

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098578.D
 Acq On : 15 Sep 2017 19:36
 Operator : SJ/JU
 Sample : I5229-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Manual Integrations
 APPROVED

Sohil
 9/18/2017 3:33:48 PM

Quant Time: Sep 16 02:57:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	141805	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	594054	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	275302	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	538280	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	387198	20.00	ng	-0.01
86) Perylene-d12	15.20	264	306191	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	972695	101.42	ng	-0.01
7) Phenol-d6	6.30	99	1215625	99.83	ng	-0.02
23) Nitrobenzene-d5	7.22	82	740002	69.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	234421	127.58	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1143628	70.41	ng	-0.02
78) Terphenyl-d14	12.75	244	1161572	64.75	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	121665	24.578	ng	89
3) Pyridine	3.00	79	247449	18.823	ng	88
4) n-Nitrosodimethylamine	2.95	42	180999	28.083	ng	99
6) Aniline	6.31	93	325969	21.337	ng	# 29
8) 2-Chlorophenol	6.43	128	360922	34.222	ng	97
9) Benzaldehyde	6.19	77	179077	22.496	ng	96
10) Phenol	6.32	94	471768	33.354	ng	83
11) bis(2-Chloroethyl)ether	6.39	93	330970	31.036	ng	95
12) 1,3-Dichlorobenzene	6.58	146	355331	33.474	ng	97
13) 1,4-Dichlorobenzene	6.66	146	362691	33.356	ng	95
14) 1,2-Dichlorobenzene	6.82	146	337774	34.097	ng	97
15) Benzyl Alcohol	6.80	79	310842	38.355	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	511152	29.131	ng	51
17) 2-Methylphenol	6.92	107	300445	34.936	ng	# 87
18) Hexachloroethane	7.15	117	132708	31.870	ng	# 86
19) n-Nitroso-di-n-propylamine	7.07	70	253094	33.042	ng	98
20) 3+4-Methylphenols	7.07	107	398261	36.697	ng	# 67
22) Acetophenone	7.06	105	514662	33.520	ng	# 89
24) Nitrobenzene	7.23	77	382759	31.535	ng	98
25) Isophorone	7.47	82	685100	31.777	ng	98
26) 2-Nitrophenol	7.55	139	194576	39.704	ng	# 83
27) 2,4-Dimethylphenol	7.60	122	313127	33.518	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	434820	33.053	ng	99
29) 2,4-Dichlorophenol	7.80	162	301855	38.850	ng	95
30) 1,2,4-Trichlorobenzene	7.87	180	306894	36.311	ng	99
31) Naphthalene	7.95	128	1021759	34.792	ng	99
32) Benzoic acid	7.75	122	129685	25.227	ng	98
33) 4-Chloroaniline	8.01	127	295940	24.795	ng	97
34) Hexachlorobutadiene	8.06	225	156017	35.958	ng	98
35) Caprolactam	8.39	113	102124m	38.117	ng	
36) 4-Chloro-3-methylphenol	8.51	107	346609	35.971	ng	85
37) 2-Methylnaphthalene	8.65	142	676287	38.017	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	288098	33.595	ng	99
40) Hexachlorocyclopentadiene	8.79	237	130434	55.387	ng	98

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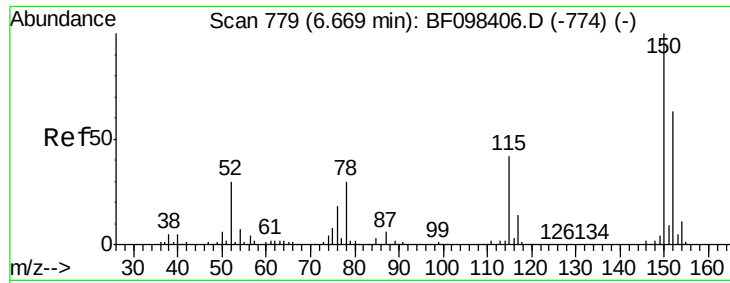
Manual Integrations
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Quant Time: Sep 16 02:57:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	196177	38.947	ng	94
43) 2,4,5-Trichlorophenol	8.98	196	207548	39.422	ng	90
45) 1,1'-Biphenyl	9.11	154	819990	33.277	ng	98
46) 2-Chloronaphthalene	9.13	162	628680	35.724	ng	94
47) 2-Nitroaniline	9.24	65	233608	34.586	ng	99
48) Acenaphthylene	9.55	152	930927	35.578	ng	99
49) Dimethylphthalate	9.42	163	971412	45.583	ng	99
50) 2,6-Dinitrotoluene	9.48	165	172425	39.389	ng #	74
51) Acenaphthene	9.72	154	590182	35.483	ng	98
52) 3-Nitroaniline	9.65	138	150546	28.490	ng	96
53) 2,4-Dinitrophenol	9.77	184	149802	73.206	ng #	68
54) Dibenzofuran	9.89	168	841323	38.396	ng	97
55) 4-Nitrophenol	9.84	139	197650	65.104	ng #	47
56) 2,4-Dinitrotoluene	9.89	165	222835	41.872	ng #	66
57) Fluorene	10.23	166	670167	36.951	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	158162	44.701	ng #	91
59) Diethylphthalate	10.12	149	744009	36.710	ng	97
60) 4-Chlorophenyl-phenylether	10.22	204	319277	38.113	ng	91
61) 4-Nitroaniline	10.27	138	194107	36.374	ng	85
62) Azobenzene	10.39	77	719791	32.952	ng	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	118331	37.099	ng #	75
65) n-Nitrosodiphenylamine	10.34	169	616023	35.245	ng	98
66) 4-Bromophenyl-phenylether	10.71	248	189053	37.006	ng	95
67) Hexachlorobenzene	10.78	284	190027	36.671	ng #	91
68) Atrazine	10.88	200	201235	37.398	ng	98
69) Pentachlorophenol	10.99	266	147199	65.543	ng	97
70) Phenanthrene	11.19	178	1030856	36.125	ng	98
71) Anthracene	11.24	178	1051228	35.881	ng	98
72) Carbazole	11.40	167	953949	34.938	ng	99
73) Di-n-butylphthalate	11.73	149	1152073	35.216	ng	99
74) Fluoranthene	12.38	202	1059921	37.104	ng	96
76) Benzidine	12.50	184	145395	8.485	ng #	91
77) Pyrene	12.60	202	1096912	35.912	ng	99
79) Butylbenzylphthalate	13.23	149	481725	36.354	ng #	85
80) Benzo(a)anthracene	13.79	228	811488	35.747	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	213956	24.252	ng #	96
82) Chrysene	13.83	228	788844	34.377	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	638984	38.422	ng #	99
84) Di-n-octyl phthalate	14.39	149	1032396	36.182	ng	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	594893	36.952	ng	95
87) Benzo(b)fluoranthene	14.81	252	666364	34.612	ng	98
88) Benzo(k)fluoranthene	14.84	252	666512	37.083	ng #	93
89) Benzo(a)pyrene	15.15	252	617255	35.988	ng	98
90) Dibenzo(a,h)anthracene	16.56	278	502356	40.263	ng	99
91) Benzo(g,h,i)perylene	16.95	276	493194	39.300	ng	94

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



#1

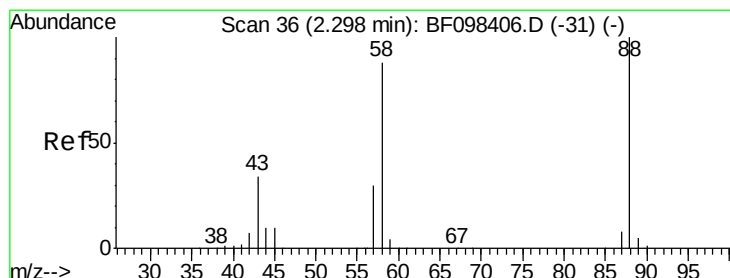
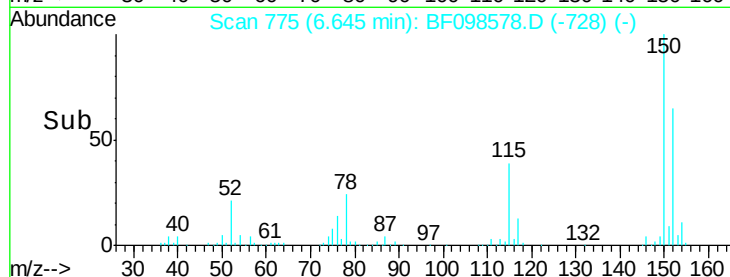
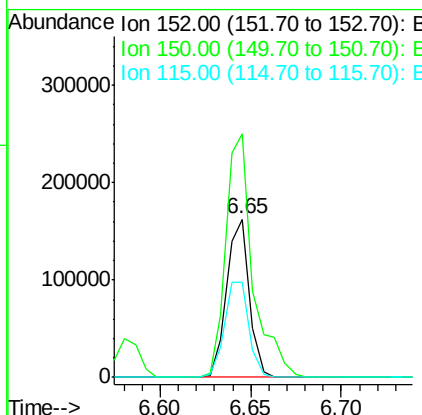
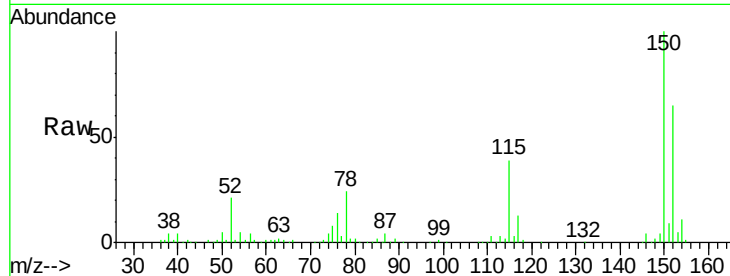
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	59.9	52.2	78.2

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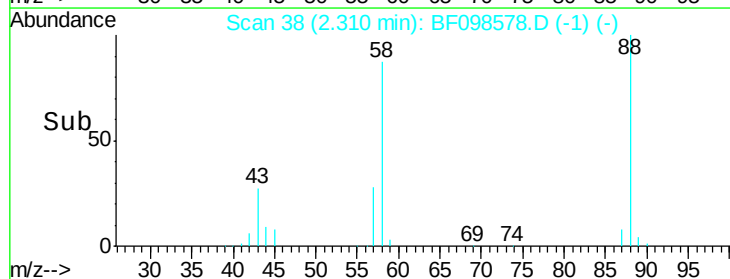
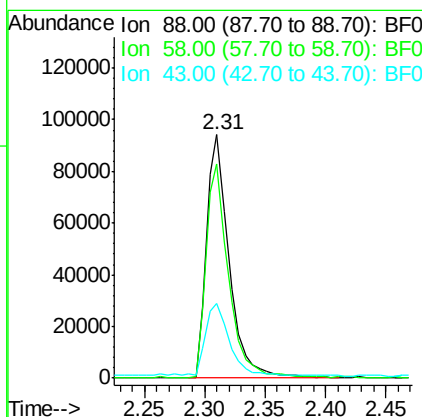
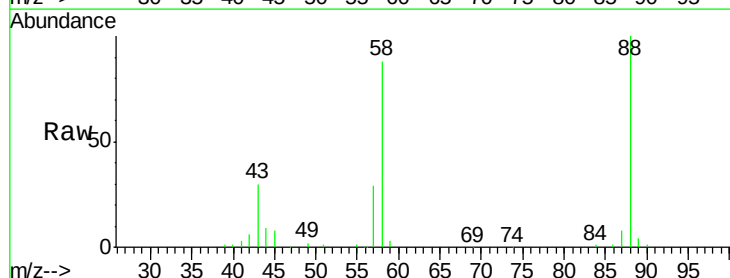
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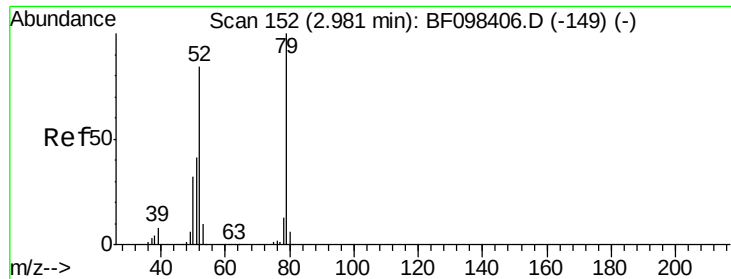


