

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098839.D
 Acq On : 26 Sep 2017 18:26
 Operator : SJ/JU
 Sample : PB102610BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Manual Integrations
 APPROVED

Sohil
 9/27/2017 12:45:01 PM

Quant Time: Sep 27 08:35:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135535	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	564442	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	250177	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	412010	20.00	ng	0.00
75) Chrysene-d12	14.08	240	257973	20.00	ng	0.00
86) Perylene-d12	15.57	264	252136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	741839	87.13	ng	0.00
7) Phenol-d6	6.54	99	883217	84.09	ng	0.00
23) Nitrobenzene-d5	7.48	82	770133	87.50	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	176454	86.20	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1399408	93.38	ng	0.00
78) Terphenyl-d14	13.02	244	970444	85.55	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	135801	33.391	ng	98
3) Pyridine	3.55	79	409979	37.264	ng	98
4) n-Nitrosodimethylamine	3.50	42	178882	38.342	ng	92
6) Aniline	6.58	93	387358	27.326	ng	98
8) 2-Chlorophenol	6.70	128	389869	40.435	ng	94
9) Benzaldehyde	6.46	77	86489	14.196	ng	98
10) Phenol	6.56	94	497371	42.343	ng	95
11) bis(2-Chloroethyl)ether	6.65	93	369177	40.428	ng	98
12) 1,3-Dichlorobenzene	6.86	146	404939	40.102	ng	98
13) 1,4-Dichlorobenzene	6.93	146	405359	39.456	ng	99
14) 1,2-Dichlorobenzene	7.09	146	381405	40.178	ng	99
15) Benzyl Alcohol	7.06	79	327606	42.518	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	573013	40.276	ng	98
17) 2-Methylphenol	7.16	107	328175	41.598	ng	97
18) Hexachloroethane	7.43	117	127496	34.526	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	258625	38.568	ng	97
20) 3+4-Methylphenols	7.32	107	403007	40.380	ng	# 85
22) Acetophenone	7.32	105	518248	37.896	ng	# 98
24) Nitrobenzene	7.50	77	395378	39.600	ng	97
25) Isophorone	7.73	82	714627	39.271	ng	99
26) 2-Nitrophenol	7.81	139	194724	40.558	ng	97
27) 2,4-Dimethylphenol	7.85	122	362298	39.958	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	464986	41.003	ng	100
29) 2,4-Dichlorophenol	8.05	162	320026	41.109	ng	100
30) 1,2,4-Trichlorobenzene	8.14	180	317878	40.827	ng	98
31) Naphthalene	8.22	128	1071860	40.433	ng	100
32) Benzoic acid	7.96	122	211316	28.372	ng	99
33) 4-Chloroaniline	8.26	127	236305	21.346	ng	99
34) Hexachlorobutadiene	8.33	225	159832	39.855	ng	99
35) Caprolactam	8.64	113	106628m	42.700	ng	
36) 4-Chloro-3-methylphenol	8.75	107	343550	39.263	ng	95
37) 2-Methylnaphthalene	8.91	142	745385	43.252	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	292133	39.155	ng	99
40) Hexachlorocyclopentadiene	9.06	237	71839	21.069	ng	98

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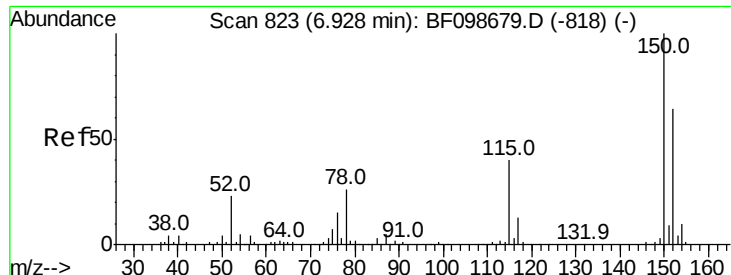
Manual Integrations
 APPROVED

Sohil
 9/27/2017 12:45:01 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	215500	40.771	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	226108	42.853	nq	96
45) 1,1'-Biphenyl	9.37	154	848939	39.483	nq	99
46) 2-Chloronaphthalene	9.40	162	668070	41.383	nq	97
47) 2-Nitroaniline	9.49	65	213163	43.123	nq	98
48) Acenaphthylene	9.82	152	1015556	41.094	nq	100
49) Dimethylphthalate	9.67	163	807693	42.776	nq	100
50) 2,6-Dinitrotoluene	9.73	165	173799	42.279	nq	100
51) Acenaphthene	9.99	154	600118	38.335	nq	99
52) 3-Nitroaniline	9.90	138	139918	29.191	nq	97
53) 2,4-Dinitrophenol	10.00	184	12469	11.230	nq	# 69
54) Dibenzofuran	10.16	168	918022	44.044	nq	99
55) 4-Nitrophenol	10.06	139	301145	74.303	nq	93
56) 2,4-Dinitrotoluene	10.14	165	223377	41.870	nq	95
57) Fluorene	10.50	166	690961	41.244	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	158617	43.518	nq	98
59) Diethylphthalate	10.37	149	789345	42.782	nq	100
60) 4-Chlorophenyl-phenylether	10.49	204	318536	42.328	nq	98
61) 4-Nitroaniline	10.52	138	168021	36.335	nq	95
62) Azobenzene	10.65	77	744200	43.868	nq	99
64) 4,6-Dinitro-2-methylphenol	10.54	198	12426	4.957	nq	88
65) n-Nitrosodiphenylamine	10.61	169	638420	44.728	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	182856	45.341	nq	91
67) Hexachlorobenzene	11.05	284	179059	41.571	nq	99
68) Atrazine	11.14	200	191222	44.528	nq	99
69) Pentachlorophenol	11.24	266	175249	65.374	nq	98
70) Phenanthrene	11.47	178	944304	42.818	nq	99
71) Anthracene	11.52	178	976239	43.263	nq	99
72) Carbazole	11.67	167	893439	40.432	nq	99
73) Di-n-butylphthalate	12.00	149	1213419	45.621	nq	98
74) Fluoranthene	12.66	202	850309	38.076	nq	98
76) Benzidine	12.77	184	612117	64.153	nq	98
77) Pyrene	12.89	202	838257	42.613	nq	99
79) Butylbenzylphthalate	13.49	149	443697	47.993	nq	99
80) Benzo(a)anthracene	14.07	228	666410	42.661	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	243773	42.570	nq	96
82) Chrysene	14.11	228	621736	41.806	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	628685	49.386	nq	99
84) Di-n-octyl phthalate	14.66	149	1021608	49.839	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	525890	44.205	nq	96
87) Benzo(b)fluoranthene	15.13	252	650954	41.991	nq	97
88) Benzo(k)fluoranthene	15.16	252	642905	41.988	nq	98
89) Benzo(a)pyrene	15.51	252	618118	43.438	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	453031	39.781	nq	97
91) Benzo(g,h,i)perylene	17.54	276	399022	35.446	nq	95

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



#1

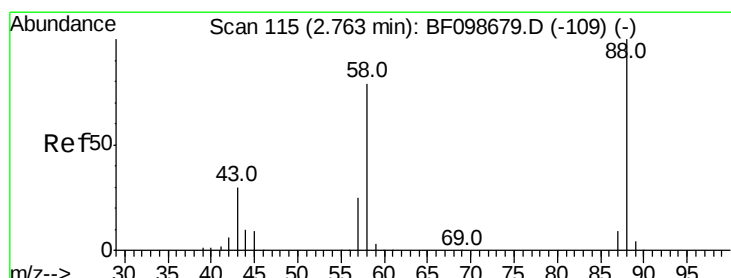
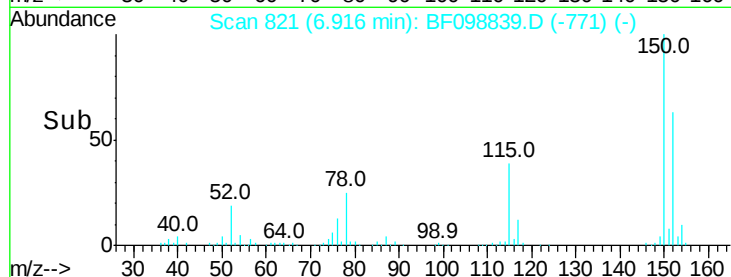
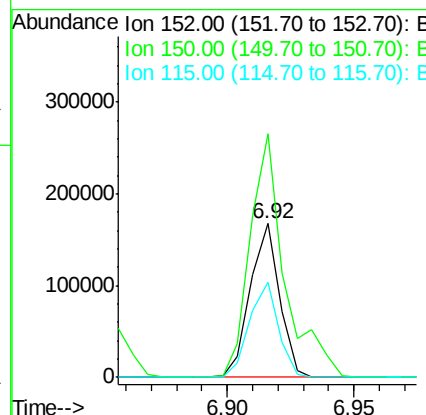
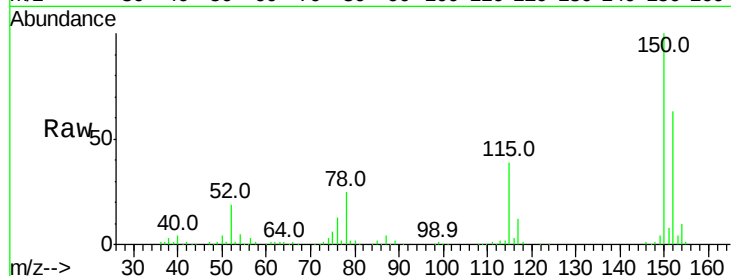
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	61.5	50.1	75.1

Manual Integrations
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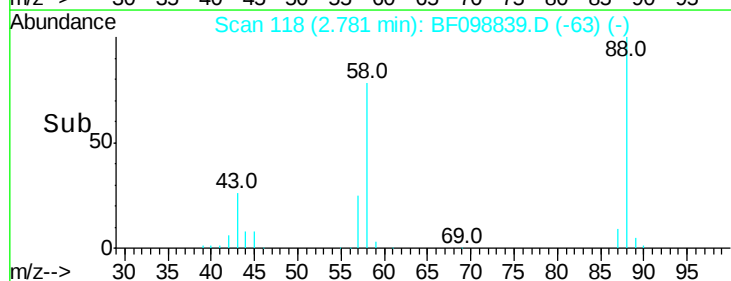
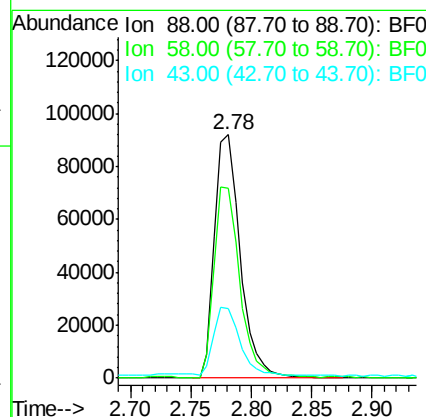
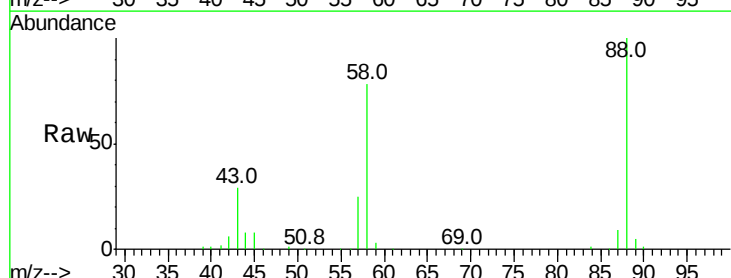
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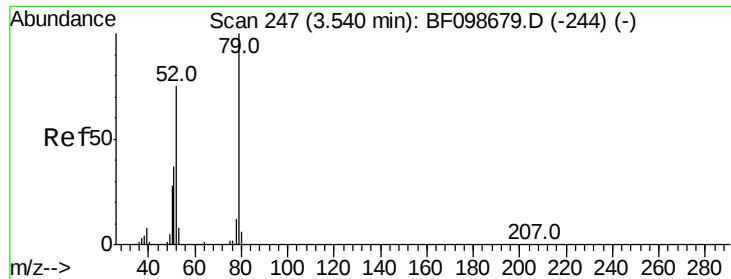


#2

1,4-Dioxane
Concen: 33.391 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.02 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.6	93.8
43	28.8	24.6	37.0





#3

Pvridine

Concen: 37.264 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.02 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

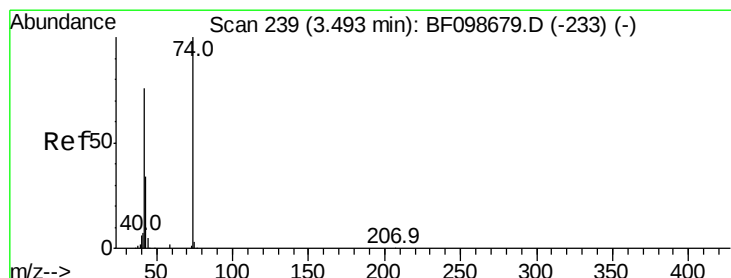
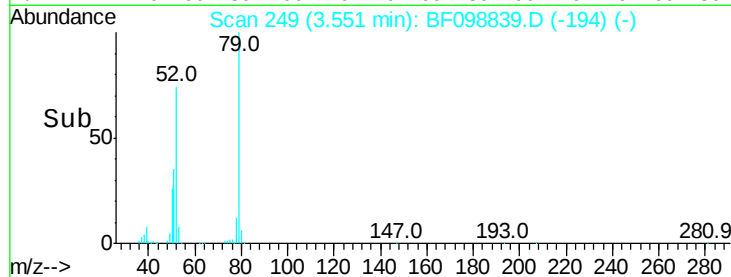
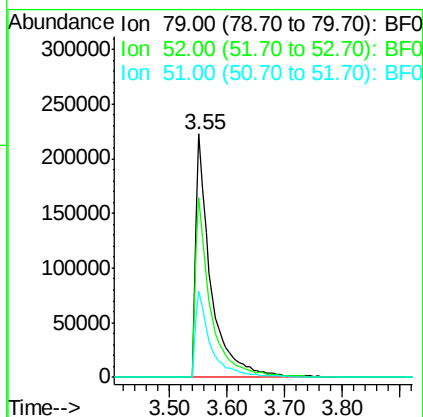
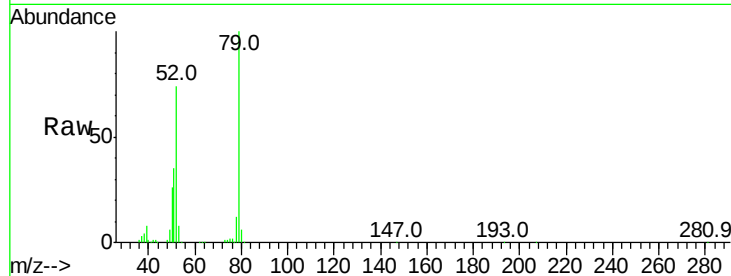
ClientSampleId :

PB102610BSD

Tot Ion:	79	Resp:	409979
Ion	Ratio	Lower	Upper
79	100		
52	73.9	59.8	89.6
51	35.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.342 ng

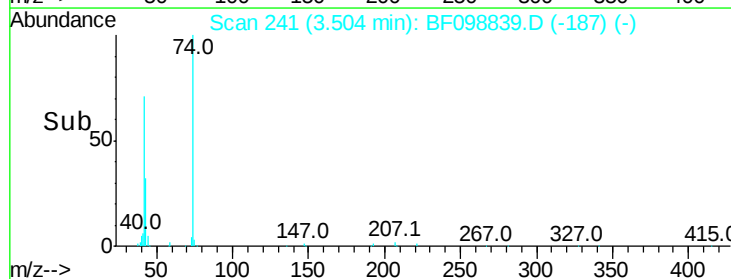
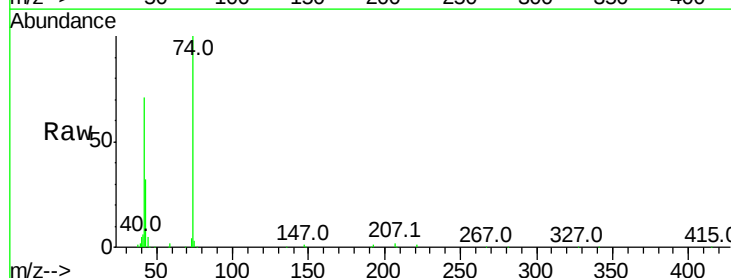
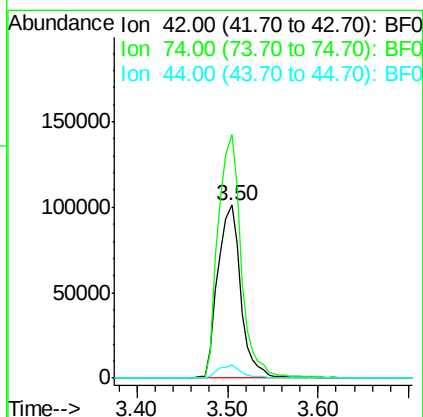
RT: 3.50 min Scan# 241

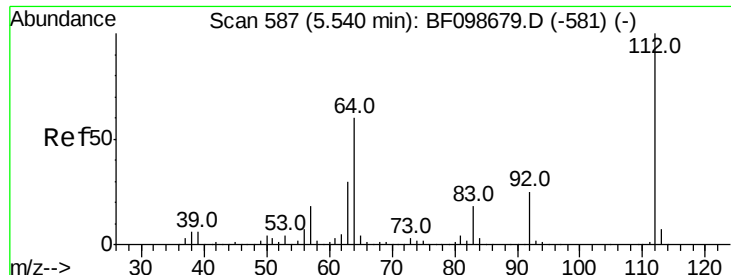
Delta R.T. 0.02 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	42	Resp:	178882
Ion	Ratio	Lower	Upper
42	100		
74	140.8	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 87.131 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

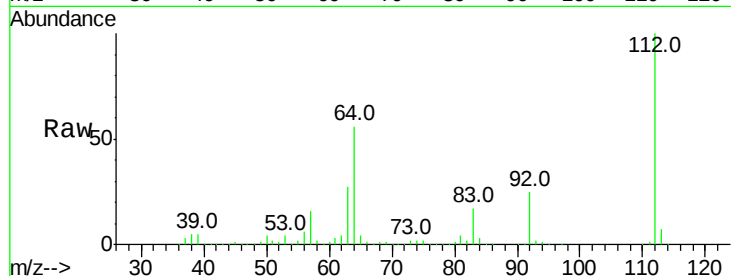
ClientSampleId :

PB102610BSD

Tot Ion:	112	Resp:	741839
Ion Ratio	Lower	Upper	
112	100		
64	56.1	47.9	71.9
63	27.4	23.7	35.5

Manual Integrations
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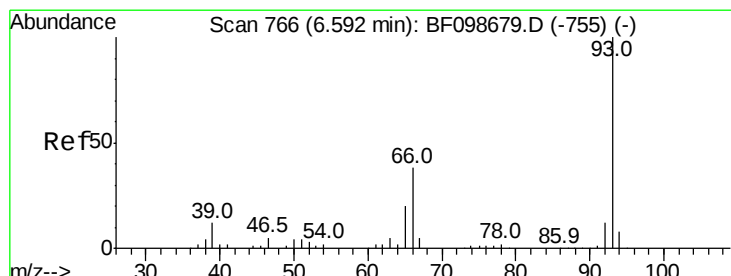
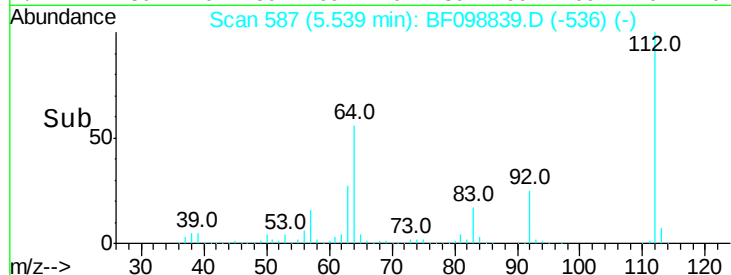
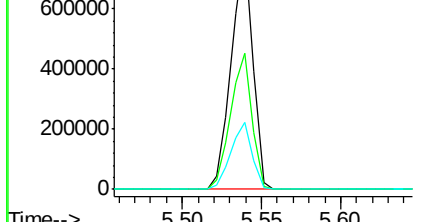
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.326 ng

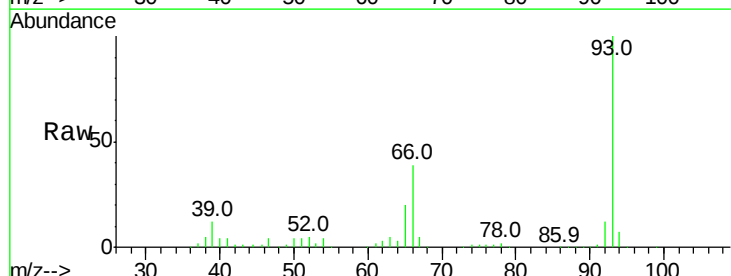
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

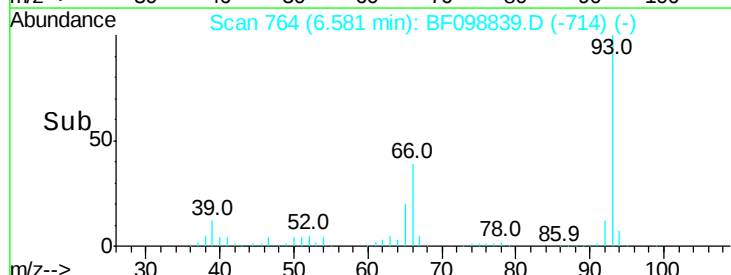
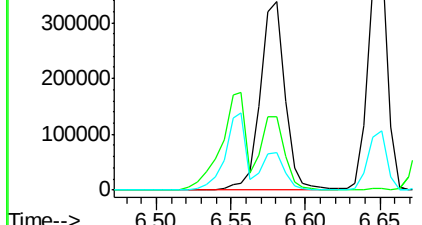
Tgt Ion:	93	Resp:	387358
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.2	48.2
65	20.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.092 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

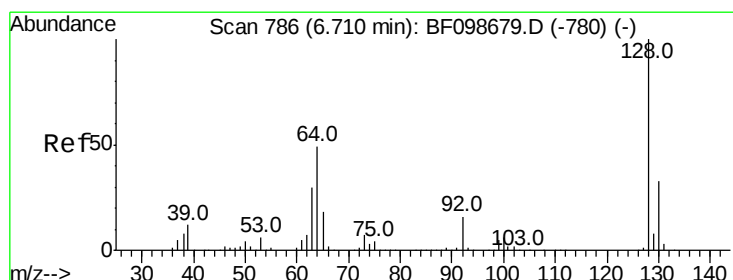
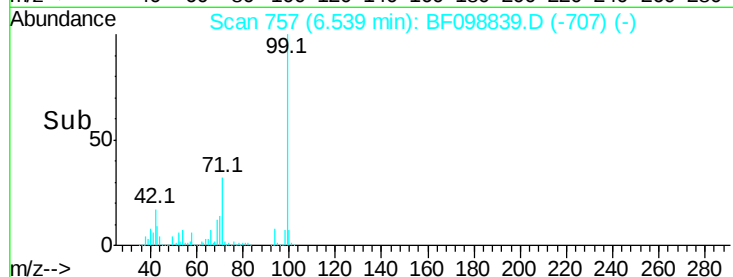
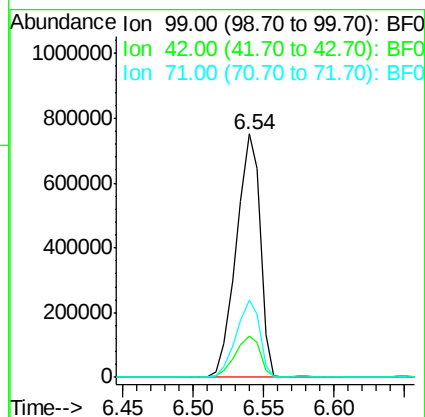
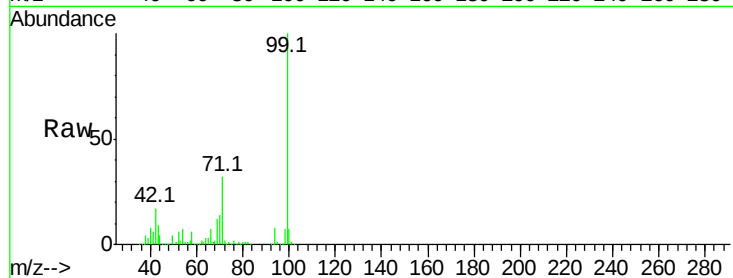
ClientSampleId :

PB102610BSD

Tot Ion	99	Resp	883217
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.5	21.7
71	31.6	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.435 ng

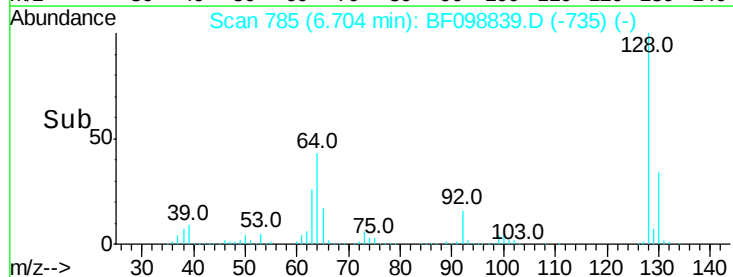
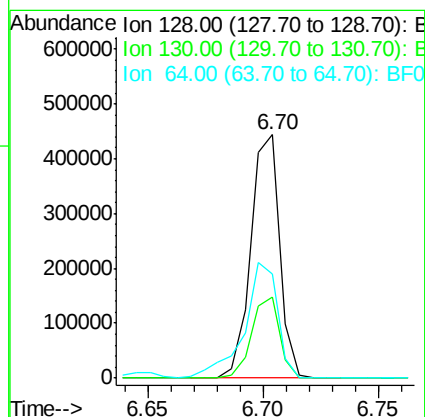
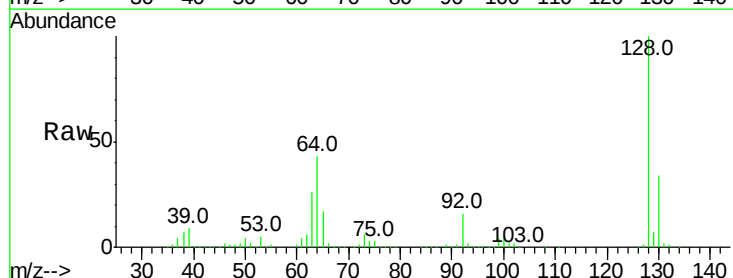
RT: 6.70 min Scan# 785

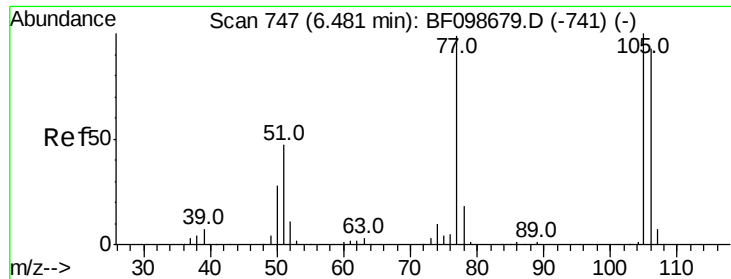
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion	128	Resp	389869
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.0	53.0
64	42.9	29.4	69.4





#9

Benzaldehyde

Concen: 14.196 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB102610BSD

Tot Ion: 77 Resp: 86489

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

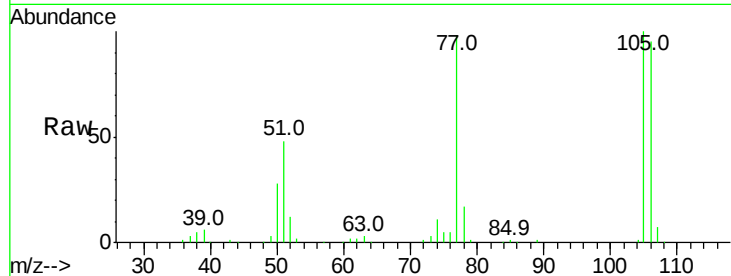
106 96.9 74.5 114.5

Manual Integrations

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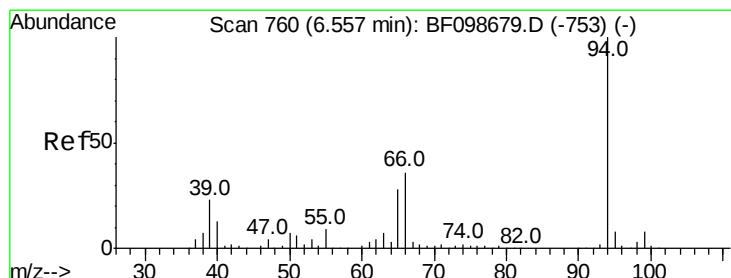
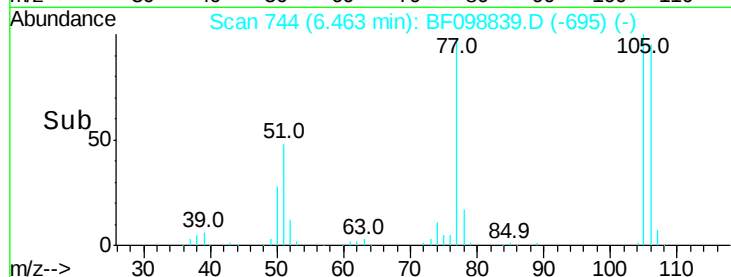
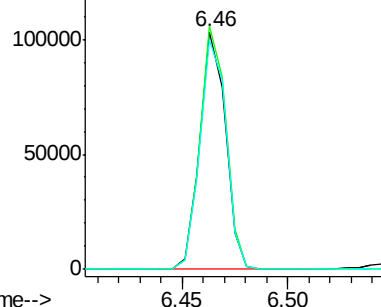
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.343 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

