

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099152.D
 Acq On : 6 Oct 2017 17:28
 Operator : SJ/JU
 Sample : PB102940BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:32:44 PM

Quant Time: Oct 06 23:15:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125539	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	521851	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235367	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	415050	20.00	ng	0.00
75) Chrysene-d12	14.03	240	253977	20.00	ng	0.00
86) Perylene-d12	15.50	264	202916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	945252	119.86	ng	0.02
7) Phenol-d6	6.50	99	1144811	117.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	691727	85.01	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	238991	124.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1275312	90.46	ng	0.00
78) Terphenyl-d14	12.97	244	1061414	95.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	123965	32.91	ng	97
3) Pyridine	3.49	79	356413	34.97	ng	98
4) n-Nitrosodimethylamine	3.45	42	151140	34.97	ng	84
6) Aniline	6.53	93	393587	29.98	ng	98
8) 2-Chlorophenol	6.65	128	343752	38.49	ng	98
9) Benzaldehyde	6.42	77	143944	25.51	ng	96
10) Phenol	6.52	94	431538	39.66	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	326080	38.55	ng	98
12) 1,3-Dichlorobenzene	6.80	146	361440	38.64	ng	98
13) 1,4-Dichlorobenzene	6.88	146	369211	38.80	ng	99
14) 1,2-Dichlorobenzene	7.03	146	343675	39.09	ng	98
15) Benzyl Alcohol	7.01	79	277434	38.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	482388	36.61	ng	97
17) 2-Methylphenol	7.12	107	289023	39.55	ng	98
18) Hexachloroethane	7.37	117	129998	38.01	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	221473	35.66	ng	94
20) 3+4-Methylphenols	7.27	107	343944	37.21	ng	# 83
22) Acetophenone	7.27	105	455843	36.05	ng	# 97
24) Nitrobenzene	7.45	77	348239	37.73	ng	95
25) Isophorone	7.69	82	649112	38.58	ng	99
26) 2-Nitrophenol	7.76	139	192348	43.33	ng	93
27) 2,4-Dimethylphenol	7.80	122	324902	38.76	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	413298	39.42	ng	99
29) 2,4-Dichlorophenol	8.00	162	288423	40.07	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	289064	40.16	ng	98
31) Naphthalene	8.17	128	966311	39.43	ng	100
32) Benzoic acid	7.92	122	186818	27.13	ng	98
33) 4-Chloroaniline	8.22	127	199612	19.50	ng	98
34) Hexachlorobutadiene	8.28	225	141637	38.20	ng	99
35) Caprolactam	8.59	113	106039m	45.93	ng	
36) 4-Chloro-3-methylphenol	8.70	107	303985	37.58	ng	96
37) 2-Methylnaphthalene	8.86	142	669552	42.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	261358	37.23	ng	100
40) Hexachlorocyclopentadiene	9.01	237	192723	60.08	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	189448	38.10	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	195631	39.41	ng	94
45) 1,1'-Biphenyl	9.32	154	770928	38.11	ng	100
46) 2-Chloronaphthalene	9.35	162	605300	39.85	ng	97
47) 2-Nitroaniline	9.45	65	183687	39.50	ng	99
48) Acenaphthylene	9.77	152	926487	39.85	ng	100
49) Dimethylphthalate	9.62	163	711315	40.04	ng	99
50) 2,6-Dinitrotoluene	9.69	165	162275	41.96	ng	97
51) Acenaphthene	9.94	154	547513	37.18	ng	100
52) 3-Nitroaniline	9.86	138	119752	26.56	ng	93
53) 2,4-Dinitrophenol	9.97	184	106015	54.64	ng	93
54) Dibenzofuran	10.11	168	819743	41.80	ng	100
55) 4-Nitrophenol	10.02	139	257669	67.58	ng	93
56) 2,4-Dinitrotoluene	10.09	165	211497	42.14	ng	98
57) Fluorene	10.45	166	639716	40.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	146084	42.60	ng	98
59) Diethylphthalate	10.32	149	679924	39.17	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	282622	39.92	ng	98
61) 4-Nitroaniline	10.47	138	180544	41.50	ng	91
62) Azobenzene	10.60	77	651811	40.84	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	85019	33.67	ng	82
65) n-Nitrosodiphenylamine	10.56	169	576682	40.11	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	164734	40.55	ng	90
67) Hexachlorobenzene	11.00	284	168118	38.75	ng	98
68) Atrazine	11.09	200	182009	42.07	ng	99
69) Pentachlorophenol	11.19	266	162345	60.12	ng	97
70) Phenanthrene	11.42	178	907145	40.83	ng	98
71) Anthracene	11.47	178	933668	41.07	ng	99
72) Carbazole	11.62	167	863116	38.77	ng	99
73) Di-n-butylphthalate	11.95	149	1058464	39.50	ng	98
74) Fluoranthene	12.60	202	902833	40.13	ng	98
76) Benzidine	12.72	184	342329	36.44	ng	97
77) Pyrene	12.83	202	916395	47.32	ng	99
79) Butylbenzylphthalate	13.44	149	419304	46.07	ng	99
80) Benzo(a)anthracene	14.02	228	637836	41.47	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	144360	25.61	ng	96
82) Chrysene	14.06	228	603295	41.20	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	552278	44.07	ng	# 99
84) Di-n-octyl phthalate	14.60	149	782615	38.78	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	554664	47.36	ng	96
87) Benzo(b)fluoranthene	15.07	252	488513	39.16	ng	98
88) Benzo(k)fluoranthene	15.10	252	492039	39.93	ng	98
89) Benzo(a)pyrene	15.44	252	471766	41.19	ng	# 98
90) Dibenzo(a,h)anthracene	17.00	278	461782	50.38	ng	98
91) Benzo(g,h,i)perylene	17.44	276	491195	54.22	ng	98

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

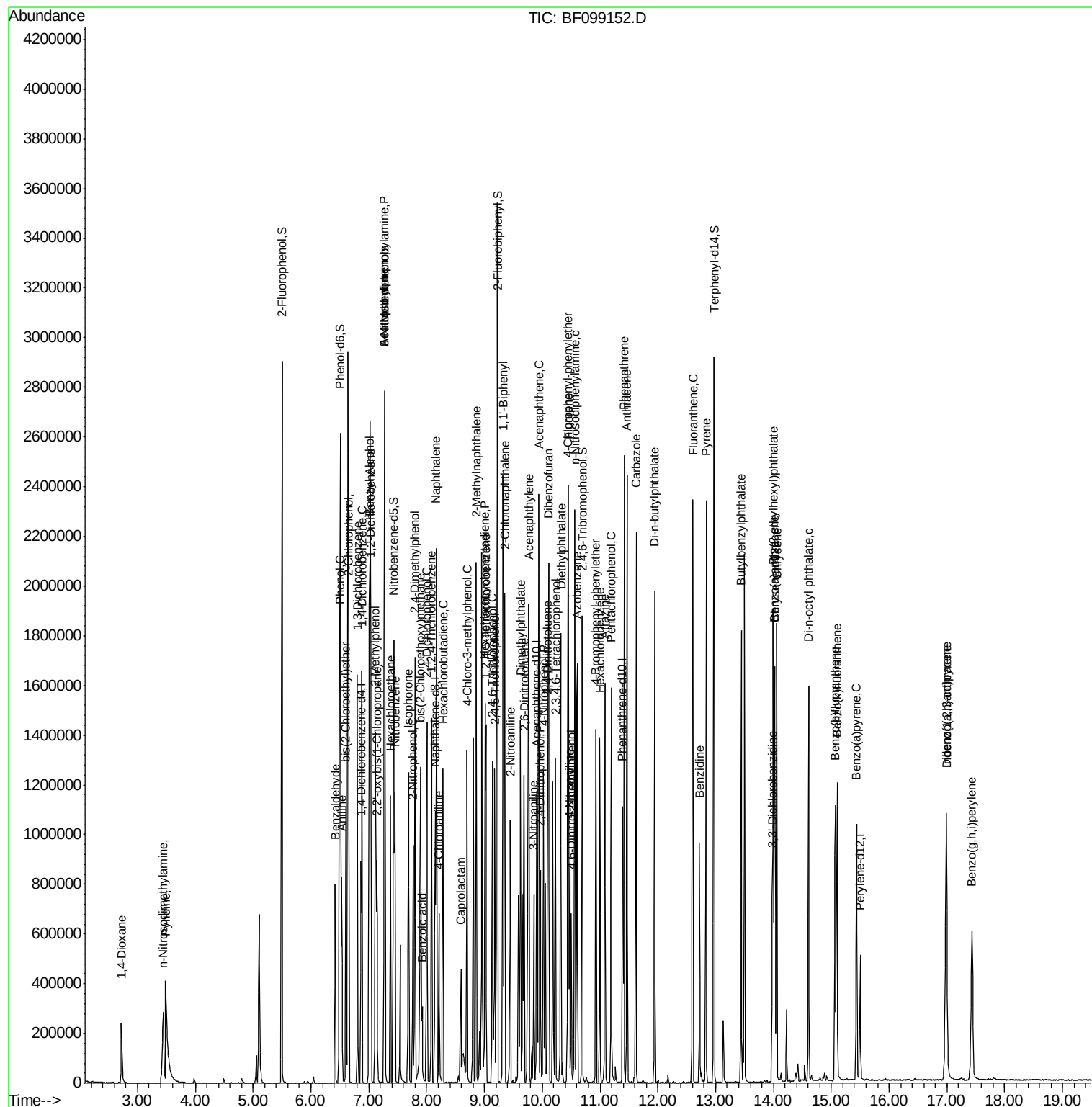
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
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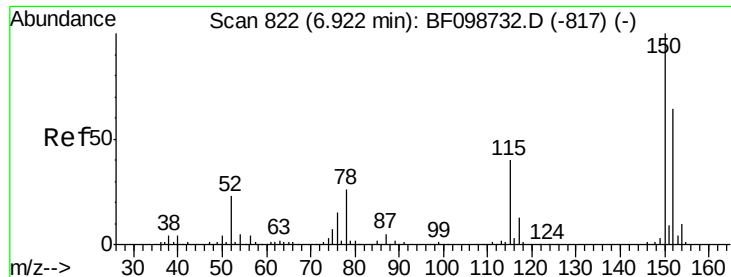
Instrument :
BNA_F
ClientSampleID :
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#1

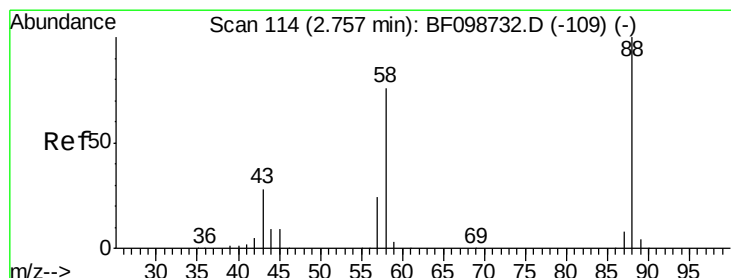
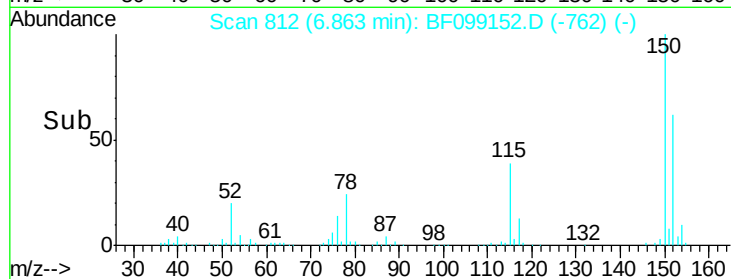
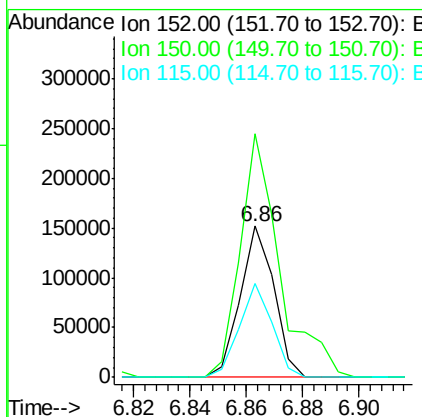
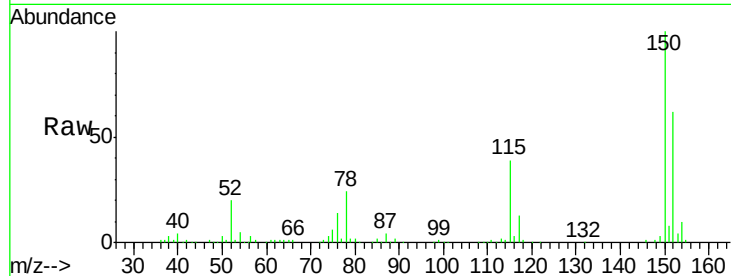
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	62.4	50.1	75.1

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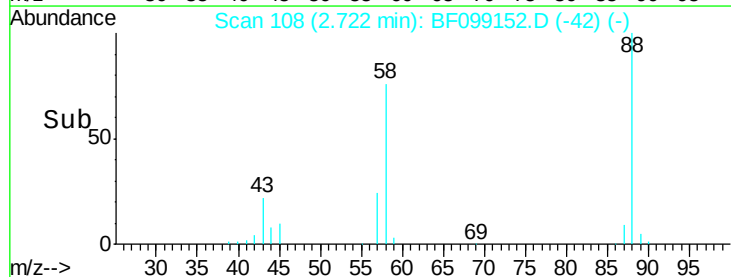
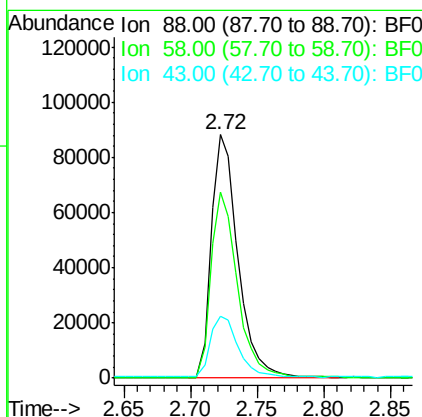
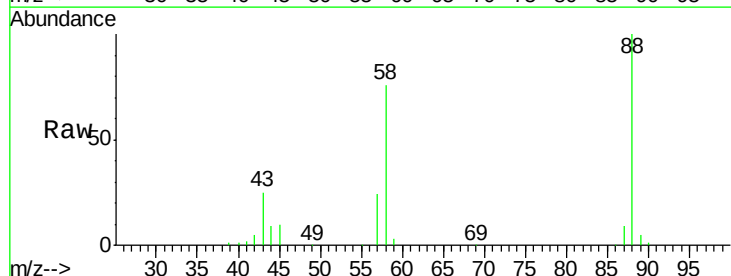
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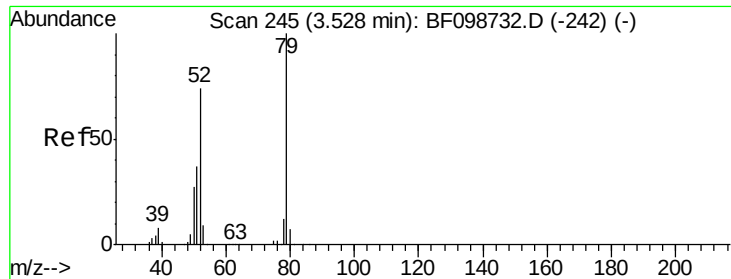


#2

1,4-Dioxane
Concen: 32.91 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.09 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	62.6	93.8
43	26.6	24.6	37.0





#3

Pyridine

Concen: 34.97 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.08 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

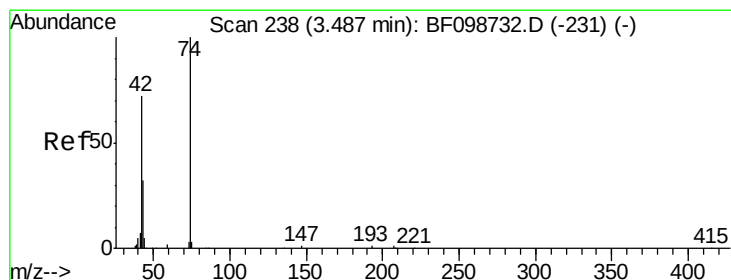
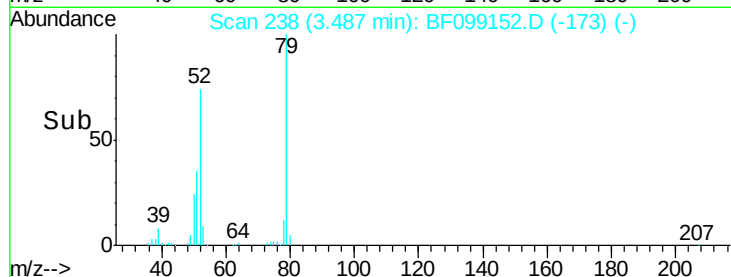
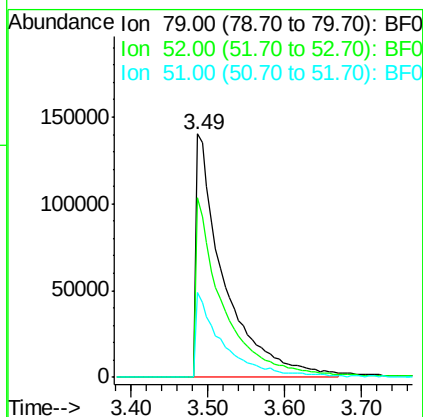
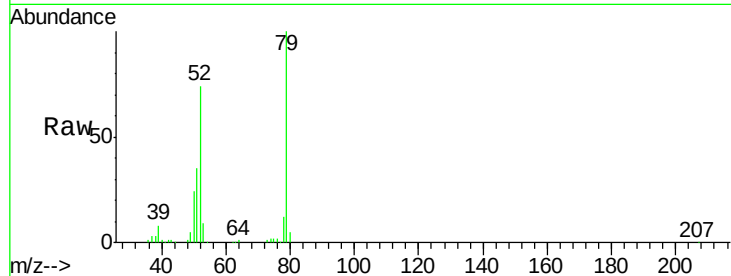
ClientSampleId :

PB102940BS

Tgt Ion:	79	Resp:	356413
Ion Ratio	Lower	Upper	
79	100		
52	73.7	59.8	89.6
51	35.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.97 ng

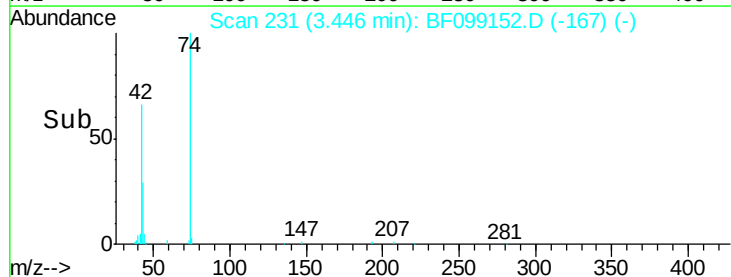
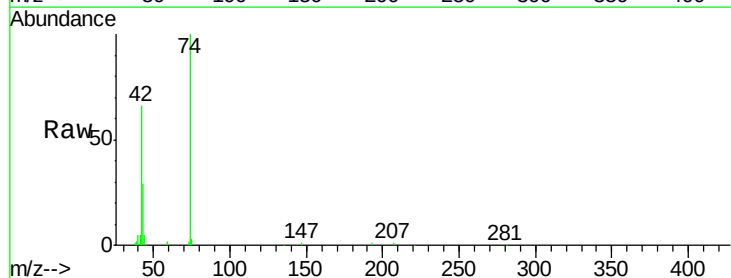
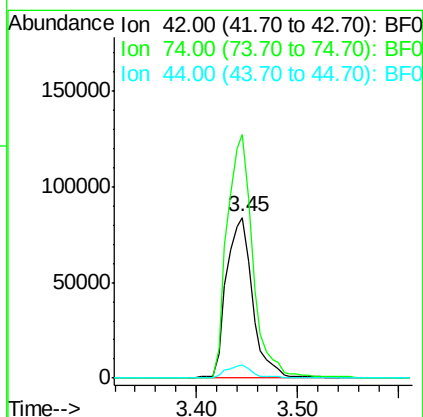
RT: 3.45 min Scan# 231

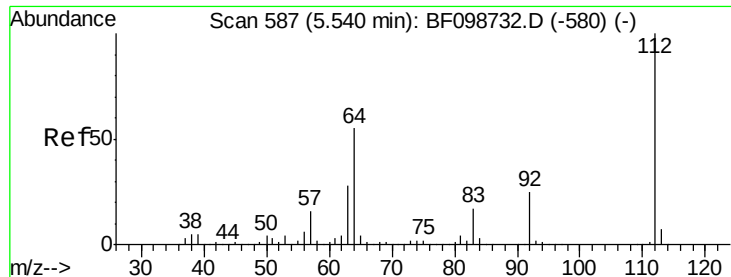
Delta R.T. 0.08 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	42	Resp:	151140
Ion Ratio	Lower	Upper	
42	100		
74	151.3	104.9	157.3
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 119.86 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

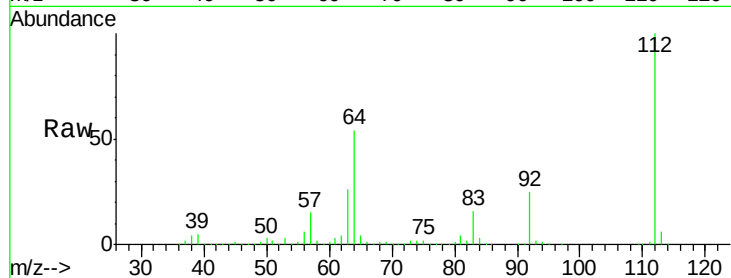
ClientSampleId :

PB102940BS

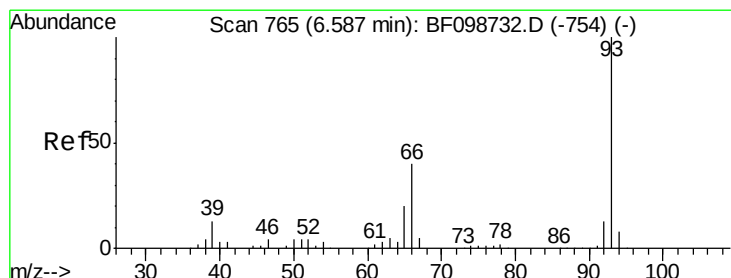
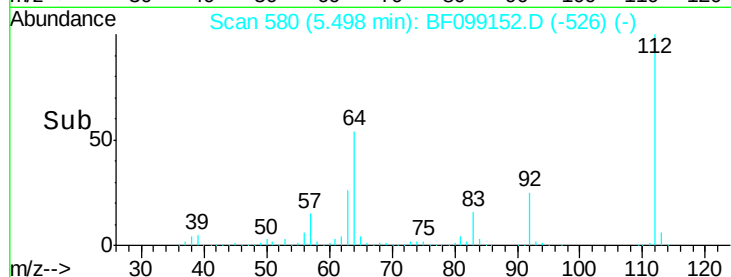
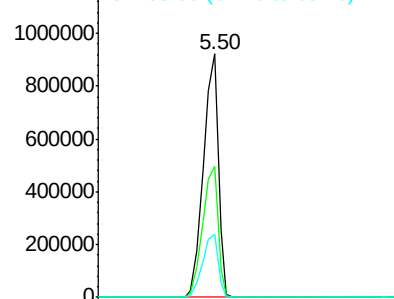
Tgt Ion:	112	Resp:	945252
Ion Ratio	Lower	Upper	
112	100		
64	54.0	47.9	71.9
63	26.0	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF099152.D (-526) (-)



#6

Aniline

Concen: 29.98 ng

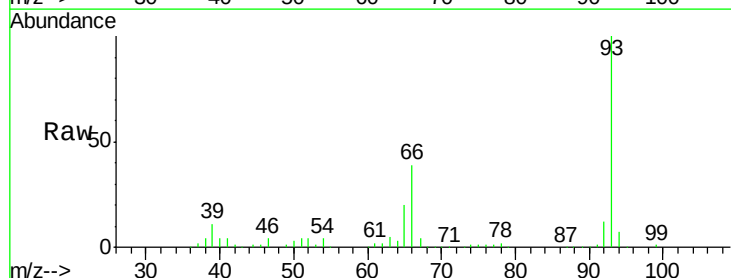
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

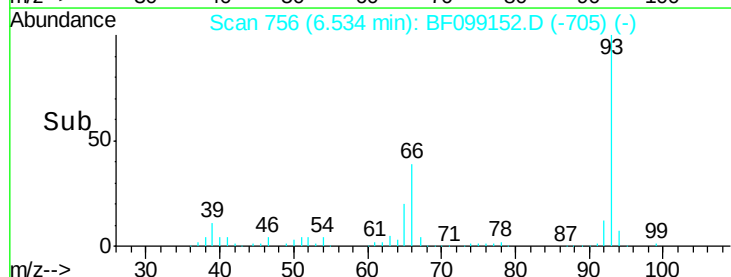
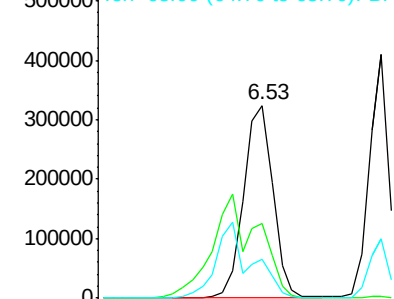
Lab File: BF099152.D

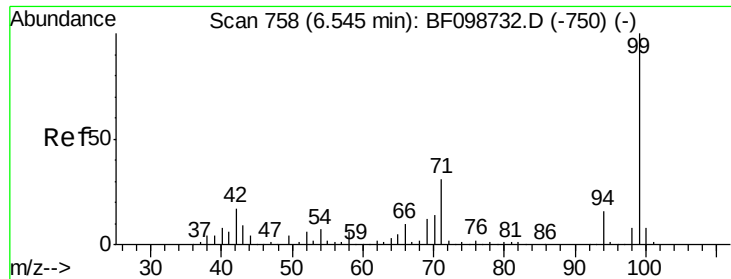
Acq: 6 Oct 2017 17:28

Tgt Ion:	93	Resp:	393587
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.2	48.2
65	20.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF099152.D (-705) (-)





#7

Phenol-d6

Concen: 117.68 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

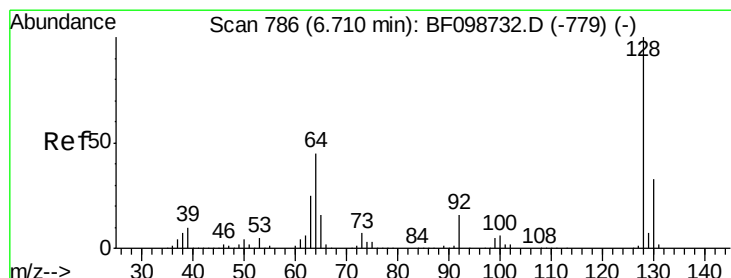
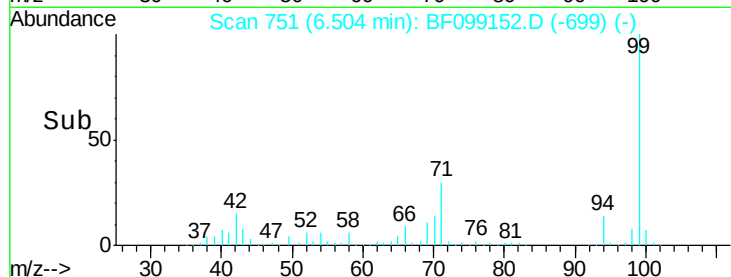
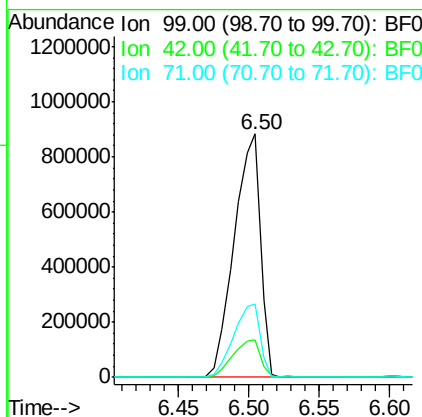
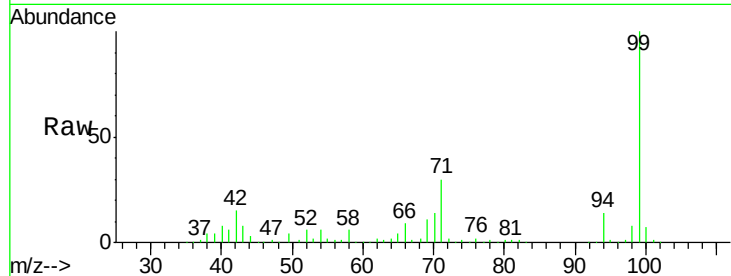
ClientSampleId :

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Tgt Ion:	99	Resp:	1144811
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	30.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 38.49 ng

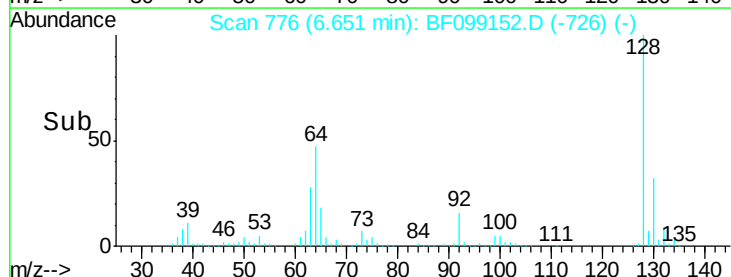
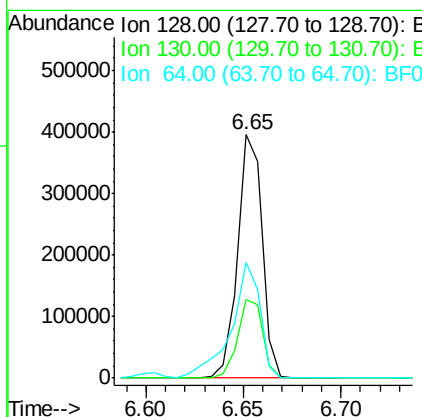
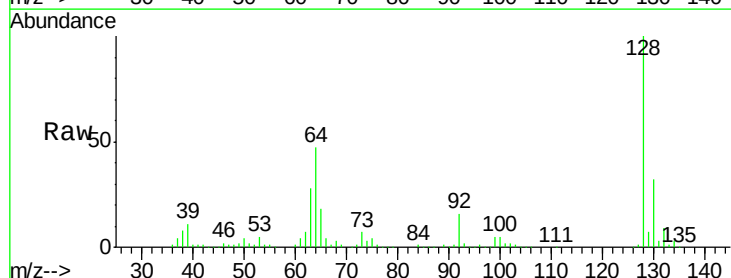
RT: 6.65 min Scan# 776

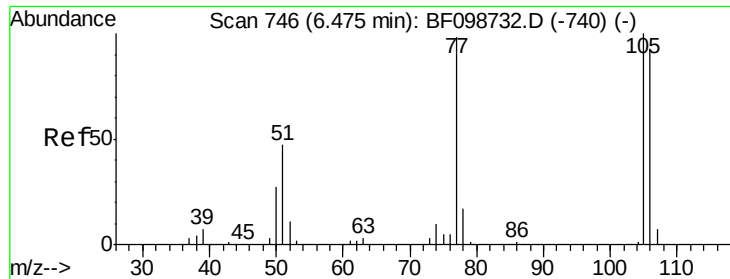
Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	128	Resp:	343752
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	47.4	29.4	69.4





#9

Benzaldehyde

Concen: 25.51 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

ClientSampleId :

