

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098739.D
 Acq On : 23 Sep 2017 15:16
 Operator : SJ/JU
 Sample : PB102553BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:26:08 PM

Quant Time: Sep 25 05:20:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147517	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	629542	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	291631	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	496888	20.00	ng	0.00
75) Chrysene-d12	14.09	240	315882	20.00	ng	0.00
86) Perylene-d12	15.57	264	230797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1235682	133.35	ng	0.01
7) Phenol-d6	6.55	99	1512708	132.33	ng	0.00
23) Nitrobenzene-d5	7.49	82	932013	94.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	319218	133.77	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1685061	96.46	ng	0.00
78) Terphenyl-d14	13.03	244	1359424	97.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	158697	35.851	ng	98
3) Pyridine	3.60	79	485569	40.549	ng	98
4) n-Nitrosodimethylamine	3.55	42	226667	44.638	ng	93
6) Aniline	6.59	93	482055	31.244	ng	99
8) 2-Chlorophenol	6.71	128	469696	44.758	ng	97
9) Benzaldehyde	6.47	77	128288	19.346	ng	97
10) Phenol	6.56	94	575144	44.987	ng	96
11) bis(2-Chloroethyl)ether	6.66	93	445463	44.820	ng	98
12) 1,3-Dichlorobenzene	6.86	146	472886	43.028	ng	100
13) 1,4-Dichlorobenzene	6.94	146	481816	43.089	ng	99
14) 1,2-Dichlorobenzene	7.09	146	449310	43.487	ng	99
15) Benzyl Alcohol	7.06	79	410968	49.005	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	712279	45.998	ng	98
17) 2-Methylphenol	7.17	107	411686	47.945	ng	98
18) Hexachloroethane	7.43	117	177354	44.126	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	327931	44.931	ng	99
20) 3+4-Methylphenols	7.32	107	504956	46.485	ng	# 85
22) Acetophenone	7.33	105	645325	42.309	ng	# 95
24) Nitrobenzene	7.50	77	494306	44.389	ng	98
25) Isophorone	7.75	82	919872	45.323	ng	99
26) 2-Nitrophenol	7.82	139	262685	49.055	ng	98
27) 2,4-Dimethylphenol	7.85	122	461896	45.674	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	597790	47.263	ng	99
29) 2,4-Dichlorophenol	8.06	162	406649	46.835	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	390916	45.016	ng	99
31) Naphthalene	8.23	128	1333736	45.109	ng	100
32) Benzoic acid	7.93	122	44987	5.416	ng	91
33) 4-Chloroaniline	8.27	127	293302	23.754	ng	100
34) Hexachlorobutadiene	8.34	225	193275	43.211	ng	99
35) Caprolactam	8.65	113	133758m	48.025	ng	
36) 4-Chloro-3-methylphenol	8.75	107	442824	45.375	ng	97
37) 2-Methylnaphthalene	8.92	142	939590	48.883	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	350061	40.250	ng	99
40) Hexachlorocyclopentadiene	9.07	237	420242	105.731	ng	100

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Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	279516	45.366	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	283333	46.066	nq	94
45) 1,1'-Biphenyl	9.38	154	1076621	42.955	nq	100
46) 2-Chloronaphthalene	9.41	162	846456	44.980	nq	97
47) 2-Nitroaniline	9.50	65	276667	48.014	nq	96
48) Acenaphthylene	9.83	152	1291570	44.834	nq	100
49) Dimethylphthalate	9.68	163	994791	45.196	nq	100
50) 2,6-Dinitrotoluene	9.75	165	224663	46.884	nq	89
51) Acenaphthene	10.00	154	795433	43.589	nq	99
52) 3-Nitroaniline	9.91	138	185294	33.163	nq	98
53) 2,4-Dinitrophenol	10.01	184	62505	29.057	nq	89
54) Dibenzofuran	10.17	168	1144841	47.118	nq	99
55) 4-Nitrophenol	10.07	139	402251	85.142	nq	95
56) 2,4-Dinitrotoluene	10.15	165	297839	47.892	nq	98
57) Fluorene	10.51	166	868125	44.453	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	204304	48.085	nq	97
59) Diethylphthalate	10.38	149	973546	45.265	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	395534	45.088	nq	98
61) 4-Nitroaniline	10.53	138	246805	45.786	nq	96
62) Azobenzene	10.66	77	956427	48.364	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	75597	25.006	nq	89
65) n-Nitrosodiphenylamine	10.62	169	791224	45.965	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	230635	47.420	nq	94
67) Hexachlorobenzene	11.06	284	227951	43.882	nq	97
68) Atrazine	11.15	200	231978	44.792	nq	99
69) Pentachlorophenol	11.25	266	210138	64.999	nq	99
70) Phenanthrene	11.47	178	1231522	46.303	nq	99
71) Anthracene	11.53	178	1263695	46.436	nq	100
72) Carbazole	11.67	167	1155721	43.367	nq	99
73) Di-n-butylphthalate	12.00	149	1450552	45.220	nq	100
74) Fluoranthene	12.66	202	1206516	44.798	nq	99
76) Benzidine	12.78	184	420828	36.019	nq	99
77) Pyrene	12.89	202	1247334	51.784	nq	100
79) Butylbenzylphthalate	13.50	149	594343	52.502	nq	94
80) Benzo(a)anthracene	14.07	228	905293	47.330	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	193786	27.637	nq	98
82) Chrysene	14.12	228	854225	46.909	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	802276	51.469	nq	# 100
84) Di-n-octyl phthalate	14.67	149	1210007	48.209	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	678548	46.581	nq	96
87) Benzo(b)fluoranthene	15.13	252	696400m	49.076	nq	
88) Benzo(k)fluoranthene	15.17	252	646130	46.100	nq	99
89) Benzo(a)pyrene	15.51	252	634999	48.750	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	560145	53.734	nq	98
91) Benzo(g,h,i)perylene	17.54	276	576432	55.941	nq	96

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

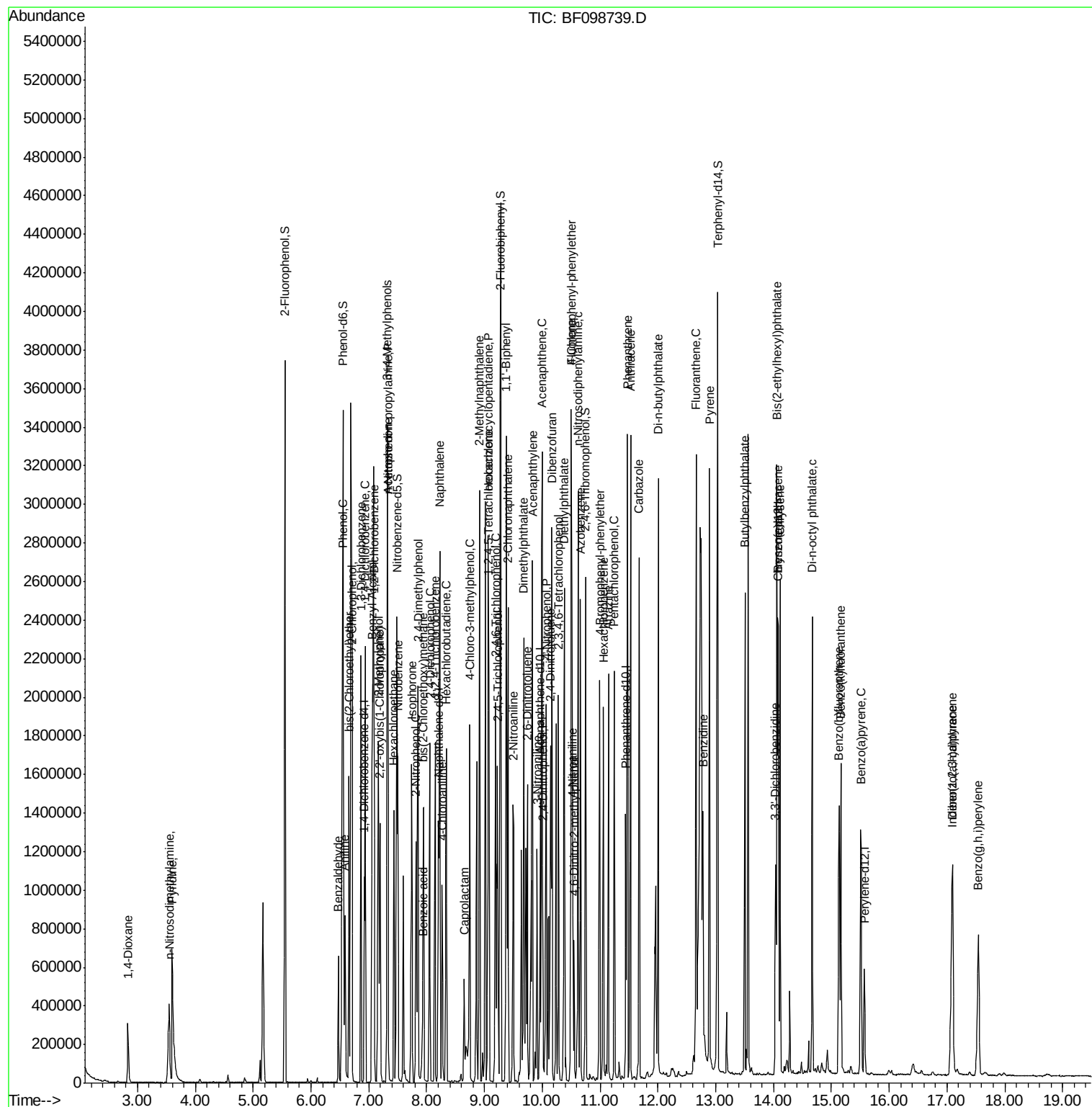
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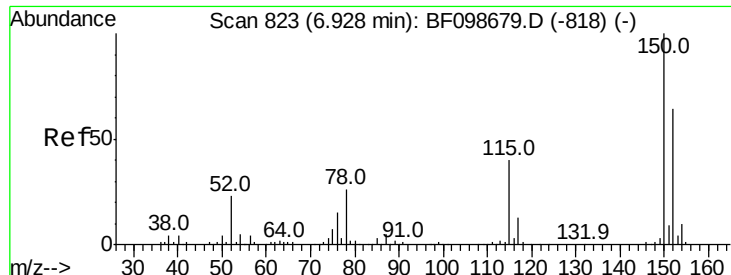
Instrument :
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#1

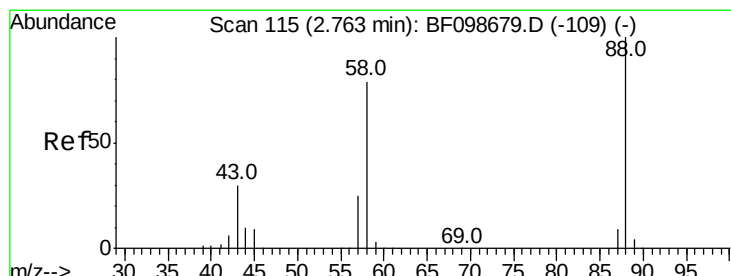
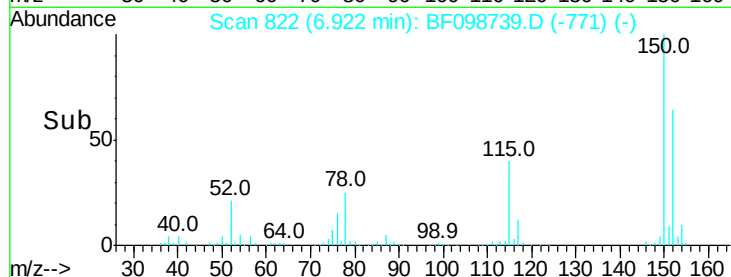
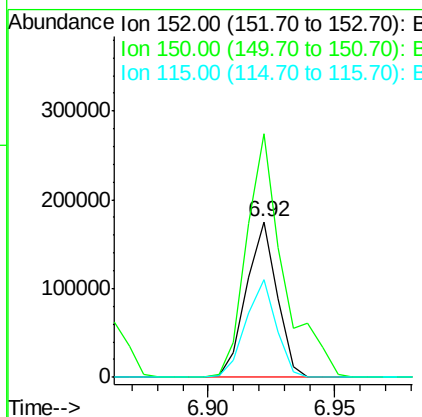
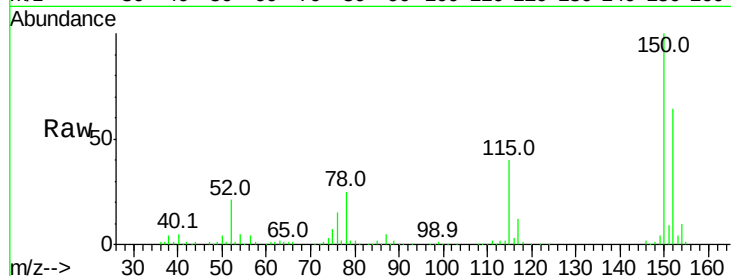
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
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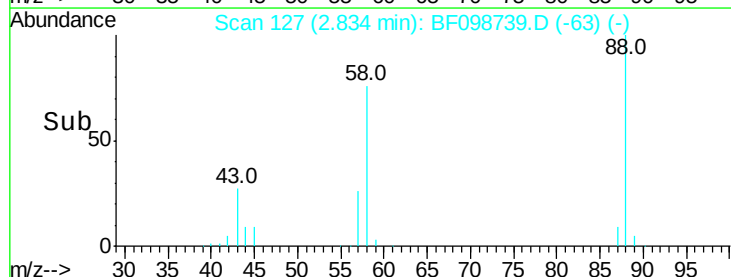
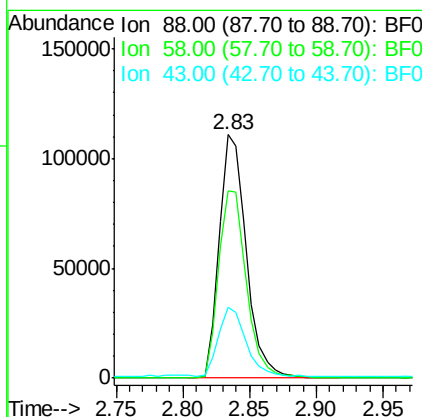
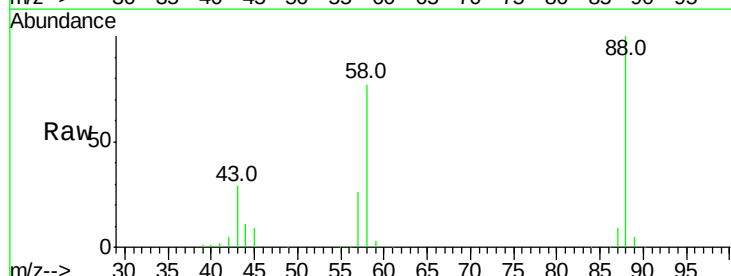
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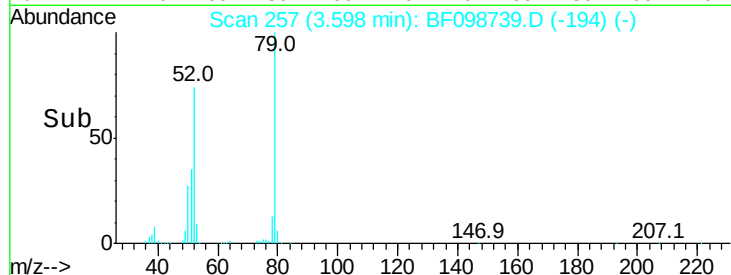
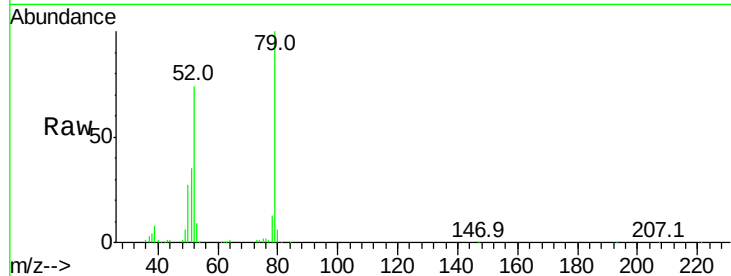
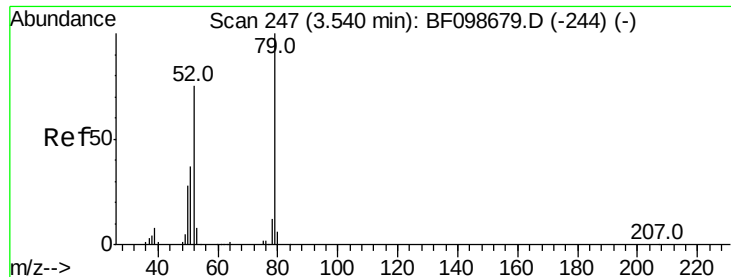


#2

1,4-Dioxane
 Concen: 35.851 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.08 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.6	93.8
43	29.8	24.6	37.0





#3

Pvridine

Concen: 40.549 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.07 min

Lab File: BF098739.D

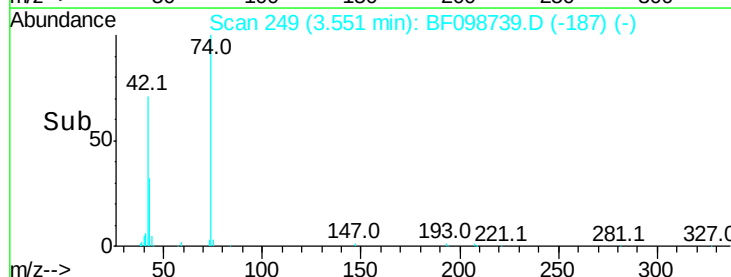
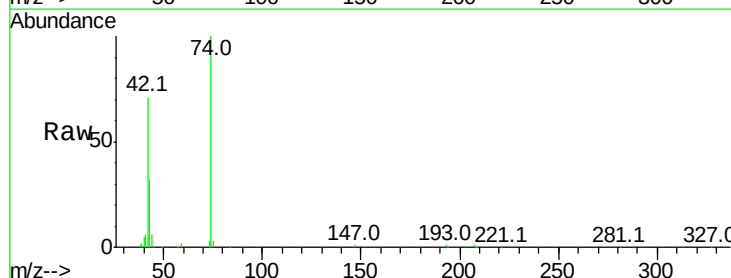
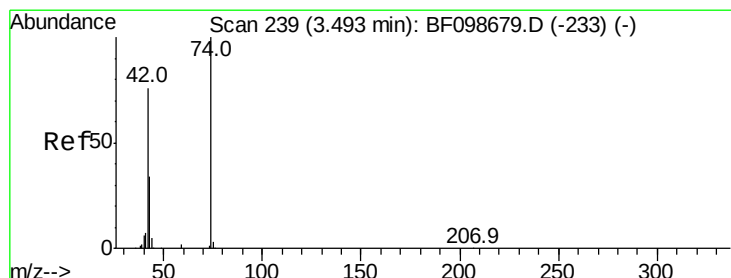
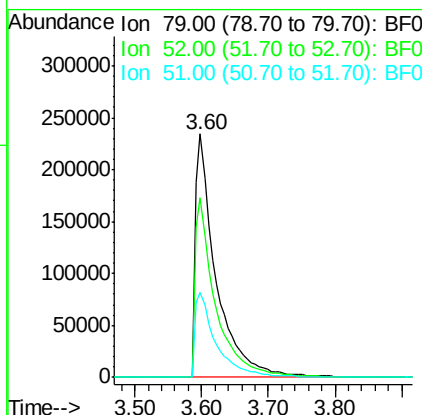
Acq: 23 Sep 2017 15:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.7	59.8	89.6
51	35.1	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB102553BS

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#4

n-Nitrosodimethylamine

Concen: 44.638 ng

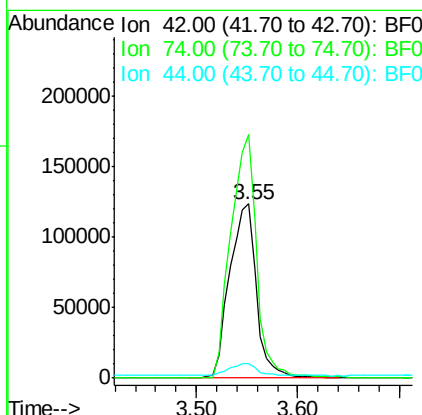
RT: 3.55 min Scan# 249

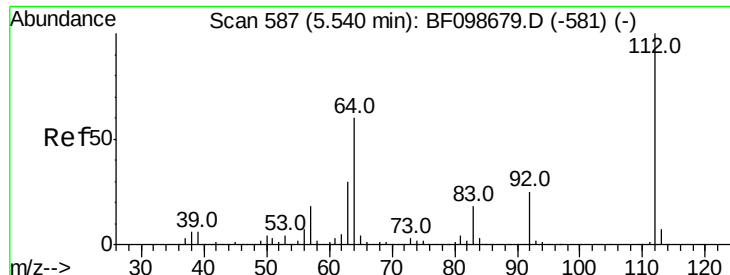
Delta R.T. 0.06 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.9	104.9	157.3
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 133.346 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

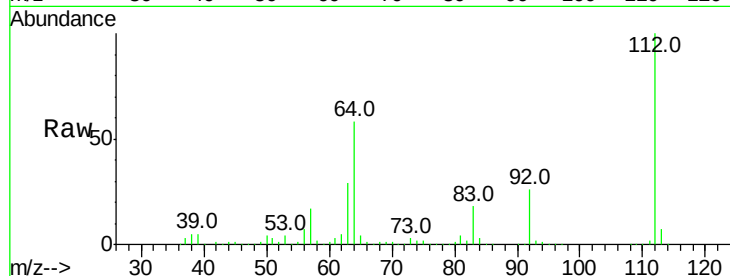
ClientSampleId :

PB102553BS

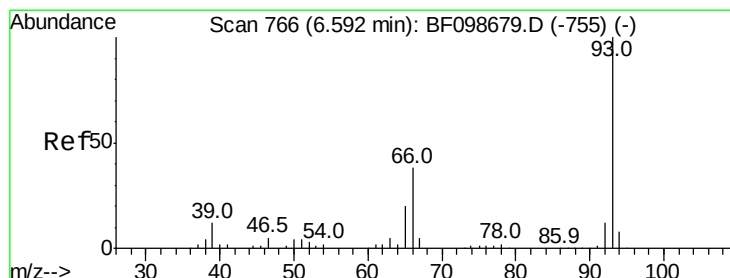
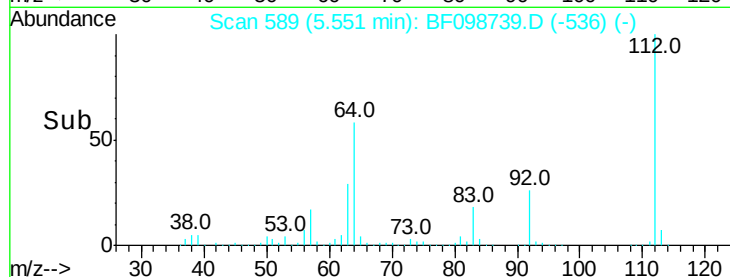
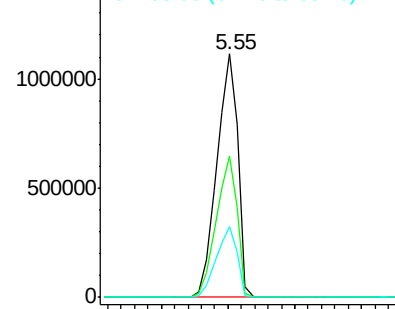
Tot Ion:	112	Resp:	1235682
Ion Ratio	Lower	Upper	
112	100		
64	57.8	47.9	71.9
63	29.1	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF098679.D (-581) (-)



#6

Aniline

Concen: 31.244 ng

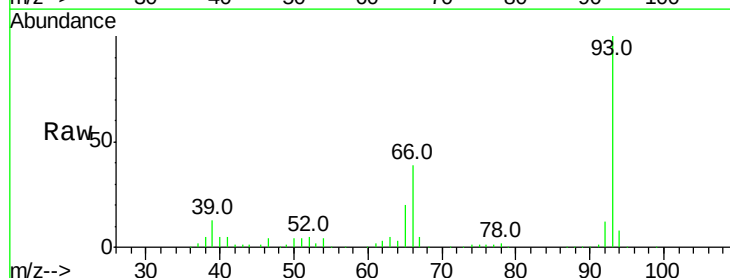
RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

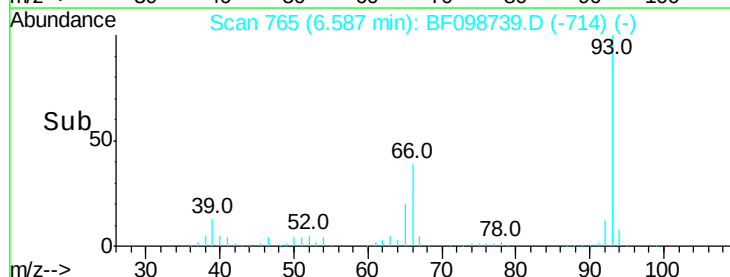
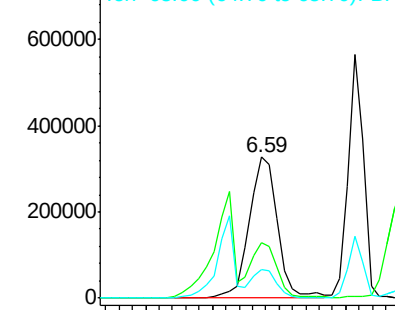
Lab File: BF098739.D

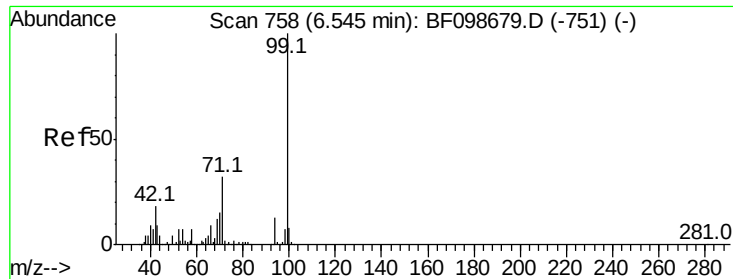
Acq: 23 Sep 2017 15:16

Tgt Ion:	93	Resp:	482055
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.2	48.2
65	20.2	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF098679.D (-755) (-)





#7

Phenol-d6

Concen: 132.327 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB102553BS

Tot Ion: 99 Resp: 1512708

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

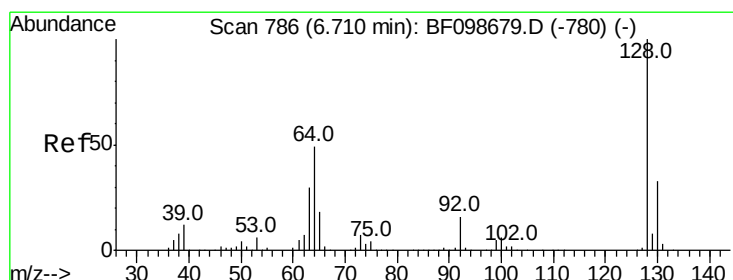
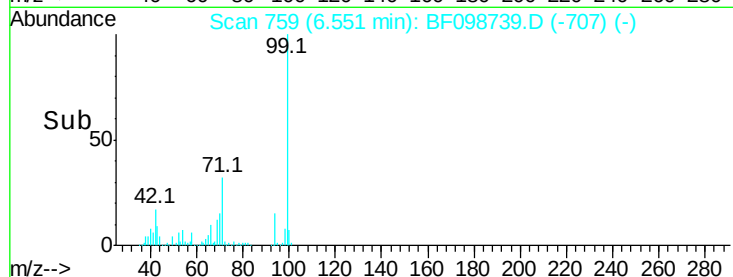
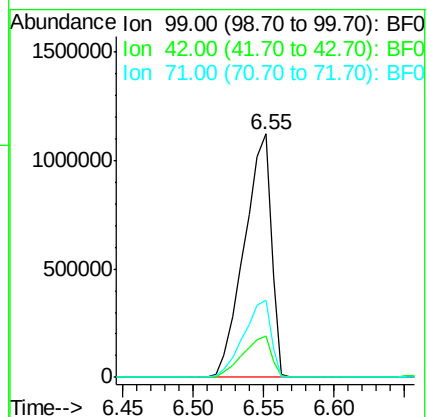
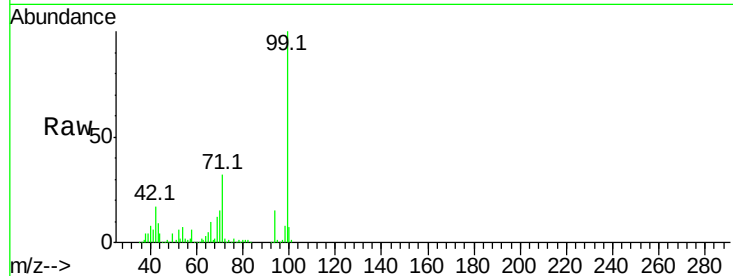
71 31.5 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.758 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

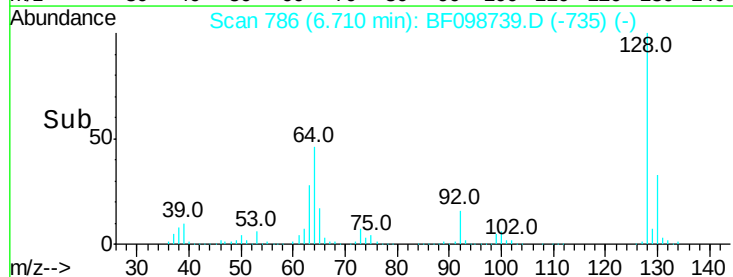
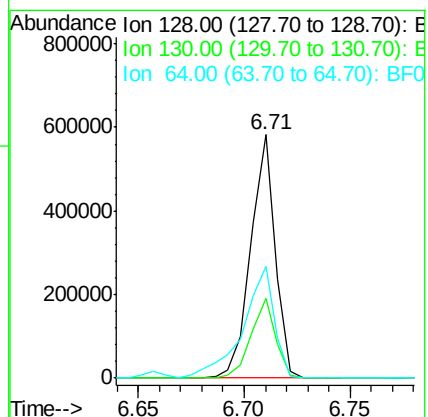
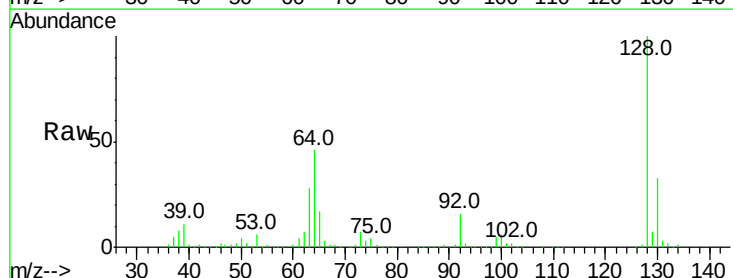
Tgt Ion: 128 Resp: 469696

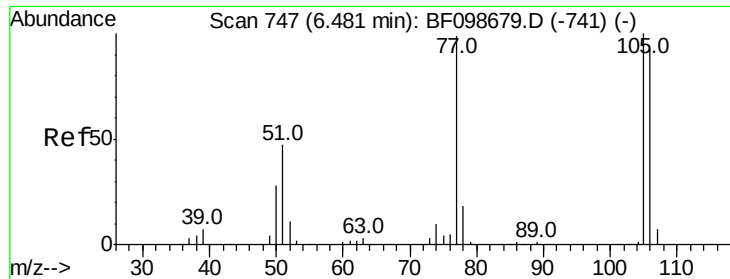
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 46.1 29.4 69.4