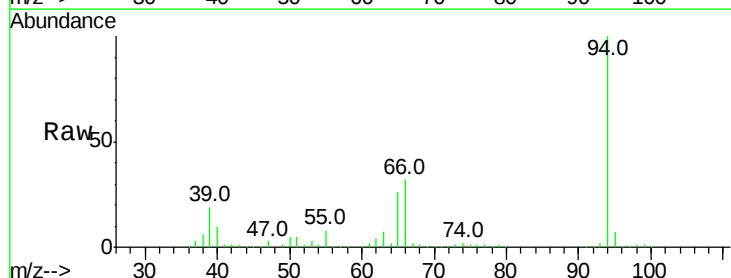
Tgt Ion: 94 Resp: 497371

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

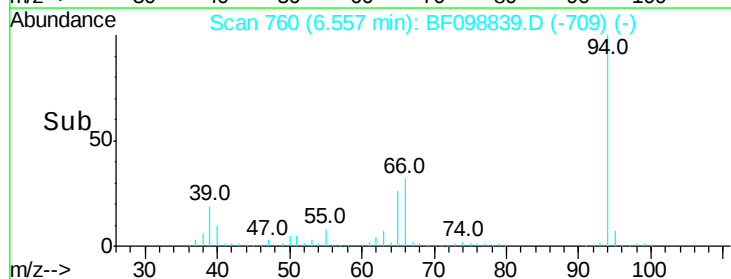
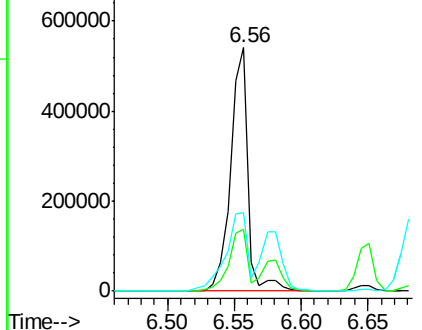
66 32.5 16.2 56.2

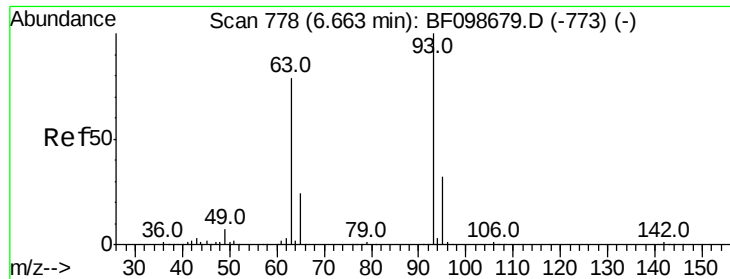


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





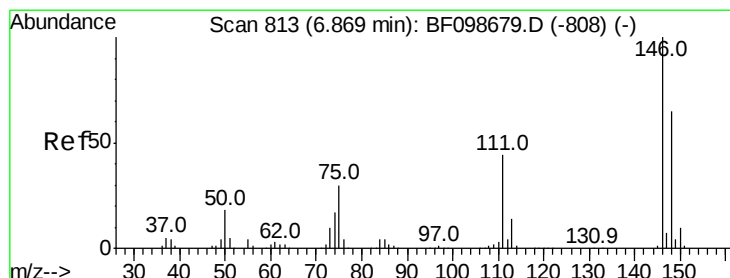
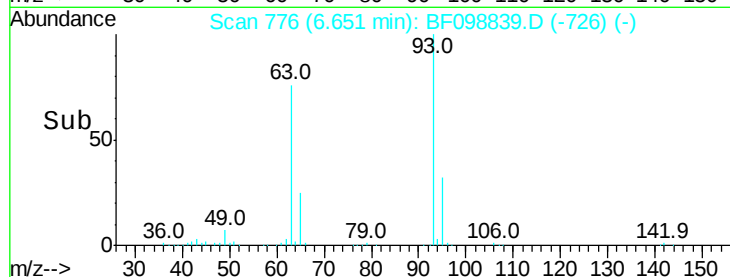
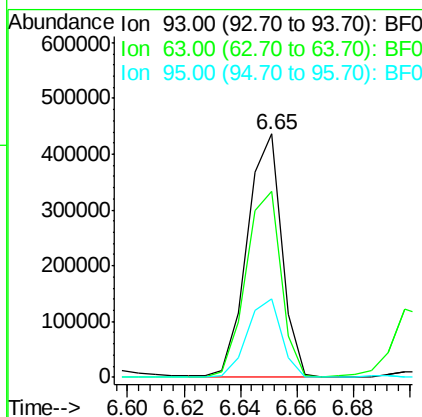
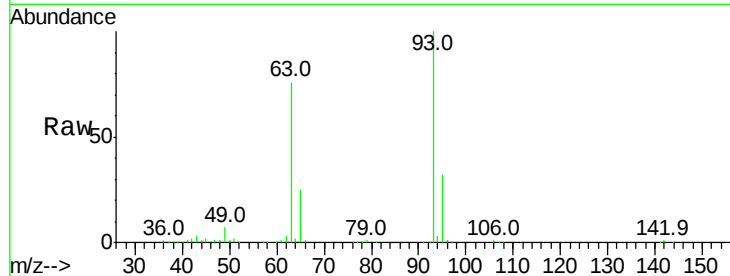
#11
bis(2-Chloroethyl)ether
Concen: 40.428 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	93	Resp	369177
Ion Ratio	100	Lower	Upper
93	100		
63	76.3	58.6	98.6
95	32.4	11.8	51.8

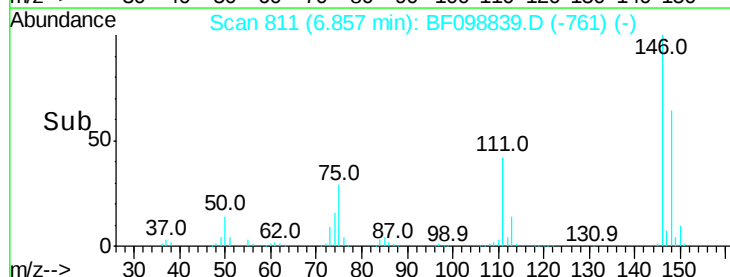
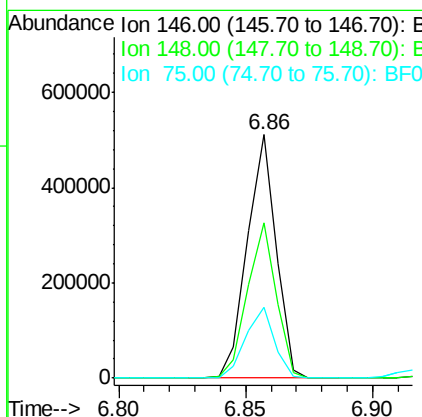
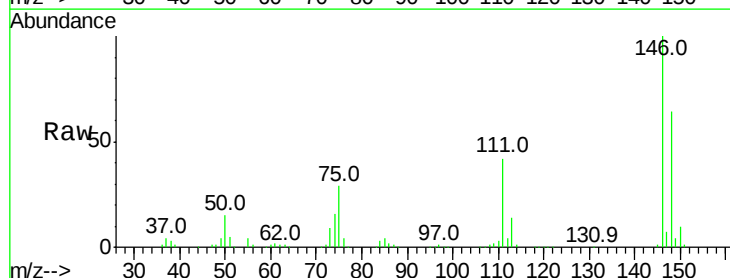
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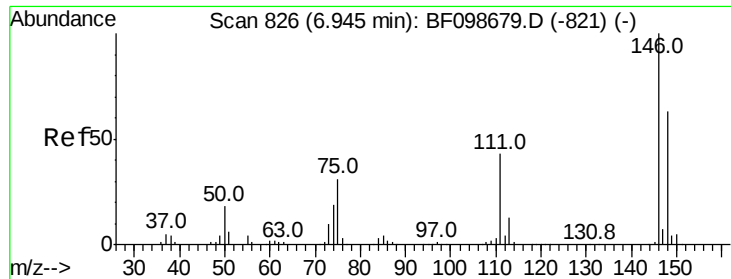
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.102 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	146	Resp	404939
Ion Ratio	100	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	28.9	24.2	36.4





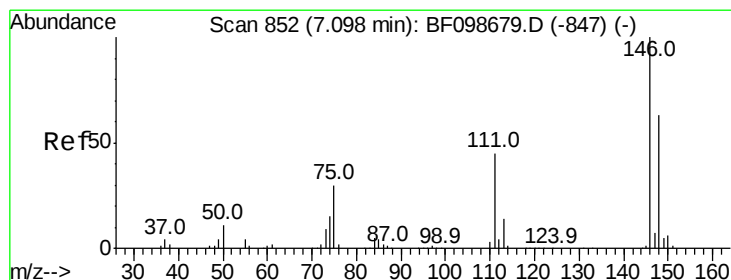
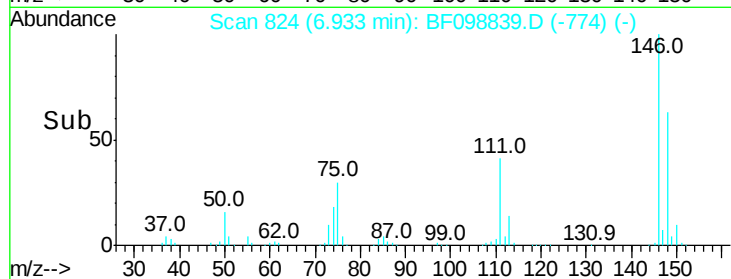
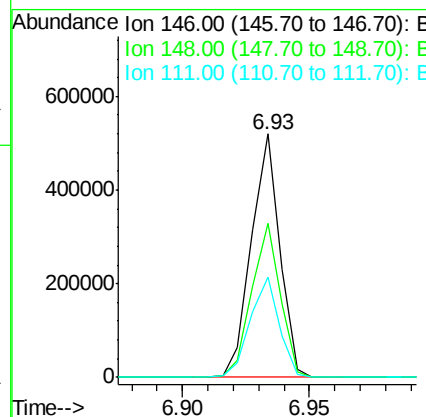
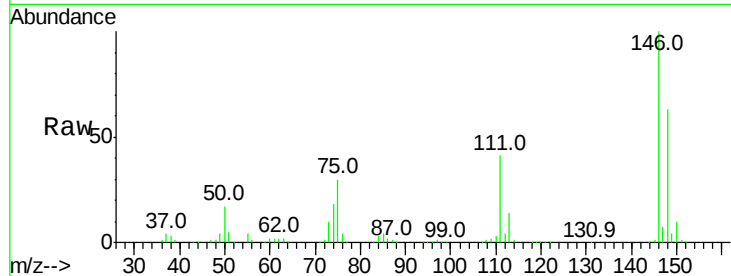
#13
 1,4-Dichlorobenzene
 Concen: 39.456 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	41.2	34.2	51.2

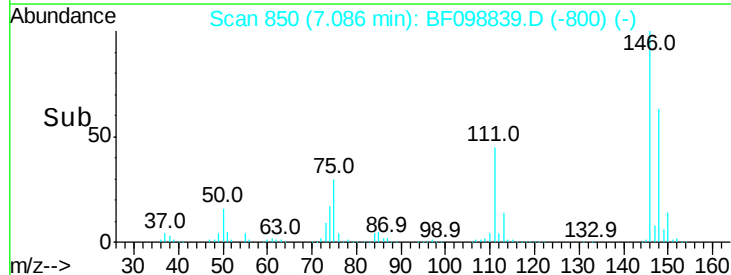
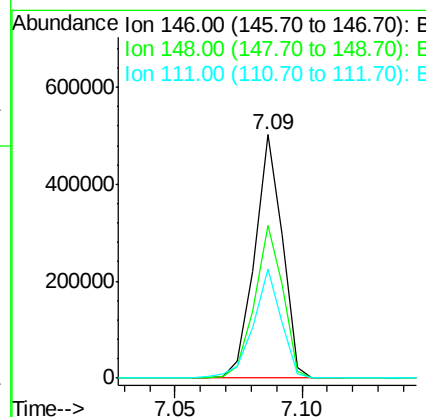
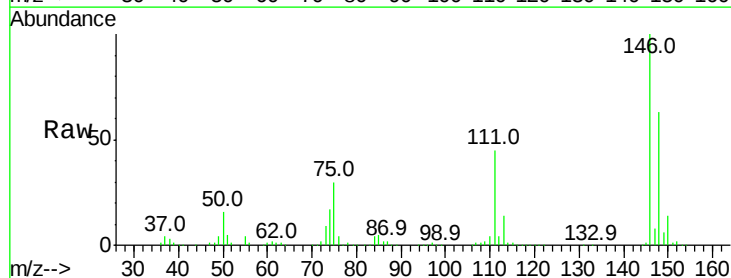
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#14
 1,2-Dichlorobenzene
 Concen: 40.178 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	44.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.518 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

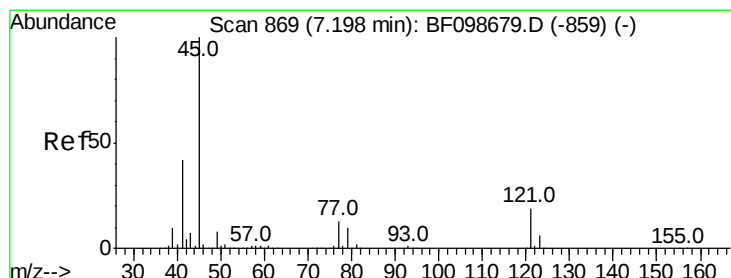
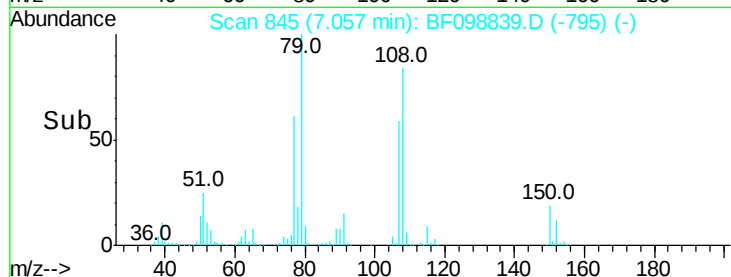
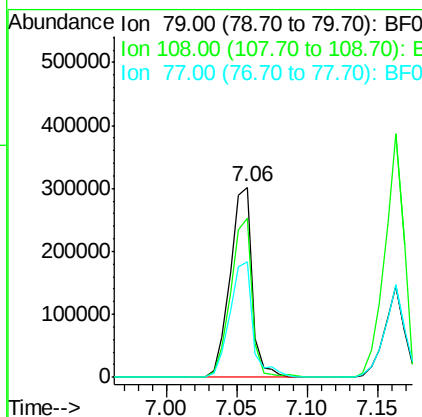
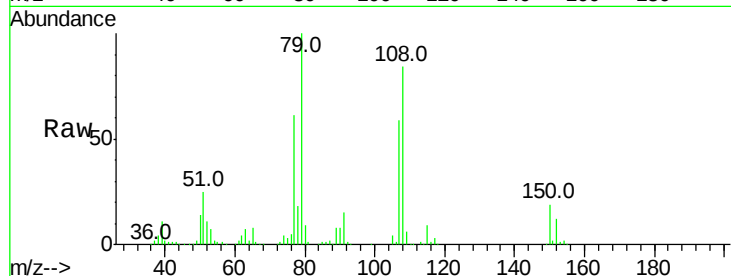
ClientSampleId :

PB102610BSD

Tot Ion:	79	Resp:	327606
Ion Ratio	Lower	Upper	
79	100		
108	84.0	65.1	97.7
77	60.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.276 ng

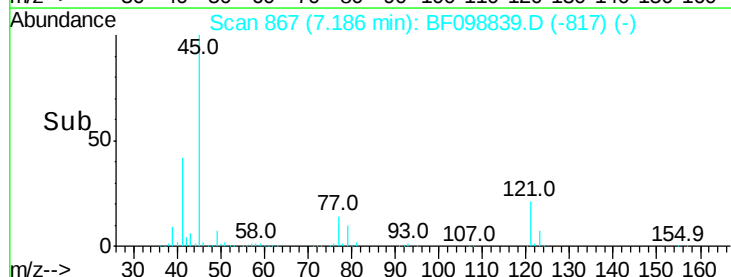
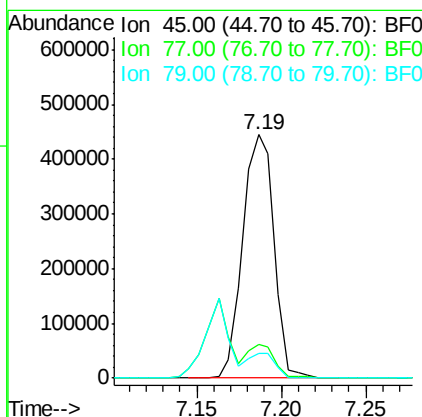
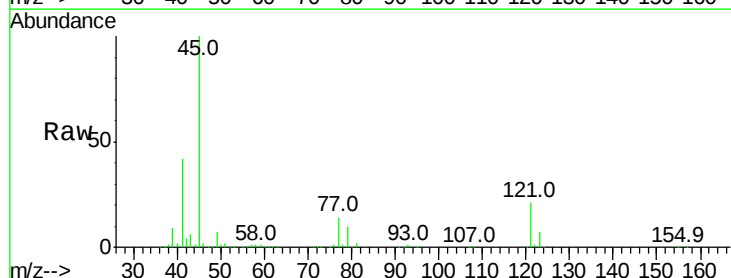
RT: 7.19 min Scan# 867

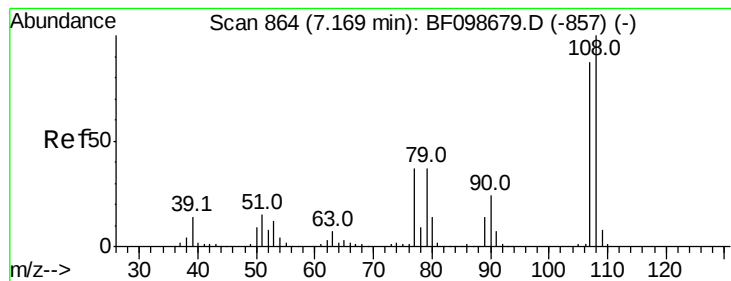
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	45	Resp:	573013
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	32.9
79	10.4	0.0	29.6





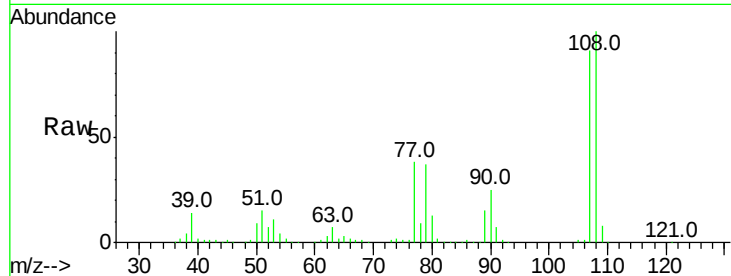
#17
2-Methylphenol
Concen: 41.598 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

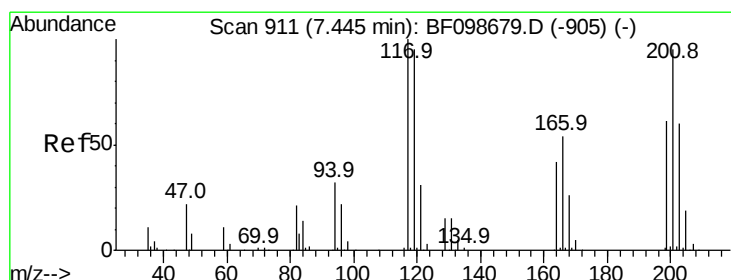
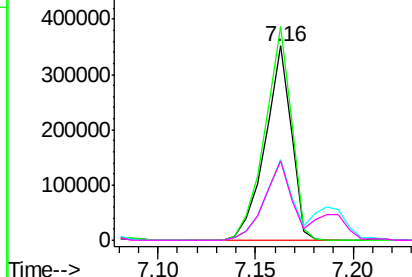
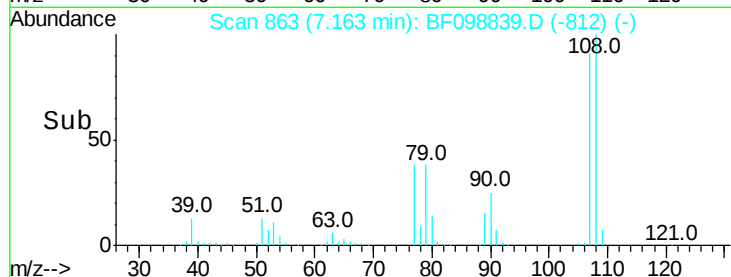
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	91.7	137.5	
77	41.6	33.8	50.8	
79	41.2	33.8	50.8	

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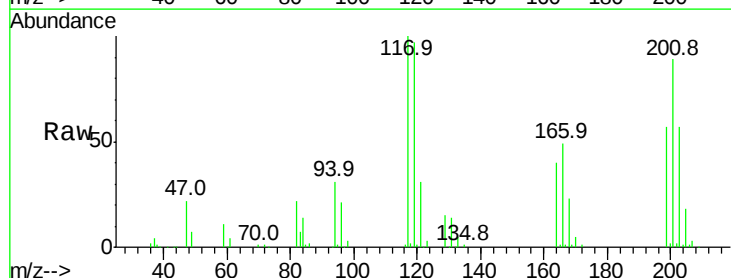


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.30): BF0
Ion 79.00 (78.70 to 79.30): BF0

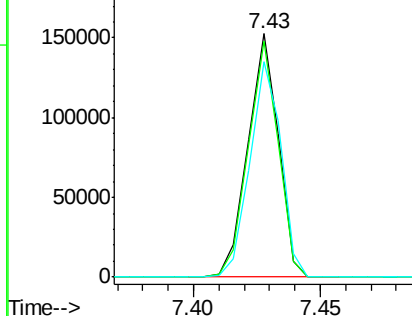
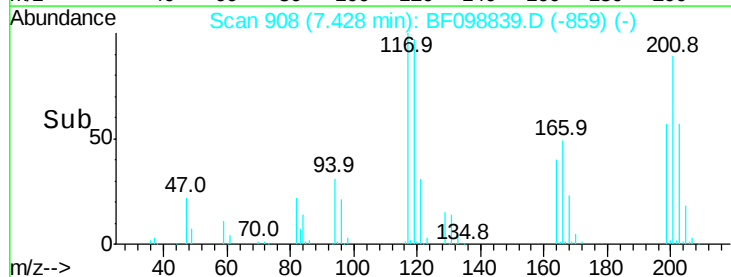


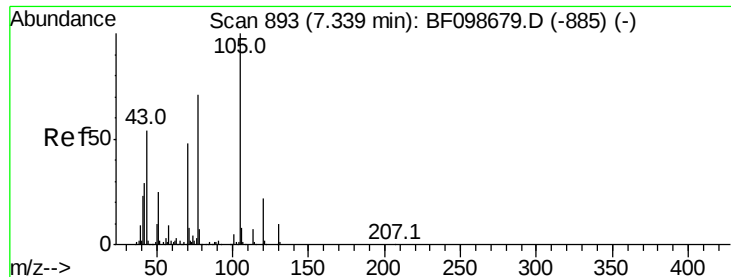
#18
Hexachloroethane
Concen: 34.526 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.8	113.8	
201	88.7	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.30): E
200000
Ion 119.00 (118.70 to 119.30): E
Ion 201.00 (200.70 to 201.30): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.568 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB102610BSD

Tot Ion: 70 Resp: 258625

Ion Ratio Lower Upper

70 100

42 56.7 47.5 71.3

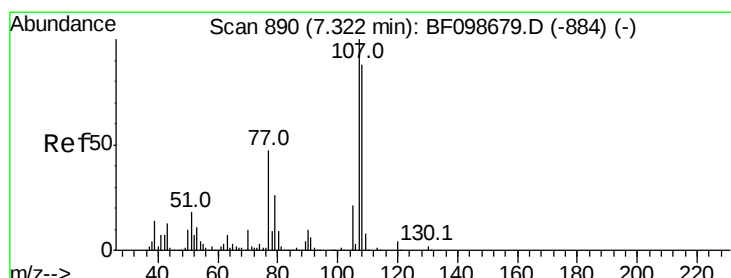
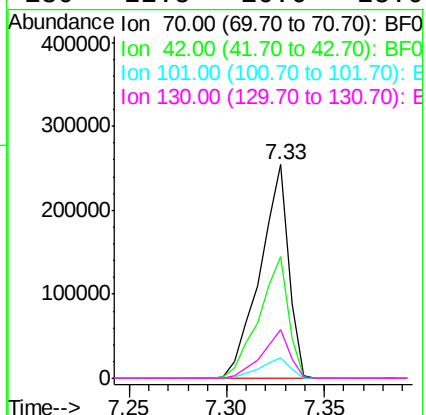
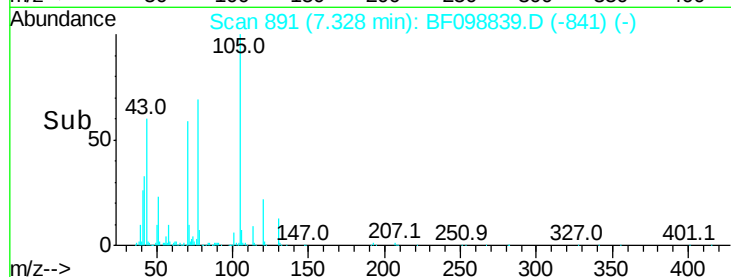
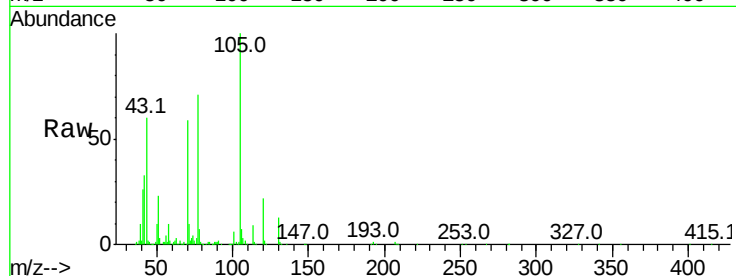
101 9.6 7.4 11.2

130 22.5 16.6 25.0

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#20

3+4-Methylphenols

Concen: 40.380 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion: 107 Resp: 403007

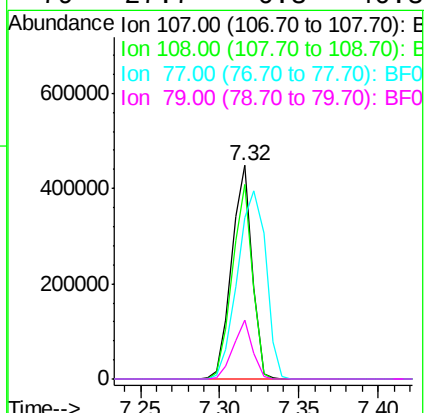
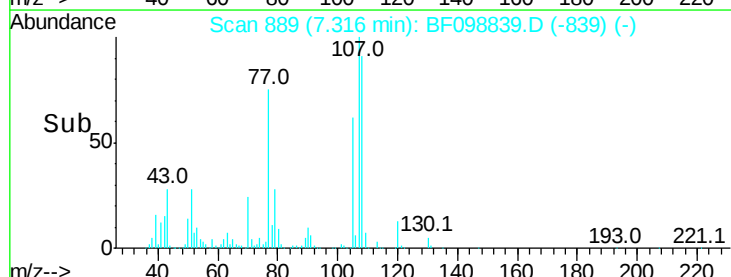
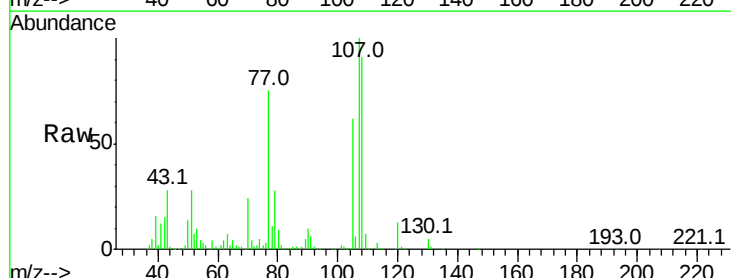
Ion Ratio Lower Upper

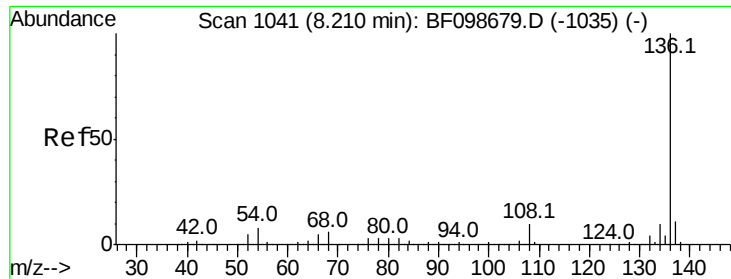
107 100

108 91.4 68.2 108.2

77 75.4 26.7 66.7#

79 27.7 6.3 46.3





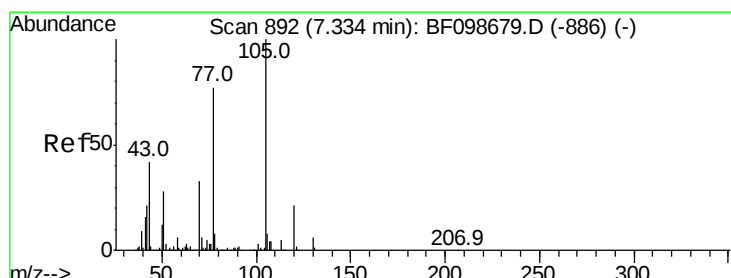
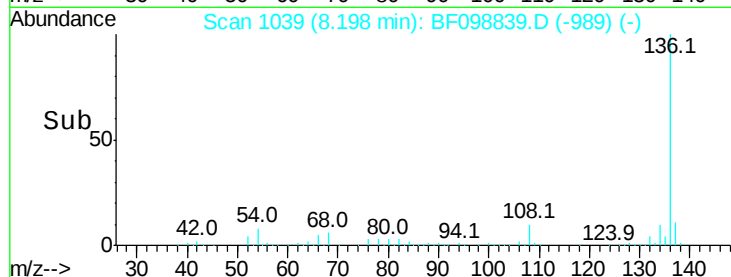
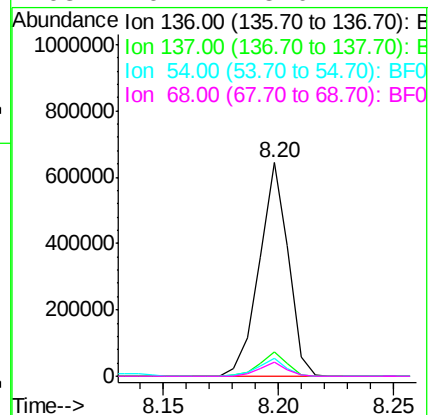
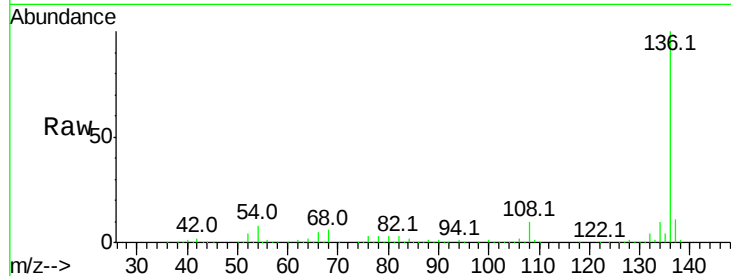
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampled :
PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	564442		
137	11.2		8.9	13.3
54	8.2		6.6	9.8
68	6.4		5.0	7.4