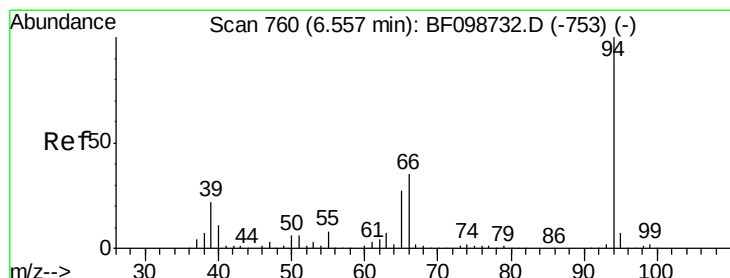
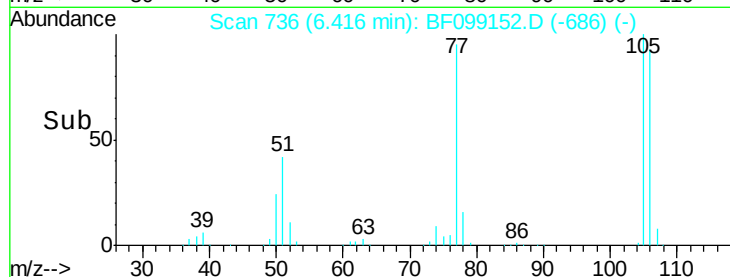
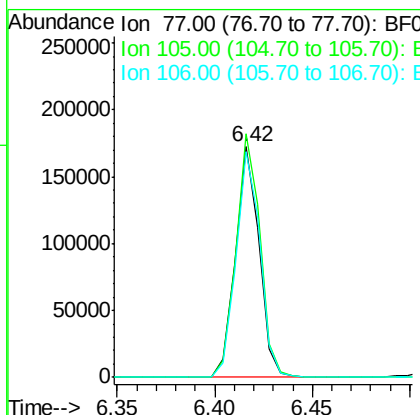
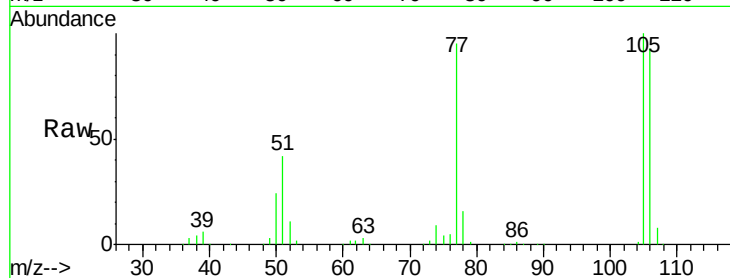
PB102940BS

Tgt Ion: 77 Resp: 143944

Ion	Ratio	Lower	Upper
77	100		
105	105.6	81.1	121.1
106	97.8	74.5	114.5

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#10

Phenol

Concen: 39.66 ng

RT: 6.52 min Scan# 753

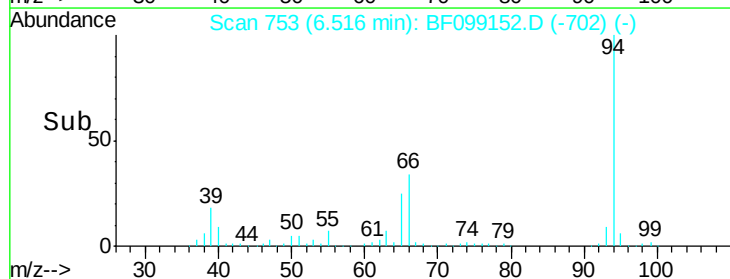
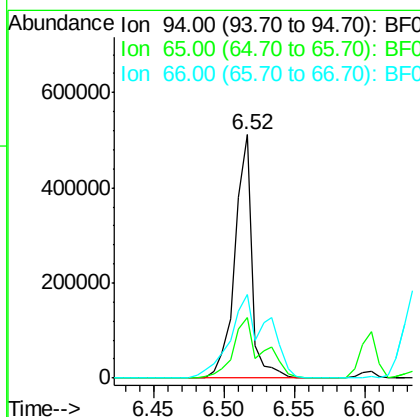
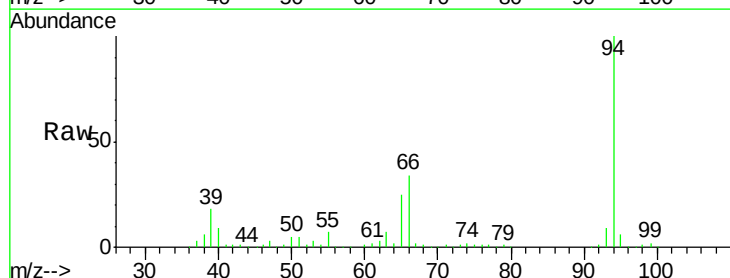
Delta R.T. 0.00 min

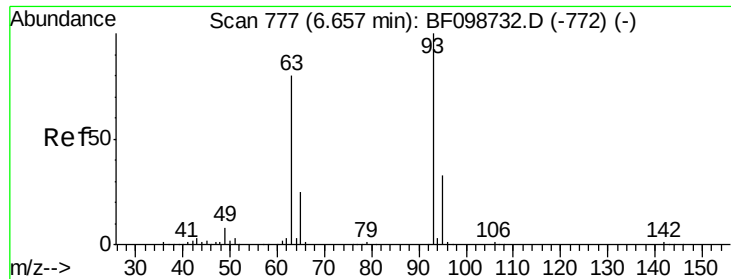
Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion: 94 Resp: 431538

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.9	47.9
66	34.2	16.2	56.2





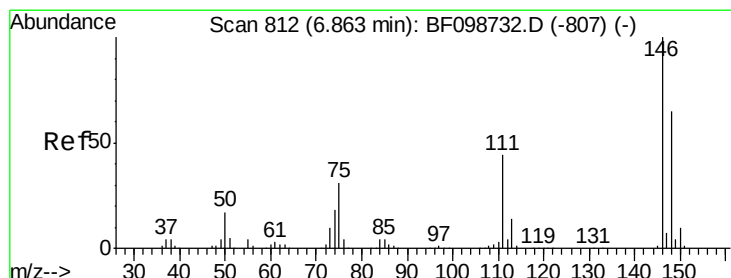
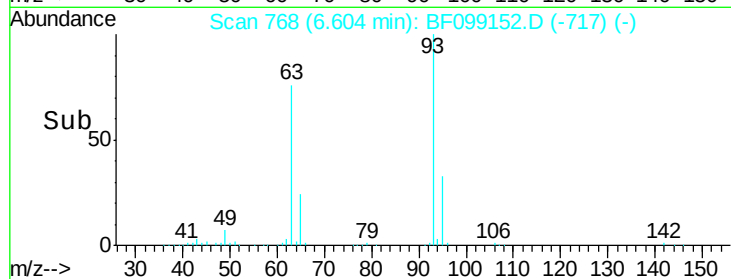
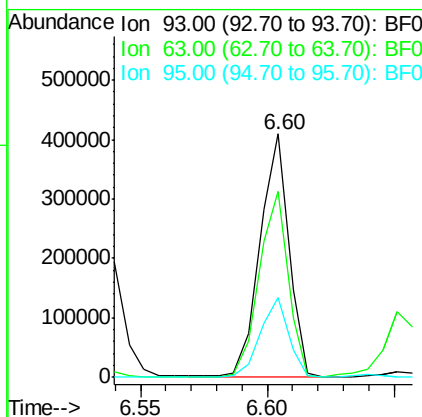
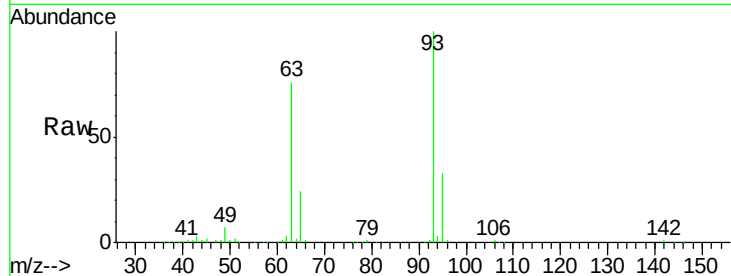
#11
bis(2-Chloroethyl)ether
Concen: 38.55 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampled :
PB102940BS

Tgt Ion:	93	Resp:	326080
Ion	Ratio	Lower	Upper
93	100		
63	76.5	58.6	98.6
95	32.8	11.8	51.8

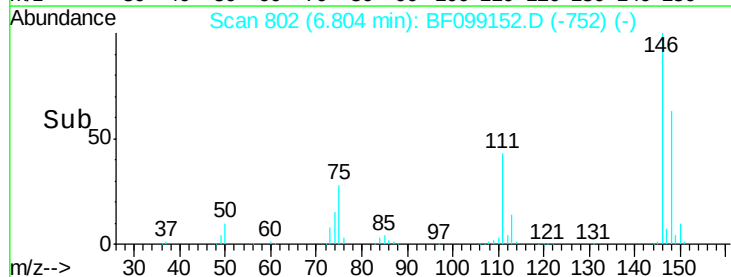
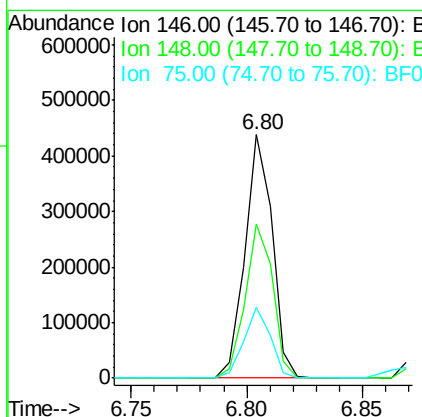
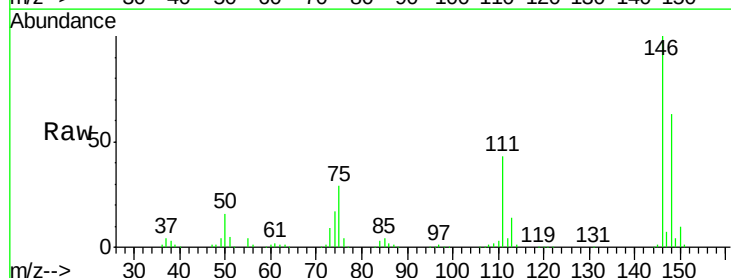
Manual Integrations
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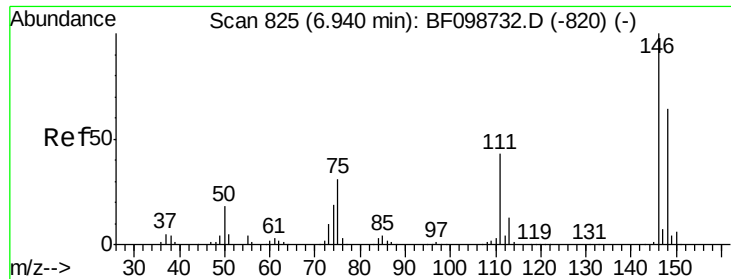
Sohil
10/9/2017 6:32:44 PM



#12
1,3-Dichlorobenzene
Concen: 38.64 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion:	146	Resp:	361440
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	28.9	24.2	36.4





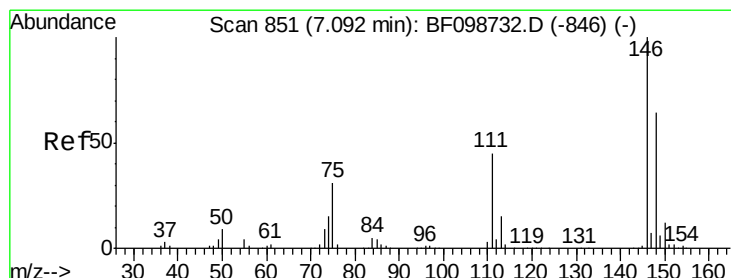
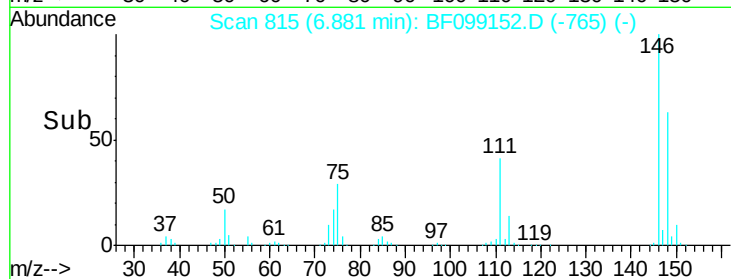
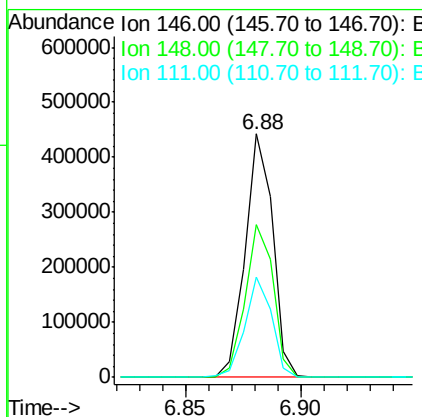
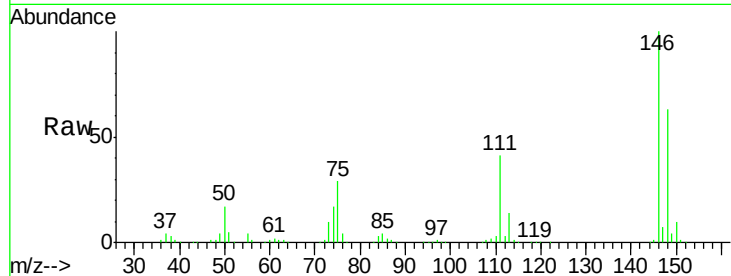
#13
 1,4-Dichlorobenzene
 Concen: 38.80 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.3	34.2	51.2

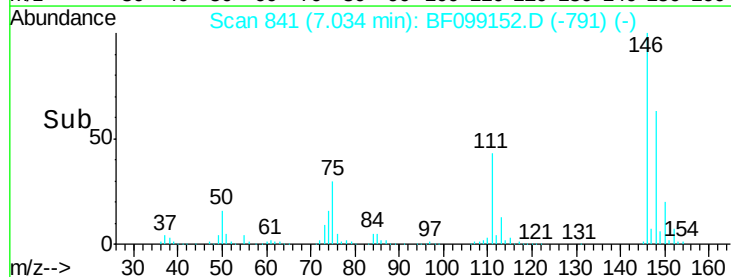
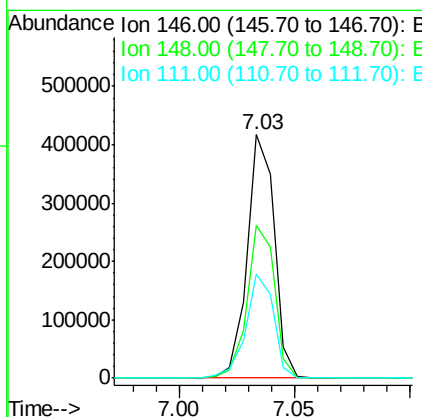
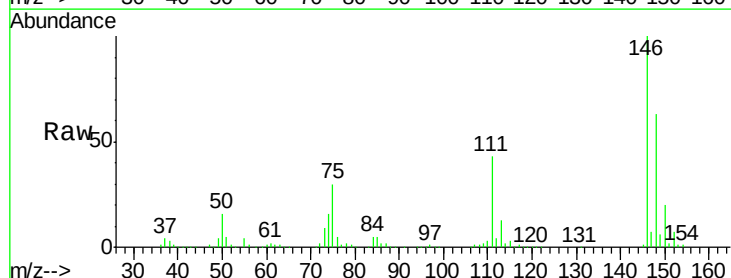
Manual Integrations
 APPROVED

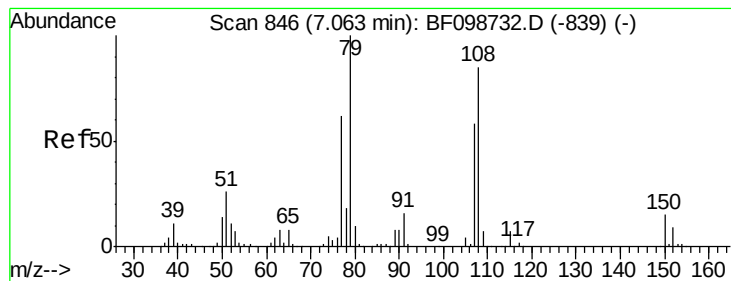
Sohil
 10/9/2017 6:32:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.09 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.87 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

ClientSampleId :

PB102940BS

Tgt Ion: 79 Resp: 277434

Ion Ratio Lower Upper

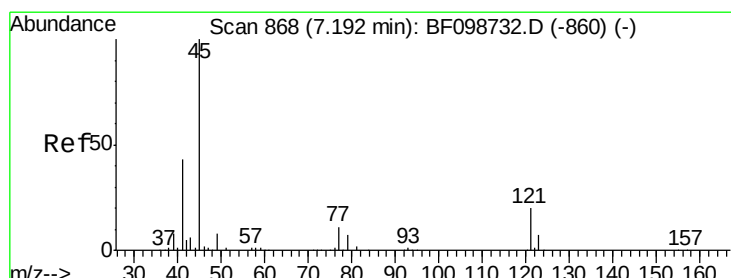
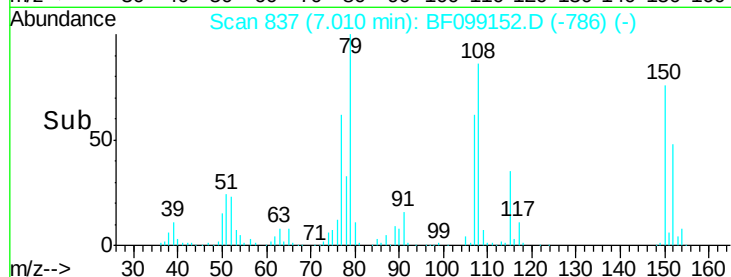
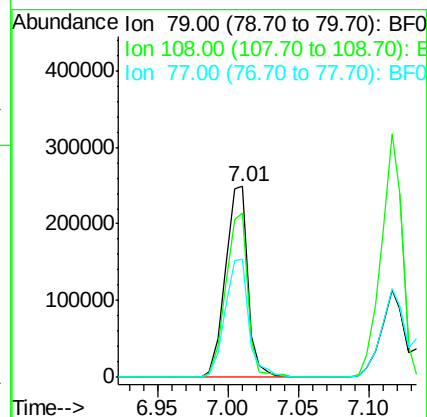
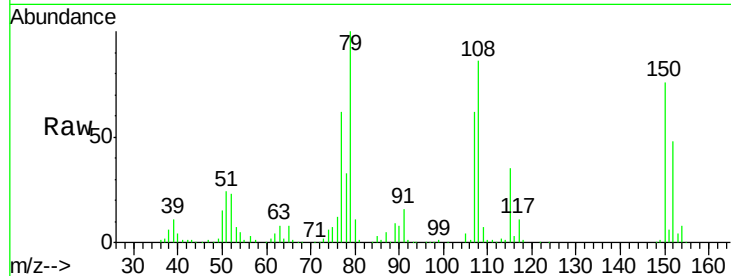
79 100

108 85.8 65.1 97.7

77 61.9 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.61 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

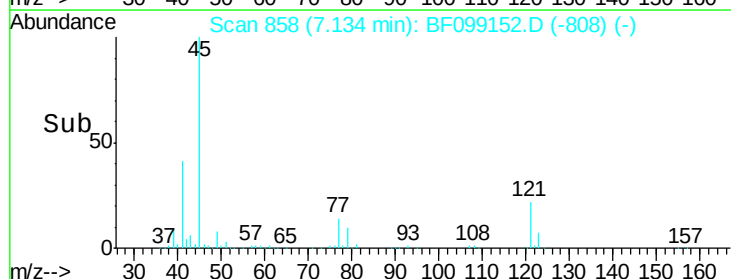
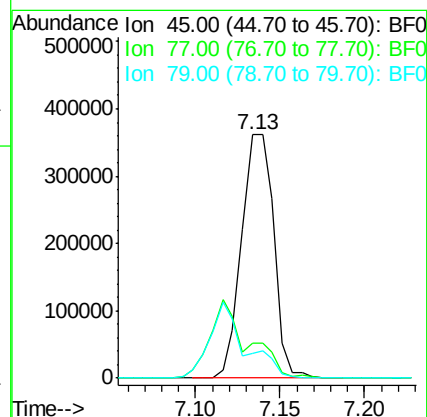
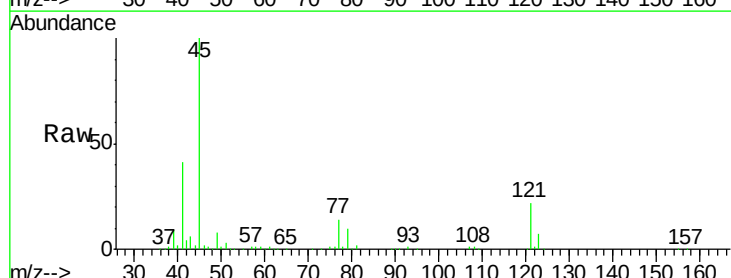
Tgt Ion: 45 Resp: 482388

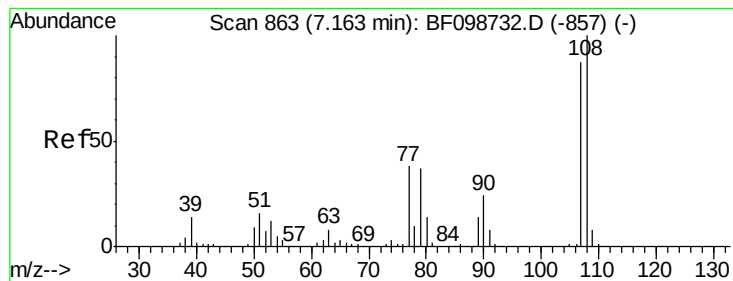
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 10.4 0.0 29.6





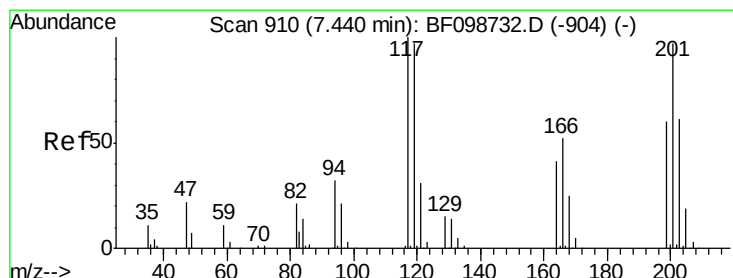
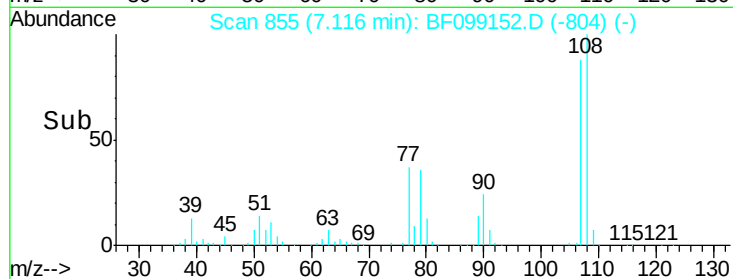
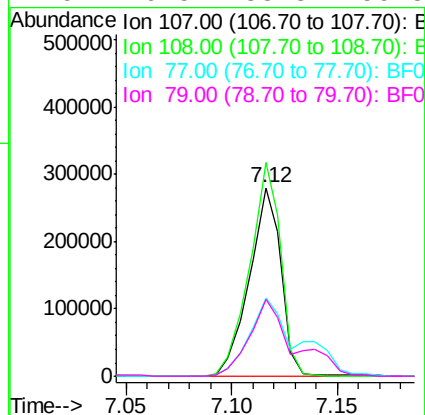
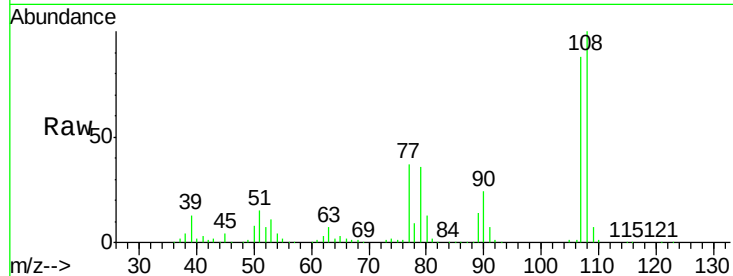
#17
2-Methylphenol
Concen: 39.55 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	289023		
108	113.3	91.7	137.5	
77	41.5	33.8	50.8	
79	40.5	33.8	50.8	

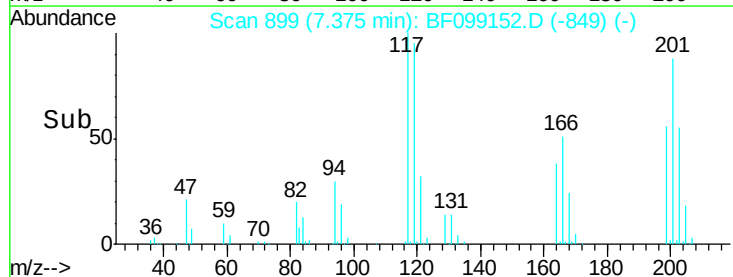
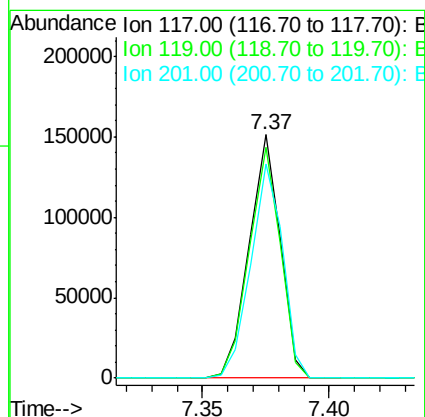
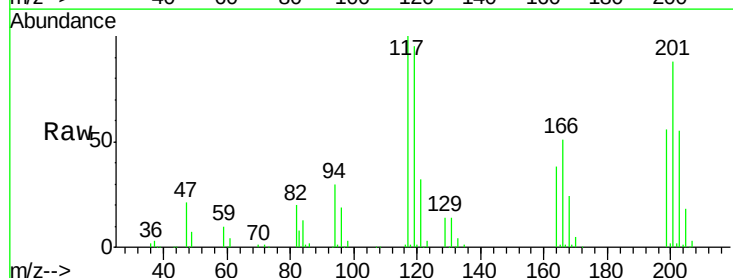
Manual Integrations
APPROVED

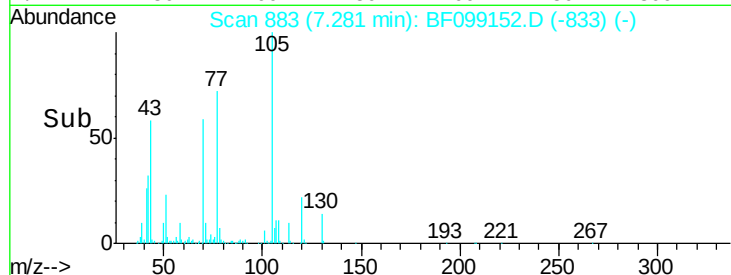
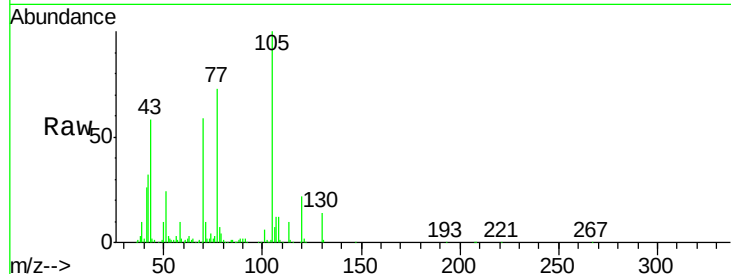
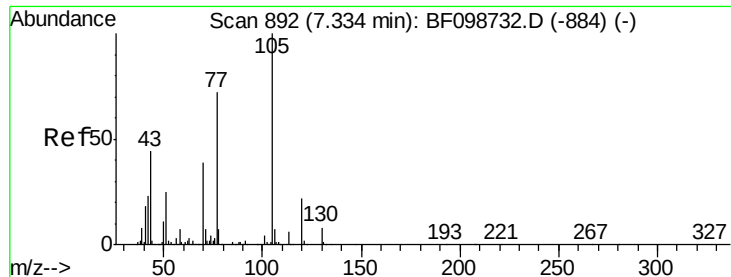
Sohil
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#18
Hexachloroethane
Concen: 38.01 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129998		
119	94.9	75.8	113.8	
201	88.1	75.7	113.5	





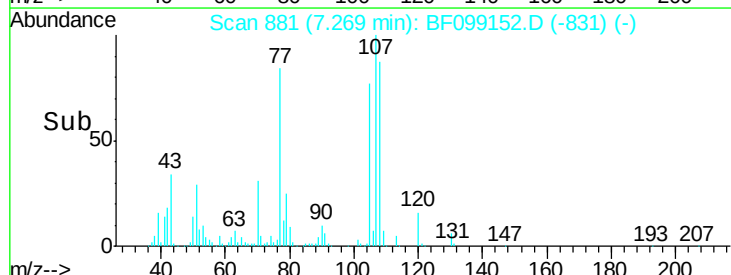
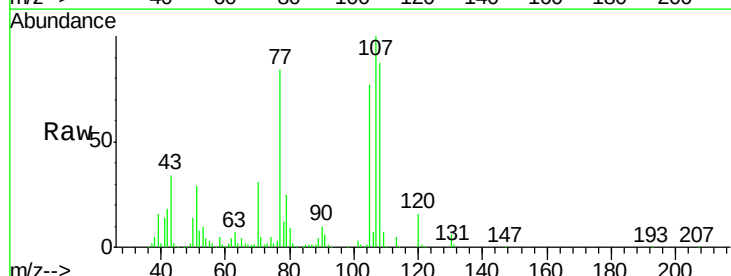
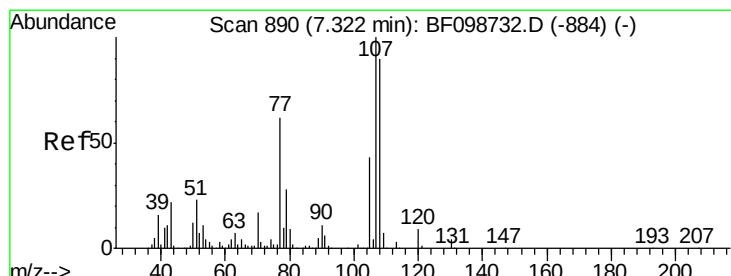
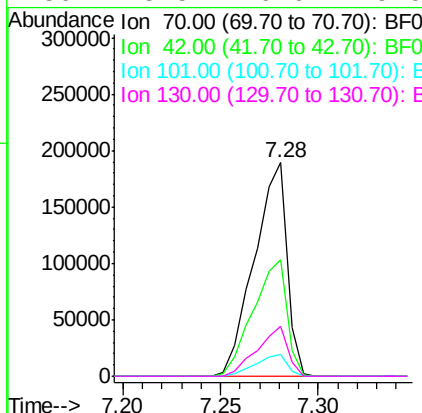
#19
n-Nitroso-di-n-propylamine
Concen: 35.66 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	221473		
42	54.3	47.5	71.3	
101	10.0	7.4	11.2	
130	23.5	16.6	25.0	