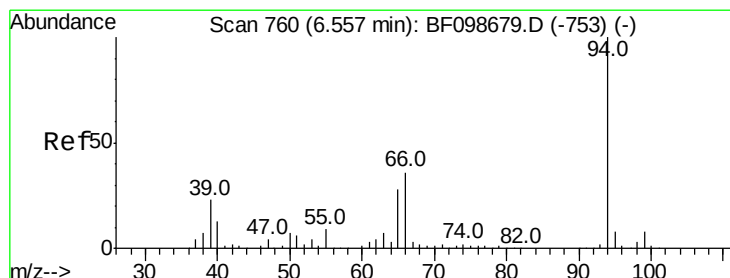
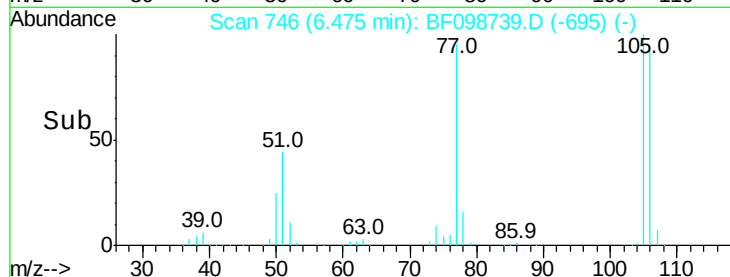
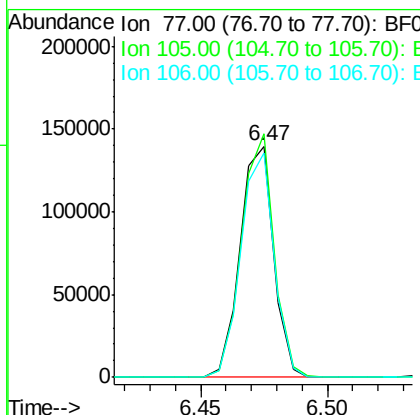
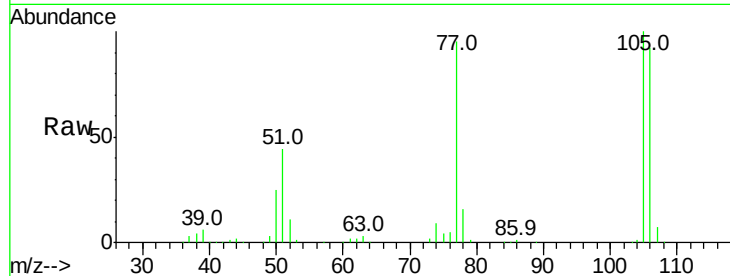
#9
Benzaldehyde
Concen: 19.346 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	81.1	121.1
106	97.2	74.5	114.5

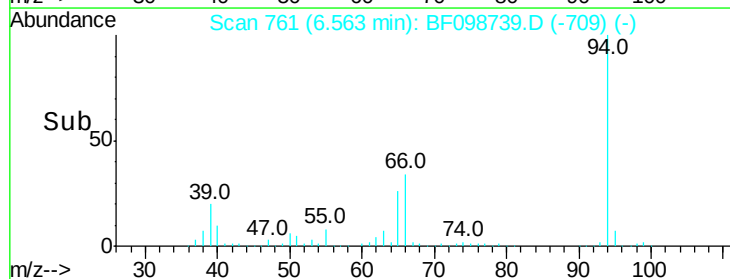
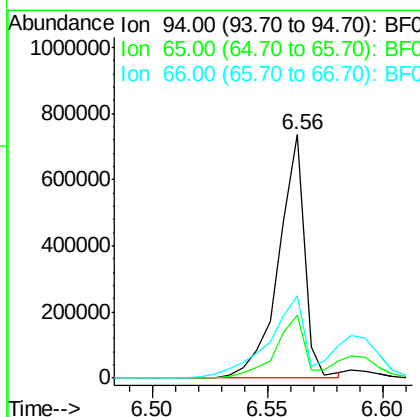
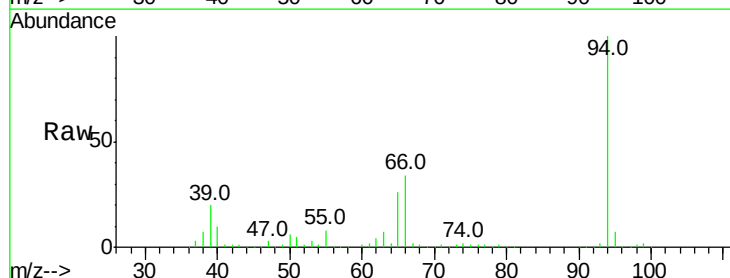
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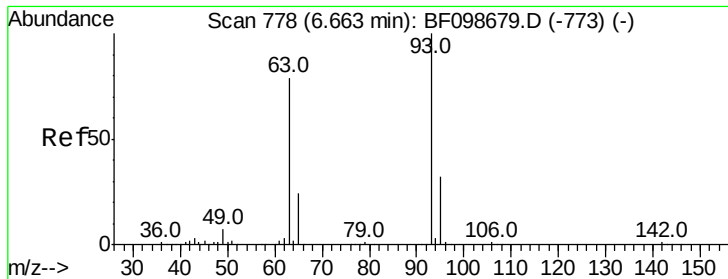
Sohil
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#10
Phenol
Concen: 44.987 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	33.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.820 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

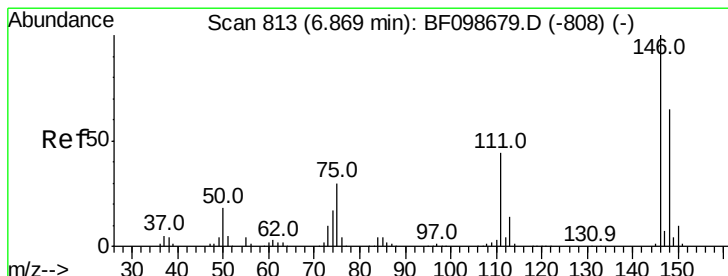
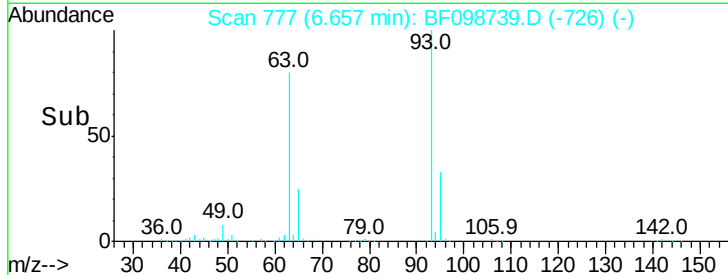
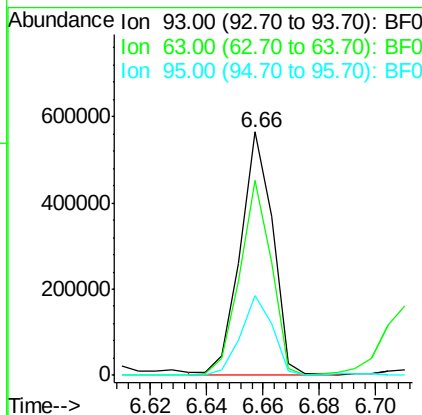
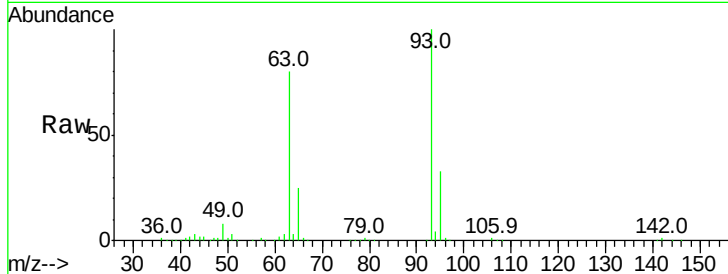
ClientSampleId :

PB102553BS

Tot Ion:	93	Resp:	445463
Ion Ratio	Lower	Upper	
93	100		
63	79.9	58.6	98.6
95	32.9	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 43.028 ng

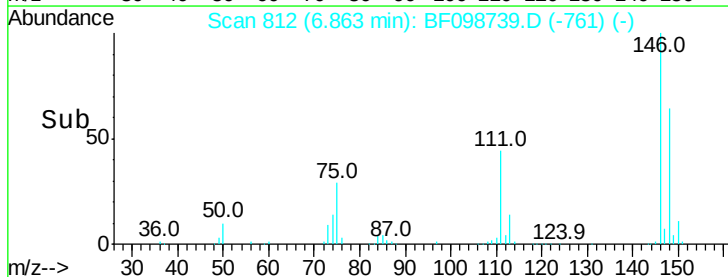
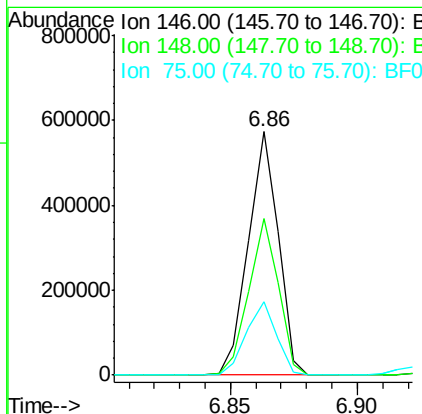
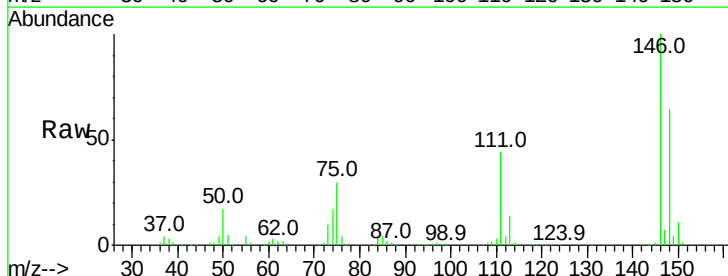
RT: 6.86 min Scan# 812

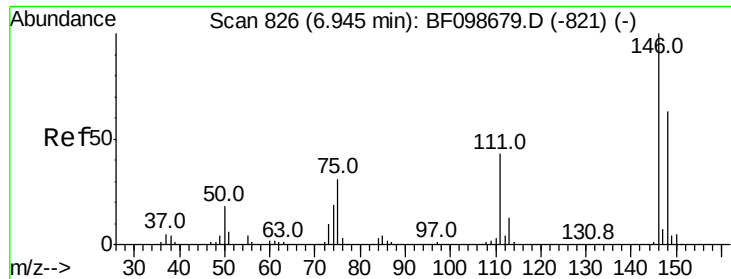
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:	146	Resp:	472886
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	30.3	24.2	36.4





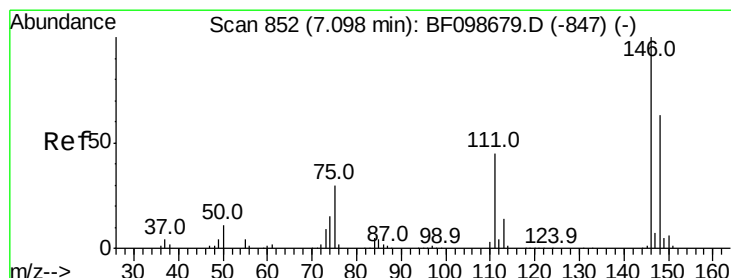
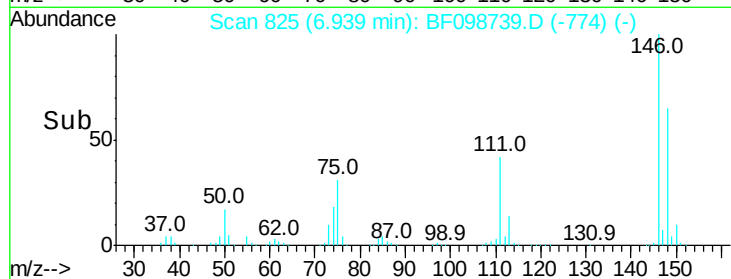
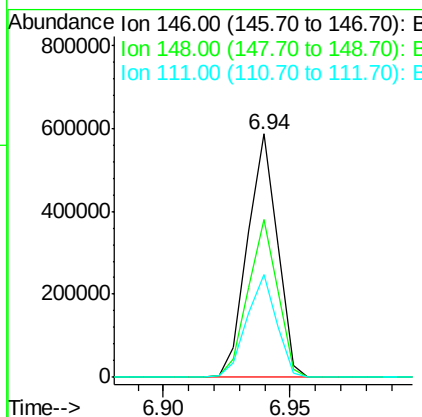
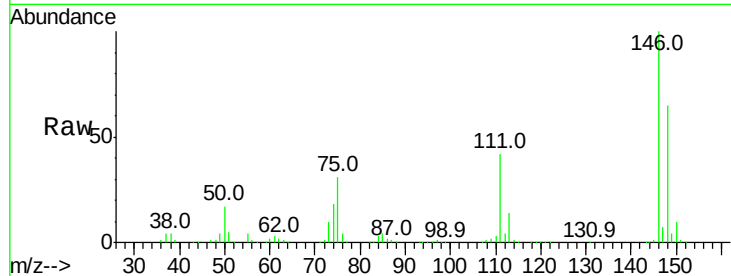
#13
 1,4-Dichlorobenzene
 Concen: 43.089 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	42.0	34.2	51.2

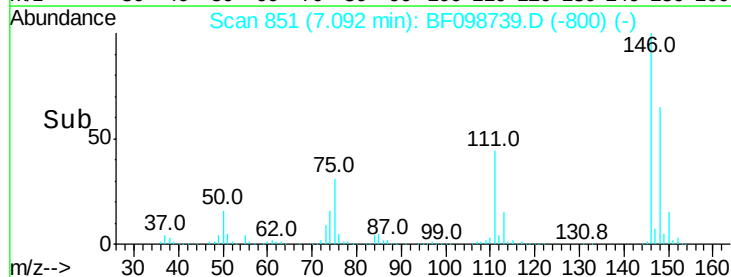
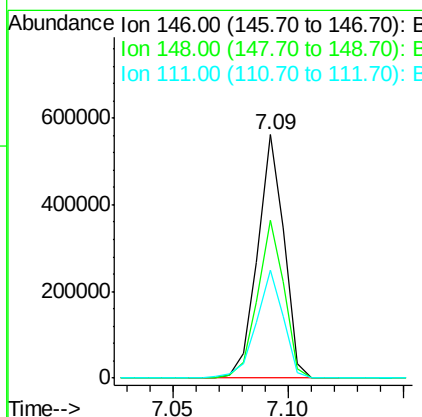
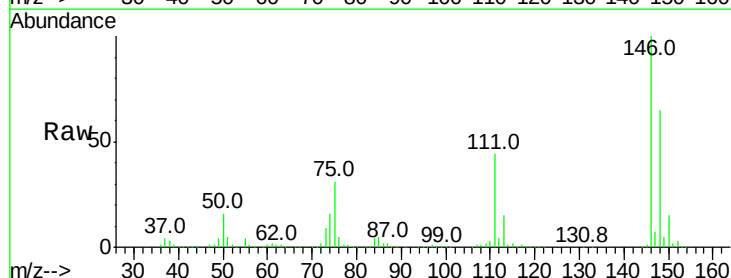
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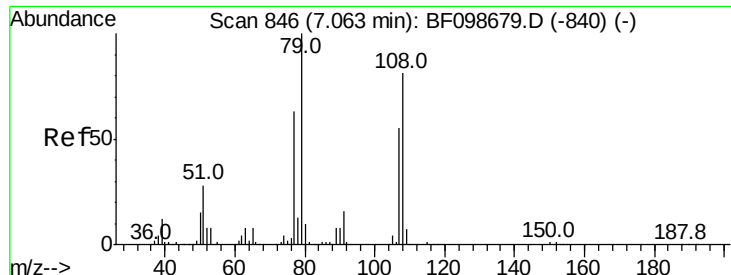
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#14
 1,2-Dichlorobenzene
 Concen: 43.487 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 49.005 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB102553BS

Tot Ion: 79 Resp: 410968

Ion Ratio Lower Upper

79 100

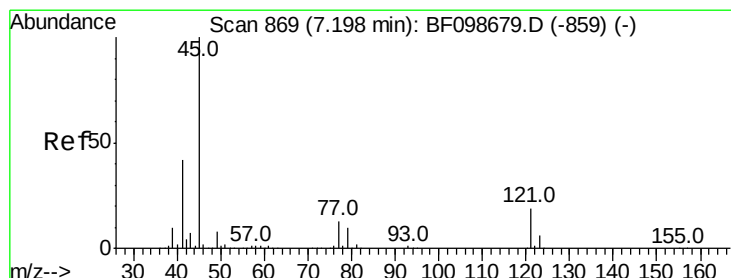
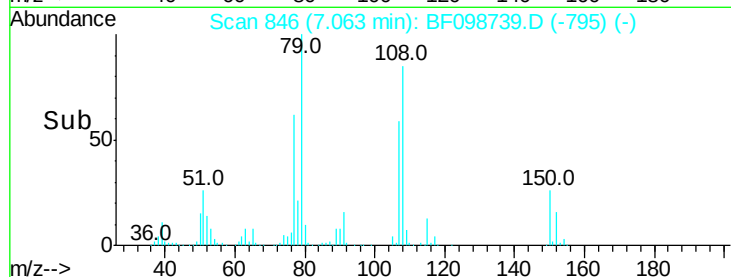
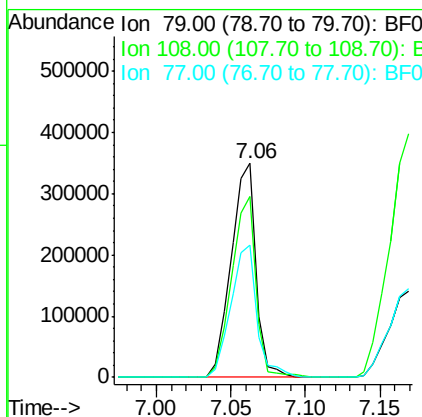
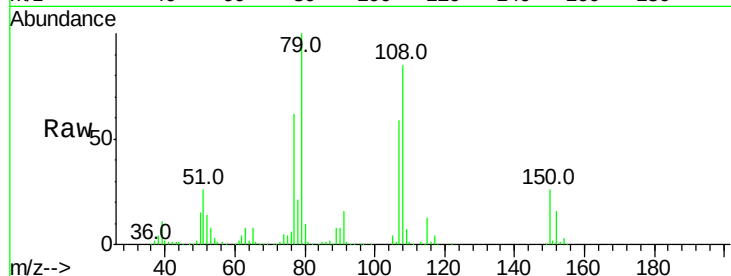
108 84.8 65.1 97.7

77 61.9 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.998 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

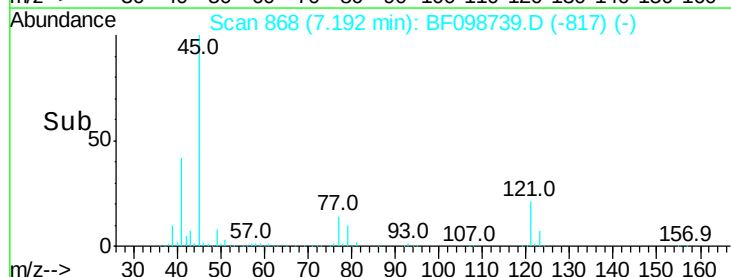
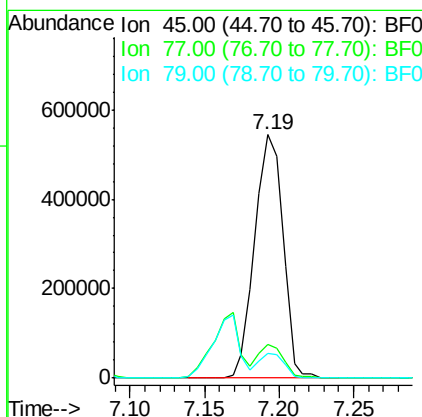
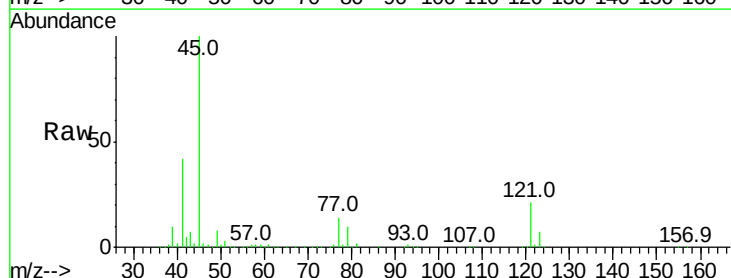
Tgt Ion: 45 Resp: 712279

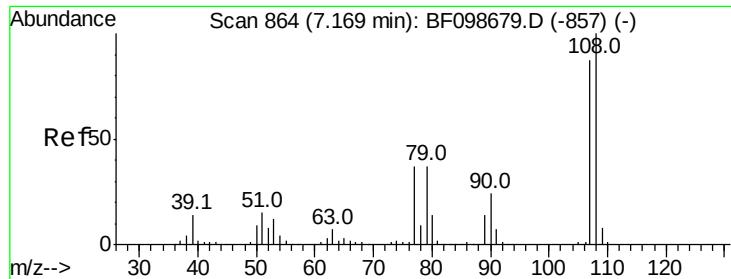
Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

79 10.2 0.0 29.6





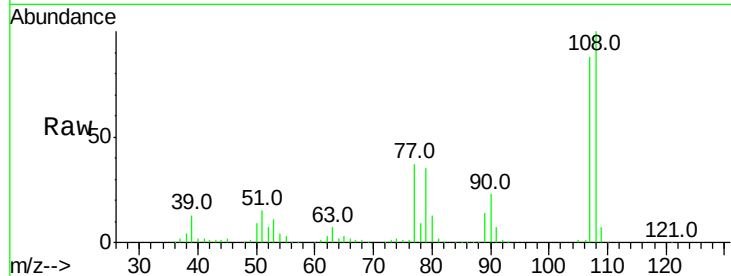
#17
2-Methylphenol
Concen: 47.945 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

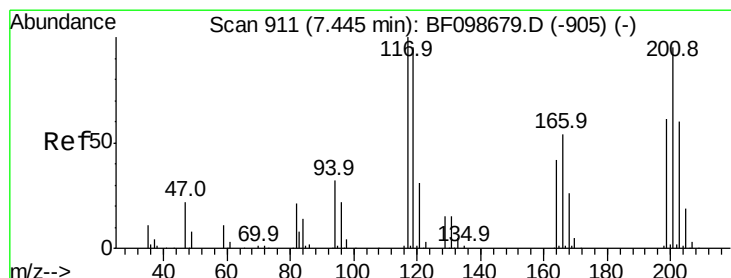
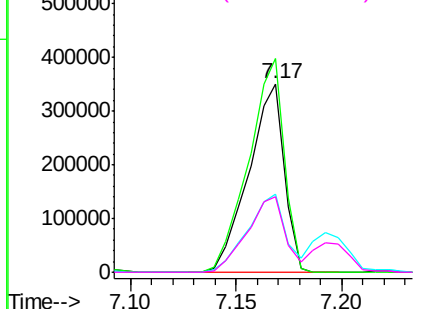
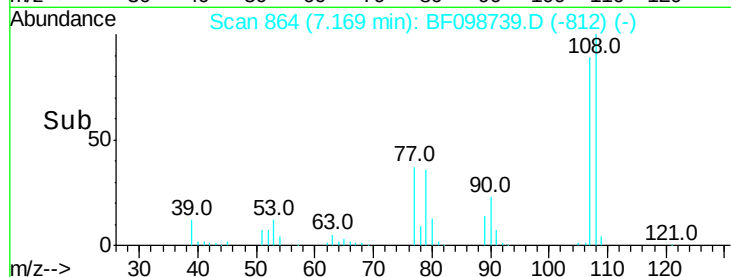
Tot Ion	107	Resp	411686
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.7	137.5
77	41.6	33.8	50.8
79	40.0	33.8	50.8

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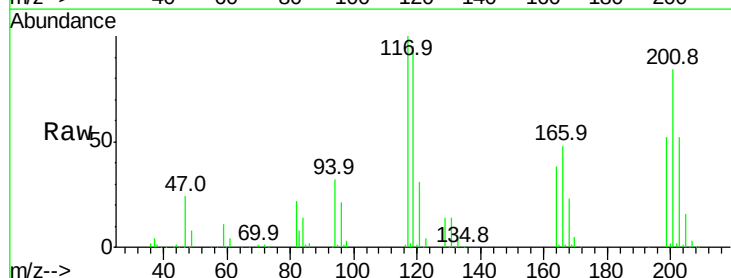


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

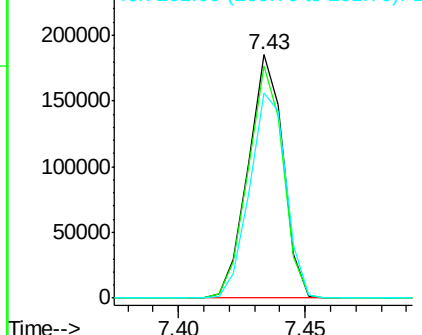
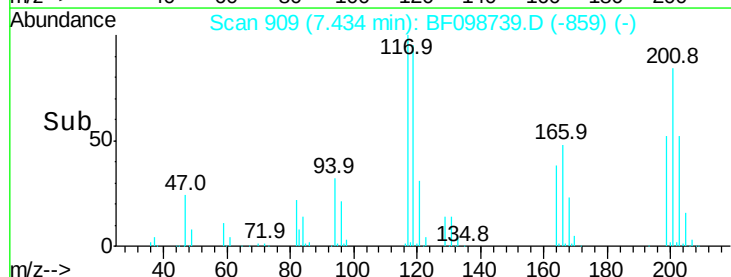


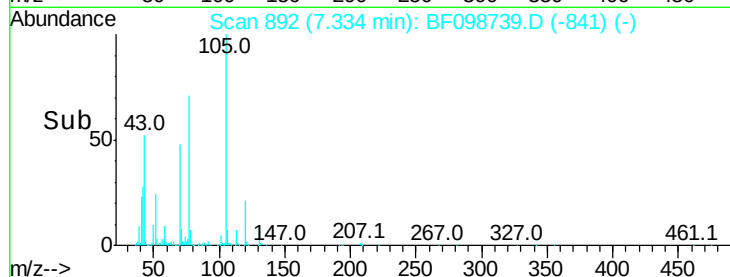
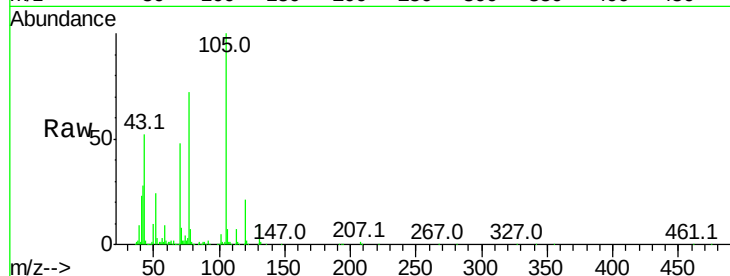
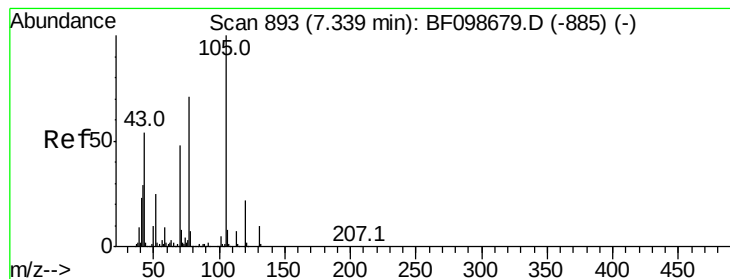
#18
Hexachloroethane
Concen: 44.126 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	117	Resp	177354
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.8	113.8
201	84.4	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.931 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB102553BS

Tot Ion: 70 Resp: 327931

Ion Ratio Lower Upper

70 100

42 59.0 47.5 71.3

101 9.8 7.4 11.2

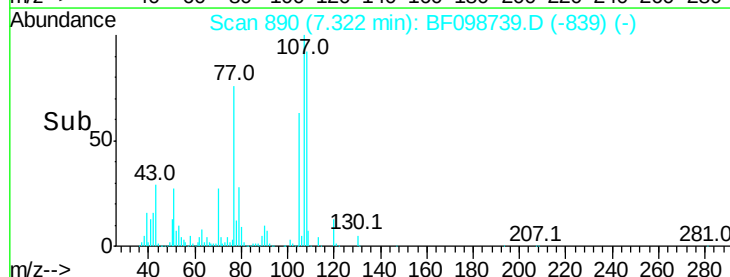
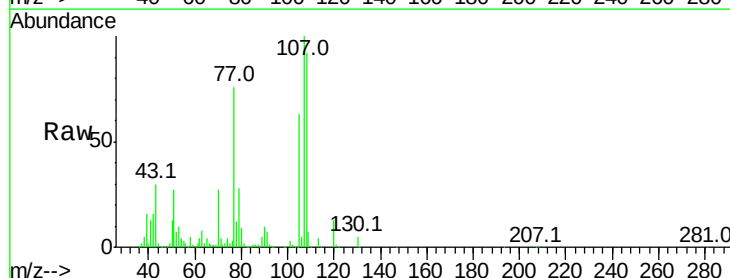
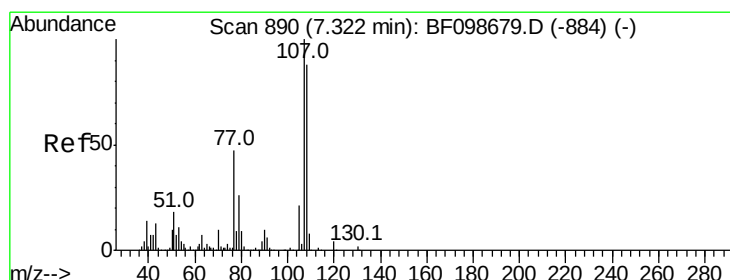
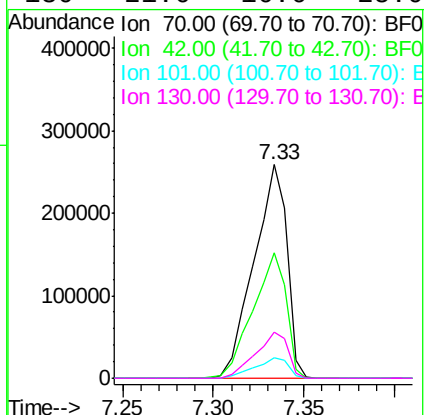
130 21.6 16.6 25.0

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#20

3+4-Methylphenols

Concen: 46.485 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion: 107 Resp: 504956