#2

1,4-Dioxane
Concen: 24.578 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.01 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	61.4	92.0
43	31.3	23.4	35.0





#3

Pyridine

Concen: 18.823 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

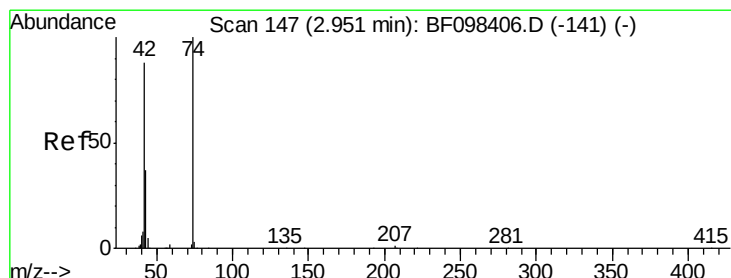
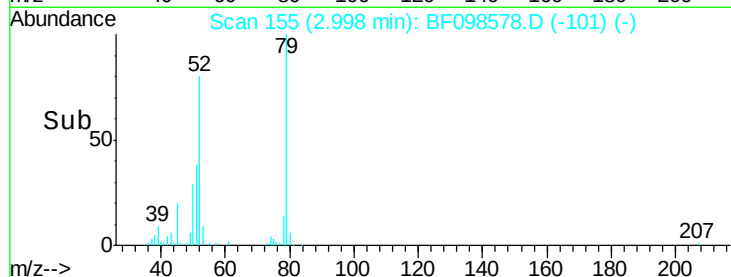
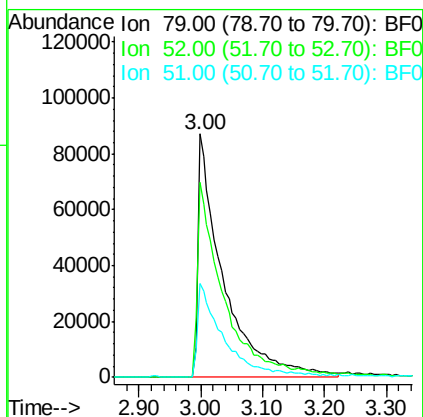
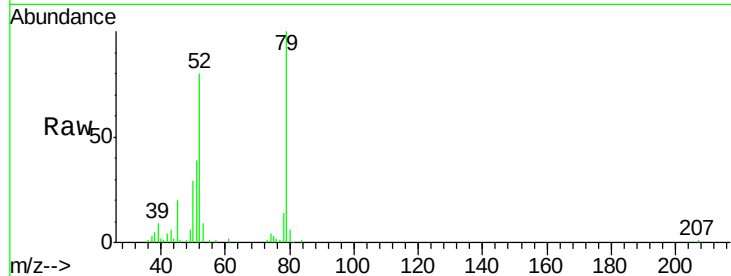
ClientSampleId :

UT5400S16MSD

Tgt Ion:	79	Resp:	247449
Ion Ratio	Lower	Upper	
79	100		
52	80.0	54.8	82.2
51	38.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 28.083 ng

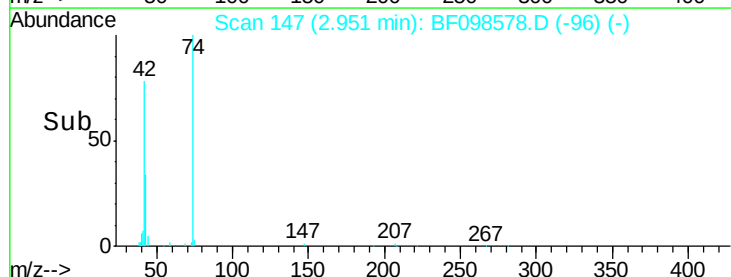
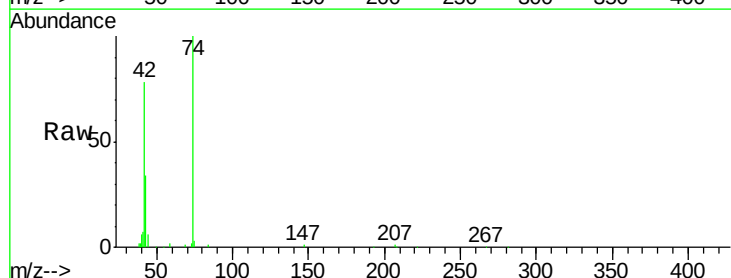
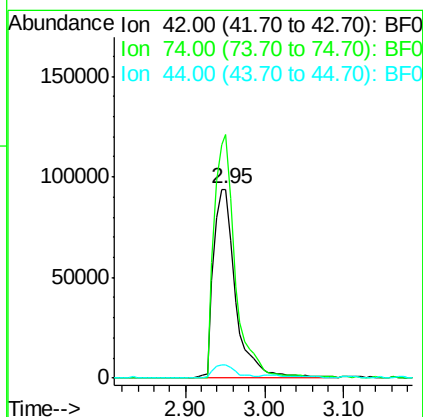
RT: 2.95 min Scan# 147

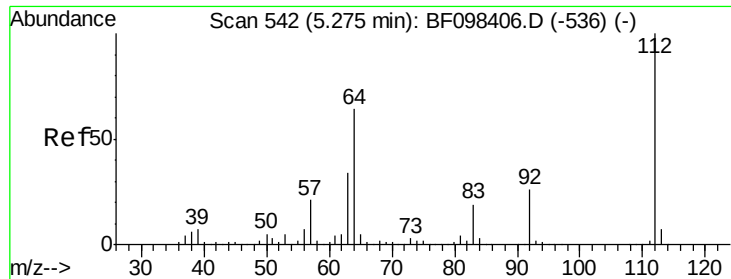
Delta R.T. 0.00 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion:	42	Resp:	180999
Ion Ratio	Lower	Upper	
42	100		
74	128.9	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 101.418 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

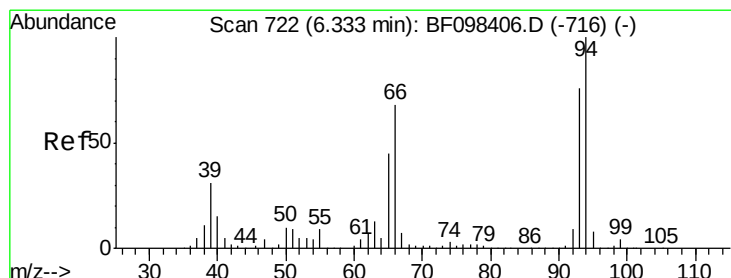
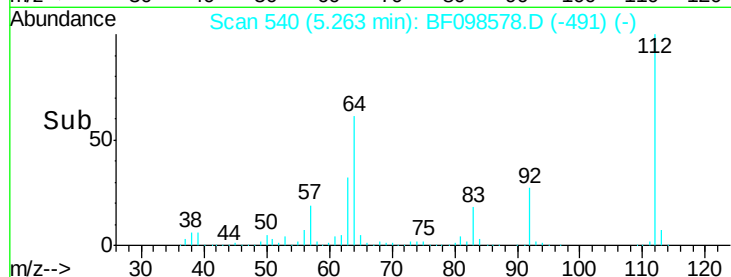
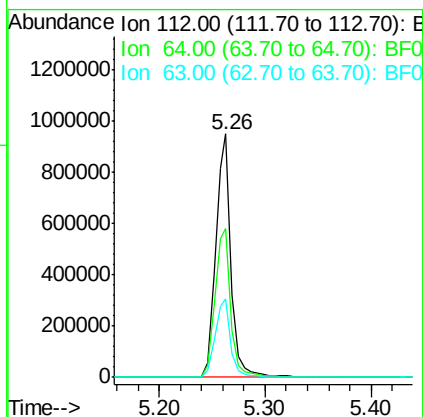
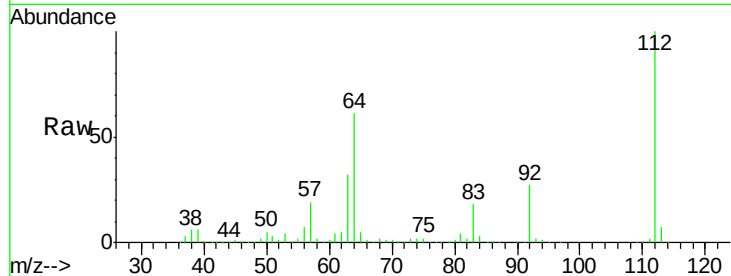
ClientSampleId :

UT5400S16MSD

Tgt Ion:	112	Resp:	972695
Ion Ratio	Lower	Upper	
112	100		
64	61.4	46.0	69.0
63	32.1	23.4	35.0

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#6

Aniline

Concen: 21.337 ng

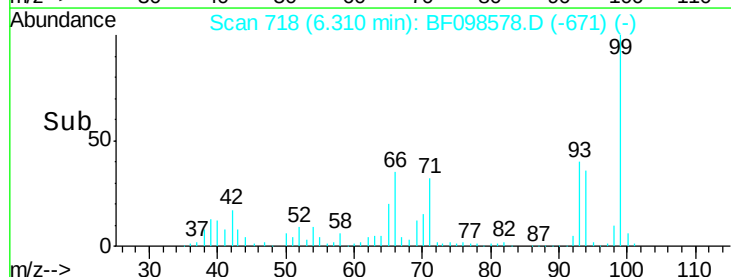
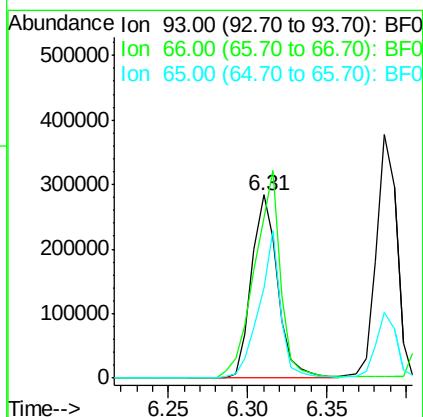
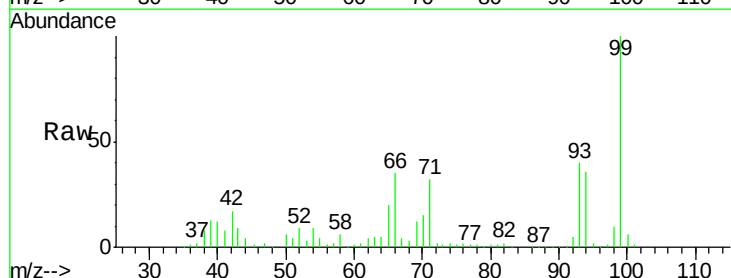
RT: 6.31 min Scan# 718