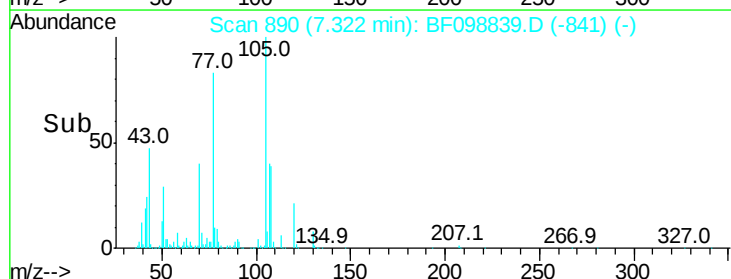
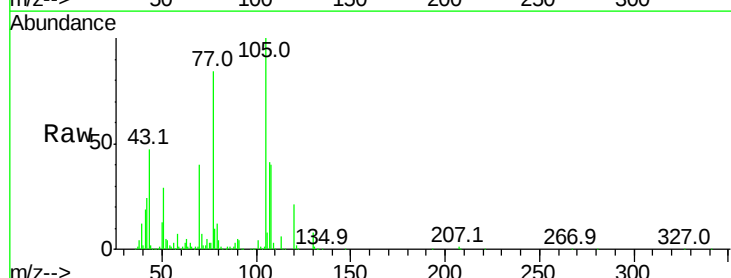
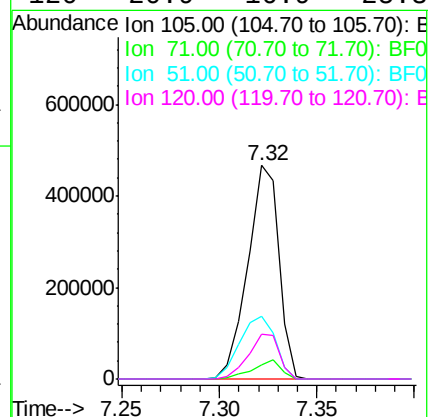
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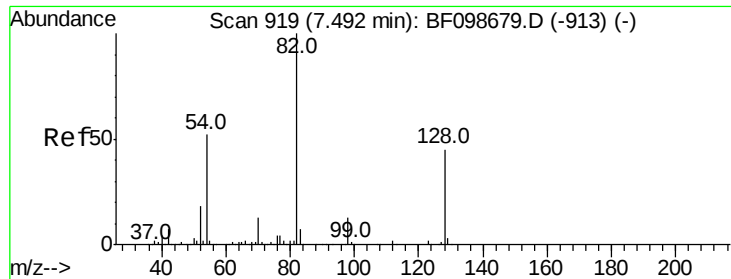
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#22
Acetophenone
Concen: 37.896 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	518248		
71	6.9		4.4	6.6#
51	29.1		22.3	33.5
120	20.9		16.9	25.3





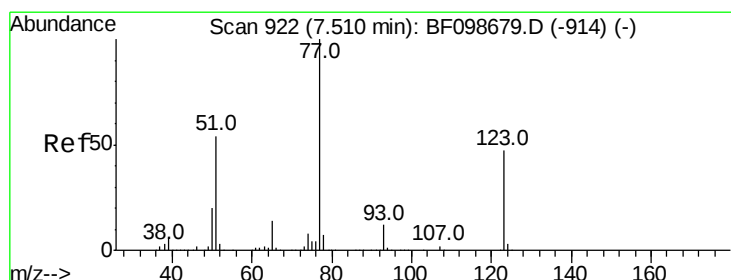
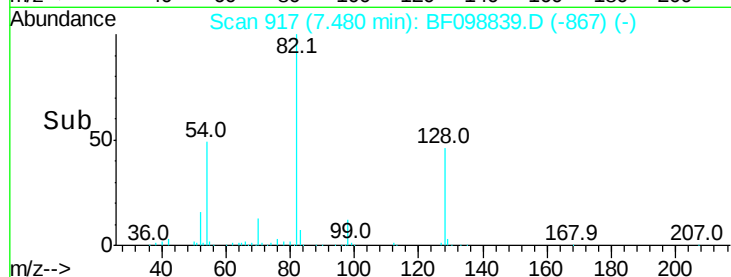
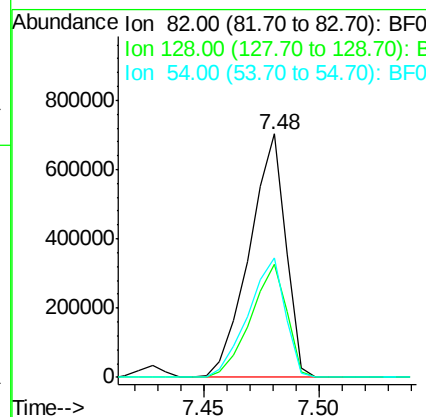
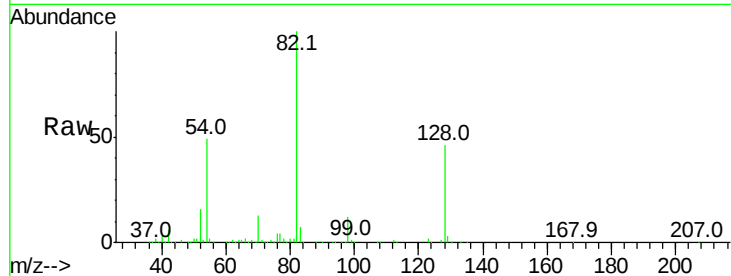
#23
 Nitrobenzene-d5
 Concen: 87.500 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	49.3	41.4	62.2

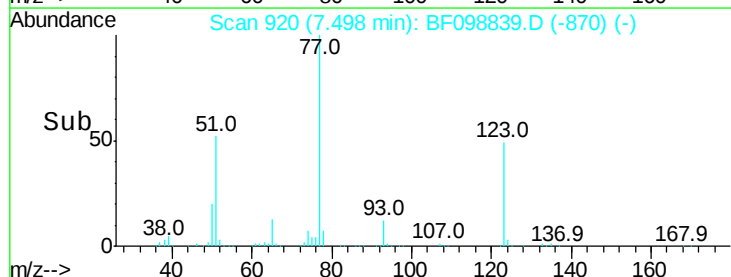
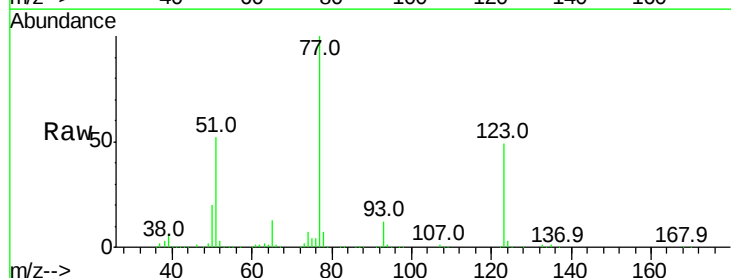
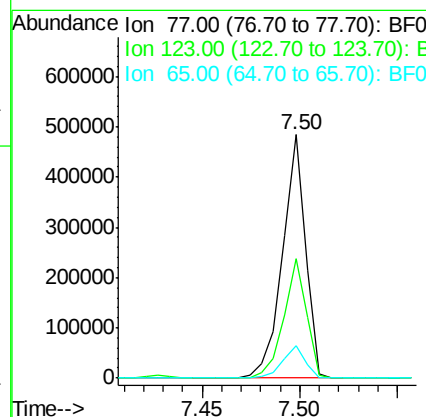
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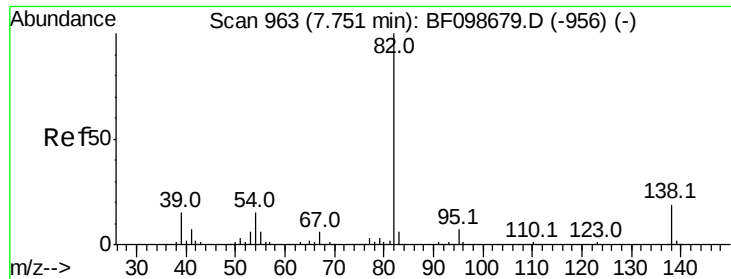
Sohil
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#24
 Nitrobenzene
 Concen: 39.600 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 39.271 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

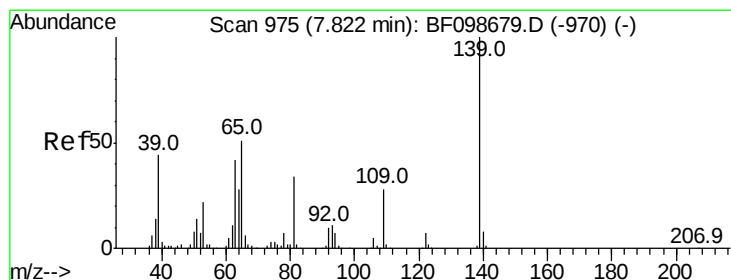
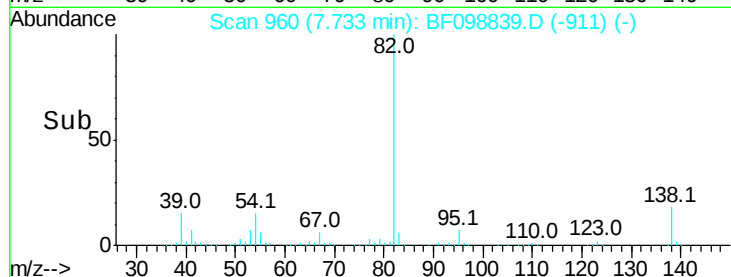
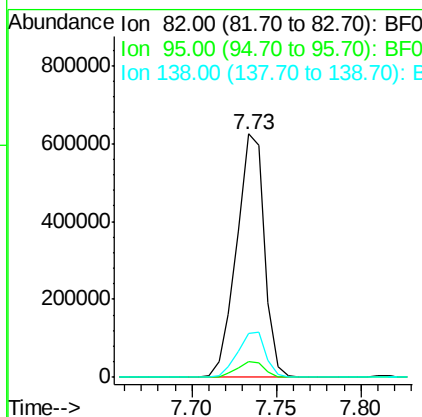
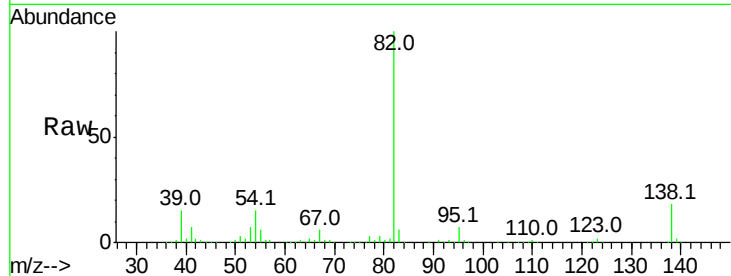
ClientSampleId :

PB102610BSD

Tot Ion:	82	Resp:	714627
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.558 ng

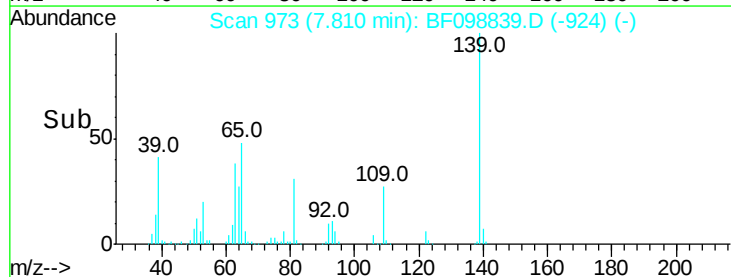
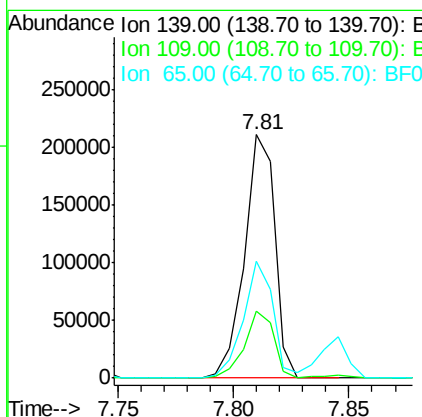
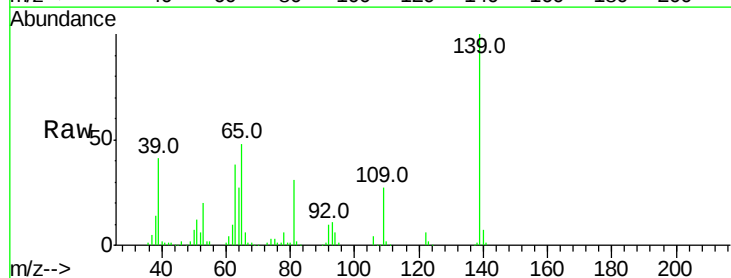
RT: 7.81 min Scan# 973

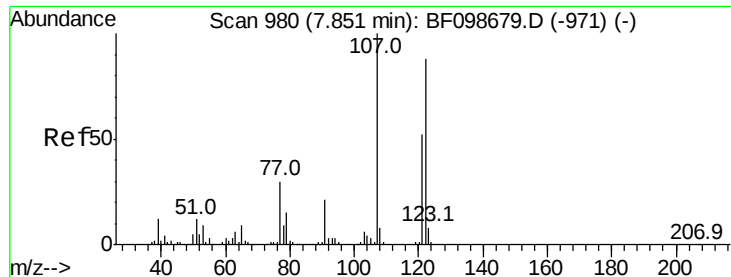
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	139	Resp:	194724
Ion Ratio	Lower	Upper	
139	100		
109	27.3	22.7	34.1
65	48.1	40.5	60.7





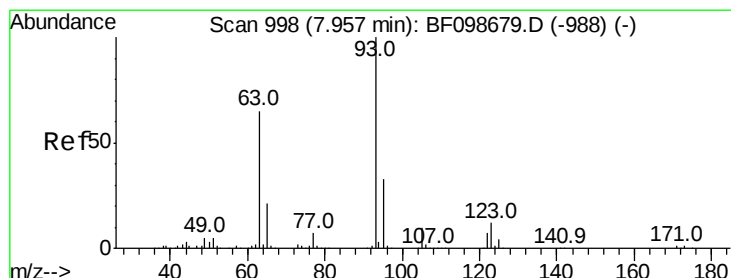
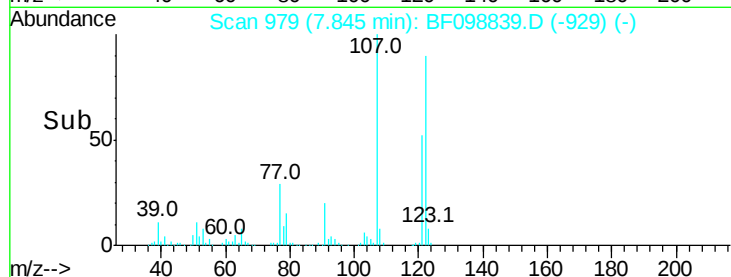
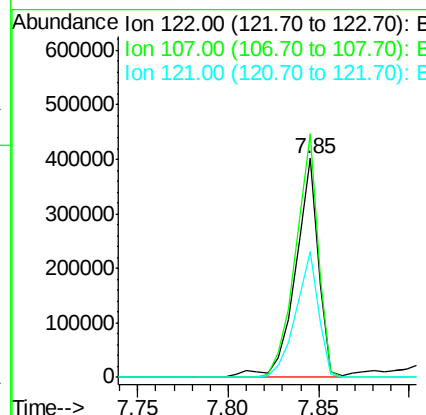
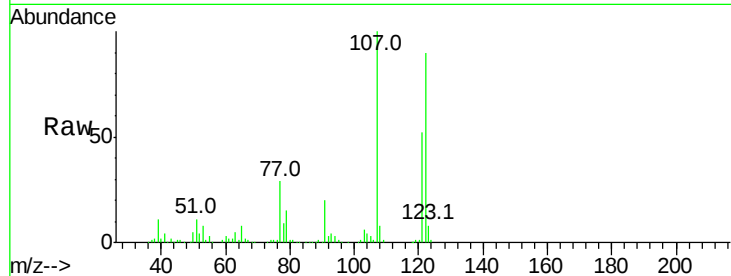
#27
 2,4-Dimethylphenol
 Concen: 39.958 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362298		
107	111.2	91.2	136.8	
121	57.7	47.2	70.8	

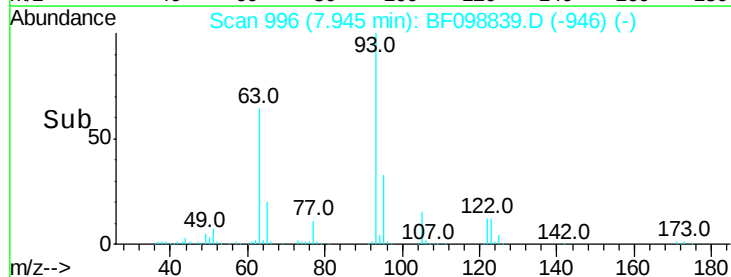
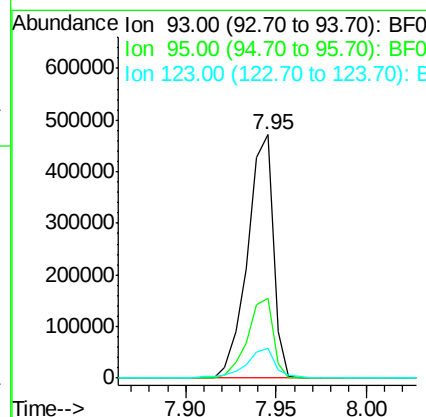
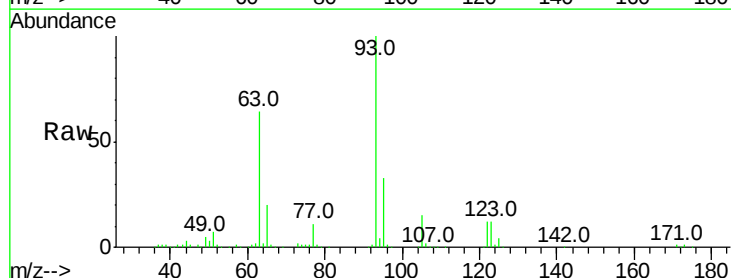
Manual Integrations
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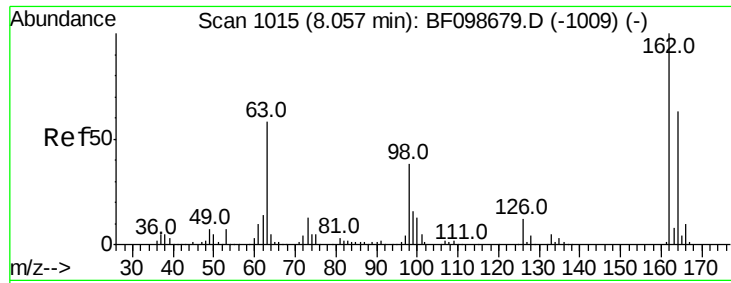
Sohil
 9/27/2017 12:45:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.003 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	464986		
95	32.9	26.3	39.5	
123	12.4	9.8	14.6	





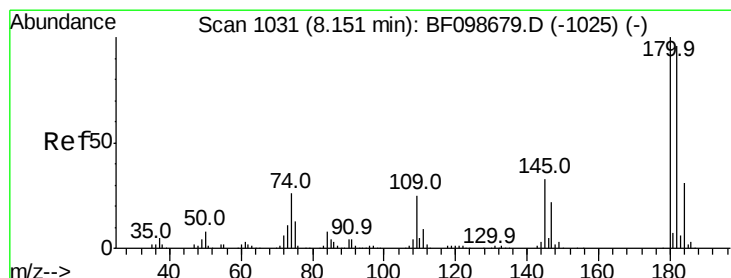
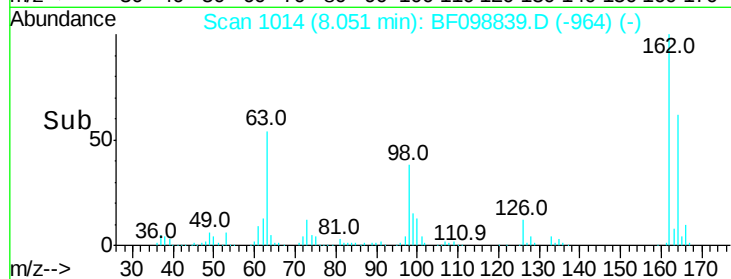
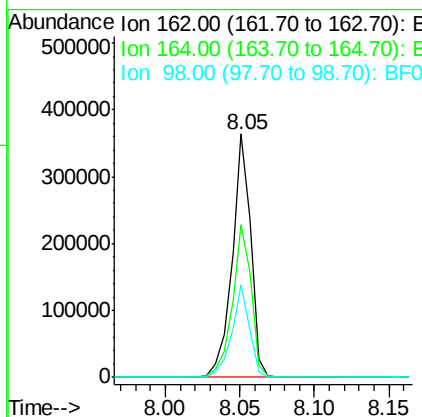
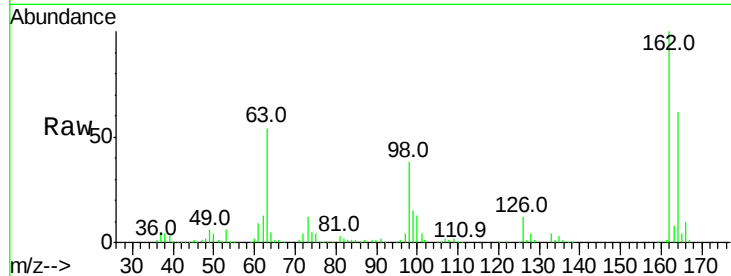
#29
 2,4-Dichlorophenol
 Concen: 41.109 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleID :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.5	42.7	82.7	
98	38.1	18.1	58.1	

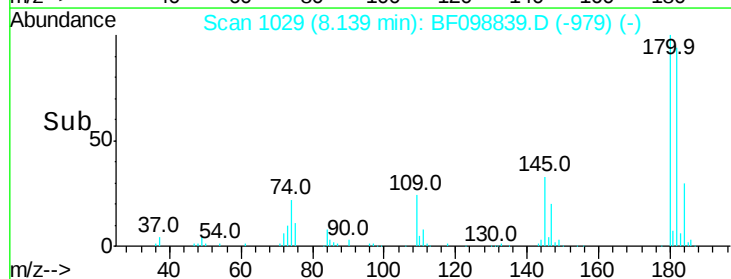
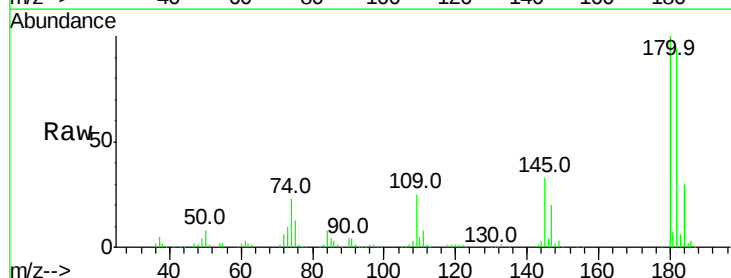
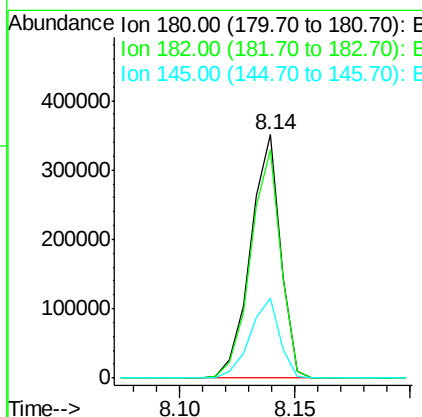
Manual Integrations
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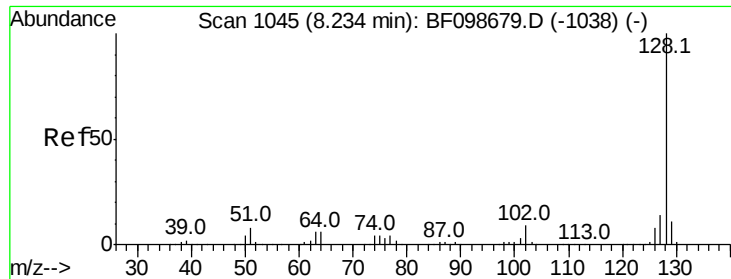
Sohil
 9/27/2017 12:45:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.827 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	76.8	115.2	
145	32.6	26.5	39.7	





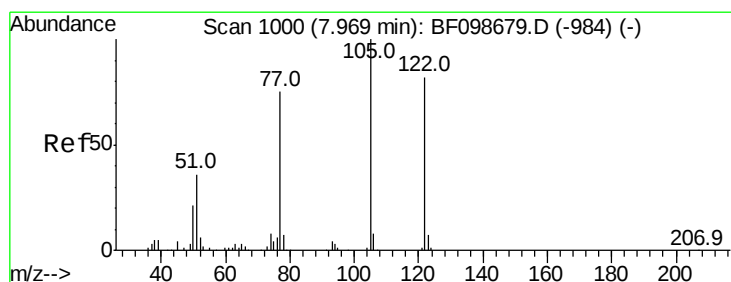
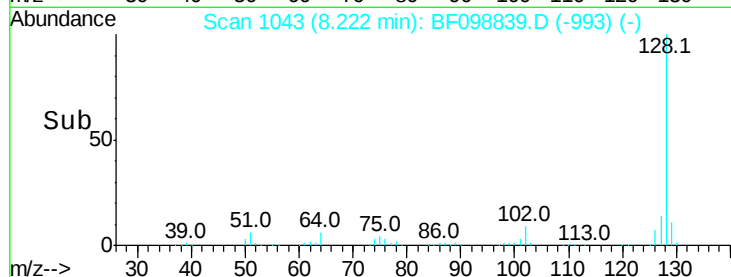
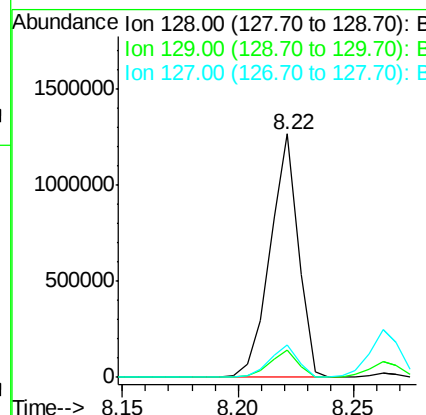
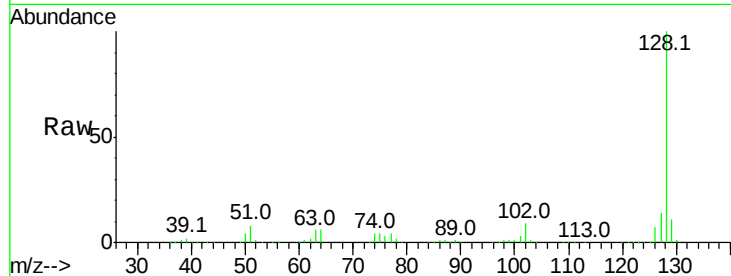
#31
Naphthalene
Concen: 40.433 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.6	10.9	16.3

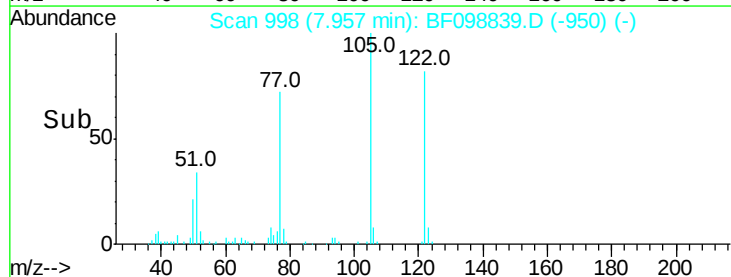
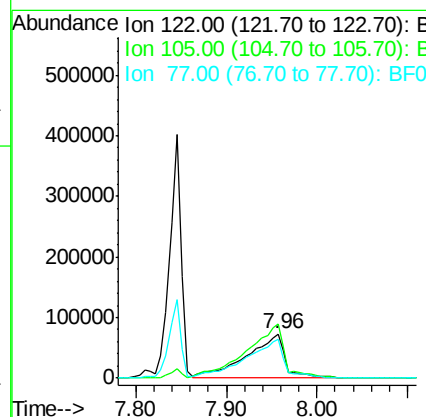
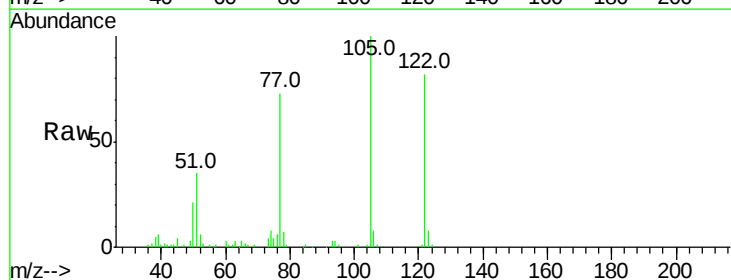
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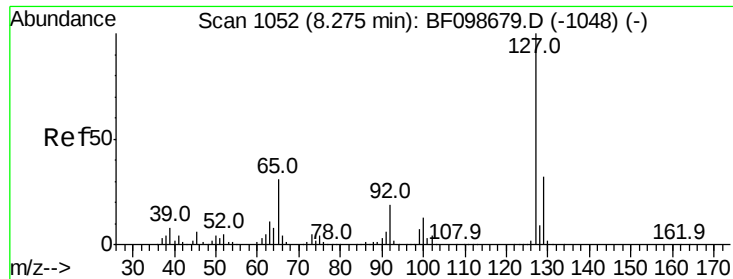
Sohil
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#32
Benzoic acid
Concen: 28.372 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	101.1	141.1
77	88.6	70.7	110.7