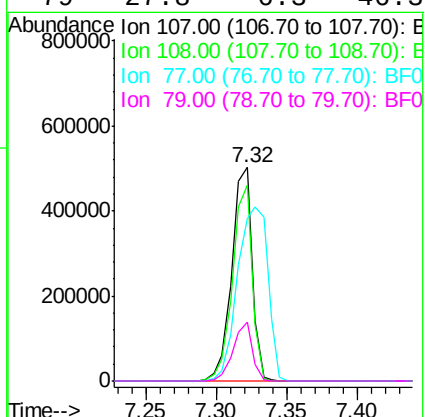
Ion Ratio Lower Upper

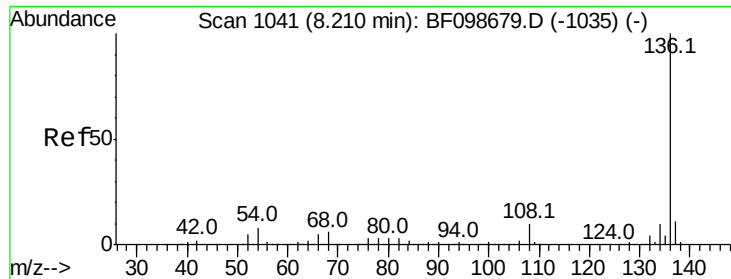
107 100

108 91.7 68.2 108.2

77 76.2 26.7 66.7#

79 27.8 6.3 46.3





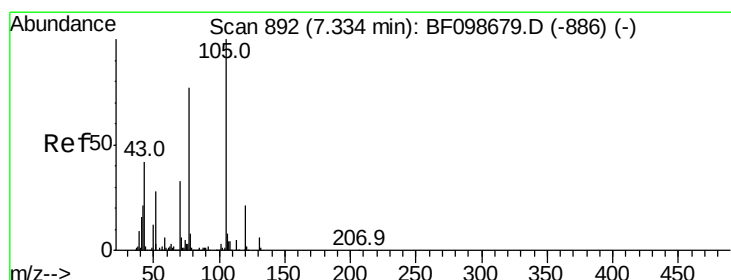
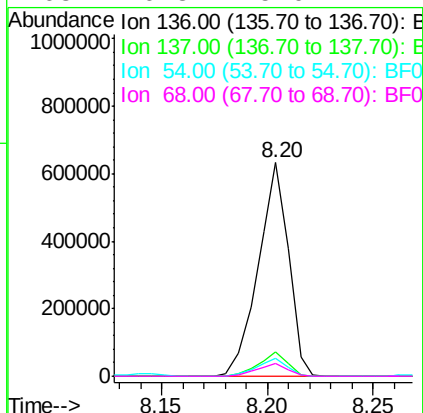
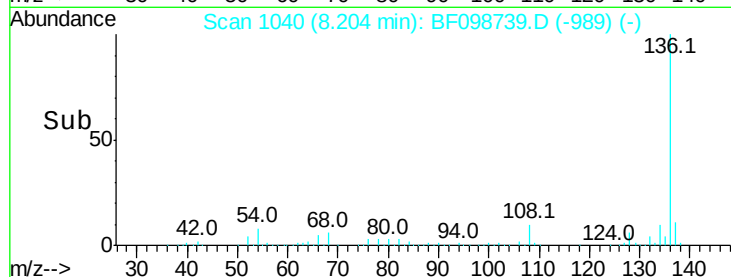
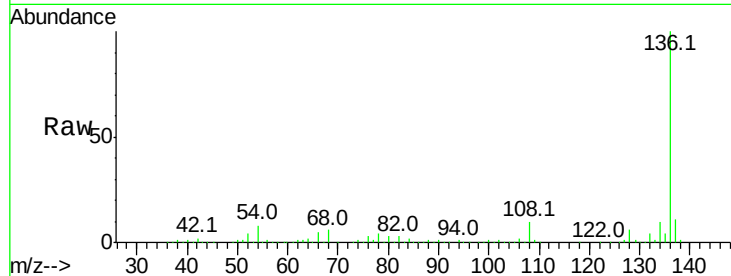
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	629542		
137	11.3		8.9	13.3
54	8.2		6.6	9.8
68	6.3		5.0	7.4

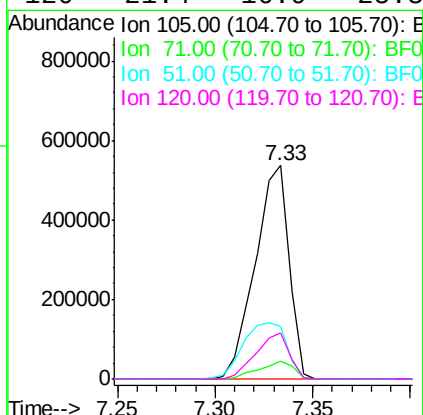
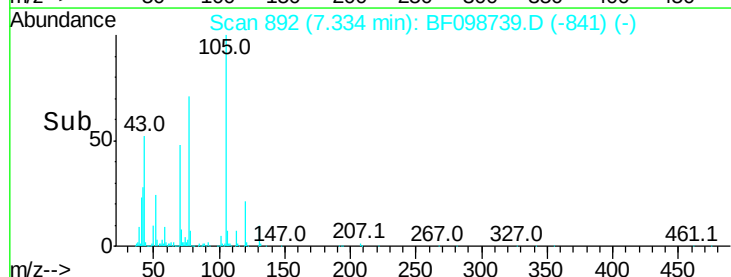
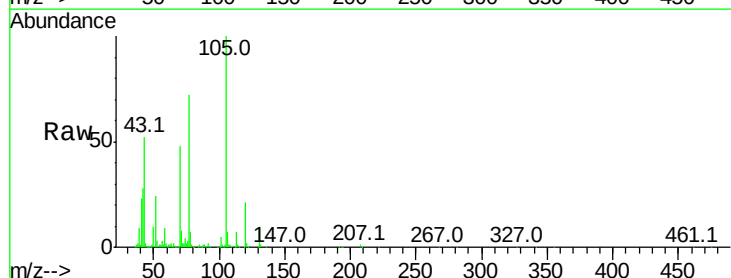
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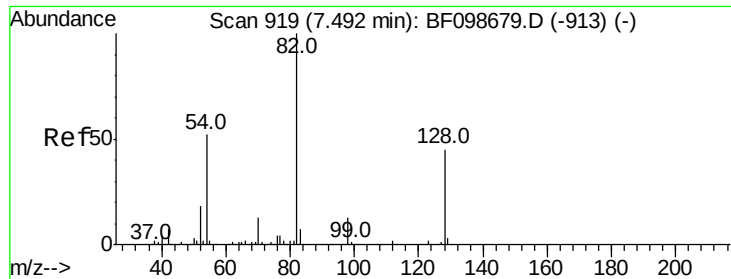
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#22
Acetophenone
Concen: 42.309 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	645325		
71	8.2		4.4	6.6#
51	24.3		22.3	33.5
120	21.4		16.9	25.3





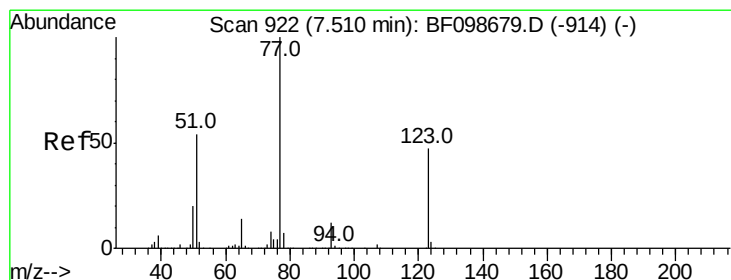
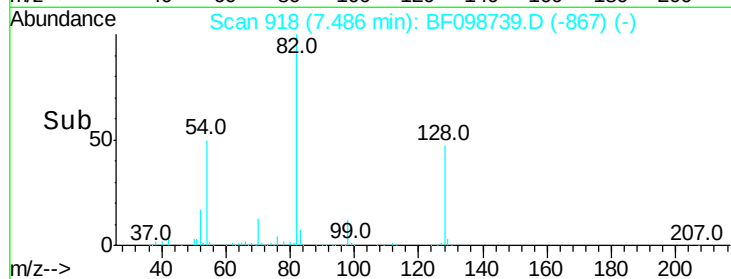
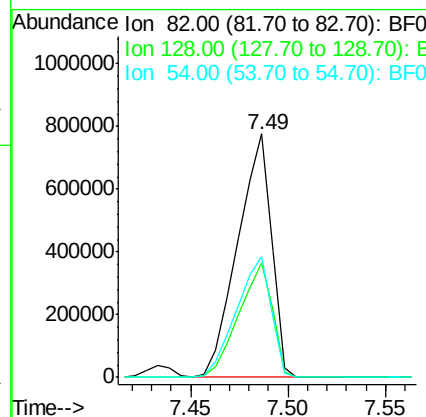
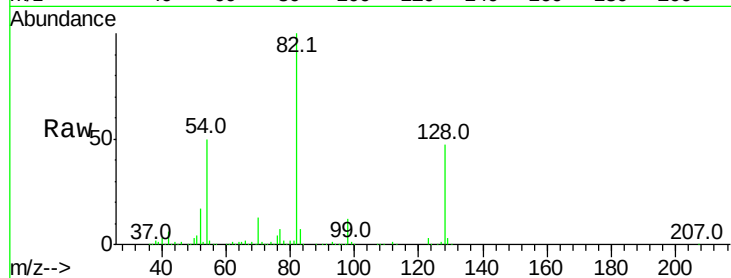
#23
 Nitrobenzene-d5
 Concen: 94.942 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampled :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	932013		
128	46.8	36.1	54.1	
54	49.8	41.4	62.2	

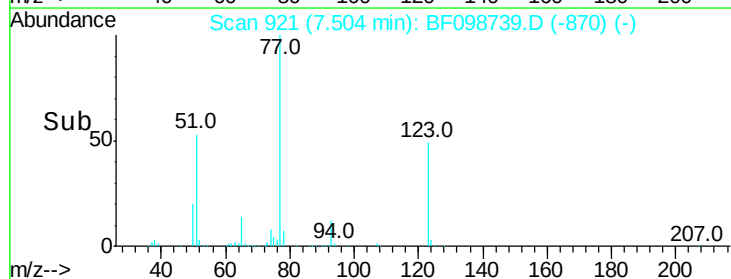
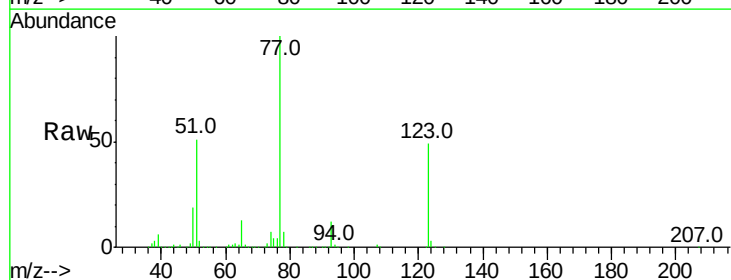
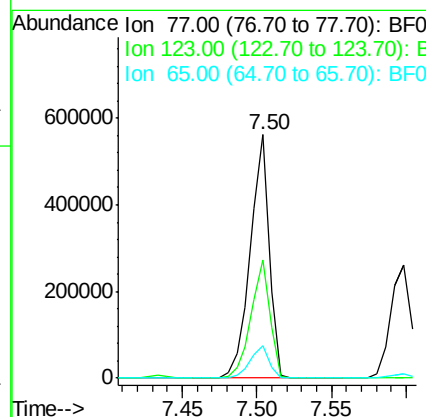
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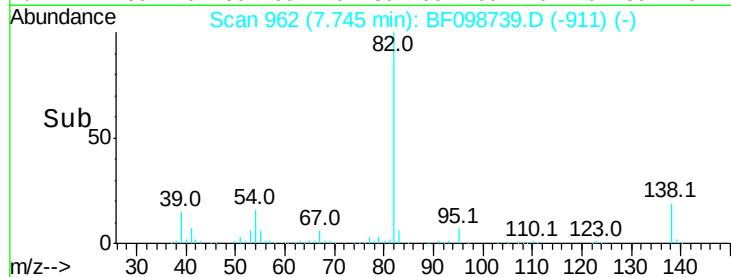
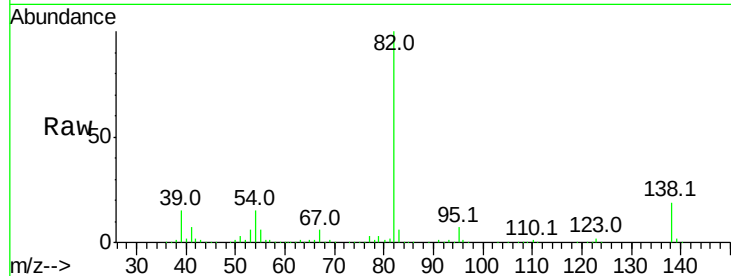
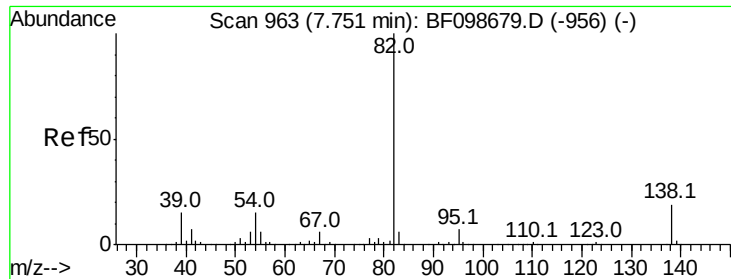
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#24
 Nitrobenzene
 Concen: 44.389 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	494306		
123	48.7	37.9	56.9	
65	13.4	11.0	16.4	





#25

Isophorone

Concen: 45.323 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tot Ion	82	Resp	919872
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.0	14.9	22.3

Instrument :

BNA_F

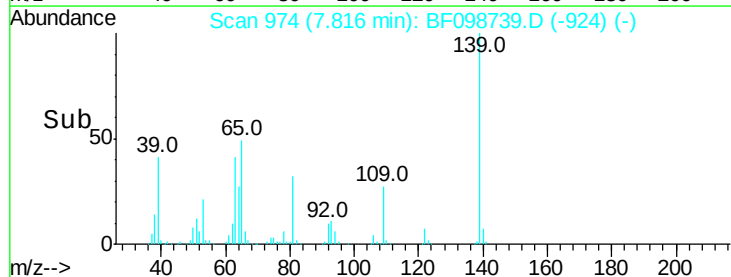
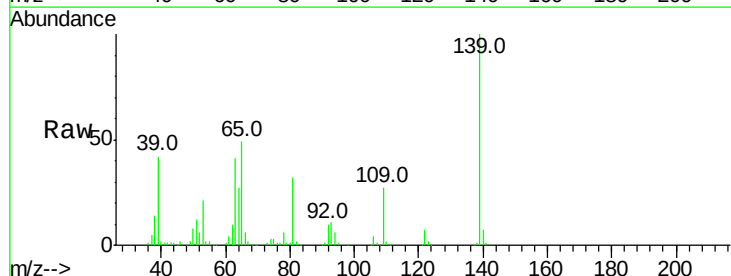
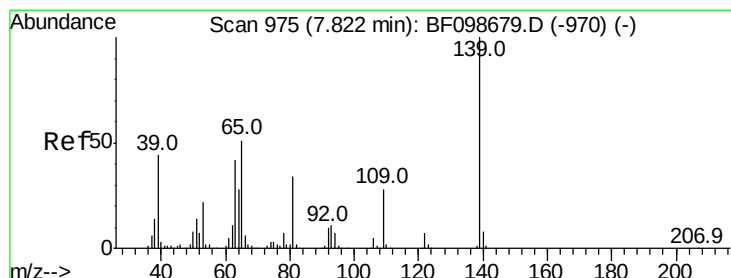
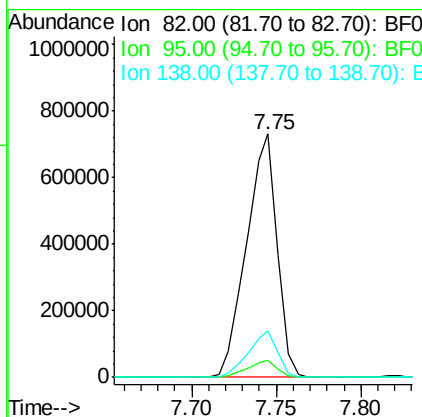
ClientSampled :

PB102553BS

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#26

2-Nitrophenol

Concen: 49.055 ng

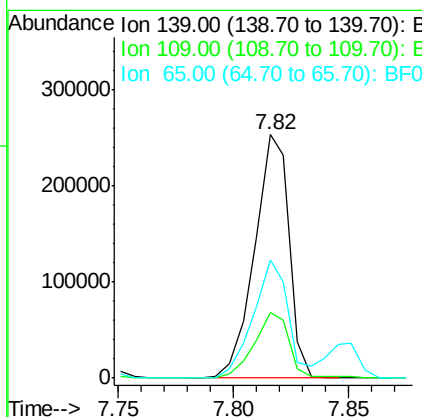
RT: 7.82 min Scan# 974

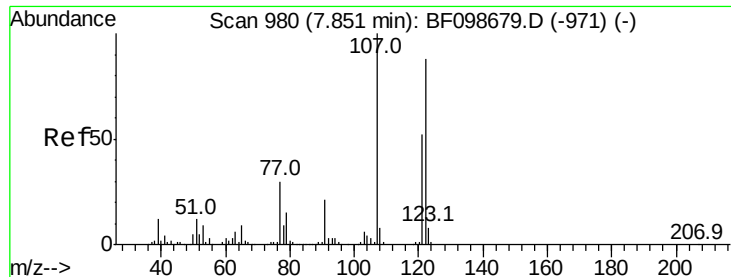
Delta R.T. -0.01 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion	139	Resp	262685
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	48.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.674 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

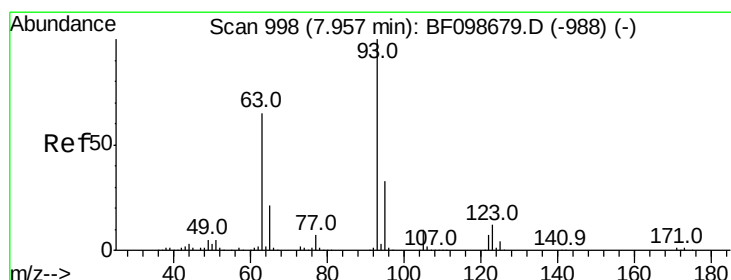
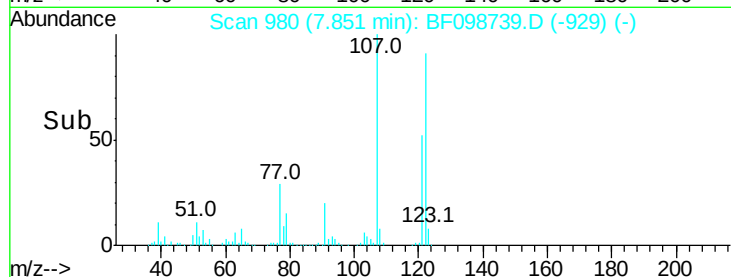
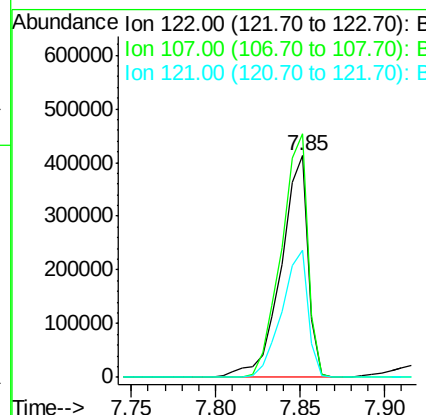
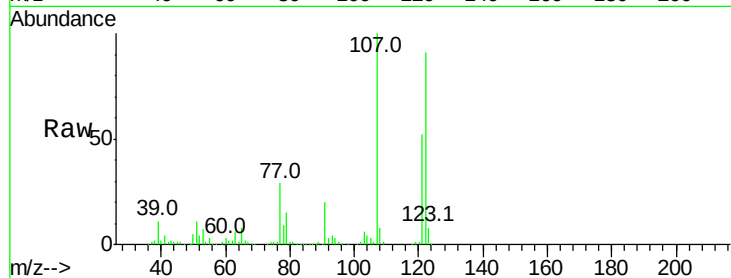
ClientSampleId :

PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	461896		
107	109.8	91.2	136.8	
121	57.6	47.2	70.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 47.263 ng

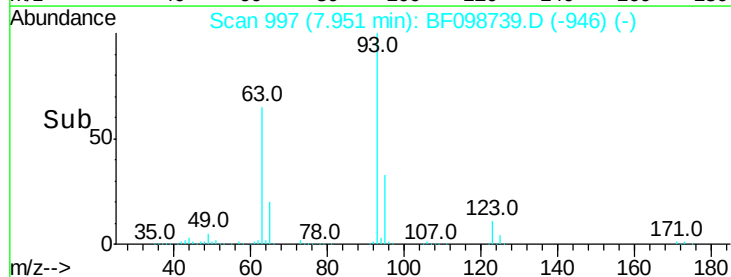
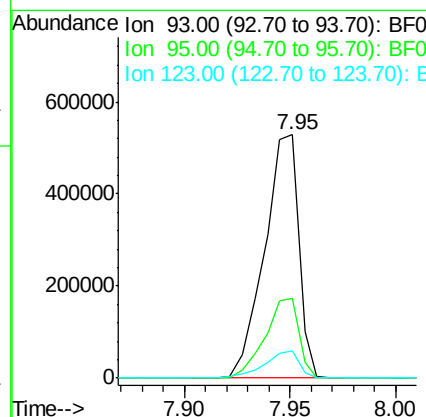
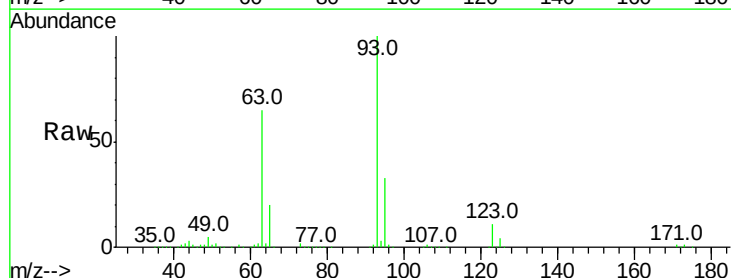
RT: 7.95 min Scan# 997

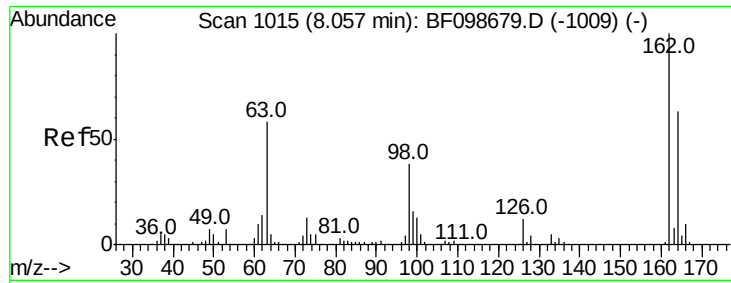
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	597790		
95	32.9	26.3	39.5	
123	11.0	9.8	14.6	





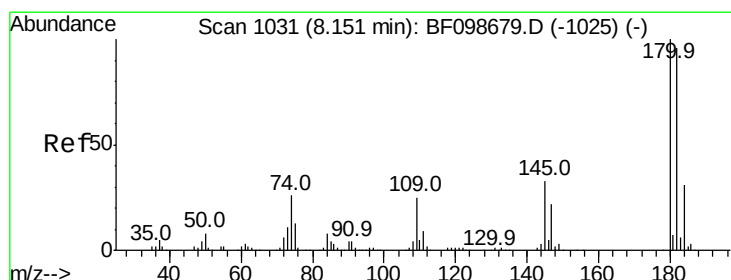
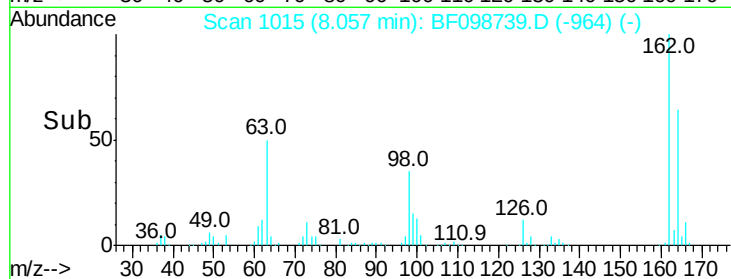
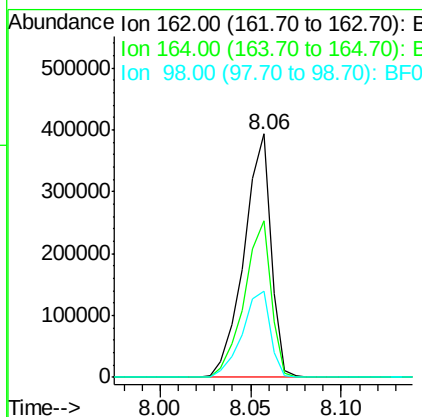
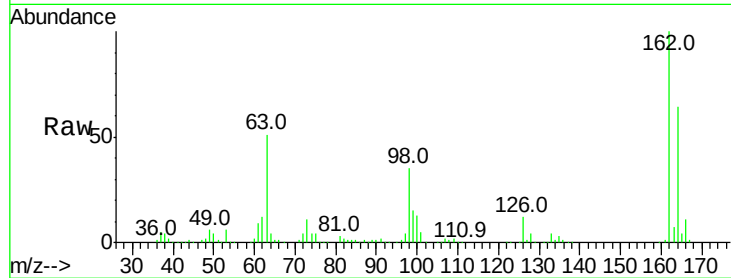
#29
 2,4-Dichlorophenol
 Concen: 46.835 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampled :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	406649		
164	64.3		42.7	82.7
98	35.2		18.1	58.1

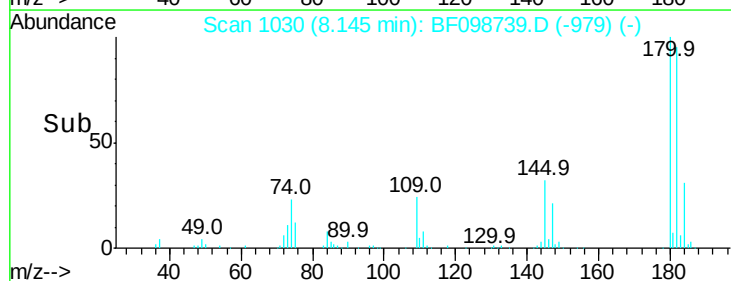
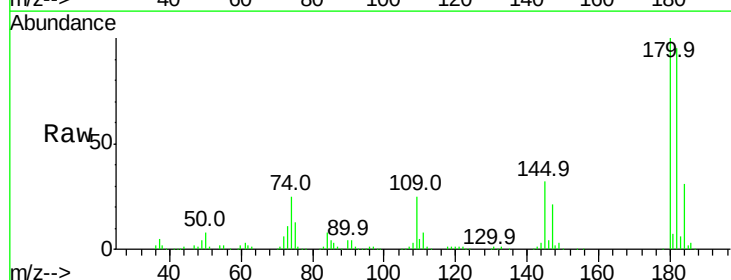
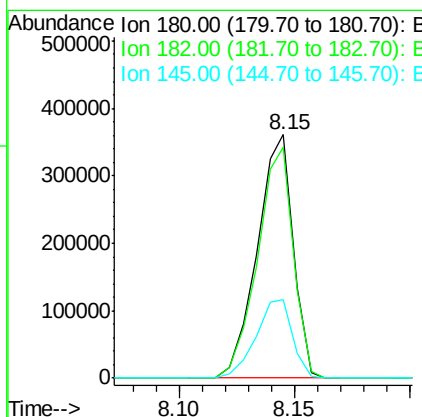
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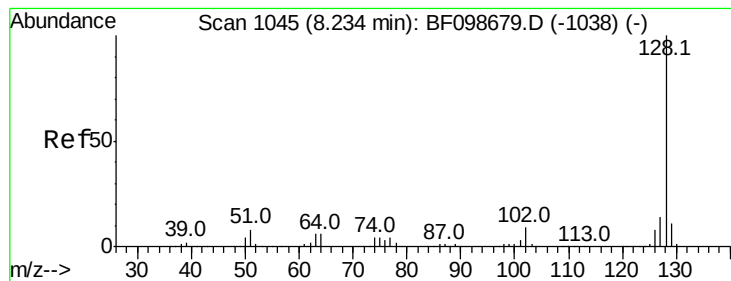
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.016 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390916		
182	94.9		76.8	115.2
145	32.5		26.5	39.7





#31

Naphthalene

Concen: 45.109 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB102553BS

Tot Ion:128 Resp: 1333736

Ion Ratio Lower Upper

128 100

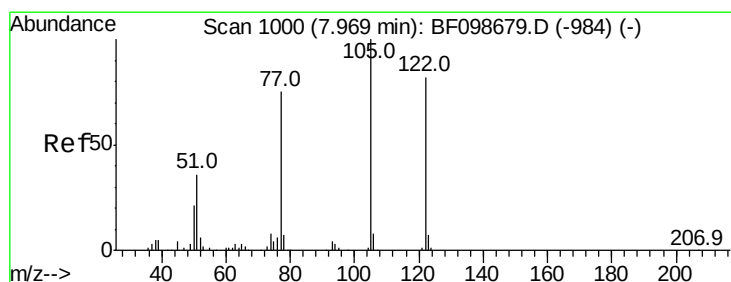
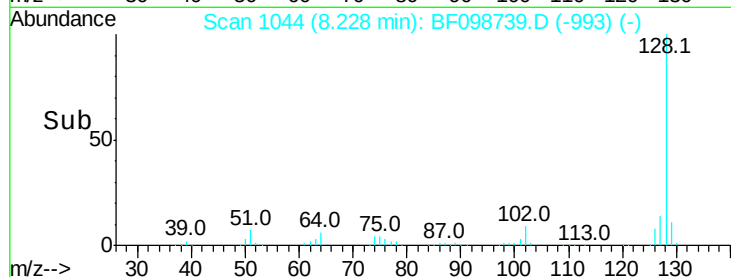
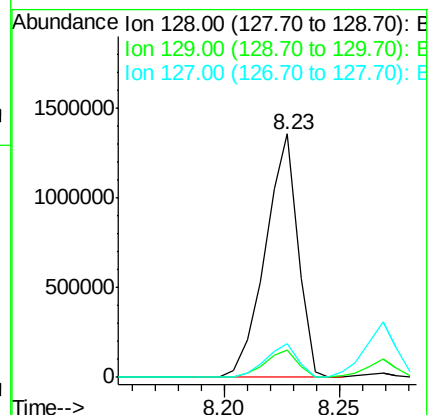
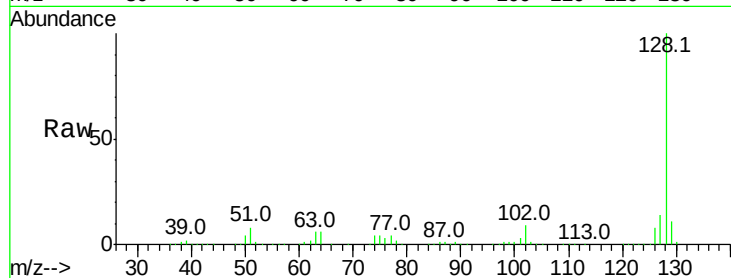
129 11.1 8.8 13.2

127 13.7 10.9 16.3

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#32

Benzoic acid

Concen: 5.416 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.05 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