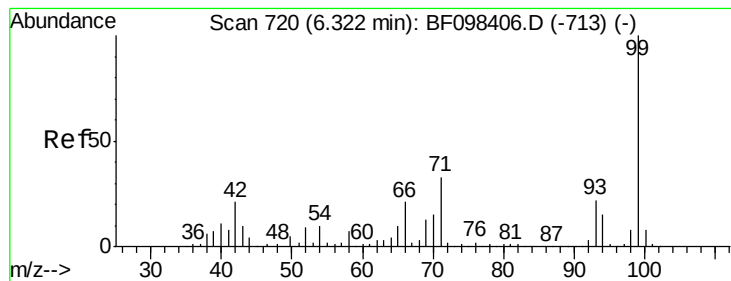
Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion:	93	Resp:	325969
Ion Ratio	Lower	Upper	
93	100		
66	87.5	32.9	49.3#
65	49.2	16.0	24.0#





#7

Phenol-d6

Concen: 99.827 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

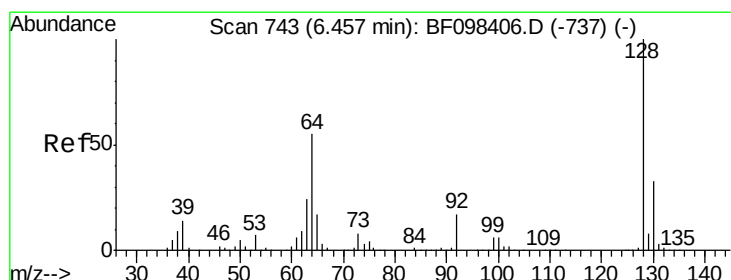
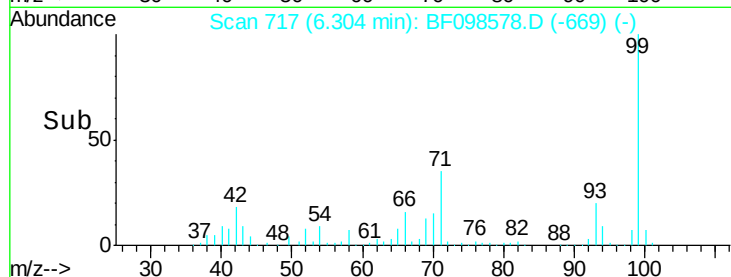
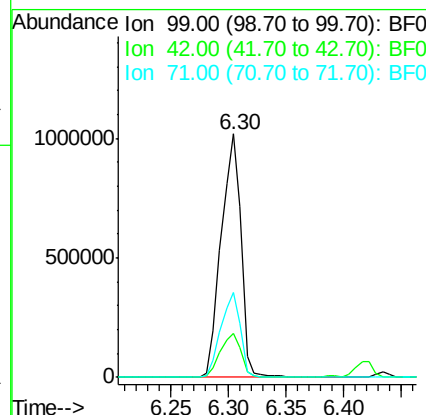
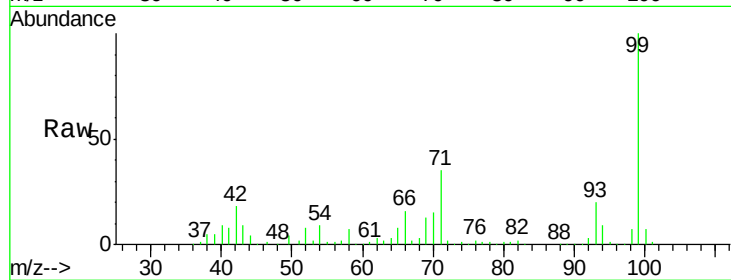
ClientSampleId :

UT5400S16MSD

Tgt Ion:	99	Resp:	1215625
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	35.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 34.222 ng

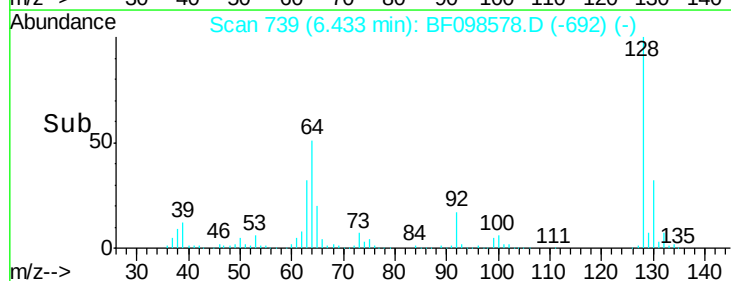
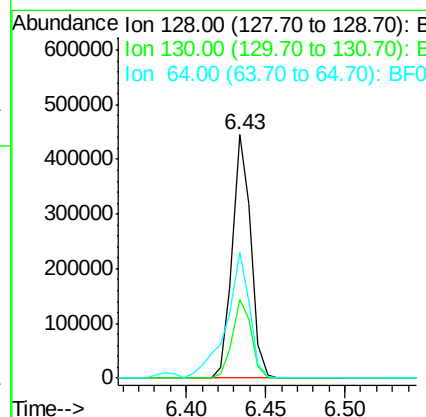
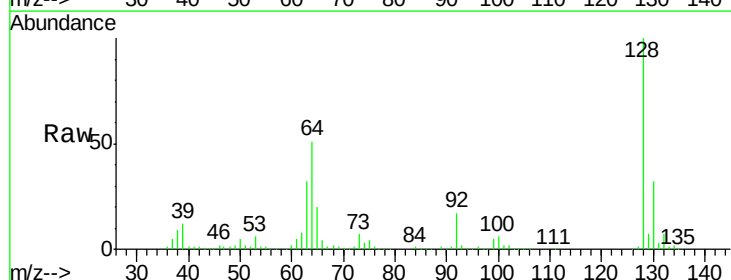
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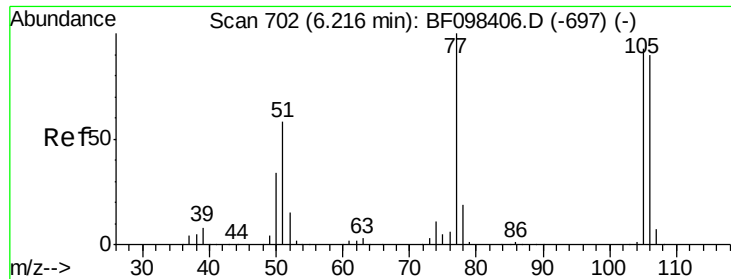
Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion:	128	Resp:	360922
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	51.5	28.4	68.4





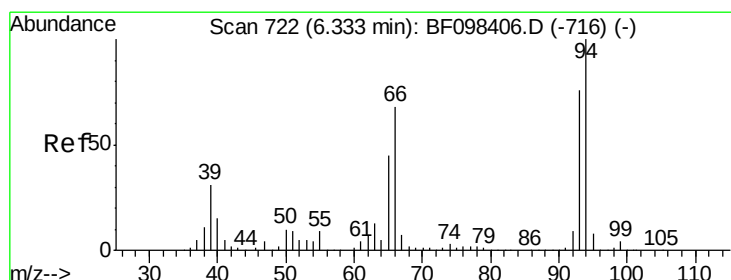
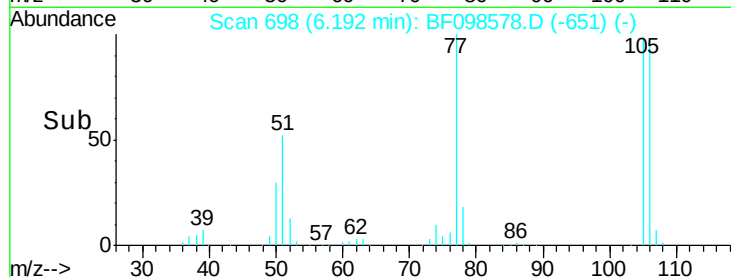
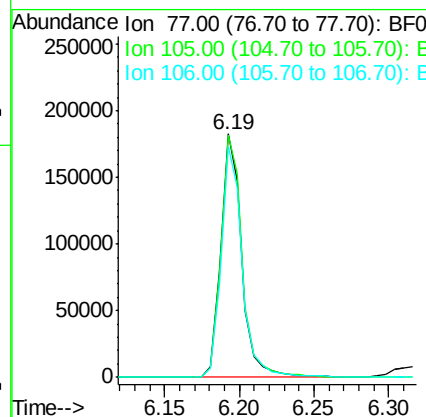
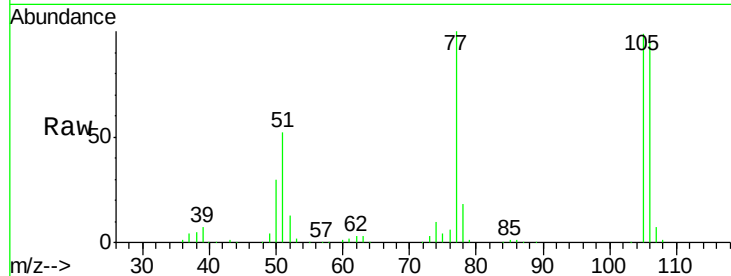
#9
Benzaldehyde
Concen: 22.496 ng
RT: 6.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	179077		
105	99.4	83.8	123.8	
106	94.7	79.1	119.1	

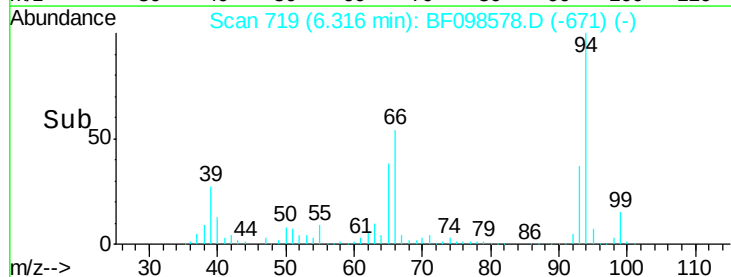
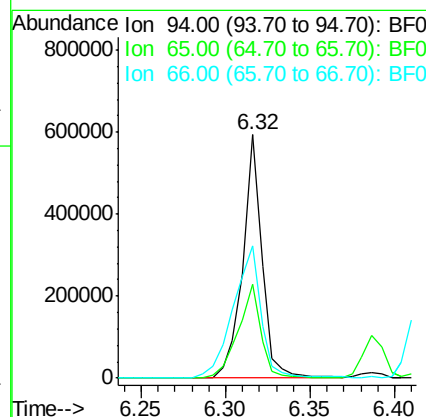
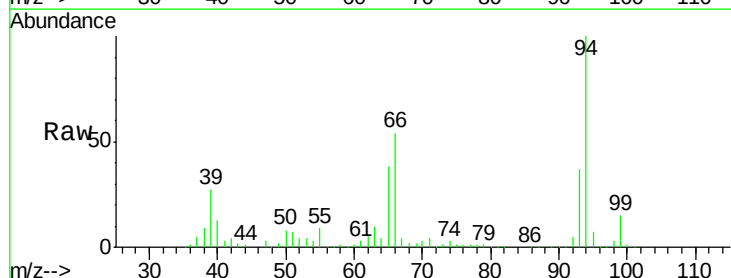
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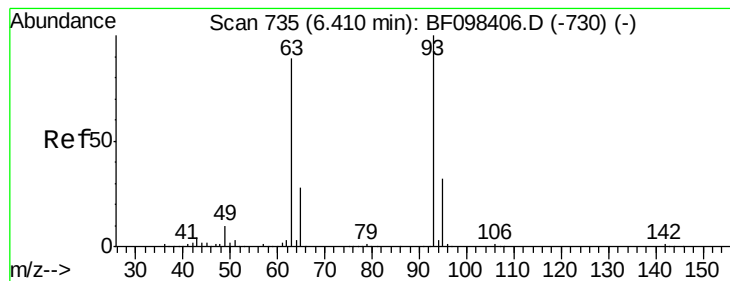
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#10
Phenol
Concen: 33.354 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	471768		
65	38.4	9.9	49.9	
66	54.1	23.1	63.1	





