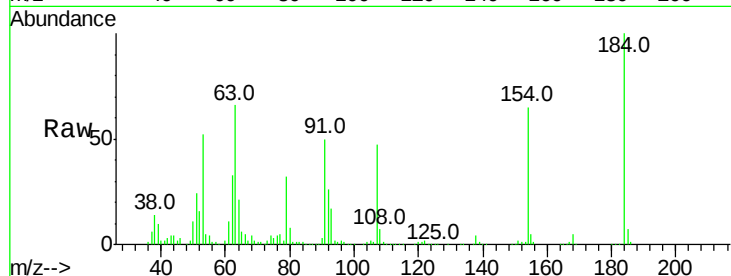
#53
 2,4-Dinitrophenol
 Concen: 77.644 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampled :
 PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	146163		
63	66.1	54.2	81.2	
154	65.0	53.5	80.3	

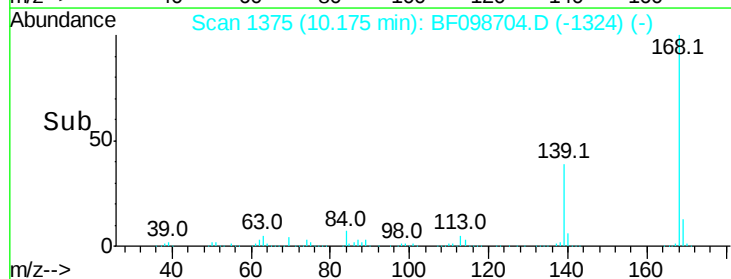
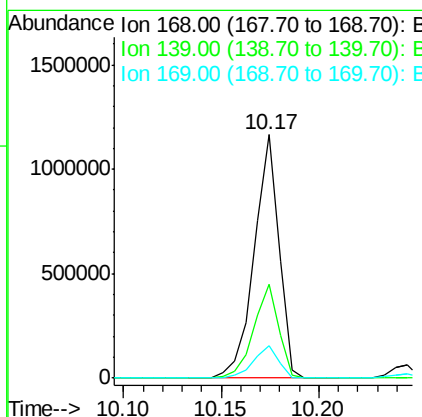
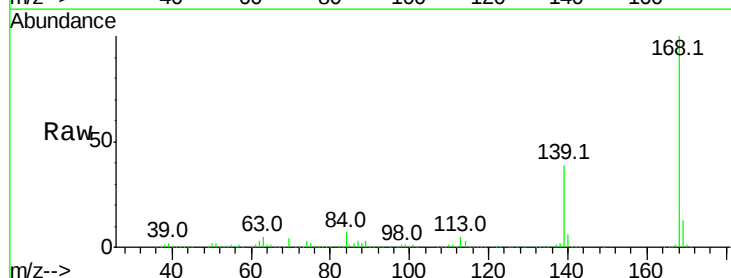
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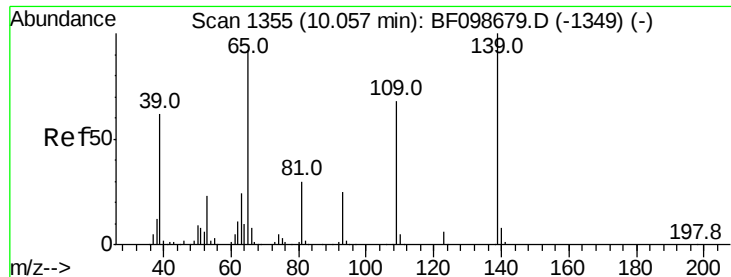
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#54
 Dibenzofuran
 Concen: 41.575 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1023100		
139	38.5	30.1	45.1	
169	13.5	10.9	16.3	





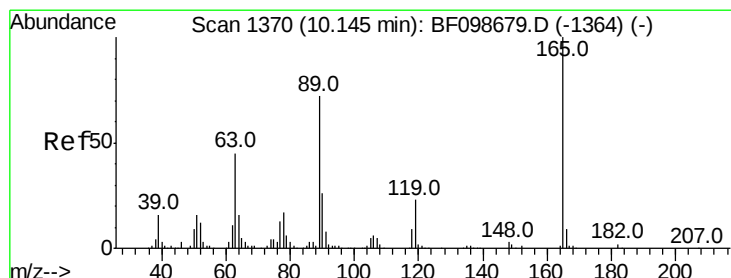
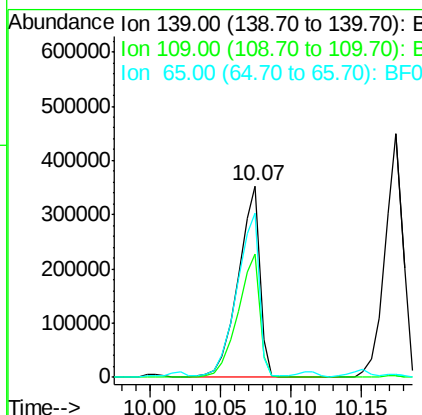
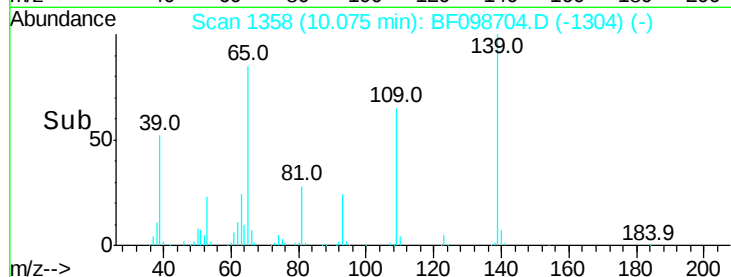
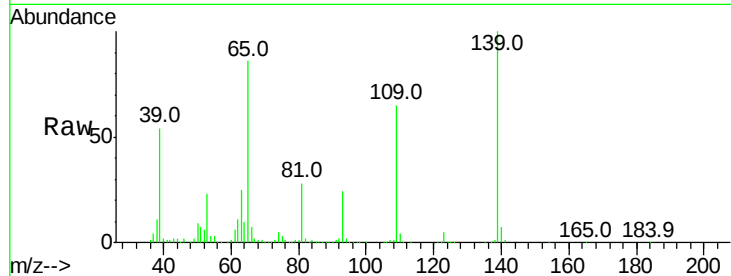
#55
4-Nitrophenol
Concen: 83.190 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	374189		
109	64.7	48.4	88.4	
65	85.5	72.6	112.6	

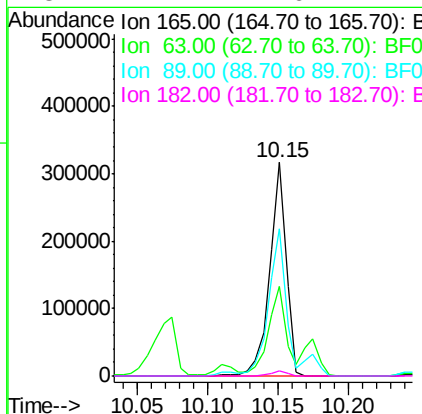
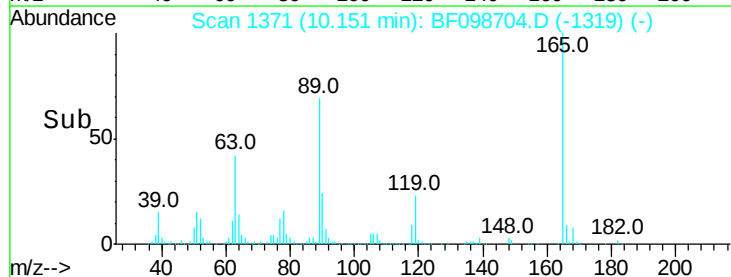
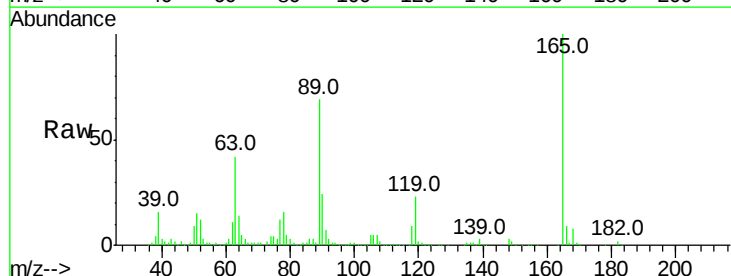
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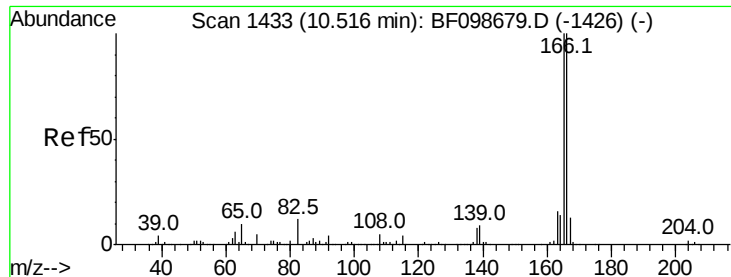
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#56
2,4-Dinitrotoluene
Concen: 45.364 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264250		
63	42.2	36.4	54.6	
89	68.7	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 39.656 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

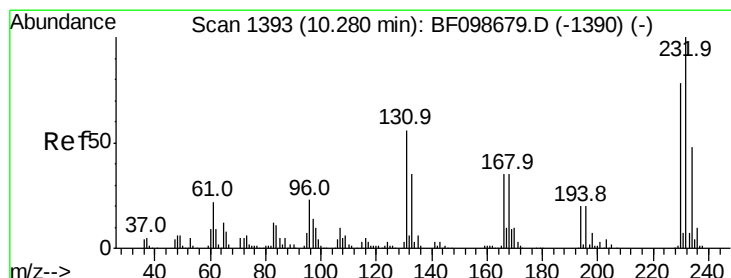
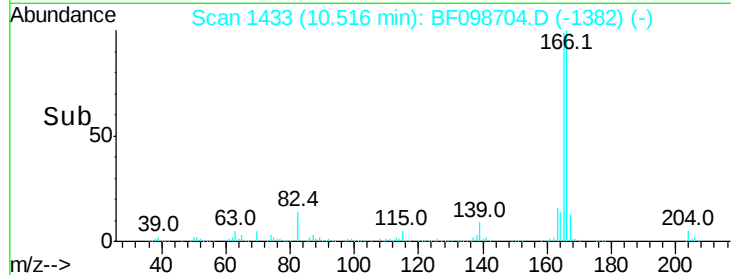
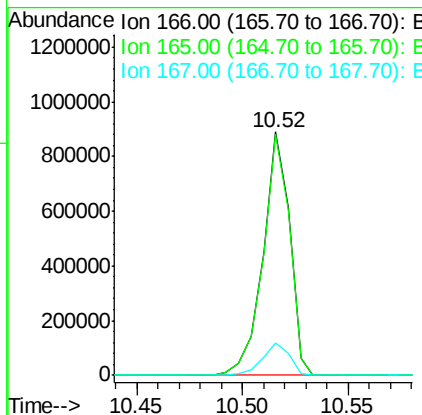
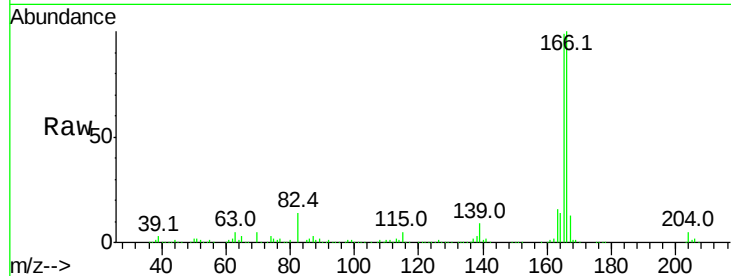
ClientSampleId :

PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.8	
167	13.4	10.6	16.0	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.463 ng

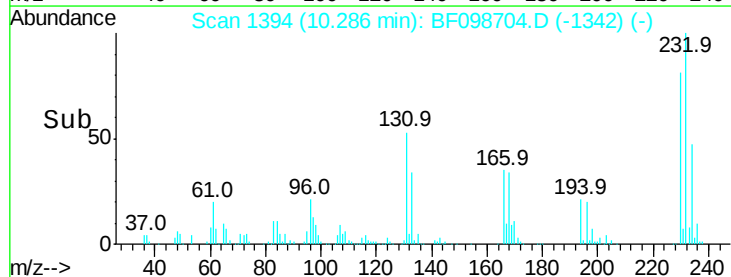
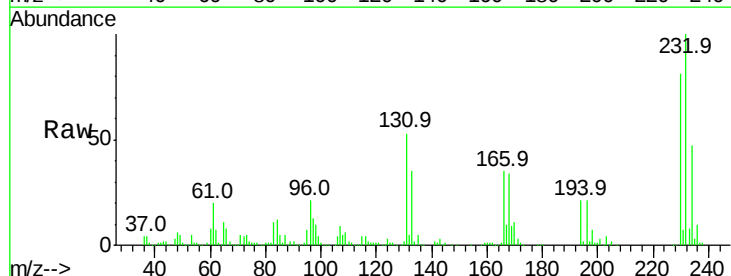
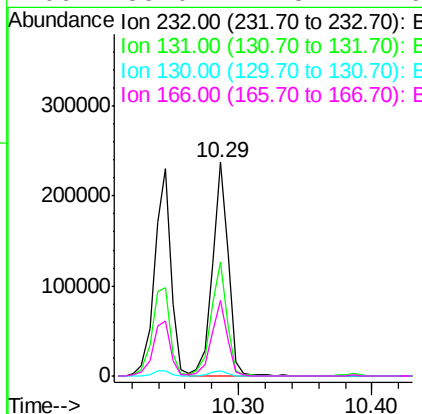
RT: 10.29 min Scan# 1394