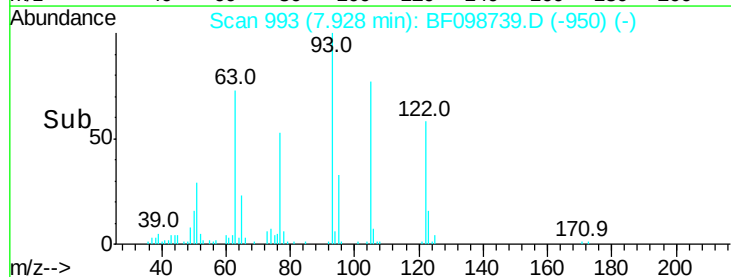
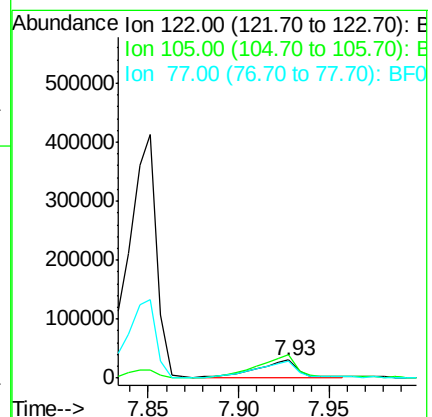
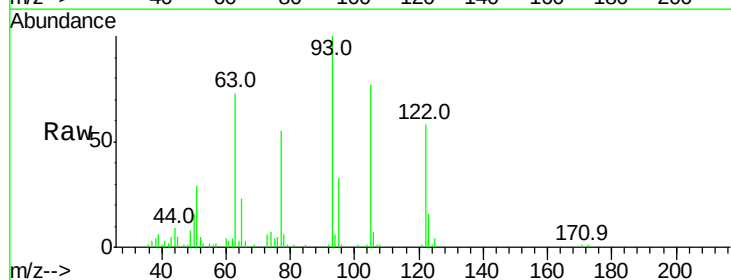
Tgt Ion:122 Resp: 44987

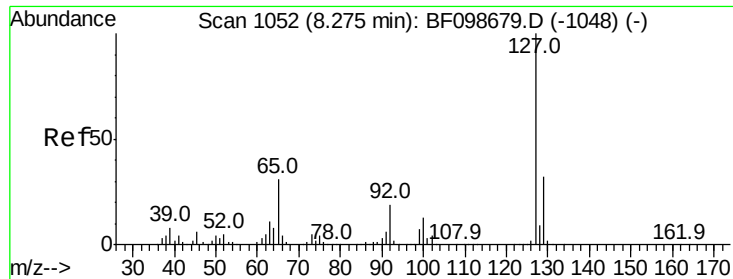
Ion Ratio Lower Upper

122 100

105 133.3 101.1 141.1

77 95.8 70.7 110.7





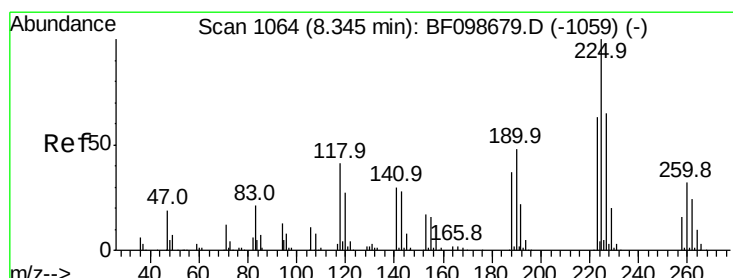
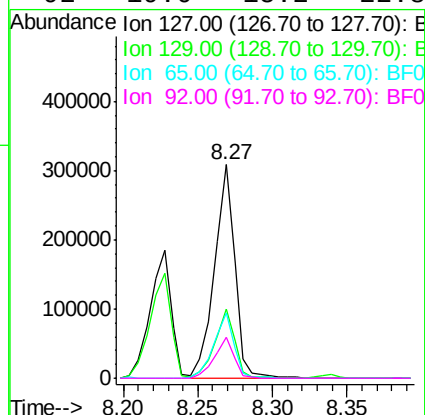
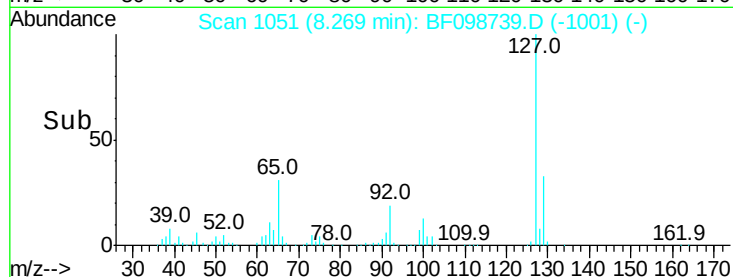
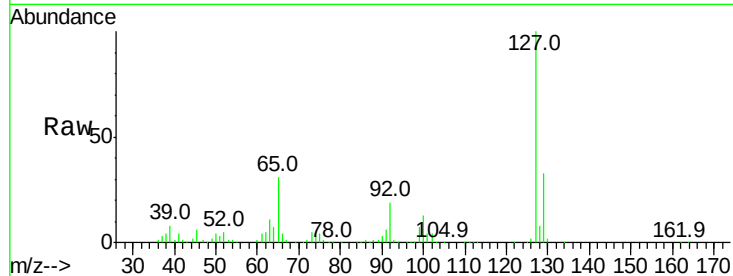
#33
4-Chloroaniline
Concen: 23.754 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	30.8	25.0	37.4		
92	19.0	15.2	22.8		

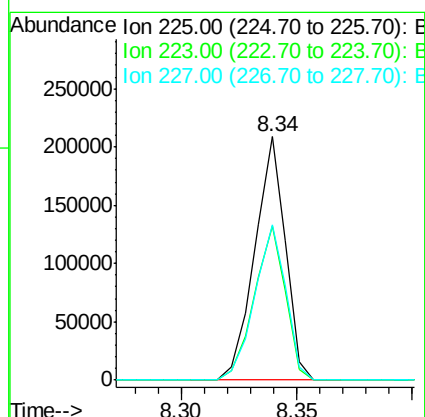
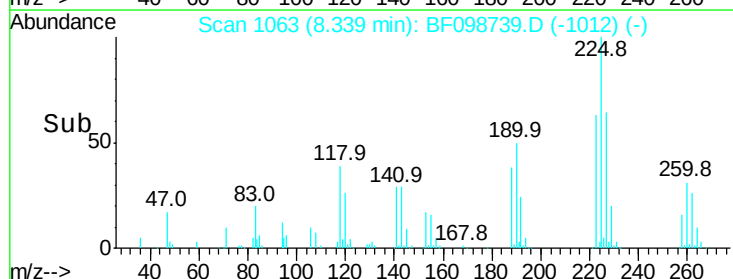
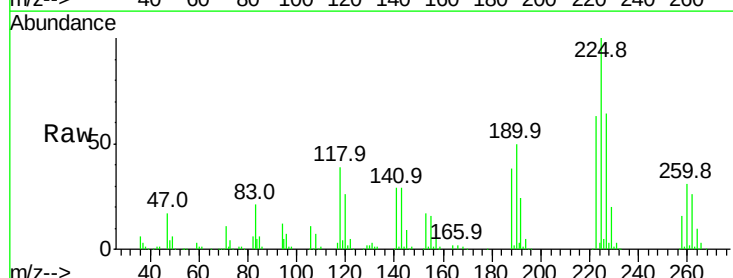
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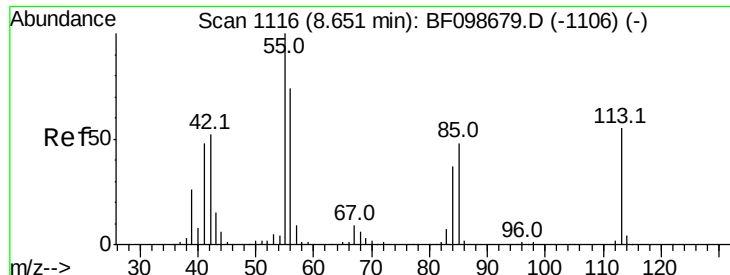
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#34
Hexachlorobutadiene
Concen: 43.211 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.6	76.0		
227	64.0	51.9	77.9		





#35

Caprolactam

Concen: 48.025 ng/ml

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB102553BS

Tot Ion:113 Resp: 133758

Ion Ratio Lower Upper

113 100

55 187.5 163.3 203.3

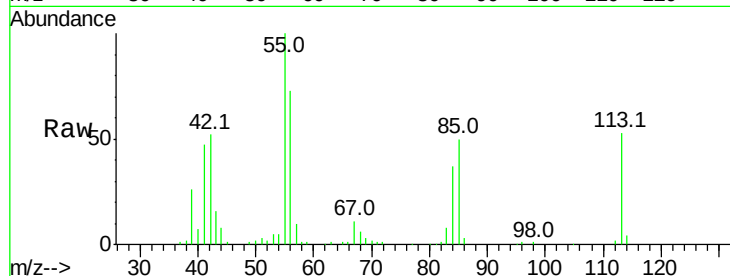
56 136.7 115.7 155.7

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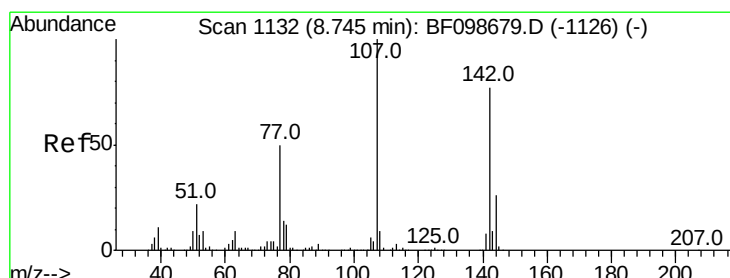
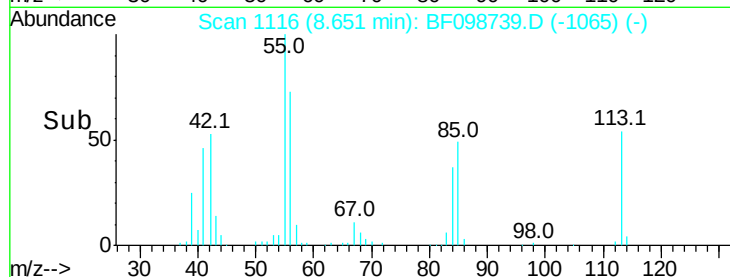
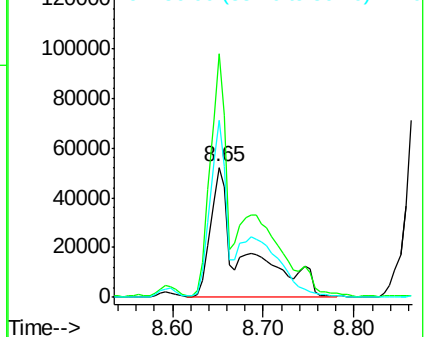
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.375 ng/ml

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

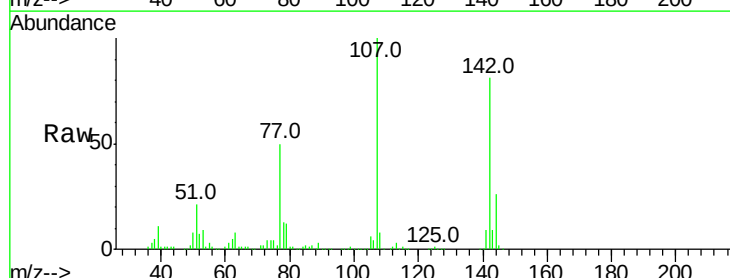
Tgt Ion:107 Resp: 442824

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

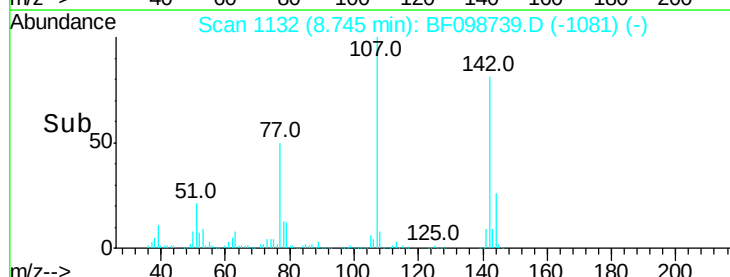
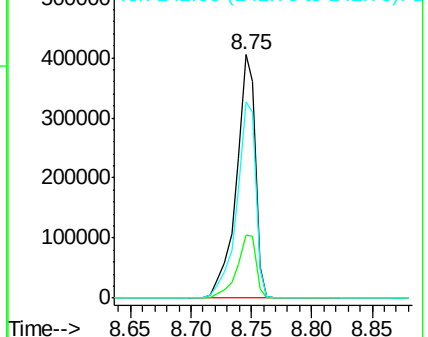
142 80.7 62.0 93.0

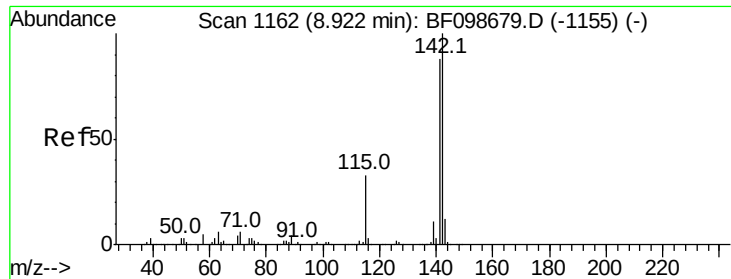


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





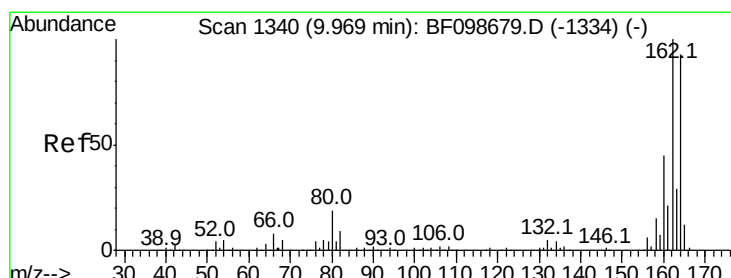
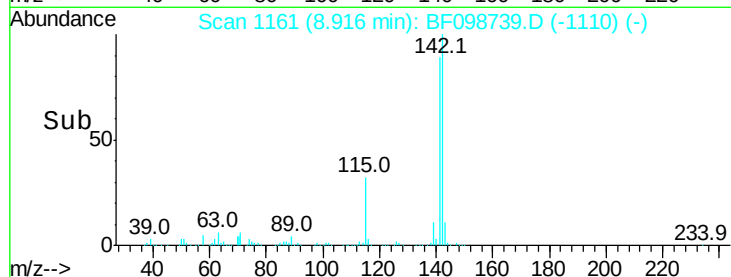
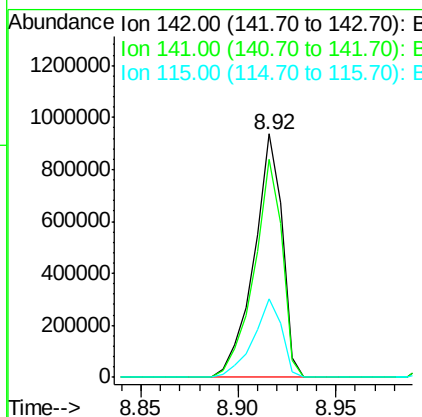
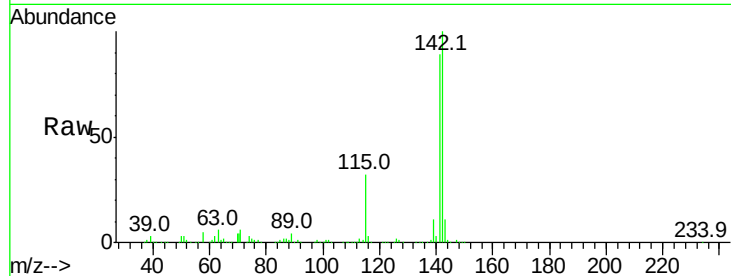
#37
2-Methylnaphthalene
Concen: 48.883 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	939590		
141	89.3	70.8	106.2	
115	32.4	26.1	39.1	

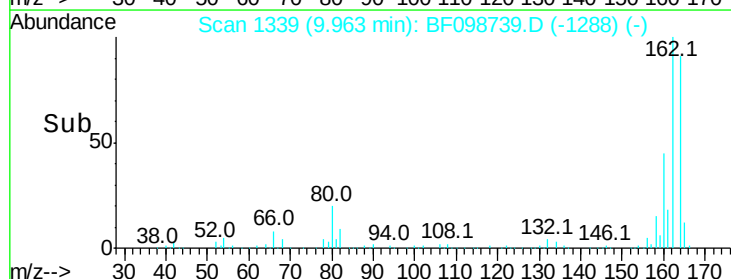
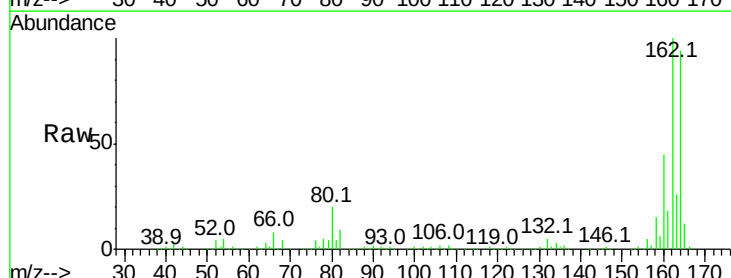
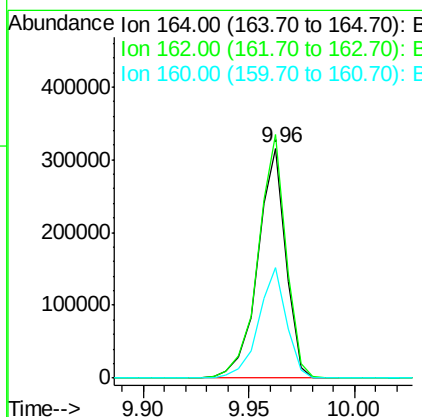
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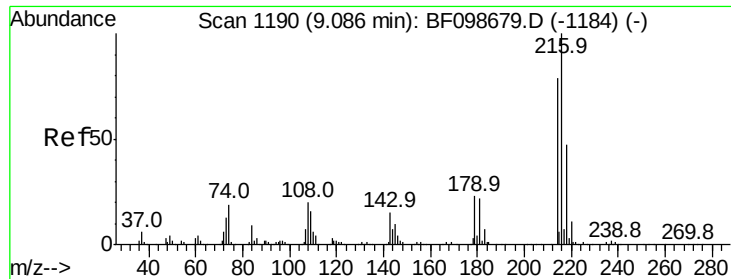
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	291631		
162	105.9	86.1	129.1	
160	47.8	38.3	57.5	





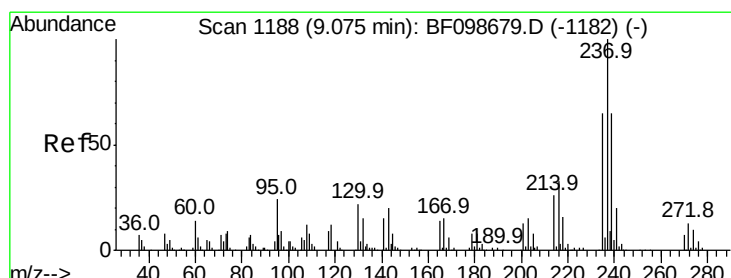
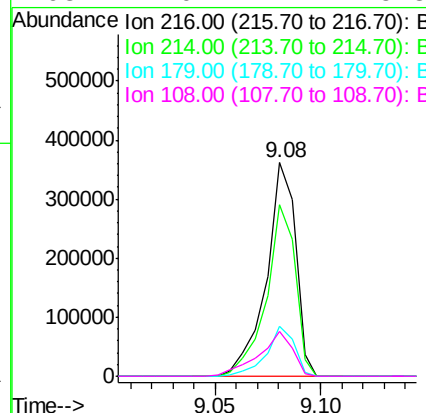
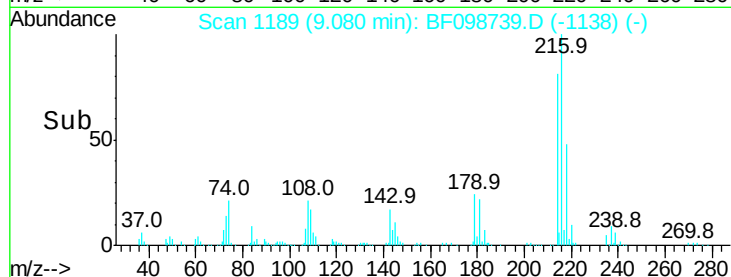
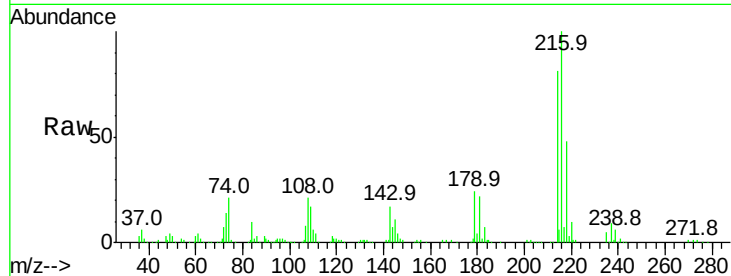
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.250 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.7	18.1	27.1
108	24.0	17.2	25.8

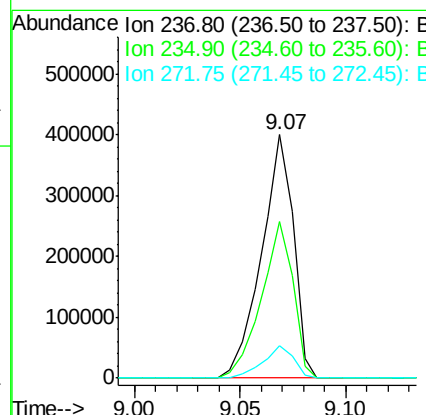
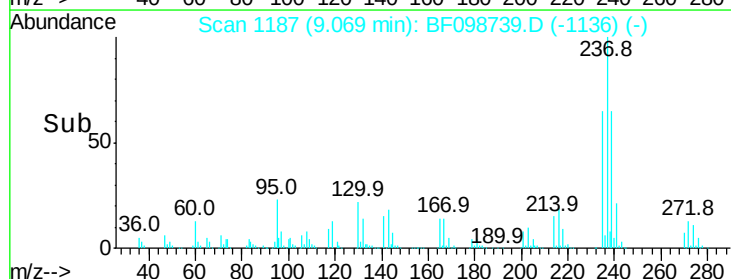
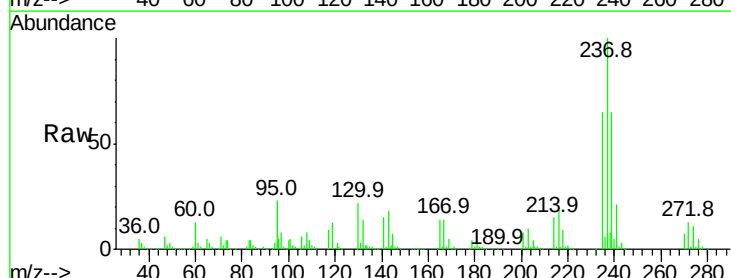
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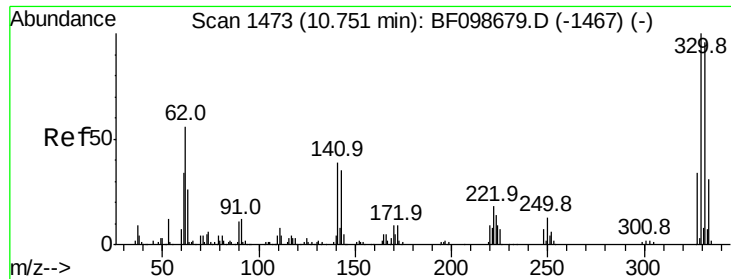
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#40
 Hexachlorocyclopentadiene
 Concen: 105.731 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.3	0.0	33.3





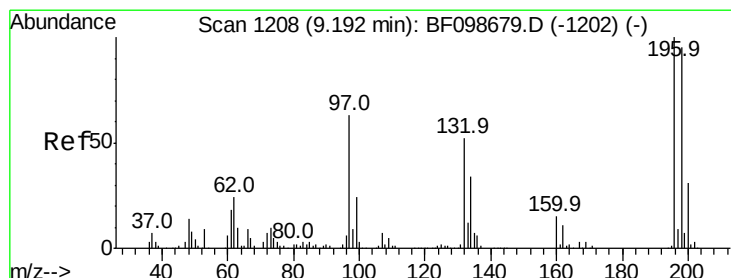
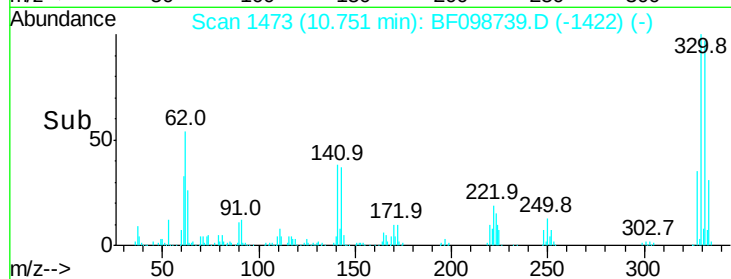
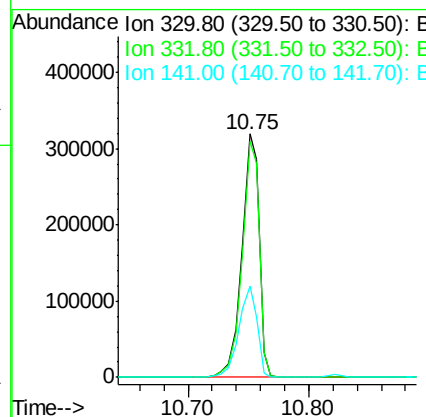
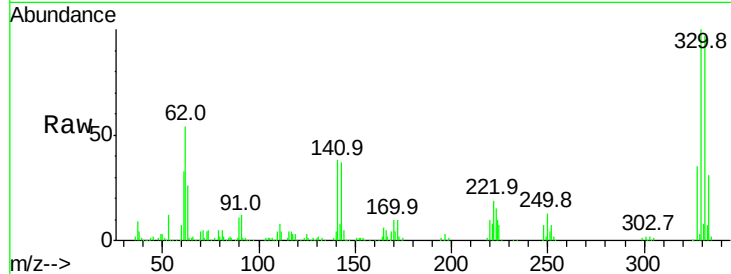
#41
 2,4,6-Tribromophenol
 Concen: 133.769 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	319218		
332	96.3	77.0	115.6	
141	39.8	29.9	44.9	

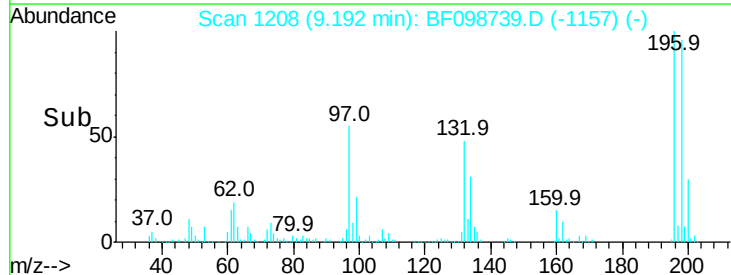
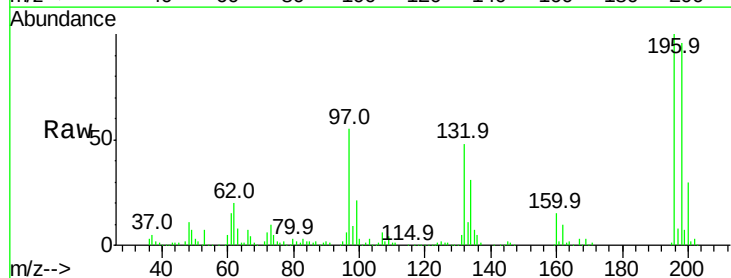
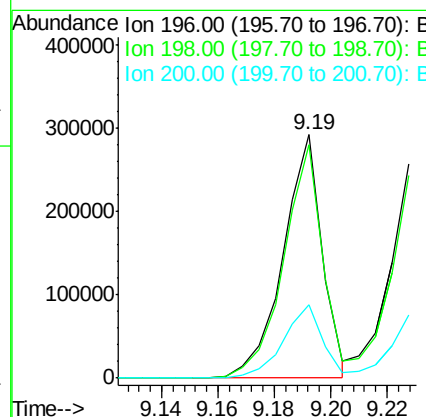
Manual Integrations
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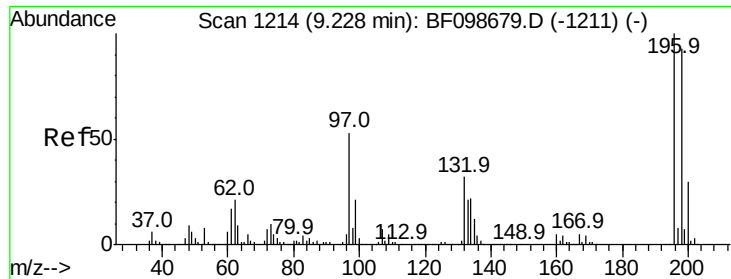
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#42
 2,4,6-Trichlorophenol
 Concen: 45.366 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279516		
198	95.8	75.7	113.5	
200	30.4	24.5	36.7	





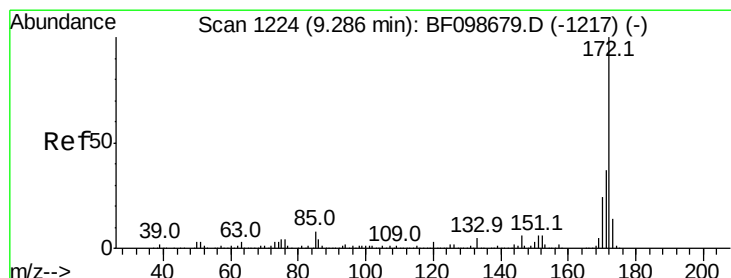
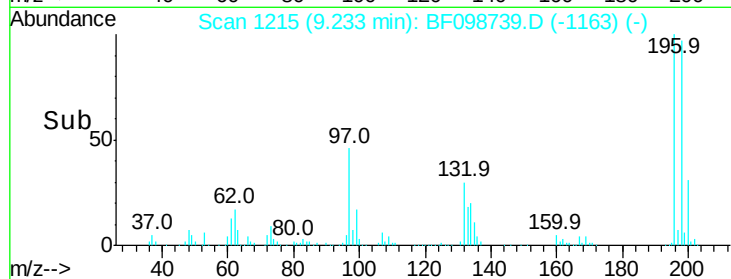
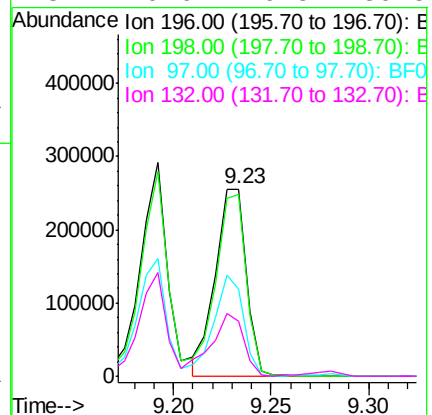
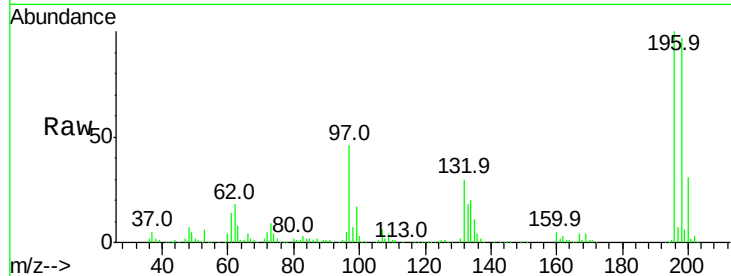
#43
 2,4,5-Trichlorophenol
 Concen: 46.066 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	283333		
198	97.3		74.6	112.0
97	46.1		42.9	64.3
132	29.6		26.3	39.5