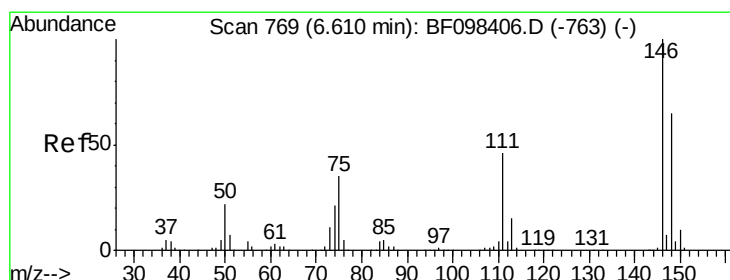
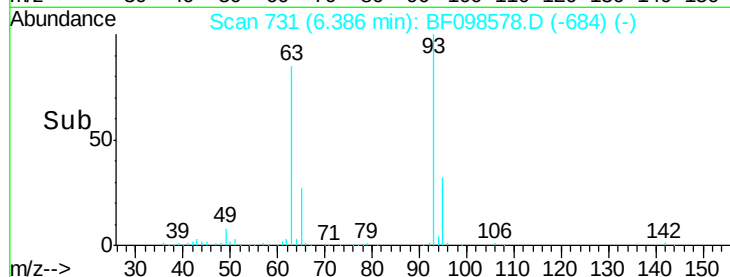
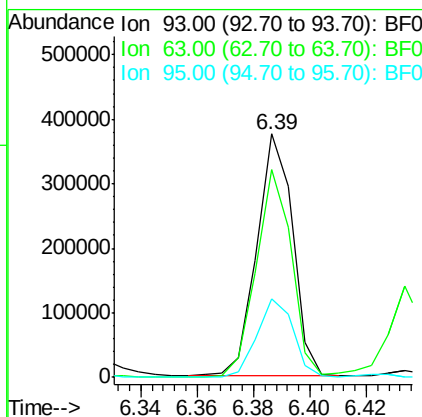
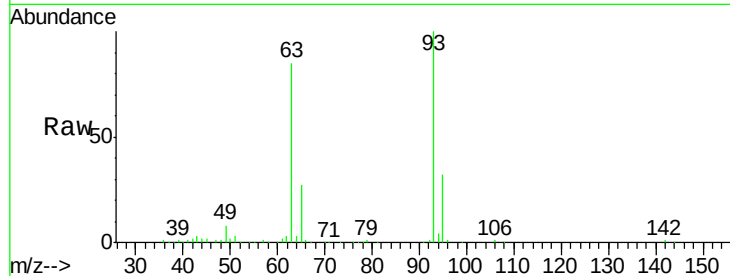
#11
bis(2-Chloroethyl)ether
Concen: 31.036 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion:	93	Resp:	330970
Ion	Ratio	Lower	Upper
93	100		
63	85.3	59.2	99.2
95	32.1	12.8	52.8

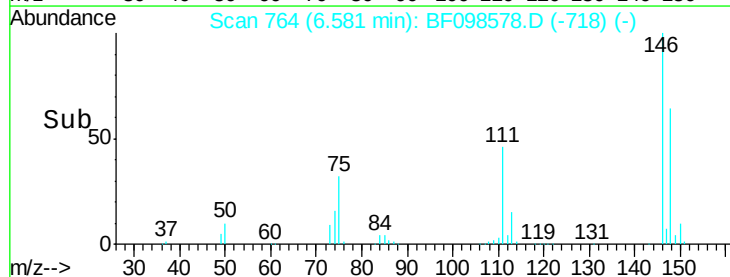
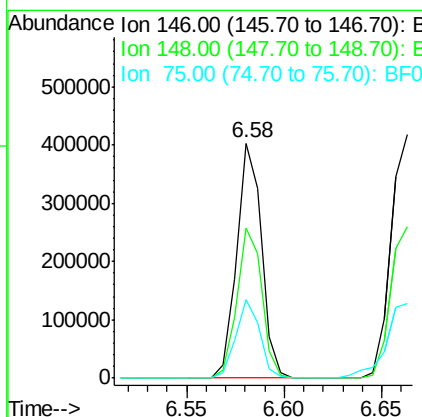
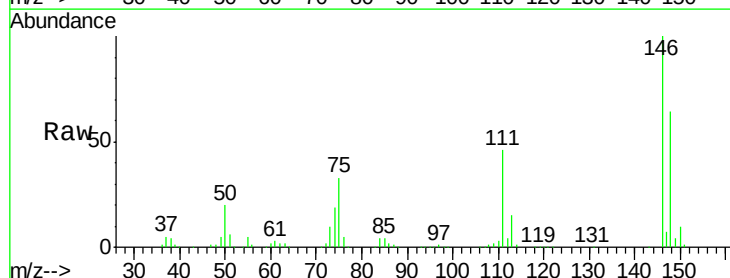
Manual Integrations
APPROVED

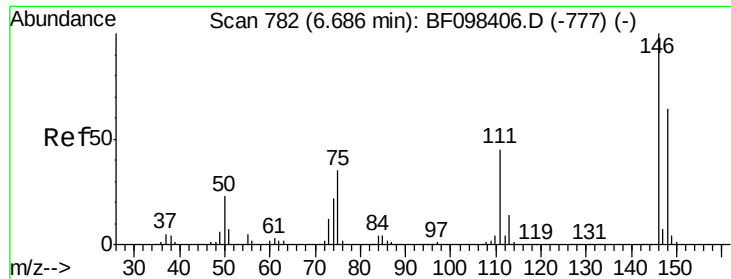
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.474 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion:	146	Resp:	355331
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	33.3	23.1	34.7





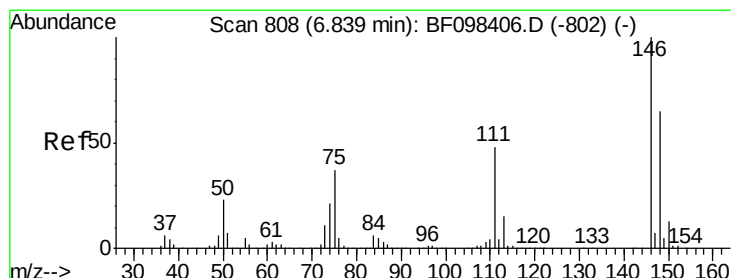
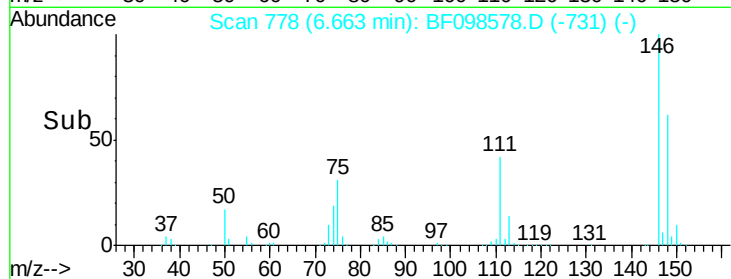
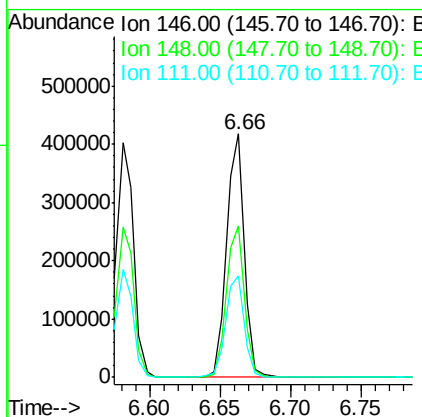
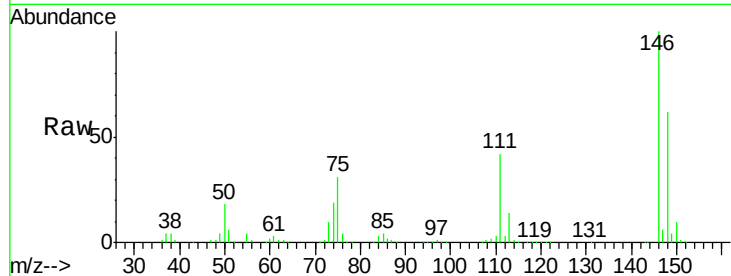
#13
 1,4-Dichlorobenzene
 Concen: 33.356 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	362691		
148	62.5	52.2	78.2	
111	41.9	30.3	45.5	

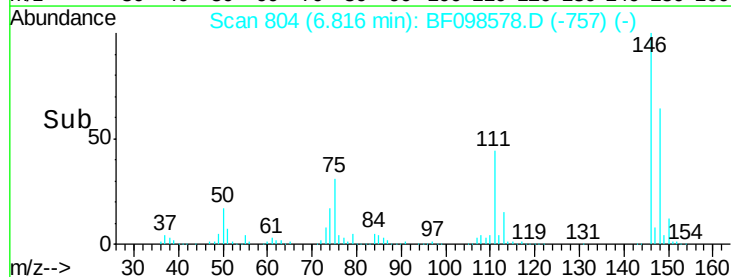
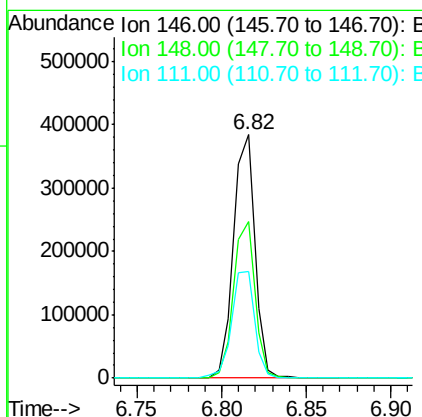
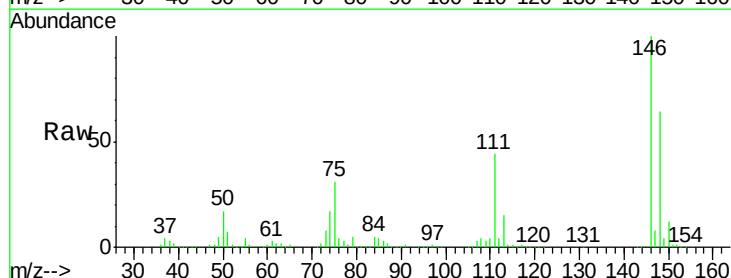
Manual Integrations
 APPROVED

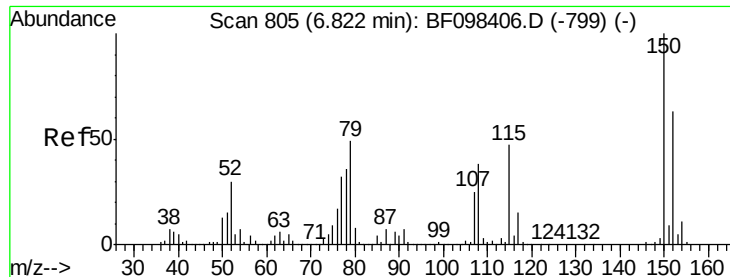
Sohil
 9/18/2017 3:33:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.097 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337774		
148	64.1	50.4	75.6	
111	44.0	38.2	57.4	