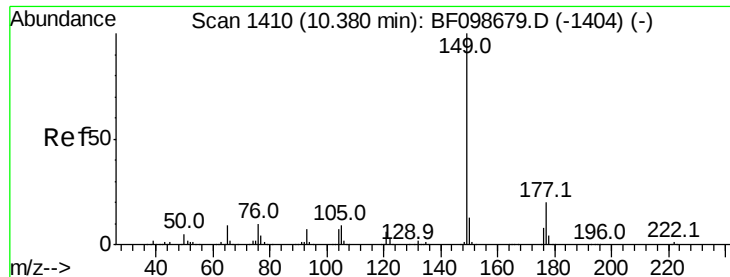
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.4	43.8	65.8	
130	2.6	2.1	3.1	
166	35.0	27.8	41.6	





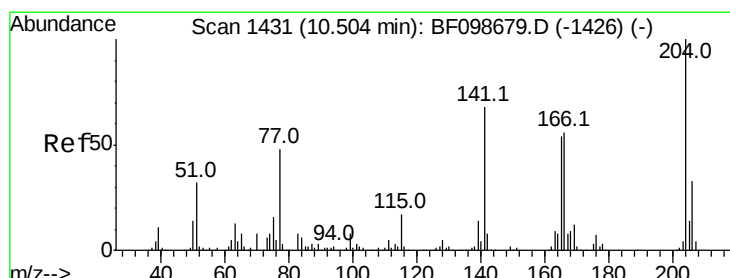
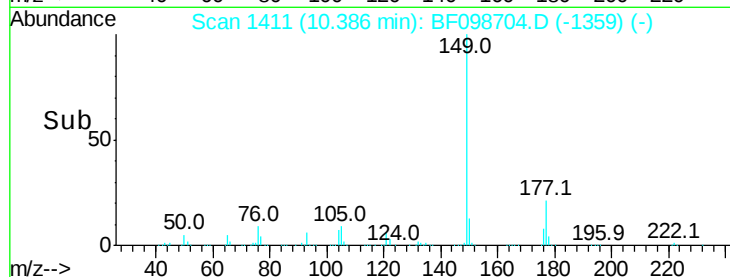
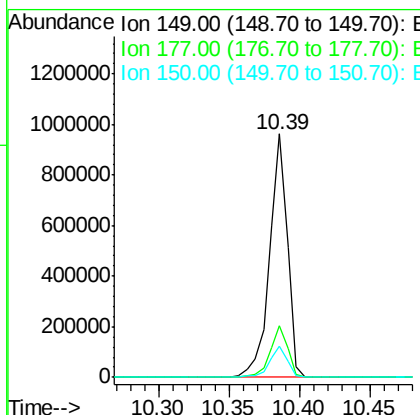
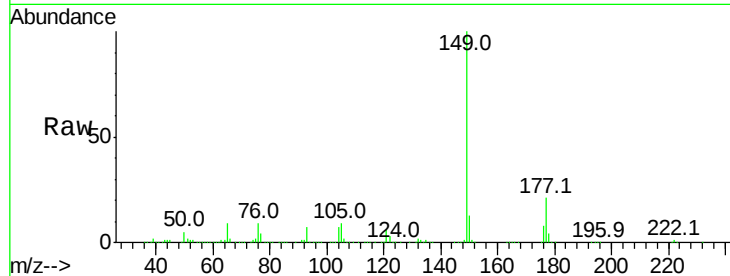
#59
Diethylphthalate
Concen: 39.735 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	855646		
177	21.0	16.1	24.1	
150	12.6	10.1	15.1	

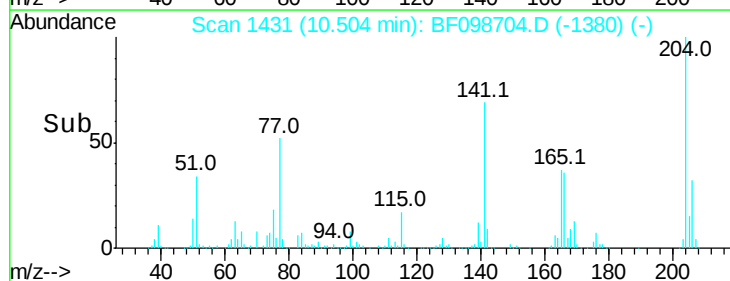
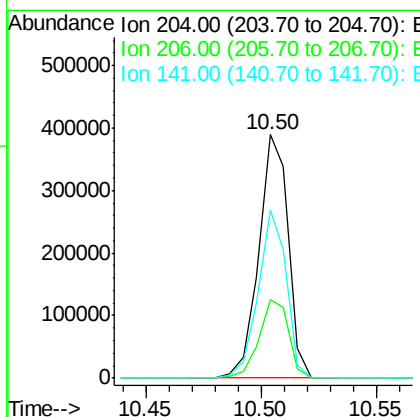
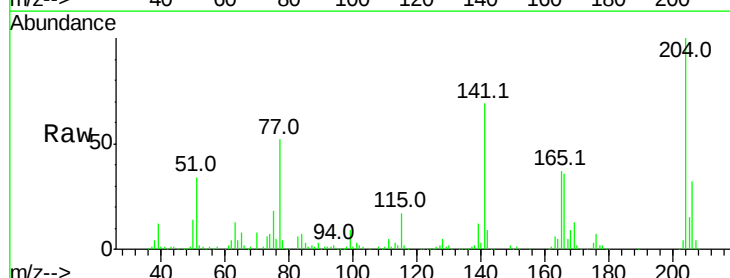
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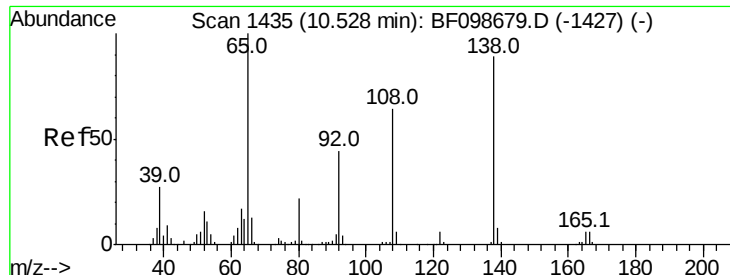
Sohil
9/25/2017 6:21:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.863 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345416		
206	32.4	26.5	39.7	
141	69.2	54.6	81.8	





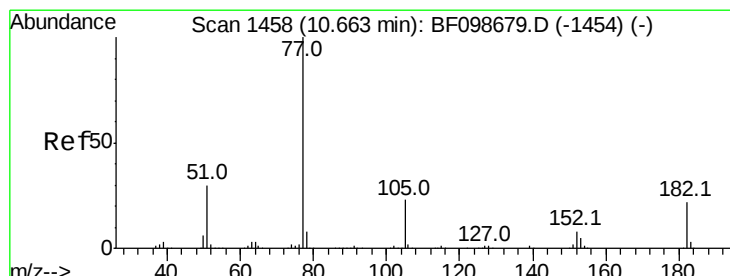
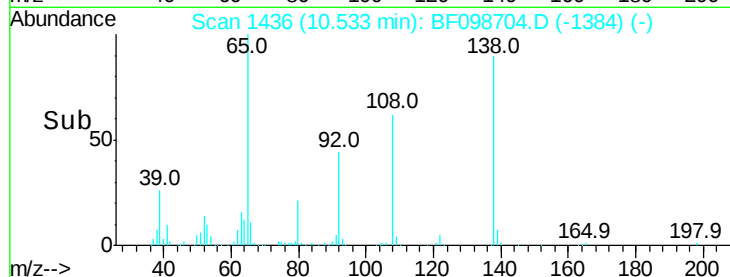
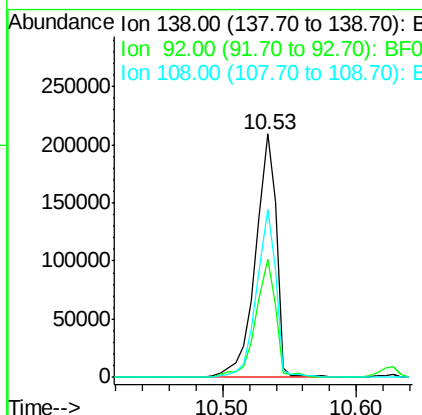
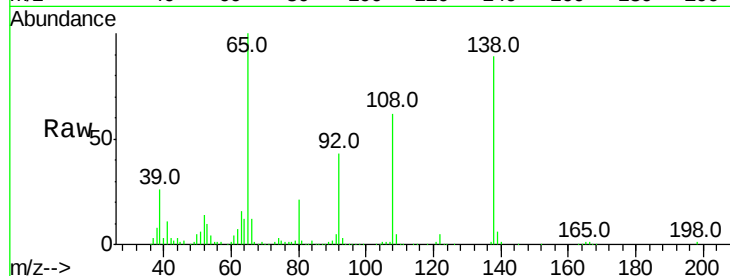
#61
4-Nitroaniline
Concen: 44.884 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampled :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	222509		
92	48.4	30.2	70.2	
108	69.3	52.5	92.5	

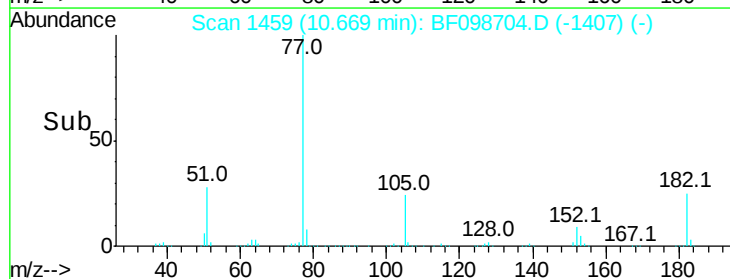
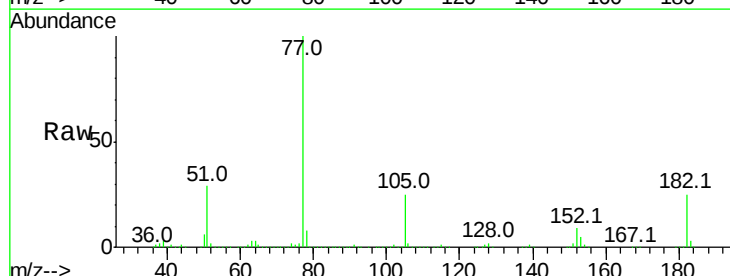
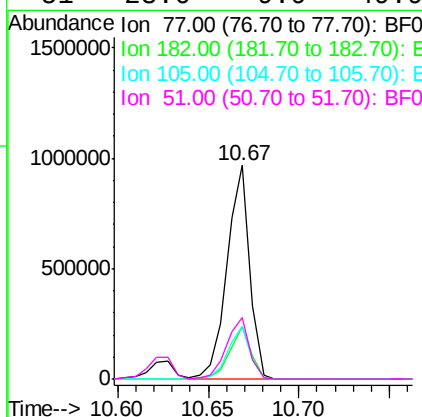
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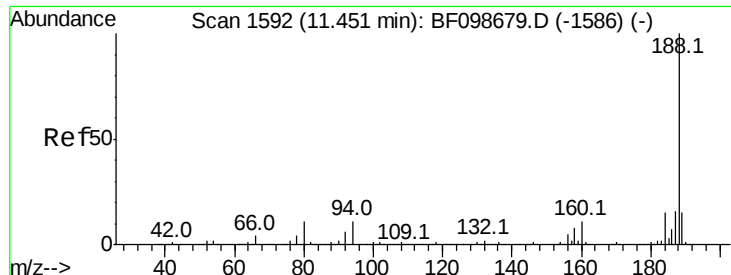
Sohil
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#62
Azobenzene
Concen: 41.751 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	840837		
182	24.5	1.7	41.7	
105	24.7	3.0	43.0	
51	28.6	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