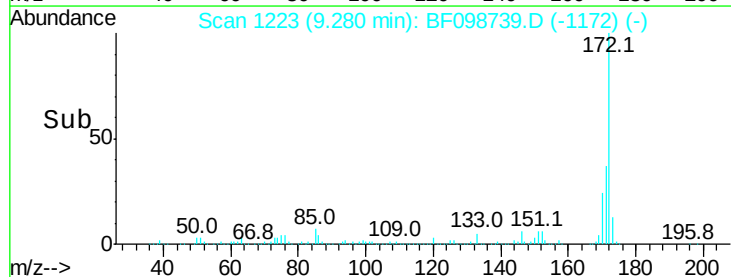
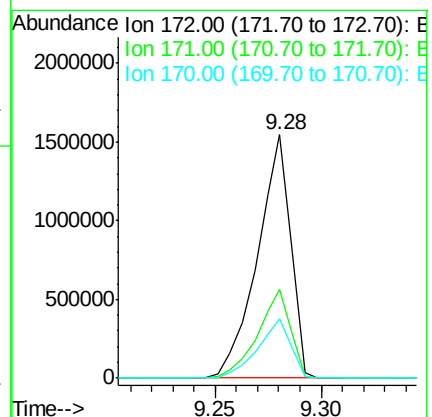
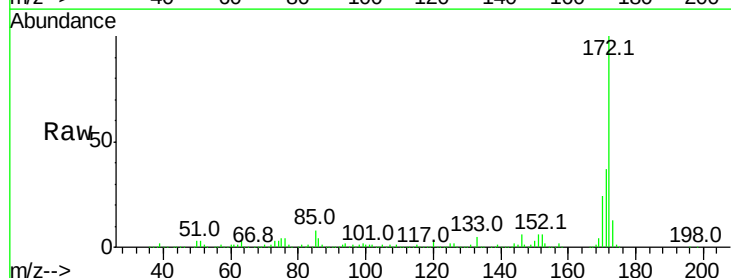
Manual Integrations
 APPROVED

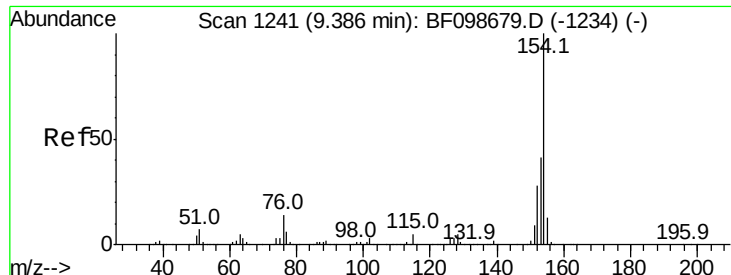
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 96.460 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1685061		
171	36.6		29.7	44.5
170	24.4		19.6	29.4





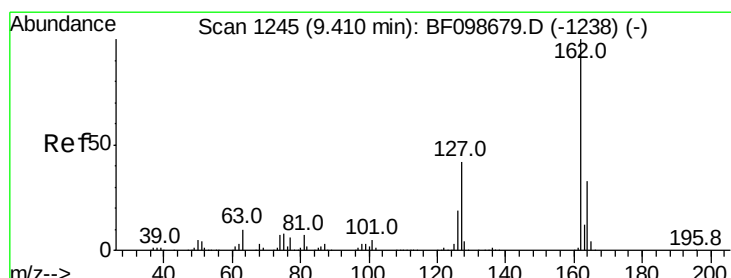
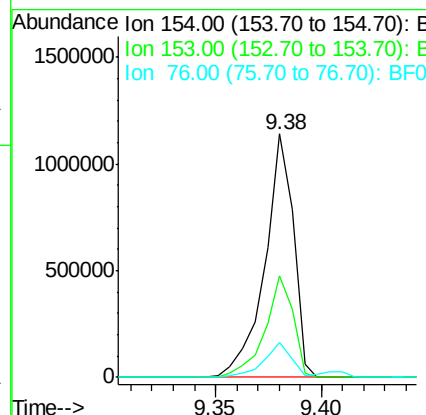
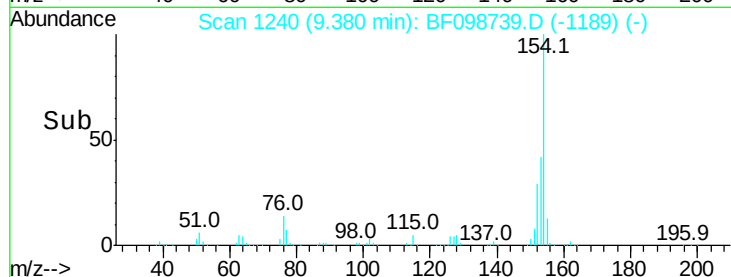
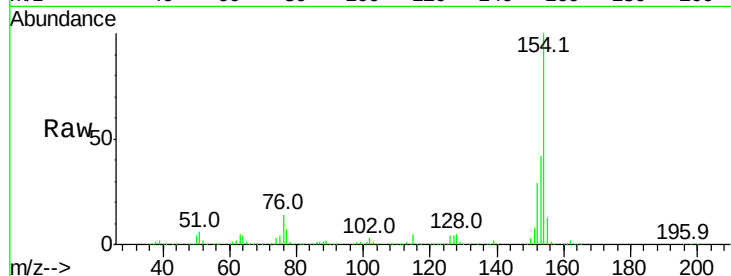
#45
1,1'-Biphenyl
Concen: 42.955 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	14.1	0.0	34.0

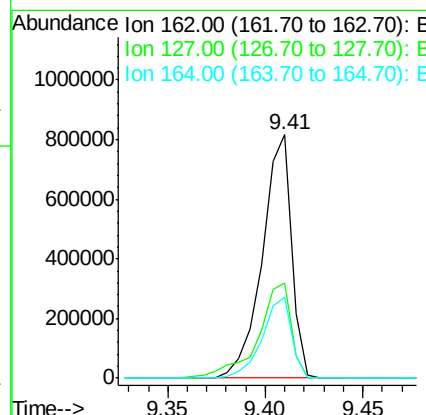
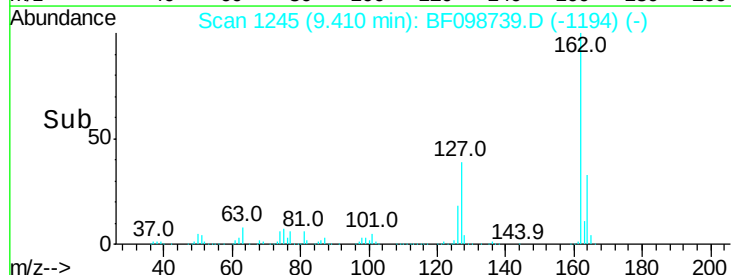
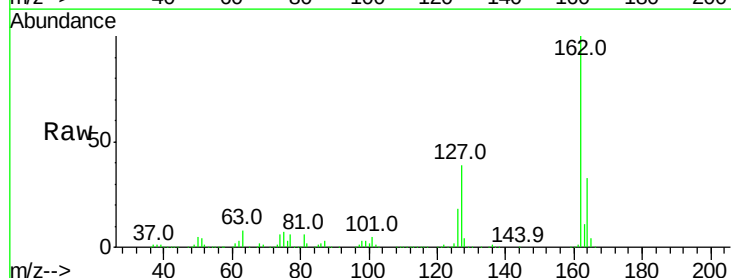
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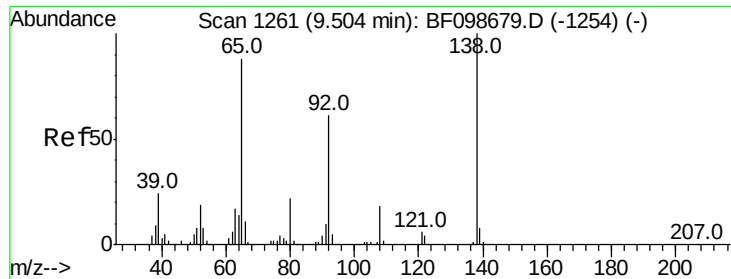
Sohil
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#46
2-Chloronaphthalene
Concen: 44.980 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	33.2	26.5	39.7





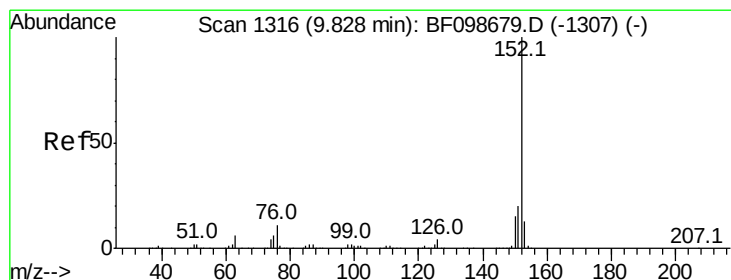
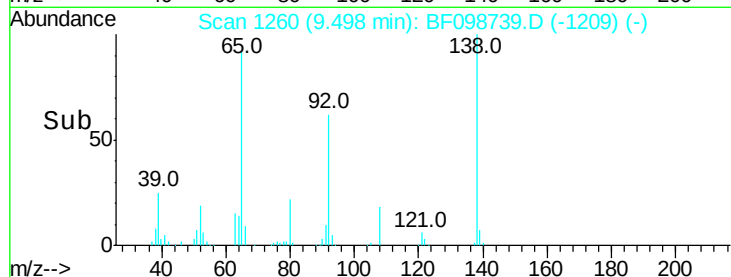
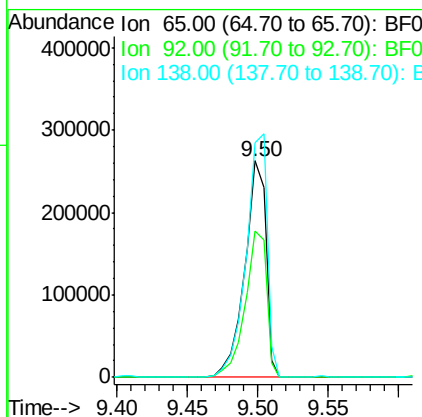
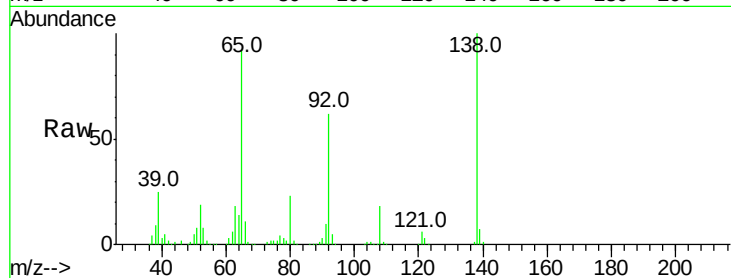
#47
2-Nitroaniline
Concen: 48.014 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.8	83.6
138	108.8	91.2	136.8

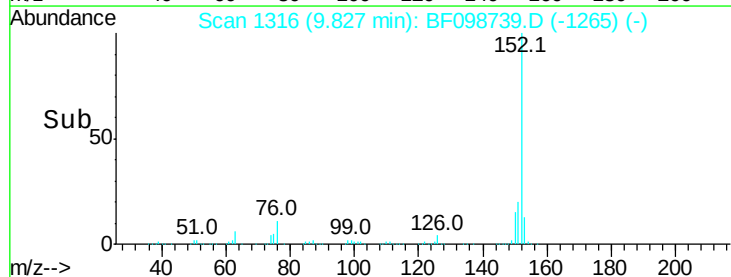
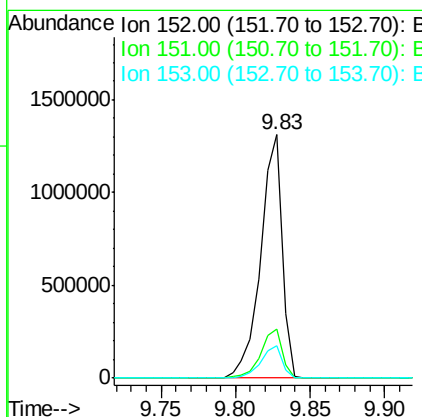
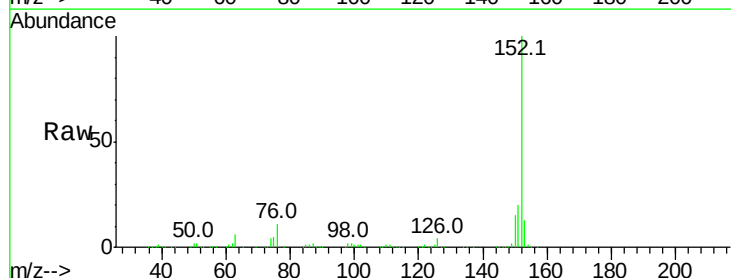
Manual Integrations
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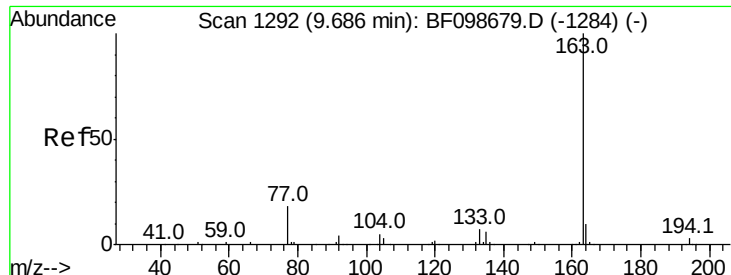
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#48
Acenaphthylene
Concen: 44.834 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.1	10.7	16.1





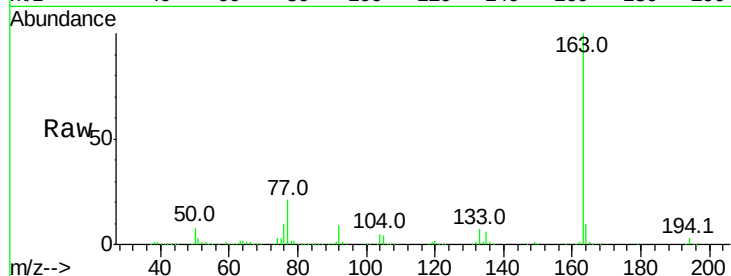
#49
Dimethylphthalate
Concen: 45.196 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampled :
PB102553BS

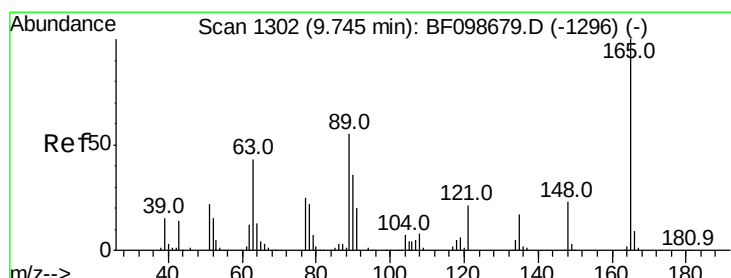
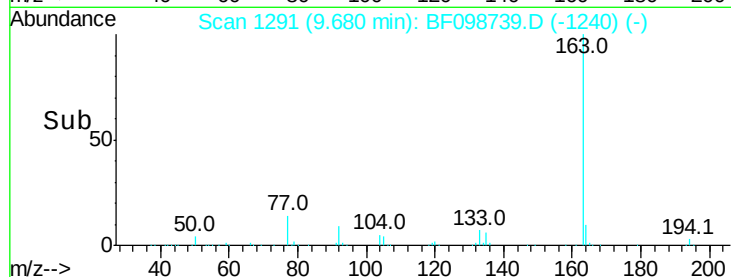
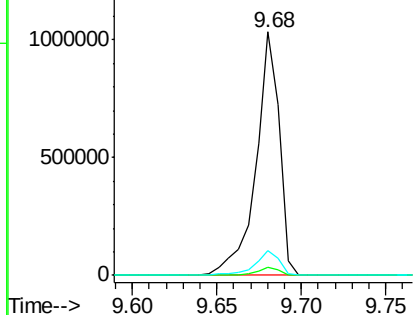
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.3	8.2	12.2	

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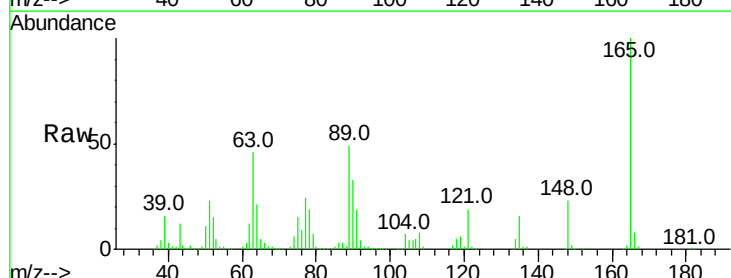


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

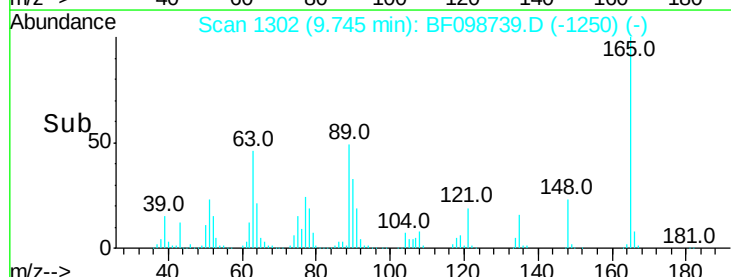
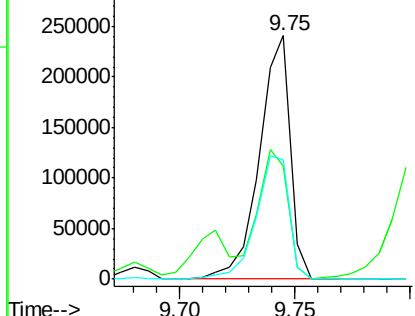


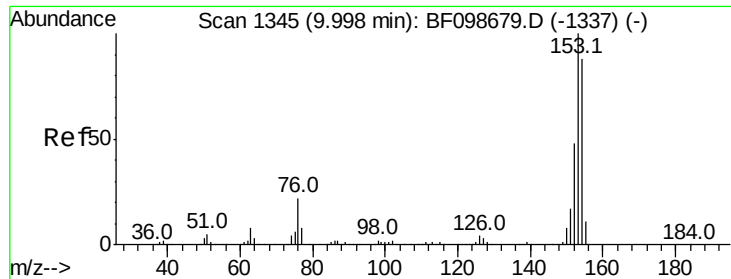
#50
2,6-Dinitrotoluene
Concen: 46.884 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.4	44.7	67.1	
89	49.0	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.589 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

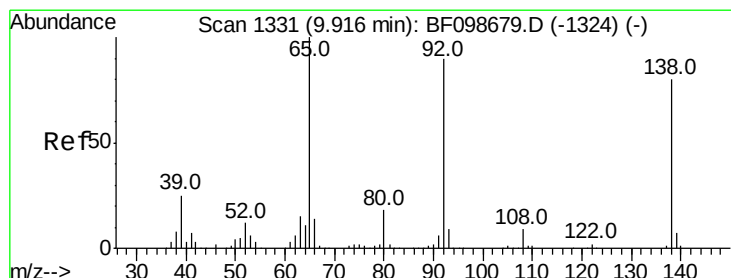
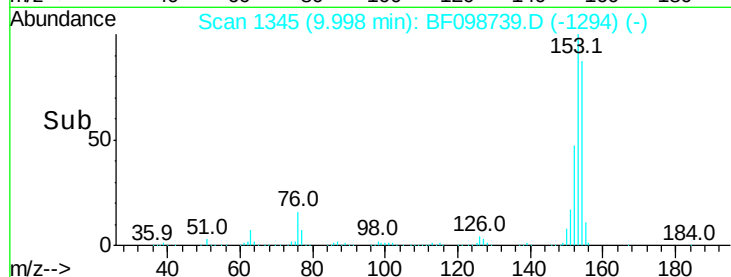
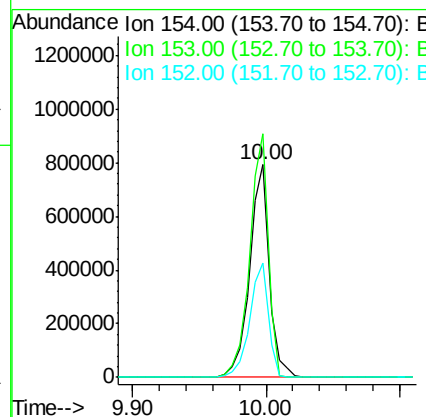
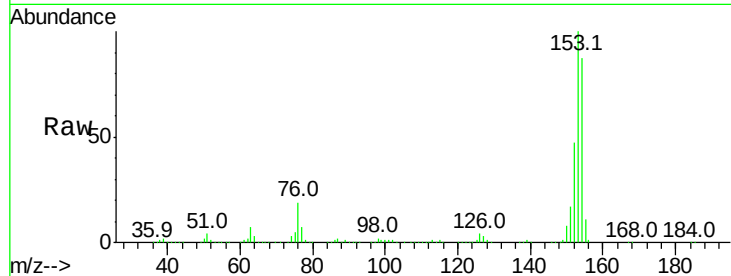
ClientSampleId :

PB102553BS

Tot Ion:	154	Resp:	795433
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	54.0	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.163 ng

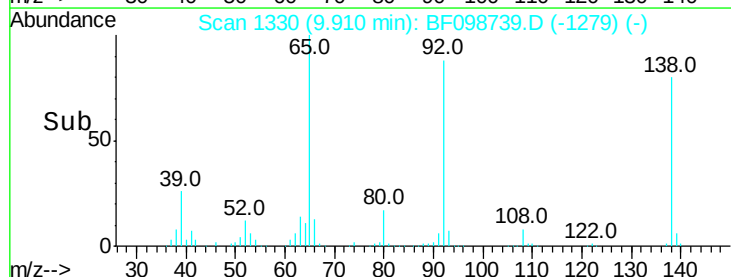
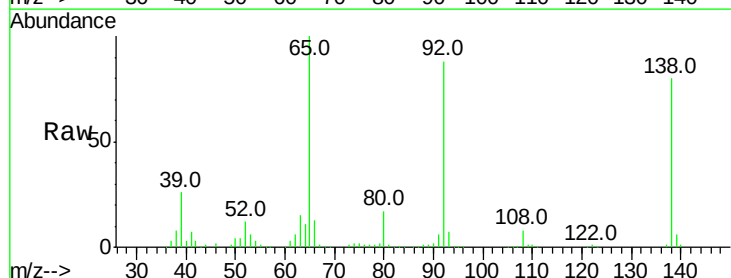
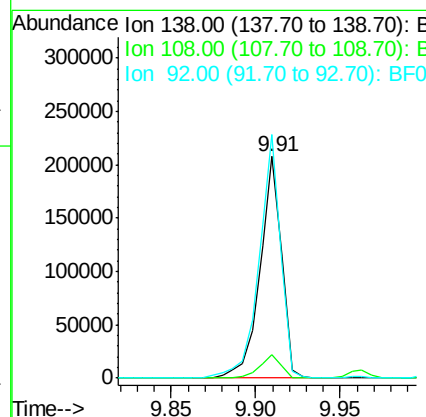
RT: 9.91 min Scan# 1330

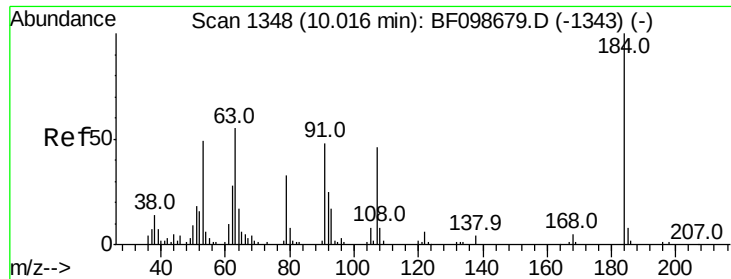
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:	138	Resp:	185294
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	109.9	89.4	134.2





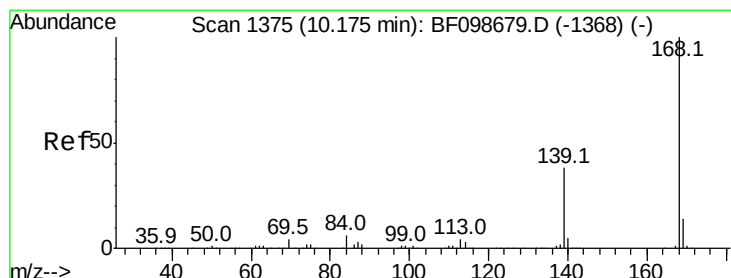
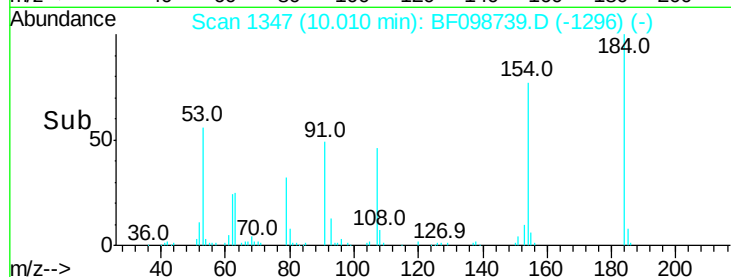
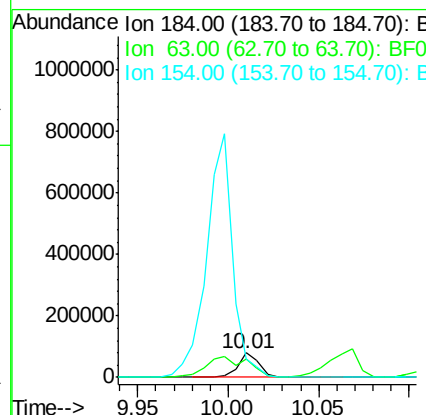
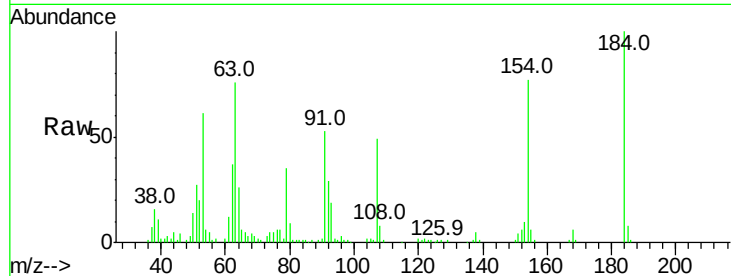
#53
2,4-Dinitrophenol
Concen: 29.057 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampled :
PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	62505		
63	75.5	54.2	81.2	
154	77.4	53.5	80.3	

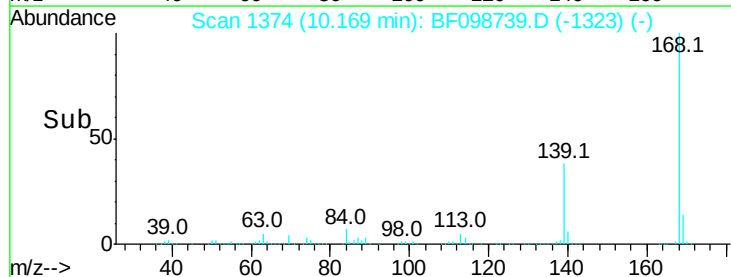
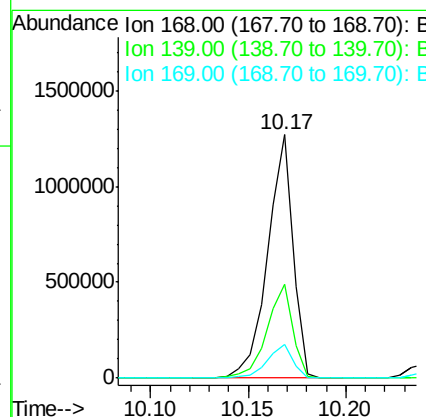
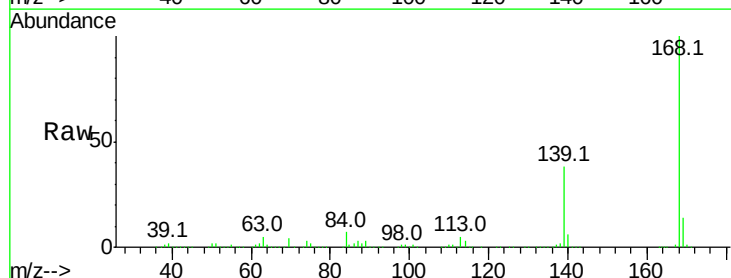
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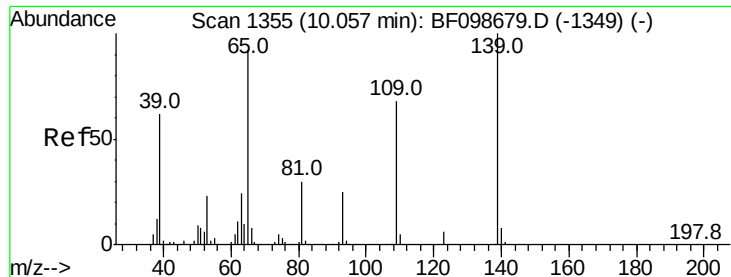
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#54
Dibenzofuran
Concen: 47.118 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1144841		
139	38.4	30.1	45.1	
169	13.6	10.9	16.3	





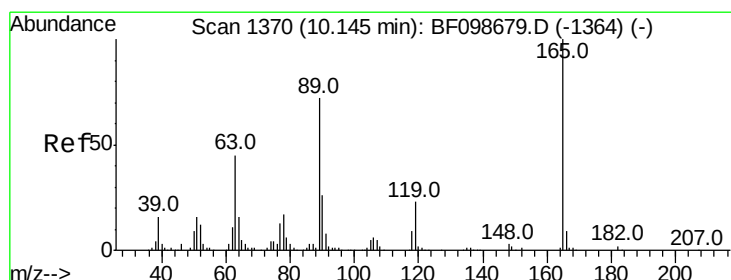
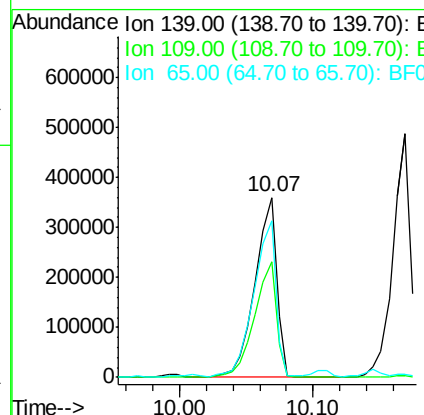
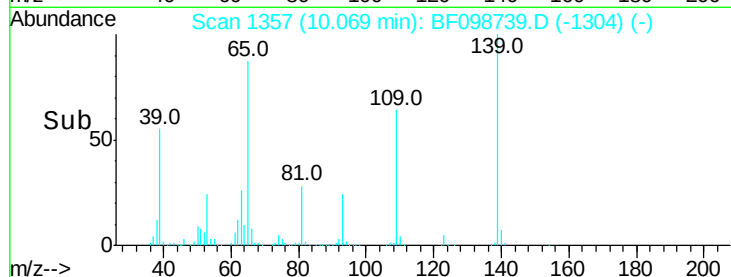
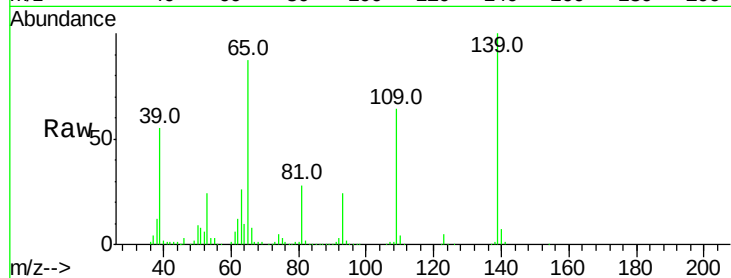
#55
4-Nitrophenol
Concen: 85.142 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	402251		
109	64.3	48.4	88.4	
65	87.2	72.6	112.6	