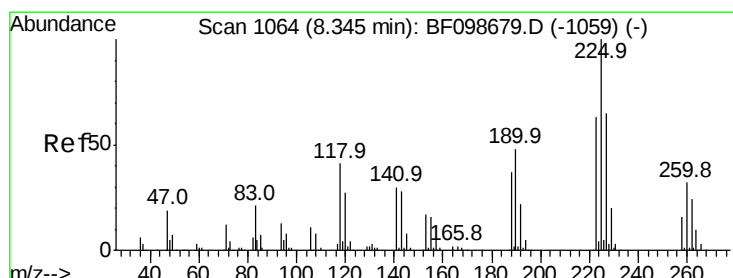
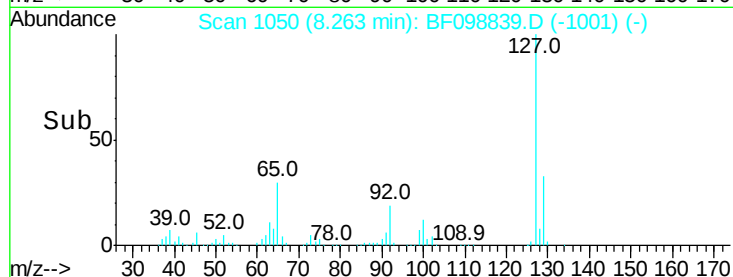
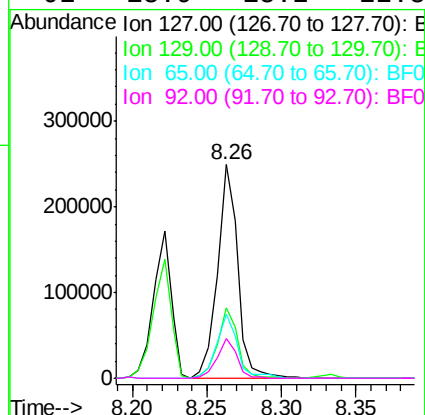
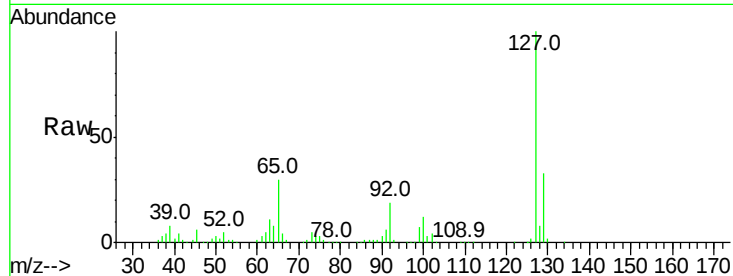
#33
4-Chloroaniline
Concen: 21.346 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	30.1	25.0	37.4		
92	18.9	15.2	22.8		

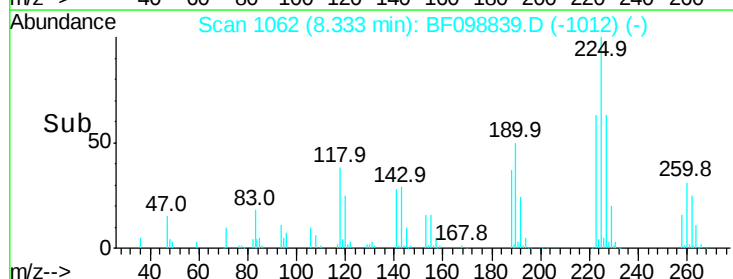
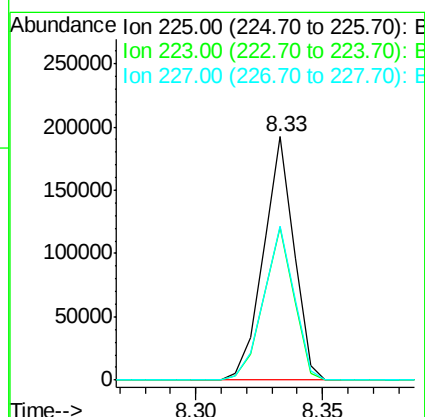
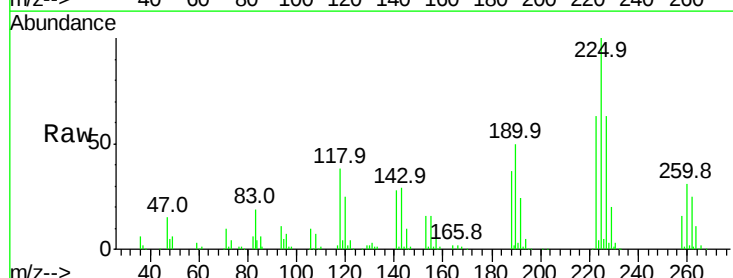
Manual Integrations
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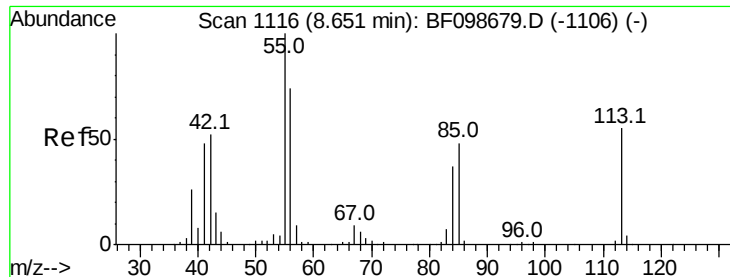
Sohil
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#34
Hexachlorobutadiene
Concen: 39.855 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.6	76.0		
227	63.2	51.9	77.9		





#35

Caprolactam

Concen: 42.700 ng/mL

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

ClientSampleID :

PB102610BSD

Tot Ion:113 Resp: 106628

Ion Ratio Lower Upper

113 100

55 181.8 163.3 203.3

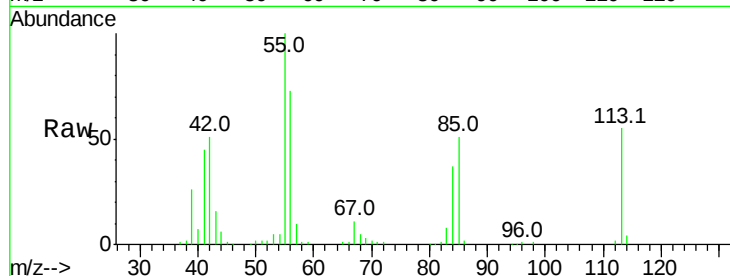
56 131.9 115.7 155.7

Manual Integrations

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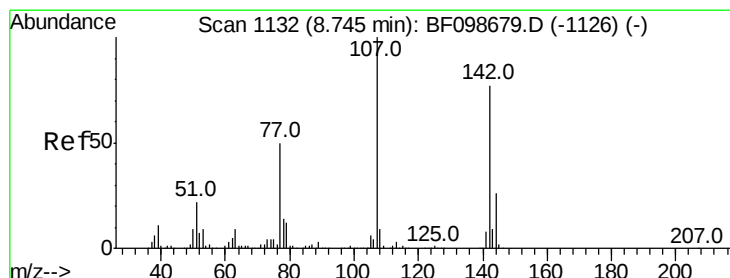
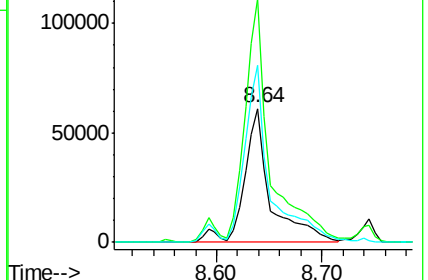
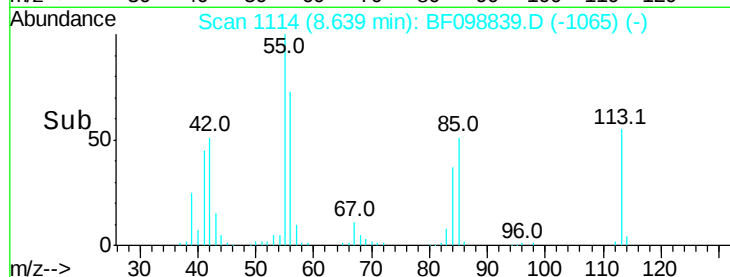
9/27/2017 12:45:01 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.263 ng/mL

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

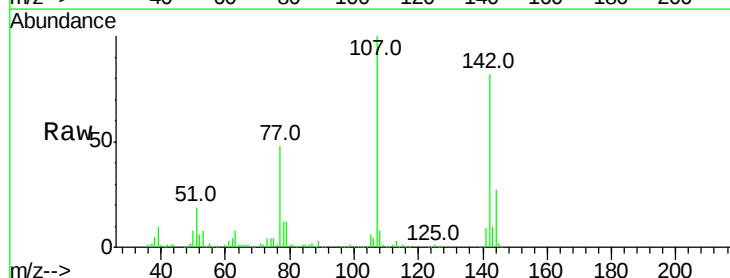
Tgt Ion:107 Resp: 343550

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

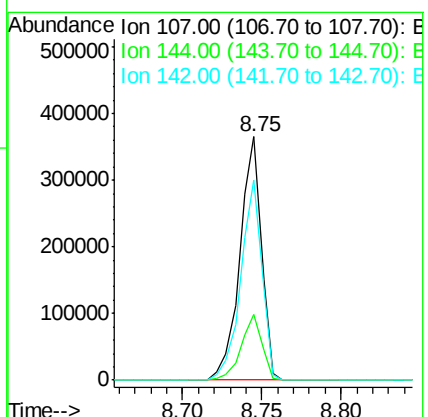
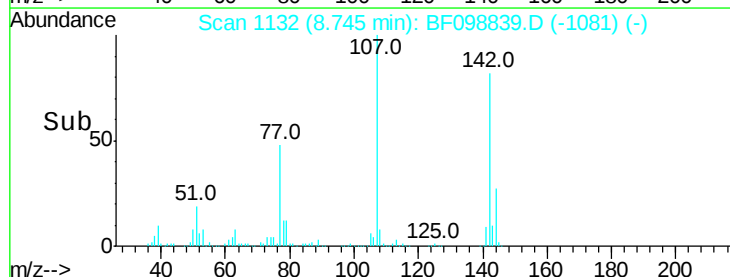
142 82.3 62.0 93.0

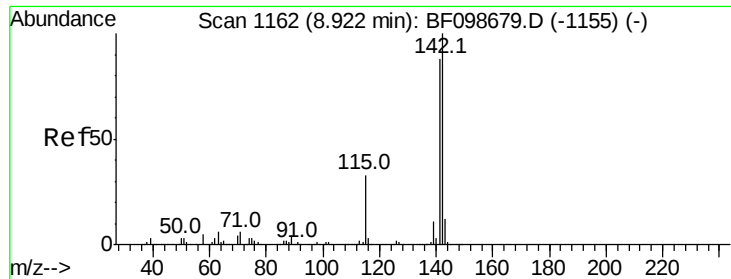


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.252 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

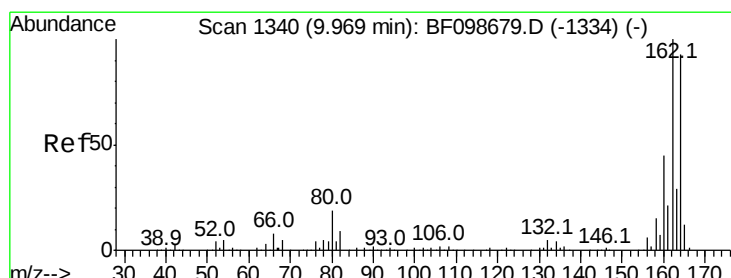
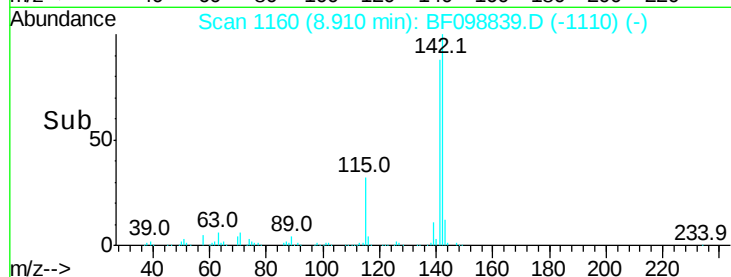
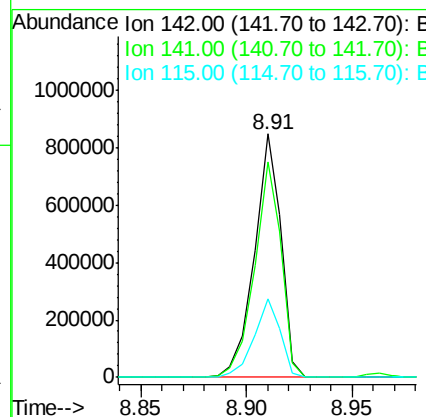
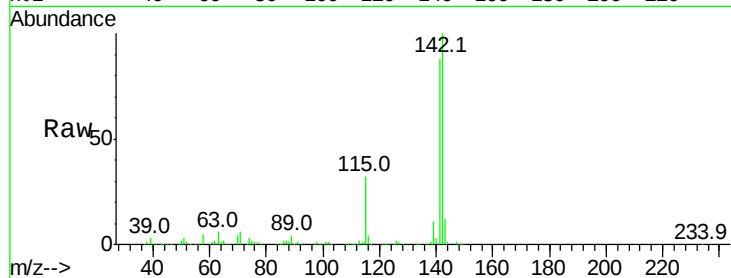
Instrument :
BNA_F

ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	32.1	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

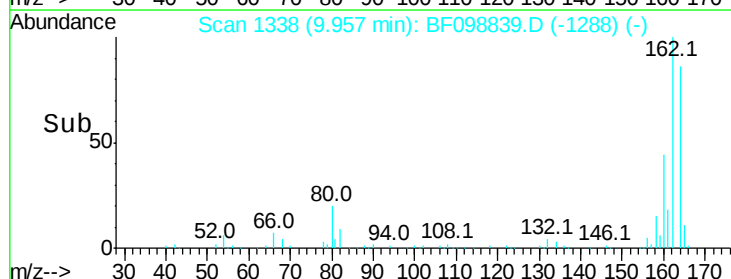
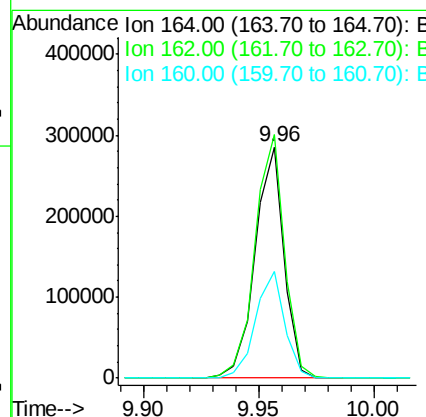
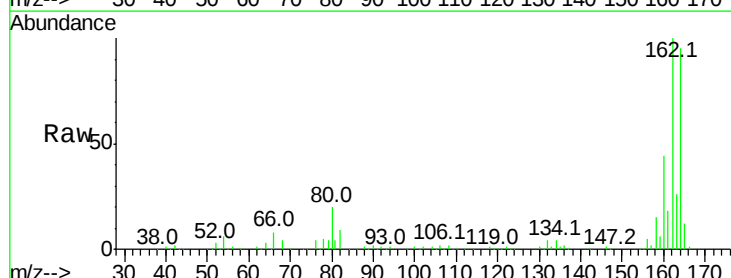
RT: 9.96 min Scan# 1338

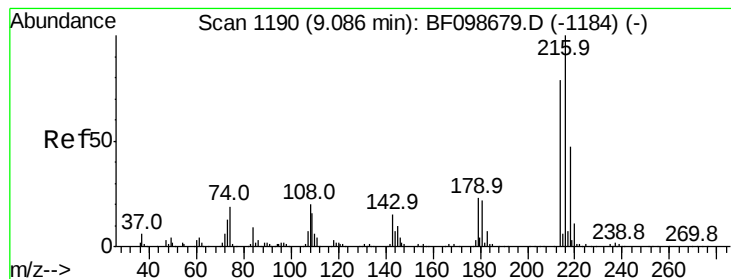
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.155 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

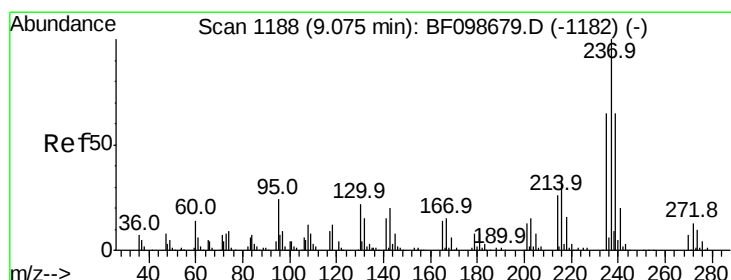
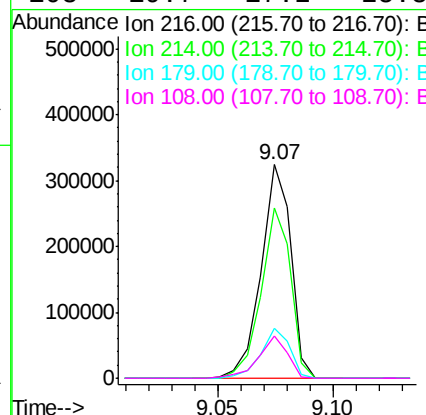
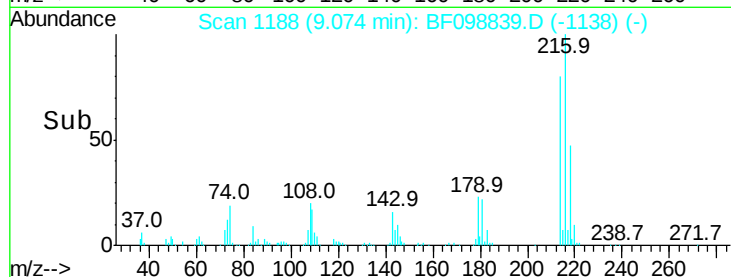
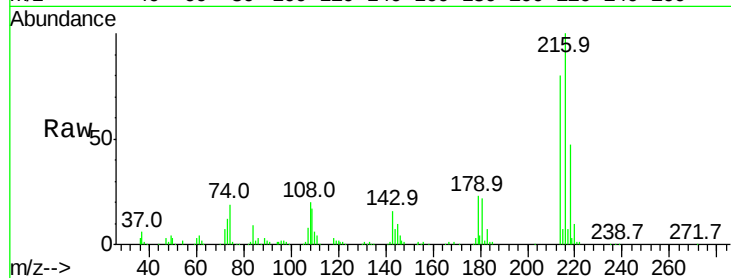
ClientSampleId :

PB102610BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.5	18.1	27.1
108	19.7	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 21.069 ng

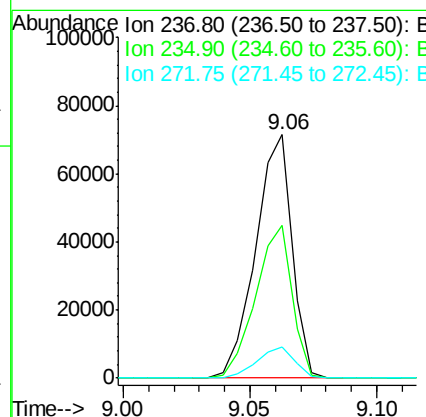
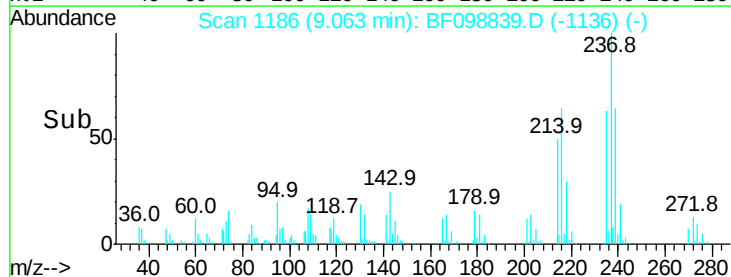
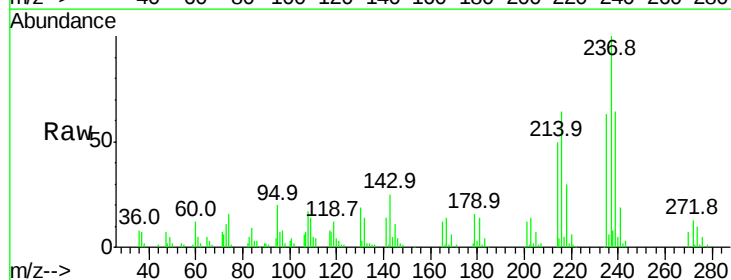
RT: 9.06 min Scan# 1186

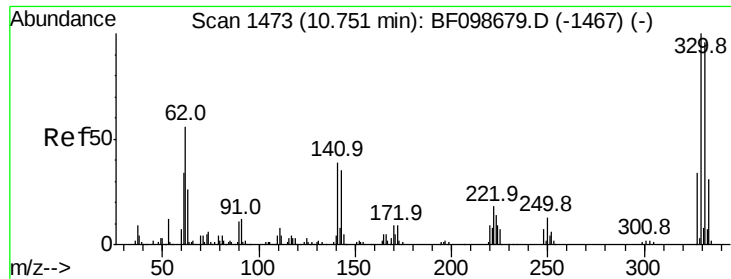
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	44.8	84.8
272	12.9	0.0	33.3





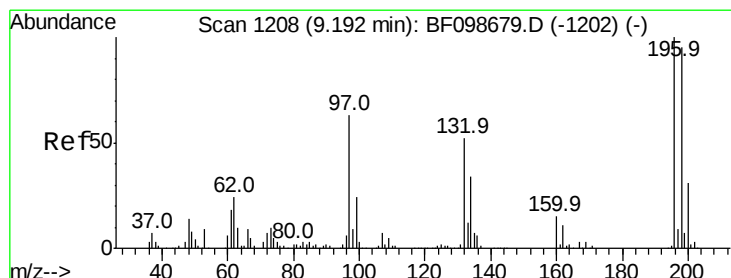
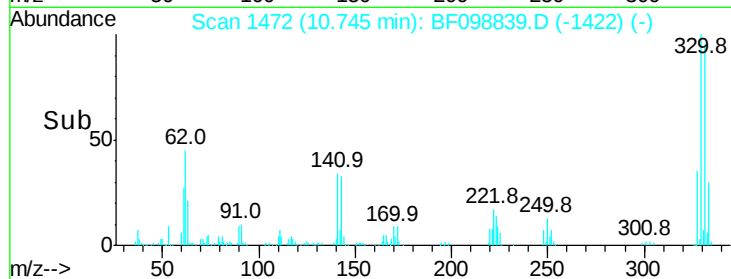
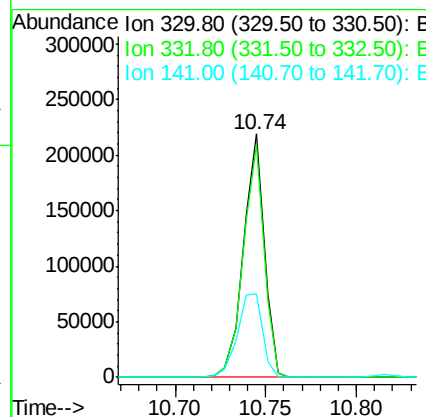
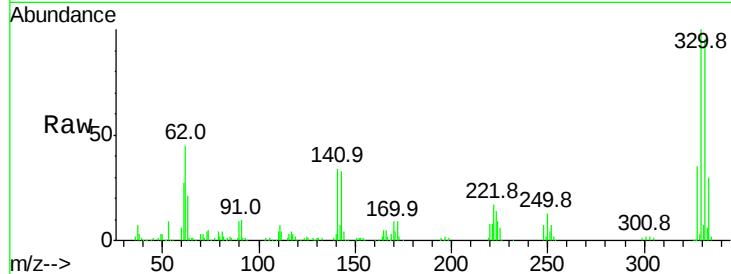
#41
 2,4,6-Tribromophenol
 Concen: 86.196 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176454		
332	95.5	77.0	115.6	
141	41.2	29.9	44.9	

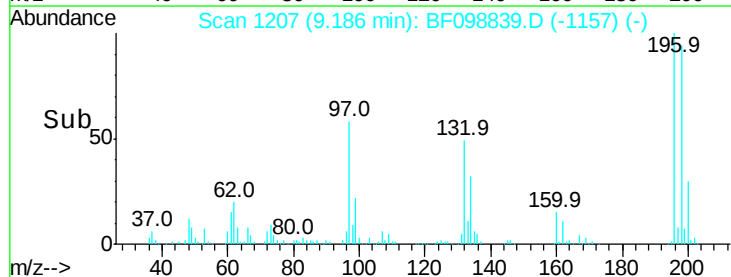
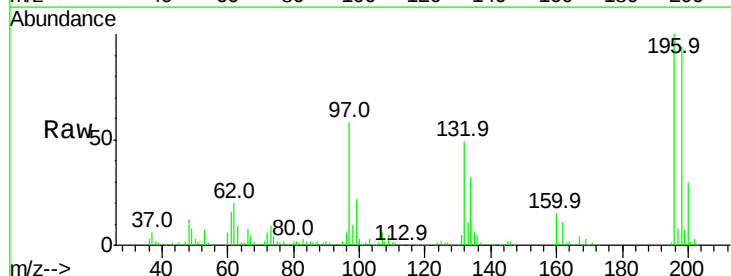
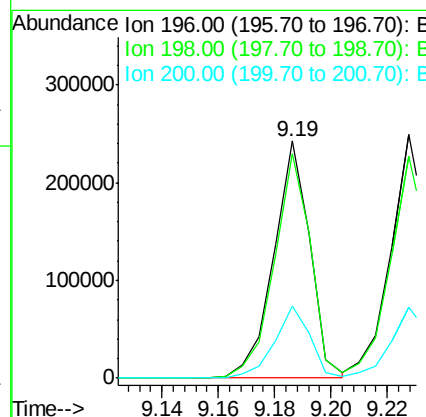
Manual Integrations
 APPROVED

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 9/27/2017 12:45:01 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.771 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215500		
198	94.4	75.7	113.5	
200	30.3	24.5	36.7	





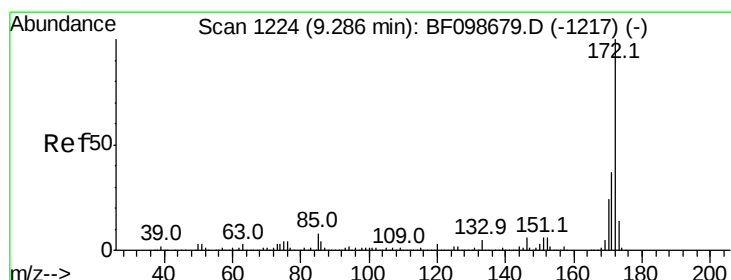
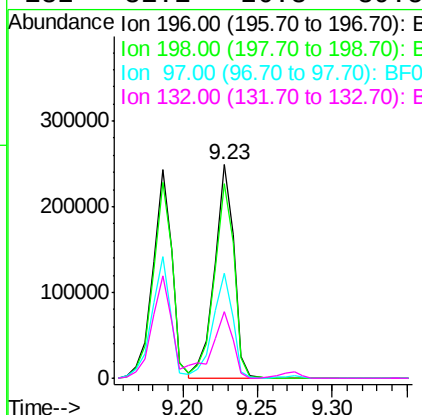
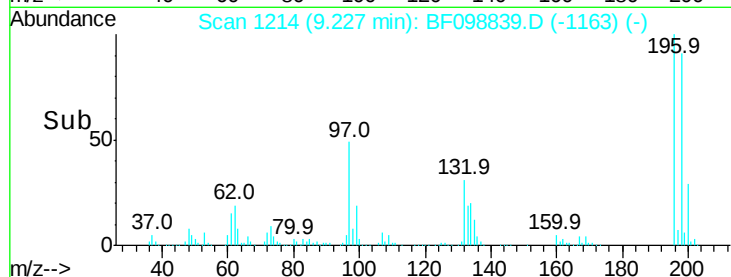
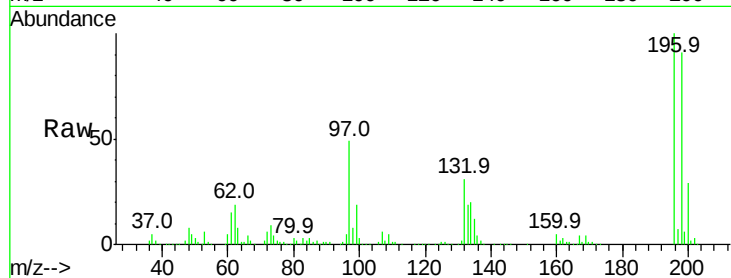
#43
 2,4,5-Trichlorophenol
 Concen: 42.853 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion:	196	Resp:	226108
Ion Ratio	Lower	Upper	
196	100		
198	91.1	74.6	112.0
97	49.4	42.9	64.3
132	31.1	26.3	39.5

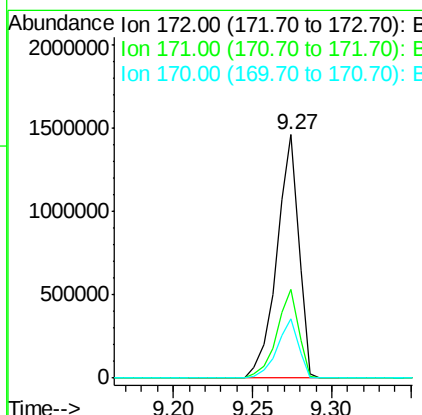
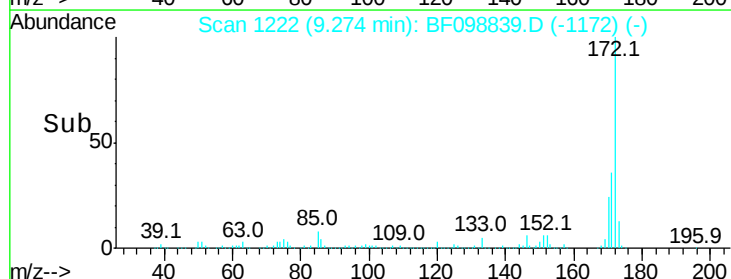
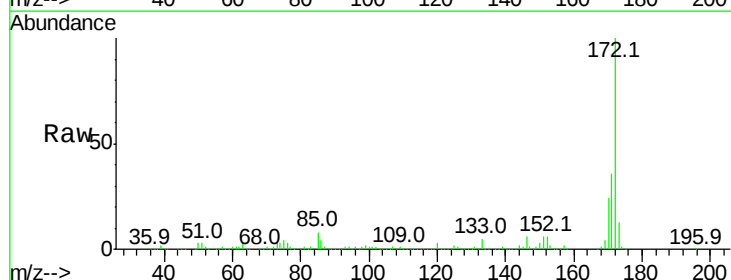
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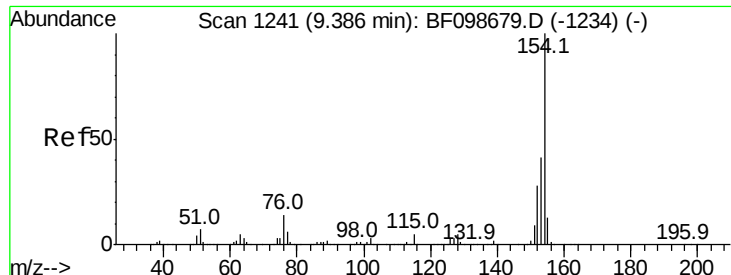
Sohil
 9/27/2017 12:45:01 PM