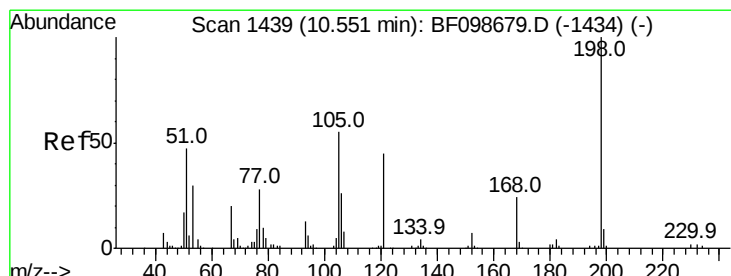
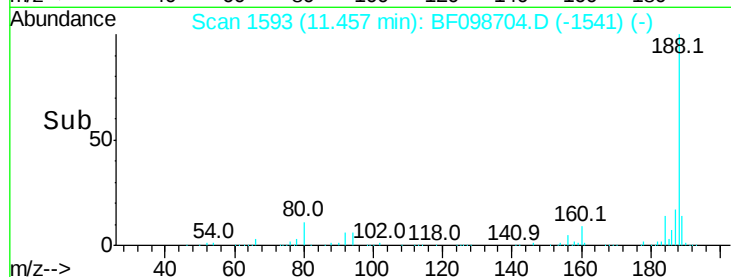
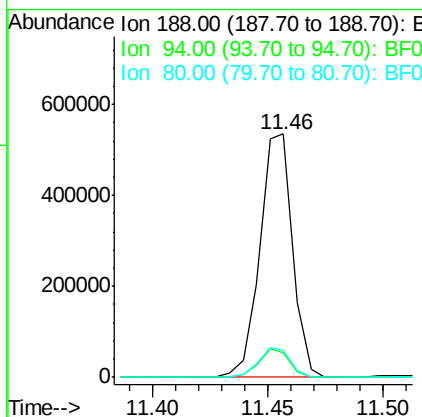
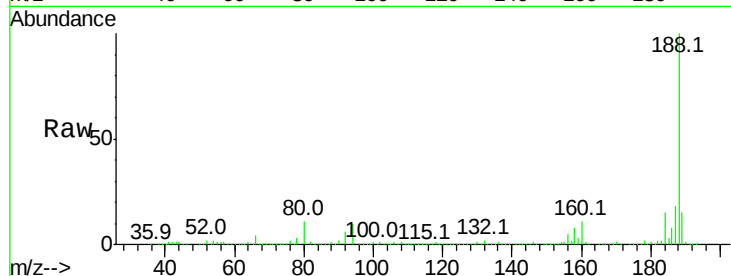
ClientSampleId :

PB102532BS

Tot Ion:	188	Resp:	526201
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 42.528 ng

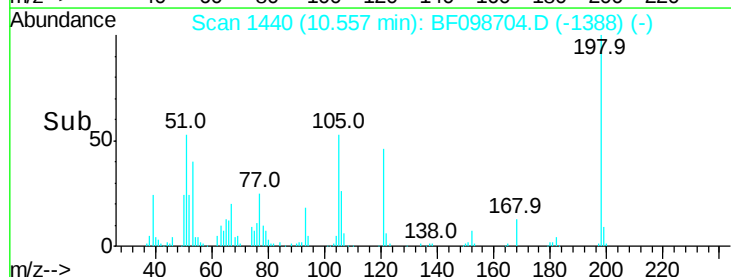
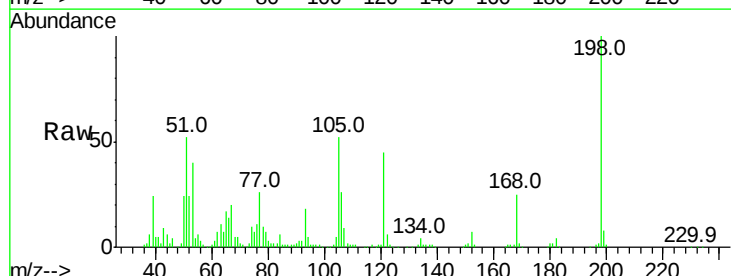
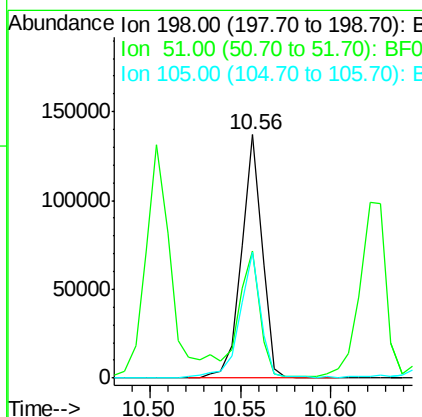
RT: 10.56 min Scan# 1440

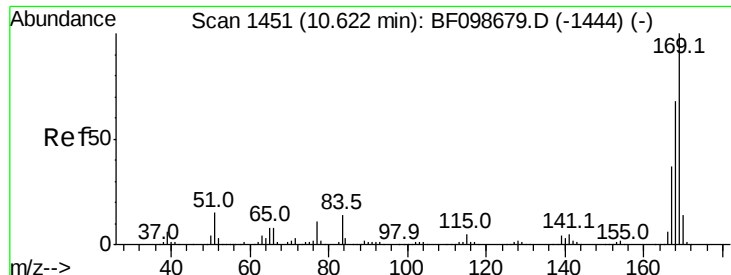
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	198	Resp:	108312
Ion Ratio	Lower	Upper	
198	100		
51	52.3	37.7	77.7
105	51.7	36.3	76.3





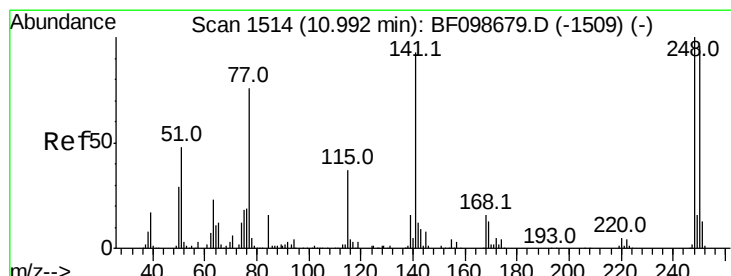
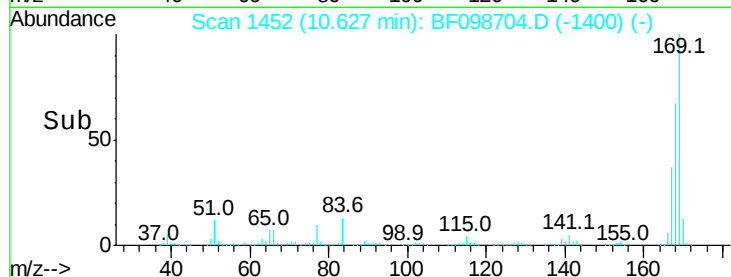
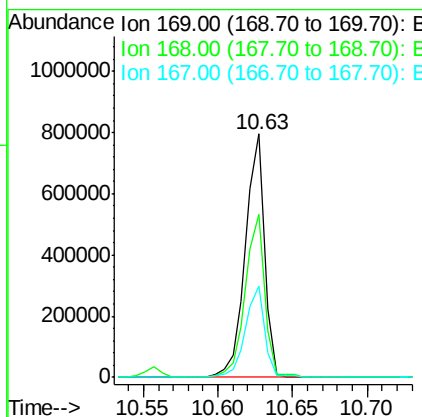
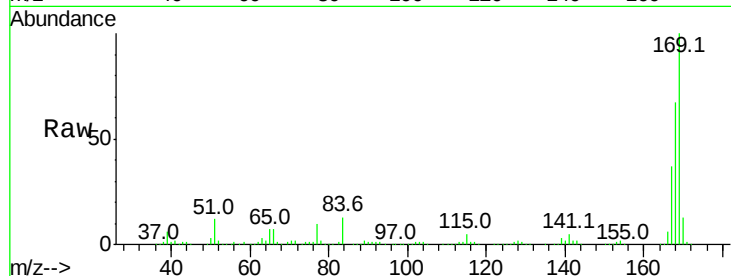
#65
n-Nitrosodiphenylamine
Concen: 39.139 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	54.4	81.6	
167	37.2	29.8	44.6	

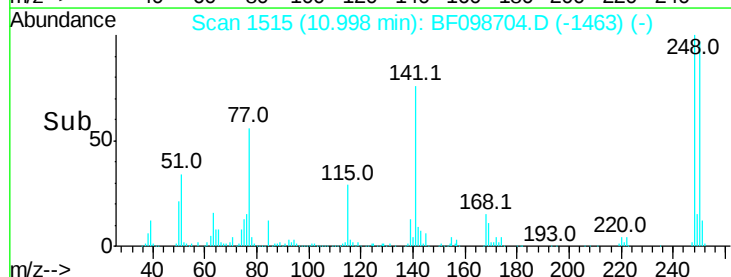
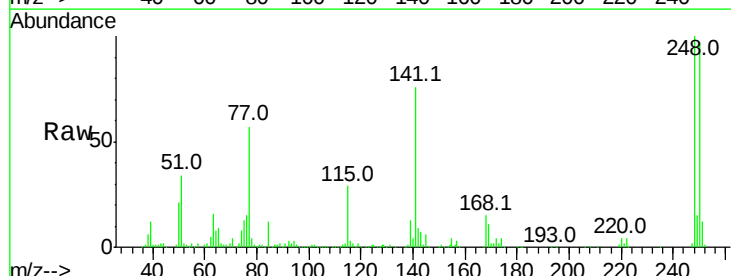
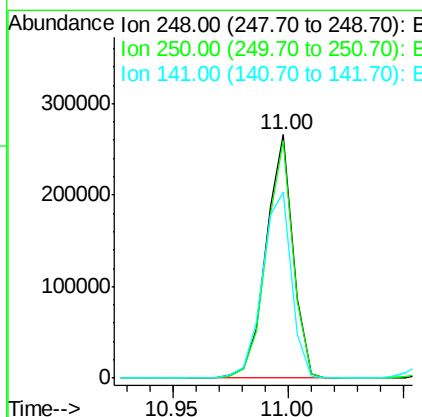
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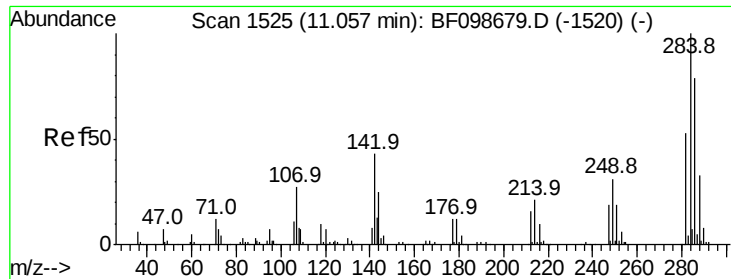
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 40.592 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	76.9	115.3	
141	76.3	74.4	111.6	





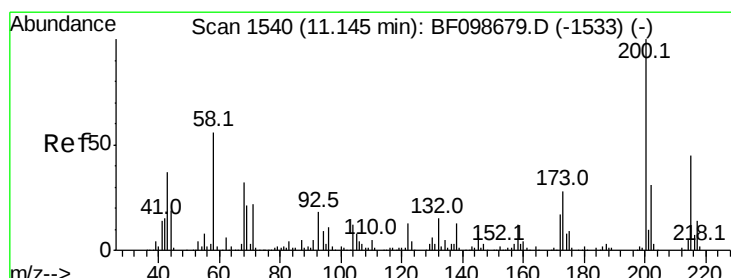
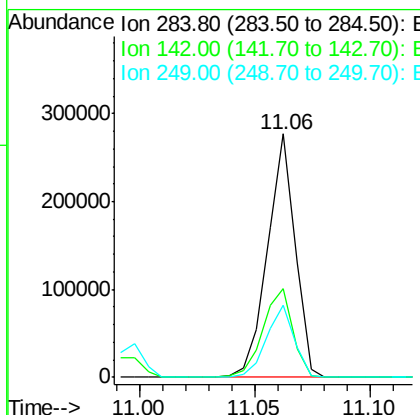
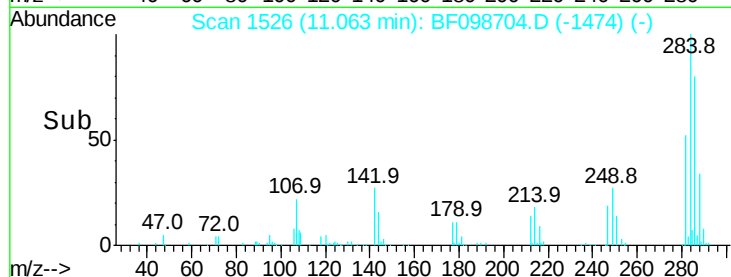
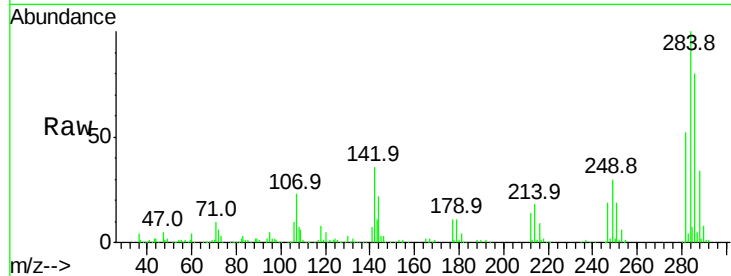
#67
Hexachlorobenzene
Concen: 38.131 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.3	34.6	52.0	
249	29.5	24.8	37.2	