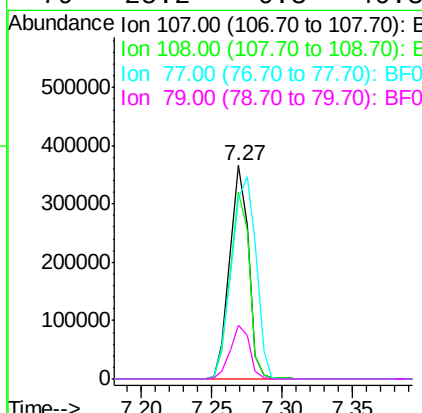
Manual Integrations
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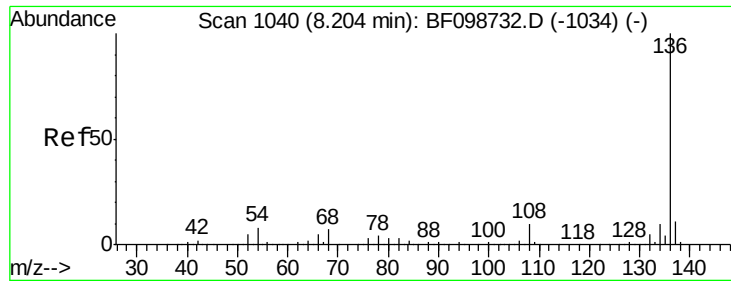
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#20
3+4-Methylphenols
Concen: 37.21 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	343944		
108	87.4	68.2	108.2	
77	84.4	26.7	66.7	
79	25.2	6.3	46.3	





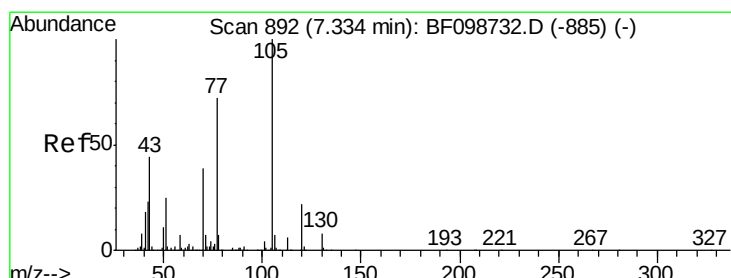
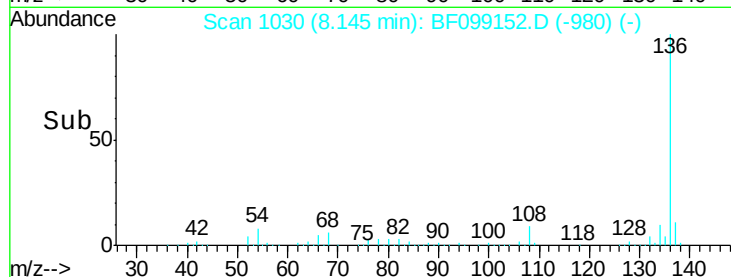
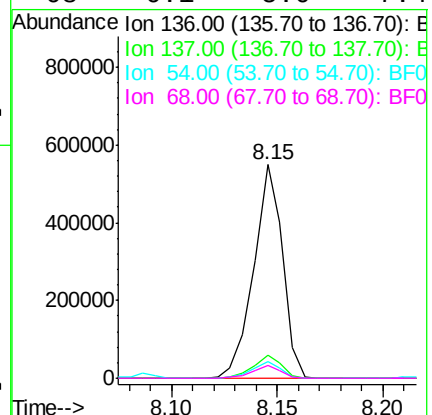
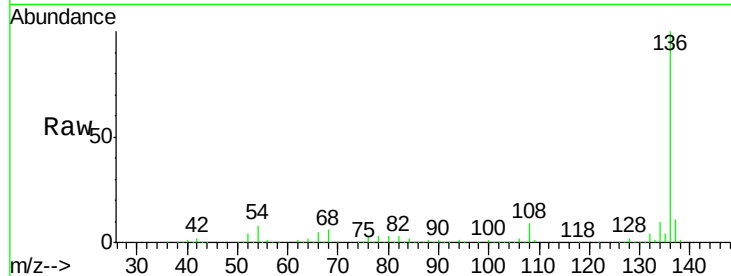
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	521851		
137	10.9	8.9	13.3	
54	7.6	6.6	9.8	
68	6.1	5.0	7.4	

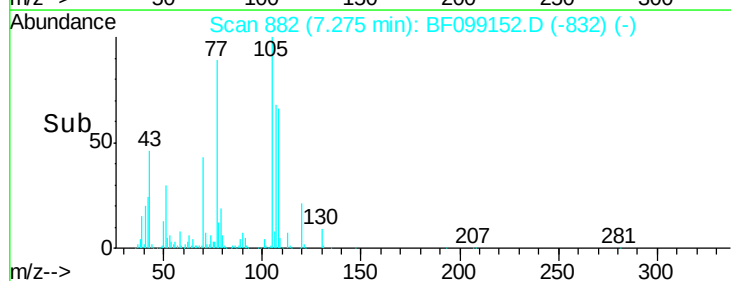
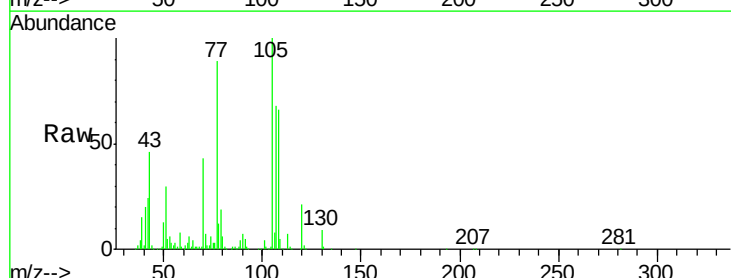
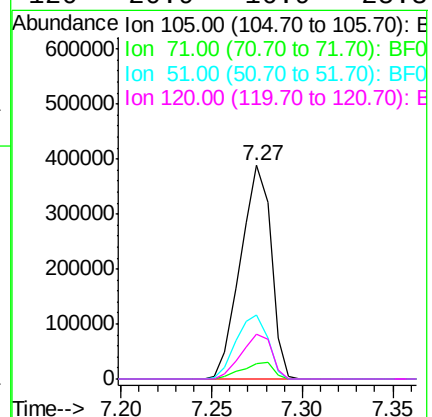
Manual Integrations
APPROVED

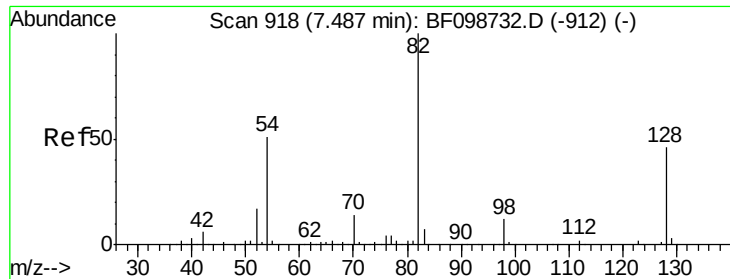
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#22
Acetophenone
Concen: 36.05 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	455843		
71	7.1	4.4	6.6#	
51	30.0	22.3	33.5	
120	20.9	16.9	25.3	





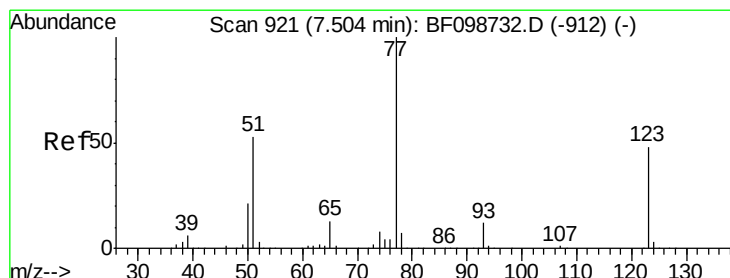
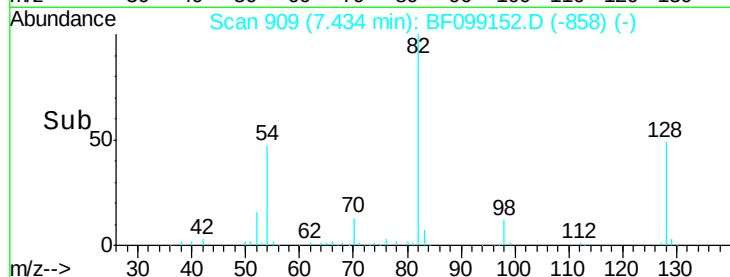
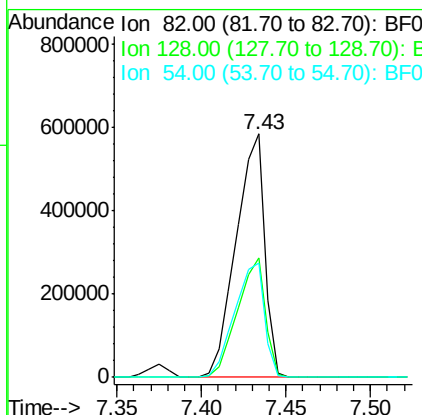
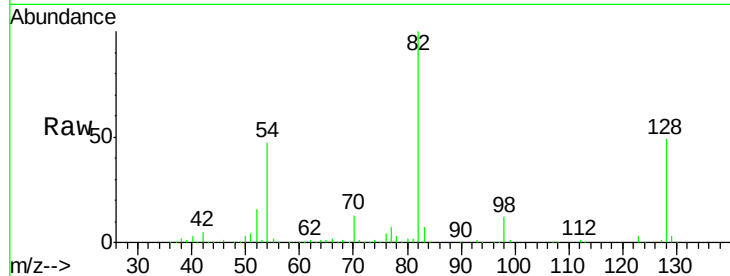
#23
 Nitrobenzene-d5
 Concen: 85.01 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	691727		
128	49.1	36.1	54.1	
54	47.1	41.4	62.2	

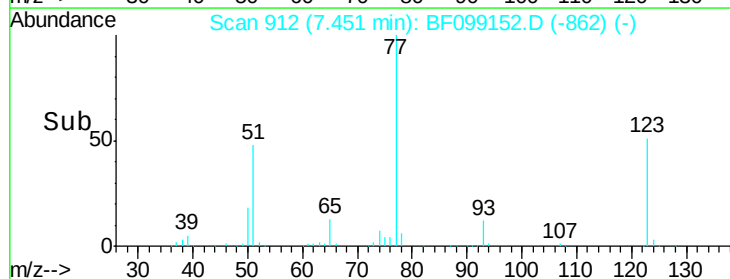
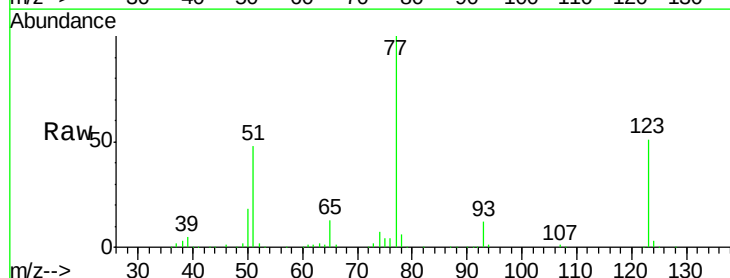
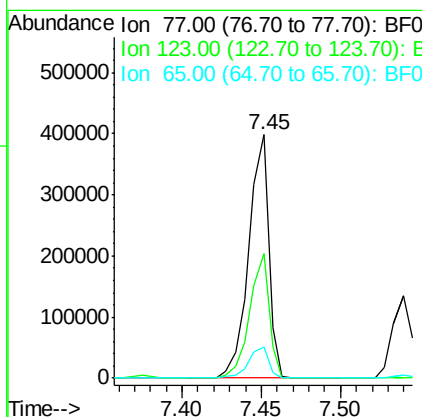
Manual Integrations
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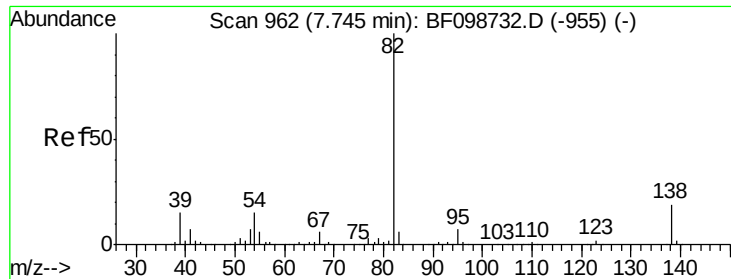
Sohil
 10/9/2017 6:32:44 PM



#24
 Nitrobenzene
 Concen: 37.73 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	348239		
123	51.1	37.9	56.9	
65	12.8	11.0	16.4	





#25

Isophorone

Concen: 38.58 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

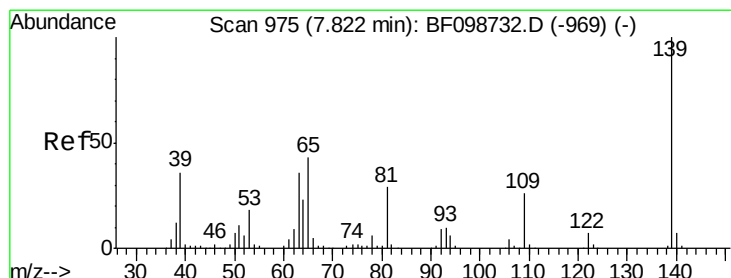
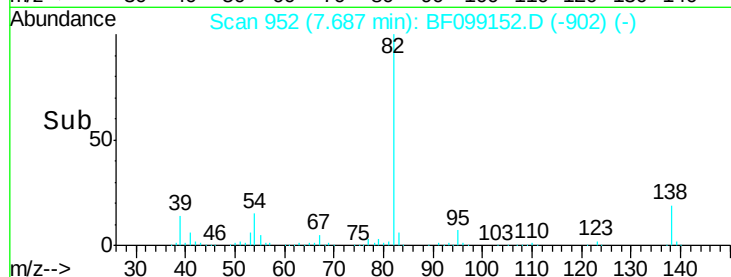
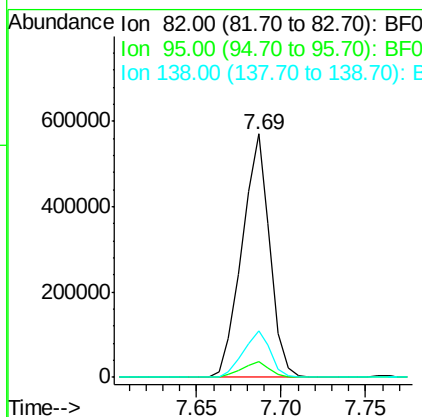
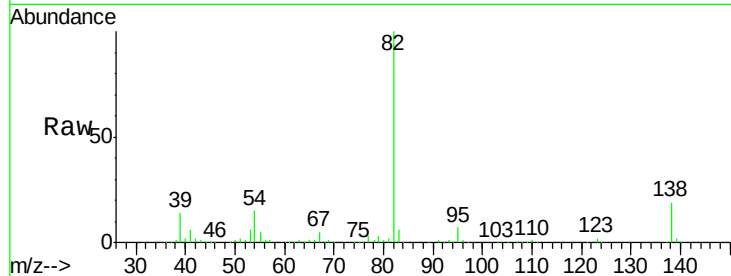
ClientSampleId :

PB102940BS

Tgt Ion:	82	Resp:	649112
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	19.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.33 ng

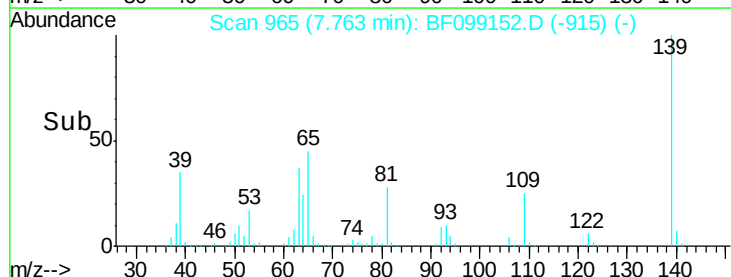
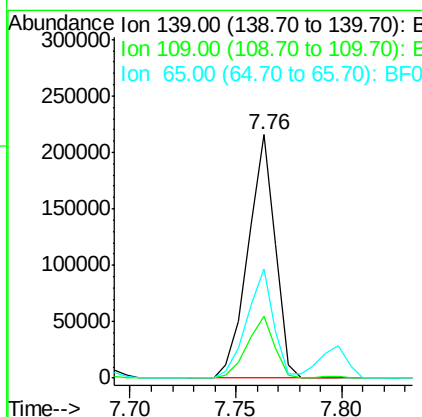
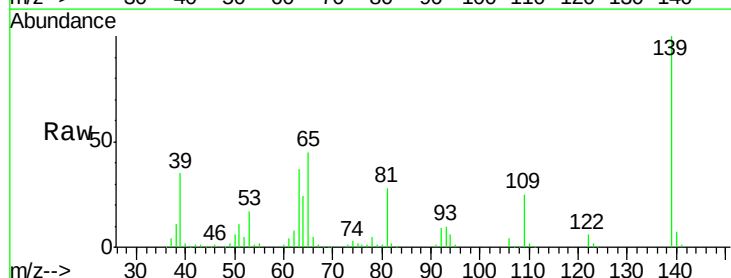
RT: 7.76 min Scan# 965

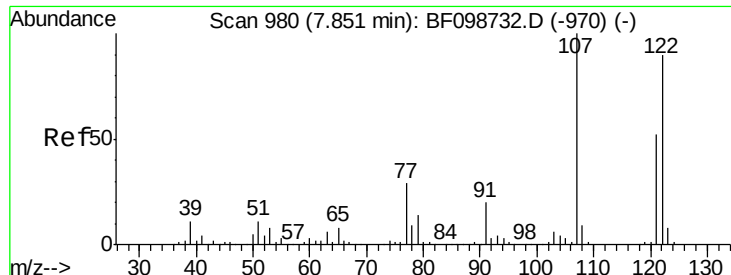
Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	139	Resp:	192348
Ion Ratio		Lower	Upper
139	100		
109	25.4	22.7	34.1
65	44.7	40.5	60.7





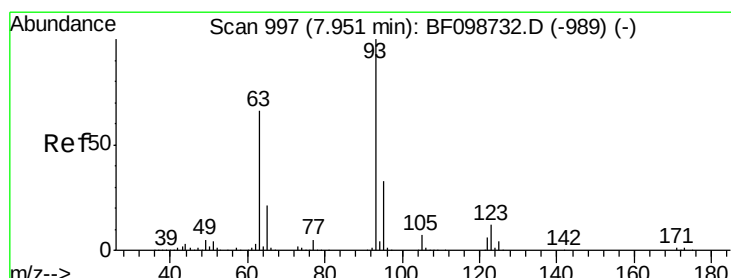
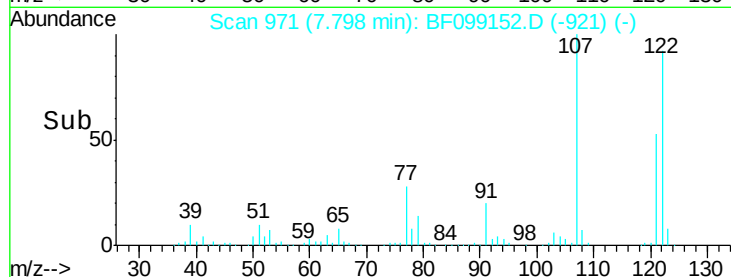
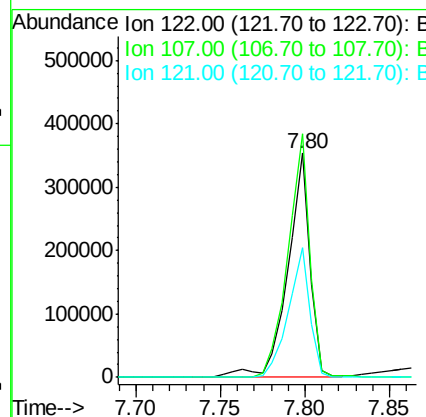
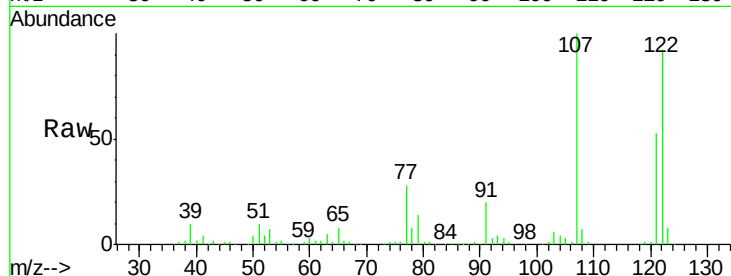
#27
 2,4-Dimethylphenol
 Concen: 38.76 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampled :
 PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	324902		
107	108.8	91.2	136.8	
121	57.7	47.2	70.8	

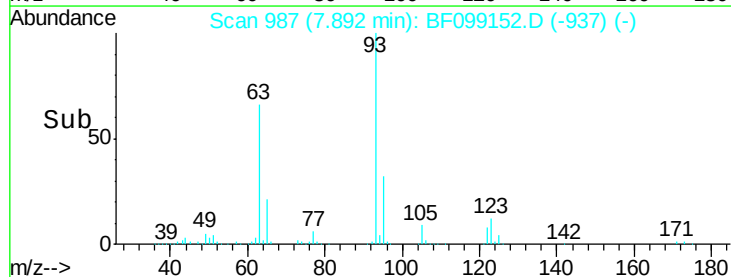
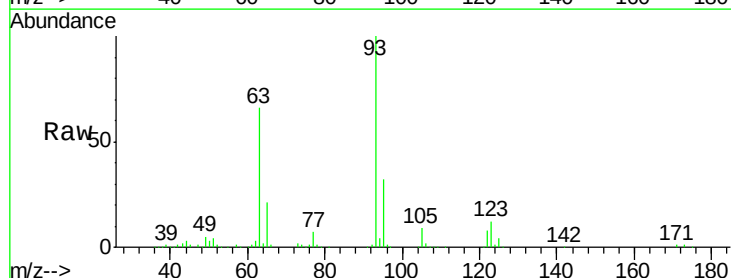
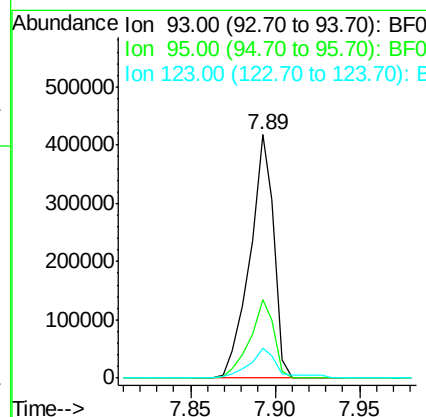
Manual Integrations
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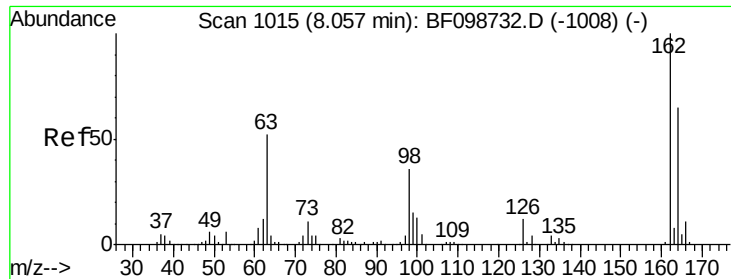
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.42 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	413298		
95	32.4	26.3	39.5	
123	12.1	9.8	14.6	





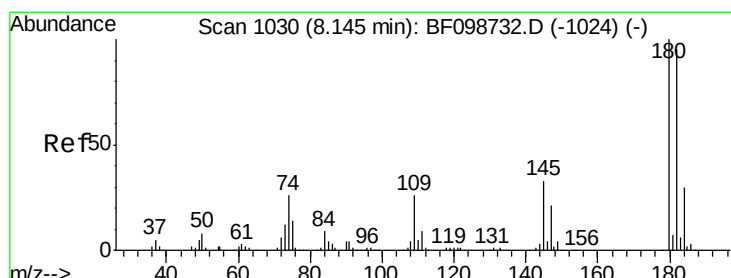
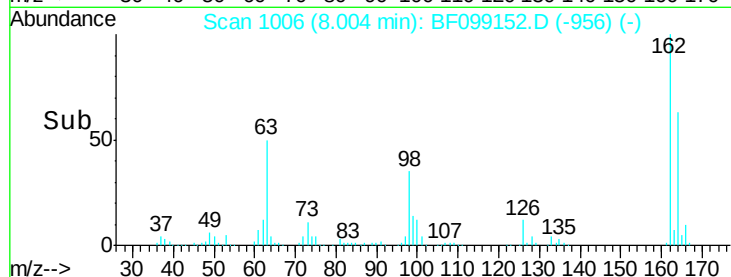
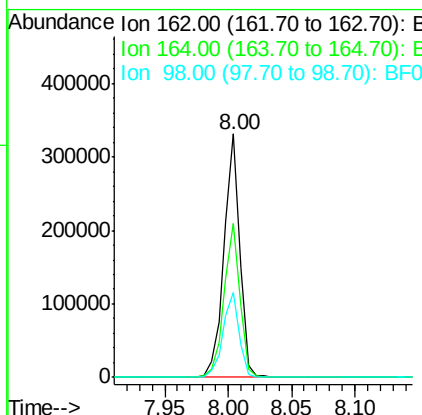
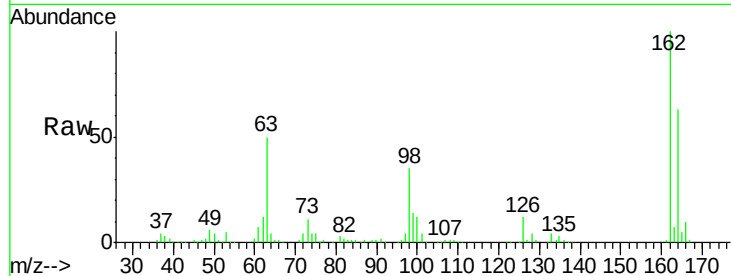
#29
2,4-Dichlorophenol
Concen: 40.07 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	288423		
164	63.2	42.7	82.7	
98	34.9	18.1	58.1	

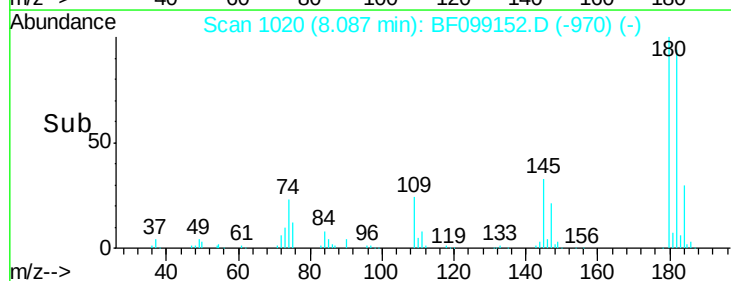
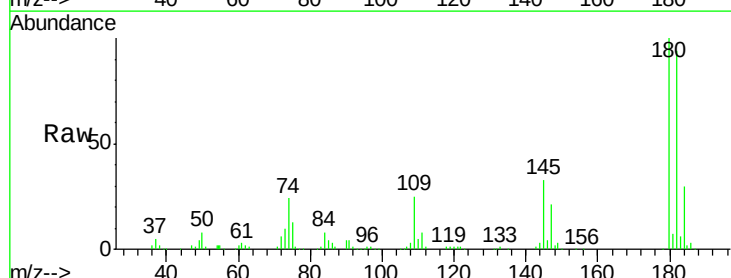
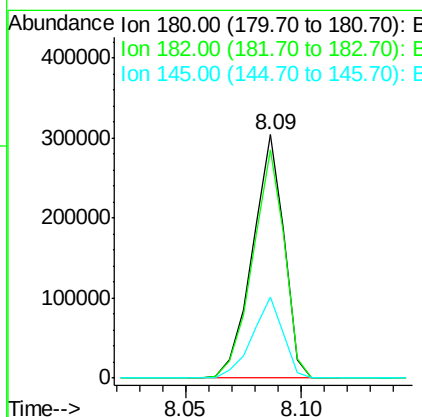
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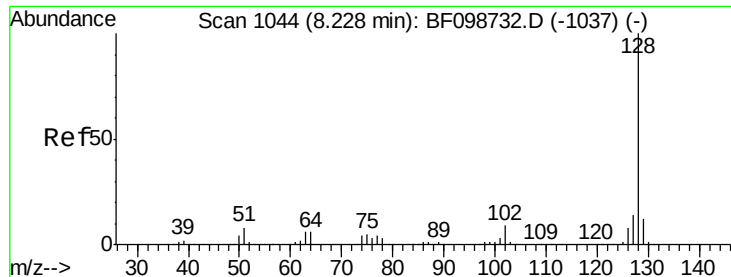
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.16 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	289064		
182	93.6	76.8	115.2	
145	33.2	26.5	39.7	





#31

Naphthalene

Concen: 39.43 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

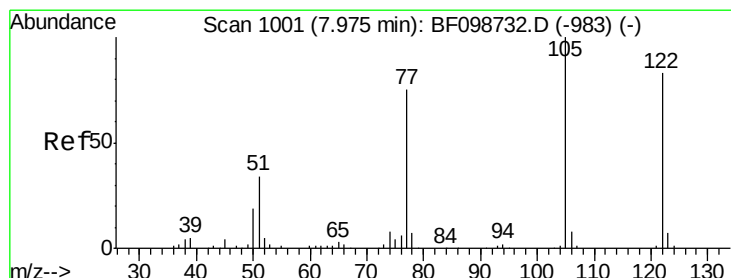
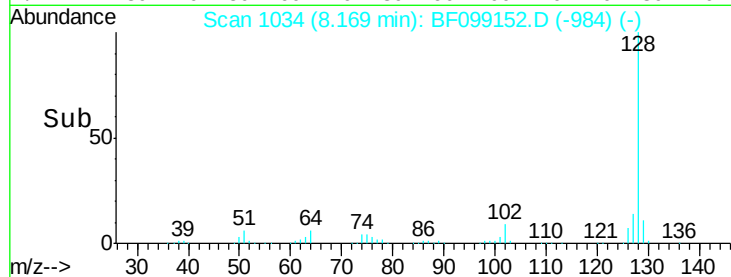
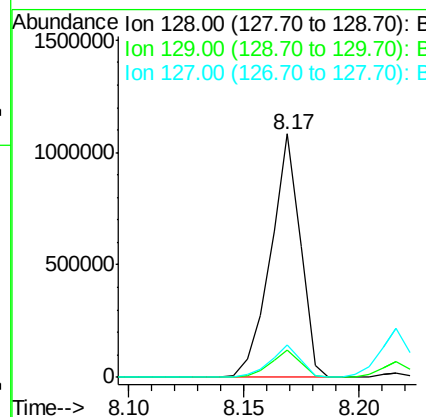
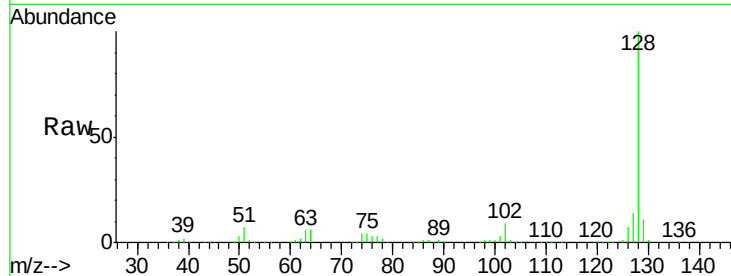
ClientSampled :

PB102940BS

Tgt Ion:	128	Resp:	966311
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.6	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 27.13 ng