#44
 2-Fluorobiphenyl
 Concen: 93.382 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion:	172	Resp:	1399408
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.483 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

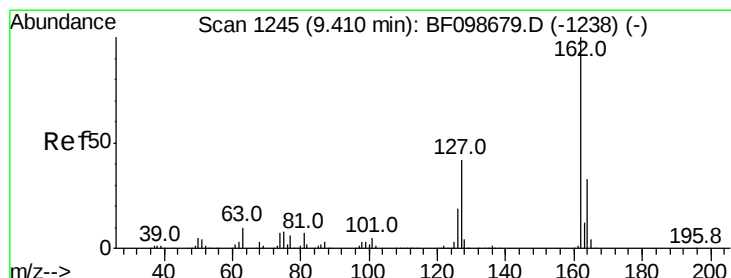
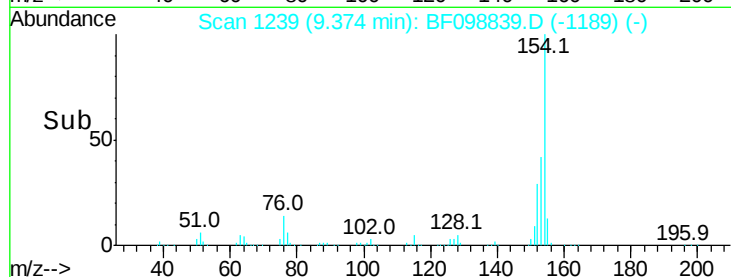
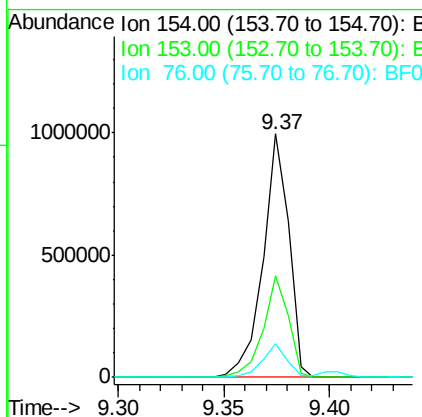
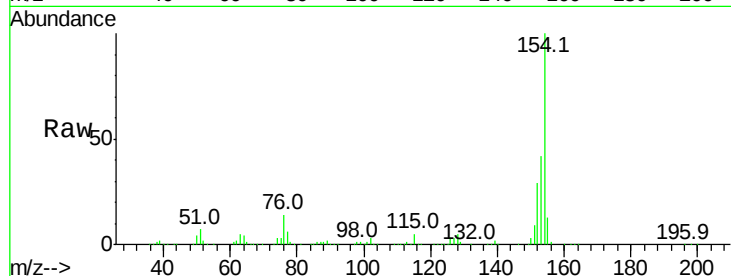
ClientSampleId :

PB102610BSD

Tot Ion:	154	Resp:	848939
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.3	61.3
76	13.9	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 41.383 ng

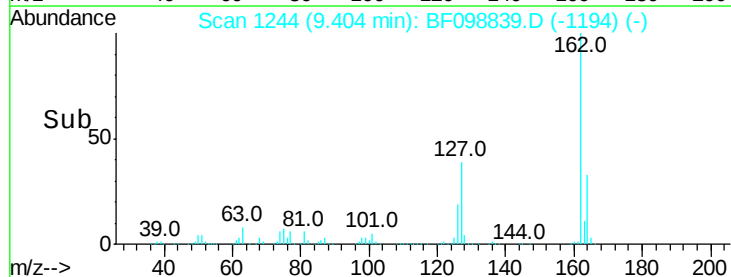
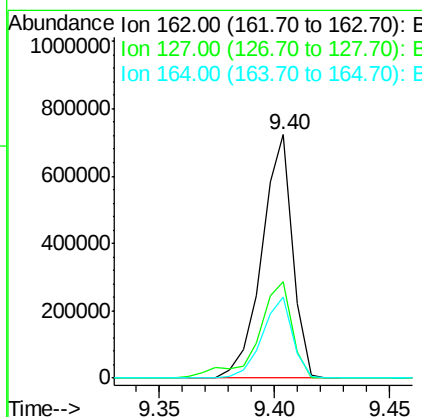
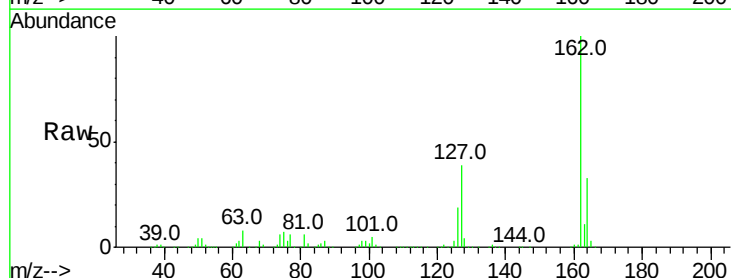
RT: 9.40 min Scan# 1244

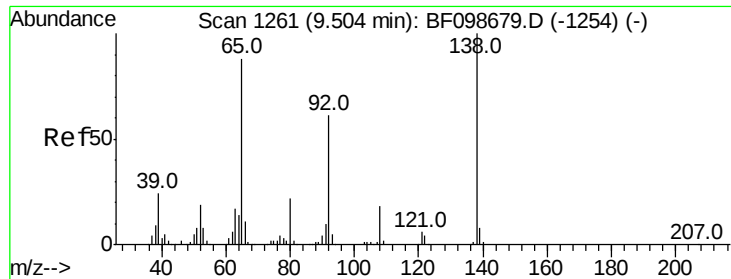
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	162	Resp:	668070
Ion Ratio	Lower	Upper	
162	100		
127	39.5	33.9	50.9
164	33.4	26.5	39.7





#47

2-Nitroaniline

Concen: 43.123 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

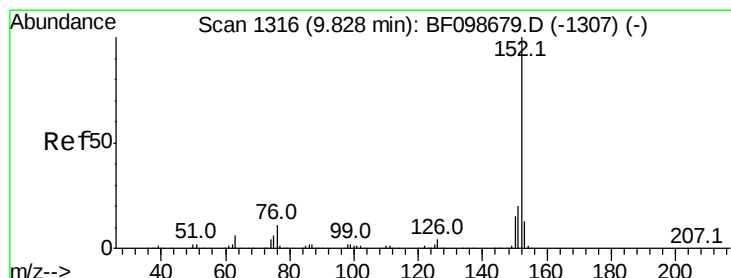
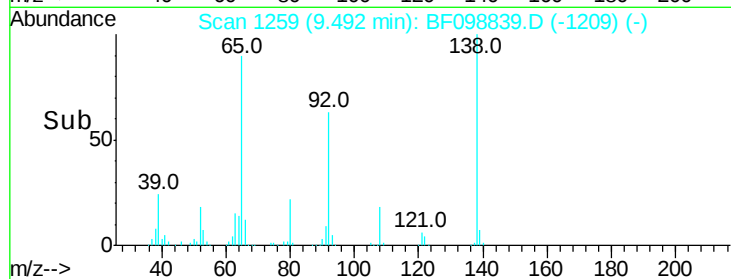
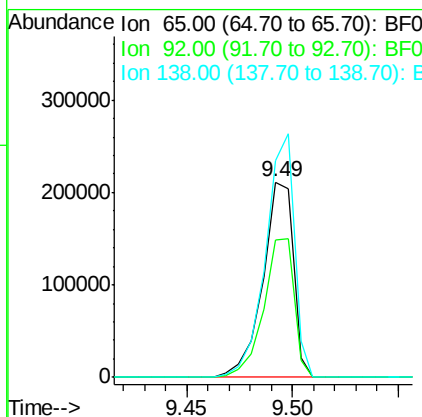
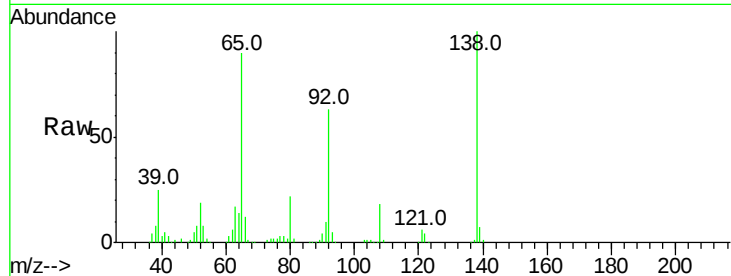
ClientSampleId :

PB102610BSD

Tot Ion:	65	Resp:	213163
Ion Ratio	Lower	Upper	
65	100		
92	70.0	55.8	83.6
138	110.7	91.2	136.8

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#48

Acenaphthylene

Concen: 41.094 ng

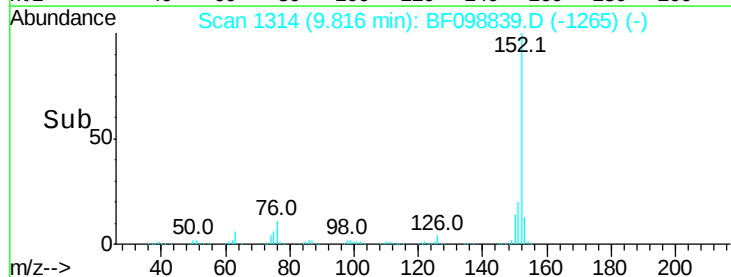
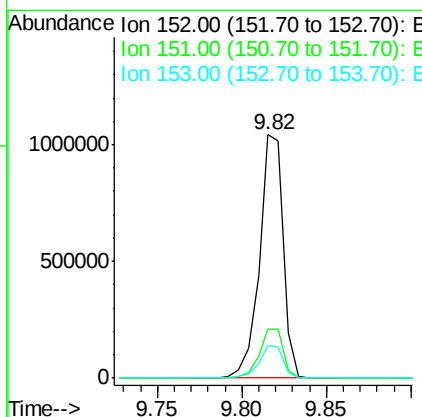
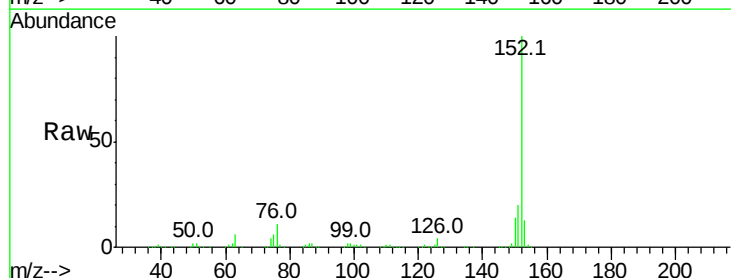
RT: 9.82 min Scan# 1314

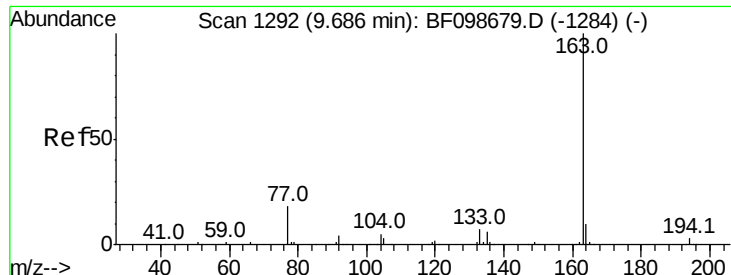
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	152	Resp:	1015556
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1





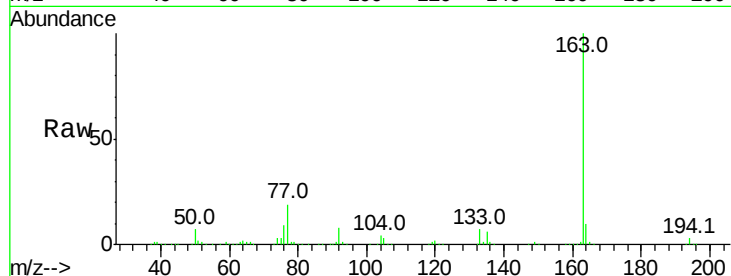
#49
Dimethylphthalate
Concen: 42.776 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleID :
PB102610BSD

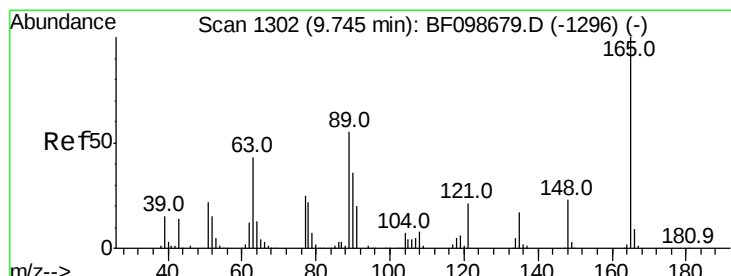
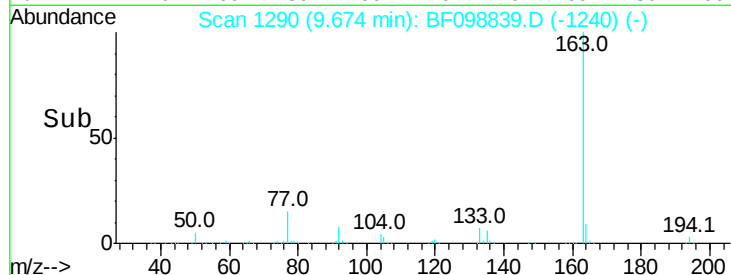
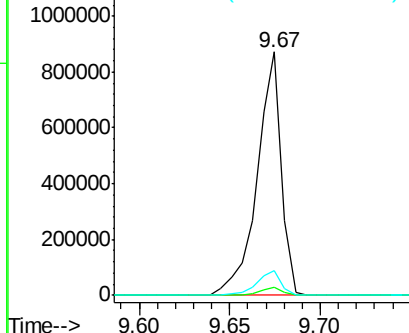
Tot Ion	Ratio	Resp	Lower	Upper
163	100	807693		
194	3.5		2.7	4.1
164	10.1		8.2	12.2

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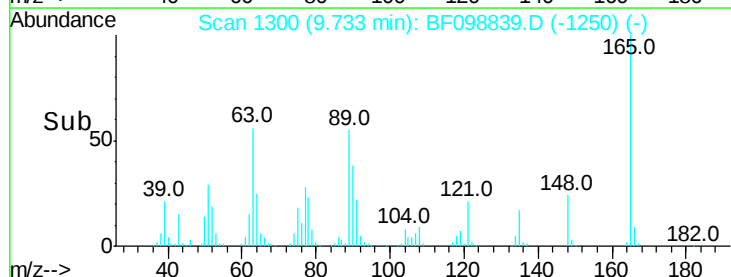
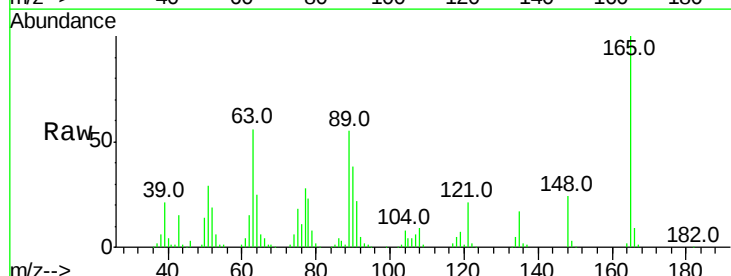
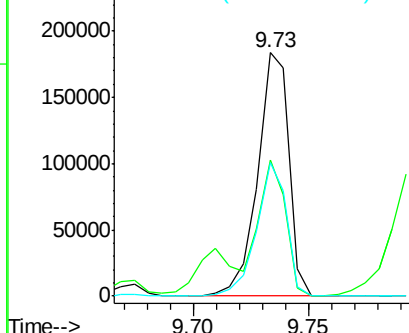
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

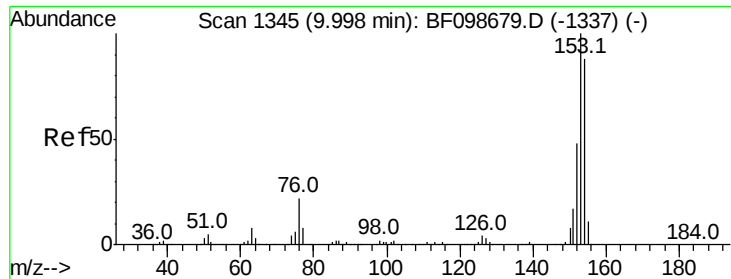


#50
2,6-Dinitrotoluene
Concen: 42.279 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173799		
63	56.0		44.7	67.1
89	54.9		44.0	66.0

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





#51

Acenaphthene

Concen: 38.335 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

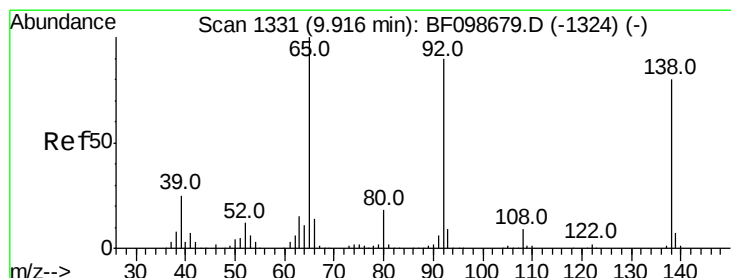
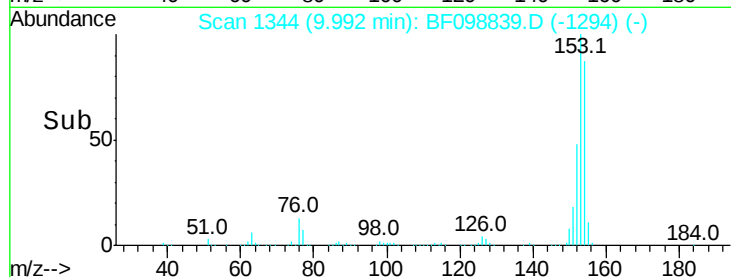
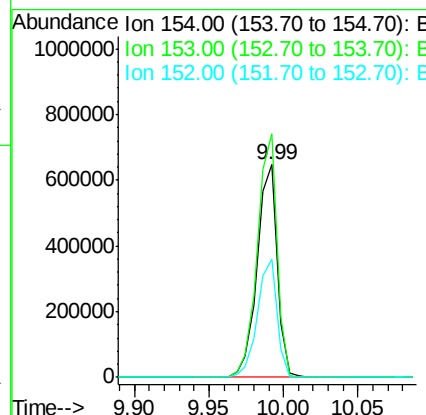
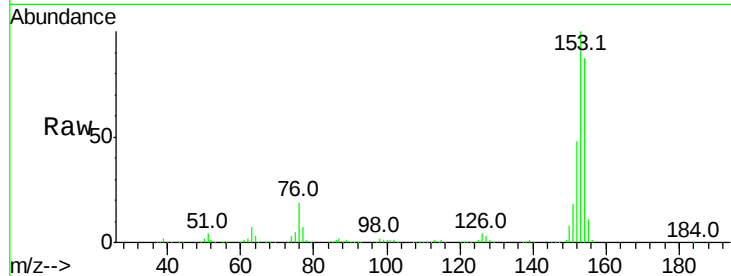
ClientSampleId :

PB102610BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 29.191 ng

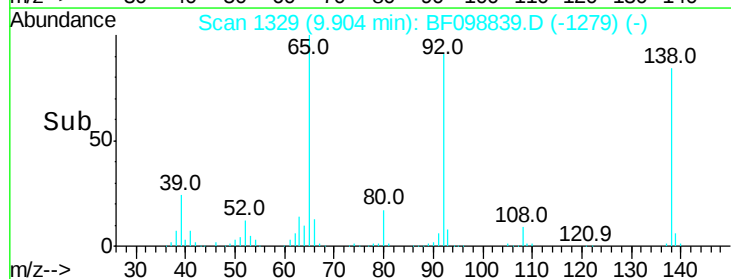
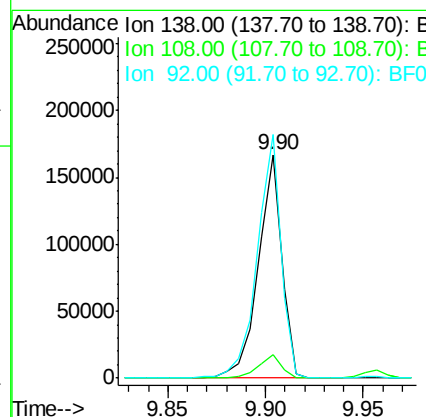
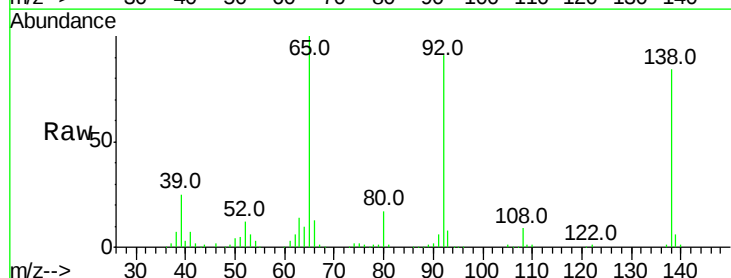
RT: 9.90 min Scan# 1329

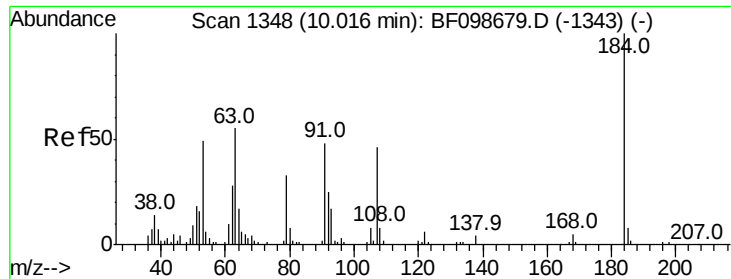
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	109.0	89.4	134.2





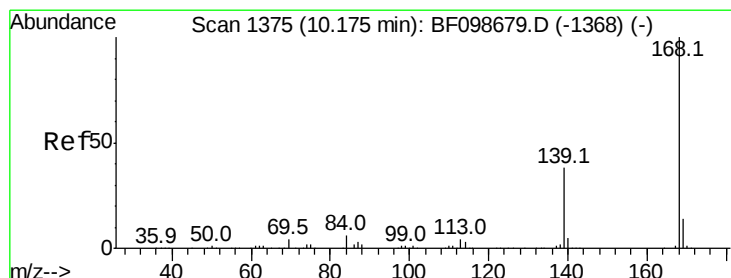
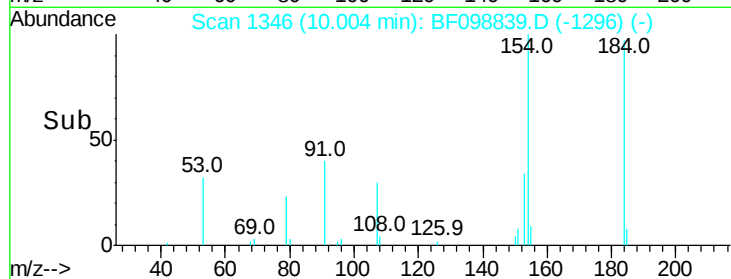
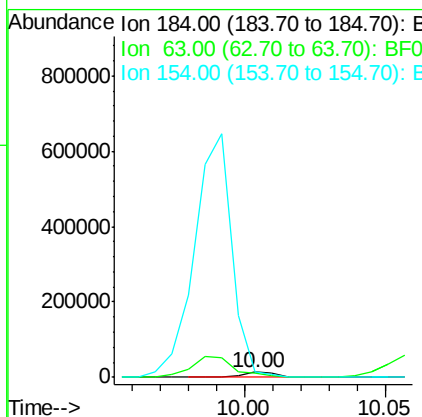
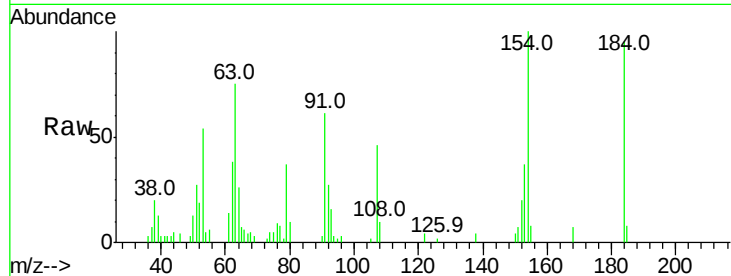
#53
2,4-Dinitrophenol
Concen: 11.230 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	79.2	54.2	81.2	
154	105.8	53.5	80.3	

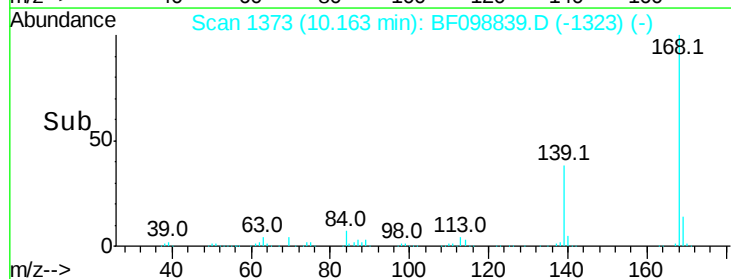
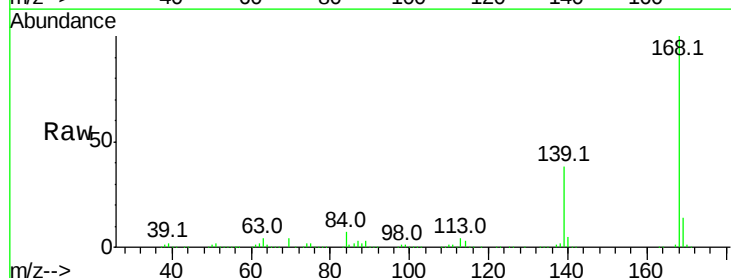
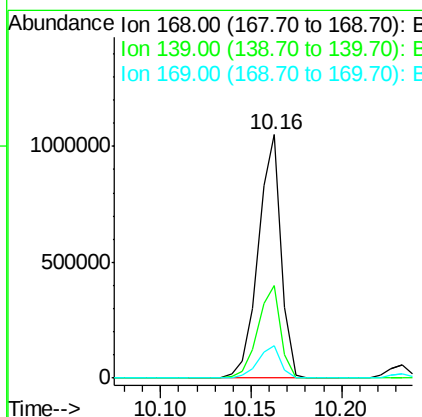
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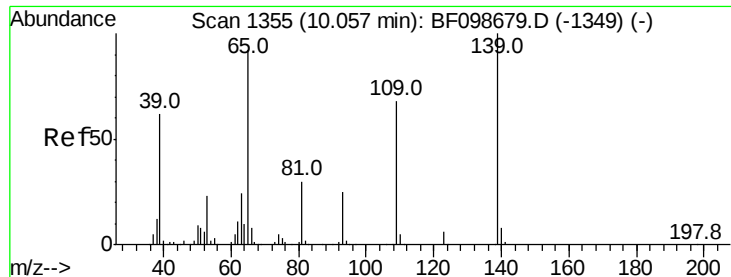
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#54
Dibenzofuran
Concen: 44.044 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	30.1	45.1	
169	13.5	10.9	16.3	





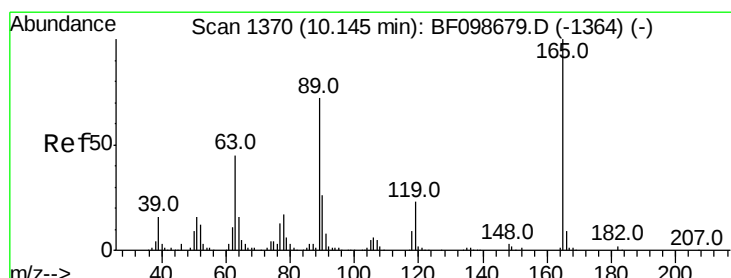
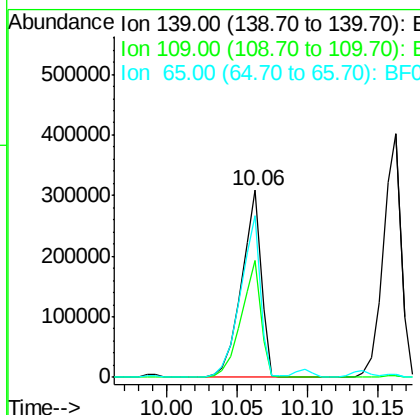
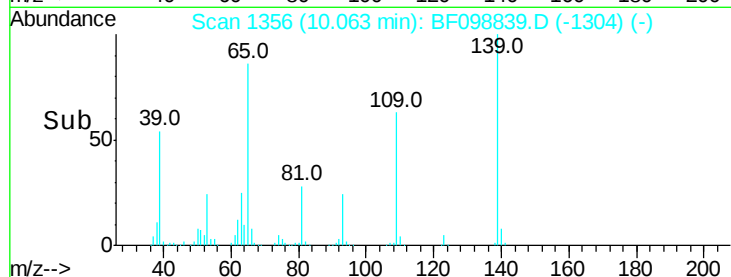
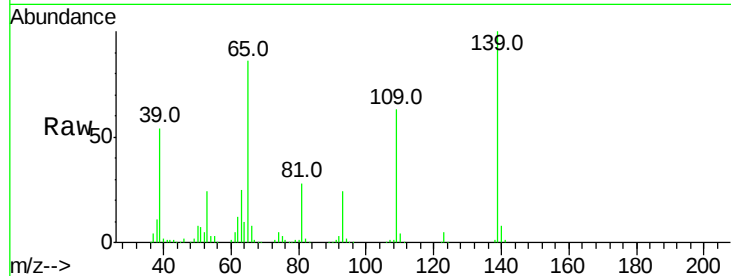
#55
4-Nitrophenol
Concen: 74.303 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	301145		
109	62.7	48.4	88.4	
65	86.3	72.6	112.6	