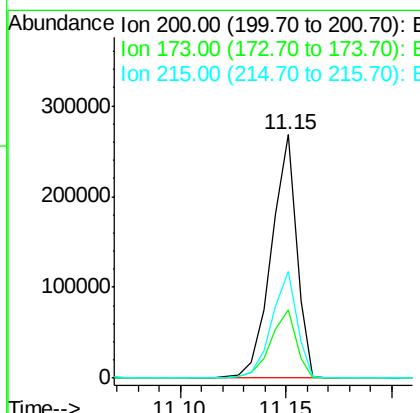
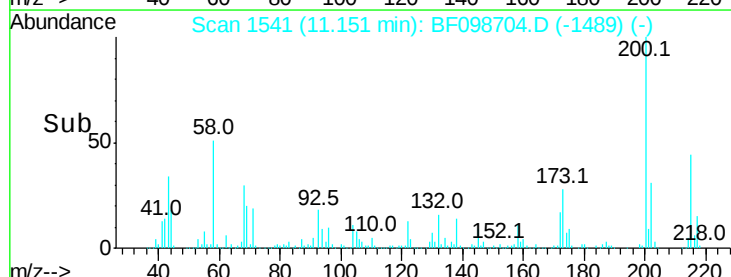
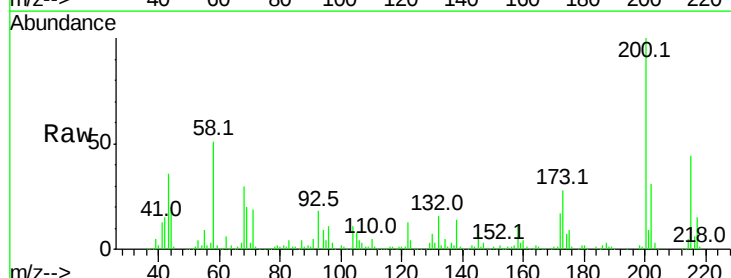
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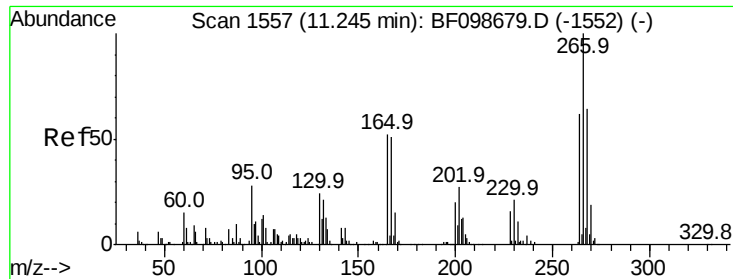
Sohil
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#68
Atrazine
Concen: 41.018 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	8.6	48.6	
215	44.0	25.1	65.1	





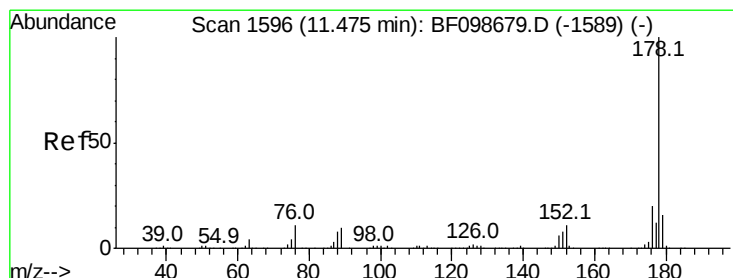
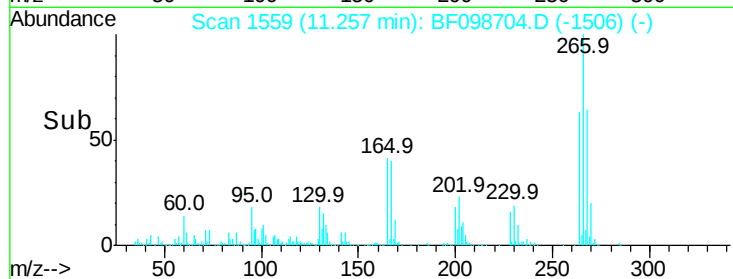
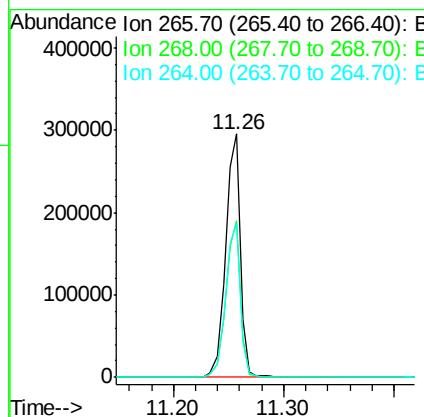
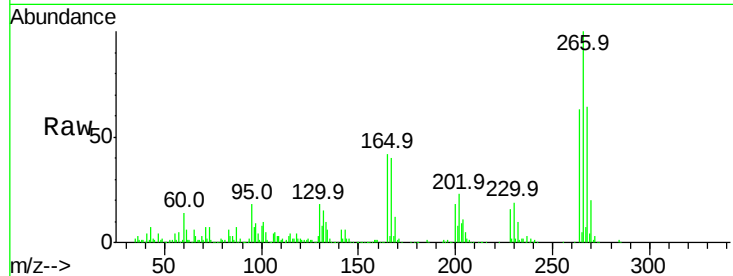
#69
 Pentachlorophenol
 Concen: 80.077 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	277099		
268	64.5	51.1	76.7	
264	63.3	49.5	74.3	

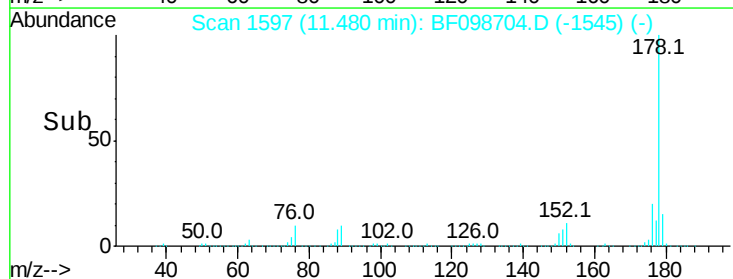
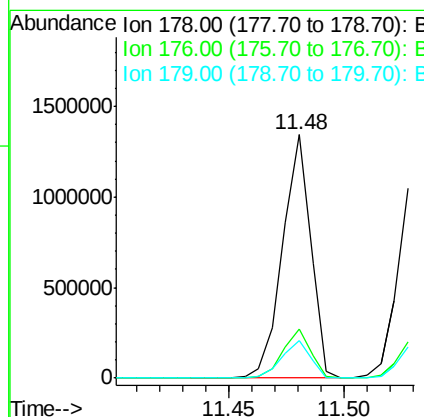
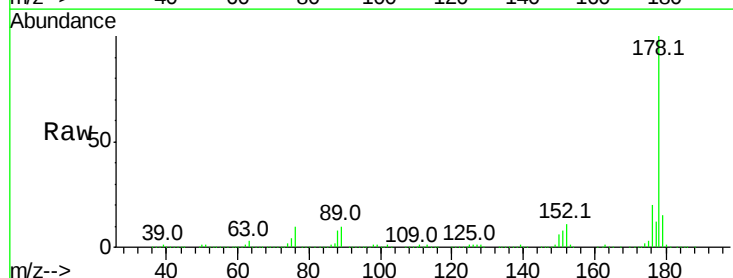
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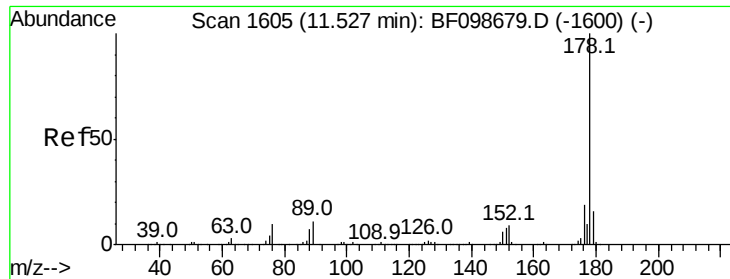
Sohil
 9/25/2017 6:21:12 PM



#70
 Phenanthrene
 Concen: 39.814 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1136487		
176	20.0	15.8	23.8	
179	15.5	13.0	19.6	





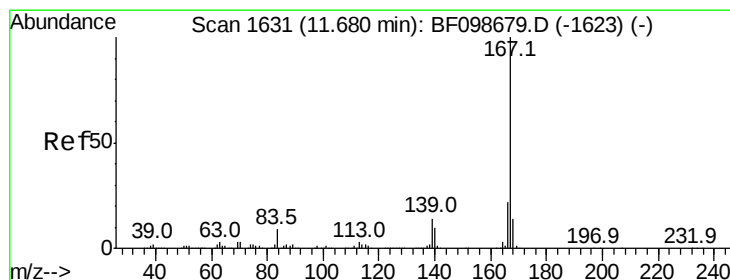
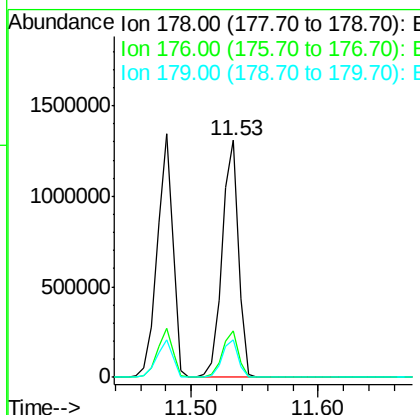
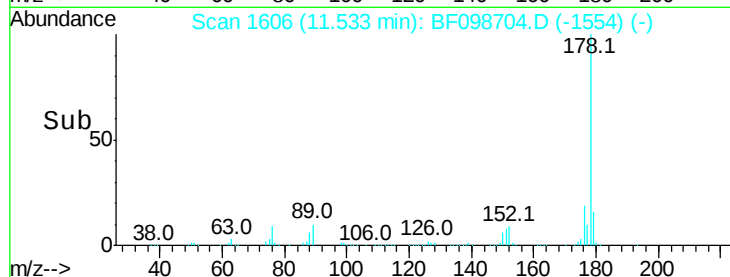
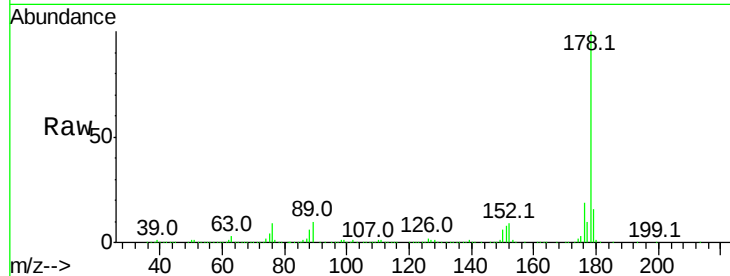
#71
 Anthracene
 Concen: 40.587 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion:178 Resp: 1181318
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.6 12.6 19.0