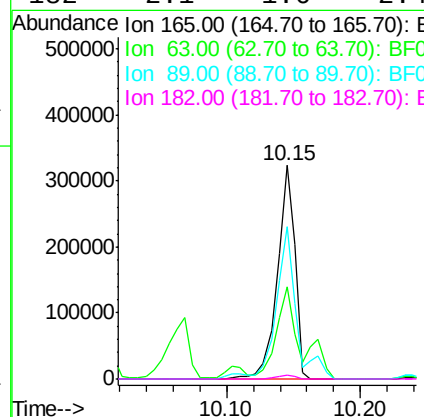
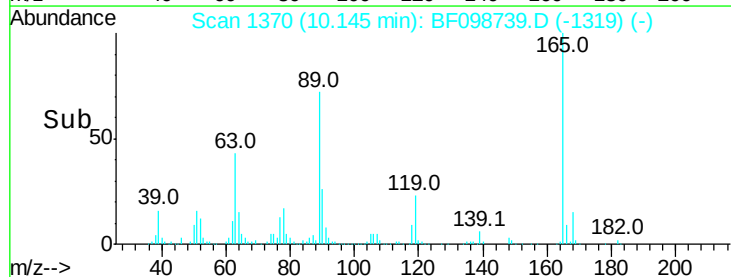
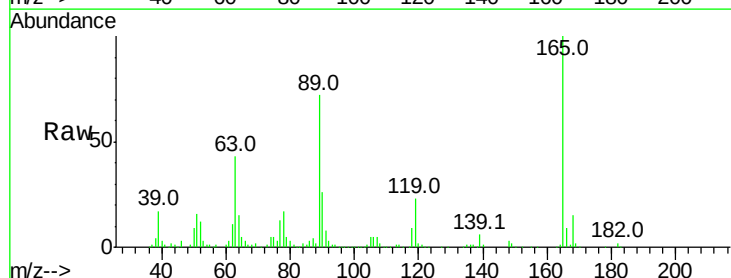
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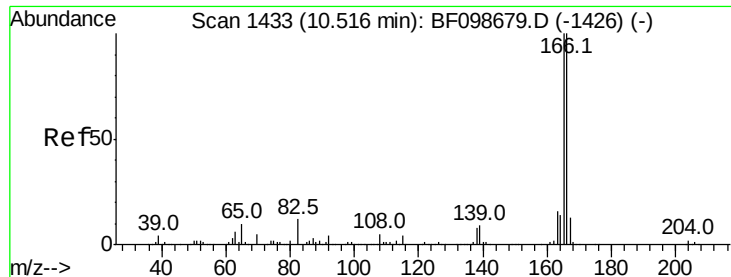
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#56
2,4-Dinitrotoluene
Concen: 47.892 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	297839		
63	43.3	36.4	54.6	
89	71.6	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 44.453 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

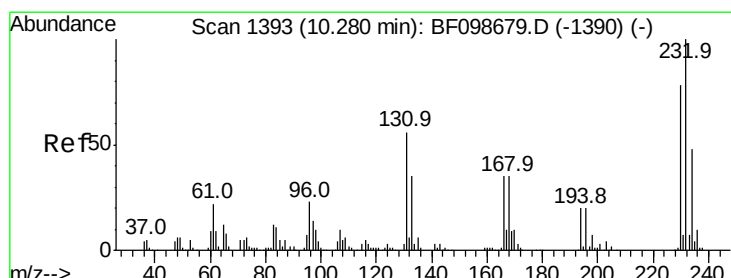
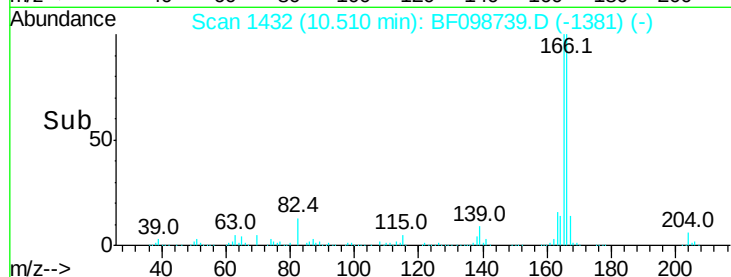
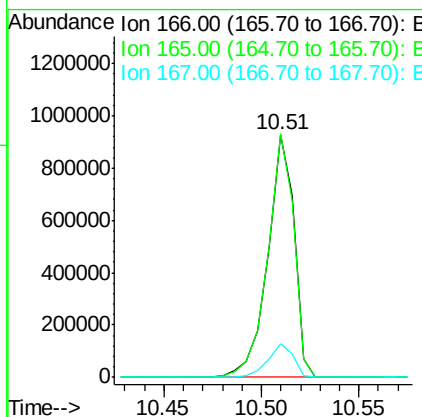
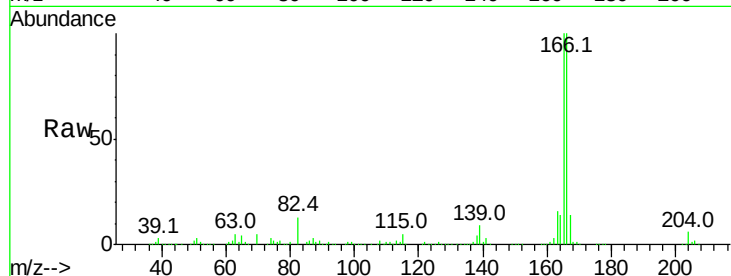
ClientSampleId :

PB102553BS

Tot Ion:	166	Resp:	868125
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.085 ng

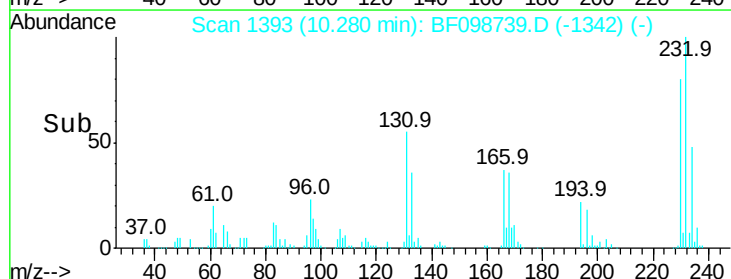
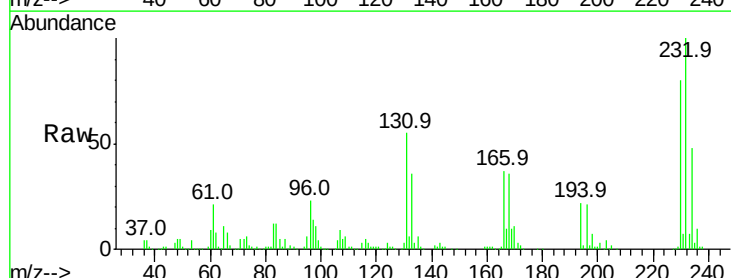
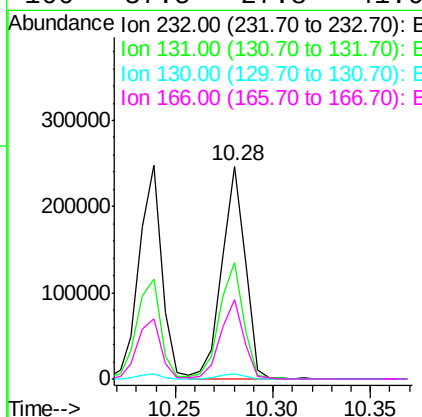
RT: 10.28 min Scan# 1393

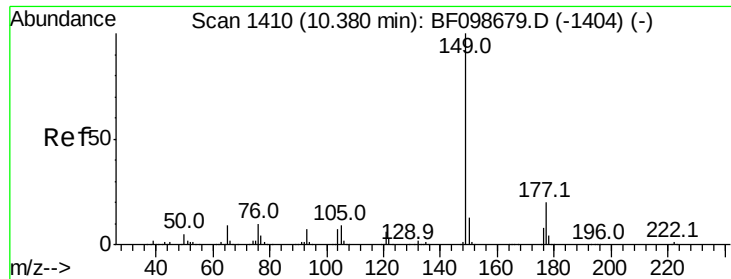
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:	232	Resp:	204304
Ion Ratio	Lower	Upper	
232	100		
131	55.6	43.8	65.8
130	2.8	2.1	3.1
166	37.5	27.8	41.6





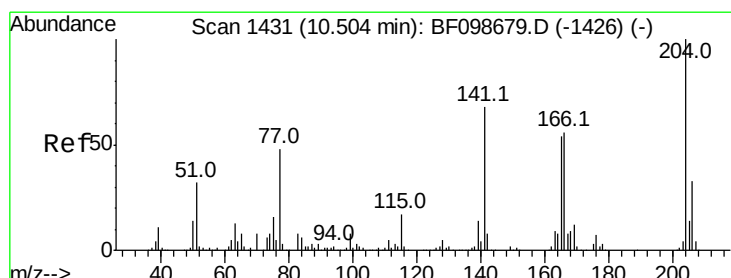
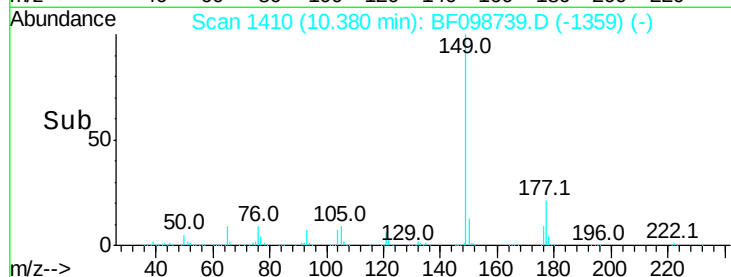
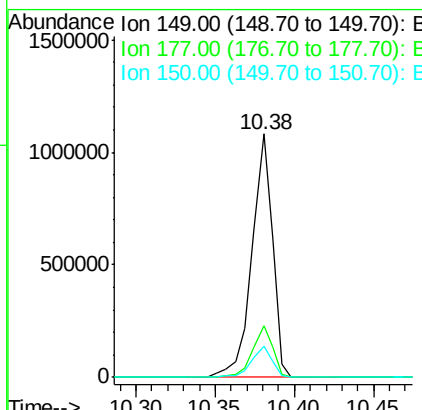
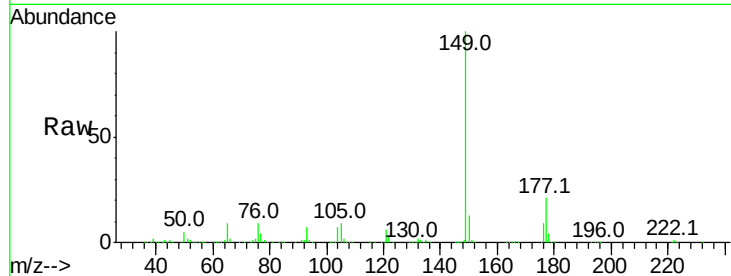
#59
Diethylphthalate
Concen: 45.265 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampled :
PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	973546		
177	21.0		16.1	24.1
150	12.8		10.1	15.1

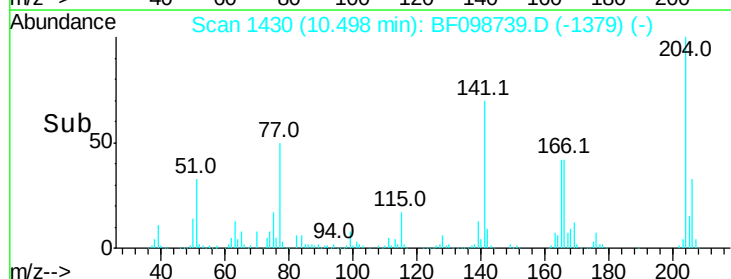
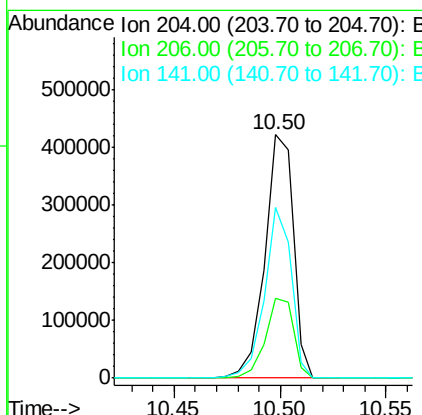
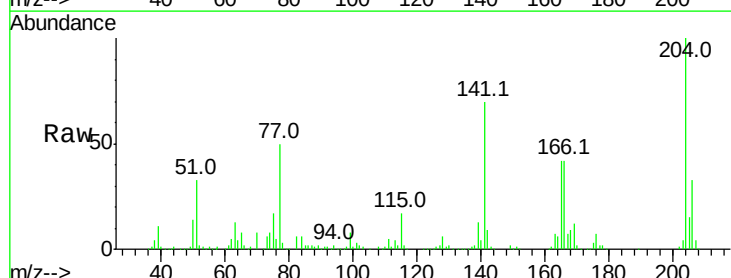
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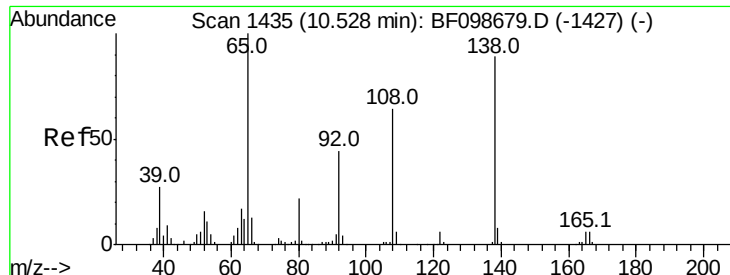
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 45.088 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	395534		
206	33.0		26.5	39.7
141	70.3		54.6	81.8





#61

4-Nitroaniline

Concen: 45.786 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

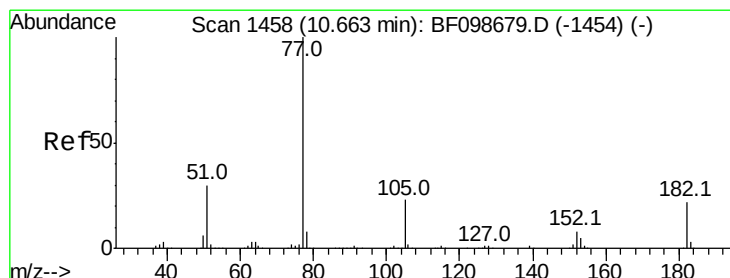
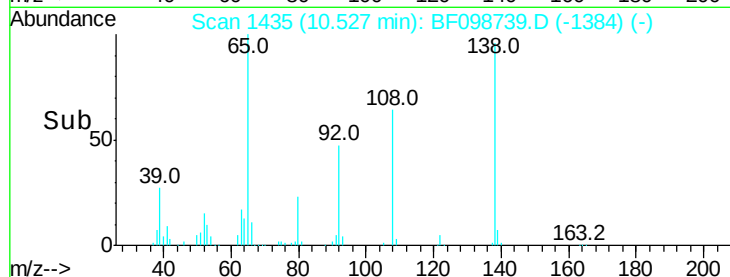
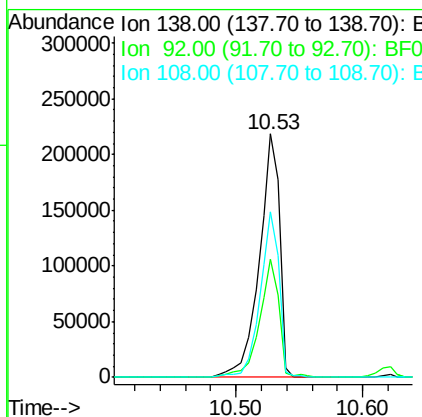
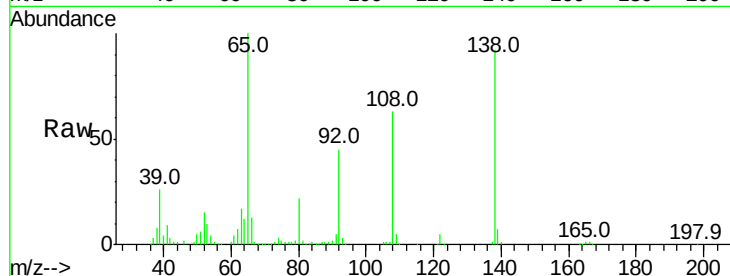
PB102553BS

Tot Ion:	138	Resp:	246805
Ion Ratio	Lower	Upper	
138	100		
92	48.7	30.2	70.2
108	68.1	52.5	92.5

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#62

Azobenzene

Concen: 48.364 ng

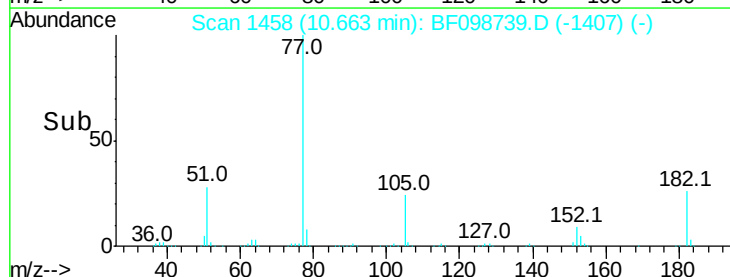
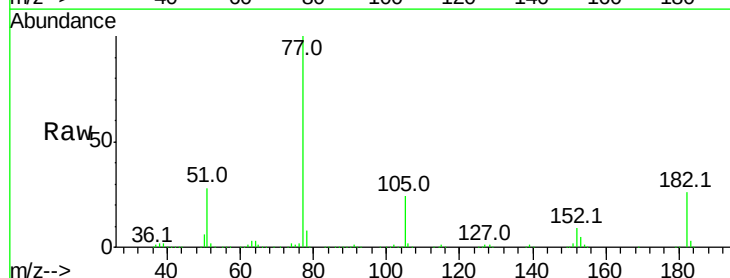
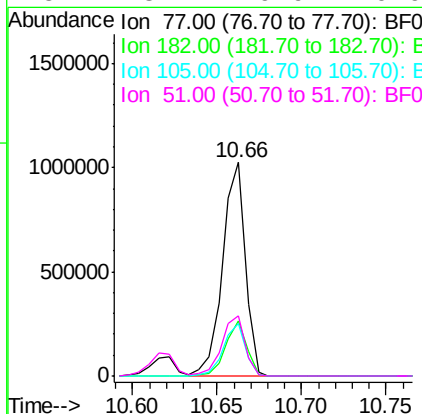
RT: 10.66 min Scan# 1458

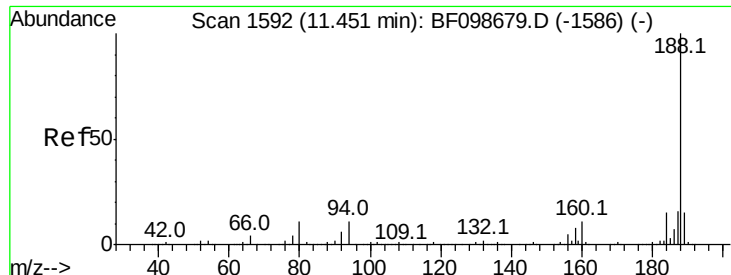
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:	77	Resp:	956427
Ion Ratio	Lower	Upper	
77	100		
182	25.7	1.7	41.7
105	24.5	3.0	43.0
51	28.4	9.9	49.9





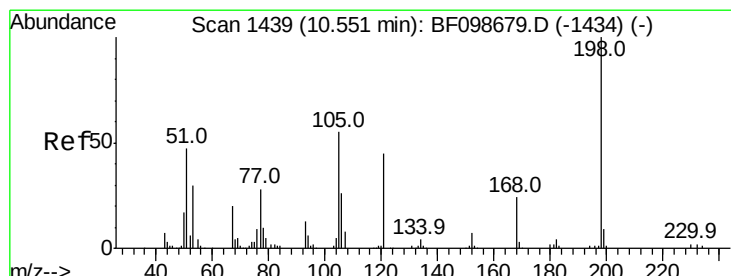
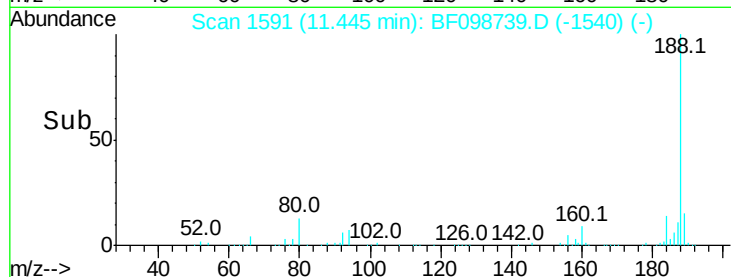
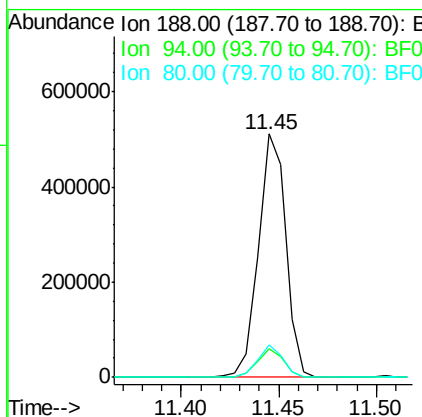
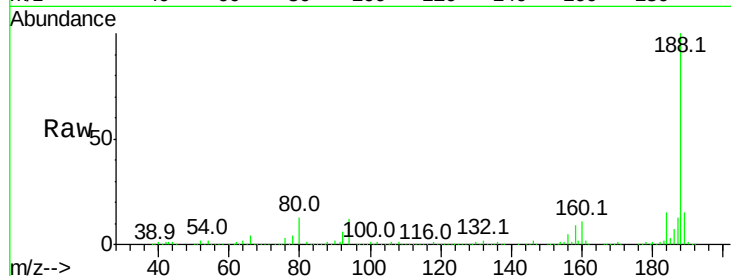
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	496888		
94	11.6	8.5	12.7	
80	13.2	9.2	13.8	

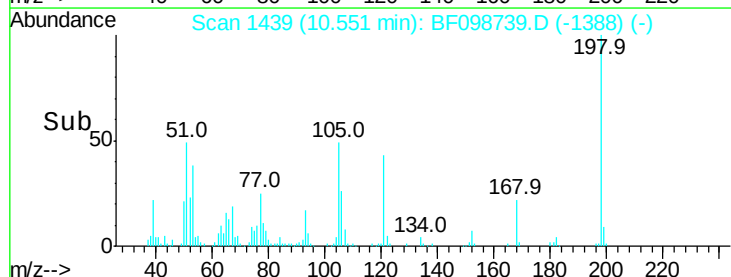
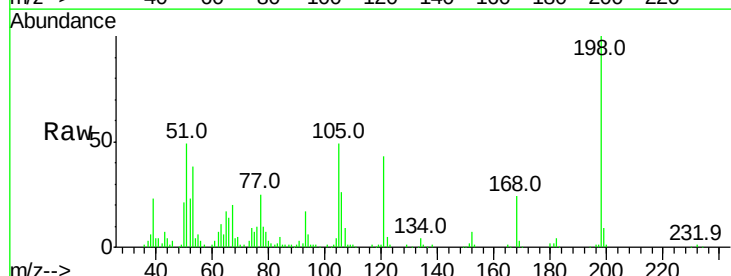
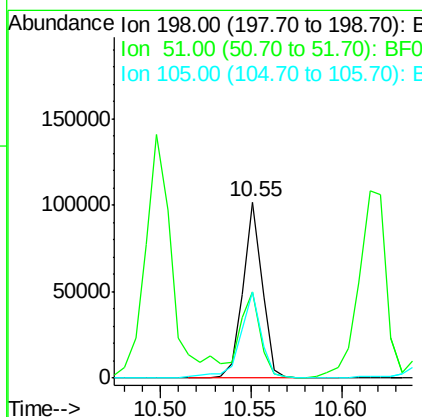
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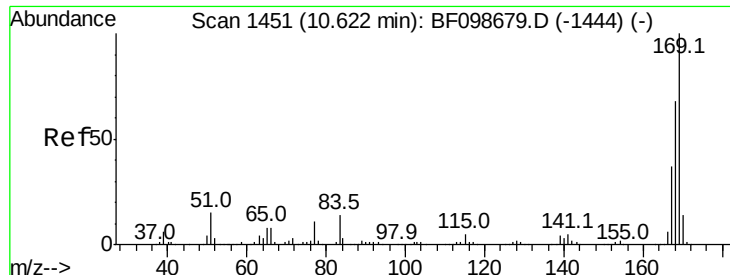
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.006 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	75597		
51	49.3	37.7	77.7	
105	48.8	36.3	76.3	





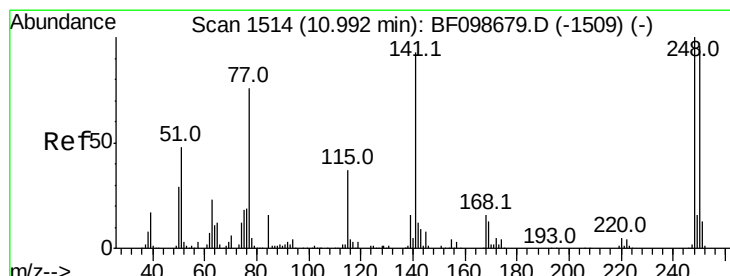
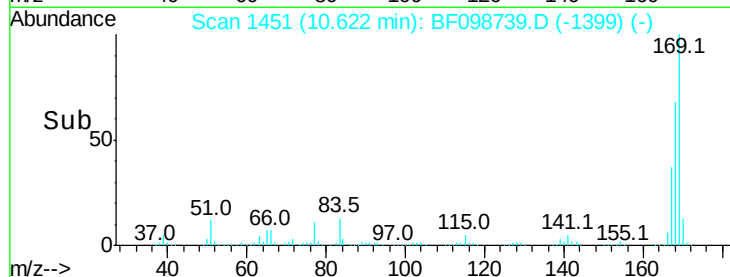
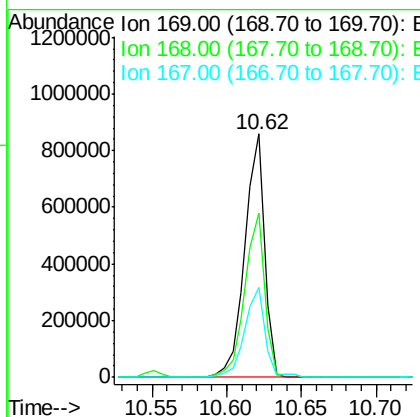
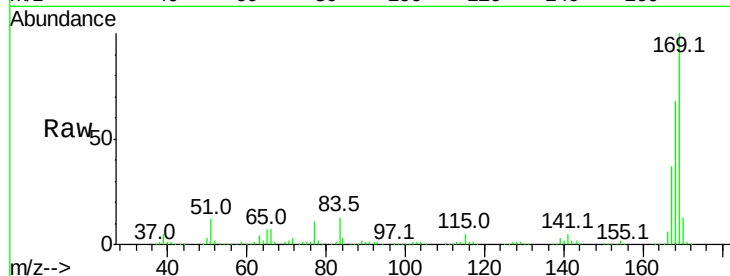
#65
 n-Nitrosodiphenylamine
 Concen: 45.965 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	791224		
168	67.6		54.4	81.6
167	37.0		29.8	44.6

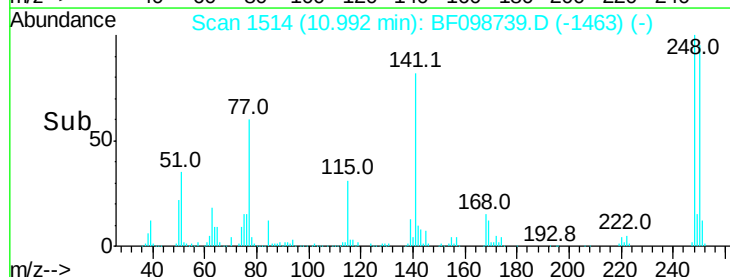
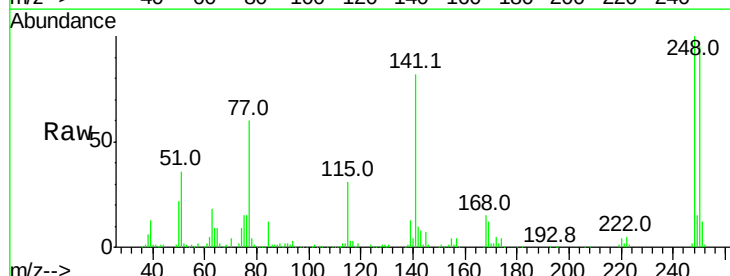
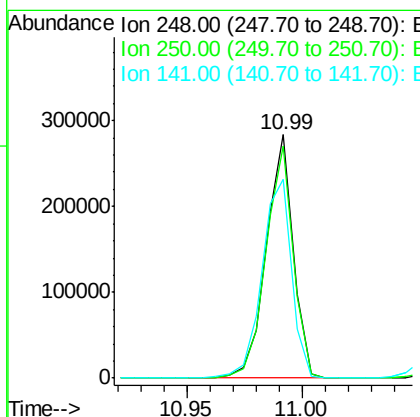
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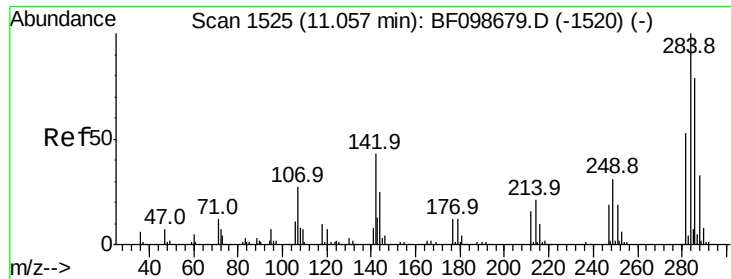
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#66
 4-Bromophenyl-phenylether
 Concen: 47.420 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	230635		
250	95.1		76.9	115.3
141	81.7		74.4	111.6





#67

Hexachlorobenzene

Concen: 43.882 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

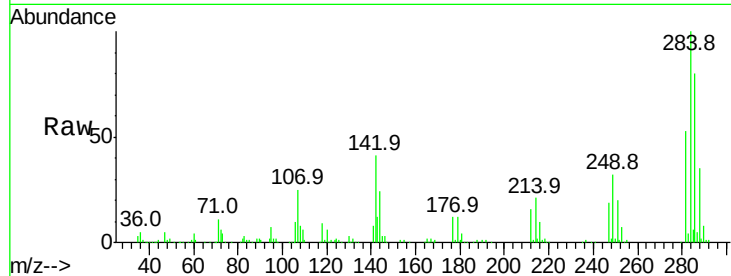
ClientSampleId :