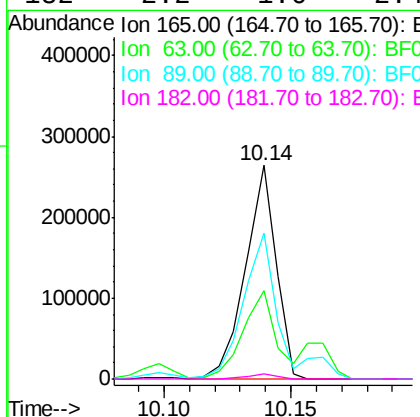
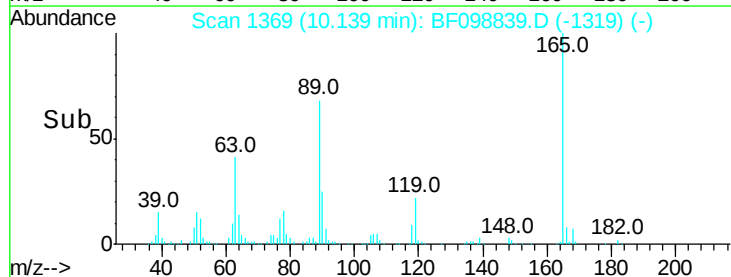
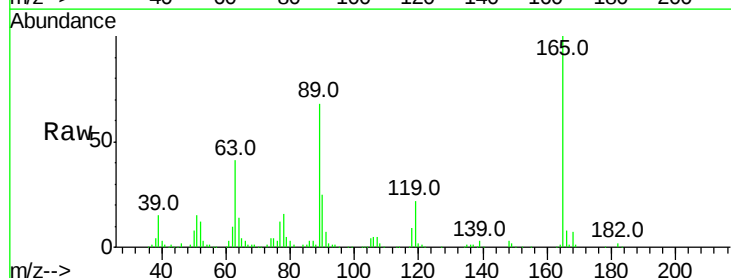
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#56
2,4-Dinitrotoluene
Concen: 41.870 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	223377		
63	41.1	36.4	54.6	
89	68.4	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 41.244 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

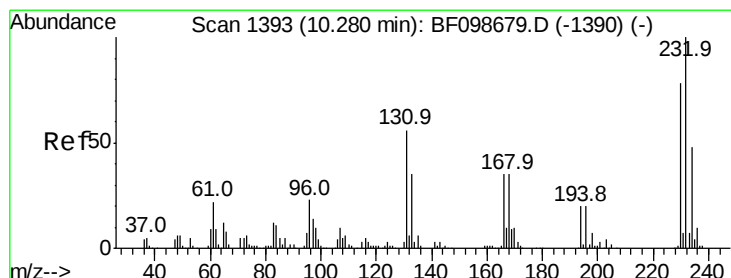
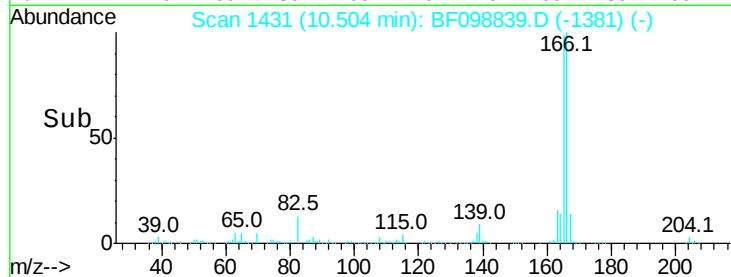
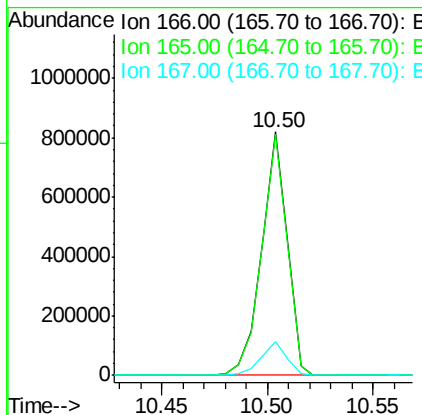
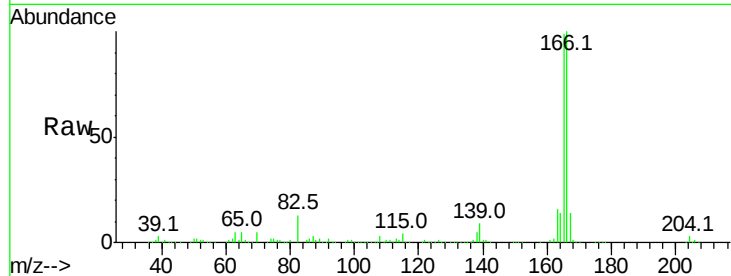
ClientSampleId :

PB102610BSD

Tot Ion:	166	Resp:	690961
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.8	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.518 ng

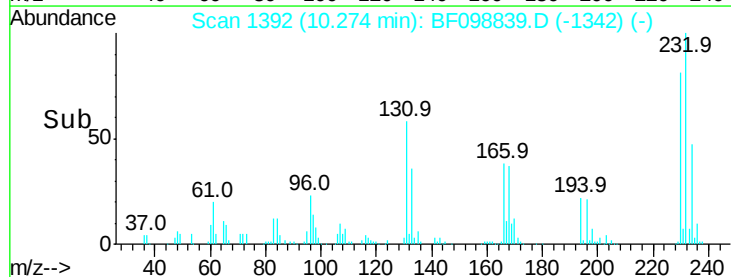
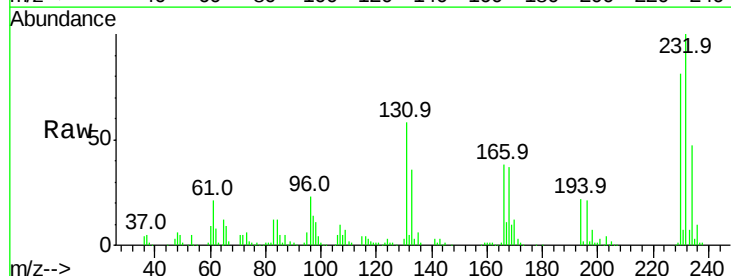
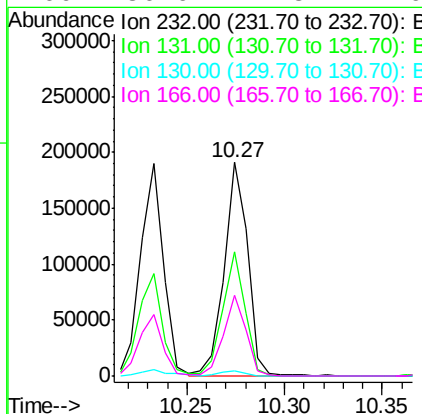
RT: 10.27 min Scan# 1392

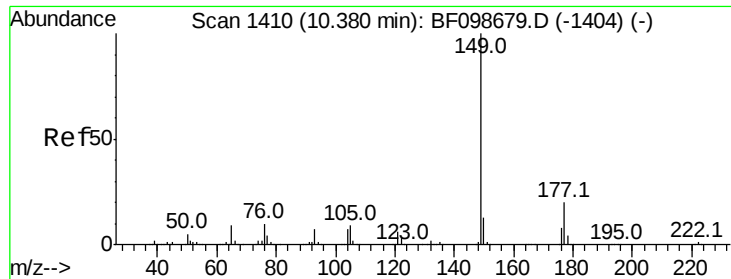
Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	232	Resp:	158617
Ion Ratio	Lower	Upper	
232	100		
131	56.2	43.8	65.8
130	2.6	2.1	3.1
166	36.6	27.8	41.6





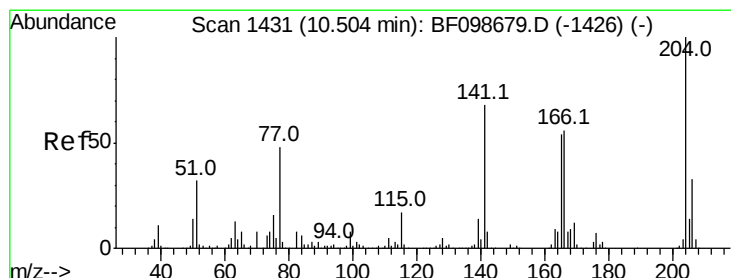
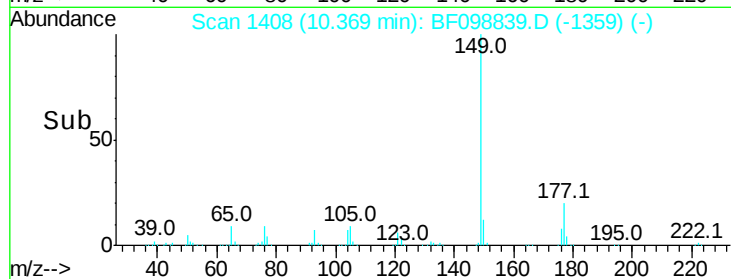
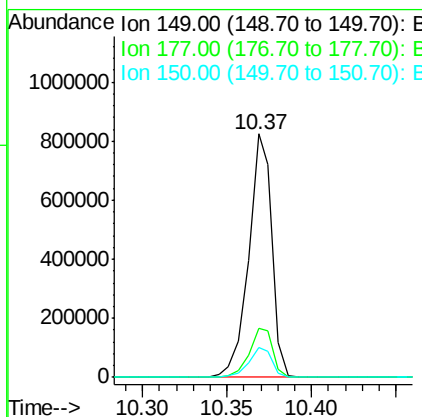
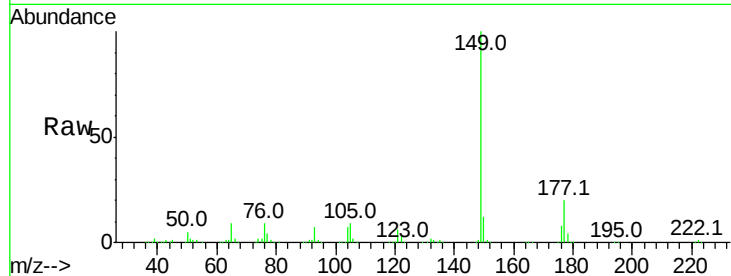
#59
Diethylphthalate
Concen: 42.782 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampled :
PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	789345		
177	20.3		16.1	24.1
150	12.5		10.1	15.1

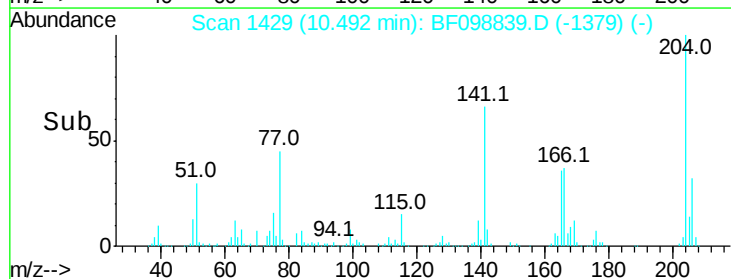
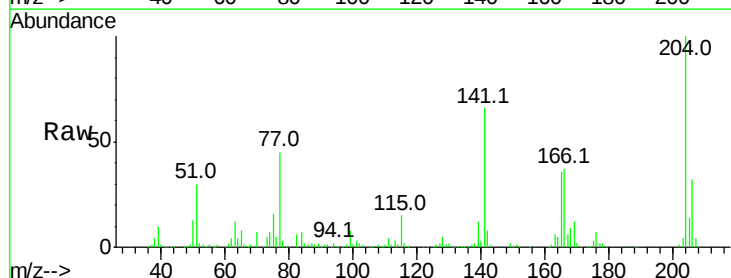
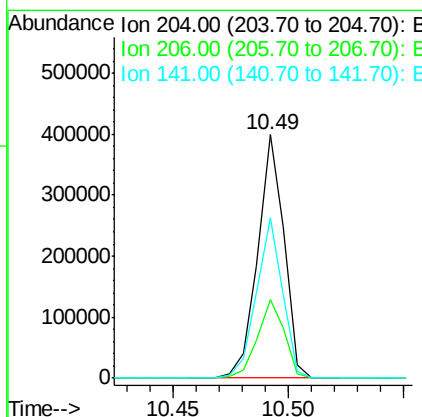
Manual Integrations
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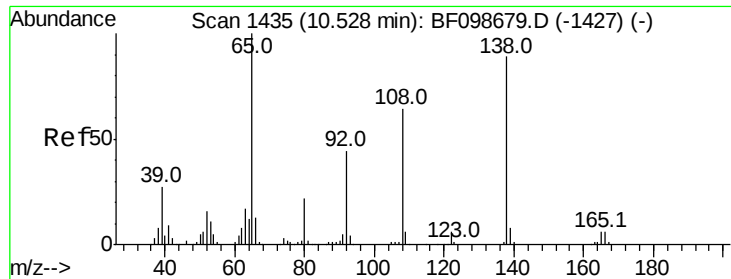
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.328 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	318536		
206	32.2		26.5	39.7
141	65.9		54.6	81.8





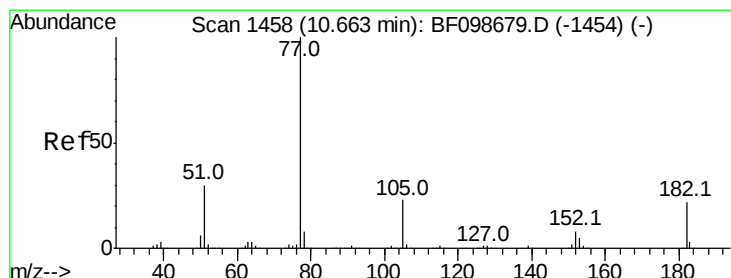
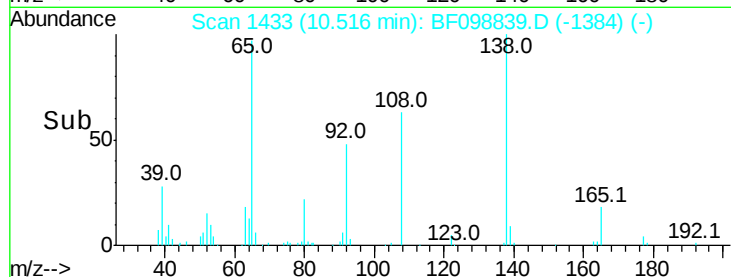
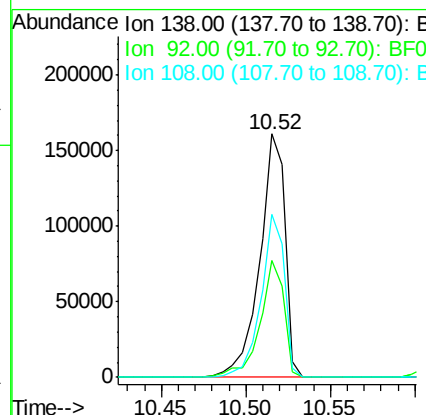
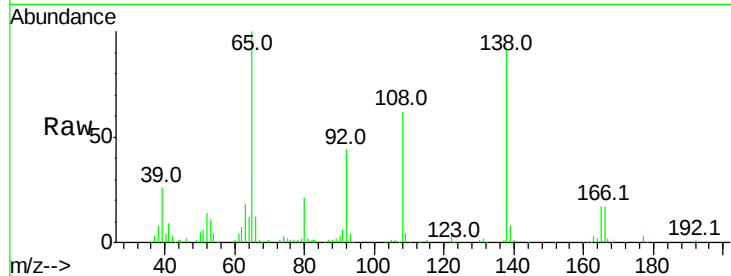
#61
4-Nitroaniline
Concen: 36.335 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	168021		
92	47.9	30.2	70.2	
108	66.8	52.5	92.5	

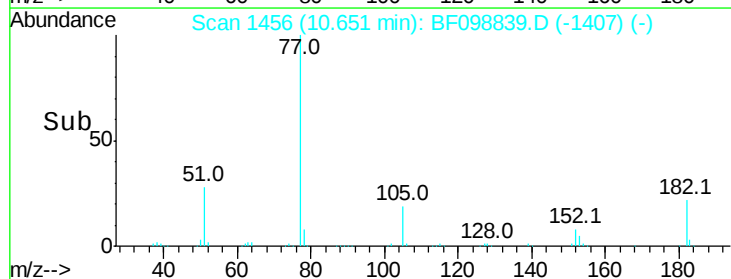
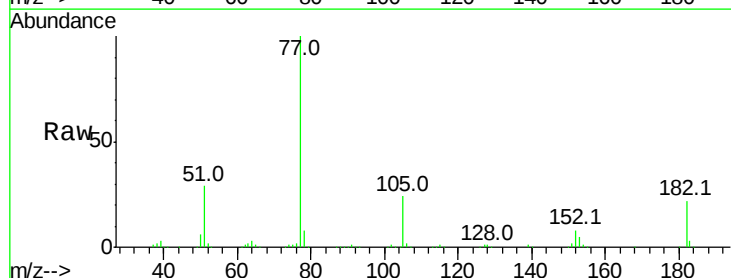
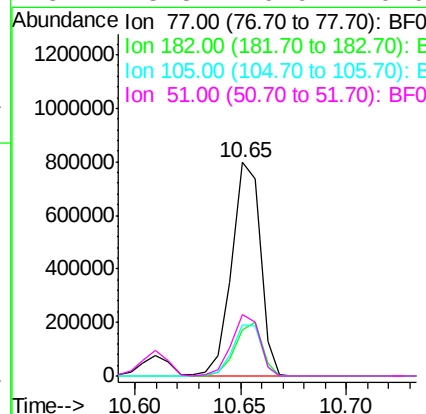
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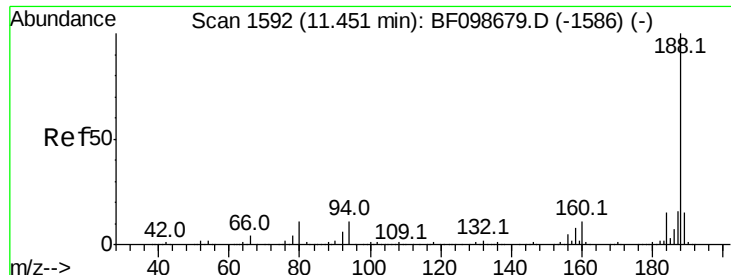
Sohil
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#62
Azobenzene
Concen: 43.868 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	744200		
182	21.9	1.7	41.7	
105	23.7	3.0	43.0	
51	28.8	9.9	49.9	





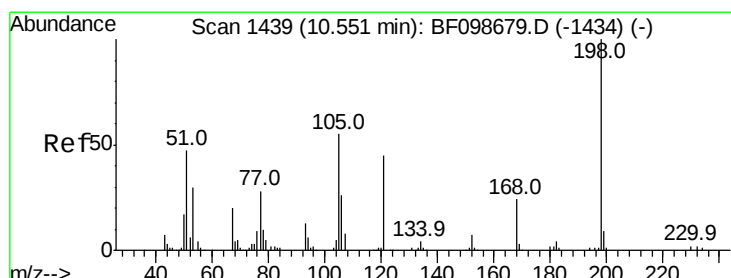
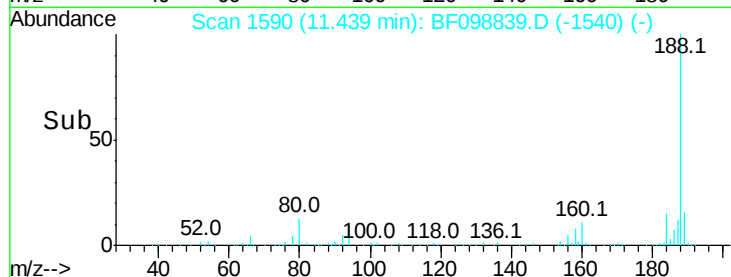
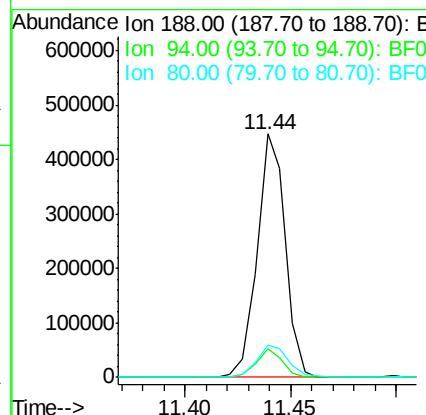
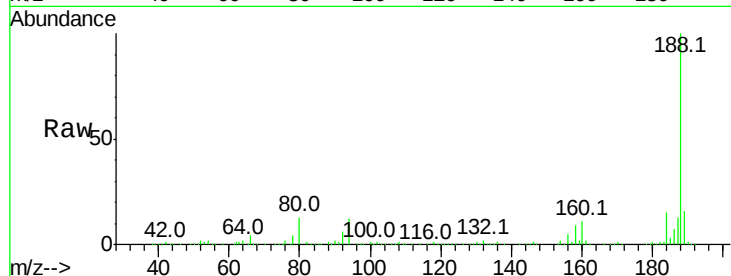
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	412010		
94	11.7	8.5	12.7	
80	13.4	9.2	13.8	

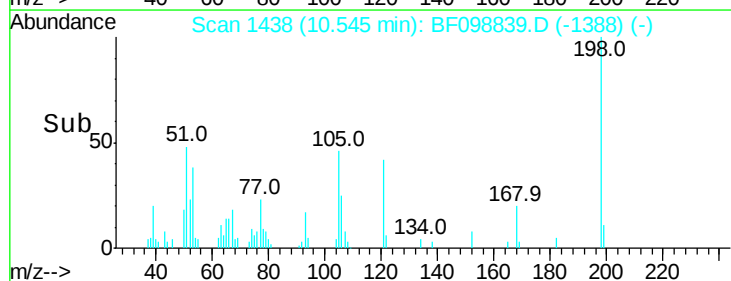
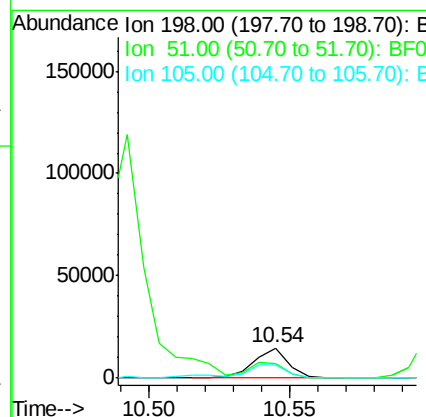
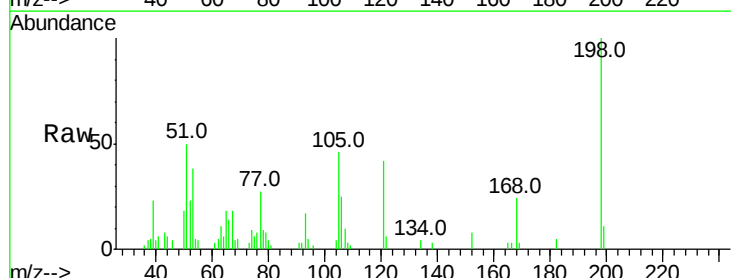
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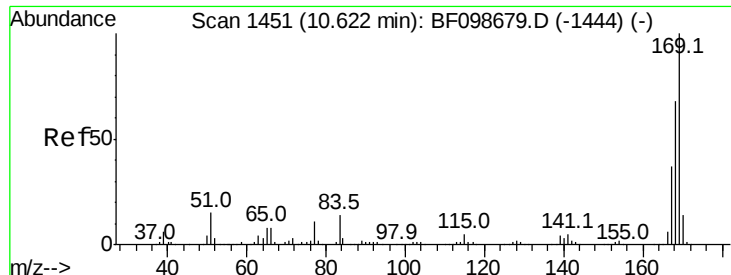
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.957 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	12426		
51	50.0	37.7	77.7	
105	45.8	36.3	76.3	





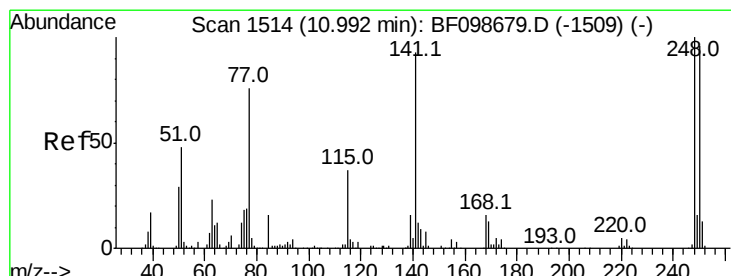
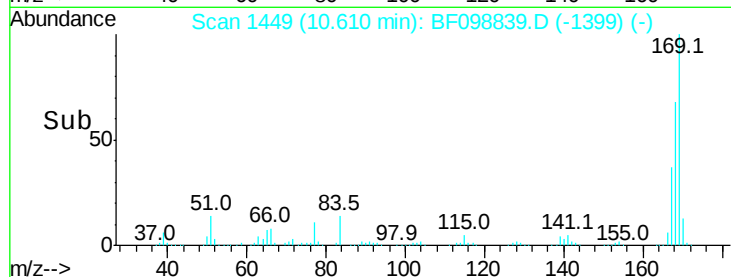
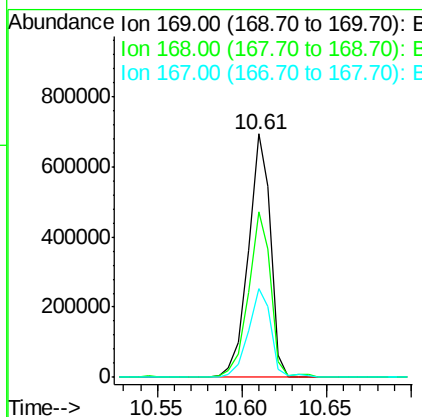
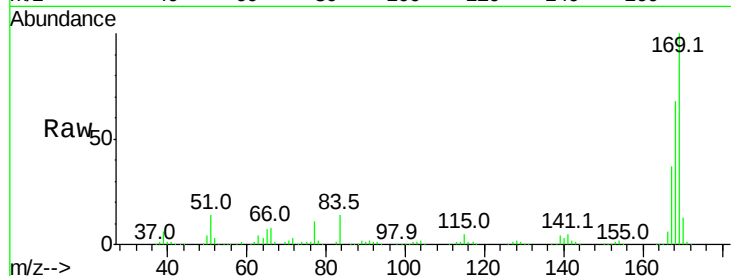
#65
 n-Nitrosodiphenylamine
 Concen: 44.728 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	638420		
168	68.0		54.4	81.6
167	36.7		29.8	44.6

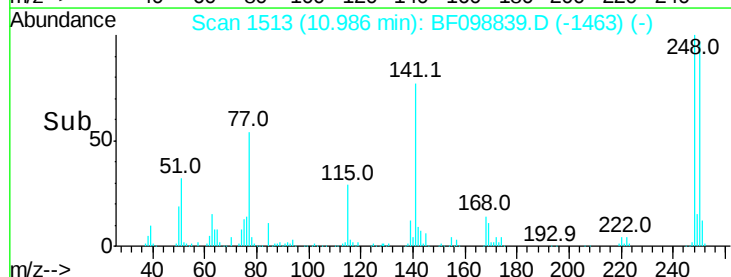
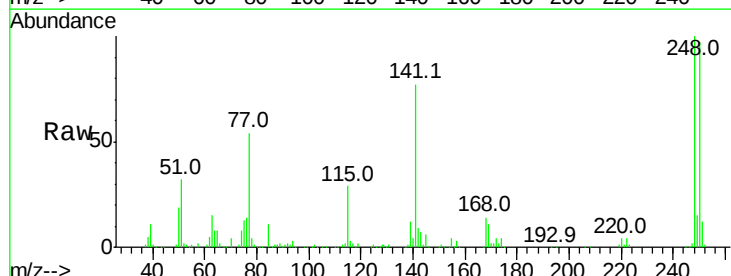
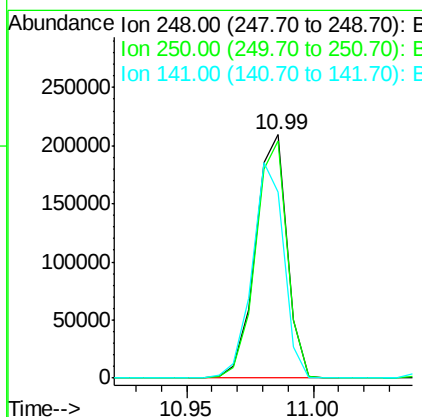
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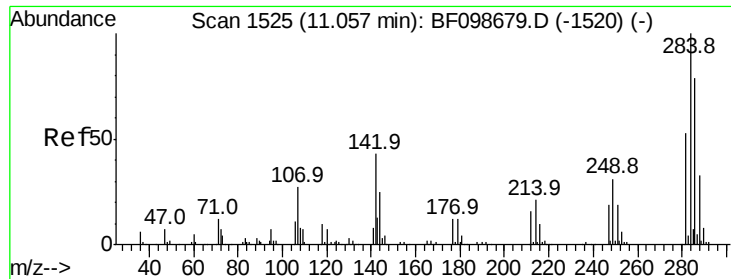
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 45.341 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	182856		
250	97.5		76.9	115.3
141	76.6		74.4	111.6





#67

Hexachlorobenzene

Concen: 41.571 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

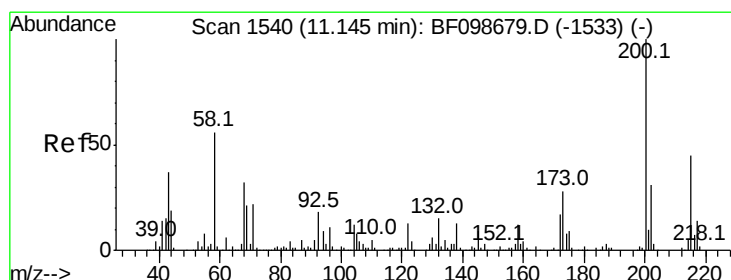
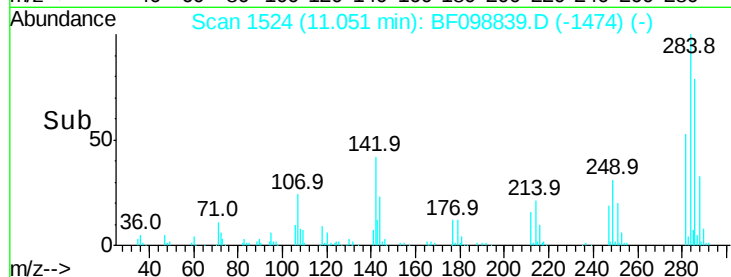
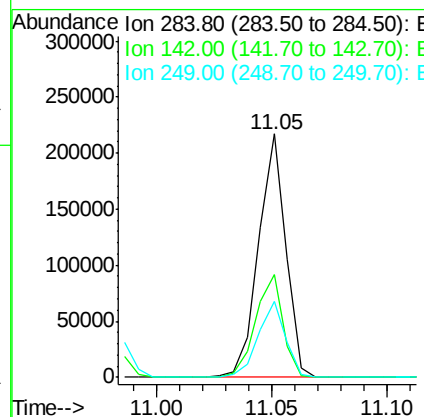
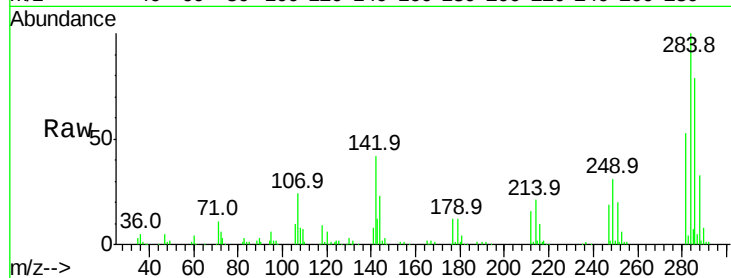
ClientSampleId :