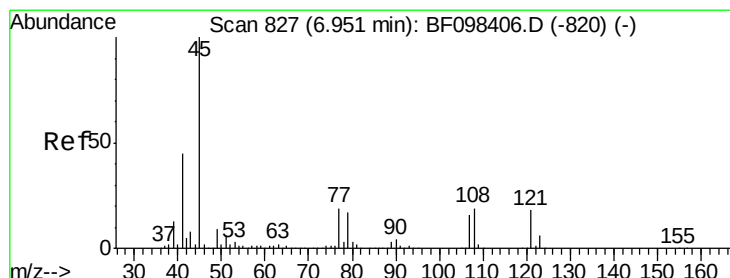
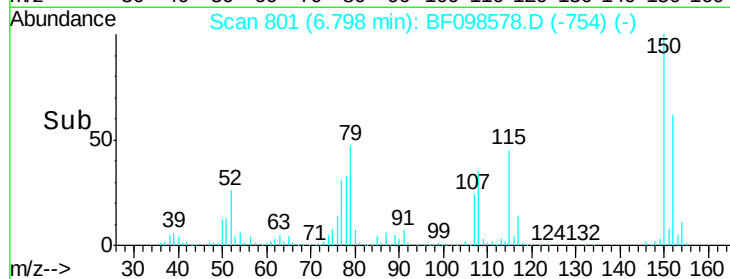
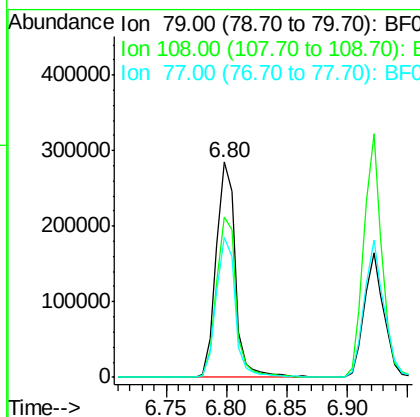
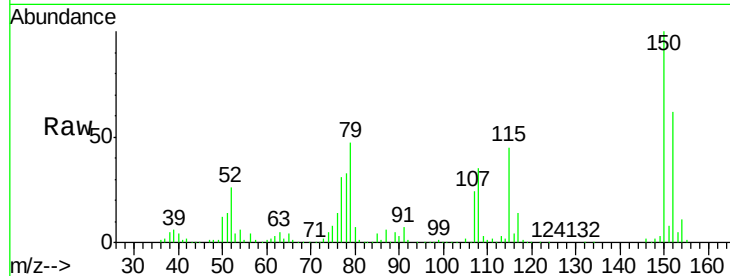
#15
Benzyl Alcohol
Concen: 38.355 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion: 79 Resp: 310842
Ion Ratio Lower Upper
79 100
108 74.4 63.4 95.0
77 64.8 49.2 73.8

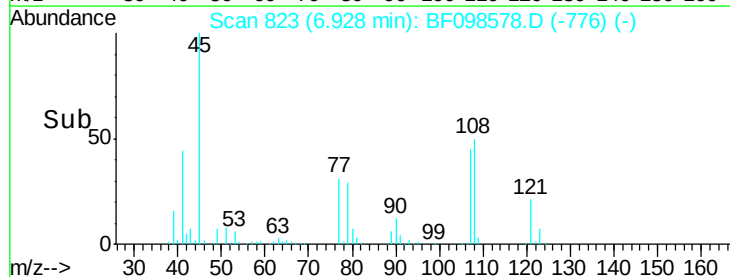
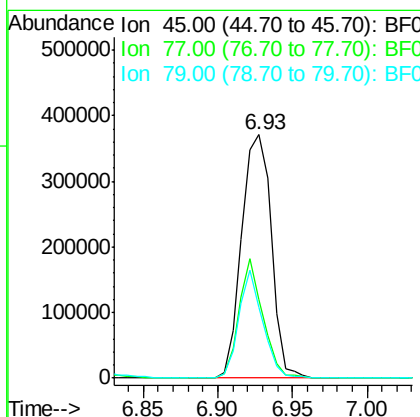
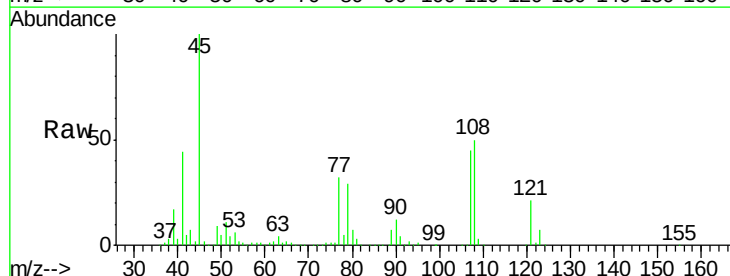
Manual Integrations
APPROVED

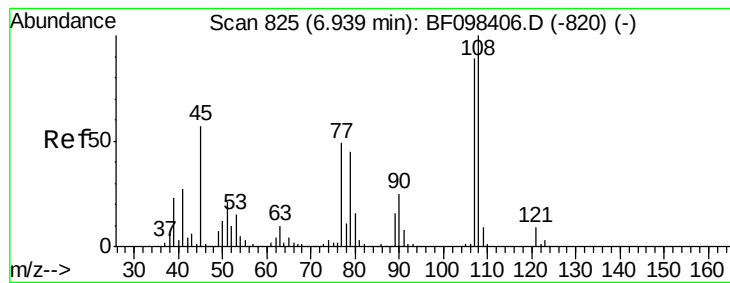
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.131 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion: 45 Resp: 511152
Ion Ratio Lower Upper
45 100
77 32.1 0.0 33.2
79 29.2 0.0 30.0





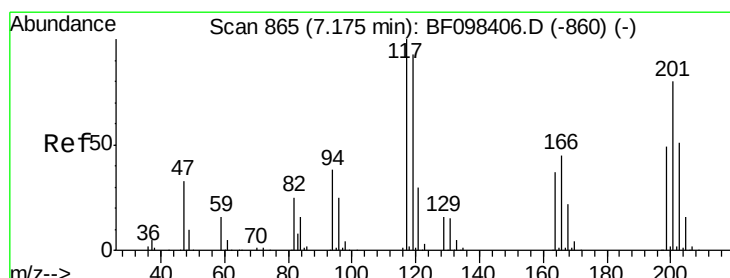
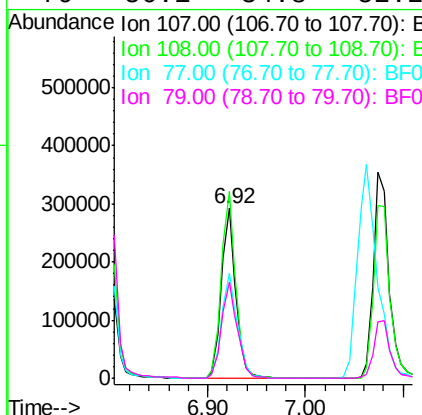
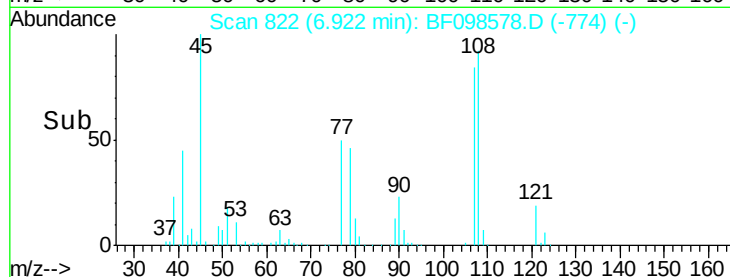
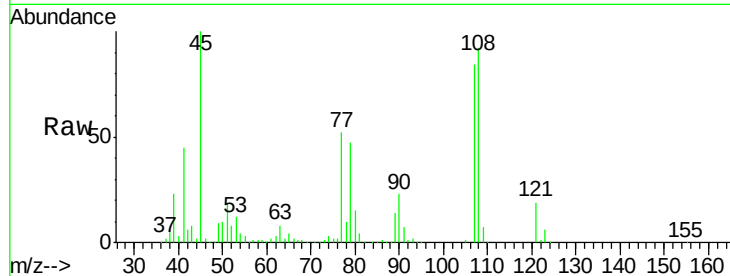
#17
2-Methylphenol
Concen: 34.936 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	300445		
108	110.0	93.4	140.0	
77	61.9	35.8	53.6#	
79	56.1	34.8	52.2#	

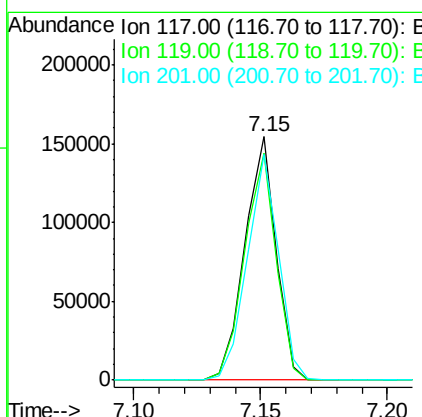
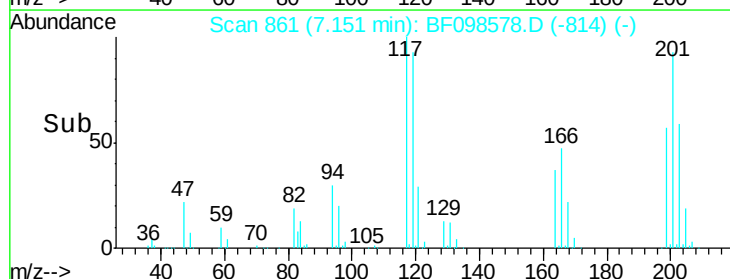
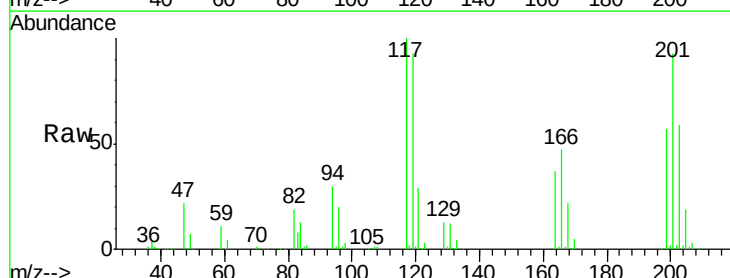
Manual Integrations
APPROVED

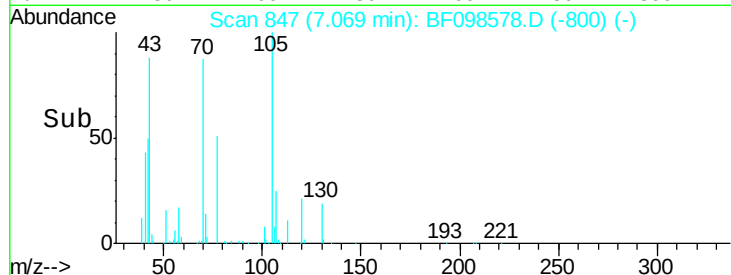
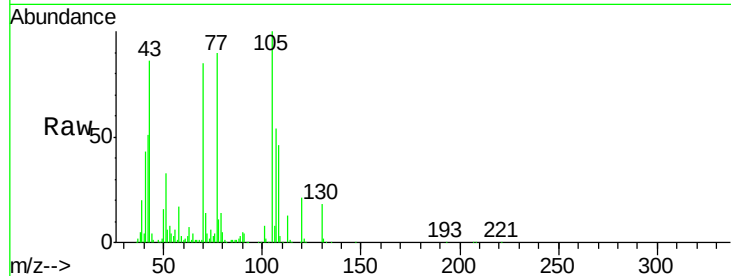
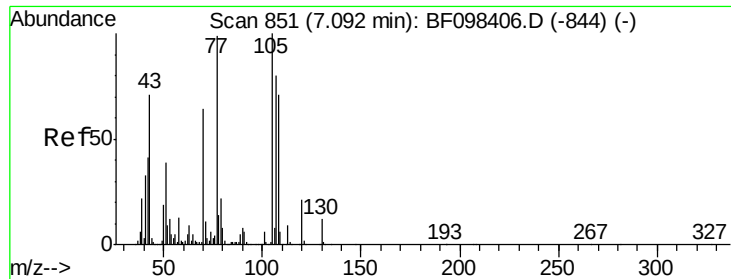
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#18
Hexachloroethane
Concen: 31.870 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132708		
119	93.1	77.4	116.0	
201	92.5	94.6	141.8#	