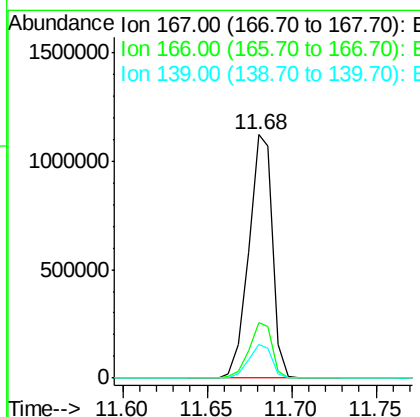
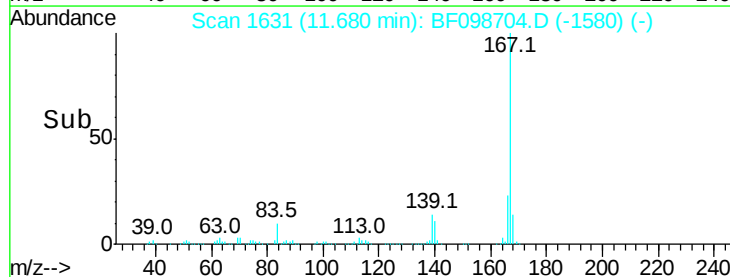
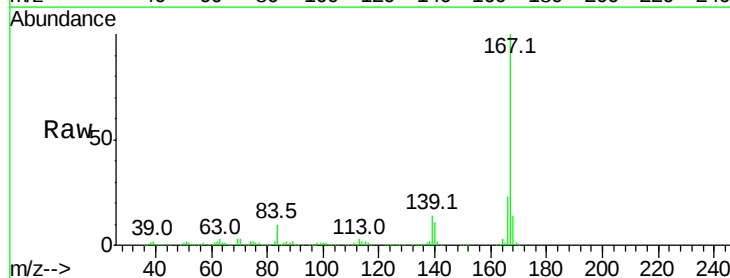
Manual Integrations
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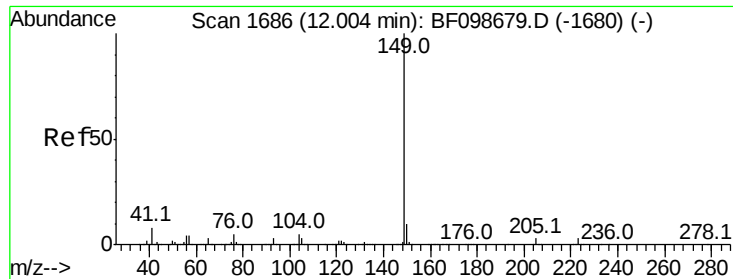
Sohil
 9/25/2017 6:21:12 PM



#72
 Carbazole
 Concen: 38.790 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion:167 Resp: 1103196
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3





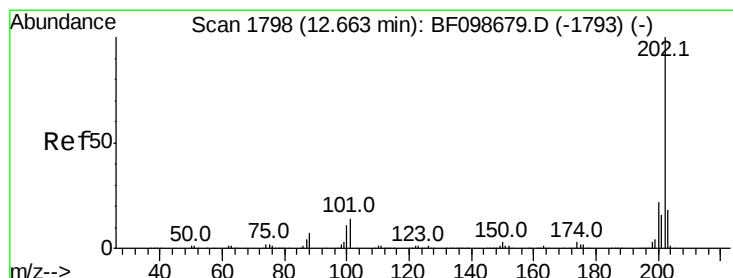
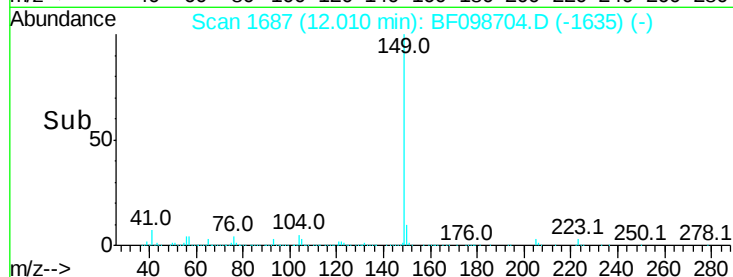
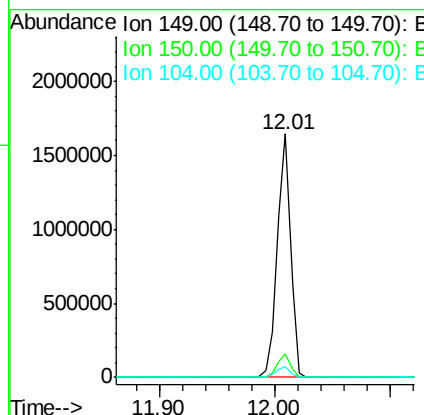
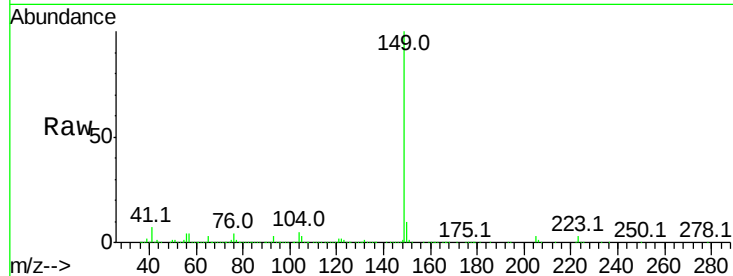
#73
Di-n-butylphthalate
Concen: 40.155 ng
RT: 12.01 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

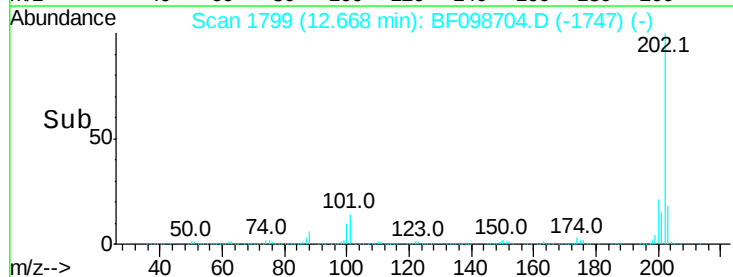
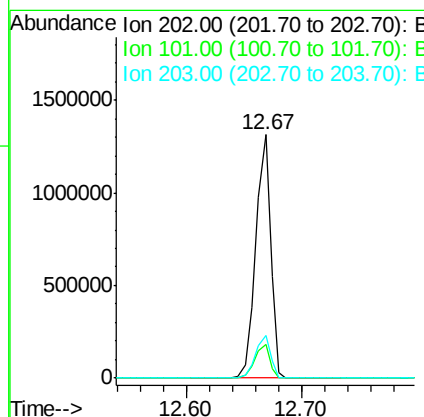
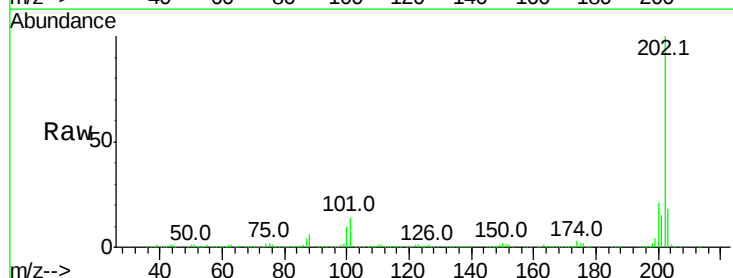
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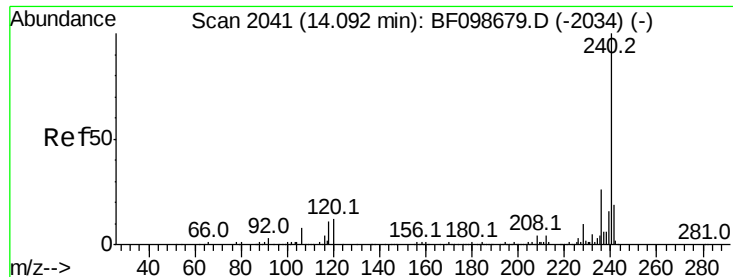
Sohil
9/25/2017 6:21:12 PM



#74
Fluoranthene
Concen: 41.471 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

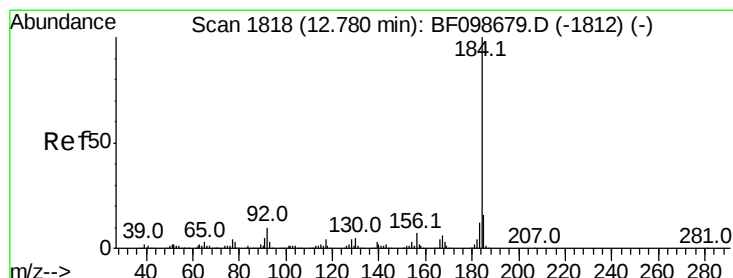
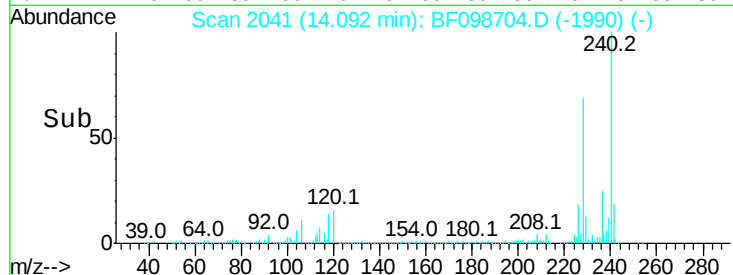
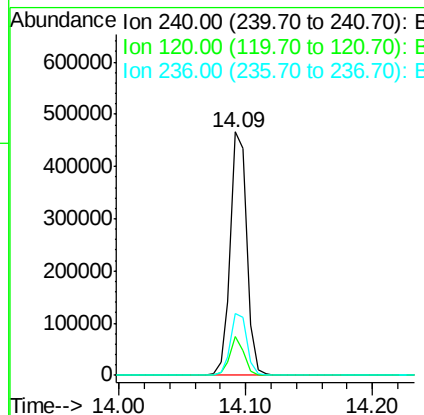
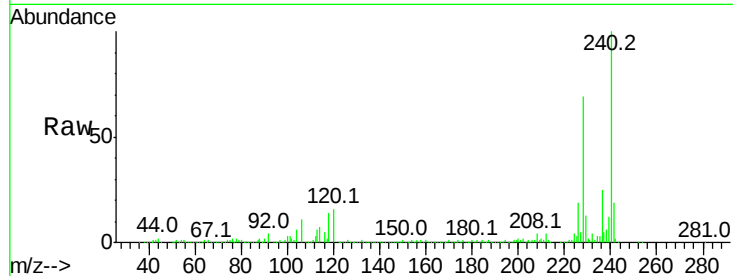
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	16.0	9.5	14.3#	
236	25.3	20.7	31.1	

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#76

Benzidine

Concen: 20.524 ng

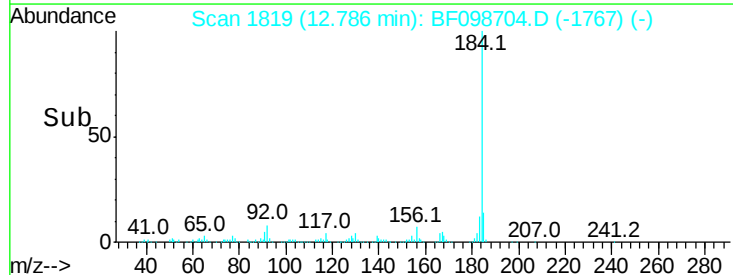
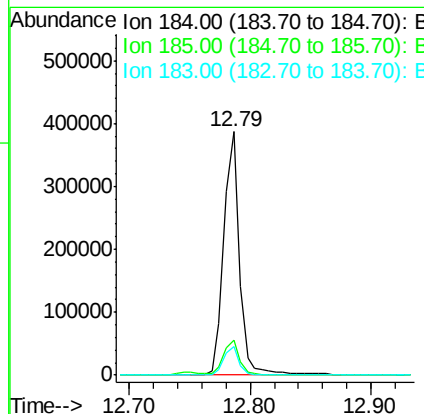
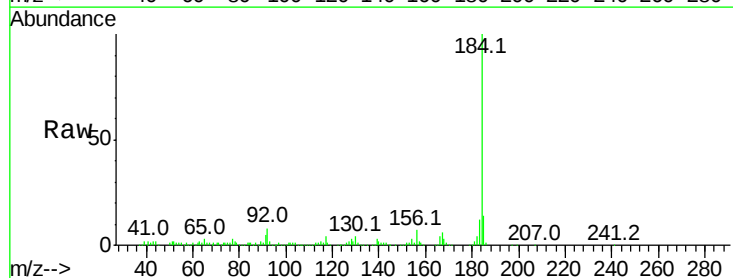
RT: 12.79 min Scan# 1819

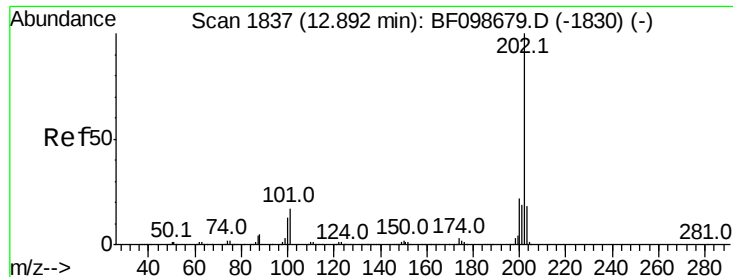
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	12.6	18.8	
183	11.6	9.3	13.9	





#77

Pvrene

Concen: 38.898 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

ClientSampleId :