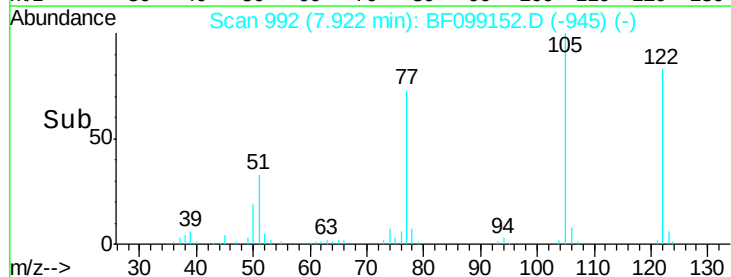
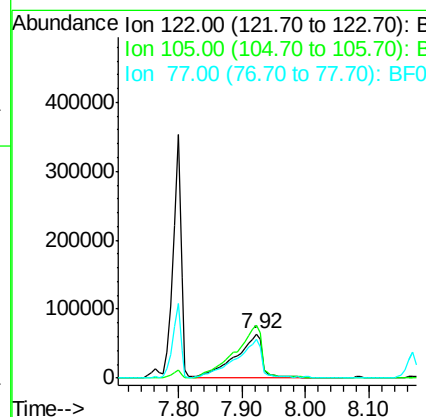
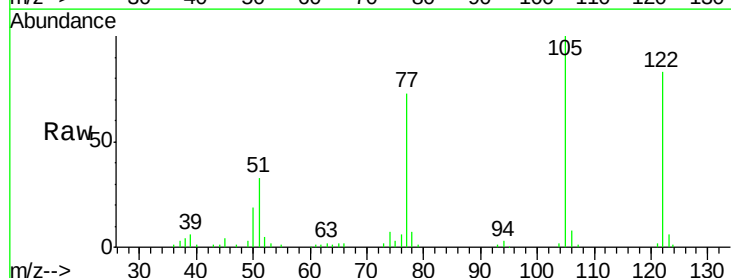
RT: 7.92 min Scan# 992

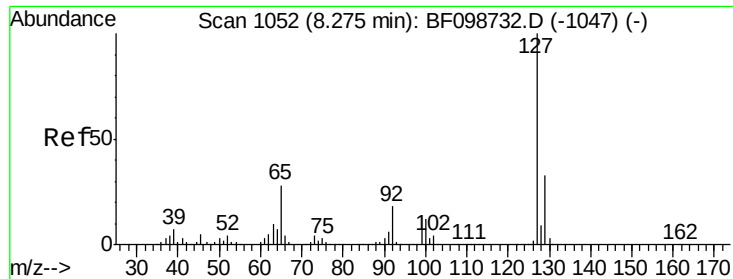
Delta R.T. -0.02 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	122	Resp:	186818
Ion Ratio	Lower	Upper	
122	100		
105	120.1	101.1	141.1
77	88.2	70.7	110.7





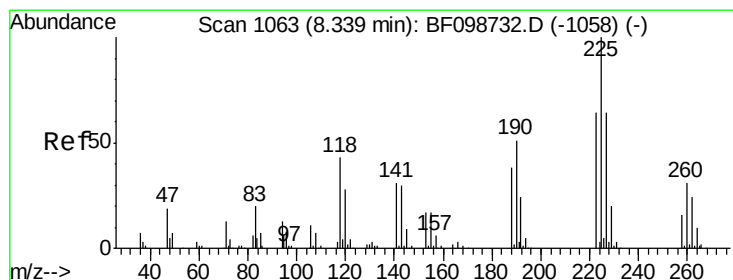
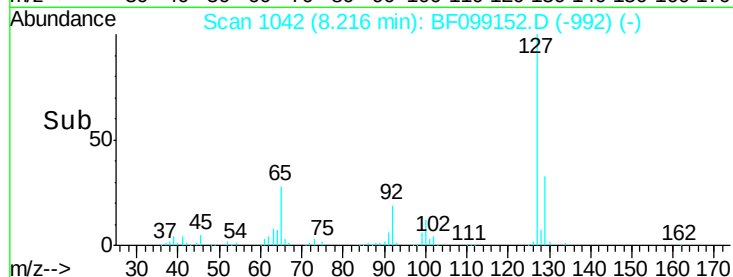
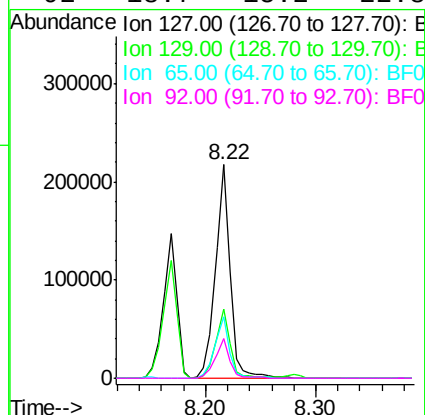
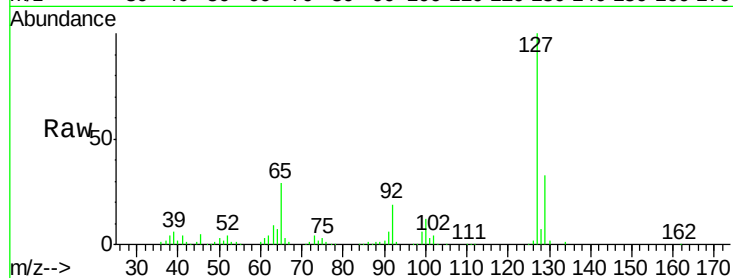
#33
4-Chloroaniline
Concen: 19.50 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	199612		
129	32.6	25.9	38.9	
65	29.0	25.0	37.4	
92	18.7	15.2	22.8	

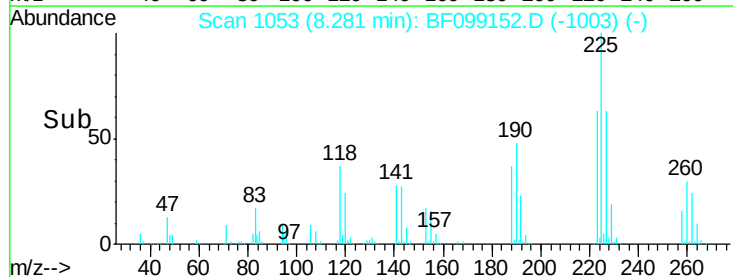
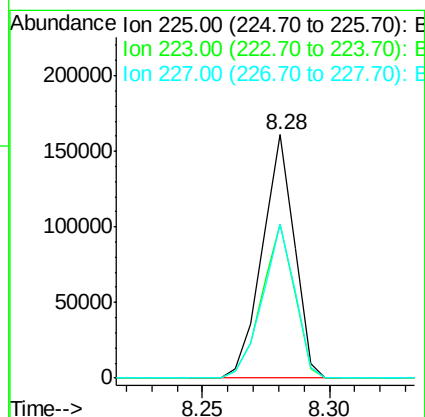
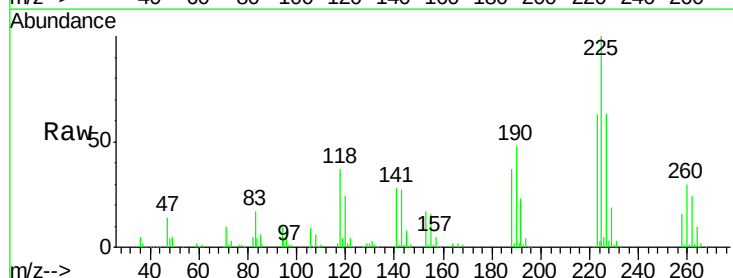
Manual Integrations
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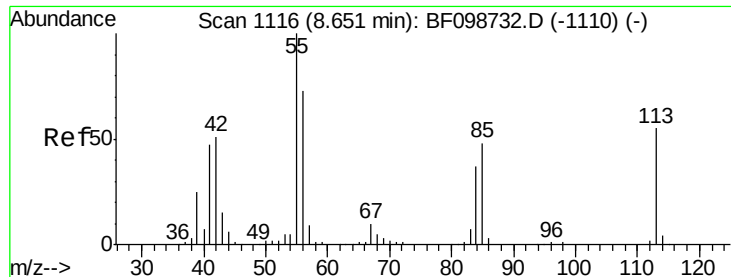
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#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141637		
223	63.2	50.6	76.0	
227	63.2	51.9	77.9	





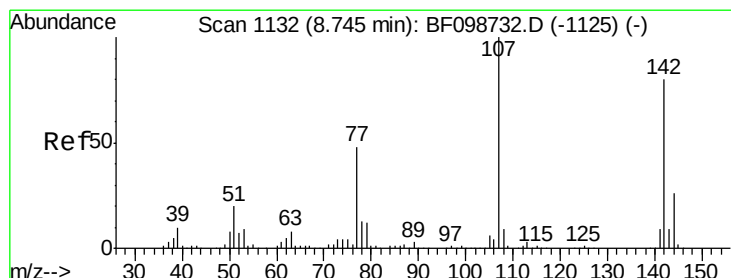
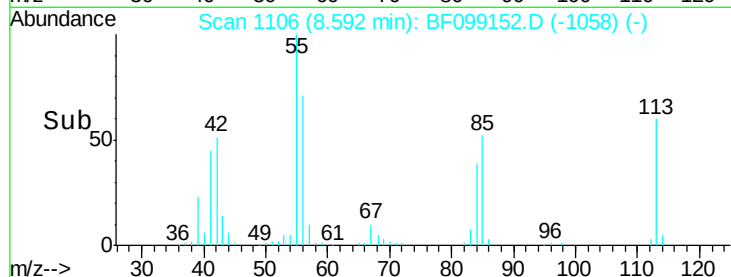
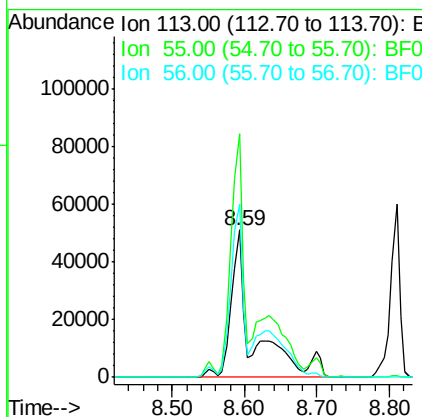
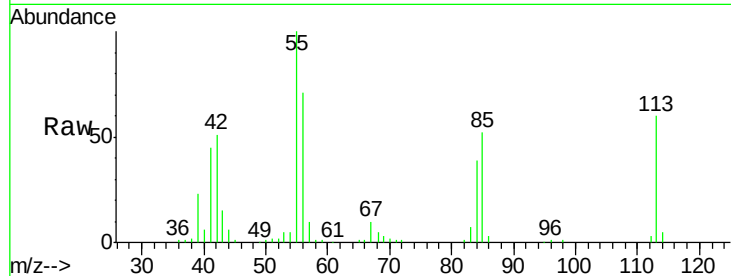
#35
 Caprolactam
 Concen: 45.93 ng m
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampled :
 PB102940BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.4	163.3	203.3
56	117.3	115.7	155.7

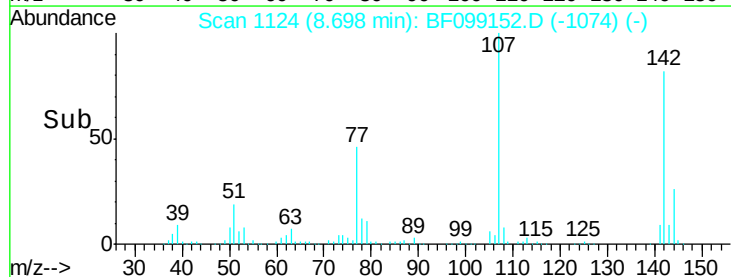
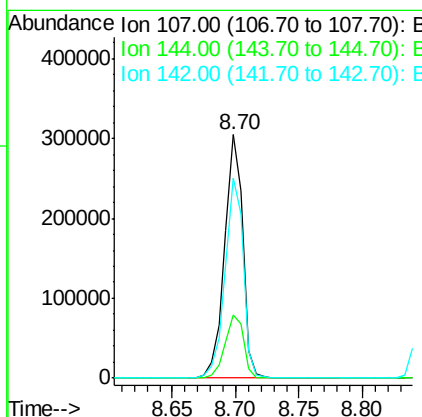
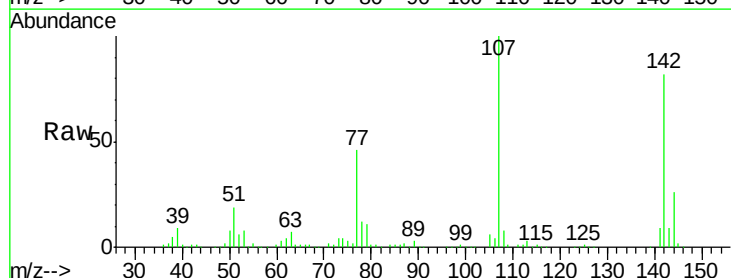
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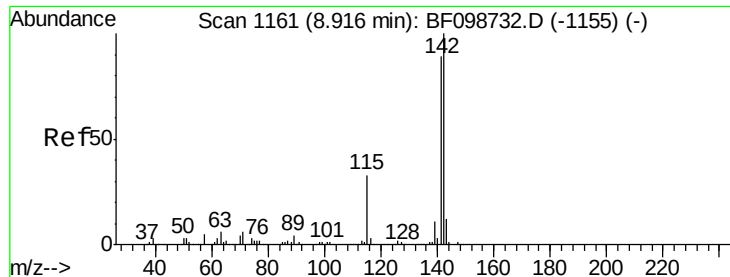
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#36
 4-Chloro-3-methylphenol
 Concen: 37.58 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	82.2	62.0	93.0





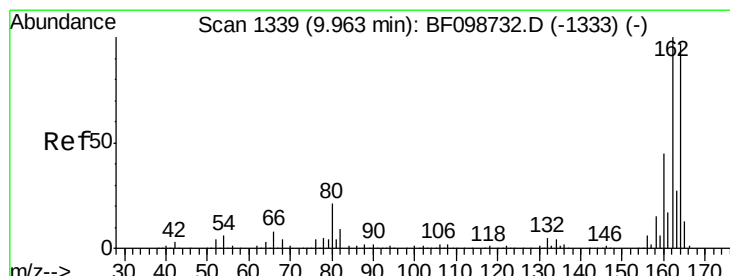
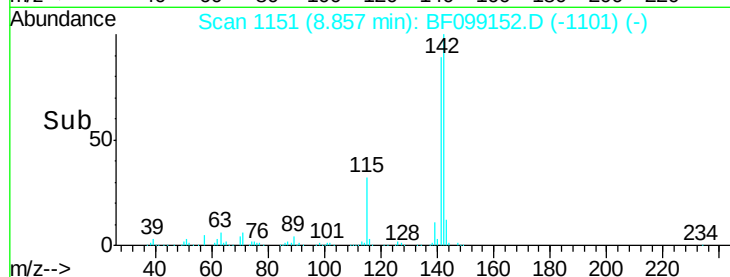
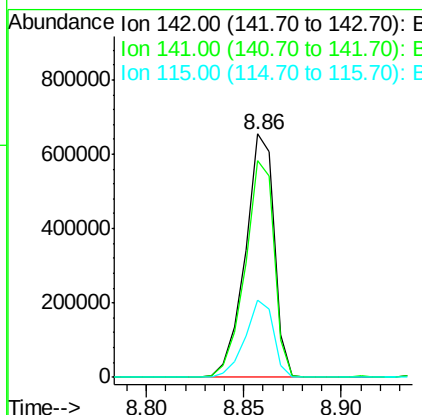
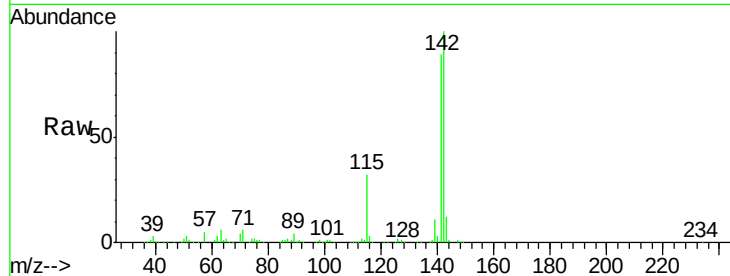
#37
2-Methylnaphthalene
Concen: 42.02 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	669552		
141	88.8	70.8	106.2	
115	31.7	26.1	39.1	

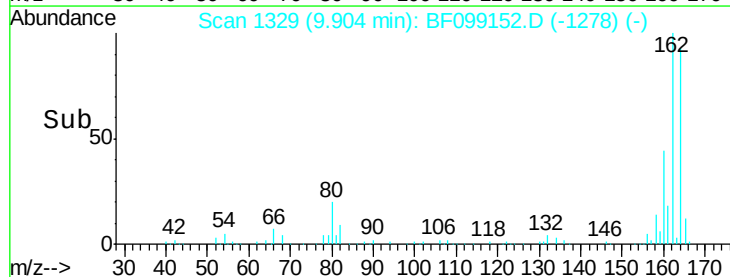
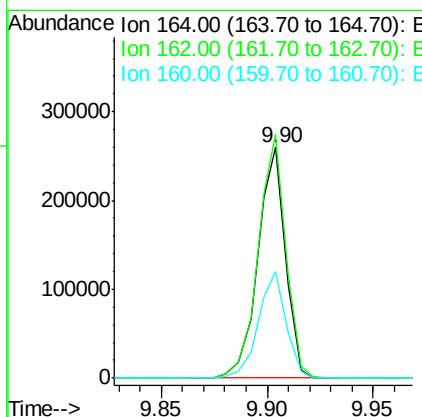
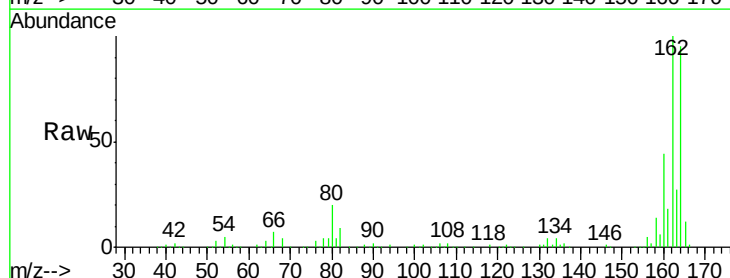
Manual Integrations
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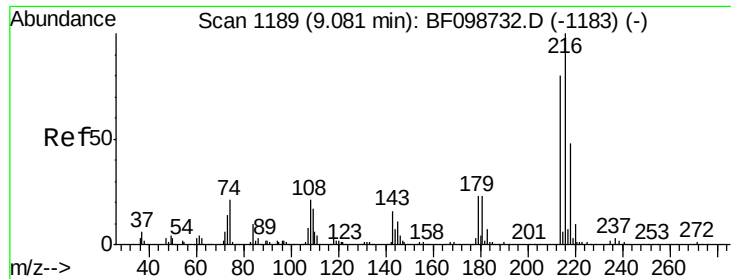
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	235367		
162	105.7	86.1	129.1	
160	46.2	38.3	57.5	





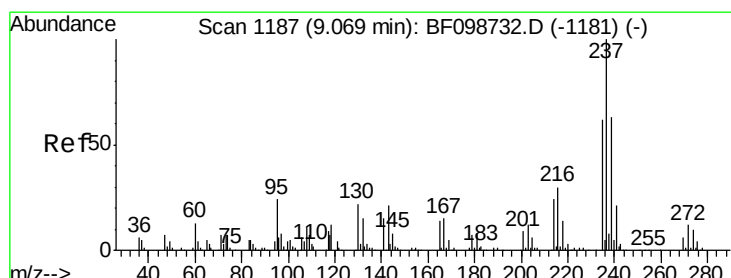
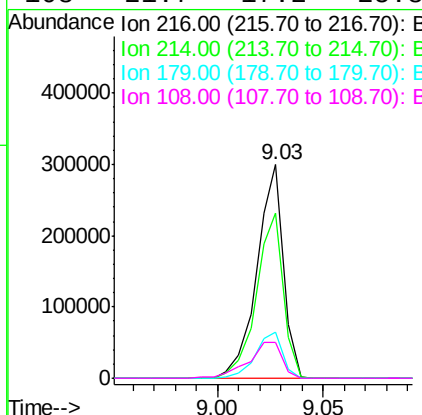
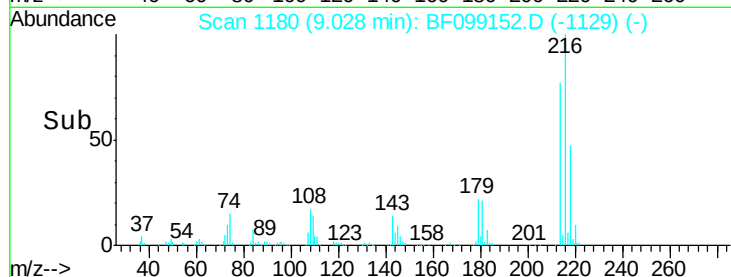
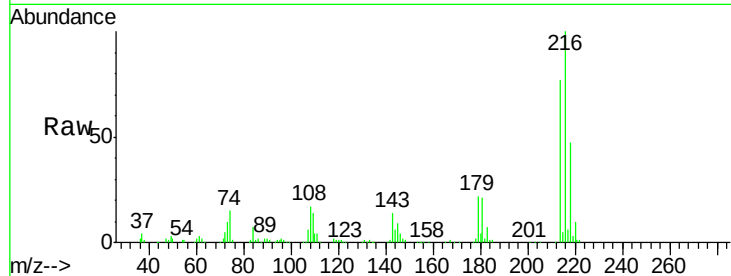
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.23 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	261358		
214	78.9	63.0	94.4	
179	22.4	18.1	27.1	
108	21.7	17.2	25.8	

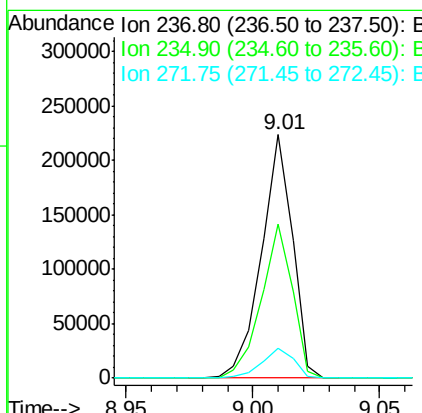
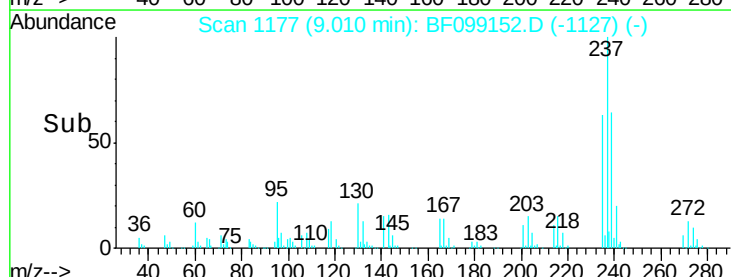
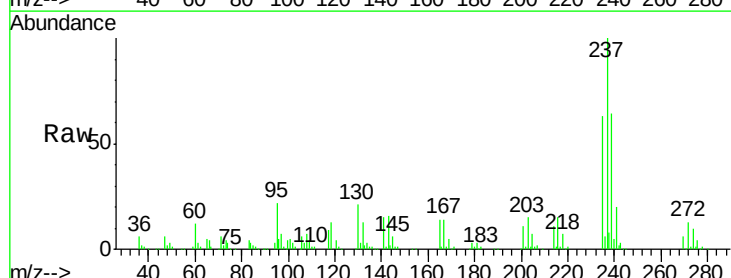
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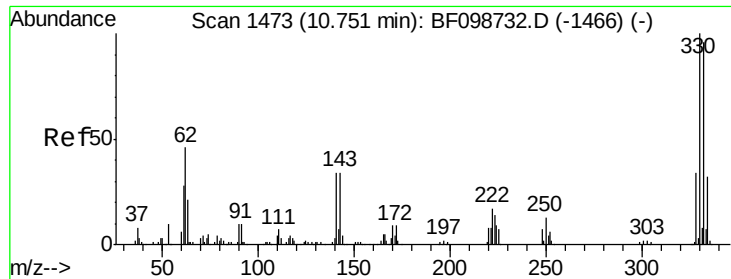
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 60.08 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	192723		
235	63.1	44.8	84.8	
272	12.5	0.0	33.3	





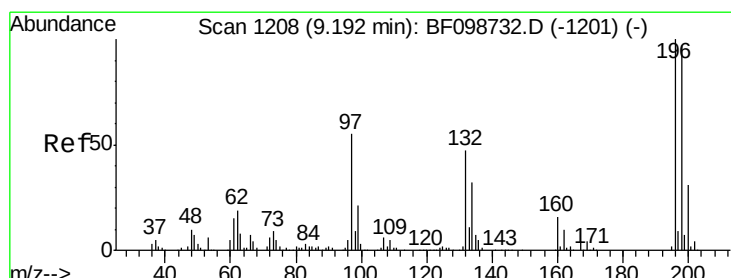
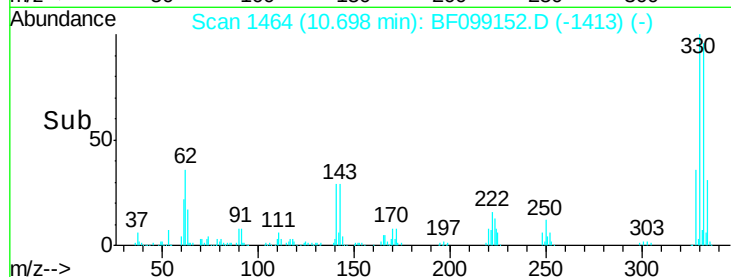
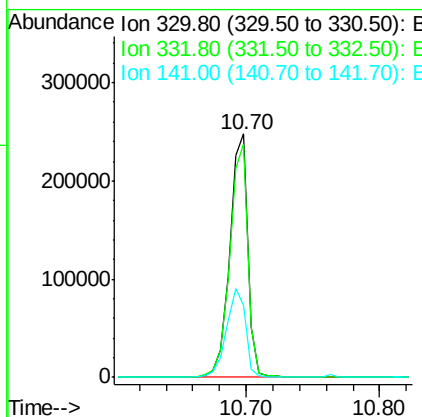
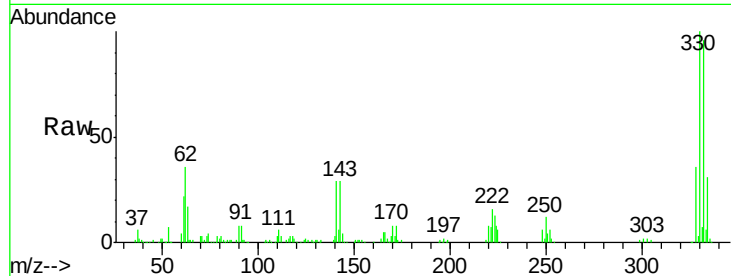
#41
 2,4,6-Tribromophenol
 Concen: 124.09 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238991		
332	96.1	77.0	115.6	
141	38.7	29.9	44.9	

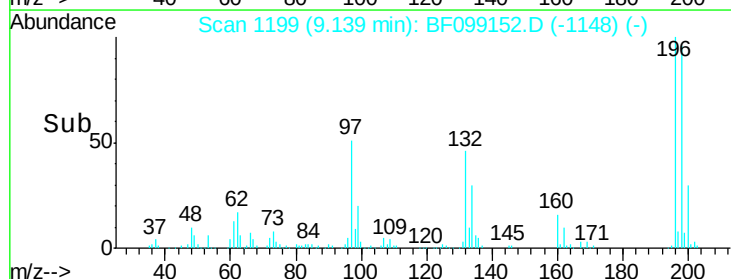
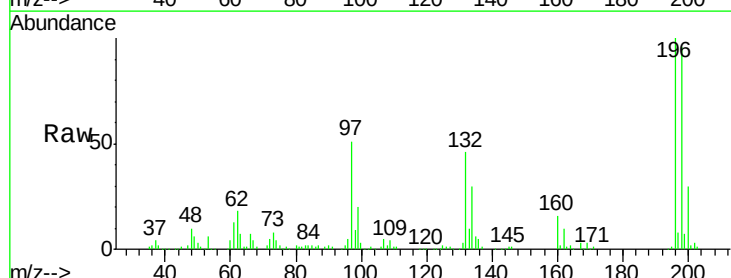
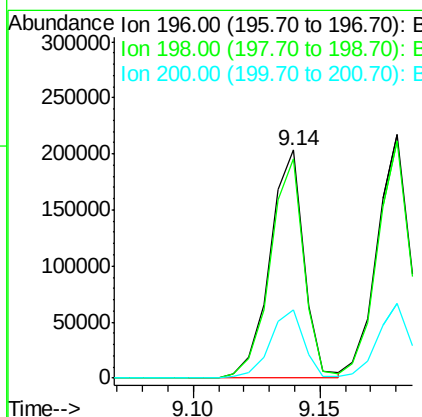
Manual Integrations
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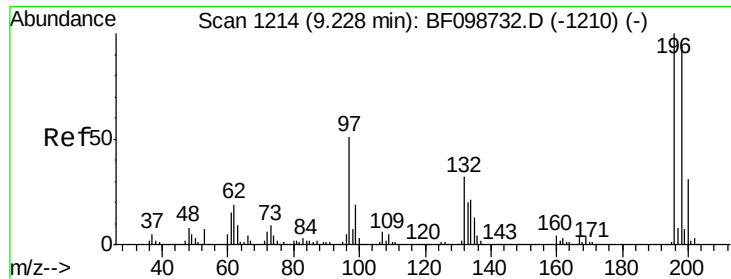
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#42
 2,4,6-Trichlorophenol
 Concen: 38.10 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189448		
198	96.4	75.7	113.5	
200	30.1	24.5	36.7	





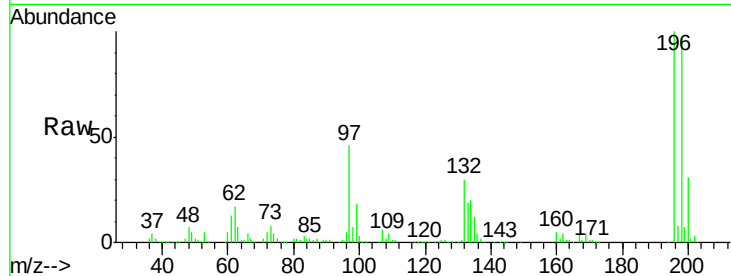
#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195631		
198	97.5	74.6	112.0	
97	46.4	42.9	64.3	
132	29.6	26.3	39.5	

Manual Integrations
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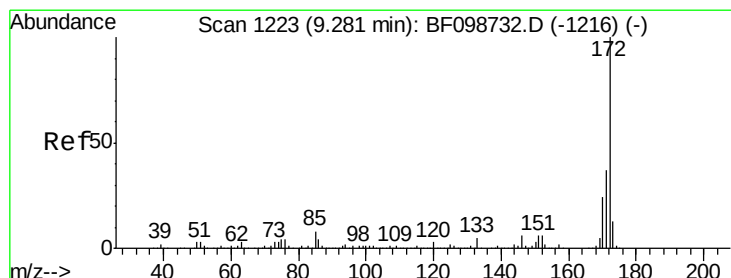
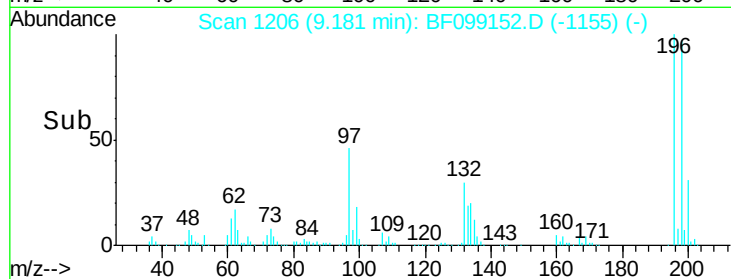
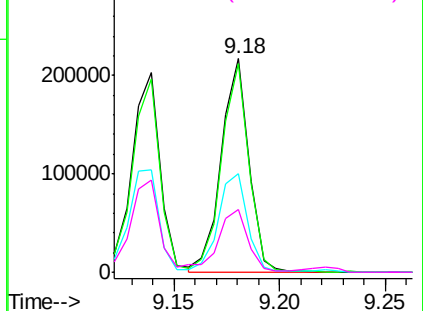
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