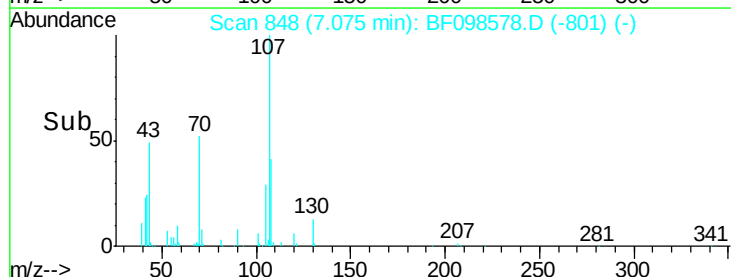
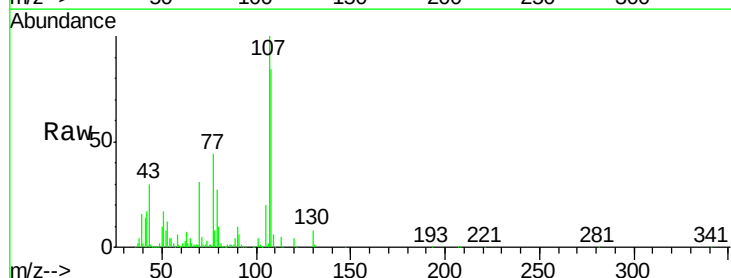
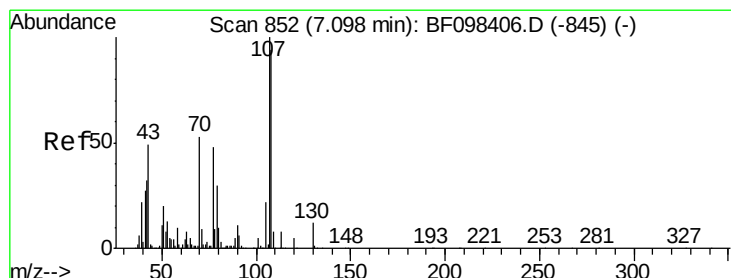
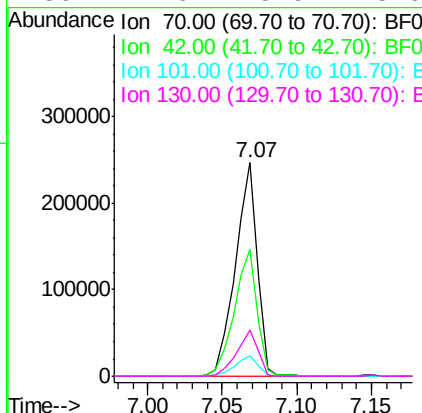
#19
n-Nitroso-di-n-propylamine
Concen: 33.042 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	253094		
42	59.6	47.2	70.8	
101	9.7	7.2	10.8	
130	21.6	15.9	23.9	

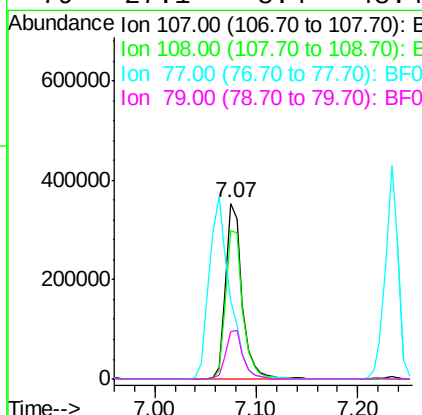
Manual Integrations
APPROVED

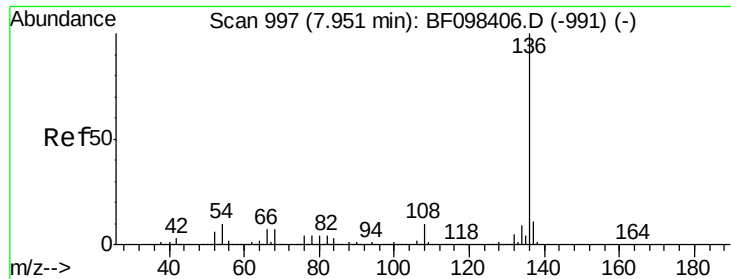
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#20
3+4-Methylphenols
Concen: 36.697 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	398261		
108	84.3	71.0	111.0	
77	44.2	90.5	130.5#	
79	27.1	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

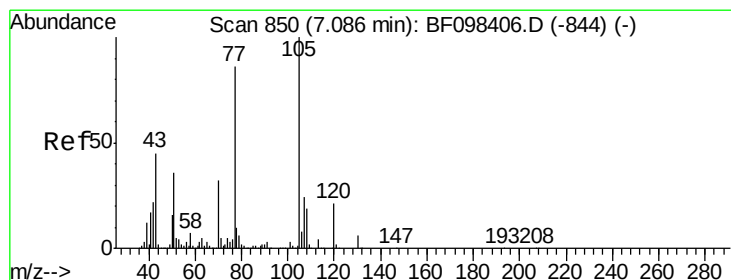
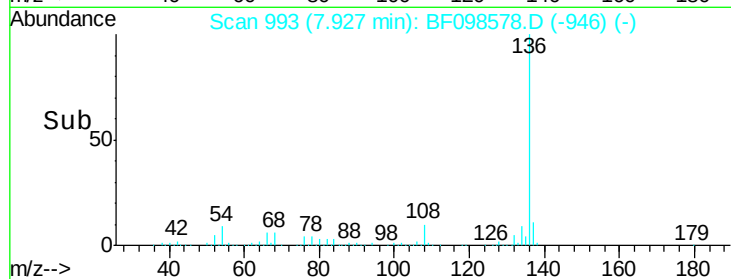
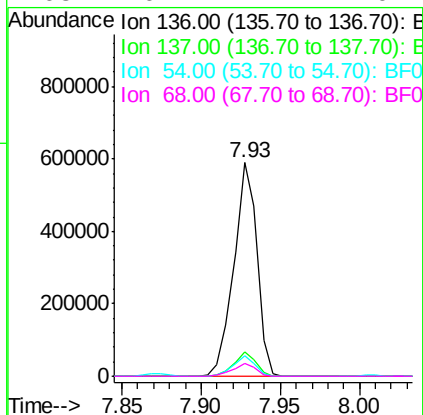
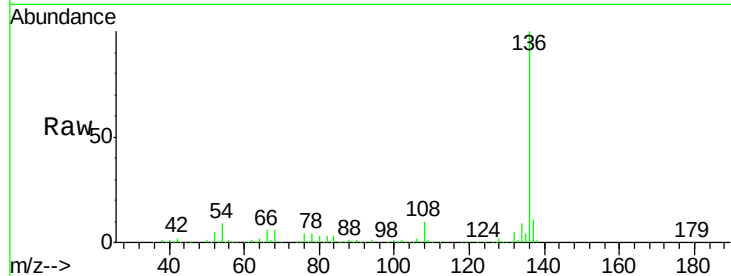
ClientSampleId :

UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	8.5	12.7
54	9.4	4.9	7.3#
68	6.2	4.1	6.1#

Manual Integrations
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#22

Acetophenone

Concen: 33.520 ng

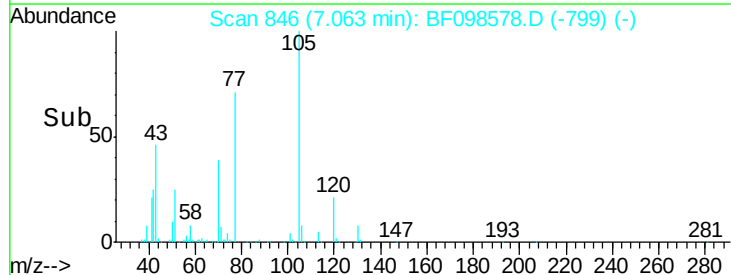
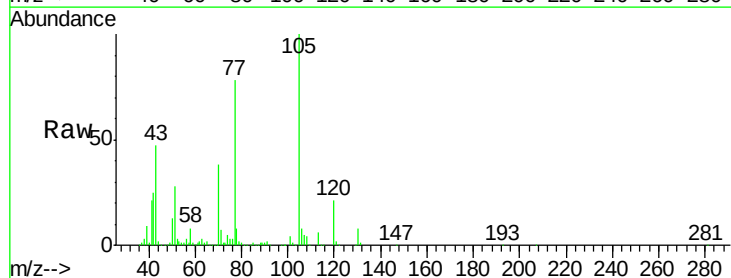
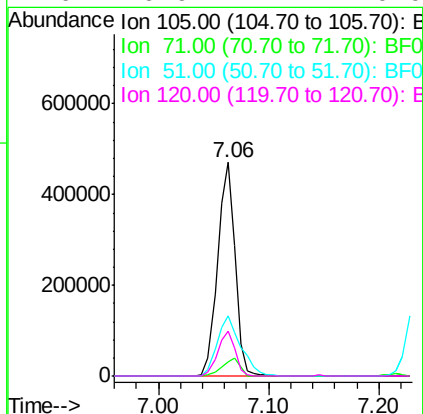
RT: 7.06 min Scan# 846

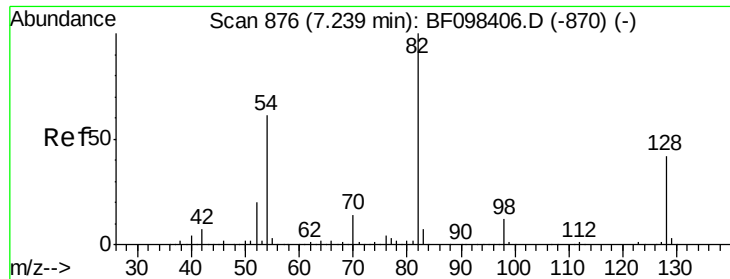
Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.6	2.8	4.2#
51	28.4	30.7	46.1#
120	20.9	17.4	26.0





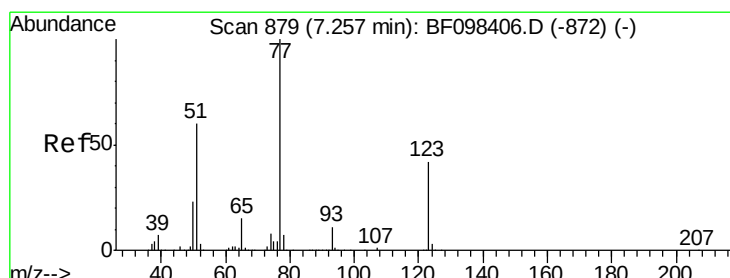
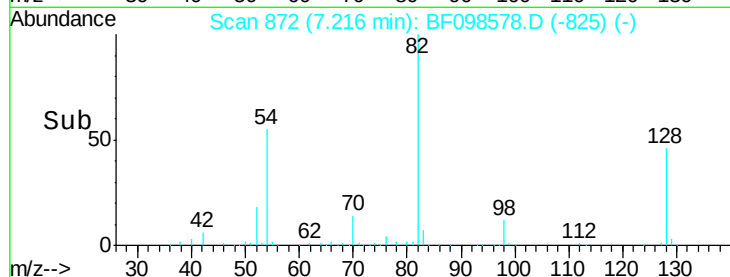
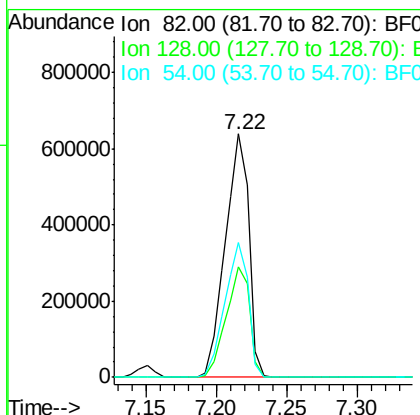
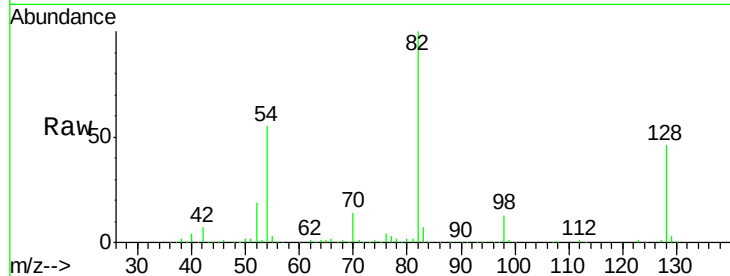
#23
 Nitrobenzene-d5
 Concen: 69.446 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	740002		
128	45.6	34.0	51.0	
54	55.4	42.2	63.2	