PB102532BS

Tot Ion:202 Resp: 1211438

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

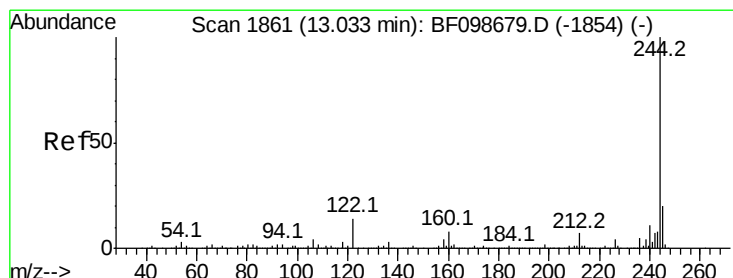
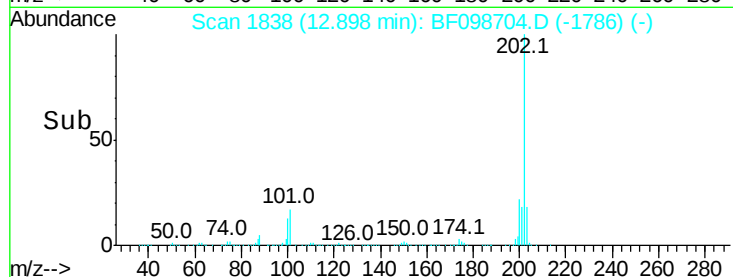
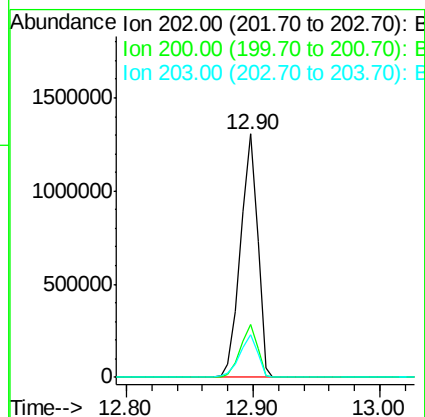
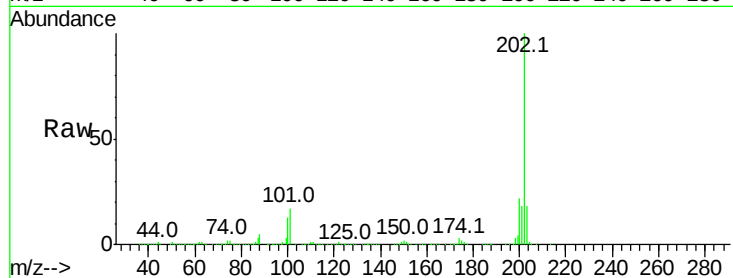
203 17.7 14.3 21.5

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#78

Terphenyl-d14

Concen: 76.890 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

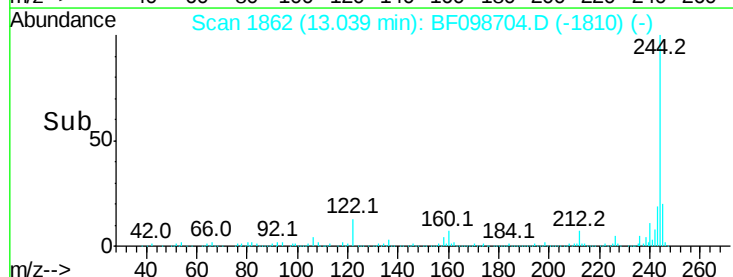
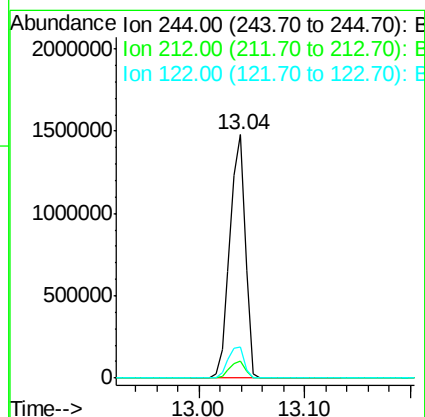
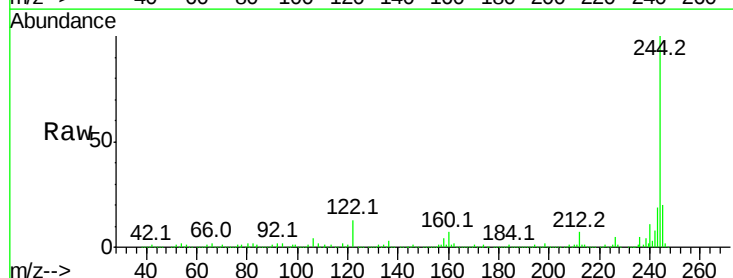
Tgt Ion:244 Resp: 1502149

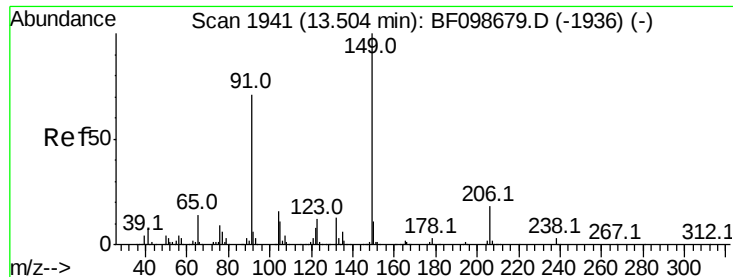
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.8 11.0 16.4





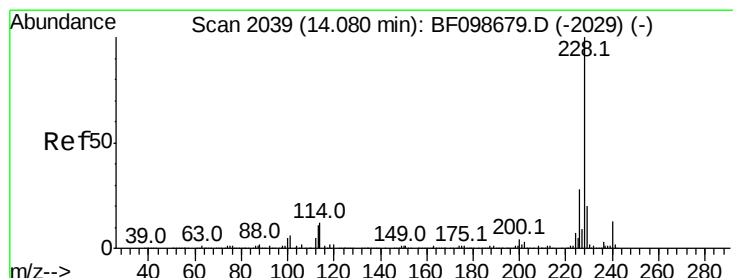
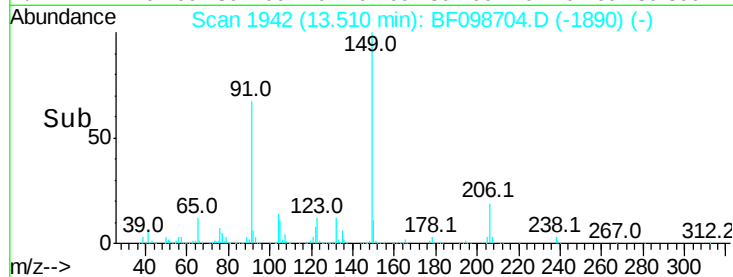
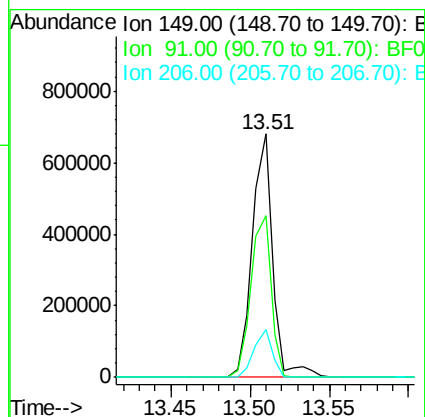
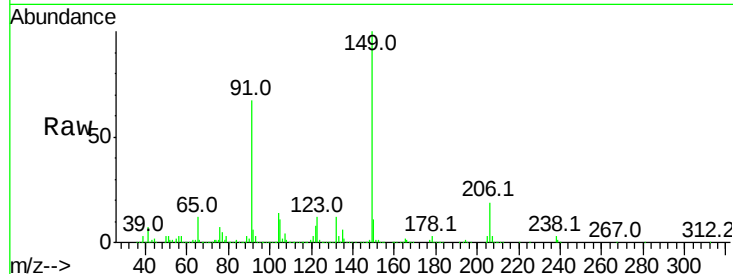
#79
Butylbenzylphthalate
Concen: 47.132 ng
RT: 13.51 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	607256		
91	66.7	56.8	85.2	
206	19.4	14.1	21.1	

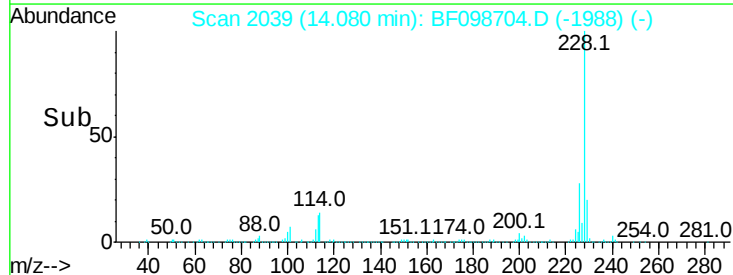
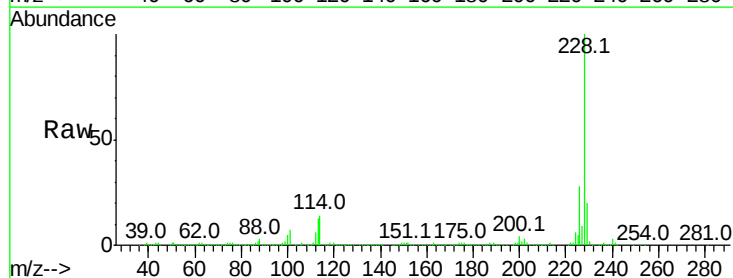
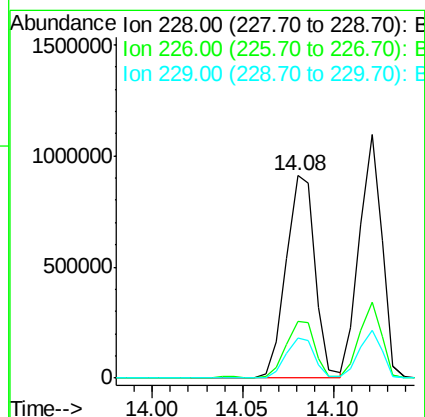
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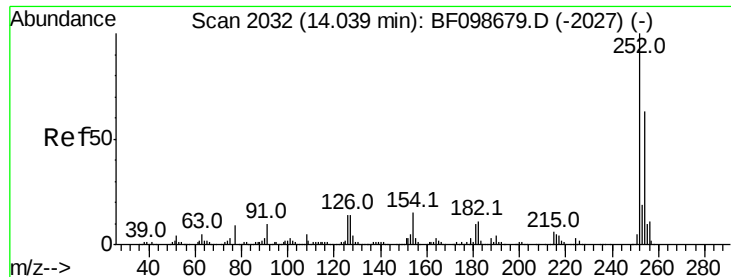
Sohil
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#80
Benzo(a)anthracene
Concen: 40.435 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1021710		
226	28.1	22.6	33.8	
229	19.9	15.8	23.6	





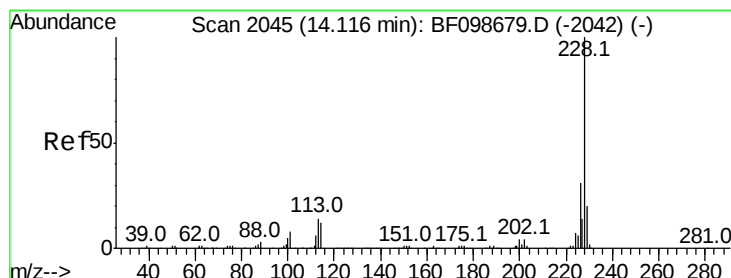
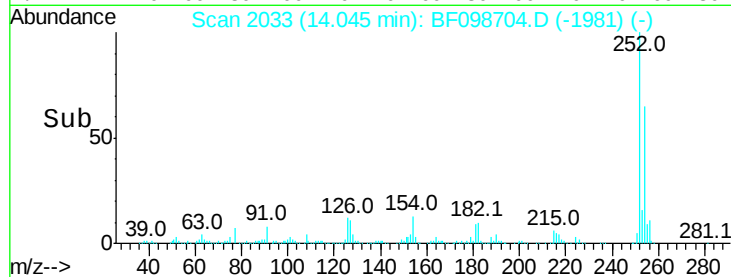
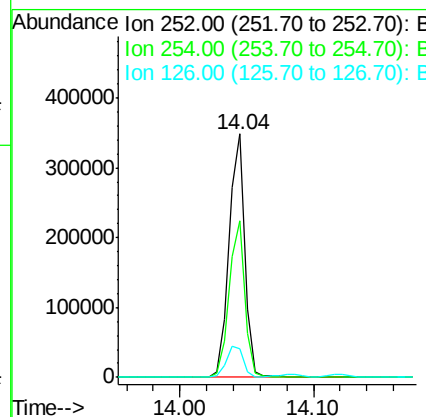
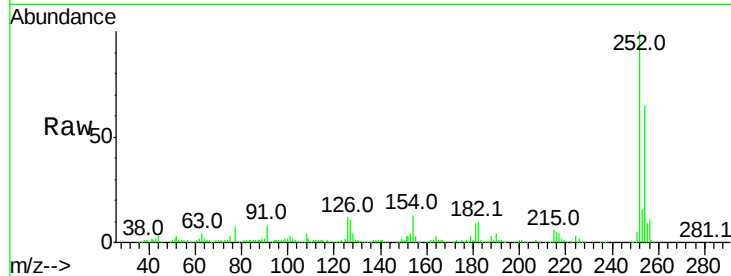
#81
 3,3'-Dichlorobenzidine
 Concen: 32.539 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.9	11.3	16.9