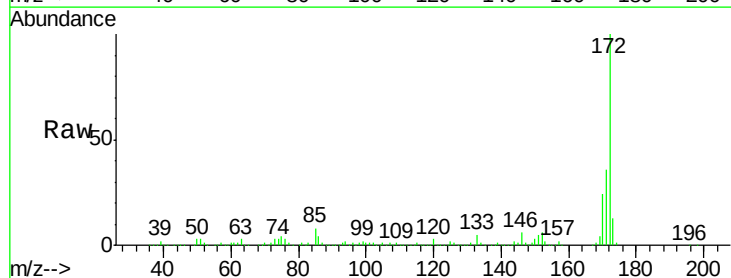
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.46 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1275312		
171	36.2	29.7	44.5	
170	23.8	19.6	29.4	

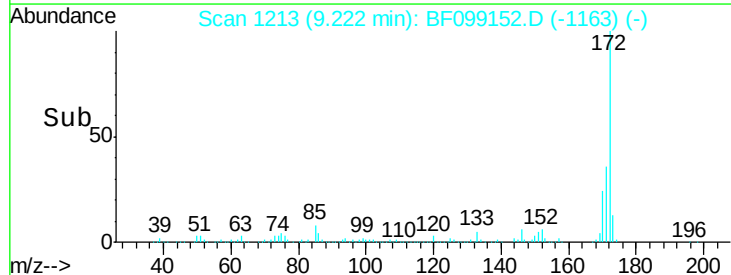
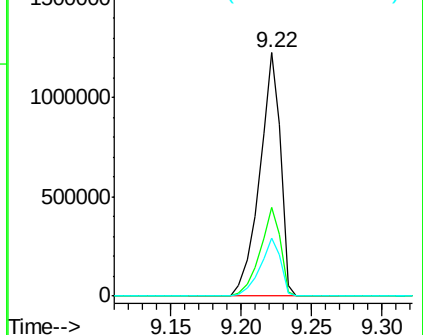


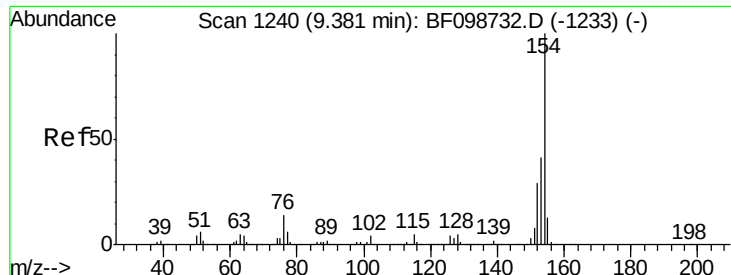
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





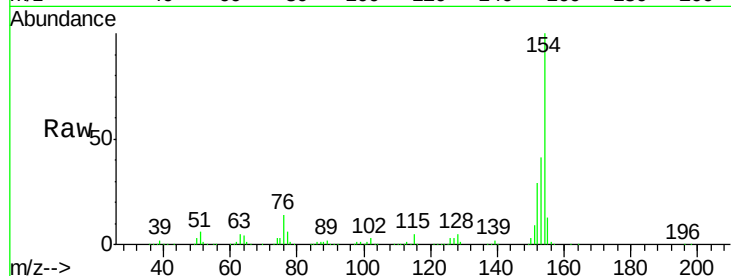
#45
1,1'-Biphenyl
Concen: 38.11 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

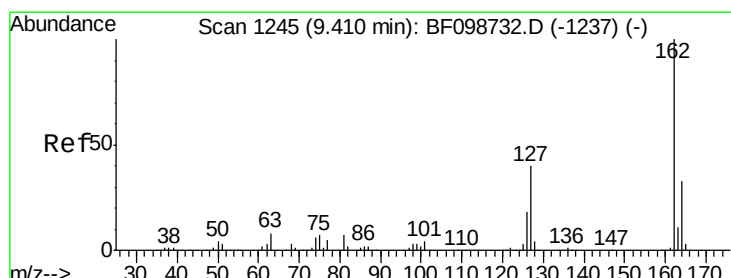
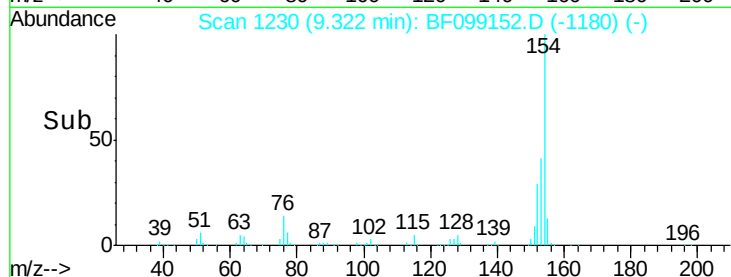
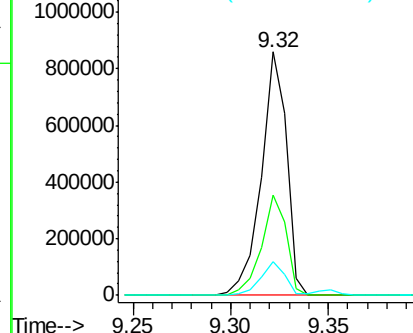
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.3	61.3	
76	13.9	0.0	34.0	

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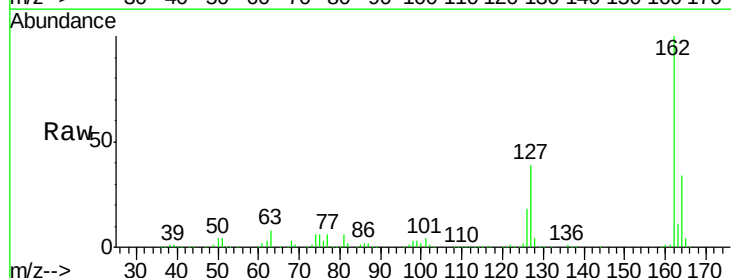


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

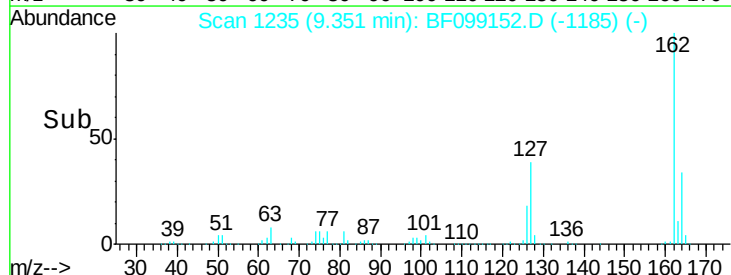
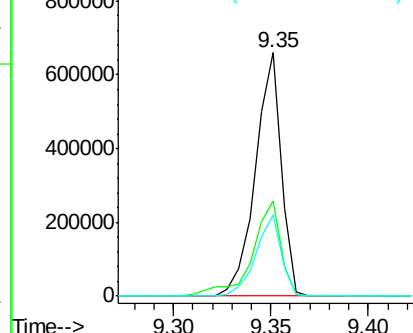


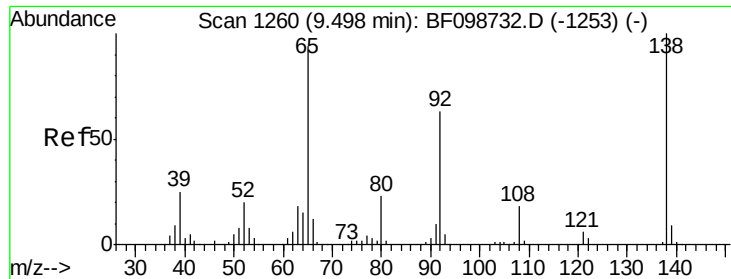
#46
2-Chloronaphthalene
Concen: 39.85 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.0	33.9	50.9	
164	33.5	26.5	39.7	



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





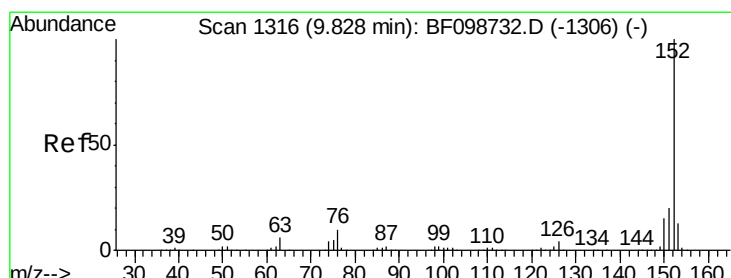
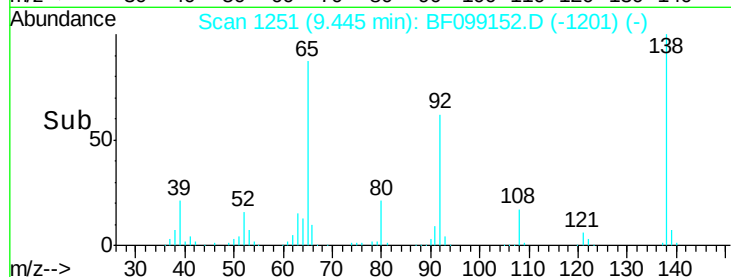
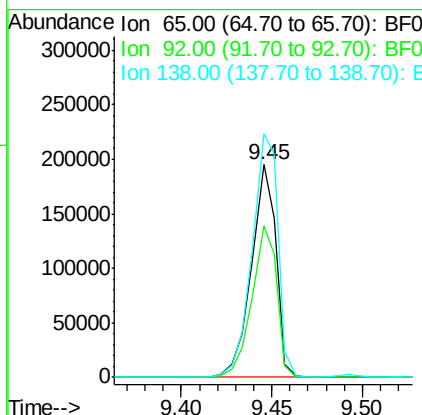
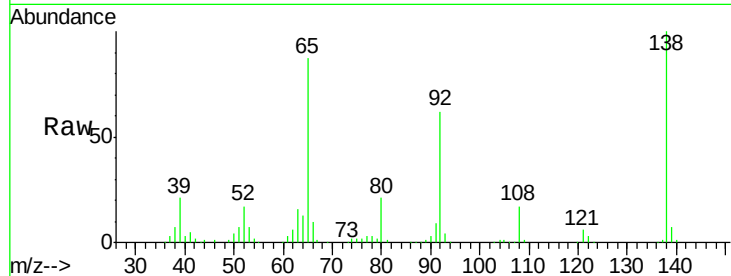
#47
2-Nitroaniline
Concen: 39.50 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	183687		
92	71.1	55.8	83.6	
138	114.6	91.2	136.8	

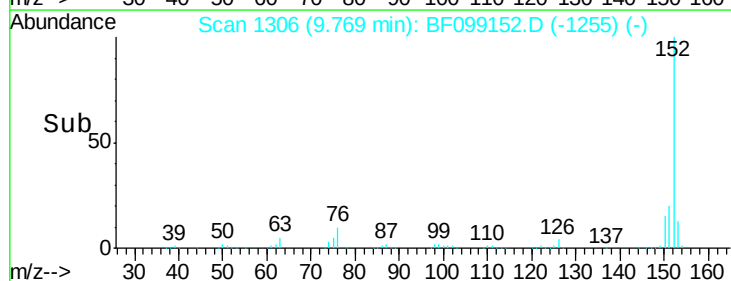
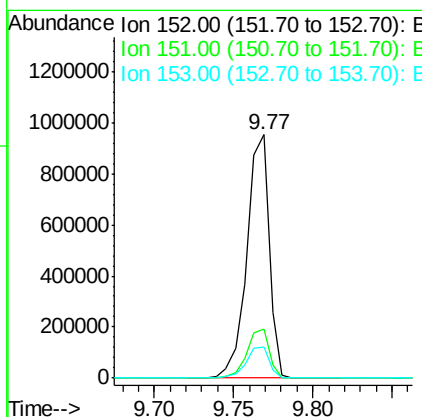
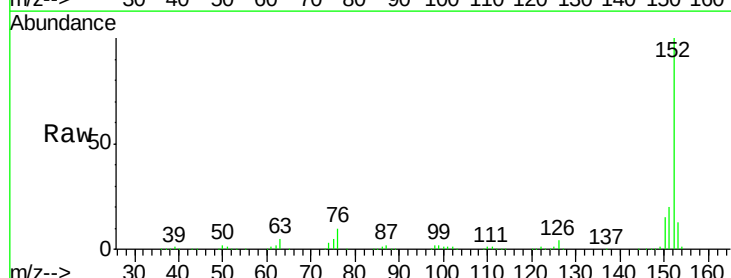
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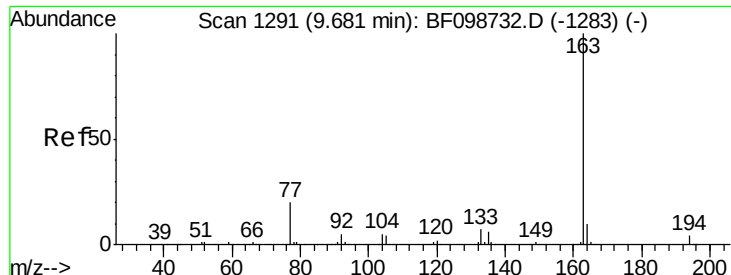
Sohil
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#48
Acenaphthylene
Concen: 39.85 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	926487		
151	20.3	16.3	24.5	
153	13.0	10.7	16.1	





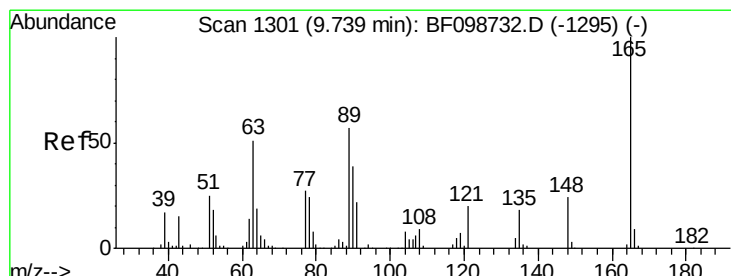
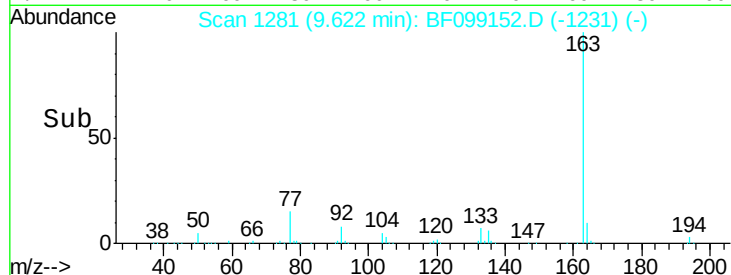
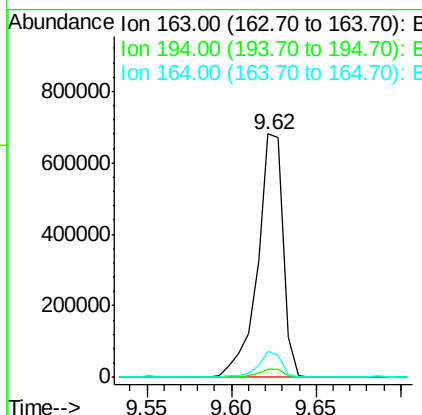
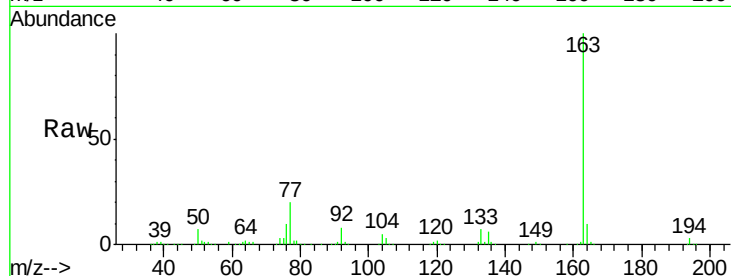
#49
Dimethylphthalate
Concen: 40.04 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	711315		
194	3.2		2.7	4.1
164	10.4		8.2	12.2

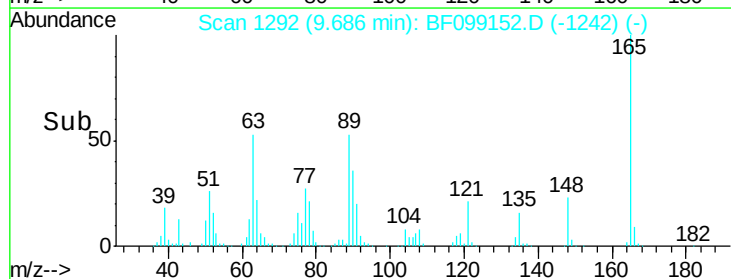
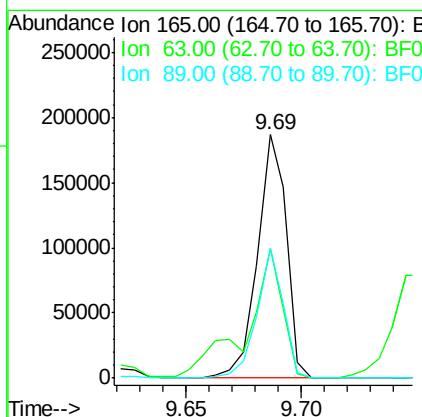
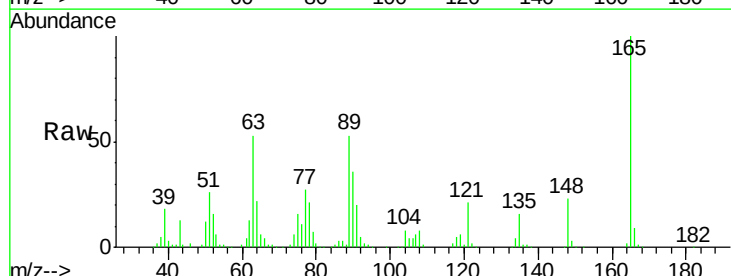
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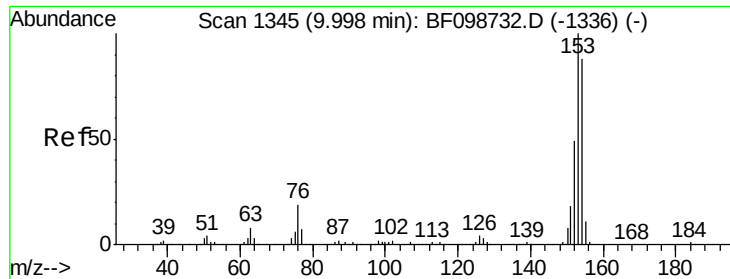
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#50
2,6-Dinitrotoluene
Concen: 41.96 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162275		
63	53.2		44.7	67.1
89	53.3		44.0	66.0





#51

Acenaphthene

Concen: 37.18 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

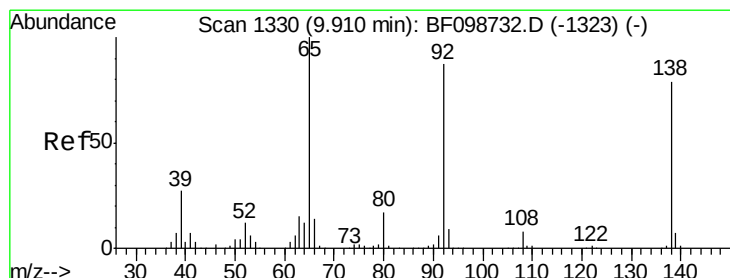
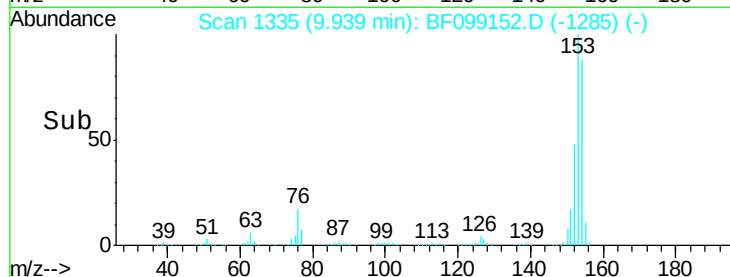
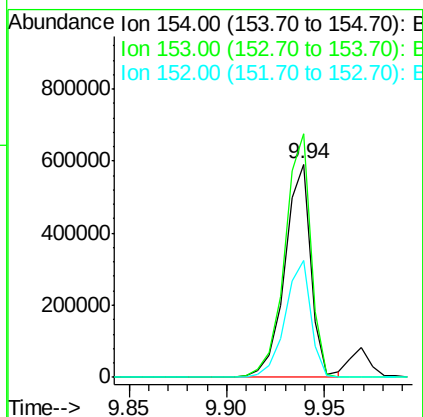
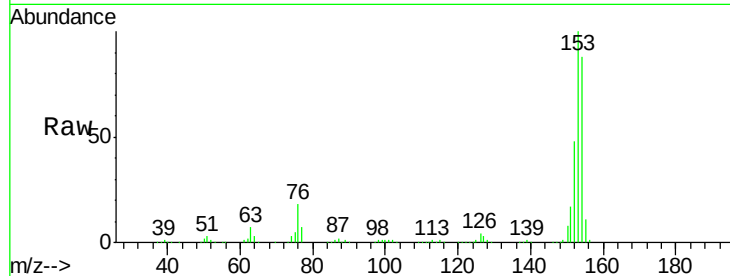
ClientSampleId :

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Tgt Ion:	154	Resp:	547513
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 26.56 ng

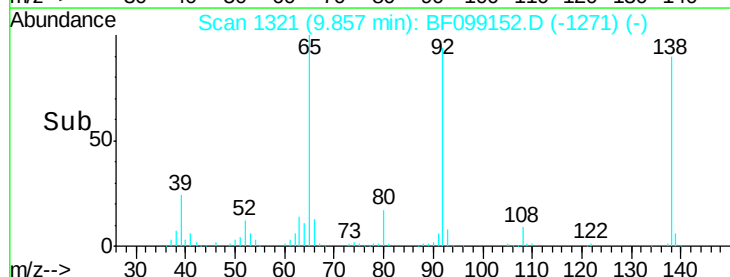
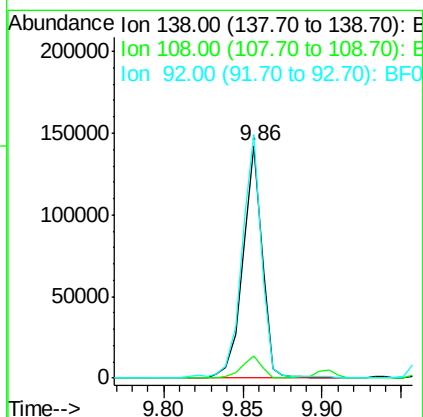
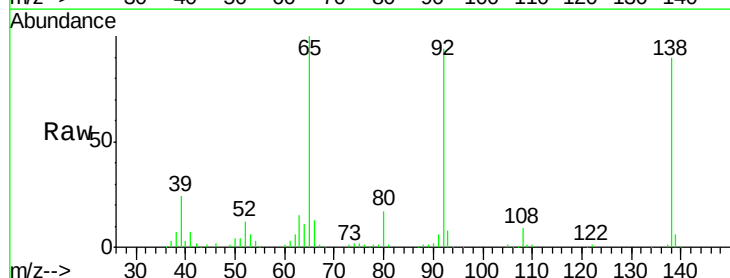
RT: 9.86 min Scan# 1321

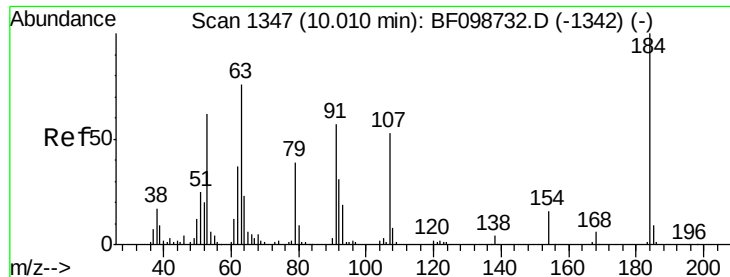
Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	138	Resp:	119752
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	104.6	89.4	134.2





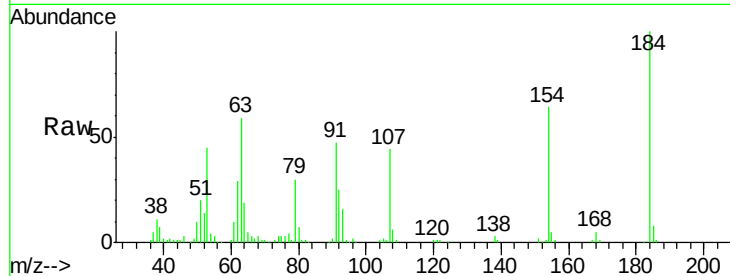
#53
2,4-Dinitrophenol
Concen: 54.64 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

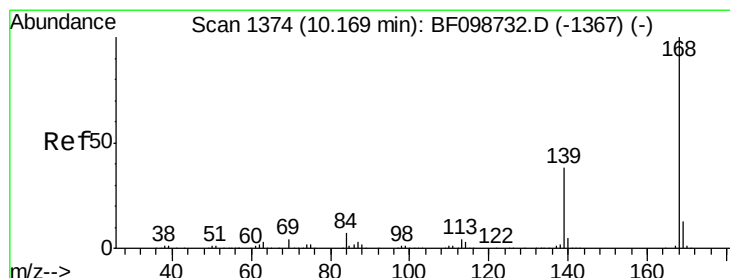
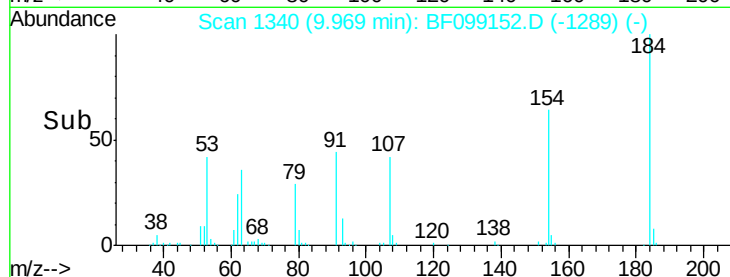
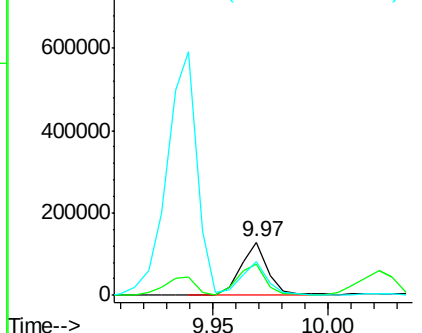
Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	59.3	54.2	81.2
154	63.8	53.5	80.3

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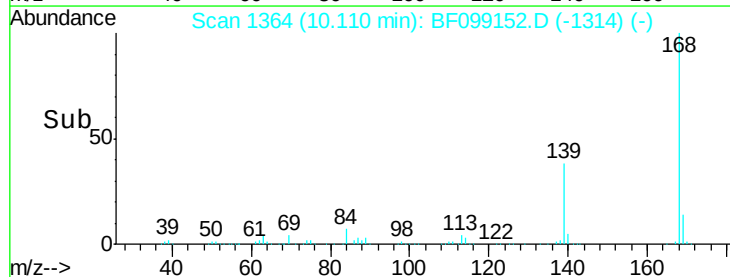
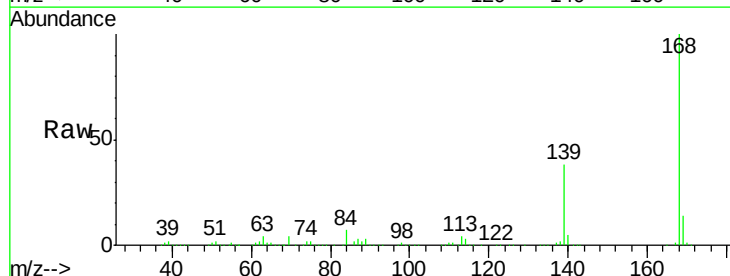
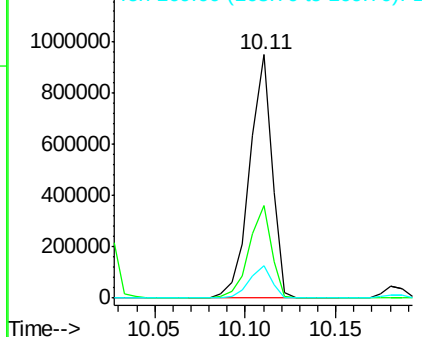
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

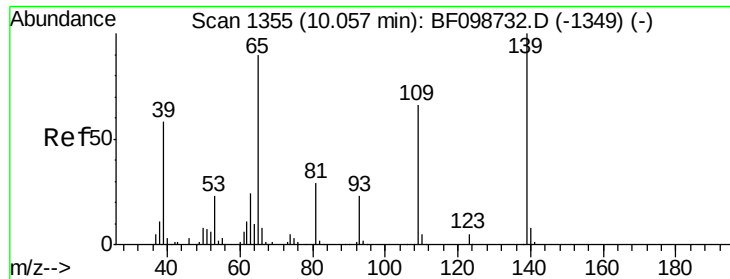


#54
Dibenzofuran
Concen: 41.80 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	37.8	30.1	45.1
169	13.5	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





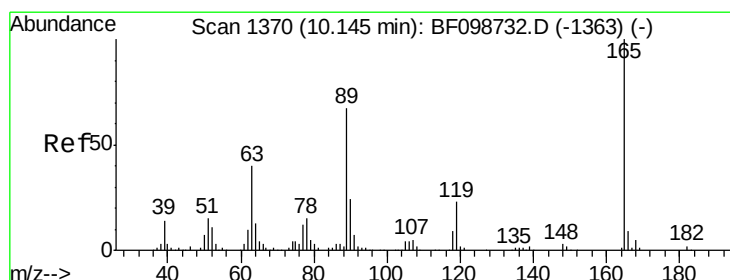
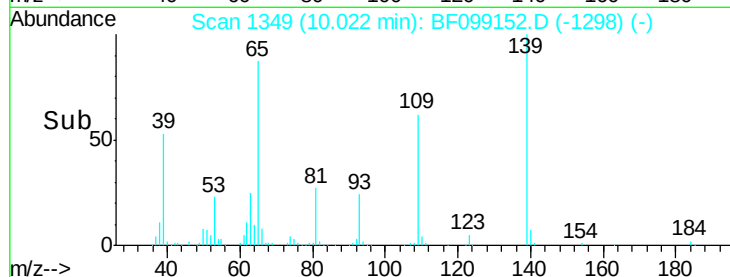
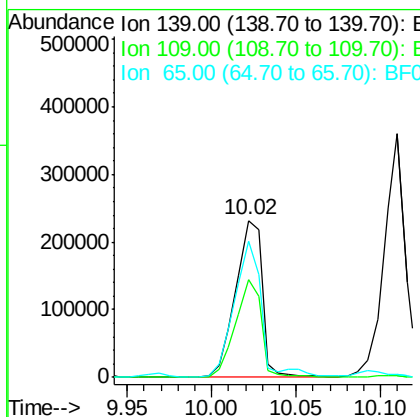
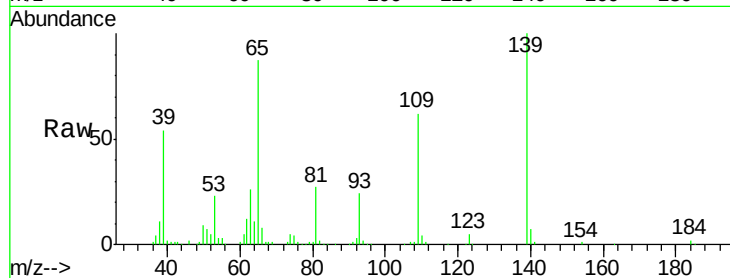
#55
4-Nitrophenol
Concen: 67.58 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampled :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	257669		
109	62.2	48.4	88.4	
65	86.7	72.6	112.6	