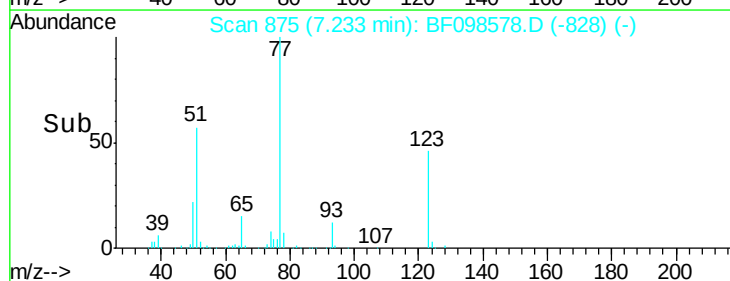
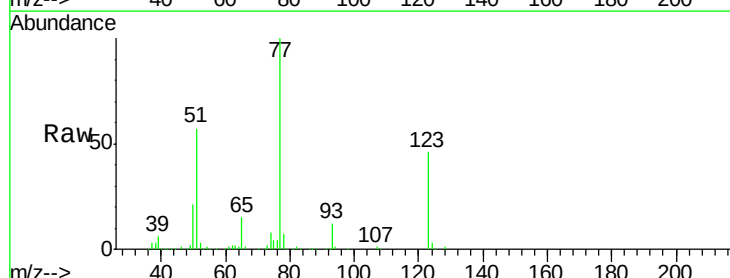
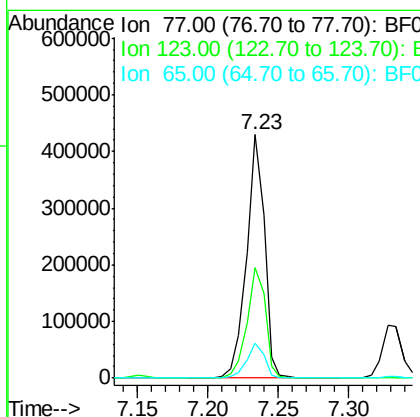
Manual Integrations
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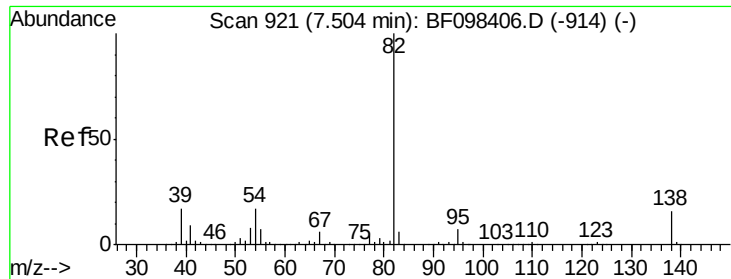
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#24
 Nitrobenzene
 Concen: 31.535 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	382759		
123	45.5	35.8	53.8	
65	14.6	10.6	15.8	





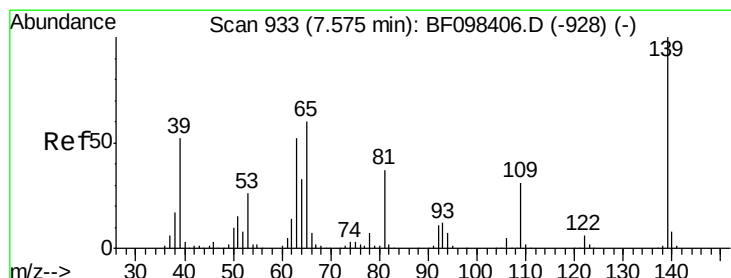
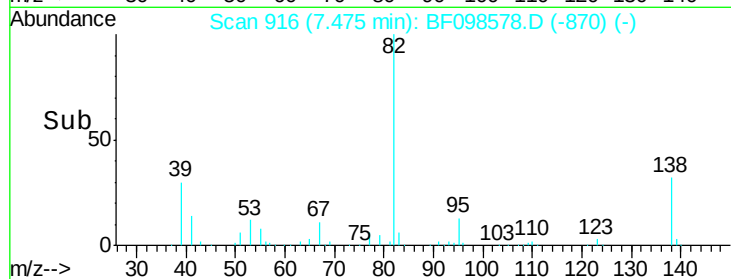
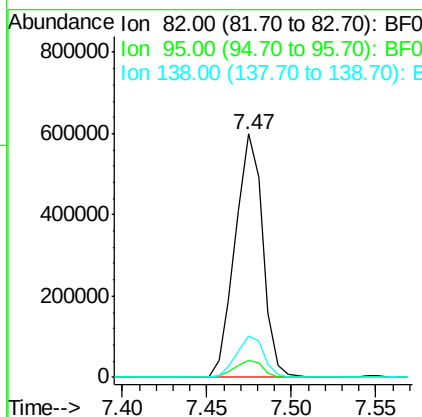
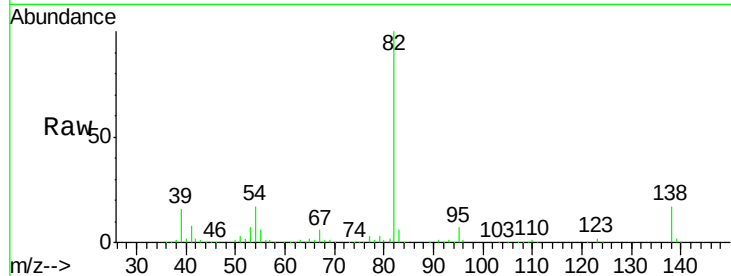
#25
Isophorone
Concen: 31.777 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.9	5.3	7.9
138	17.2	13.1	19.7

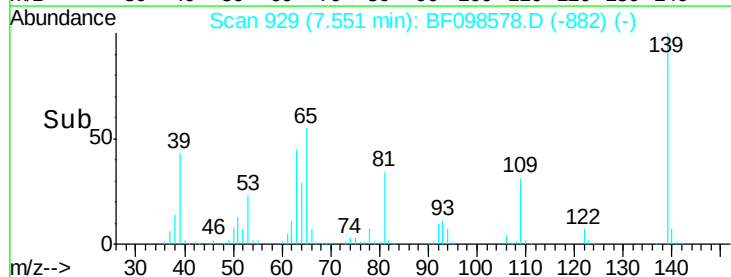
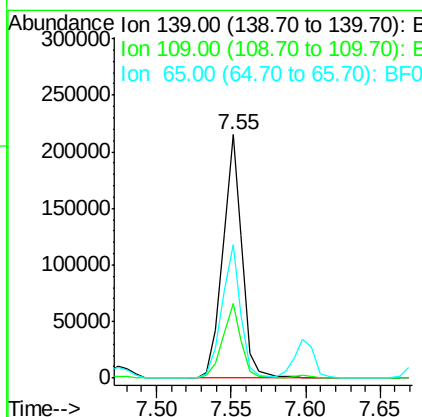
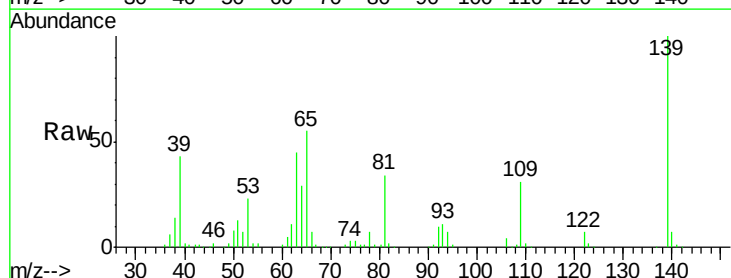
Manual Integrations
APPROVED

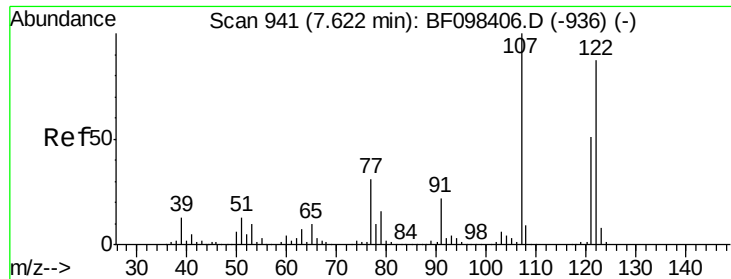
Sohil
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#26
2-Nitrophenol
Concen: 39.704 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	30.6	21.0	31.6
65	54.9	33.0	49.6





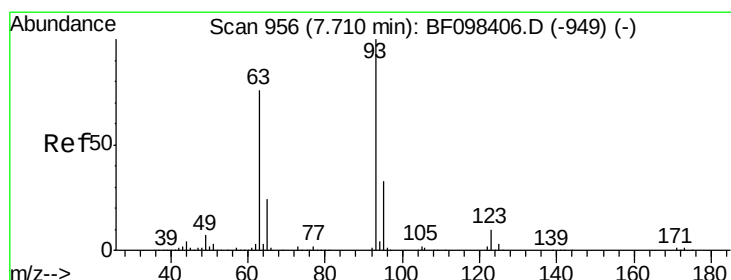
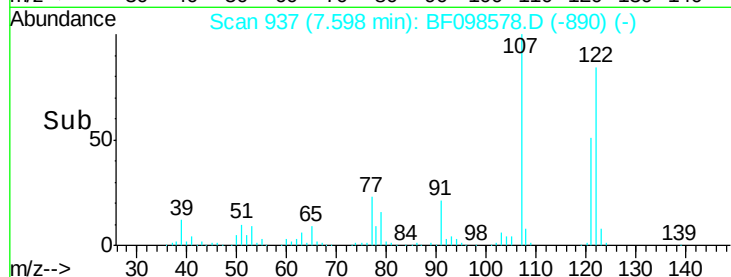
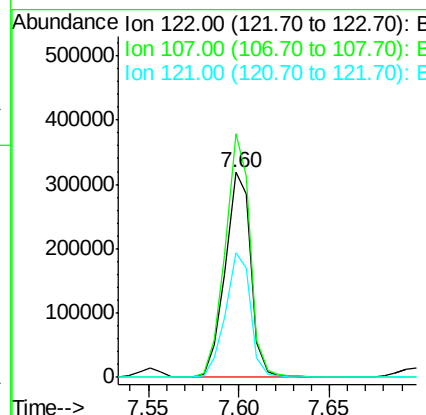
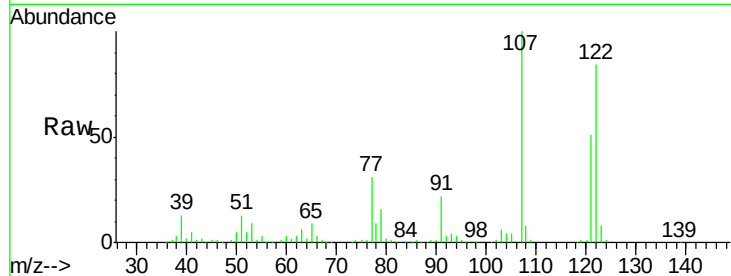
#27
 2,4-Dimethylphenol
 Concen: 33.518 ng
 RT: 7.60 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	313127		
107	118.9	89.2	133.8	
121	60.7	45.2	67.8	