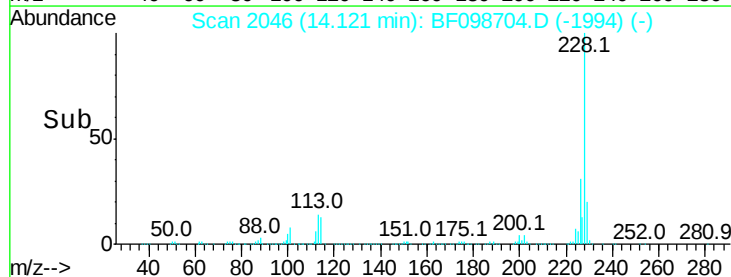
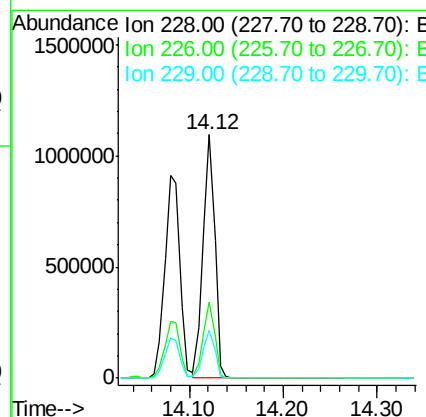
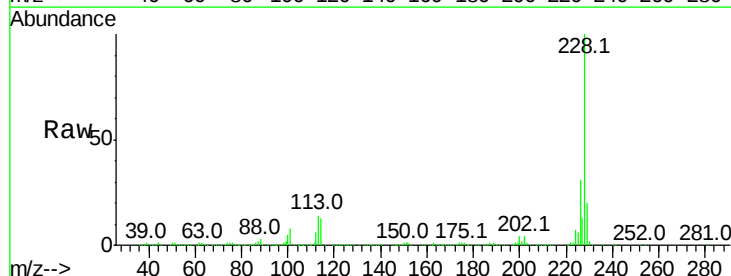
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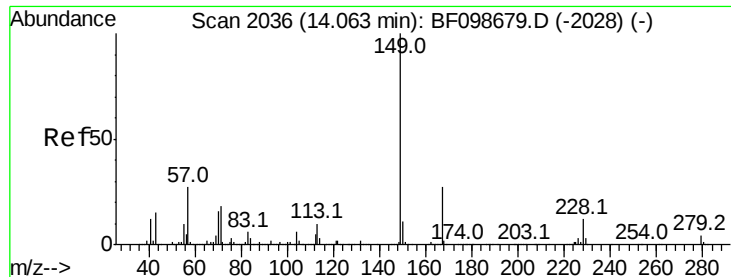
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#82
 Chrysene
 Concen: 39.268 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.514 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

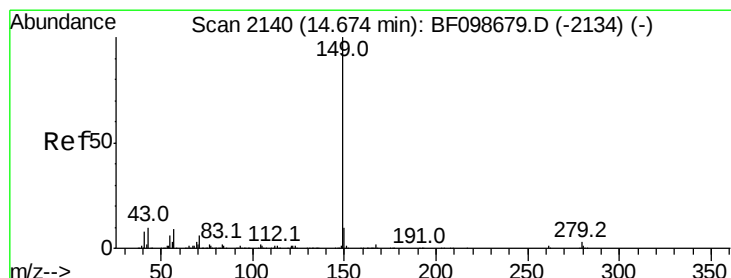
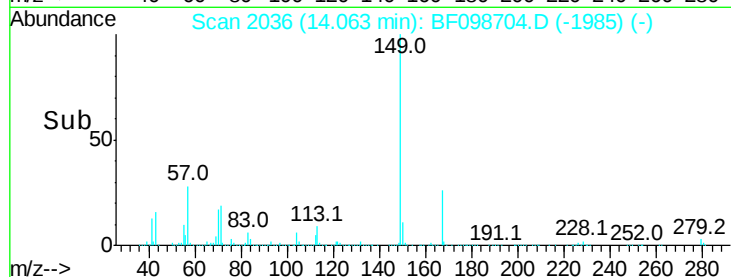
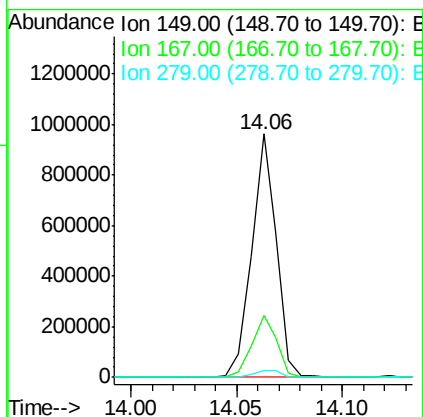
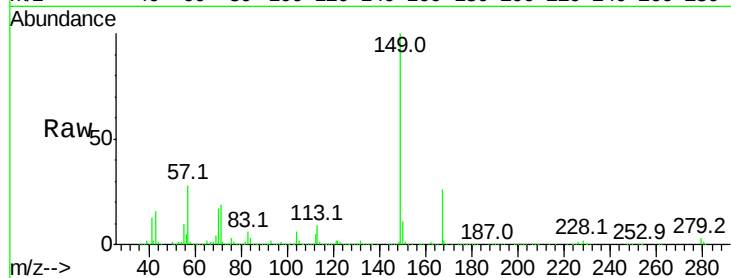
ClientSampleId :

PB102532BS

Tot Ion:	149	Resp:	775506
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.3	31.9
279	3.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 46.306 ng

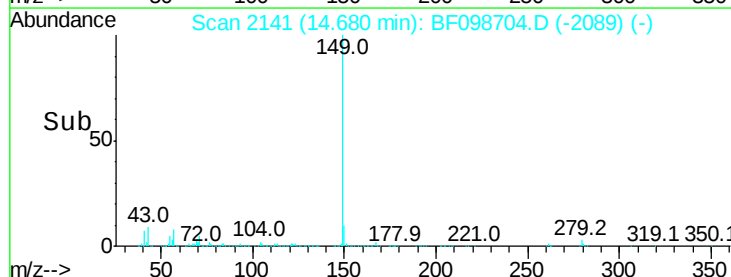
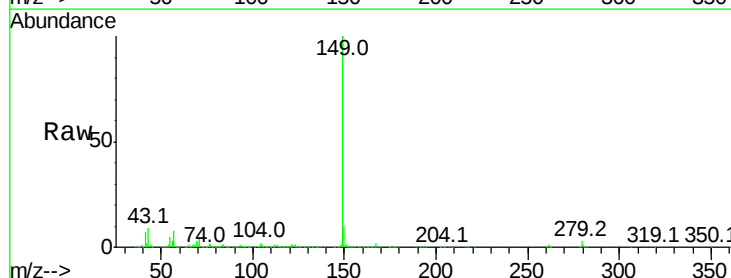
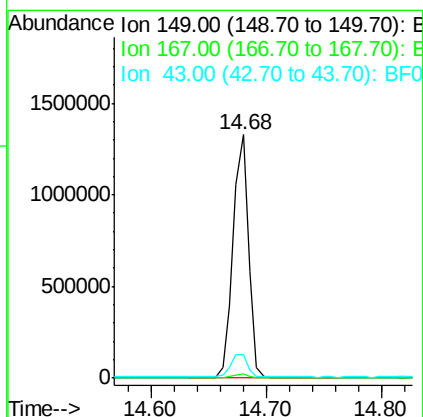
RT: 14.68 min Scan# 2141

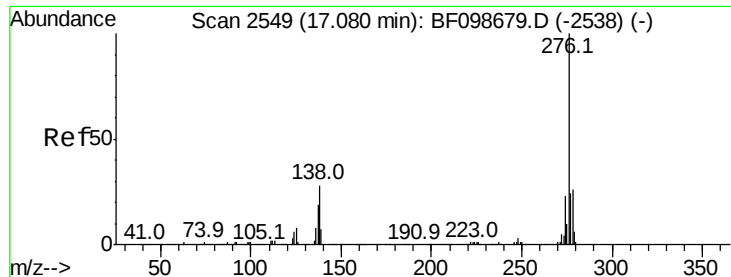
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	149	Resp:	1239391
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.0	8.4	12.6





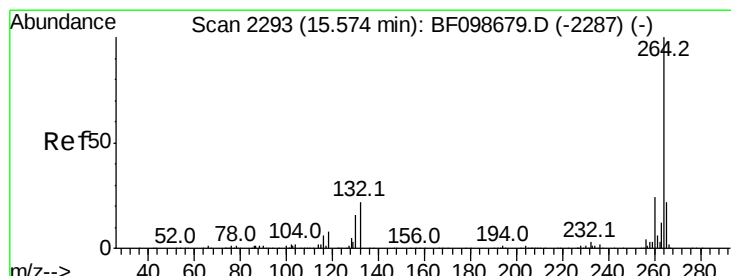
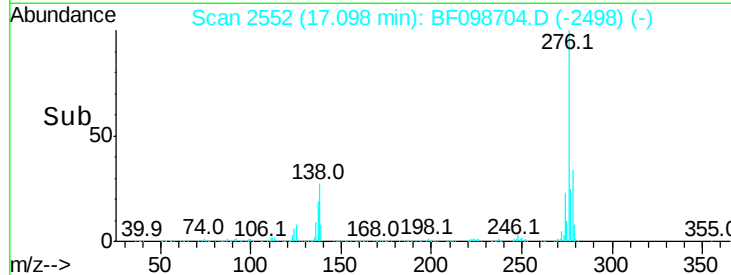
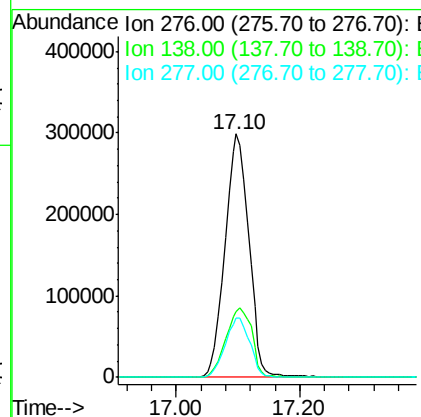
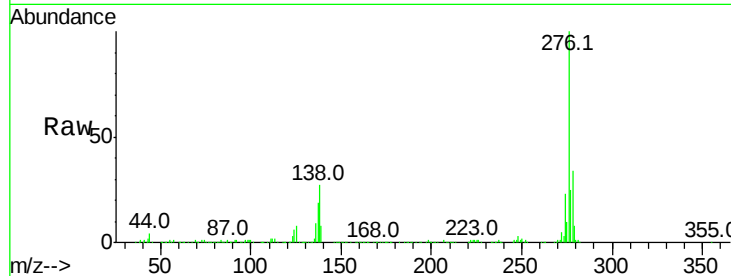
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.469 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.02 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	803895		
138	31.2	25.0	37.6	
277	25.2	20.1	30.1	