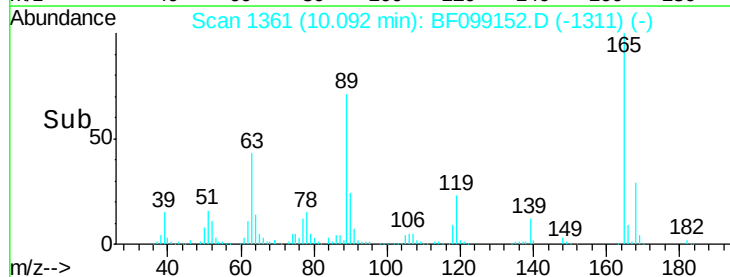
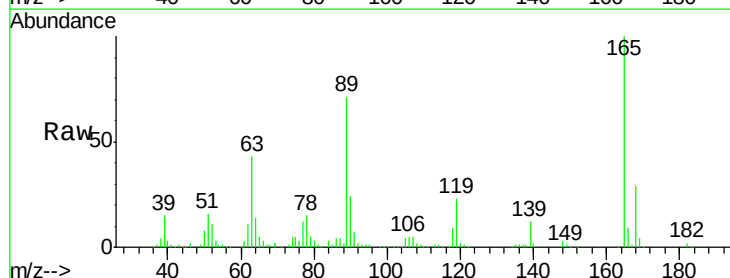
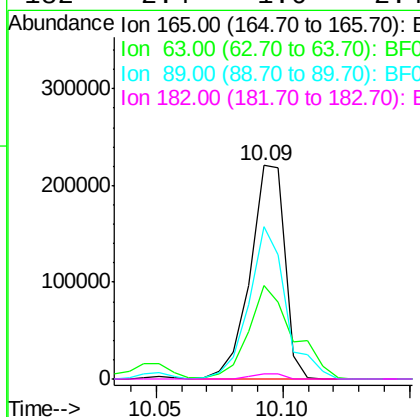
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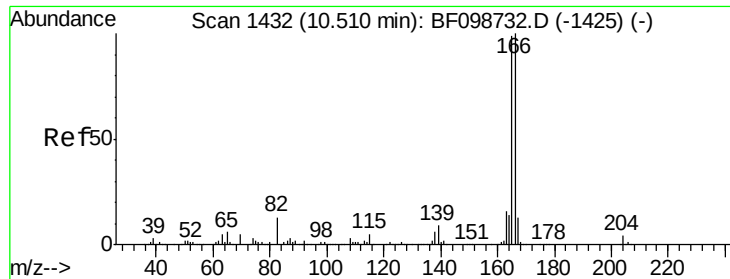
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#56
2,4-Dinitrotoluene
Concen: 42.14 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211497		
63	43.5	36.4	54.6	
89	71.1	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 40.59 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

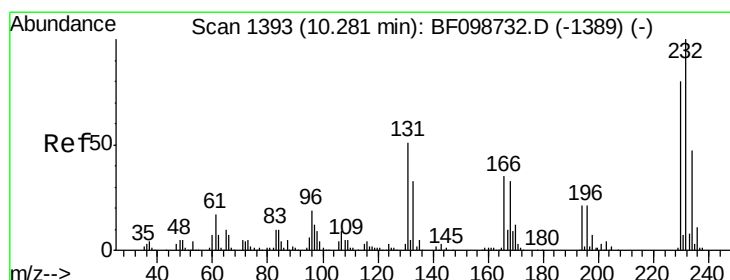
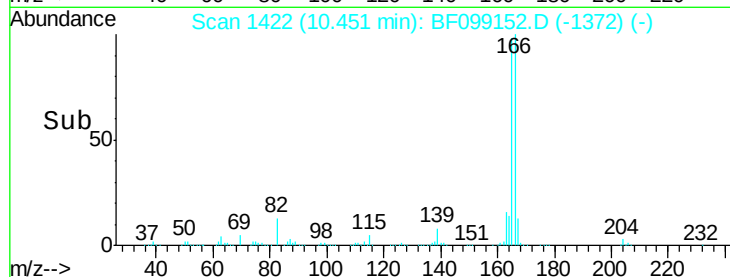
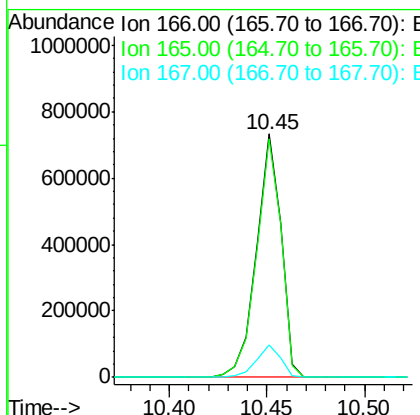
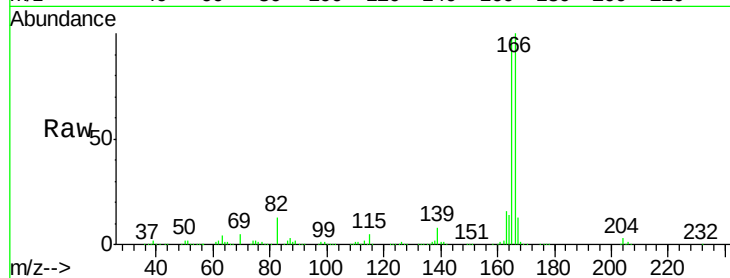
ClientSampleId :

PB102940BS

Tgt Ion:	166	Resp:	639716
Ion Ratio		Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.60 ng

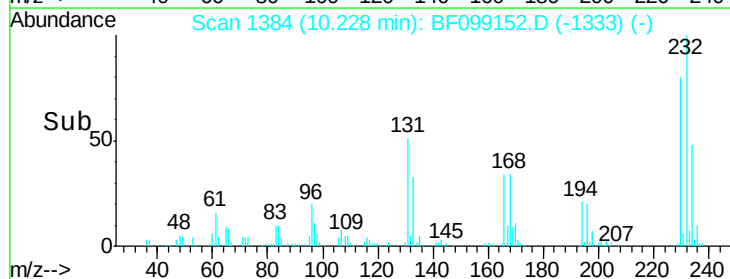
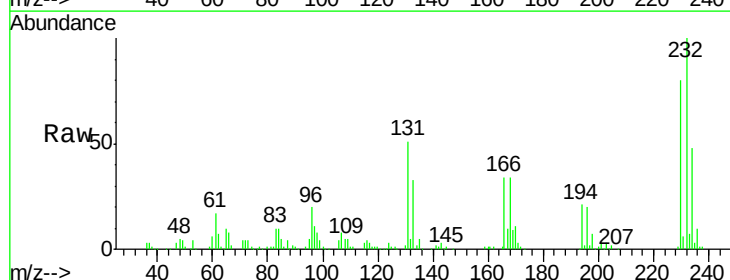
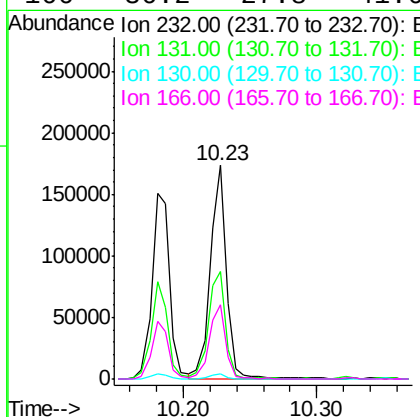
RT: 10.23 min Scan# 1384

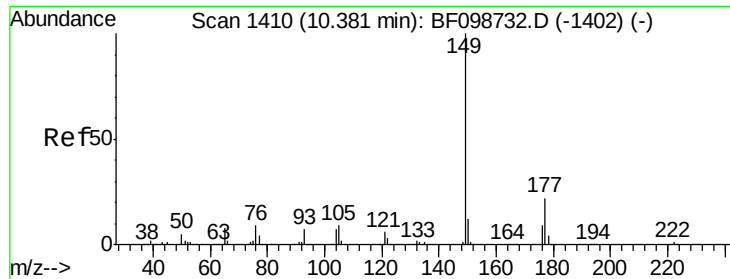
Delta R.T. 0.00 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	232	Resp:	146084
Ion Ratio		Lower	Upper
232	100		
131	53.4	43.8	65.8
130	2.4	2.1	3.1
166	36.2	27.8	41.6





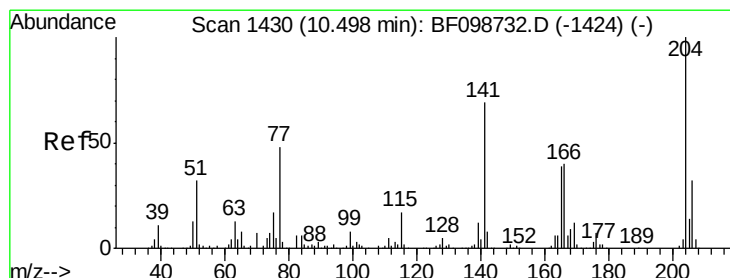
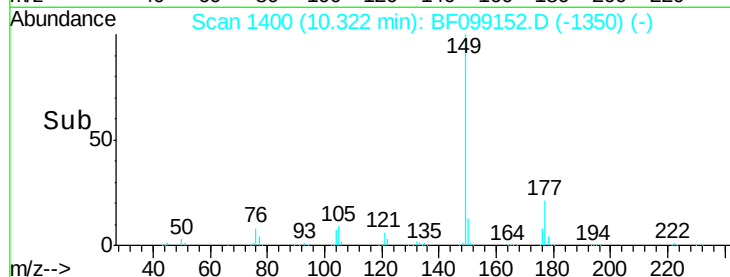
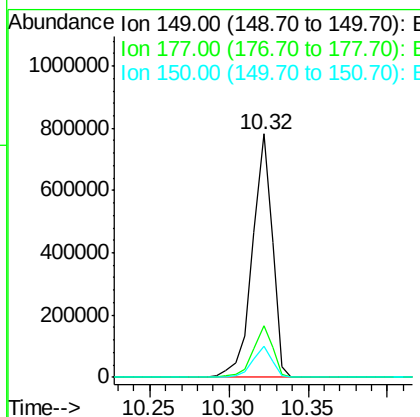
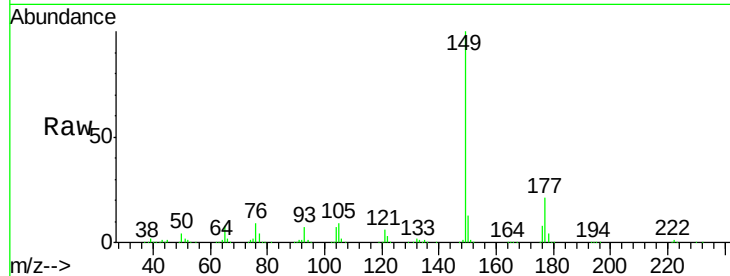
#59
Diethylphthalate
Concen: 39.17 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampled :
PB102940BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.5	10.1	15.1

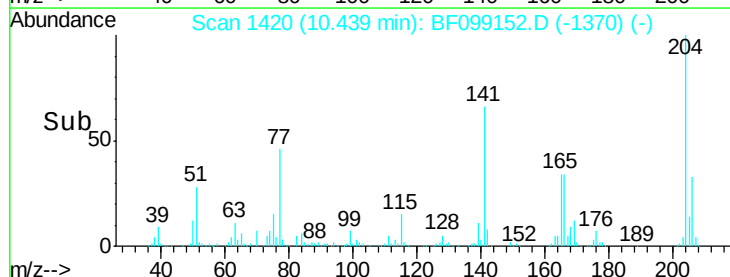
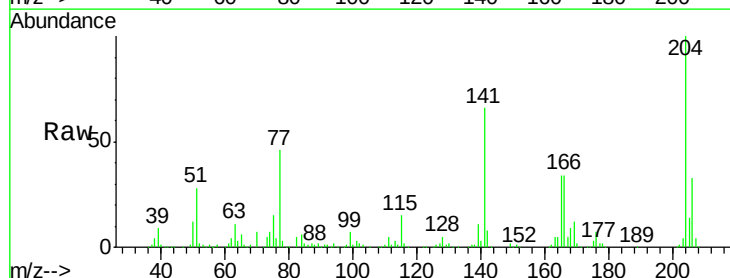
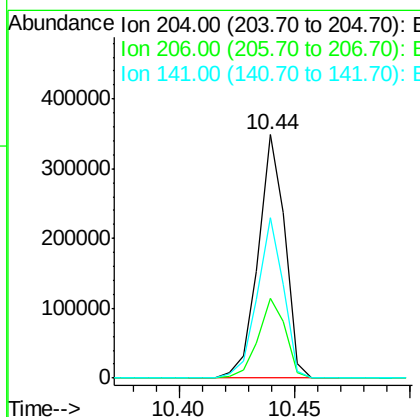
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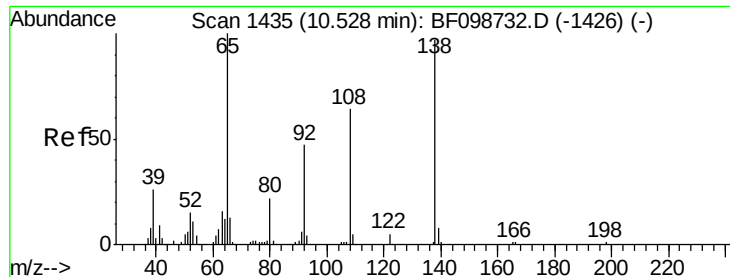
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.92 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.0	54.6	81.8





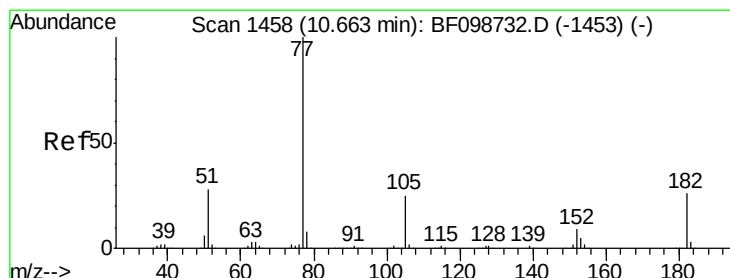
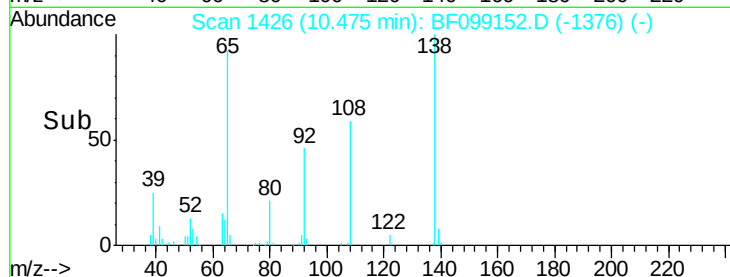
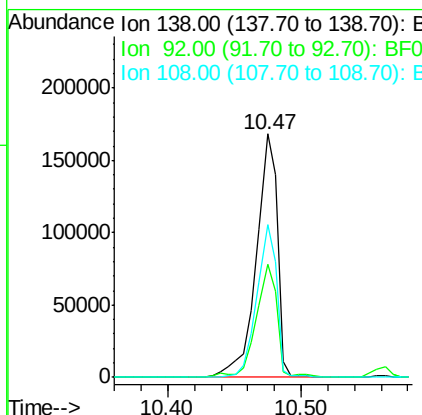
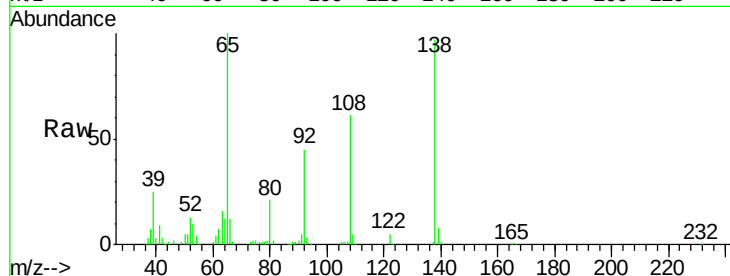
#61
4-Nitroaniline
Concen: 41.50 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	180544		
92	46.6	30.2	70.2	
108	62.7	52.5	92.5	

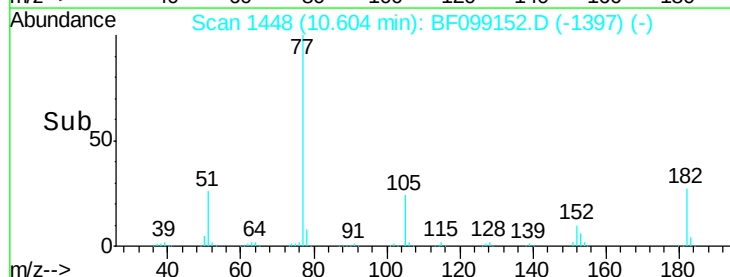
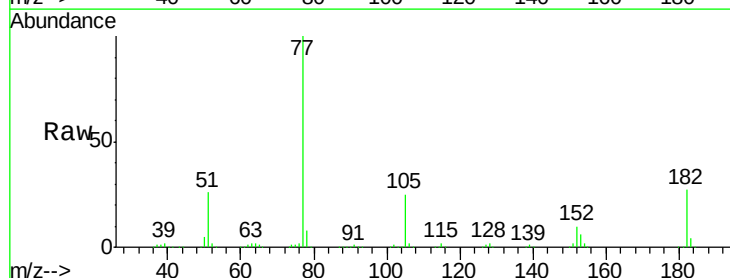
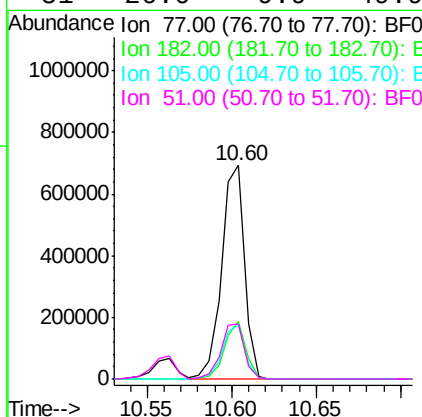
Manual Integrations
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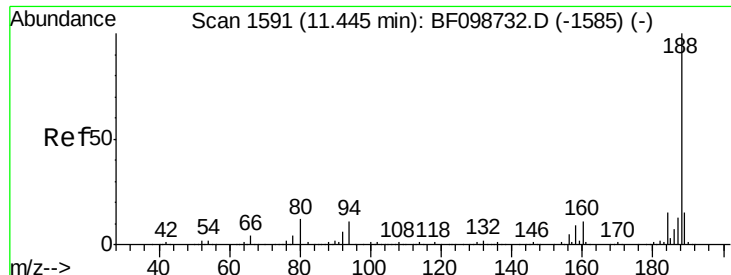
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#62
Azobenzene
Concen: 40.84 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	651811		
182	26.7	1.7	41.7	
105	25.0	3.0	43.0	
51	26.0	9.9	49.9	





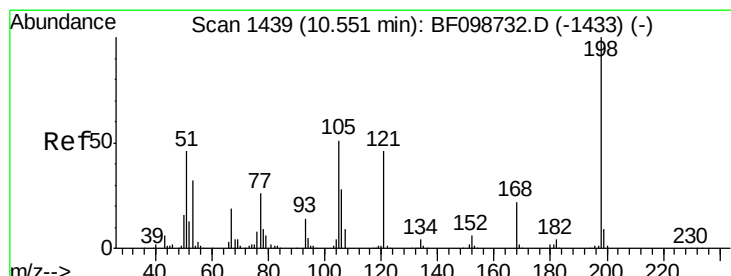
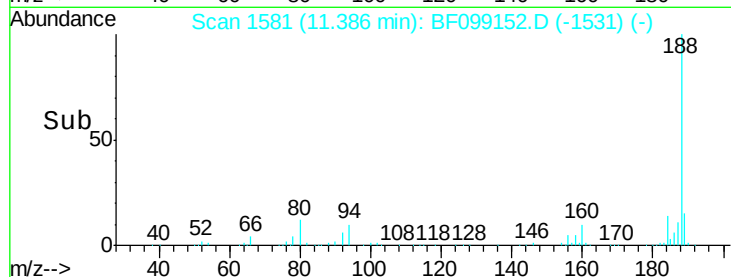
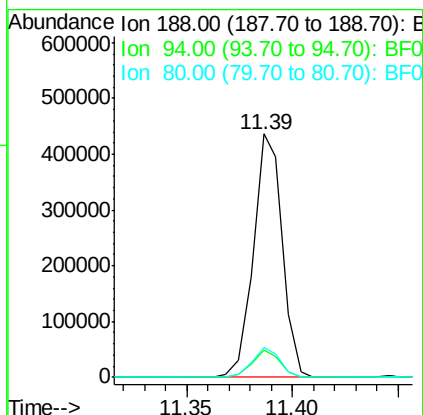
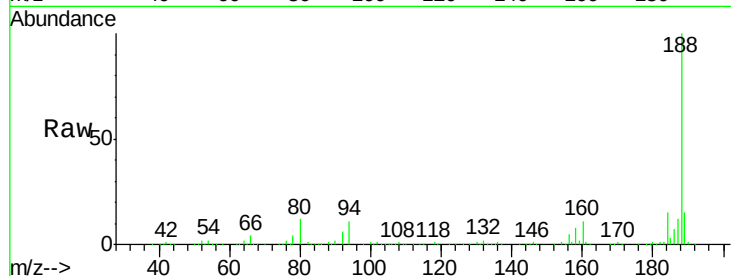
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	415050		
94	11.2	8.5	12.7	
80	12.3	9.2	13.8	

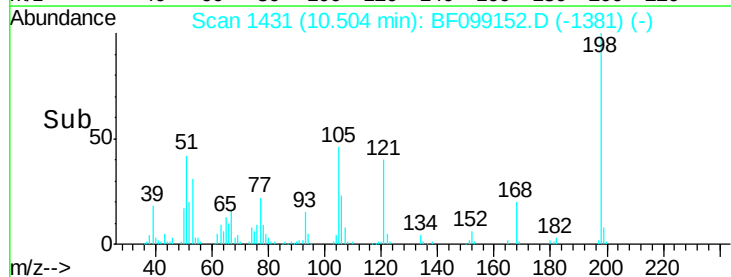
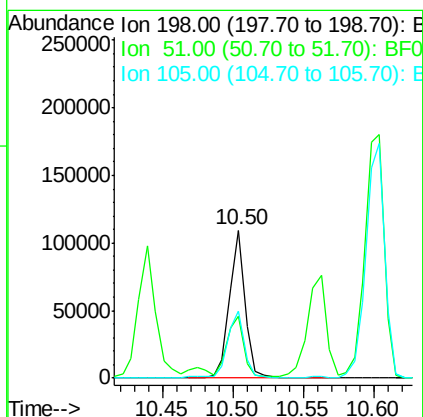
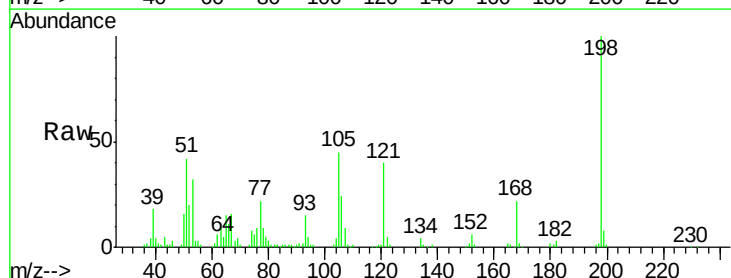
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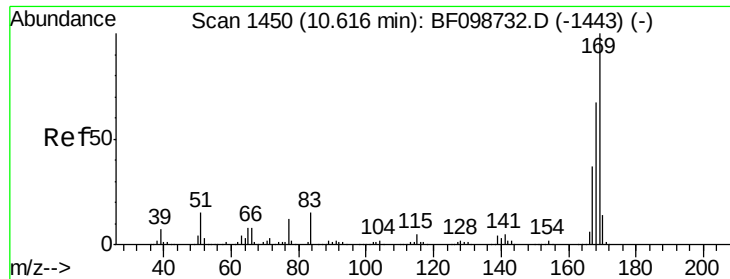
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.67 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85019		
51	41.6	37.7	77.7	
105	45.5	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 40.11 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

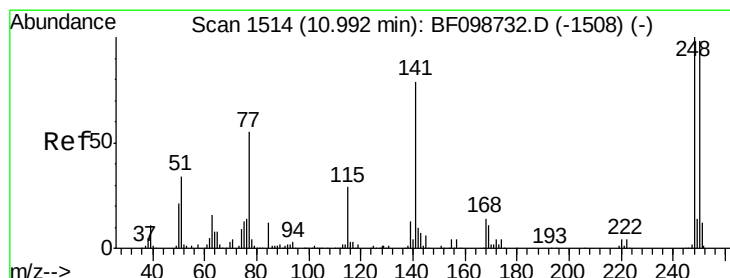
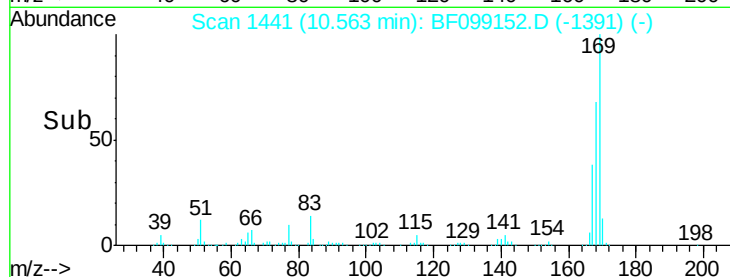
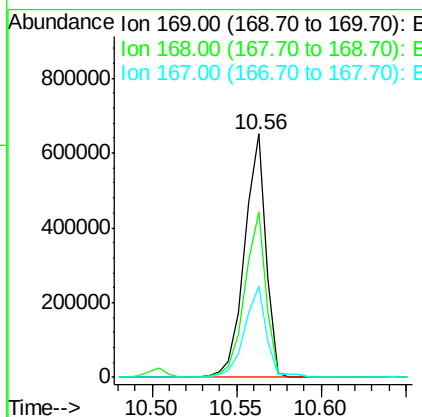
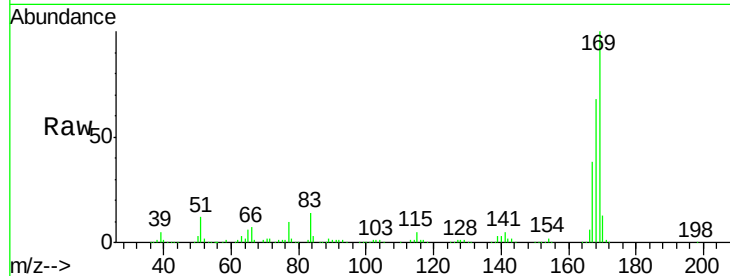
ClientSampleId :

PB102940BS

Tgt Ion:	169	Resp:	576682
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	37.6	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

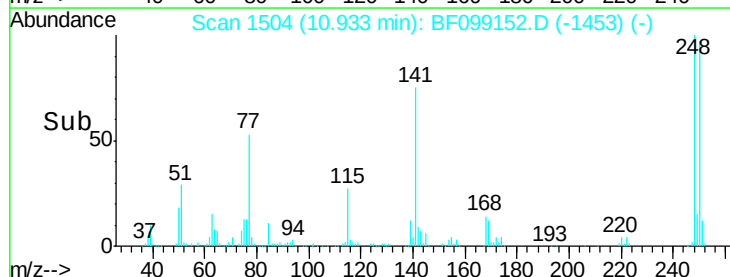
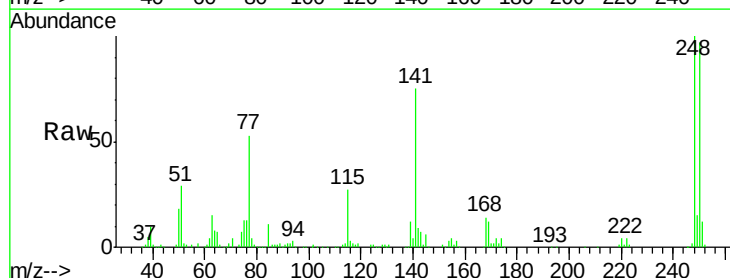
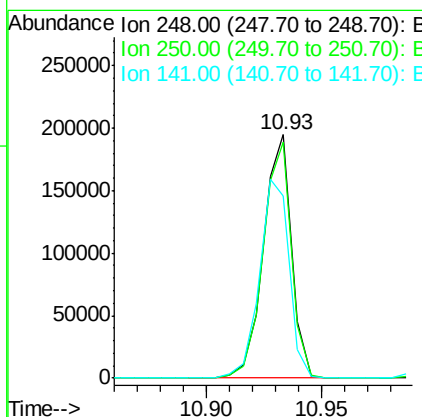
RT: 10.93 min Scan# 1504

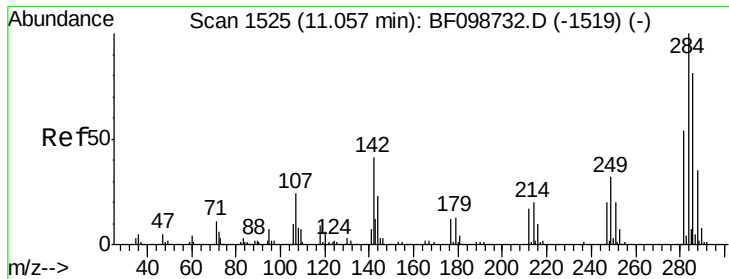
Delta R.T. 0.00 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	248	Resp:	164734
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	75.0	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.75 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

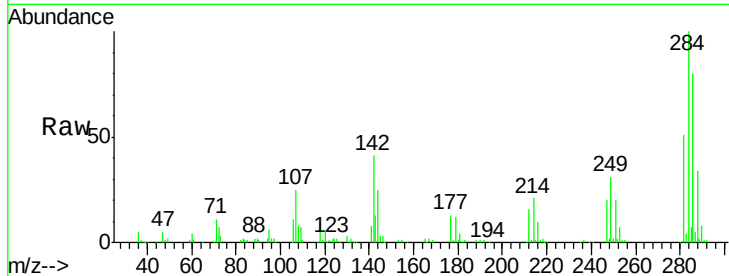
ClientSampled :

PB102940BS

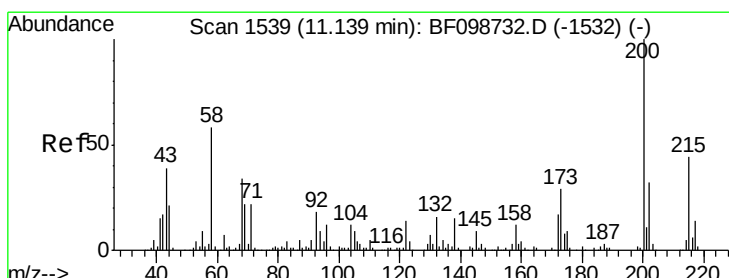
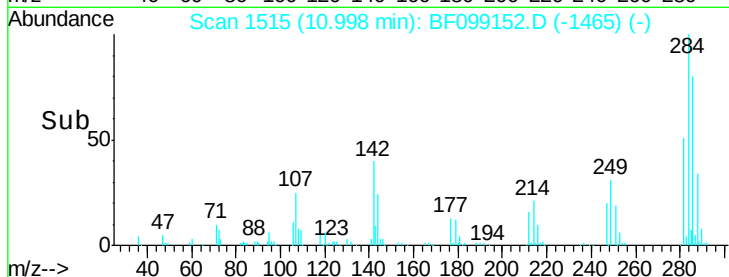
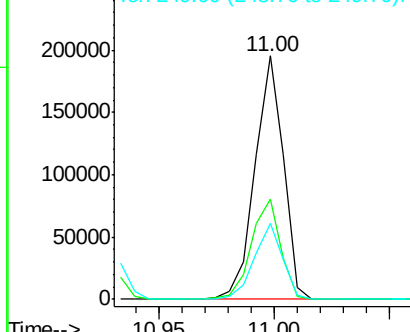
Tgt Ion:	284	Resp:	168118
Ion Ratio	Lower	Upper	
284	100		
142	41.2	34.6	52.0
249	31.4	24.8	37.2