PB102553BS

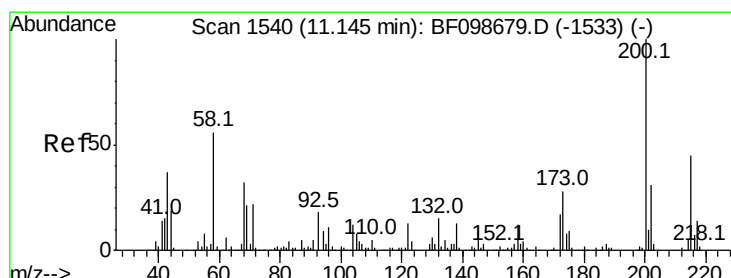
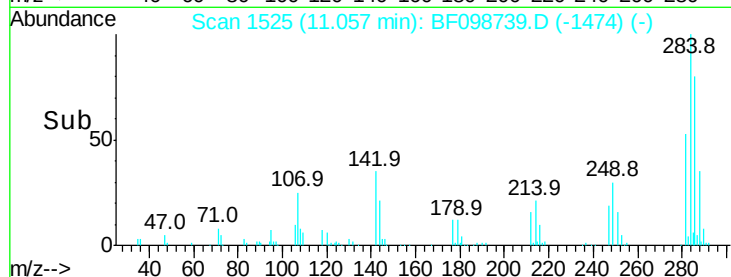
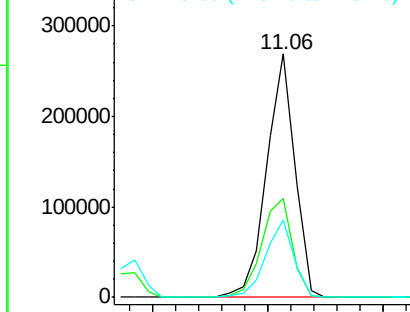
Tot Ion:	284	Resp:	227951
Ion Ratio	Lower	Upper	
284	100		
142	40.6	34.6	52.0
249	32.0	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.792 ng

RT: 11.15 min Scan# 1540

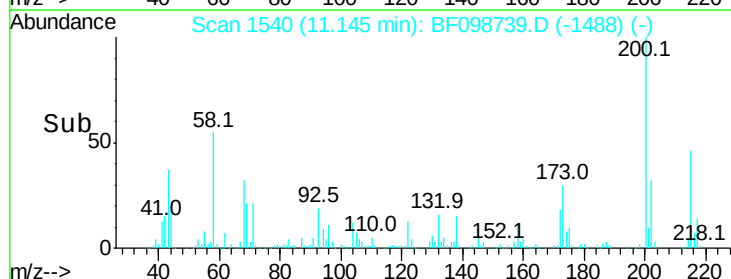
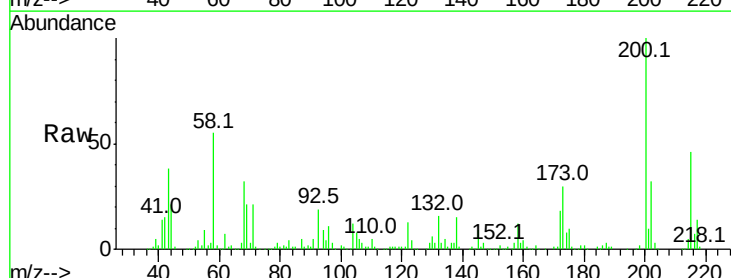
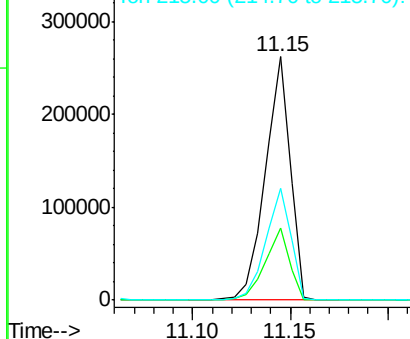
Delta R.T. 0.01 min

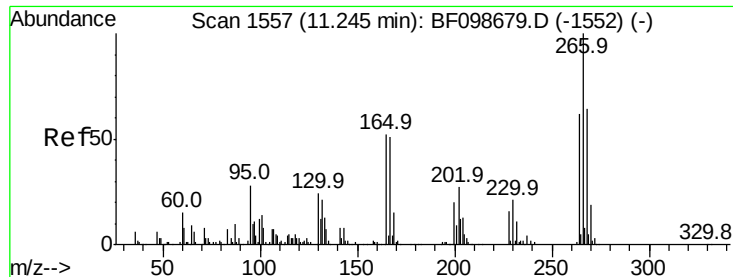
Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion:	200	Resp:	231978
Ion Ratio	Lower	Upper	
200	100		
173	29.5	8.6	48.6
215	45.9	25.1	65.1

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





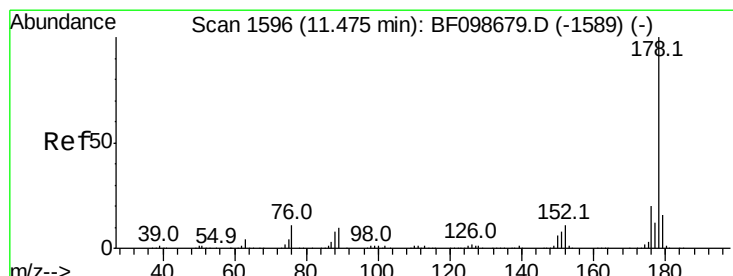
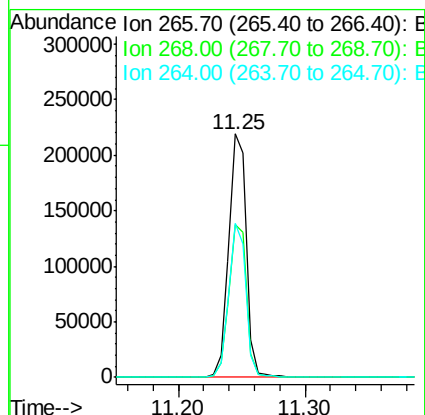
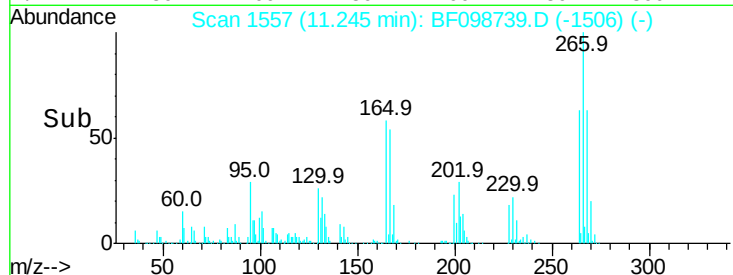
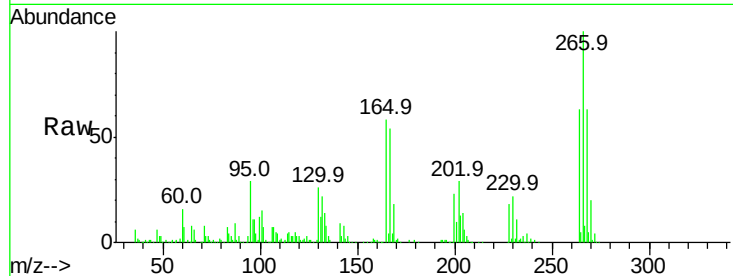
#69
 Pentachlorophenol
 Concen: 64.999 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion:	266	Resp:	210138
Ion Ratio		Lower	Upper
266	100		
268	62.9	51.1	76.7
264	63.2	49.5	74.3

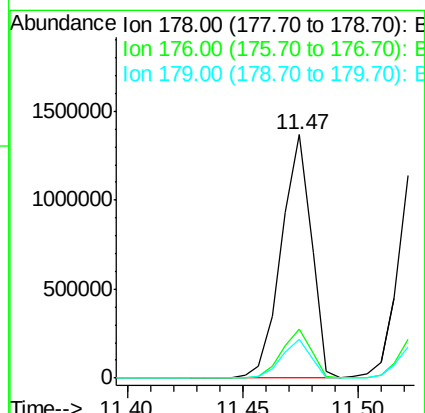
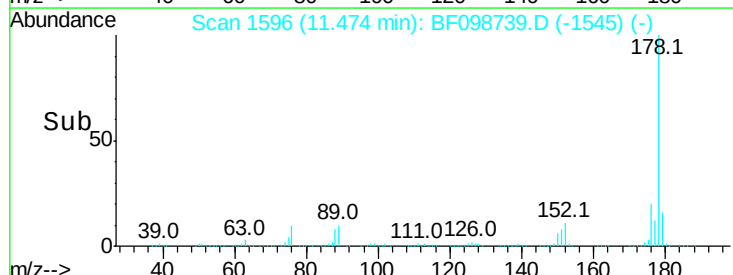
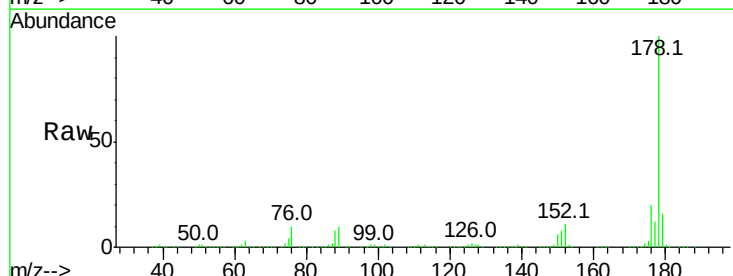
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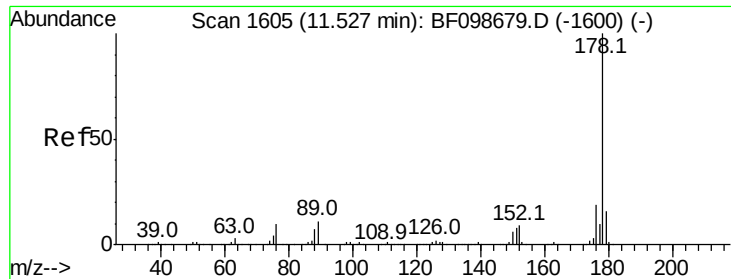
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#70
 Phenanthrene
 Concen: 46.303 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion:	178	Resp:	1231522
Ion Ratio		Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





#71
 Anthracene
 Concen: 46.436 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

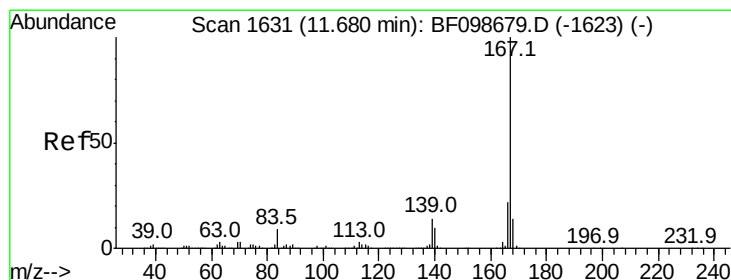
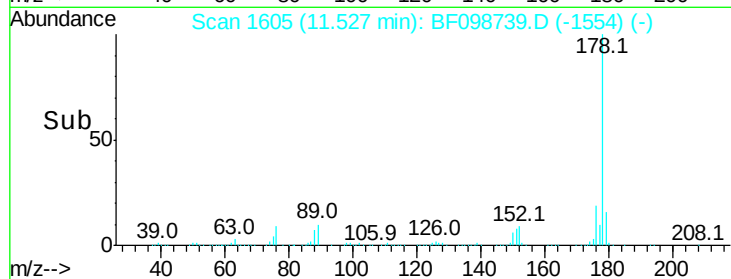
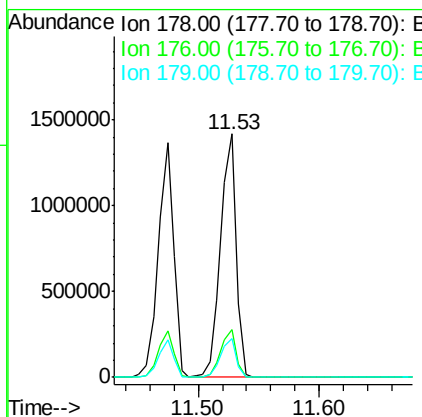
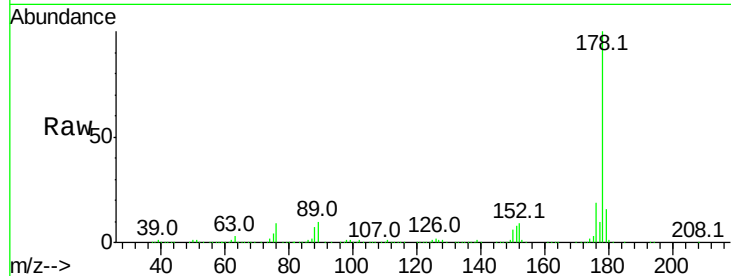
Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion:178 Resp: 1263695

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

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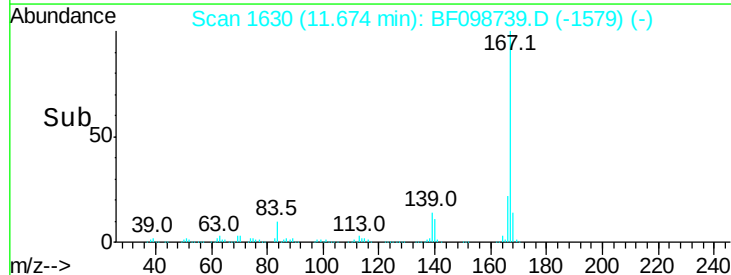
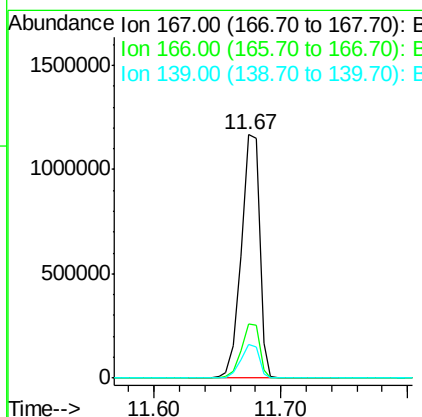
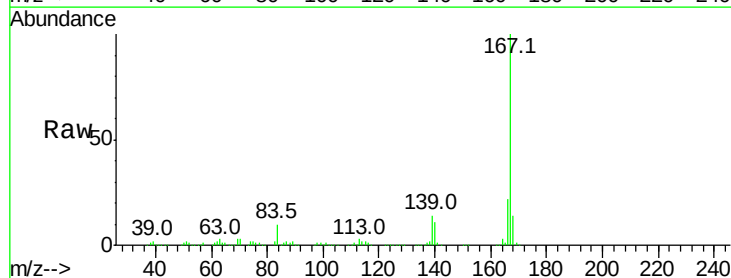
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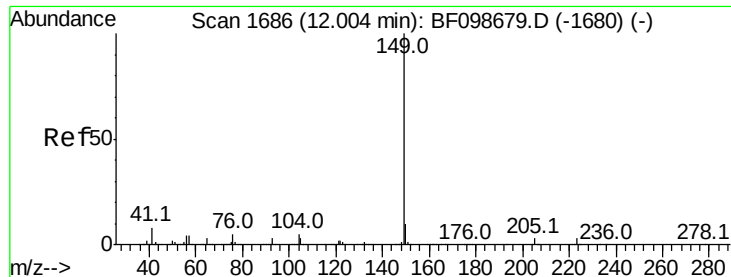


#72
 Carbazole
 Concen: 43.367 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion:167 Resp: 1155721

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.220 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB102553BS

Tot Ion:149 Resp: 1450552

Ion Ratio Lower Upper

149 100

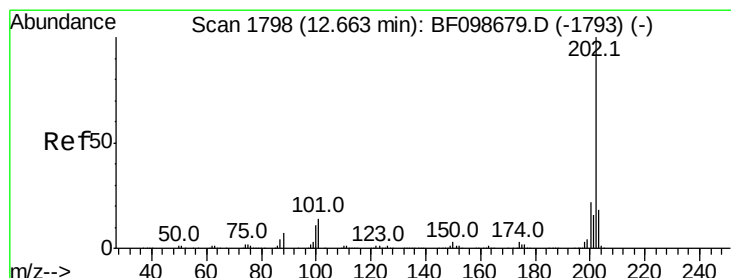
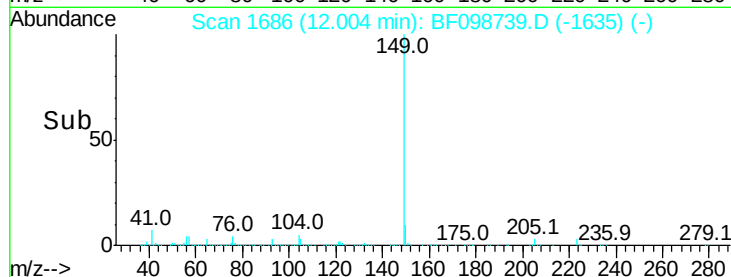
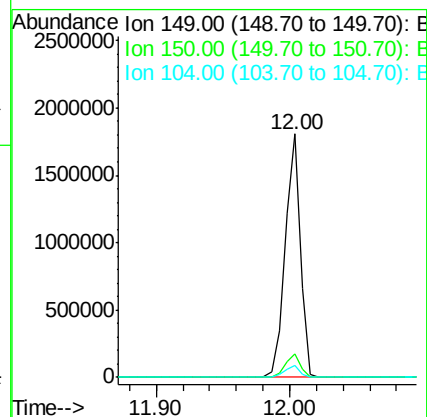
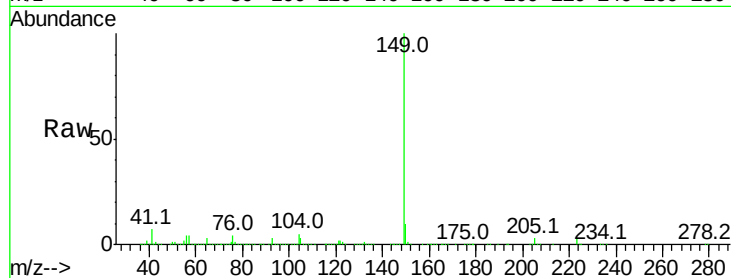
150 9.6 7.8 11.6

104 4.7 3.8 5.8

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#74

Fluoranthene

Concen: 44.798 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

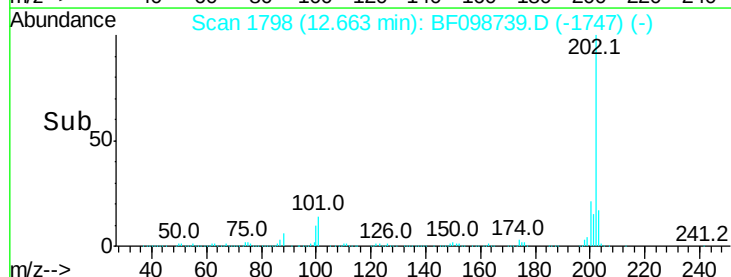
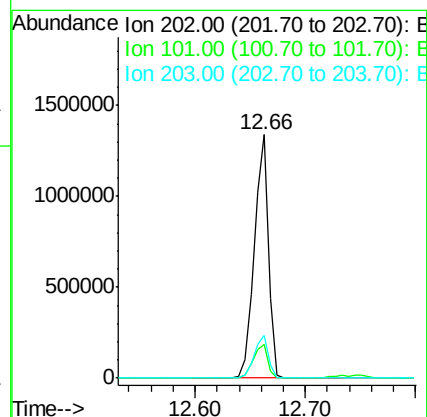
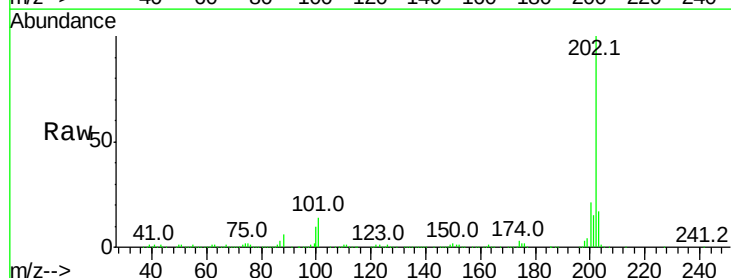
Tgt Ion:202 Resp: 1206516

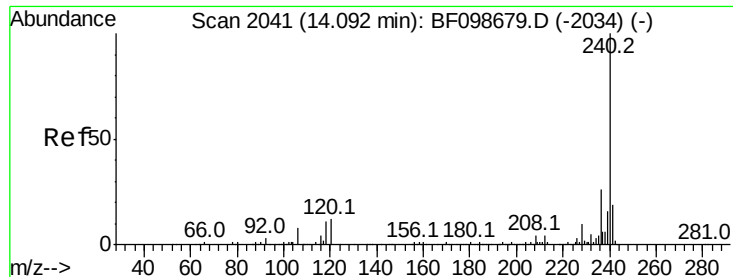
Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Instrument :

BNA_F

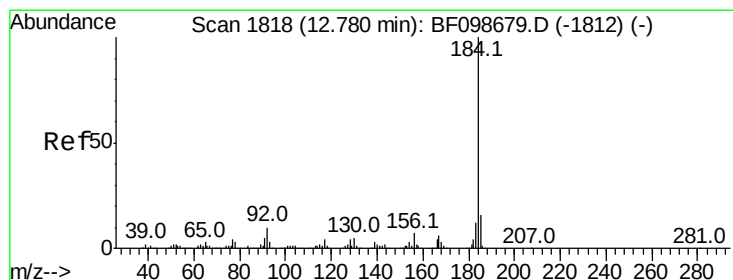
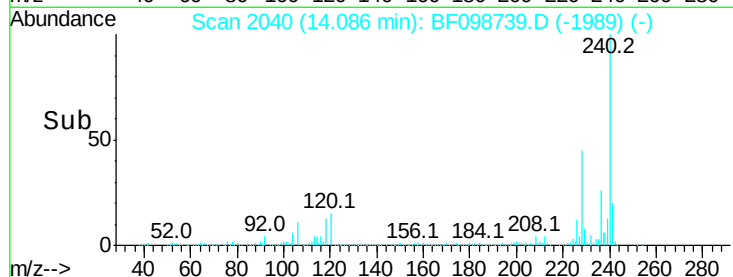
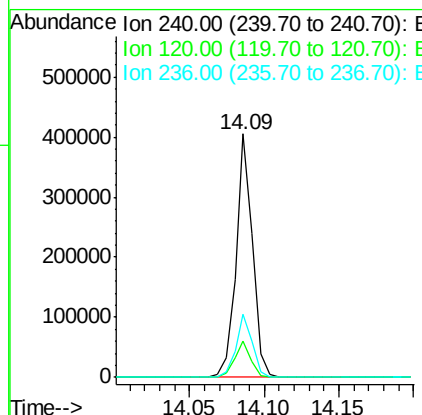
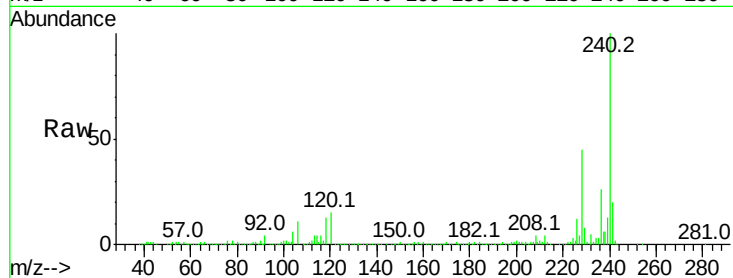
ClientSampleId :

PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.2	9.5	14.3#	
236	26.1	20.7	31.1	

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#76

Benzidine

Concen: 36.019 ng

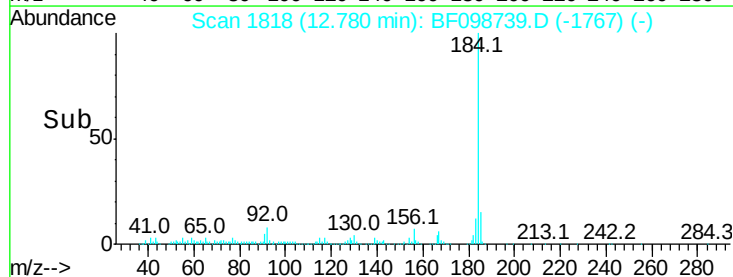
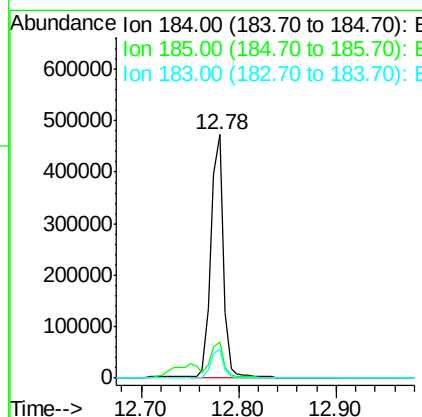
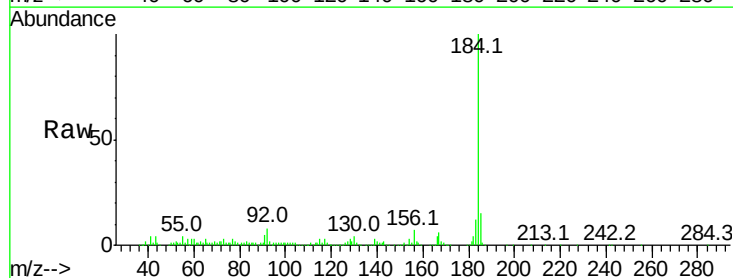
RT: 12.78 min Scan# 1818

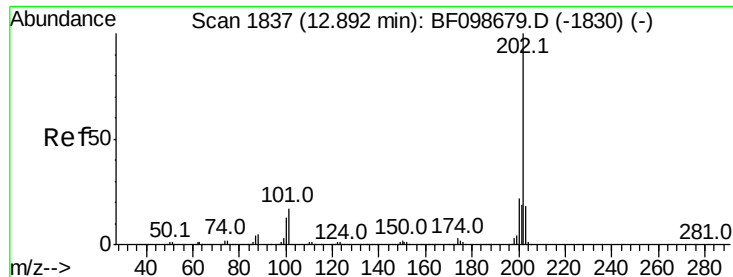
Delta R.T. -0.00 min

Lab File: BF098739.D

Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	12.6	18.8	
183	11.8	9.3	13.9	





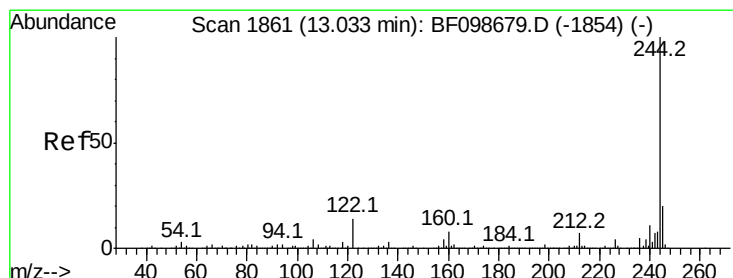
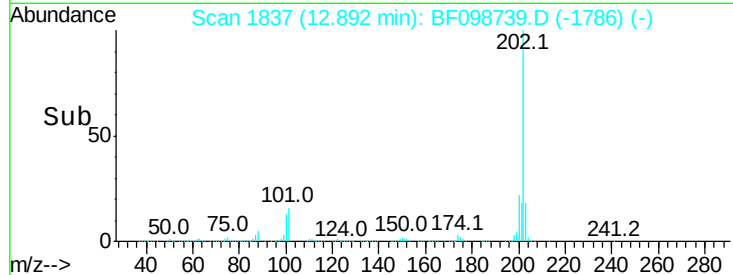
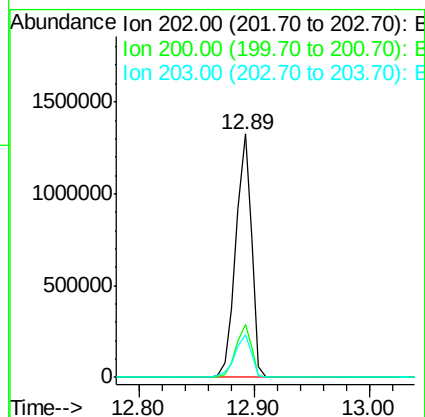
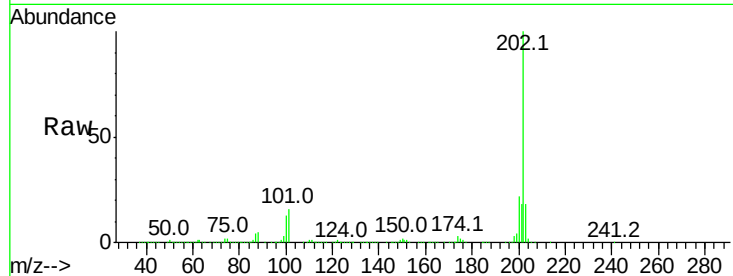
#77
Pvrene
Concen: 51.784 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

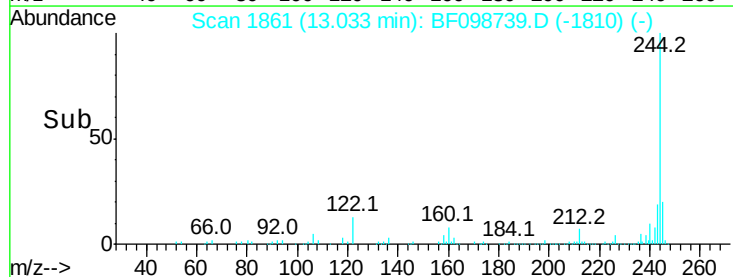
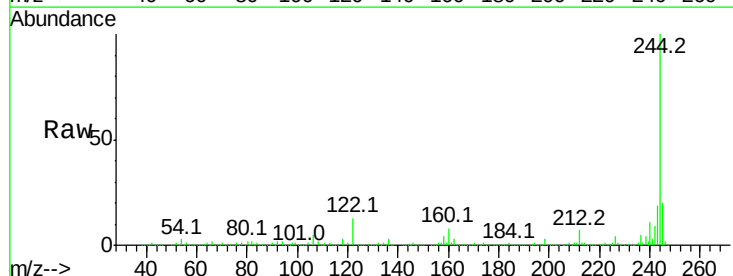
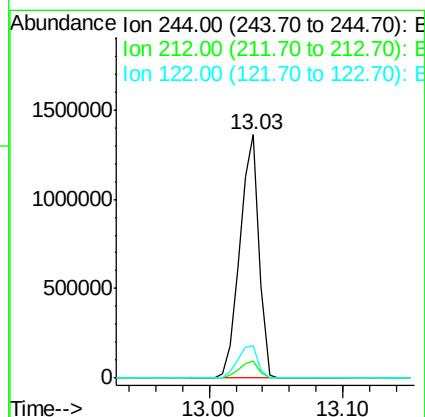
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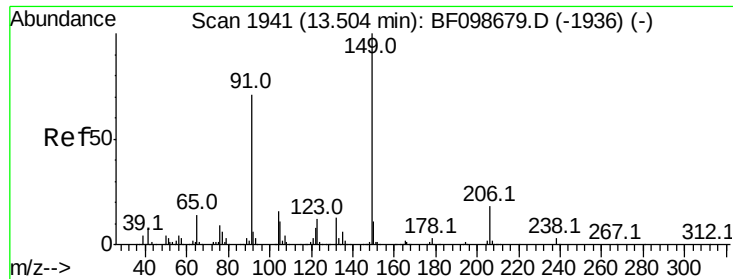
Sohil
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#78
Terphenyl-d14
Concen: 97.872 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.4	11.0	16.4