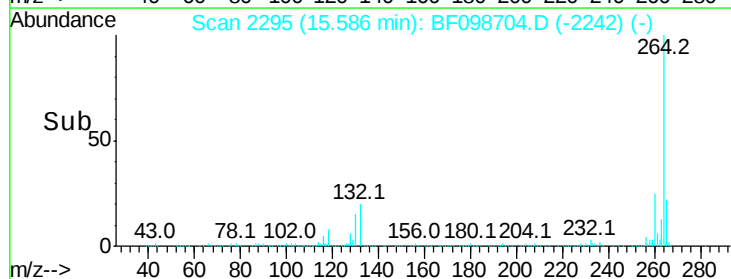
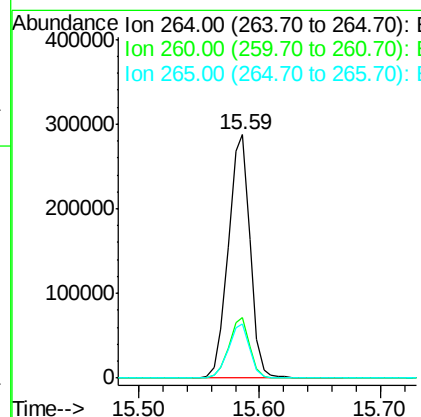
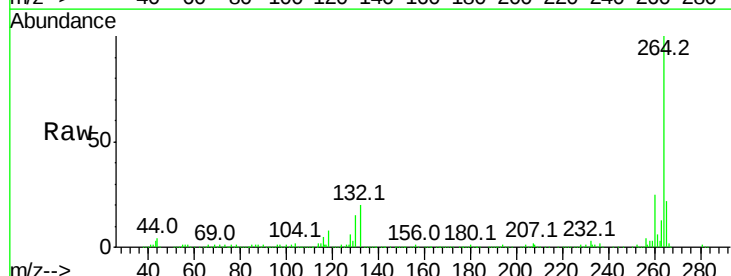
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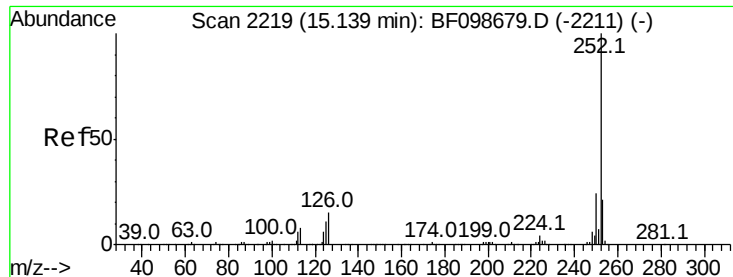
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	358004		
260	24.7	19.2	28.8	
265	22.0	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 43.496 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Instrument :

BNA_F

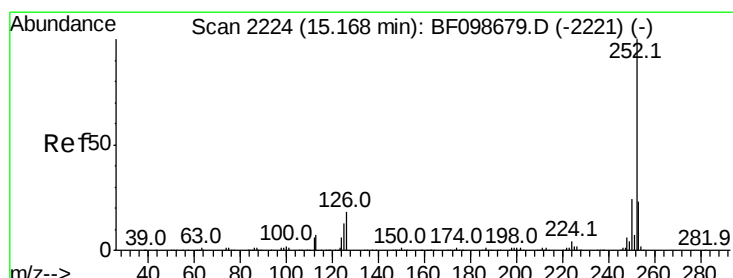
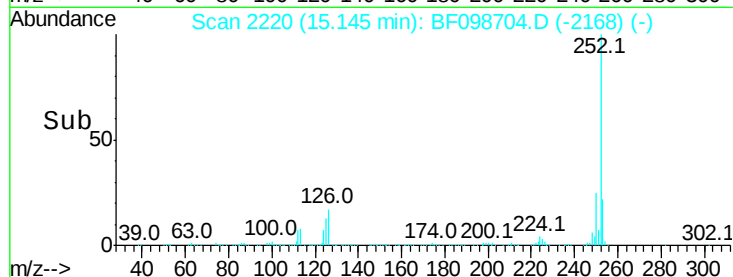
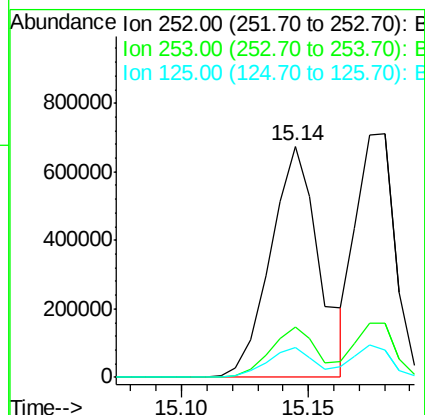
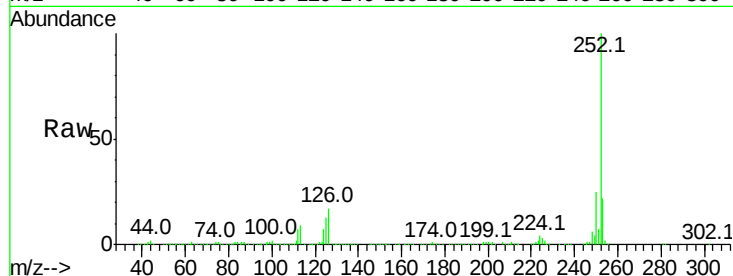
ClientSampleId :

PB102532BS

Tot Ion:	252	Resp:	903084
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	13.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 36.853 ng

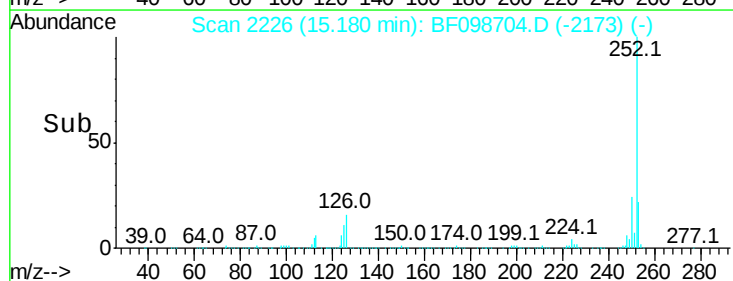
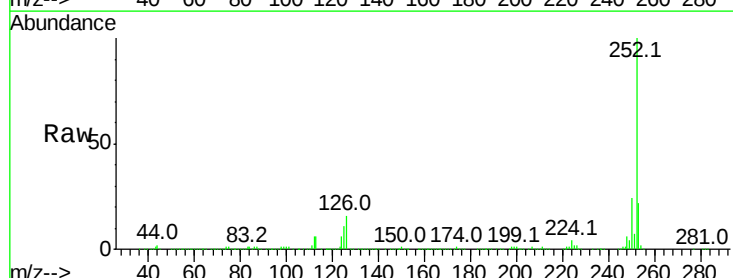
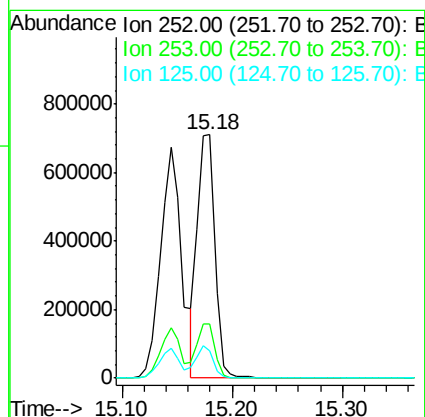
RT: 15.18 min Scan# 2226

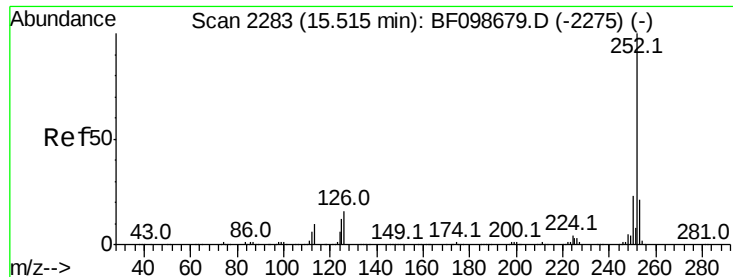
Delta R.T. 0.01 min

Lab File: BF098704.D

Acq: 22 Sep 2017 18:56

Tgt Ion:	252	Resp:	764637
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	11.0	10.2	15.2





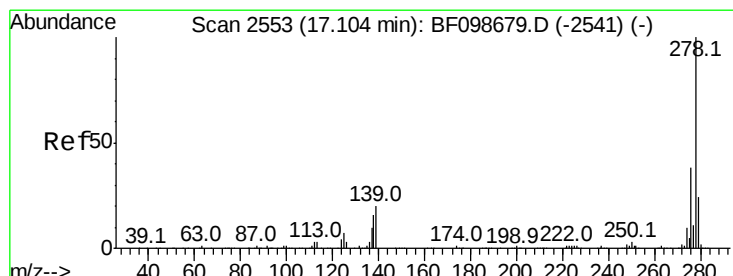
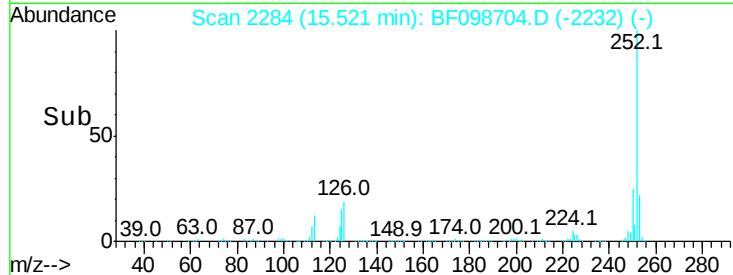
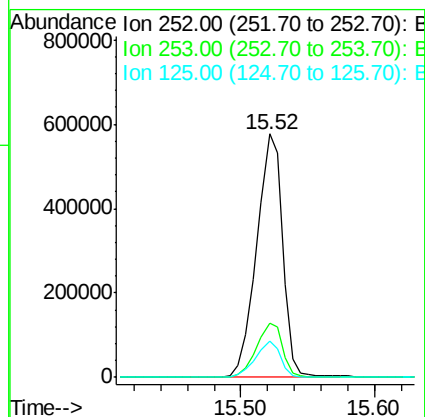
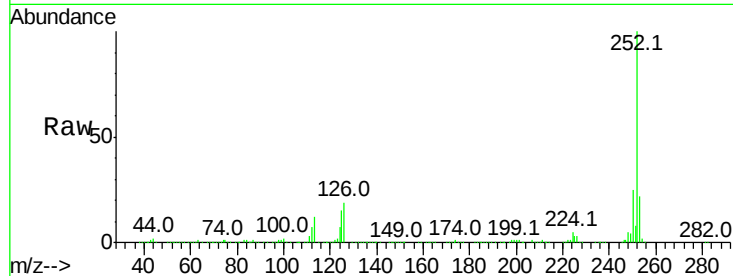
#89
Benzo(a)pyrene
Concen: 40.910 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Instrument :
BNA_F
ClientSampleId :
PB102532BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.9	9.8	14.6

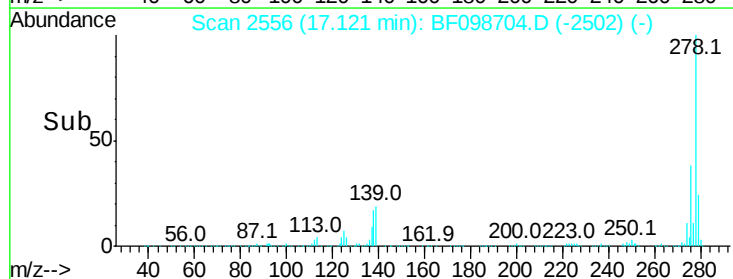
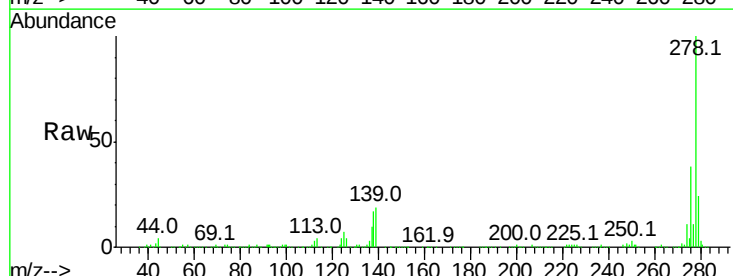
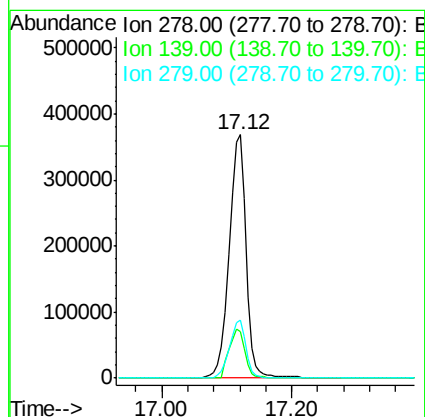
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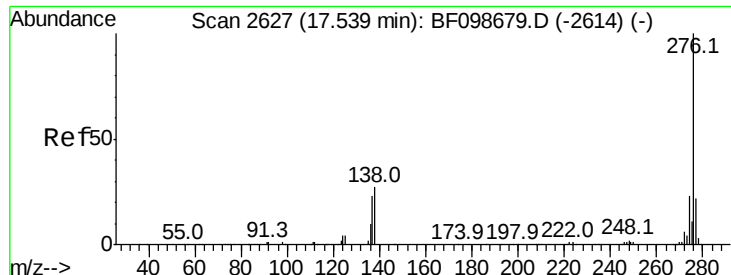
Sohil
9/25/2017 6:21:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.723 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF098704.D
Acq: 22 Sep 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.0	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.106 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098704.D
 Acq: 22 Sep 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB102532BS

Tot Ion:	276	Resp:	674966
Ion Ratio		Lower	Upper
276	100		
277	24.0	17.9	26.9
138	27.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:21:12 PM