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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: 42.07 ng

RT: 11.09 min Scan# 1530

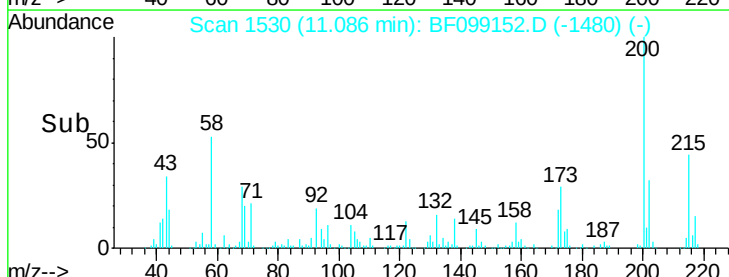
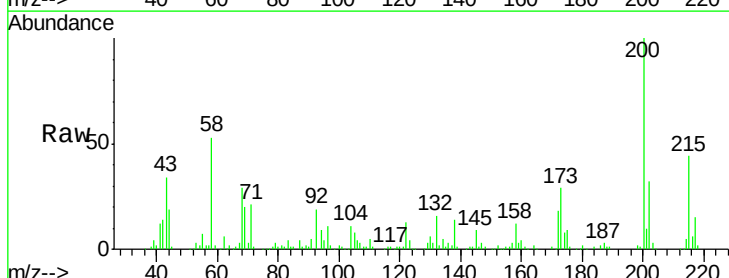
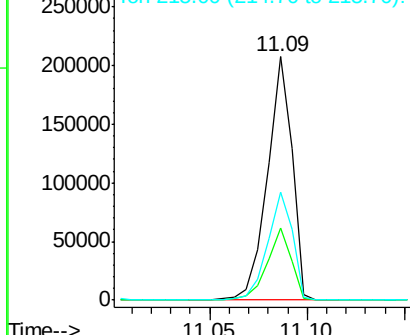
Delta R.T. -0.01 min

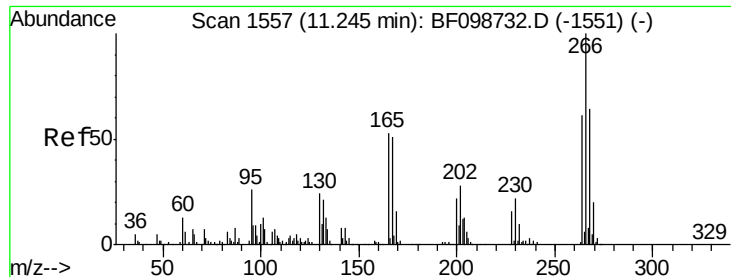
Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	200	Resp:	182009
Ion Ratio	Lower	Upper	
200	100		
173	29.4	8.6	48.6
215	44.2	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





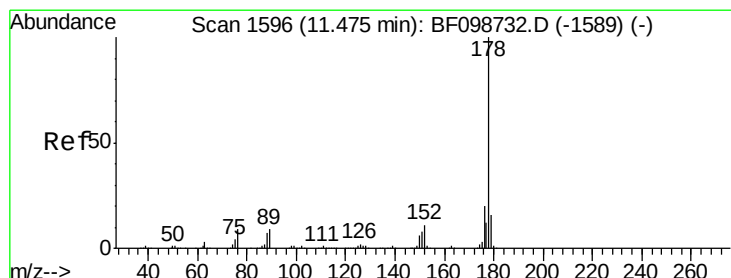
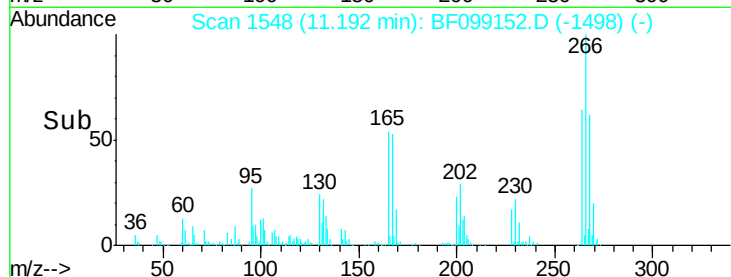
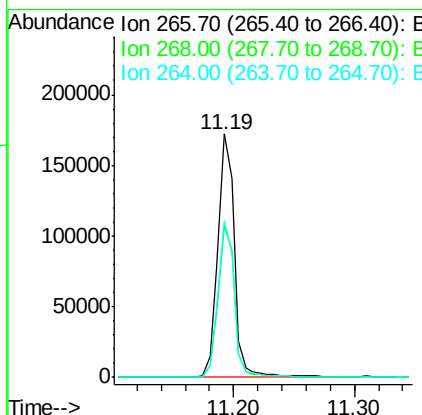
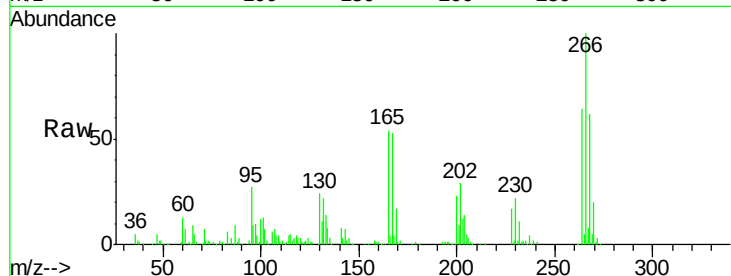
#69
 Pentachlorophenol
 Concen: 60.12 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	162345		
268	62.3	51.1	76.7	
264	64.3	49.5	74.3	

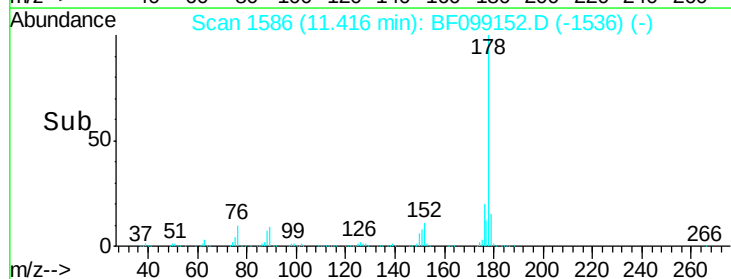
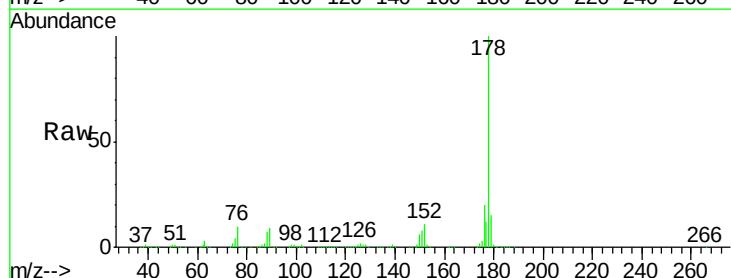
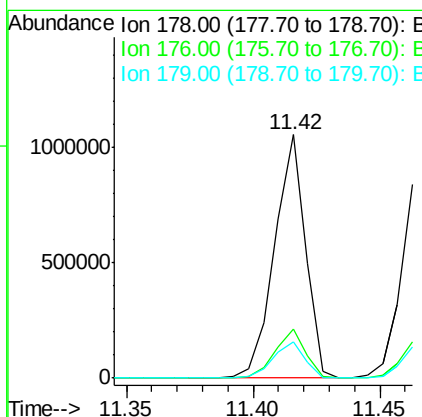
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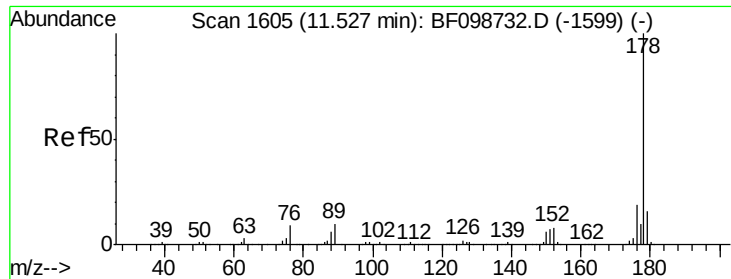
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#70
 Phenanthrene
 Concen: 40.83 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	907145		
176	20.1	15.8	23.8	
179	15.1	13.0	19.6	





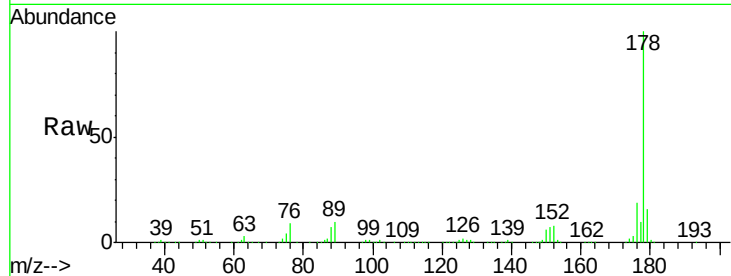
#71
 Anthracene
 Concen: 41.07 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampled :
 PB102940BS

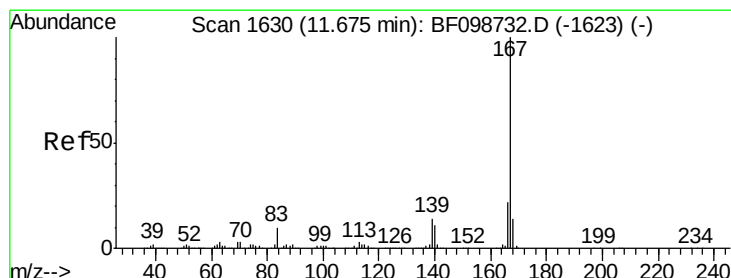
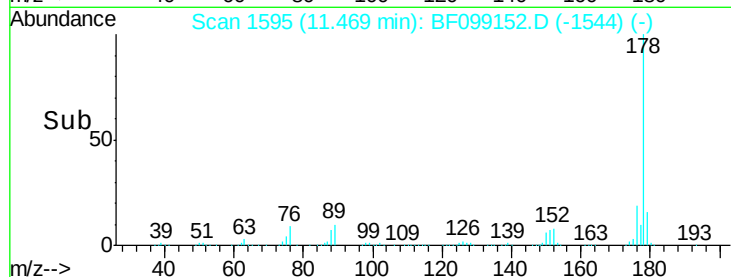
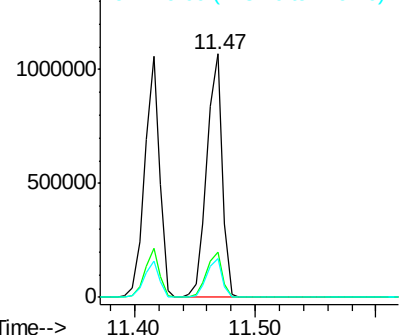
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.8	12.6	19.0

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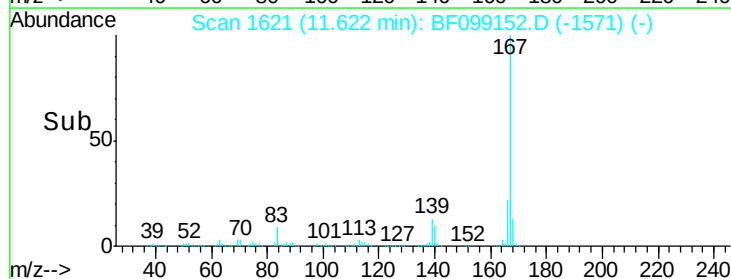
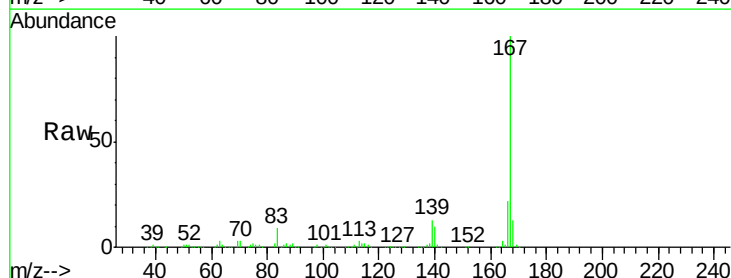
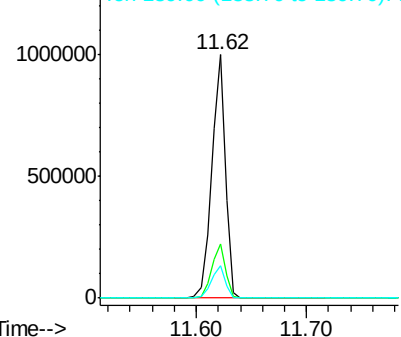
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

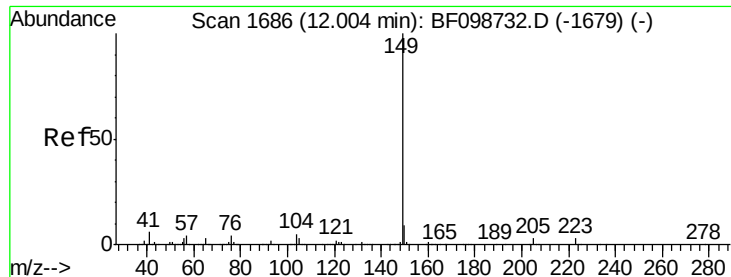


#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.1	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





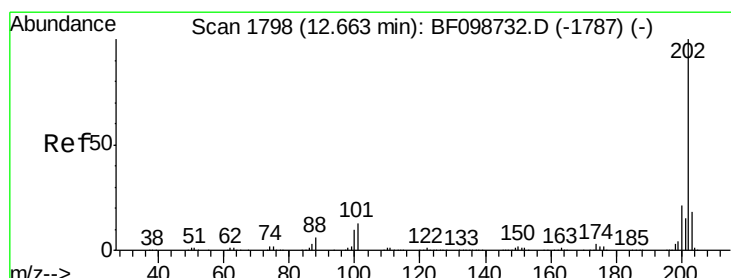
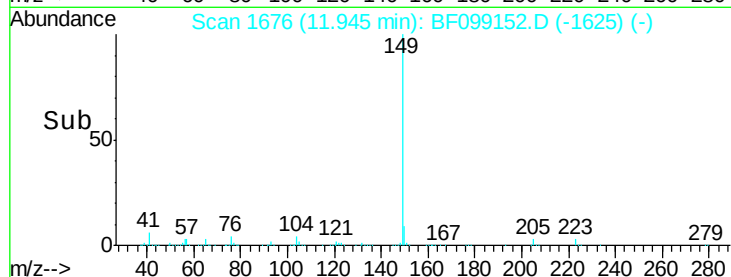
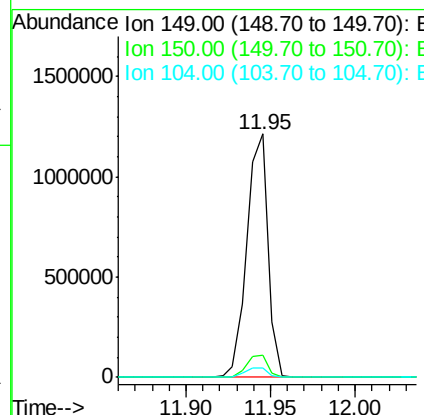
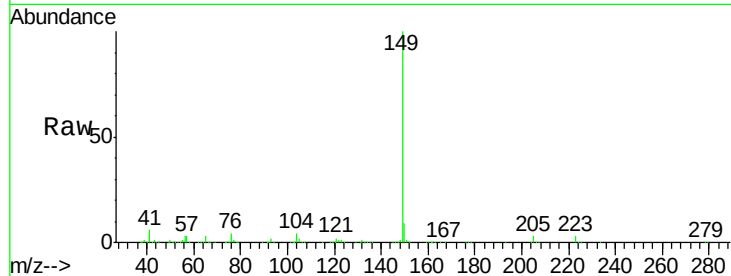
#73
Di-n-butylphthalate
Concen: 39.50 ng
RT: 11.95 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion:149 Resp: 1058464
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.1 3.8 5.8

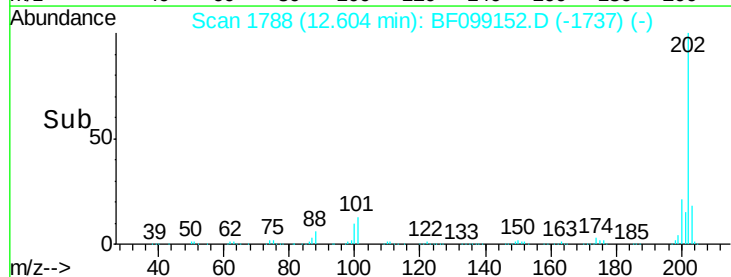
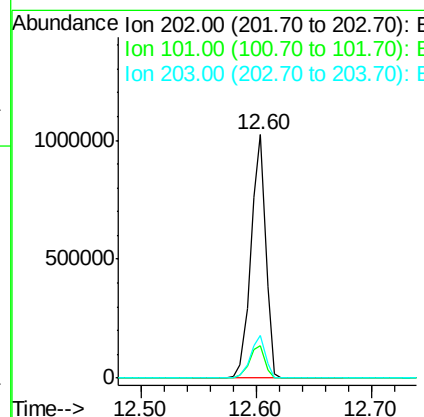
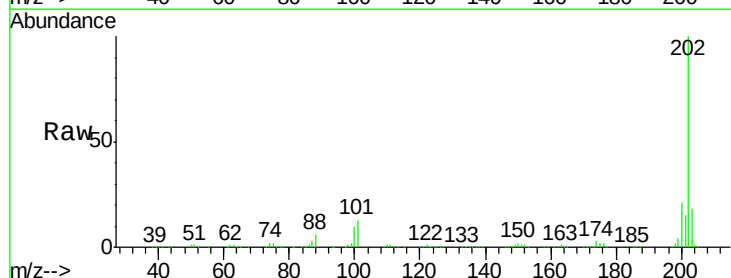
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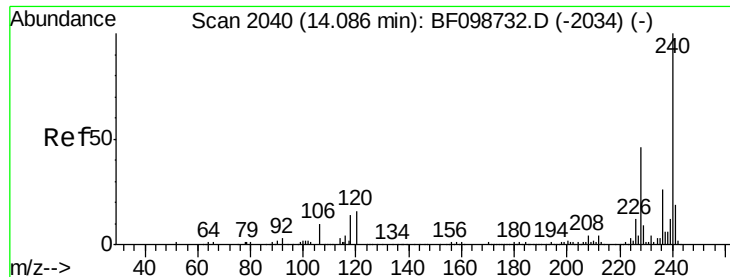
Sohil
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#74
Fluoranthene
Concen: 40.13 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion:202 Resp: 902833
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

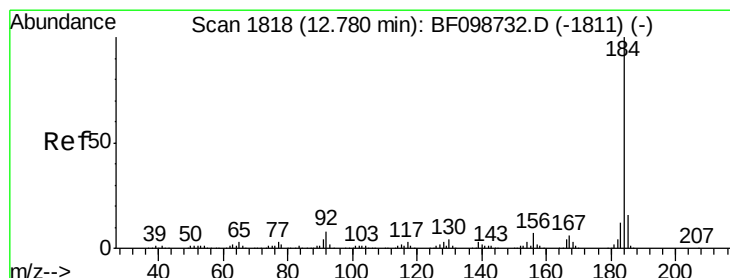
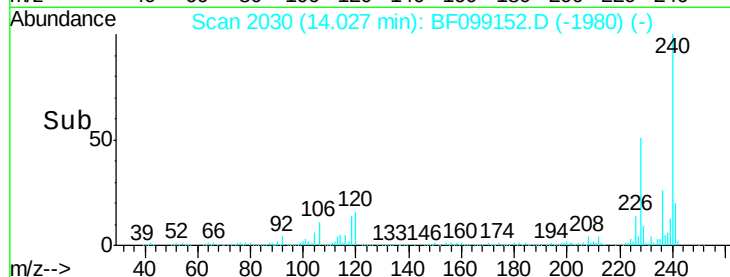
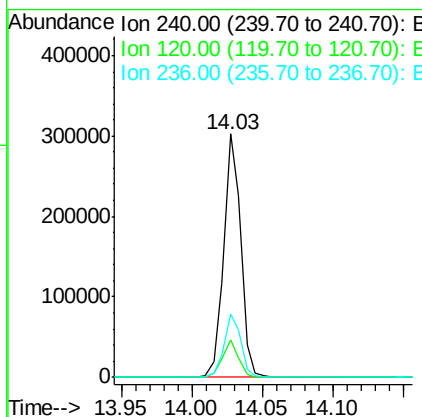
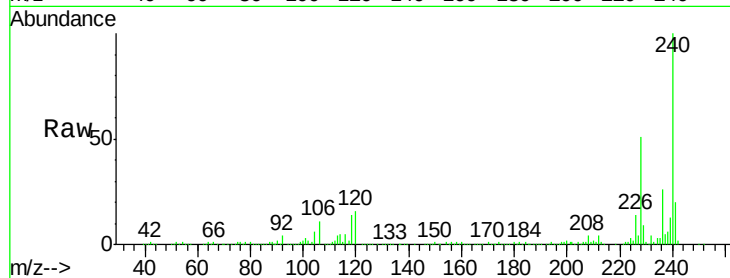
ClientSampleId :

PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	253977		
120	15.5	9.5	14.3#	
236	26.0	20.7	31.1	

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#76

Benzidine

Concen: 36.44 ng

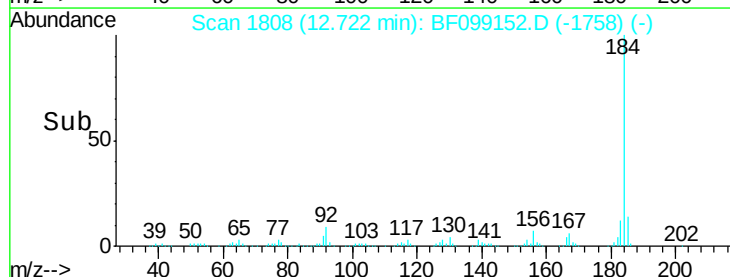
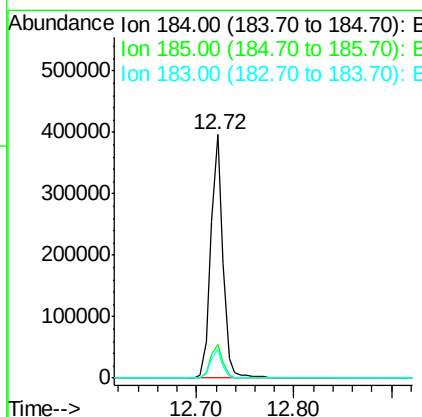
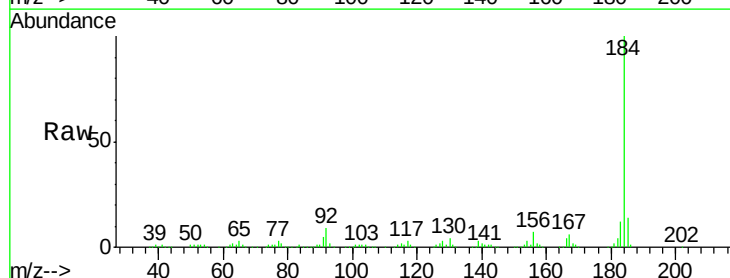
RT: 12.72 min Scan# 1808

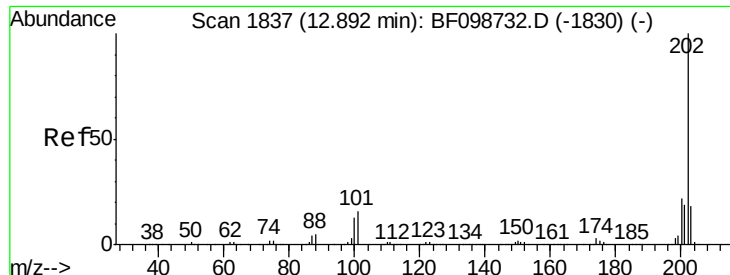
Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	342329		
185	13.9	12.6	18.8	
183	12.0	9.3	13.9	





#77

Pyrene

Concen: 47.32 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

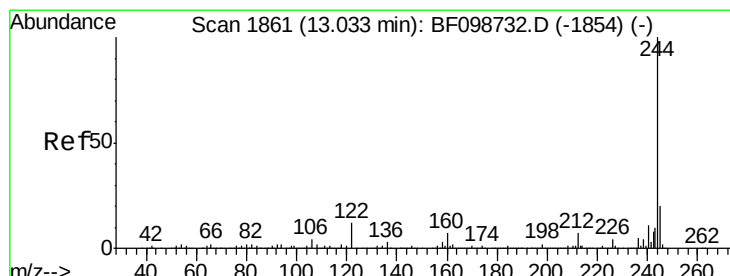
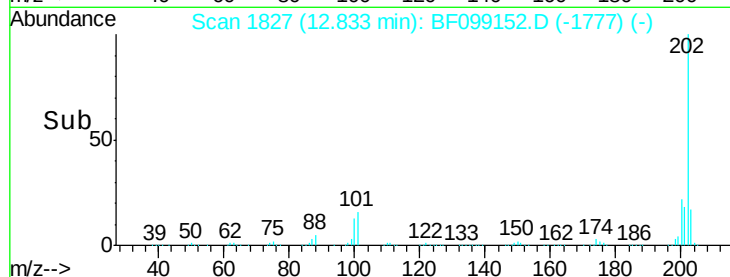
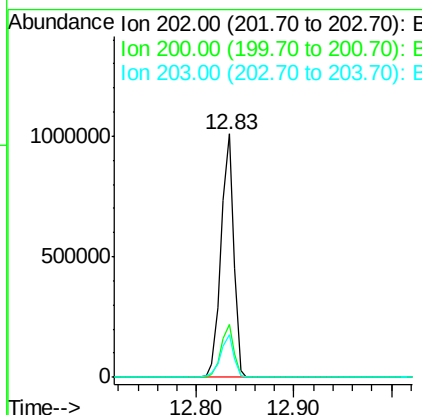
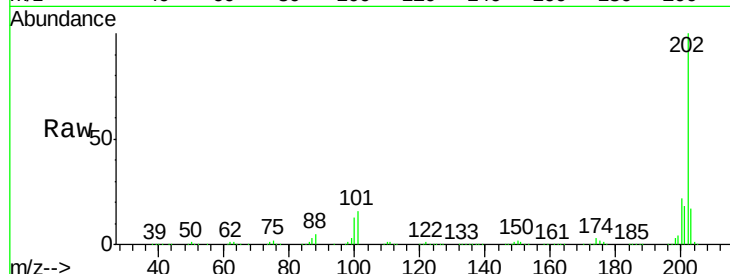
ClientSampleId :

PB102940BS

Tgt Ion:	202	Resp:	916395
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 95.04 ng

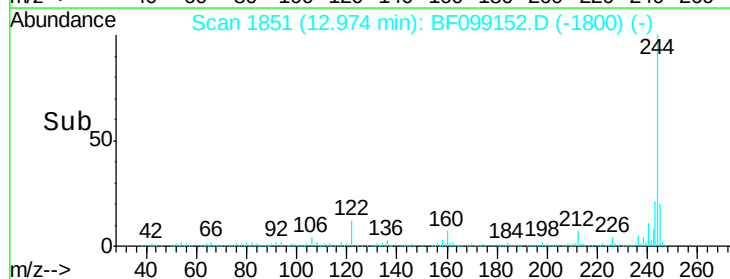
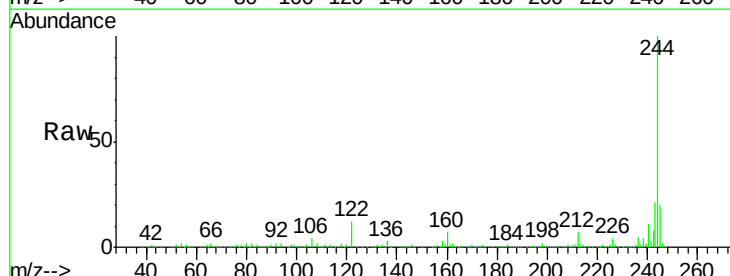
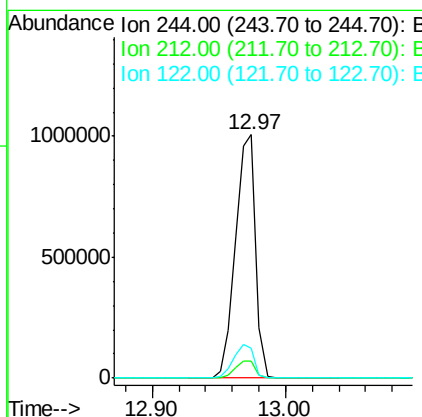
RT: 12.97 min Scan# 1851

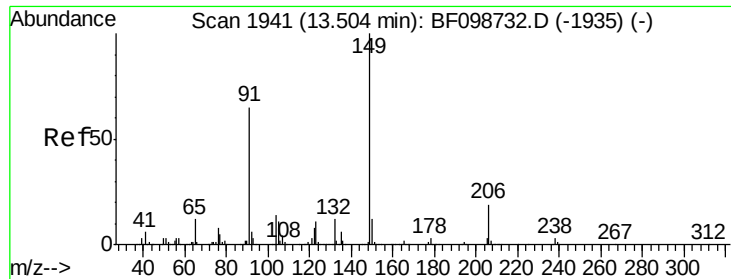
Delta R.T. 0.00 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	244	Resp:	1061414
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4





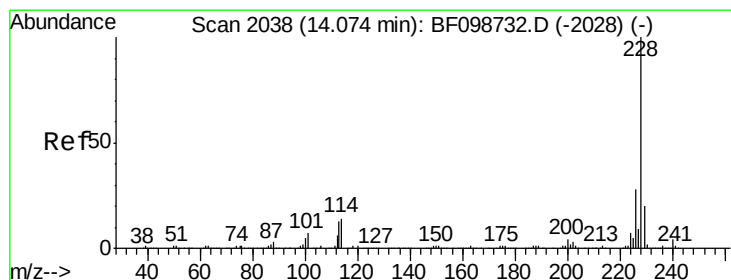
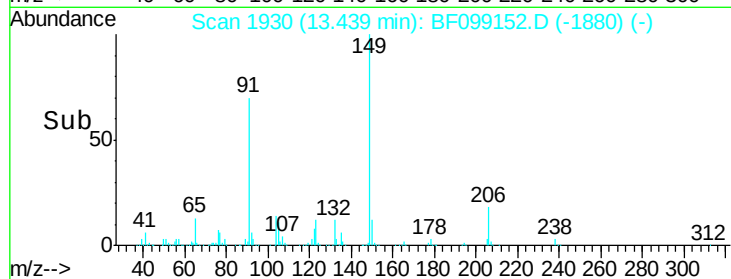
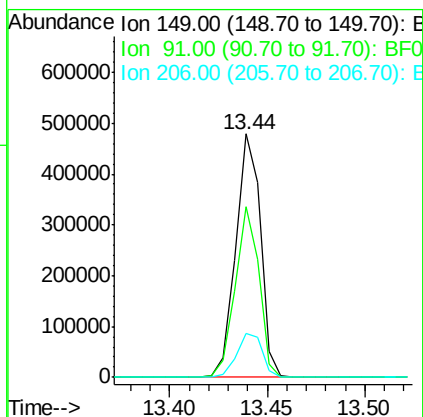
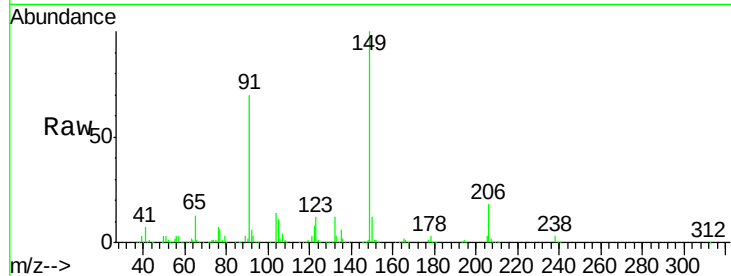
#79
Butylbenzylphthalate
Concen: 46.07 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419304		
91	70.3	56.8	85.2	
206	17.8	14.1	21.1	