PB102610BSD

Tot Ion:	284	Resp:	179059
Ion Ratio	Lower	Upper	
284	100		
142	42.0	34.6	52.0
249	31.4	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 44.528 ng

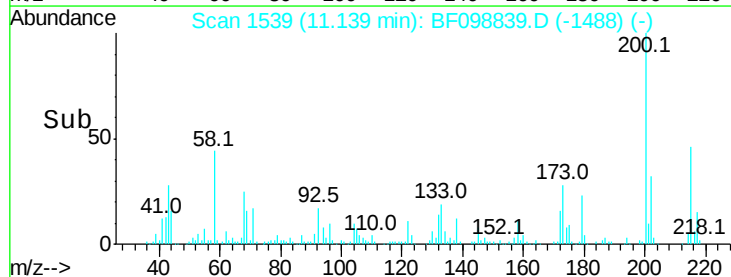
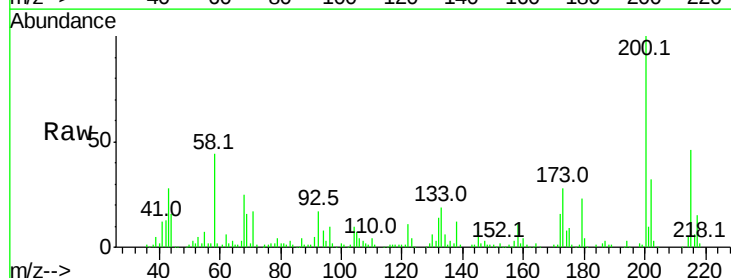
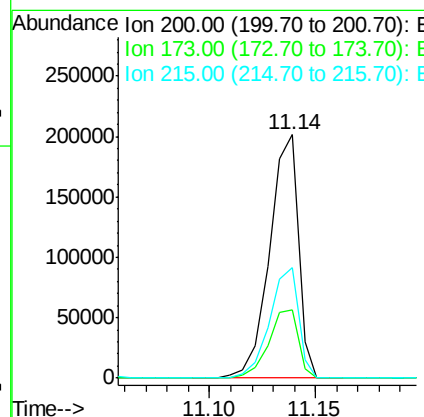
RT: 11.14 min Scan# 1539

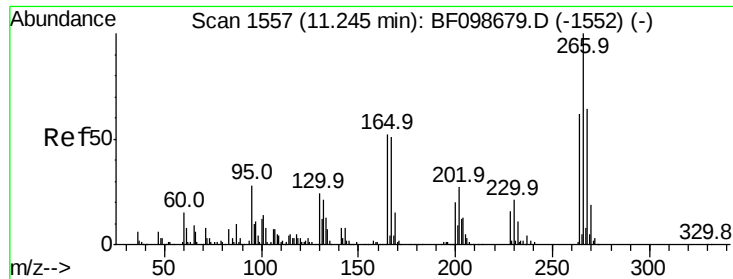
Delta R.T. -0.00 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion:	200	Resp:	191222
Ion Ratio	Lower	Upper	
200	100		
173	28.3	8.6	48.6
215	45.6	25.1	65.1





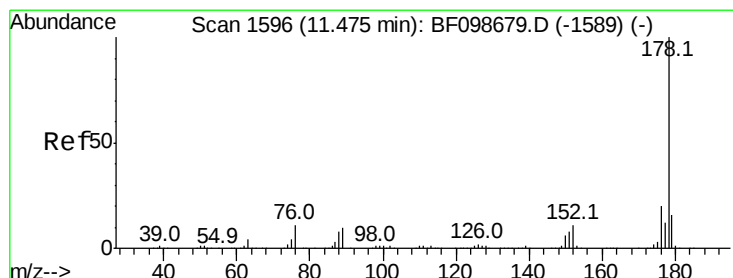
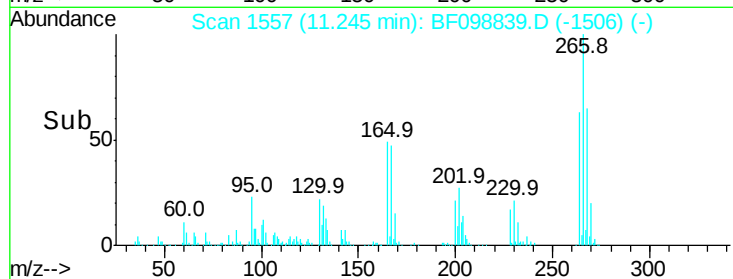
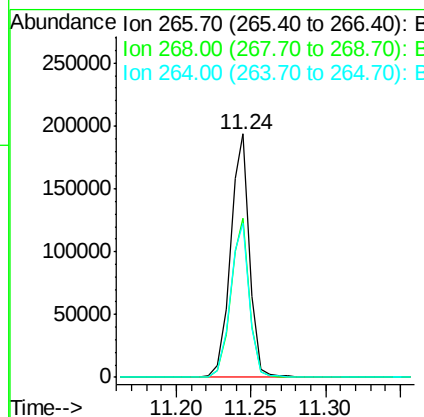
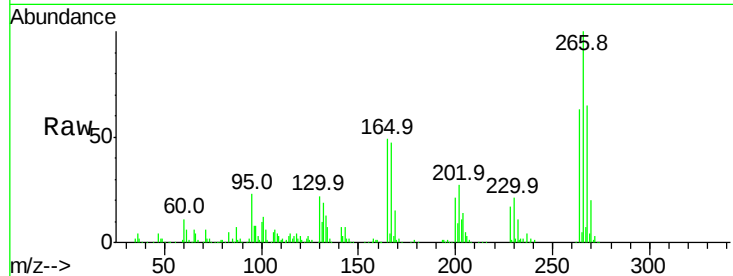
#69
 Pentachlorophenol
 Concen: 65.374 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleID :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	175249		
268	65.3		51.1	76.7
264	63.4		49.5	74.3

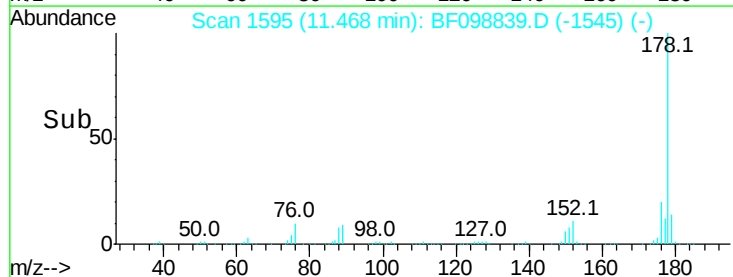
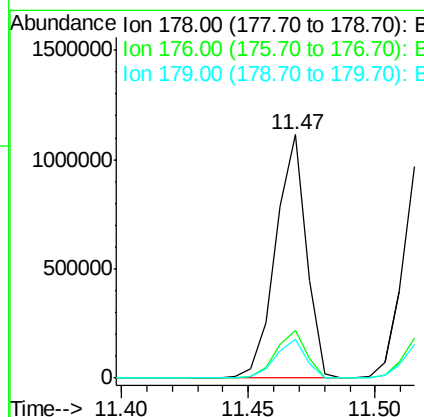
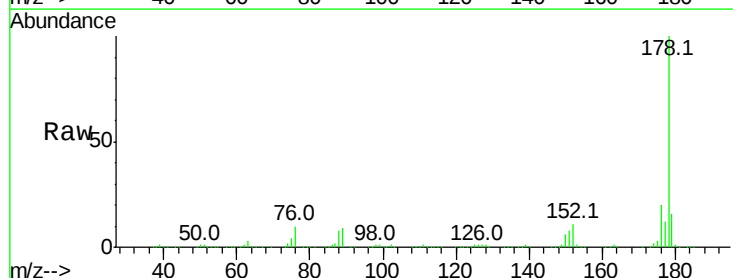
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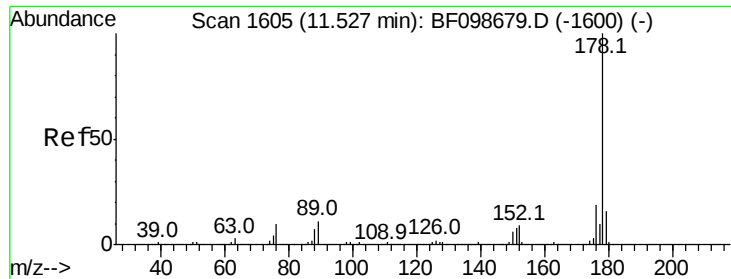
Sohil
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#70
 Phenanthrene
 Concen: 42.818 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	944304		
176	19.8		15.8	23.8
179	15.8		13.0	19.6





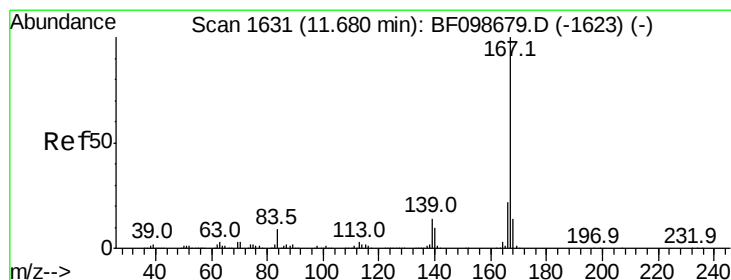
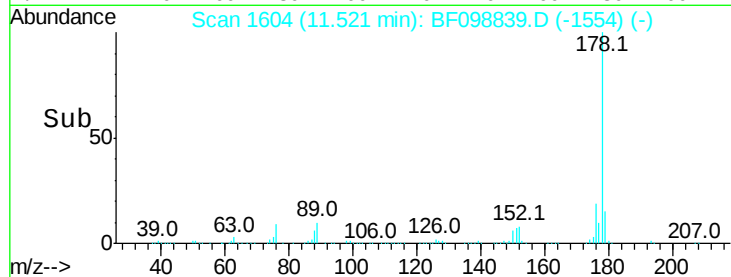
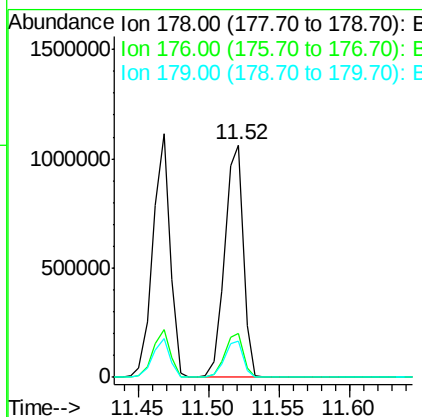
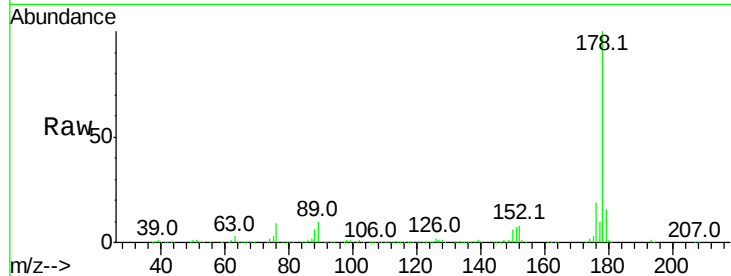
#71
 Anthracene
 Concen: 43.263 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.6	19.0

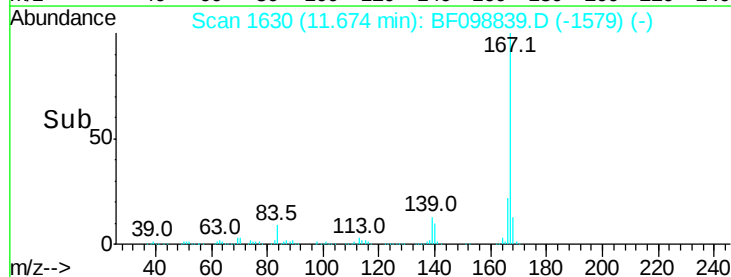
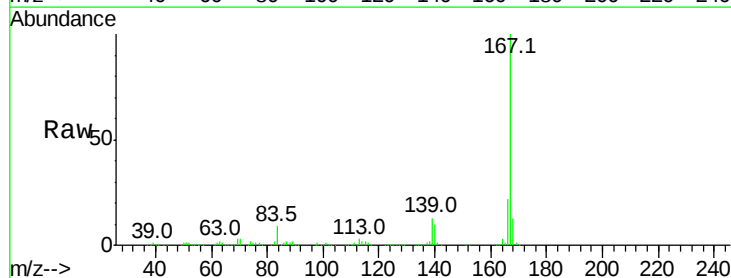
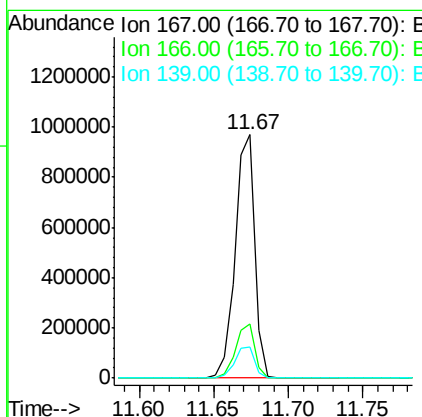
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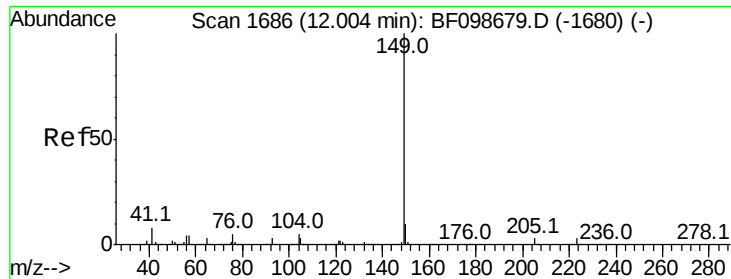
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#72
 Carbazole
 Concen: 40.432 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.9	10.9	16.3





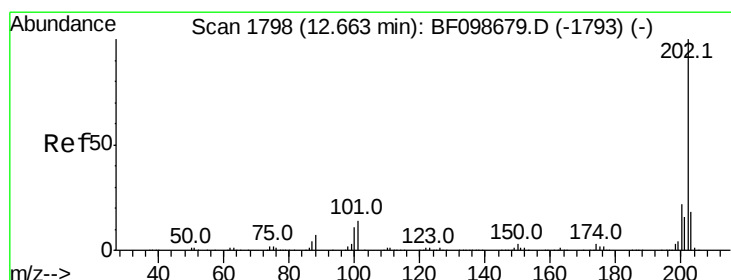
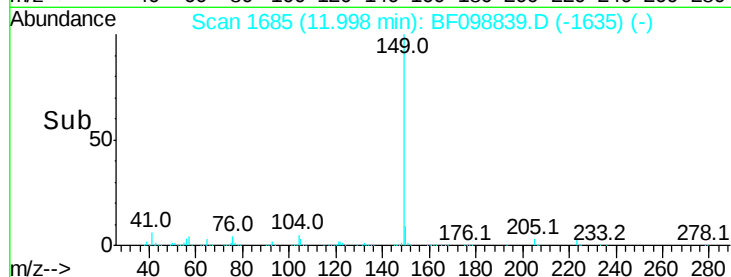
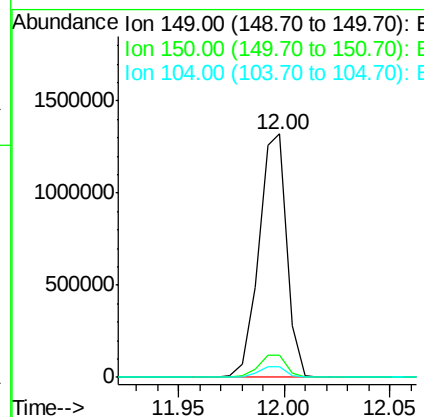
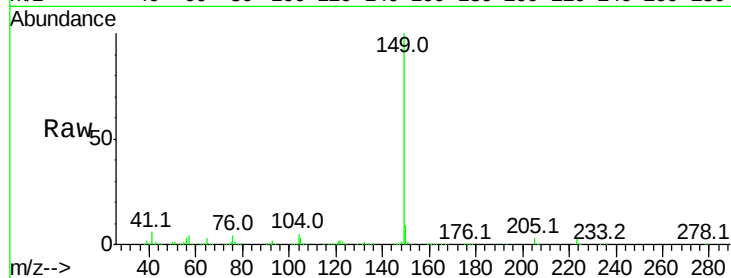
#73
Di-n-butylphthalate
Concen: 45.621 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.5	3.8	5.8

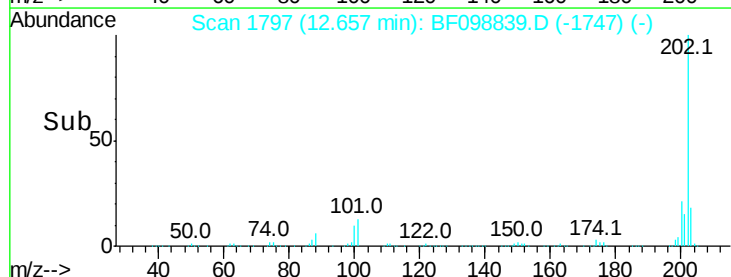
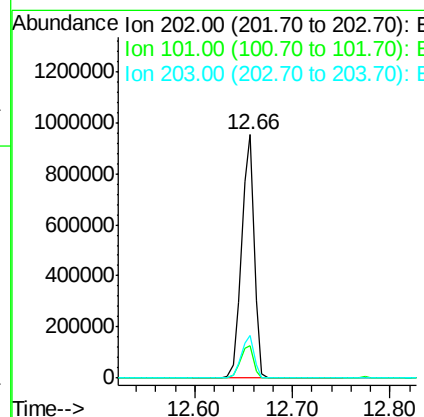
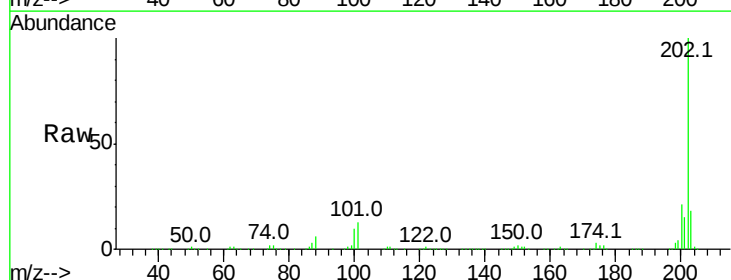
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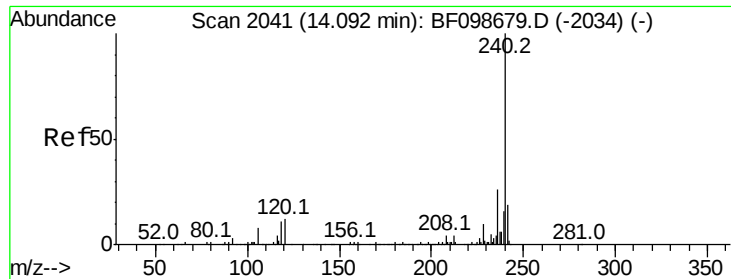
Sohil
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#74
Fluoranthene
Concen: 38.076 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Instrument :

BNA_F

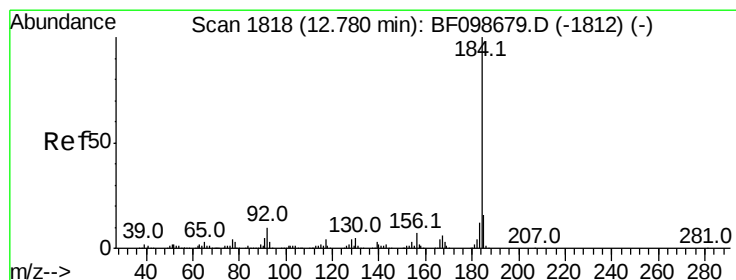
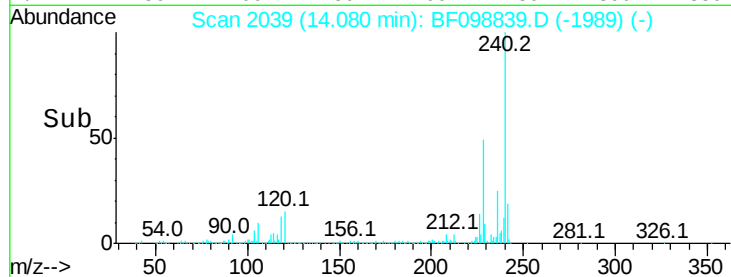
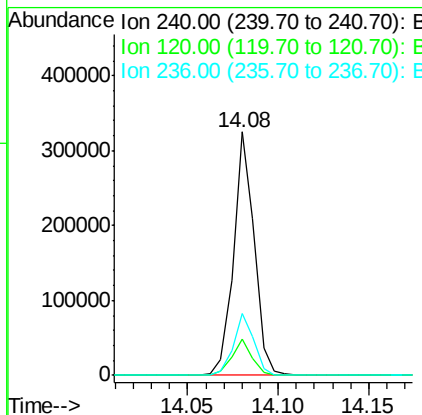
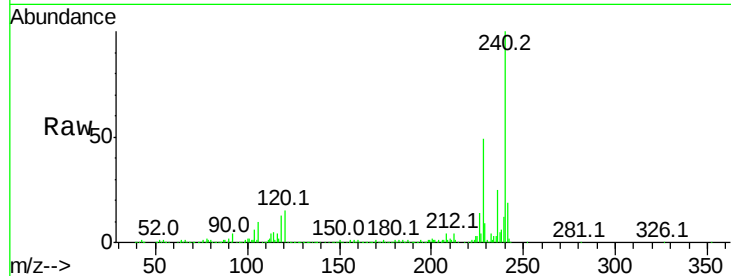
ClientSampleId :

PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.7	9.5	14.3#	
236	25.2	20.7	31.1	

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#76

Benzidine

Concen: 64.153 ng

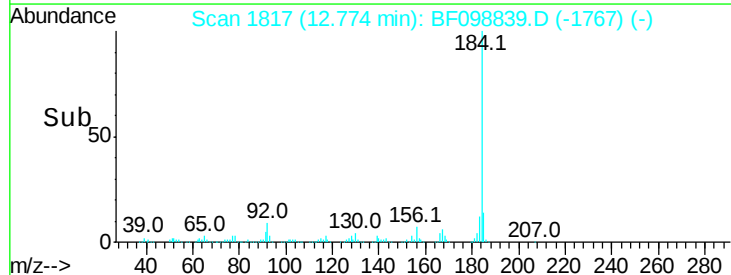
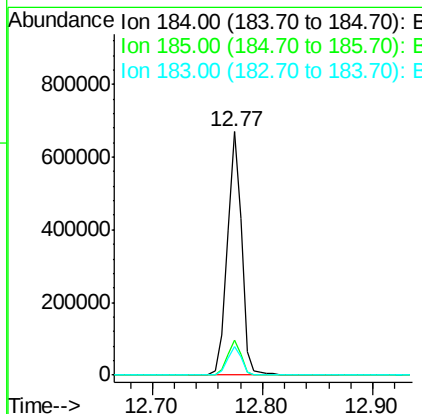
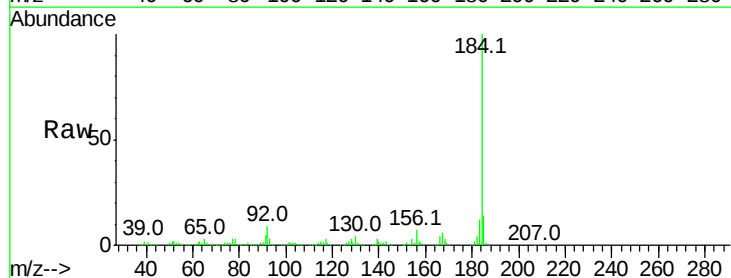
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098839.D

Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	12.6	18.8	
183	11.8	9.3	13.9	





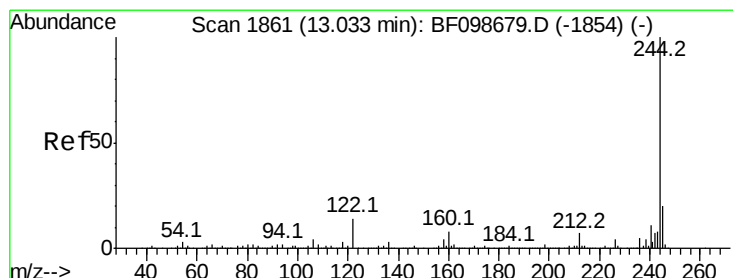
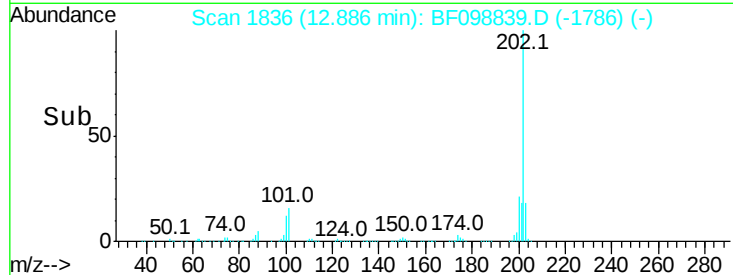
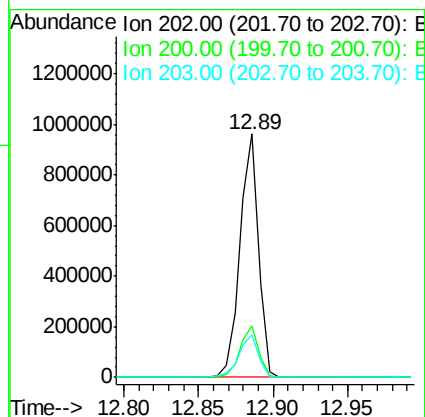
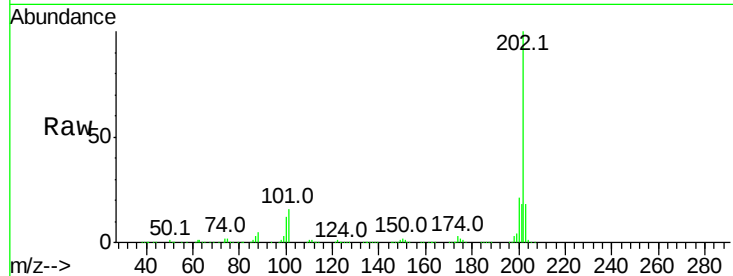
#77
Pvrene
Concen: 42.613 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5

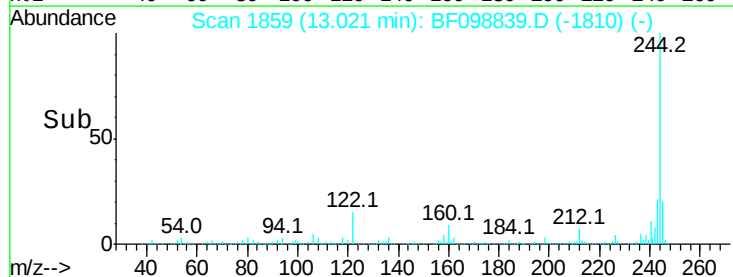
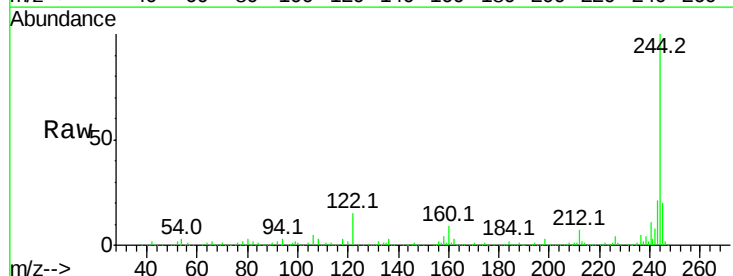
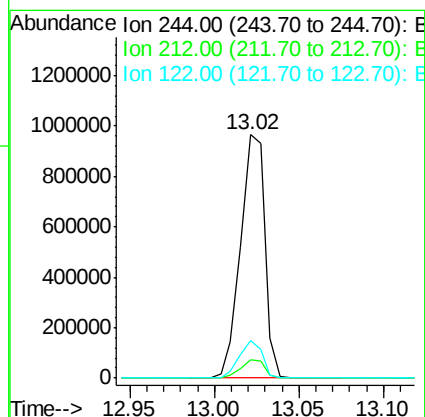
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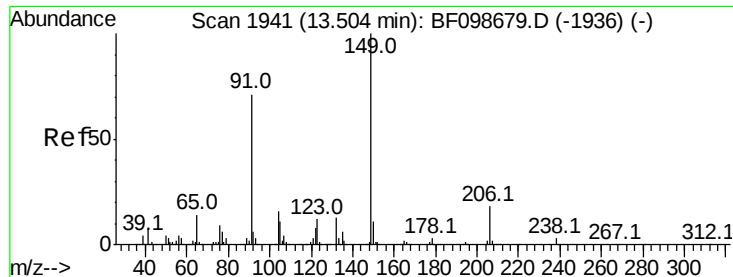
Sohil
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#78
Terphenyl-d14
Concen: 85.551 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.3	11.0	16.4