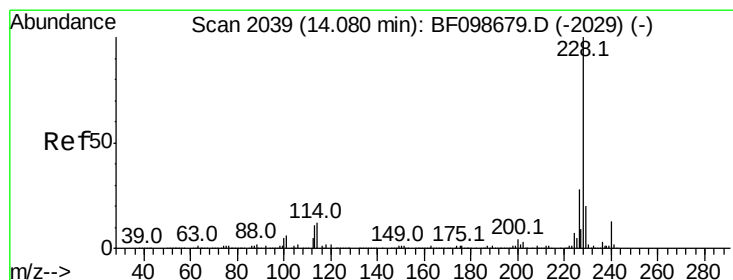
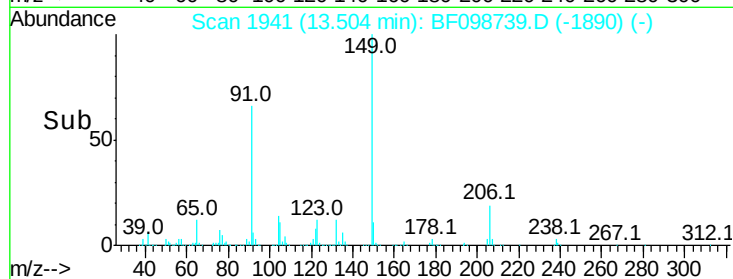
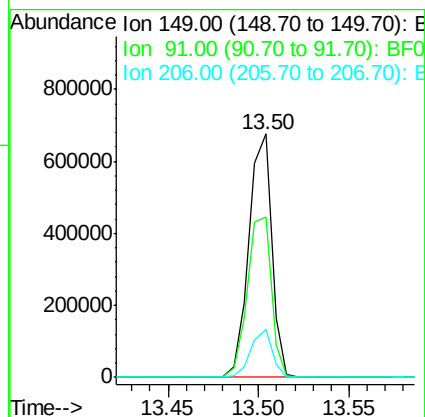
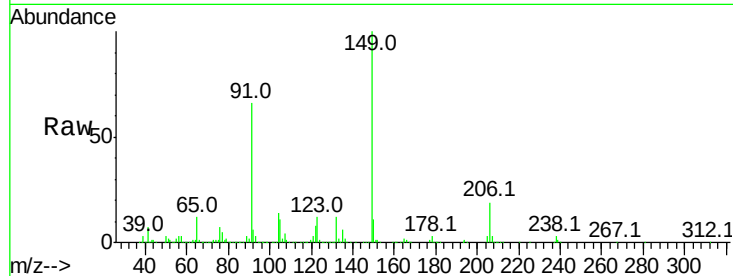
#79
Butylbenzylphthalate
Concen: 52.502 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	594343		
91	65.8	56.8	85.2	
206	19.4	14.1	21.1	

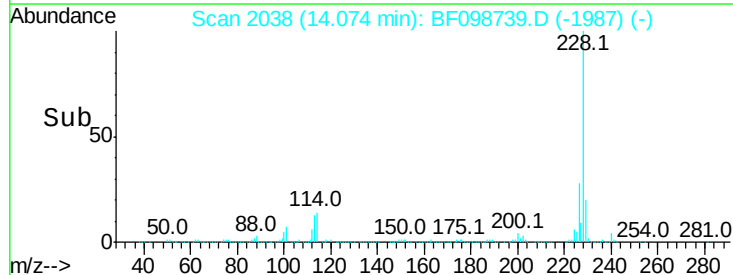
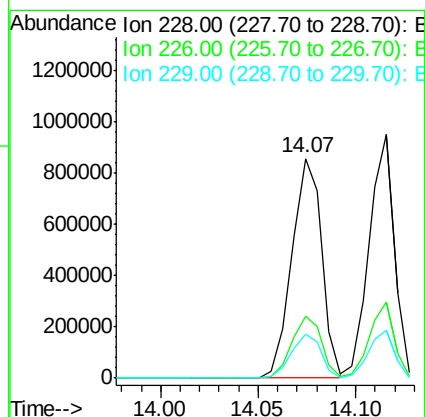
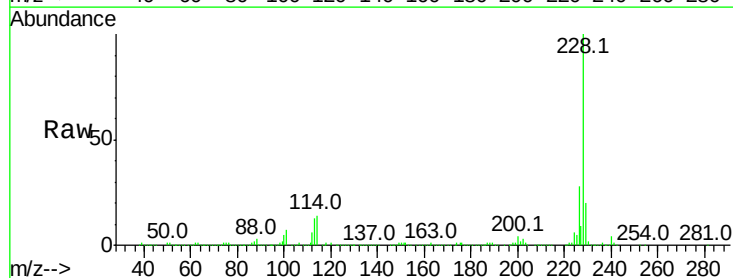
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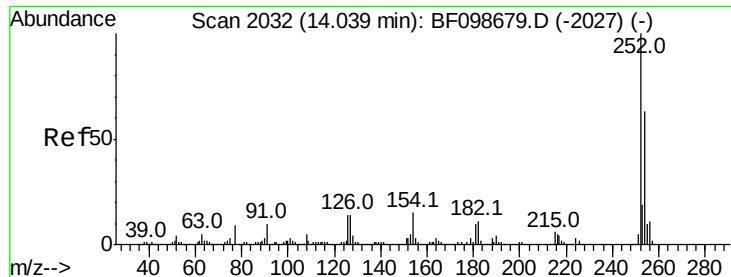
Sohil
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#80
Benzo(a)anthracene
Concen: 47.330 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	905293		
226	28.1	22.6	33.8	
229	19.9	15.8	23.6	





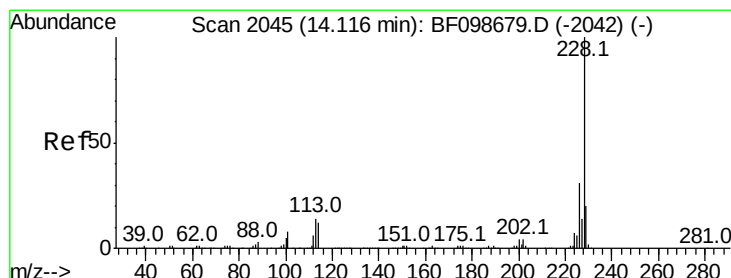
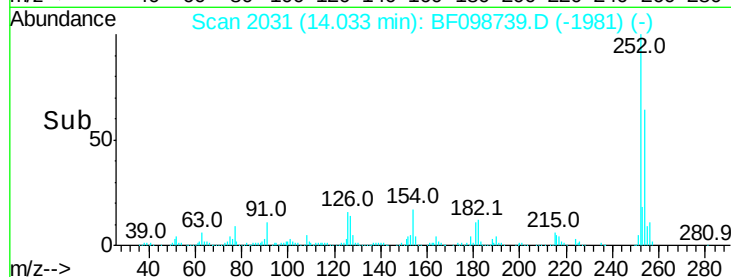
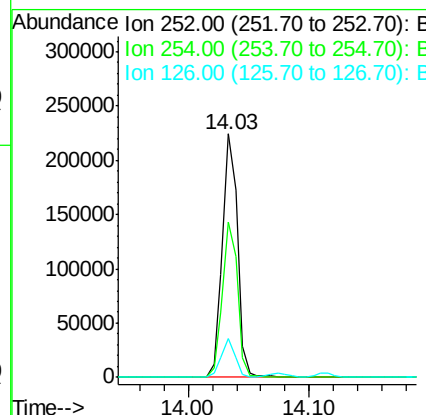
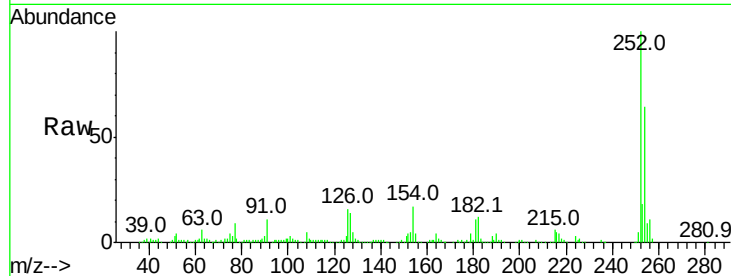
#81
 3,3'-Dichlorobenzidine
 Concen: 27.637 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	193786		
254	63.9	50.4	75.6	
126	15.8	11.3	16.9	

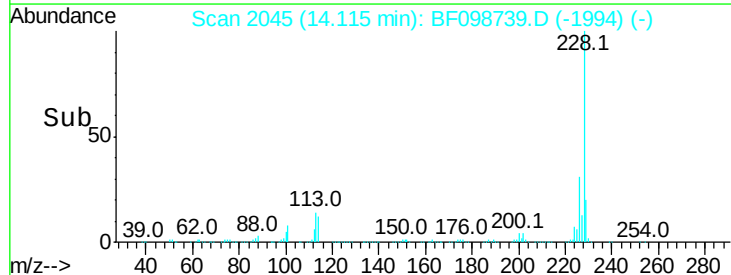
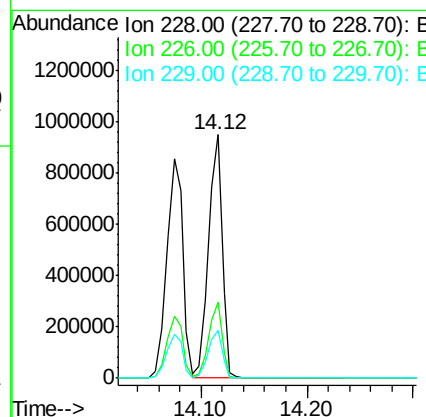
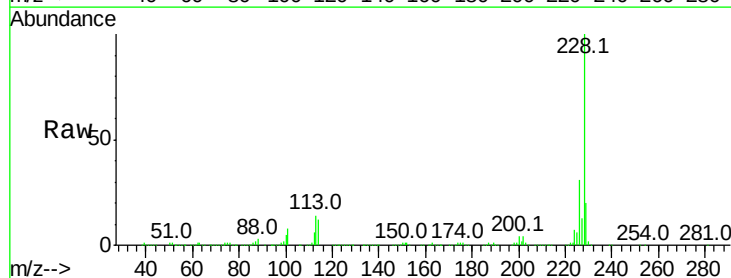
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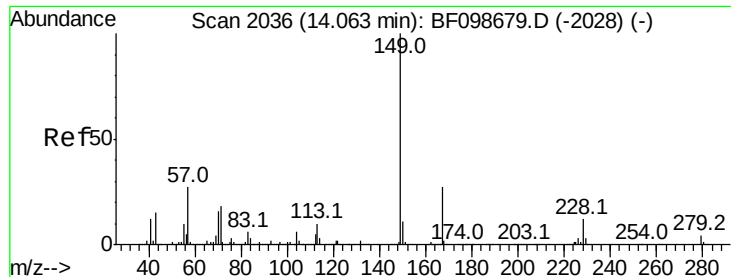
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#82
 Chrysene
 Concen: 46.909 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	854225		
226	30.9	25.0	37.6	
229	19.6	16.2	24.4	





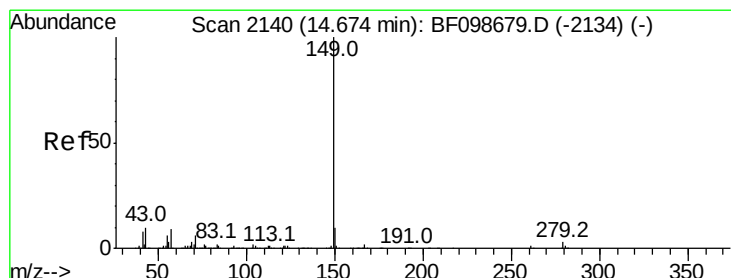
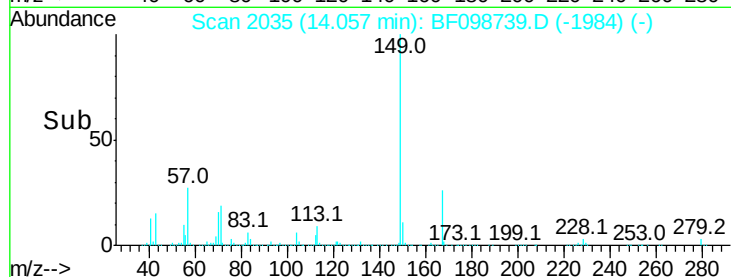
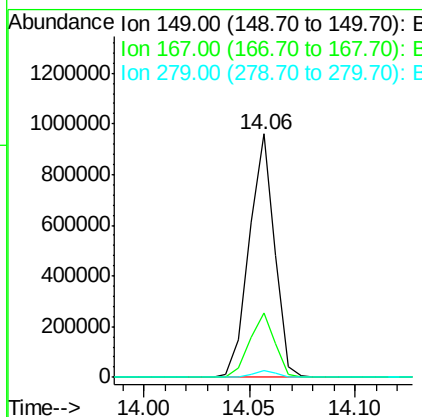
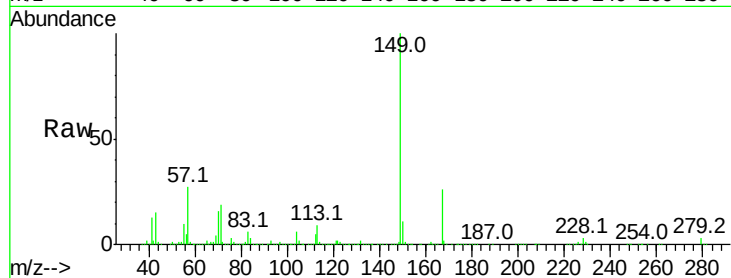
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.469 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	802276		
167	26.5	21.3	31.9	
279	2.9	3.0	4.4#	

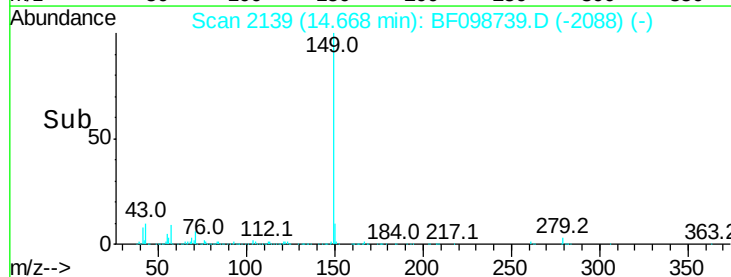
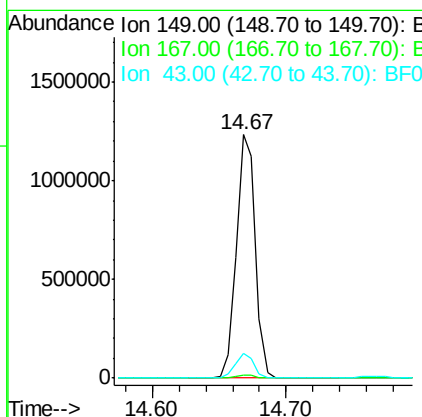
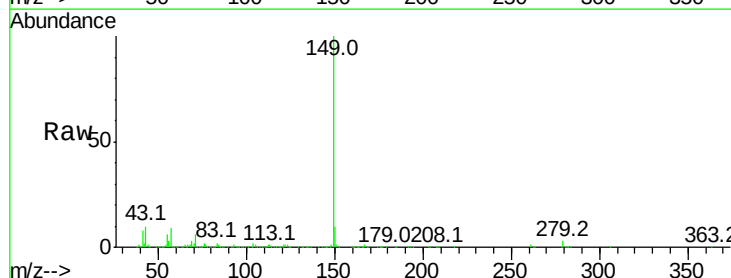
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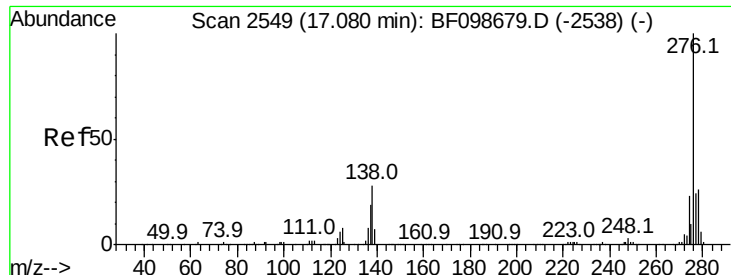
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#84
 Di-n-octyl phthalate
 Concen: 48.209 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1210007		
167	1.6	1.2	1.8	
43	9.8	8.4	12.6	





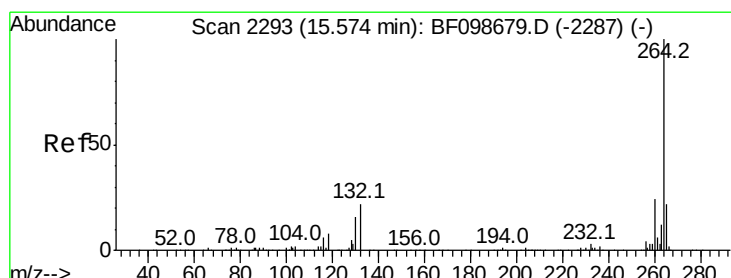
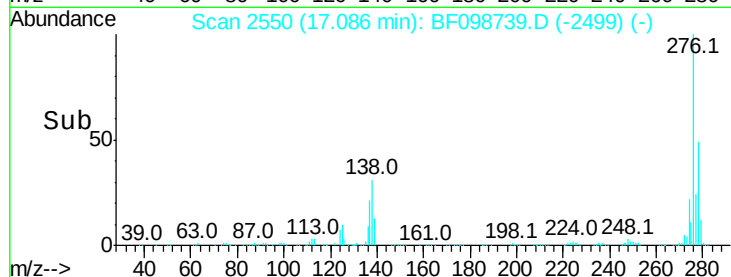
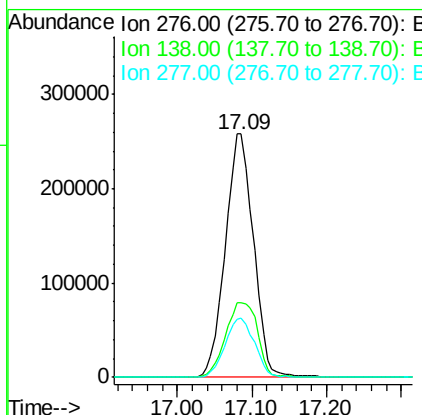
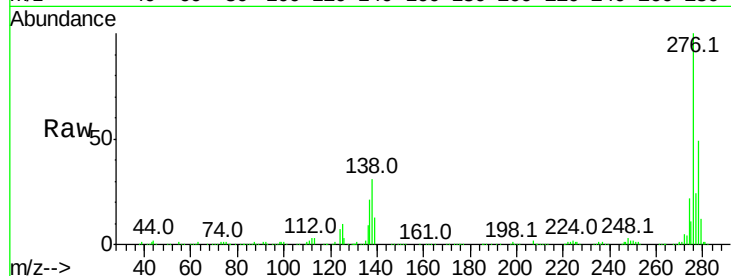
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.581 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.2	20.1	30.1

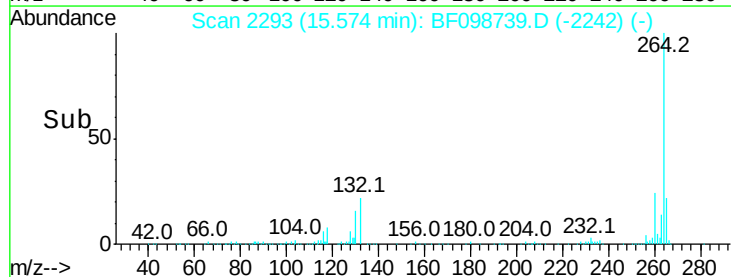
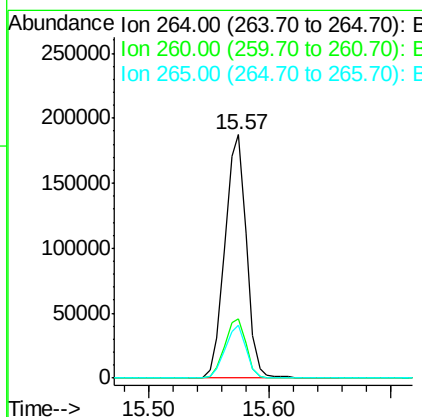
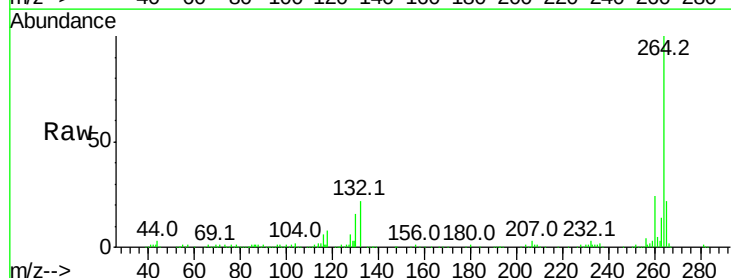
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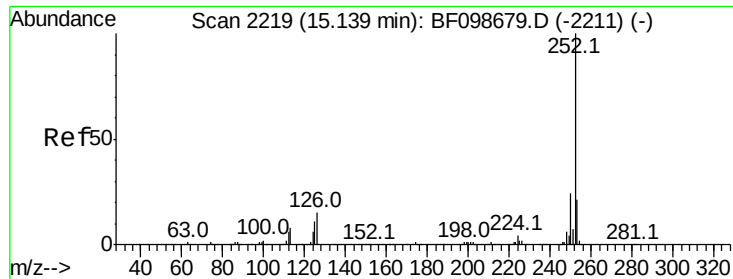
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3





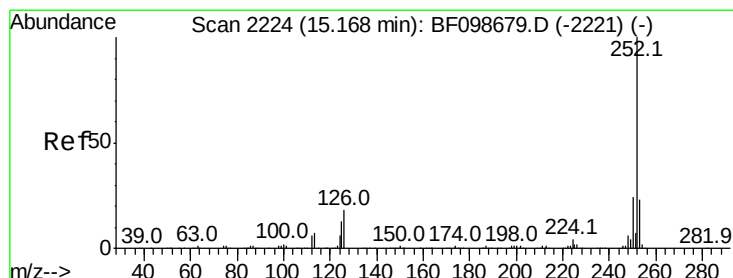
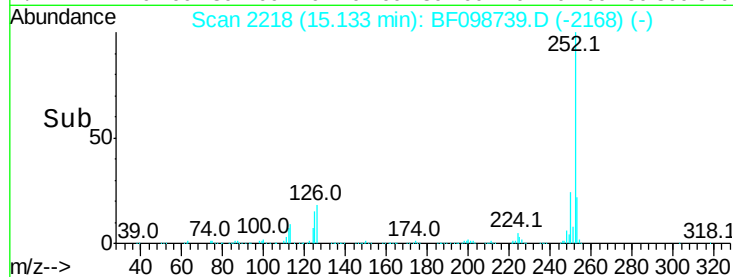
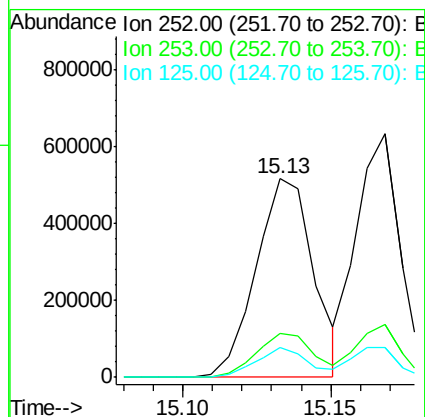
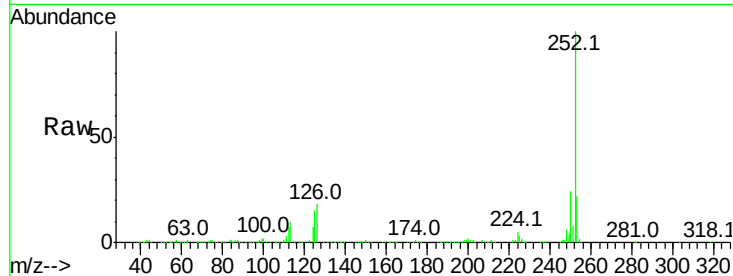
#87
Benzo(b)fluoranthene
Concen: 49.076 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	14.8	9.0	13.6

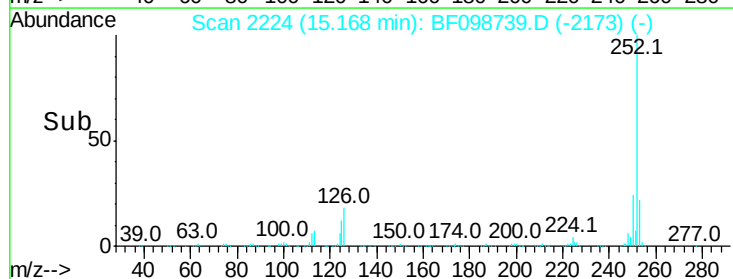
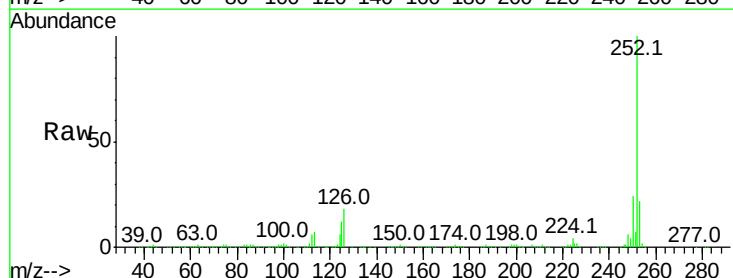
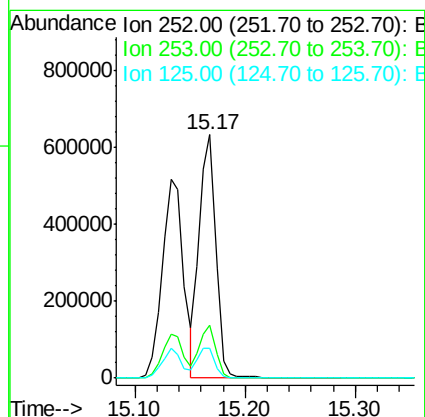
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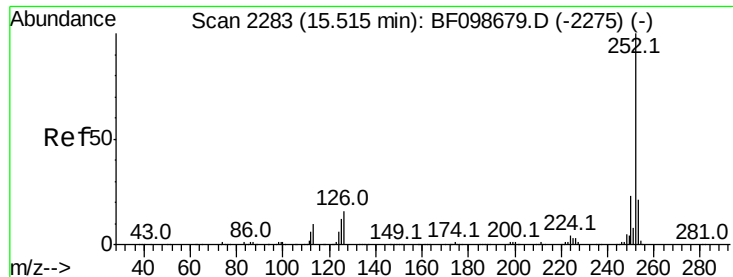
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#88
Benzo(k)fluoranthene
Concen: 46.100 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.4	10.2	15.2





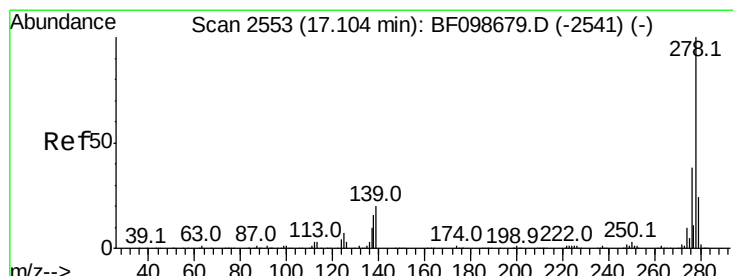
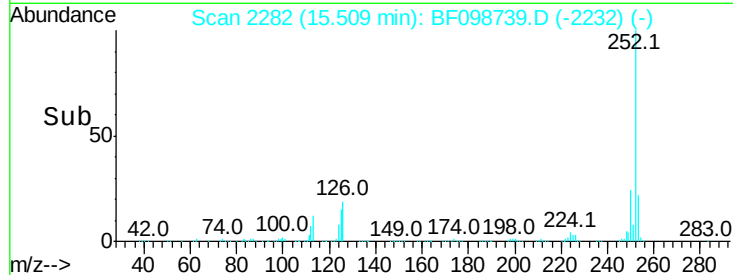
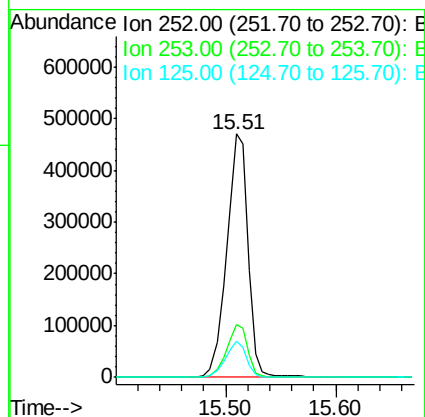
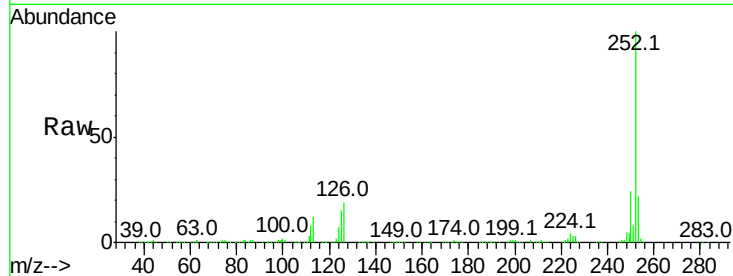
#89
Benzo(a)pyrene
Concen: 48.750 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB102553BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.8	9.8	14.6

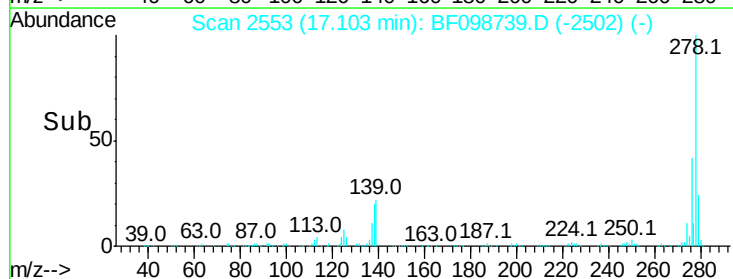
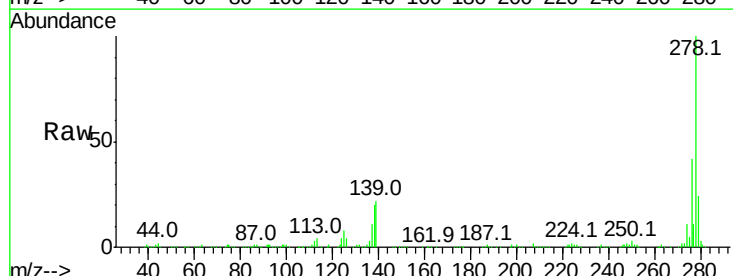
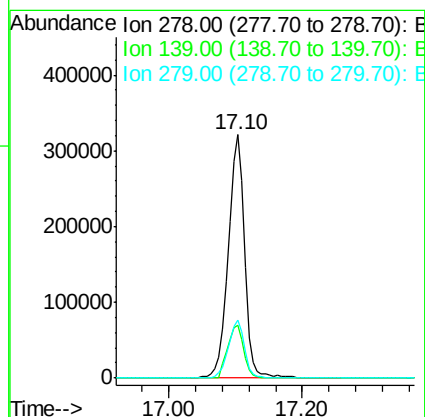
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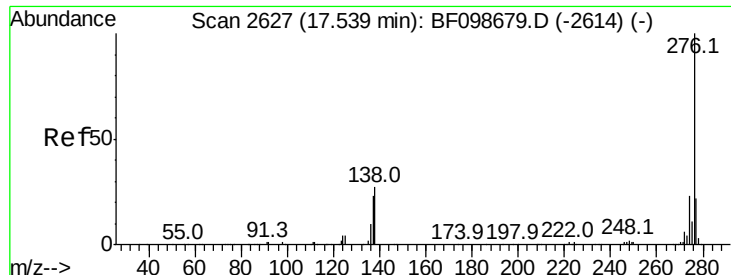
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#90
Dibenzo(a,h)anthracene
Concen: 53.734 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098739.D
Acq: 23 Sep 2017 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 55.941 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: BF098739.D
 Acq: 23 Sep 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102553BS

Tot Ion:	276	Resp:	576432
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
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