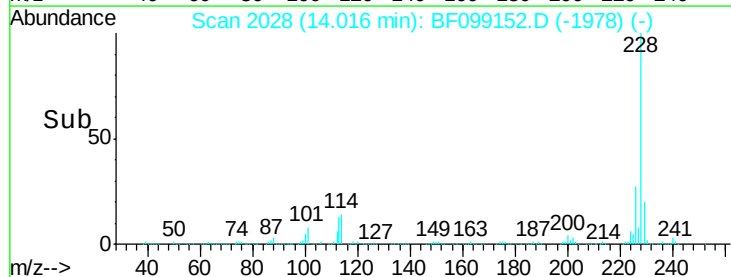
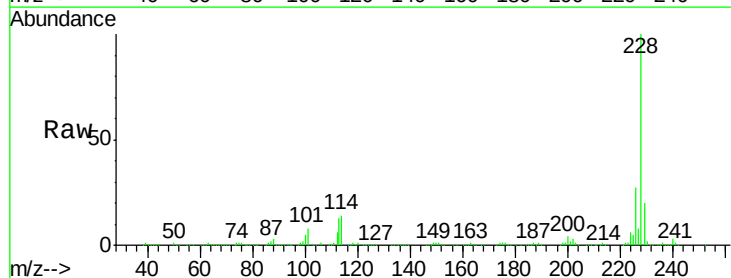
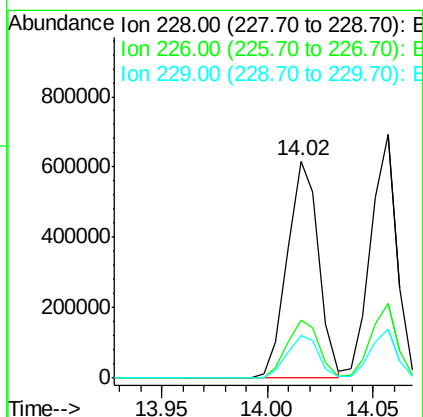
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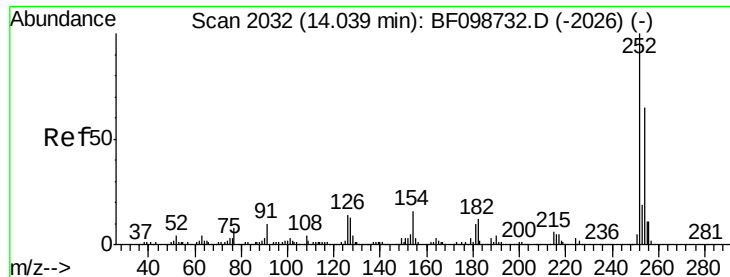
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#80
Benzo(a)anthracene
Concen: 41.47 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	637836		
226	26.8	22.6	33.8	
229	19.9	15.8	23.6	





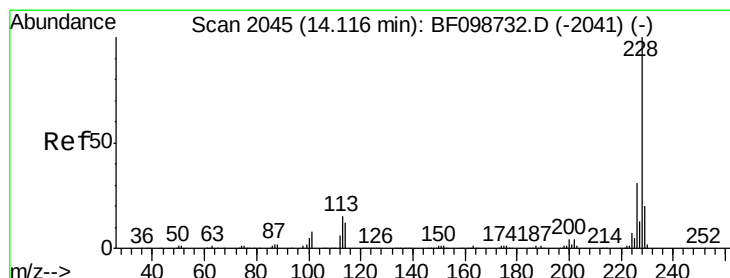
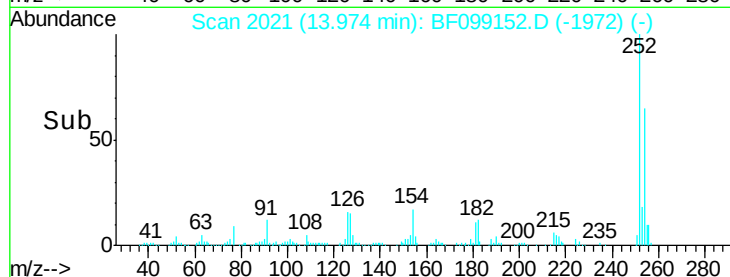
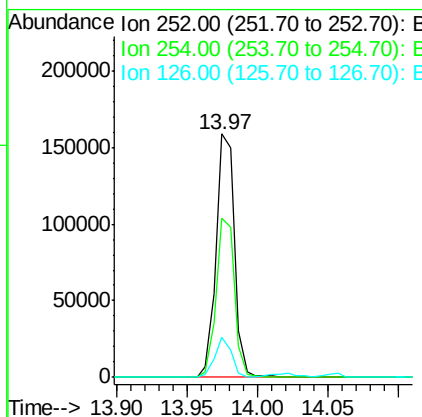
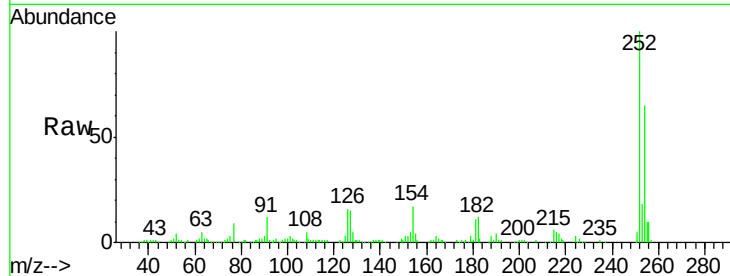
#81
 3,3'-Dichlorobenzidine
 Concen: 25.61 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	16.3	11.3	16.9

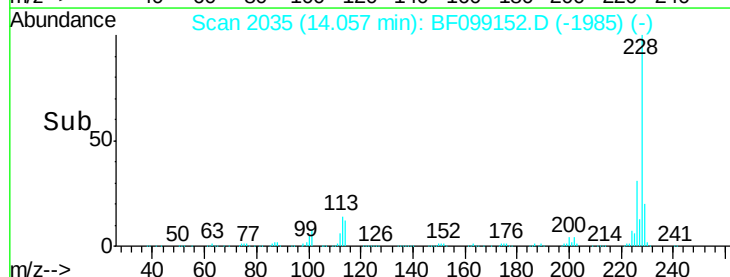
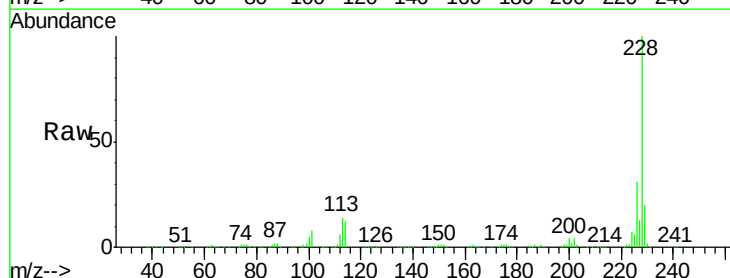
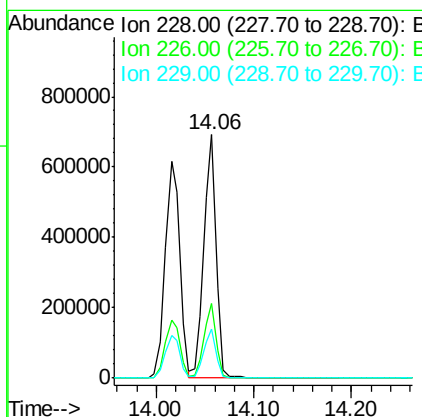
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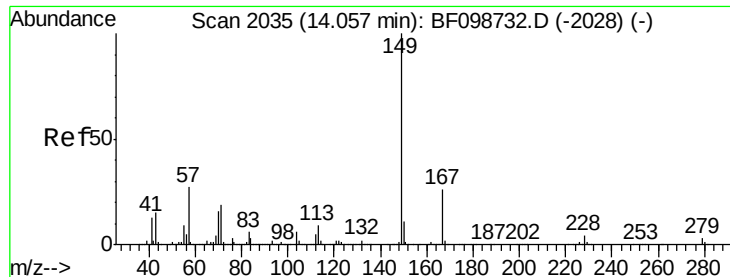
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#82
 Chrysene
 Concen: 41.20 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.2	24.4





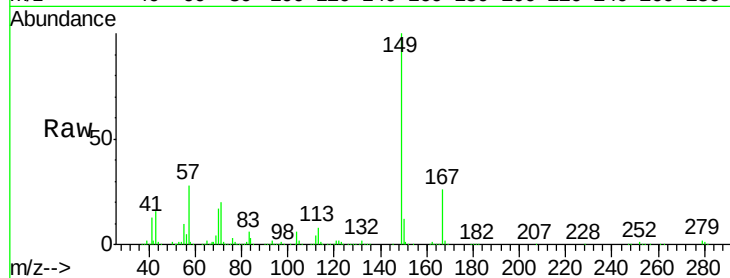
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.07 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

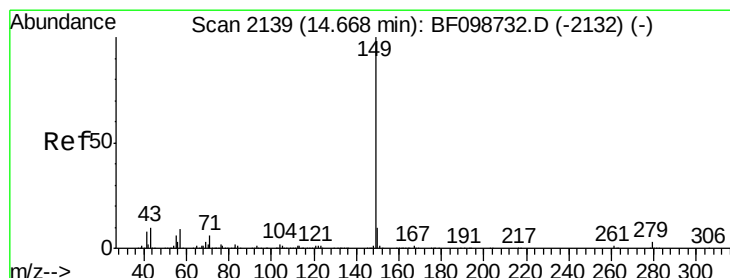
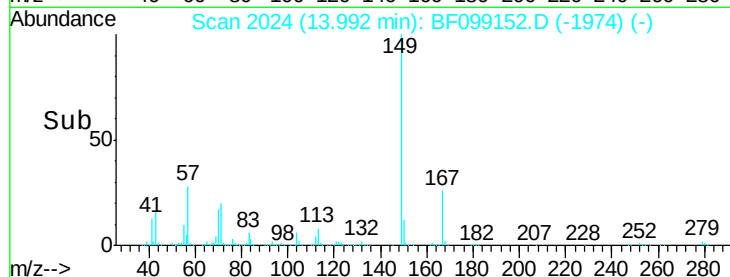
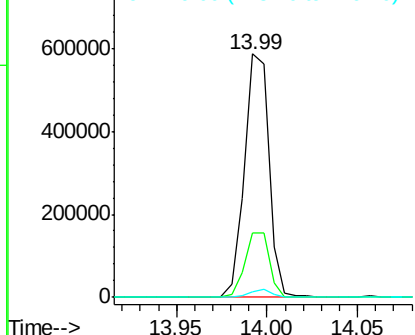
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.4	3.0	4.4#

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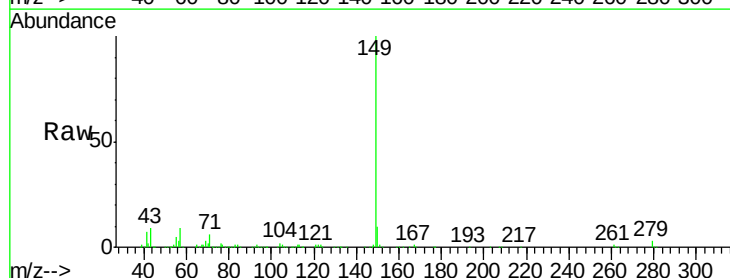


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

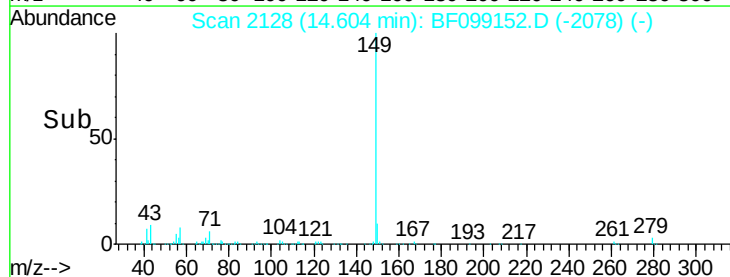
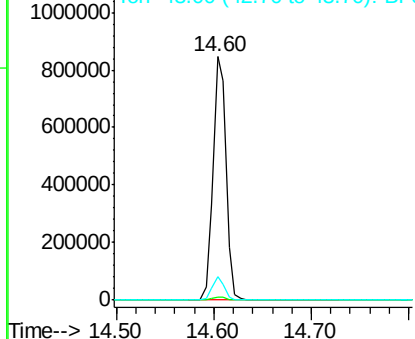


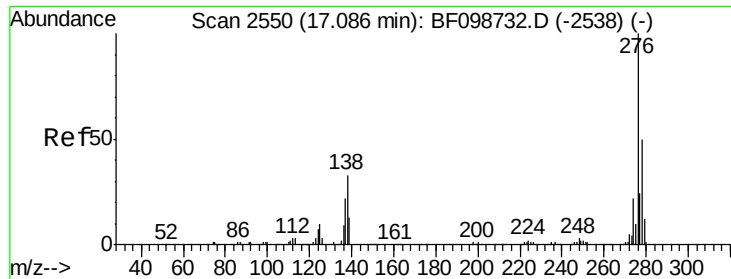
#84
 Di-n-octyl phthalate
 Concen: 38.78 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





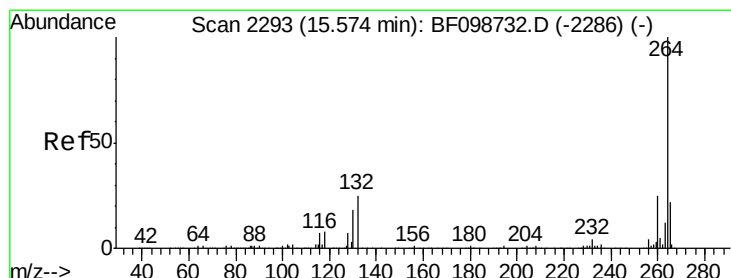
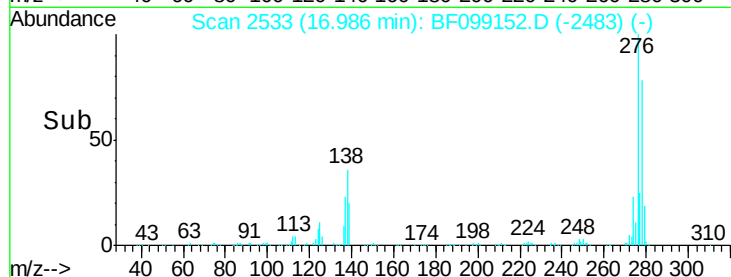
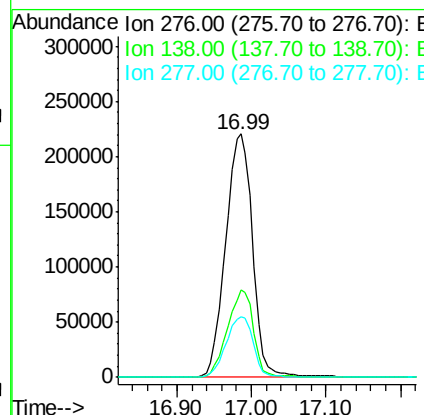
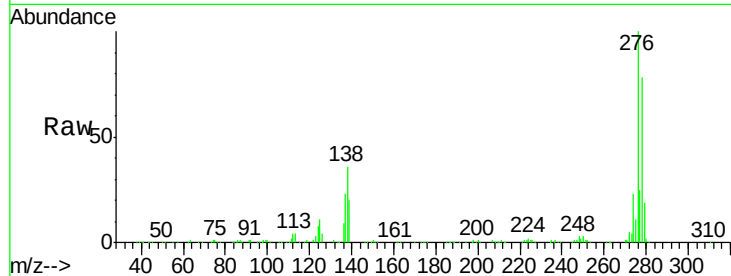
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.36 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102940BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	25.1	20.1	30.1

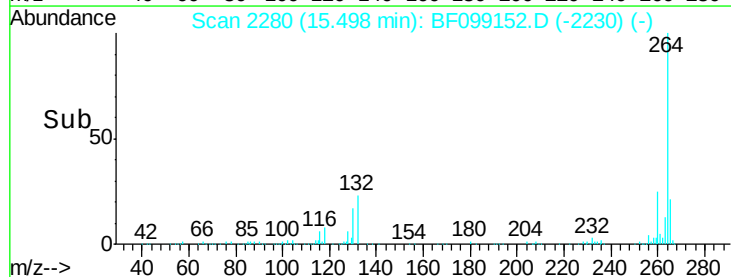
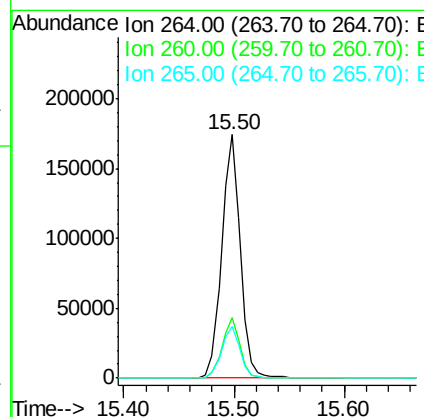
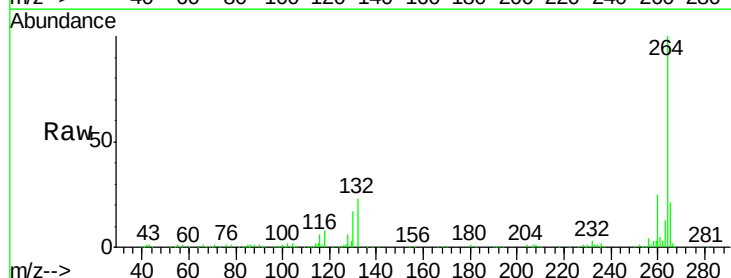
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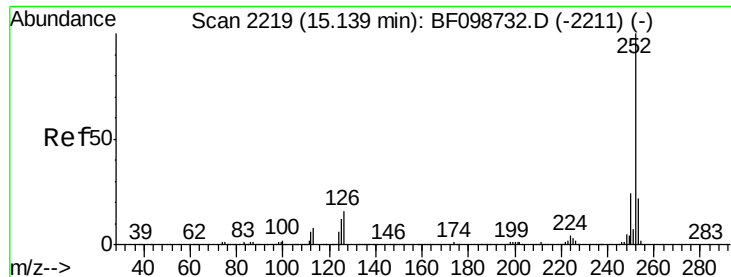
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099152.D
 Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.16 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Instrument :

BNA_F

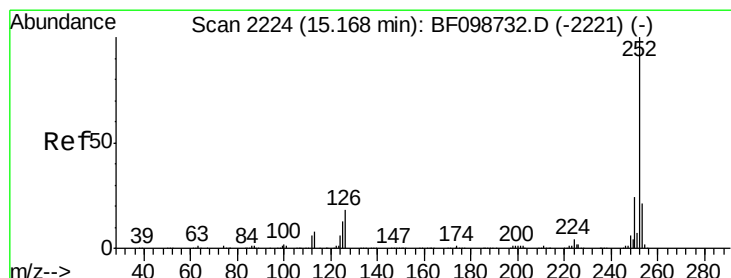
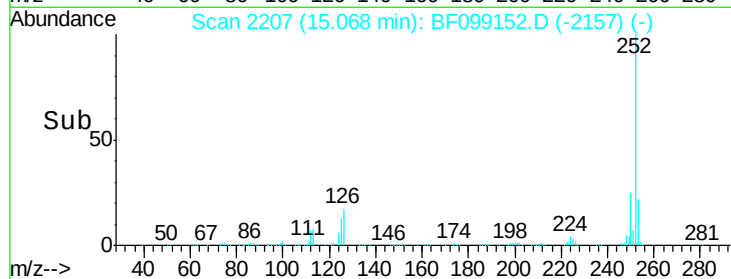
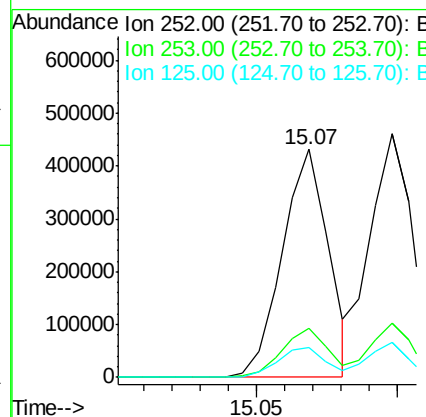
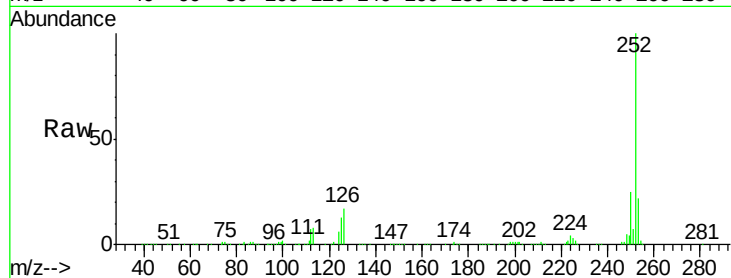
ClientSampleId :

PB102940BS

Tgt Ion:	252	Resp:	488513
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	13.3	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.93 ng

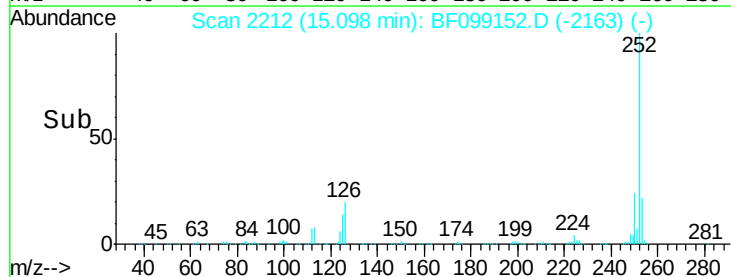
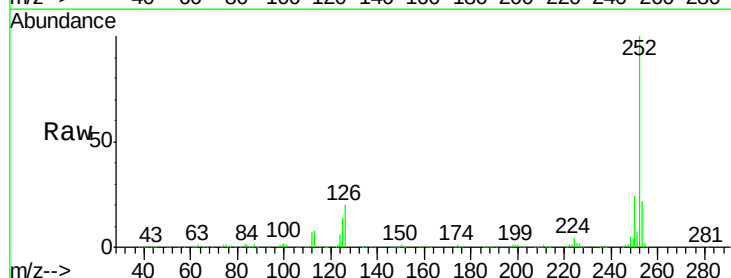
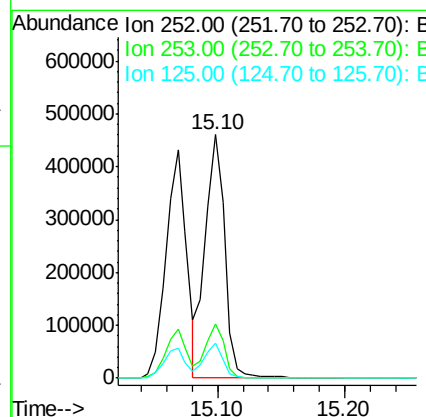
RT: 15.10 min Scan# 2212

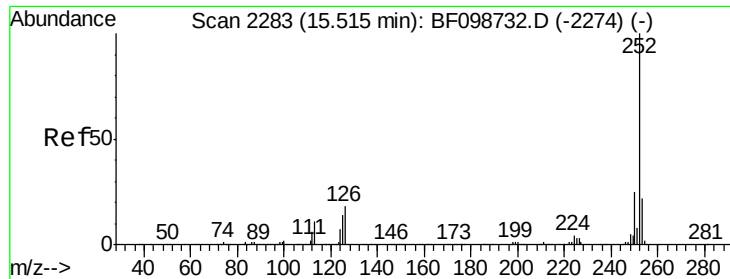
Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt Ion:	252	Resp:	492039
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	14.2	10.2	15.2





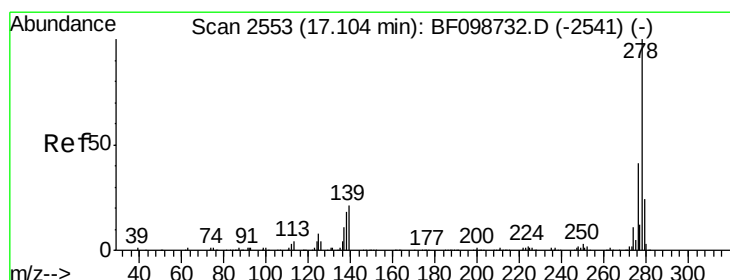
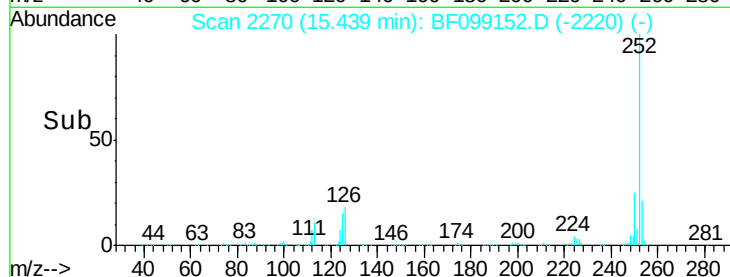
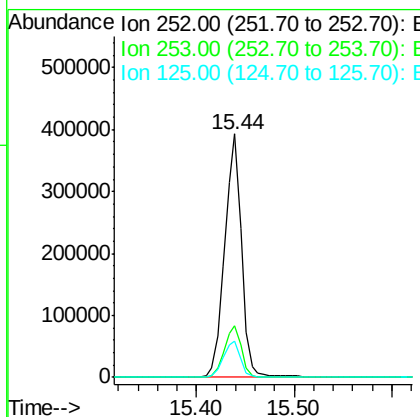
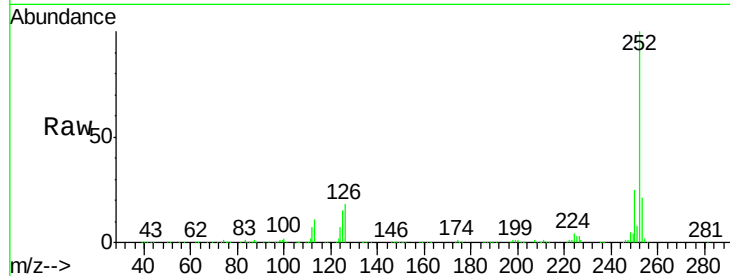
#89
Benzo(a)pyrene
Concen: 41.19 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	14.7	9.8	14.6

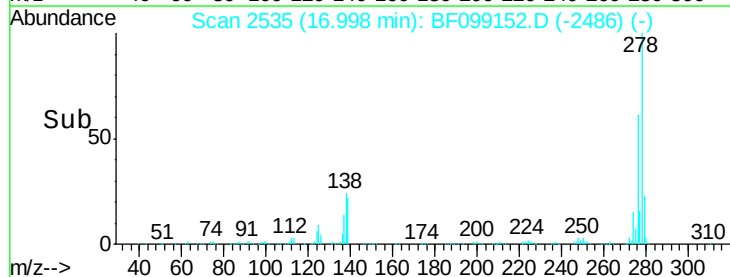
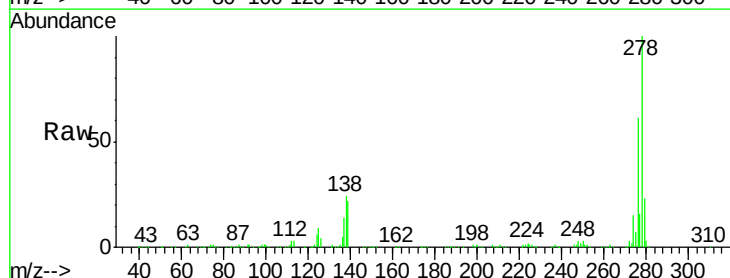
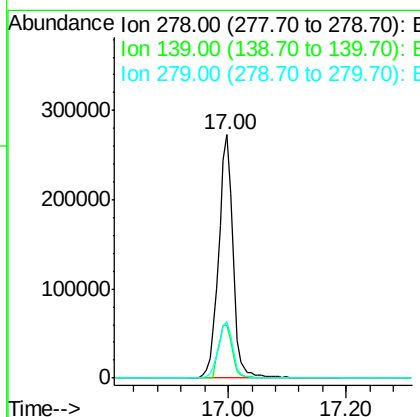
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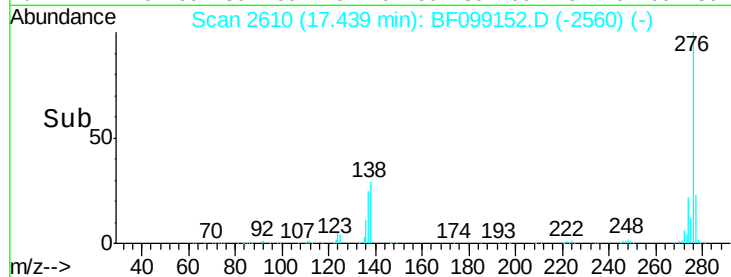
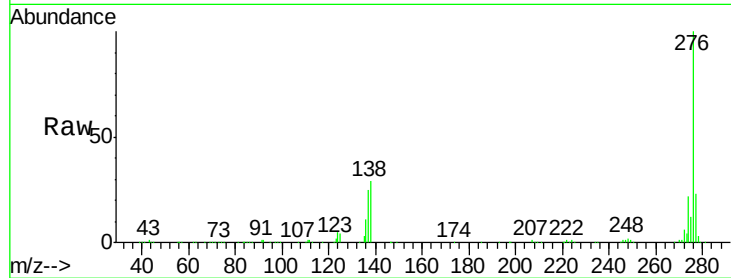
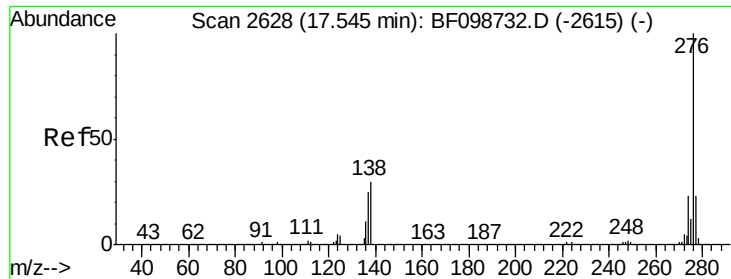
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#90
Dibenzo(a,h)anthracene
Concen: 50.38 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF099152.D
Acq: 6 Oct 2017 17:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	23.2	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 54.22 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF099152.D

Acq: 6 Oct 2017 17:28

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		491195		
277	23.1		17.9	26.9	
138	28.9		21.8	32.8	

Instrument :

BNA_F

ClientSampleId :

PB102940BS

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