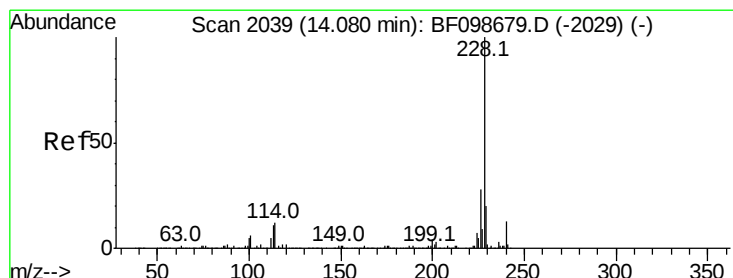
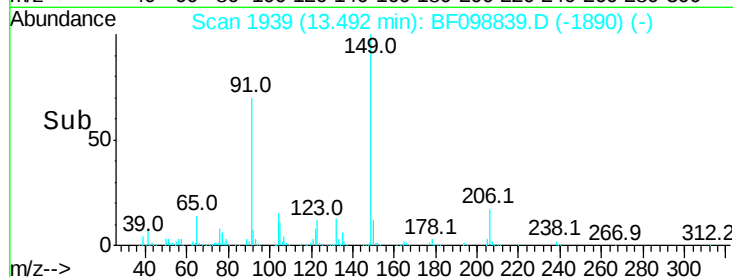
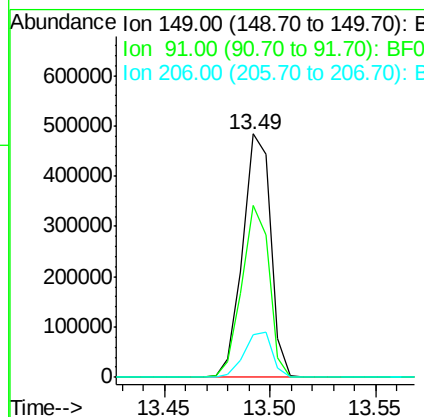
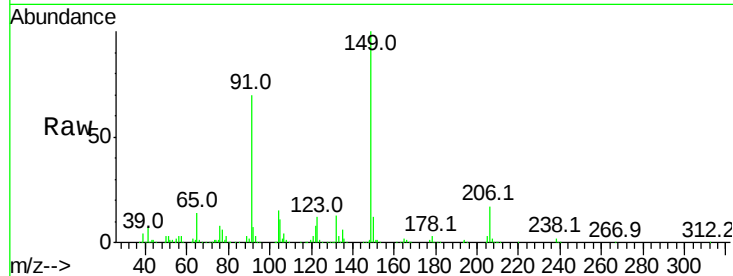
#79
Butylbenzylphthalate
Concen: 47.993 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	17.3	14.1	21.1

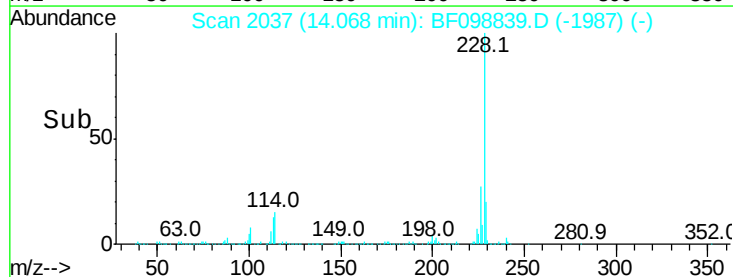
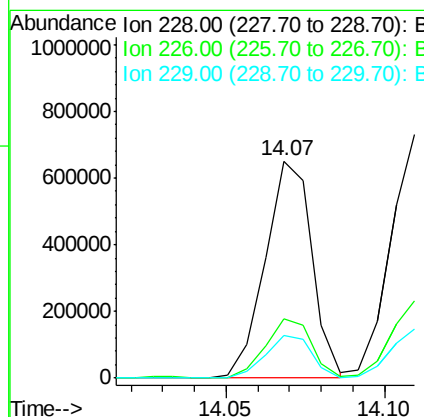
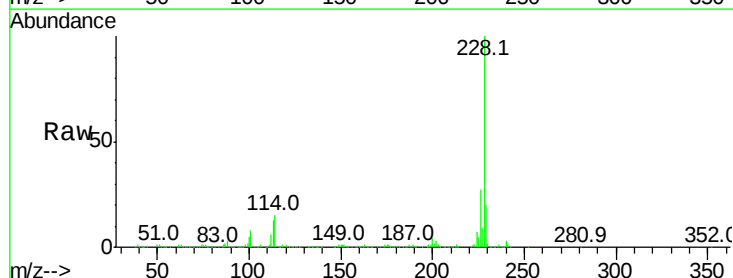
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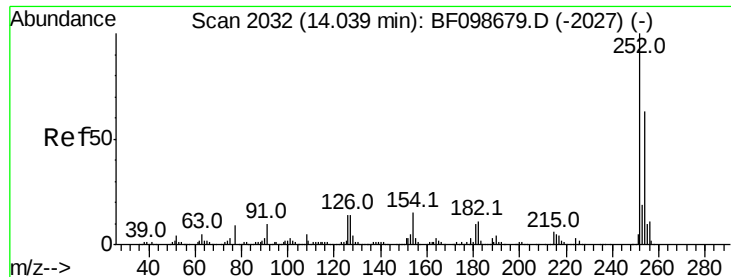
Sohil
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#80
Benzo(a)anthracene
Concen: 42.661 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.5	15.8	23.6





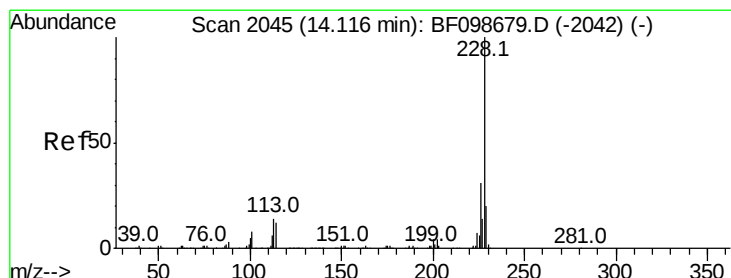
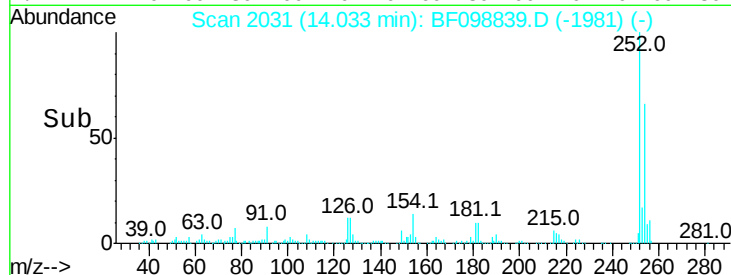
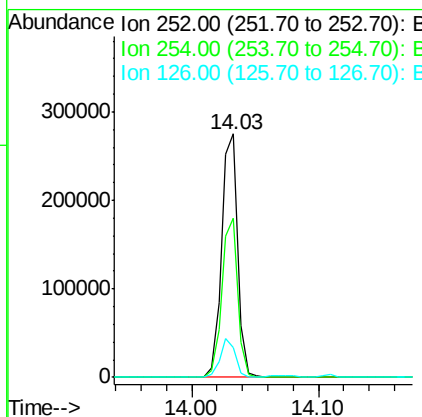
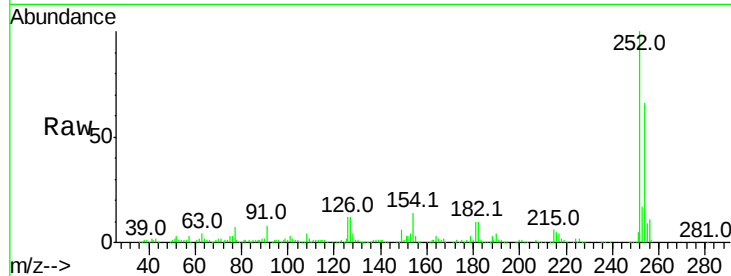
#81
 3,3'-Dichlorobenzidine
 Concen: 42.570 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	243773		
254	65.6	50.4	75.6	
126	12.2	11.3	16.9	

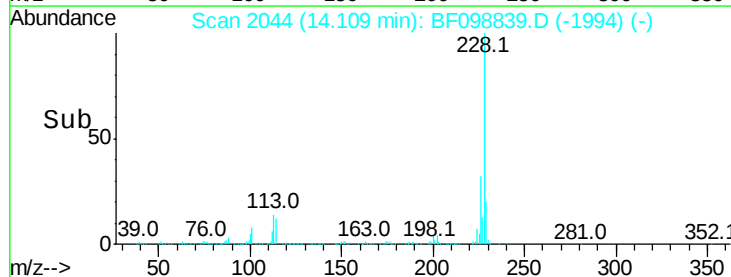
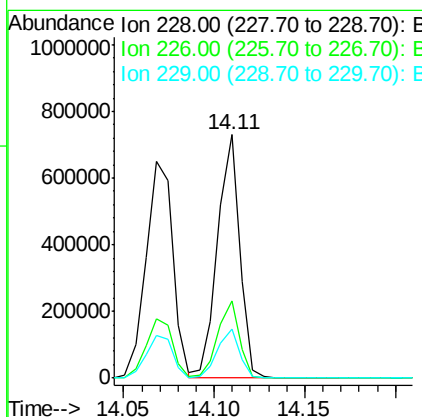
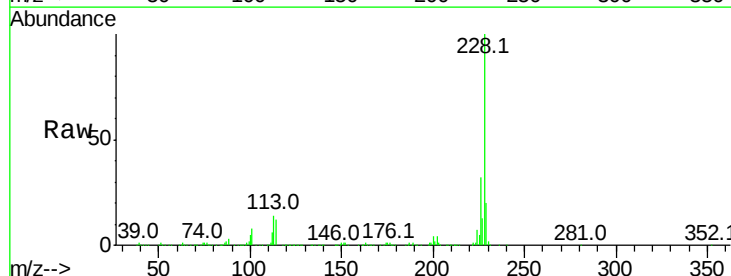
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#82
 Chrysene
 Concen: 41.806 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	621736		
226	31.7	25.0	37.6	
229	20.0	16.2	24.4	





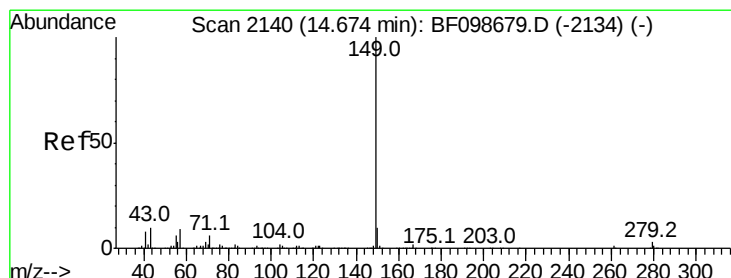
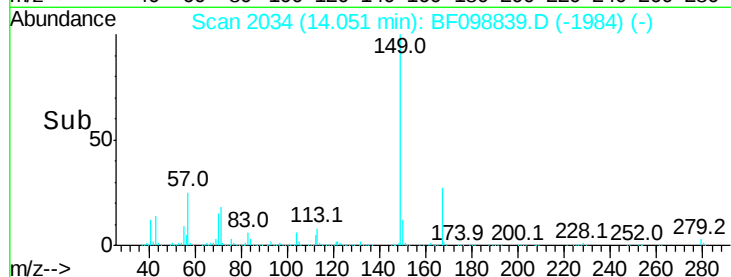
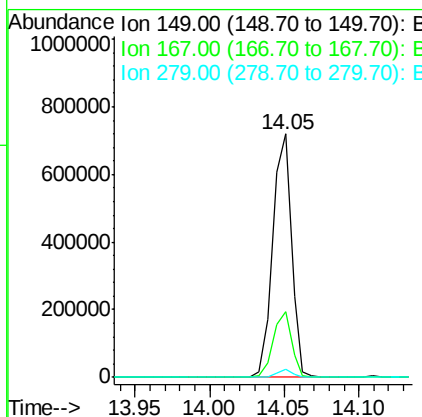
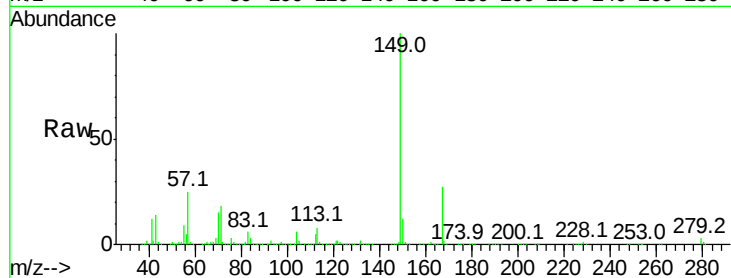
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.386 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.1	3.0	4.4

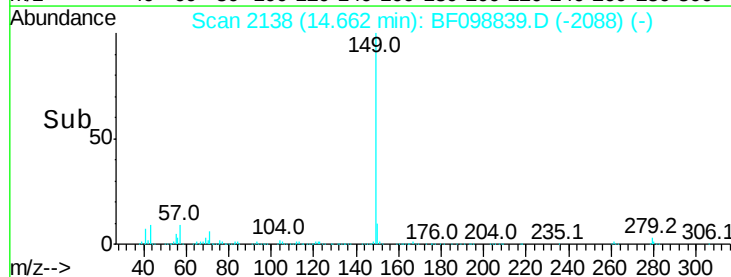
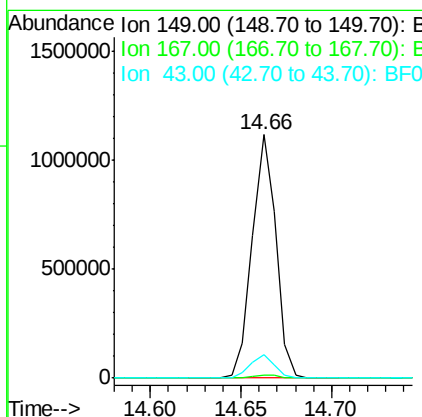
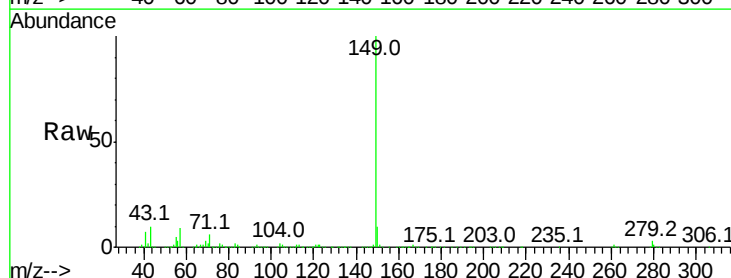
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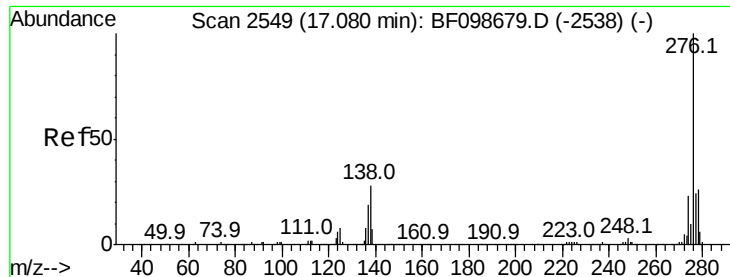
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#84
 Di-n-octyl phthalate
 Concen: 49.839 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6





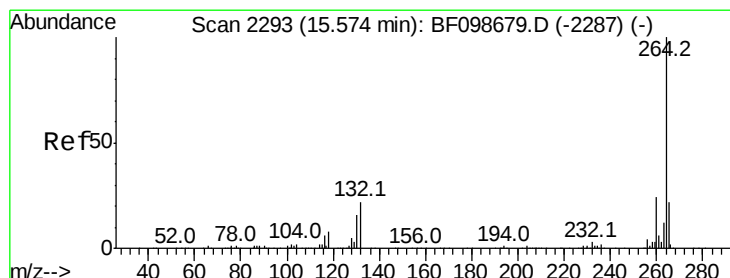
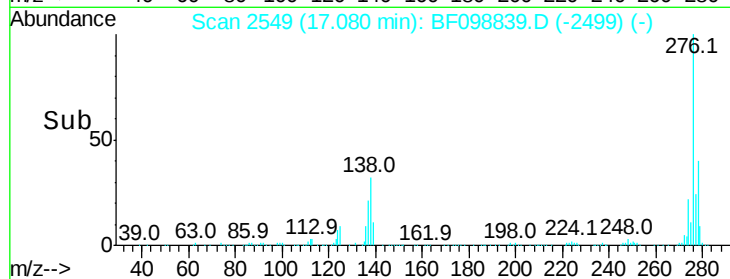
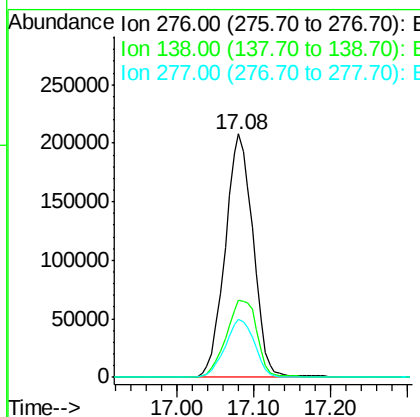
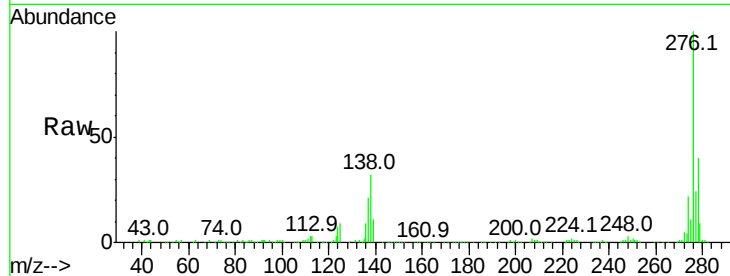
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.205 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleID :
 PB102610BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	35.0	25.0	37.6	
277	25.1	20.1	30.1	

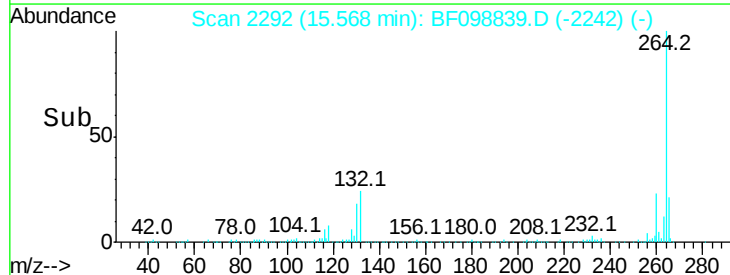
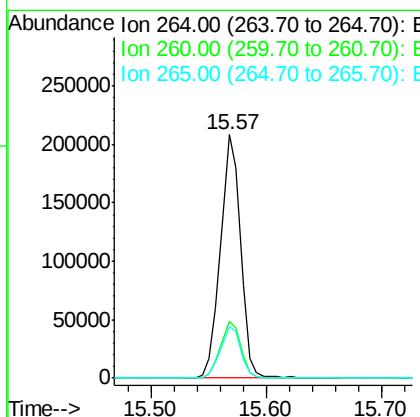
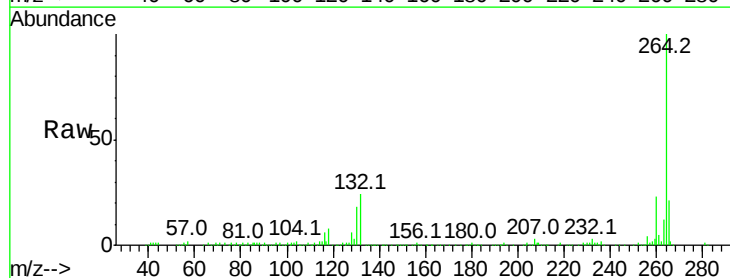
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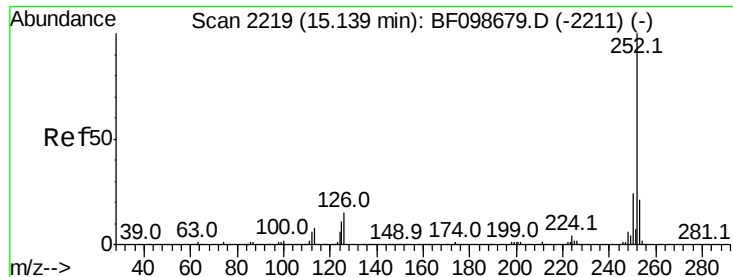
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.4	19.2	28.8	
265	21.3	17.5	26.3	





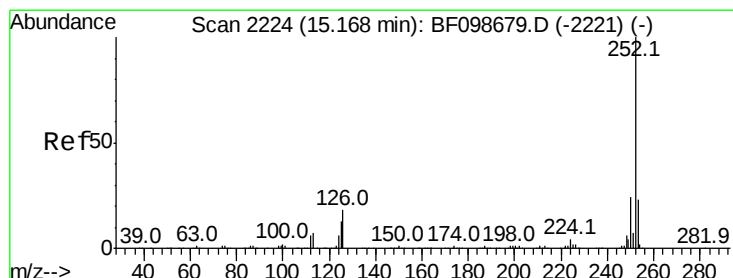
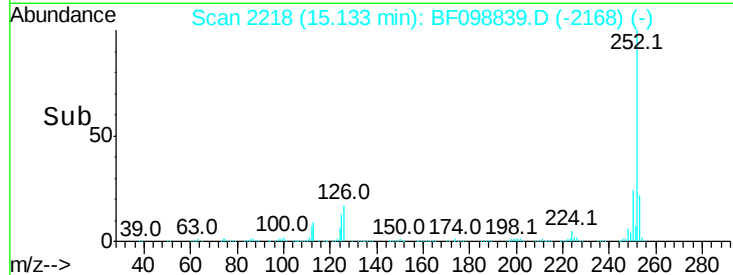
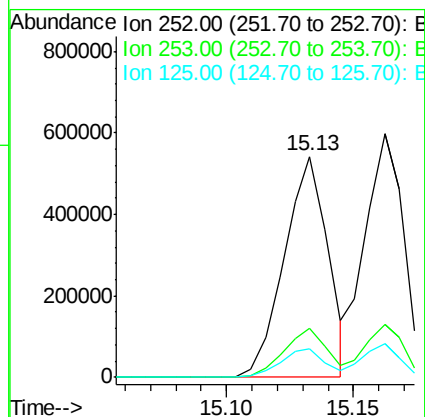
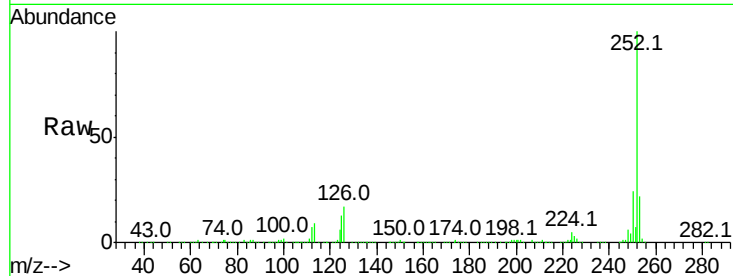
#87
Benzo(b)fluoranthene
Concen: 41.991 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.0	9.0	13.6

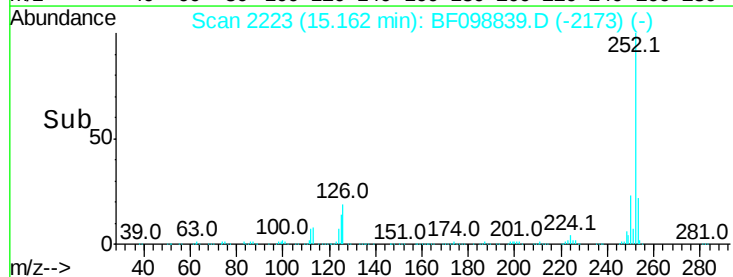
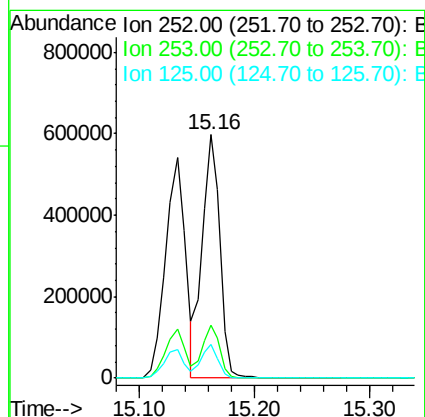
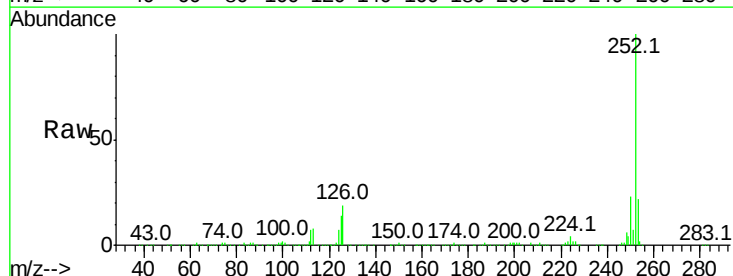
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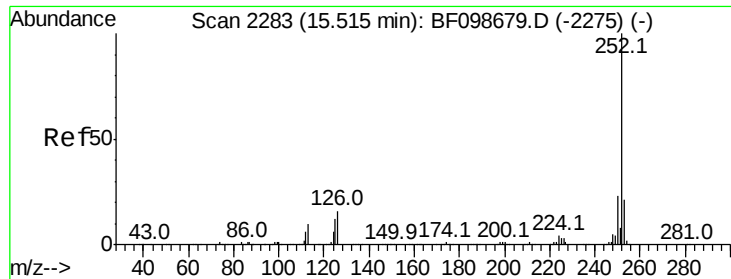
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.988 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.8	10.2	15.2





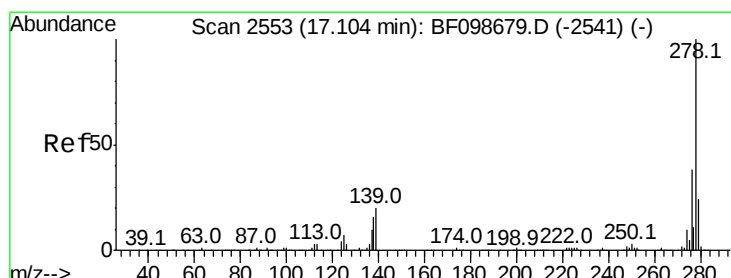
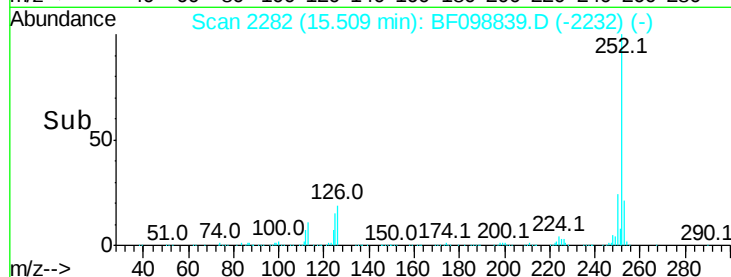
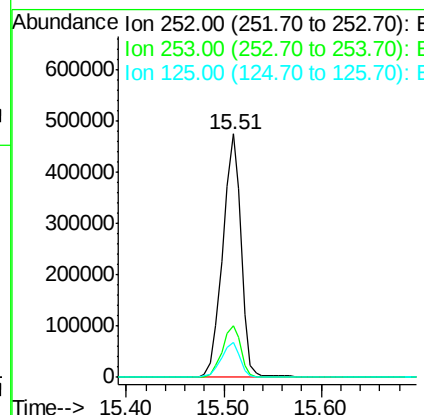
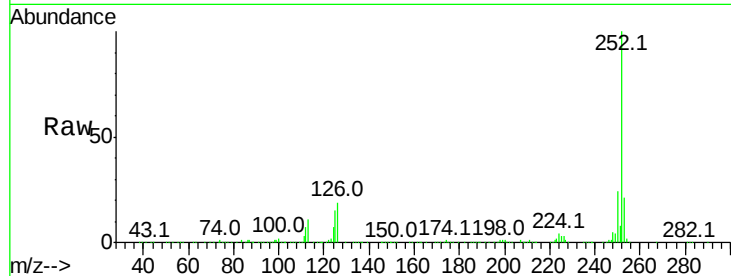
#89
Benzo(a)pyrene
Concen: 43.438 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.6	9.8	14.6

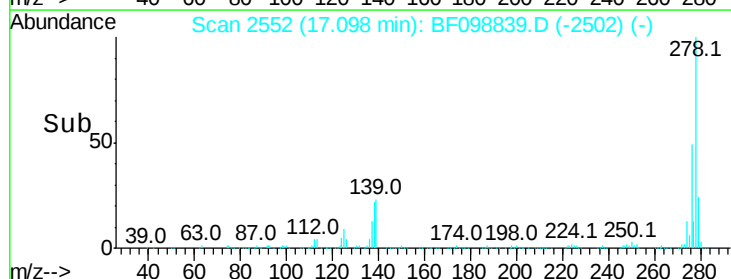
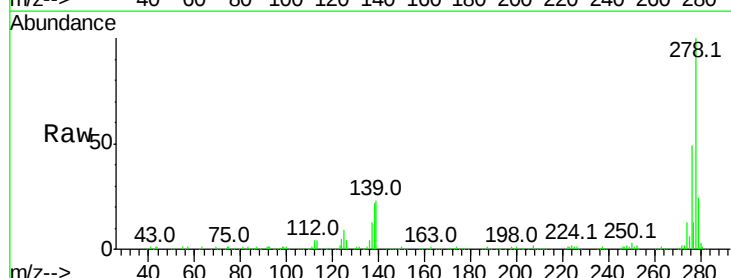
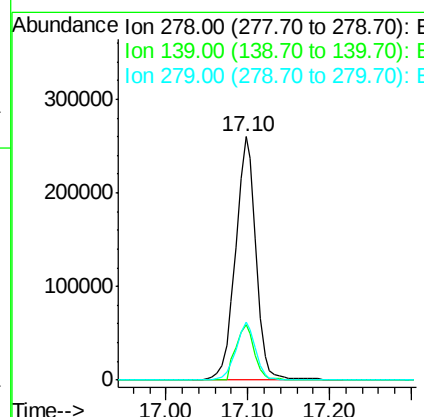
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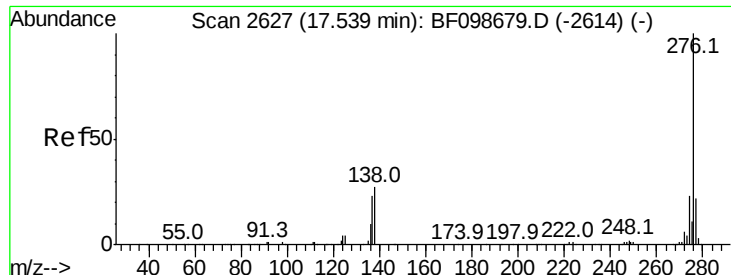
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.781 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098839.D
Acq: 26 Sep 2017 18:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.446 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF098839.D
 Acq: 26 Sep 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BSD

Tot Ion:	276	Resp:	399022
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.9	26.9
138	30.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/27/2017 12:45:01 PM