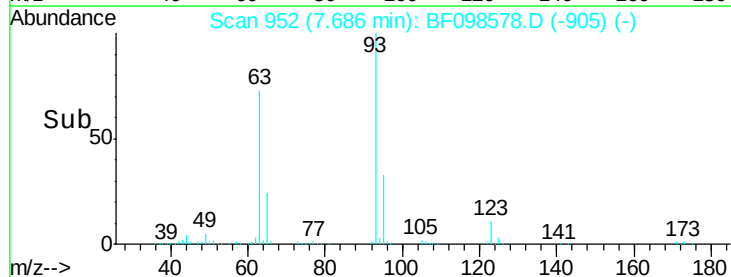
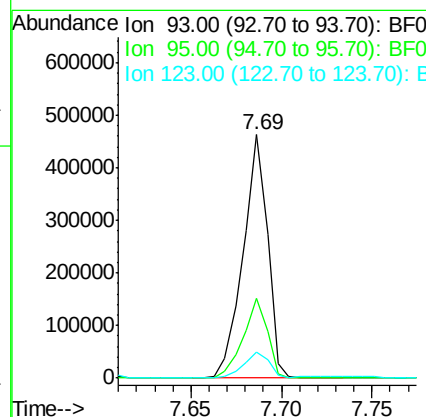
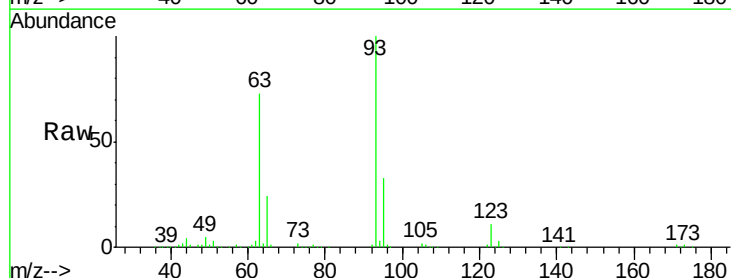
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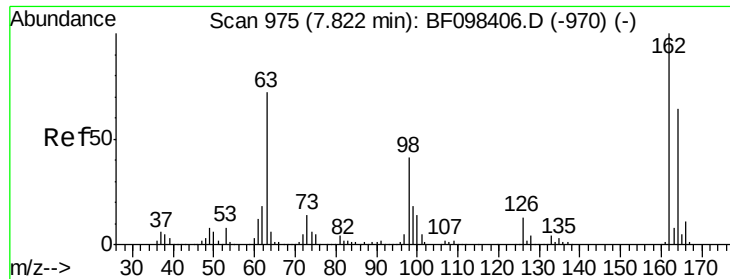
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.053 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	434820		
95	32.9	26.5	39.7	
123	10.8	9.0	13.4	





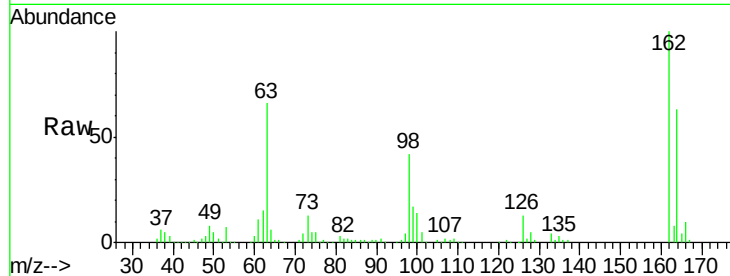
#29
2,4-Dichlorophenol
Concen: 38.850 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

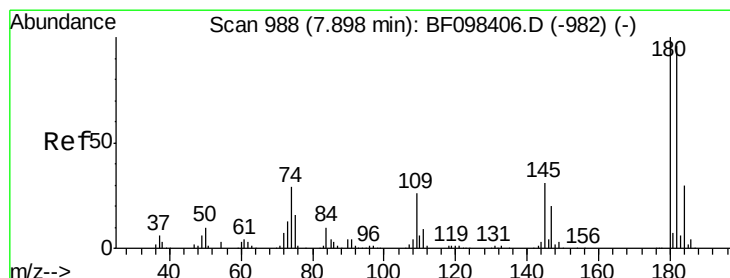
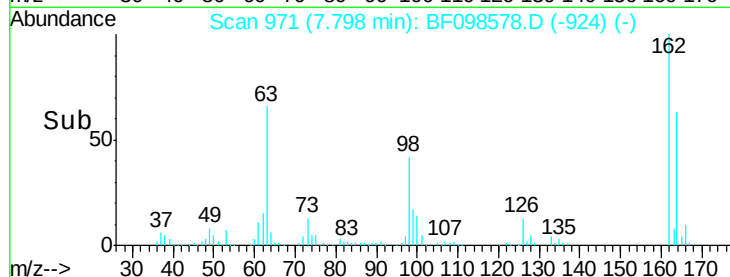
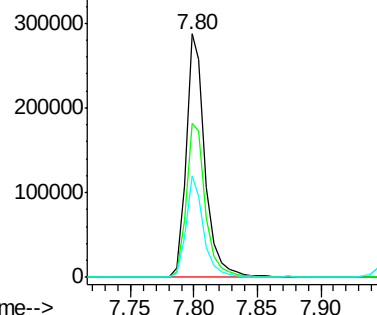
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	301855		
164	63.5	44.6	84.6	
98	41.5	14.8	54.8	

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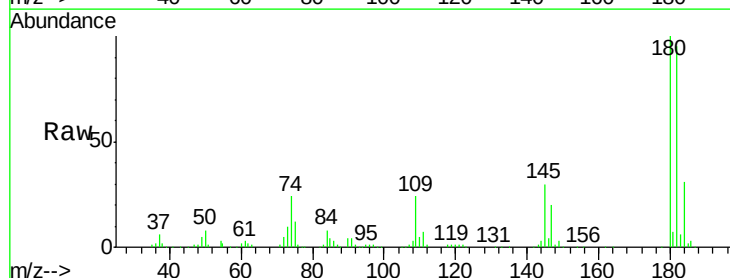


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

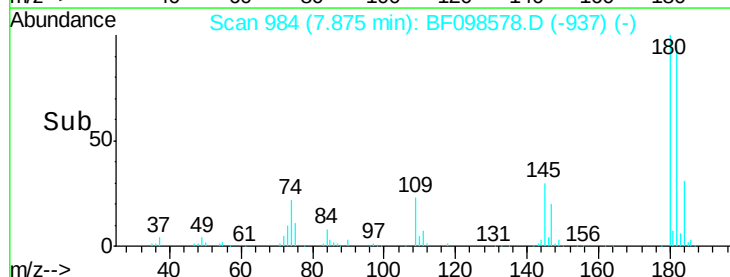
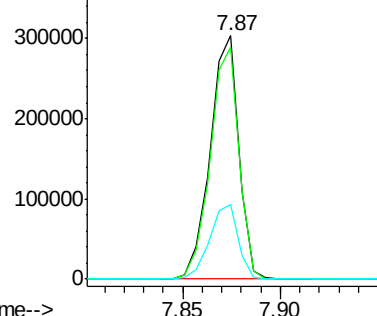


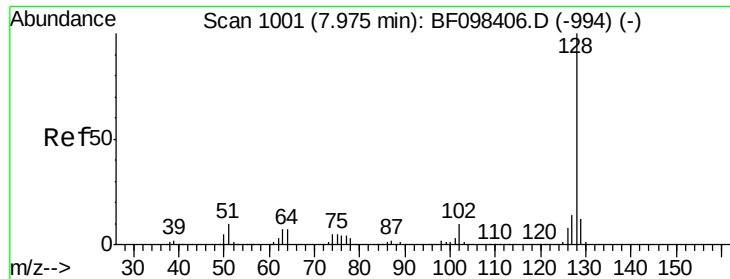
#30
1,2,4-Trichlorobenzene
Concen: 36.311 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306894		
182	95.4	75.8	113.6	
145	30.4	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





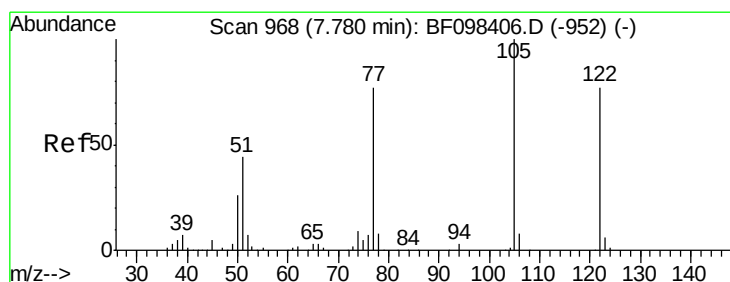
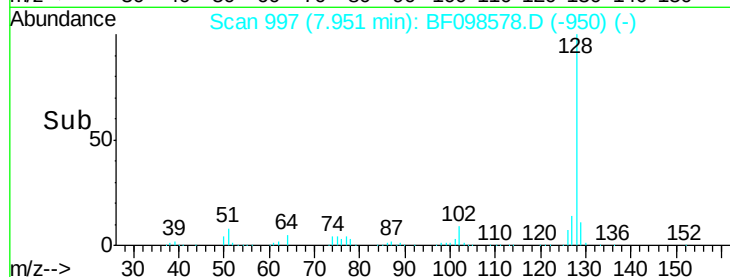
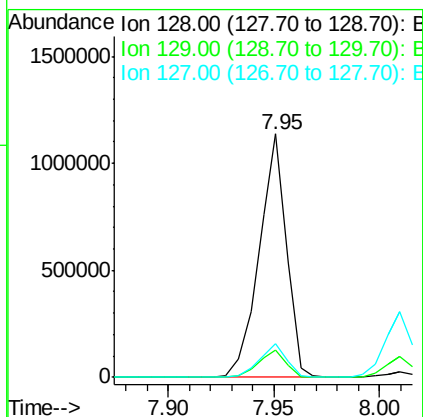
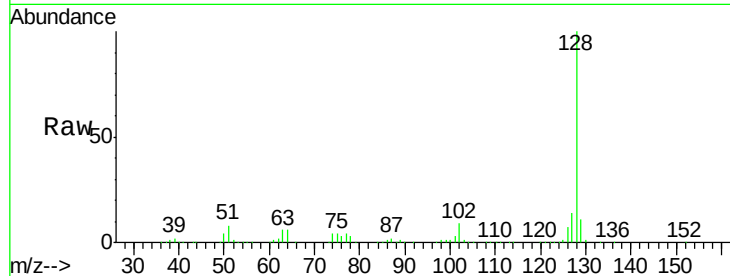
#31
Naphthalene
Concen: 34.792 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion:128 Resp: 1021759
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2

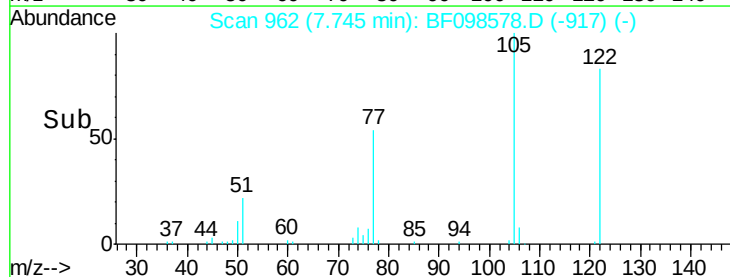
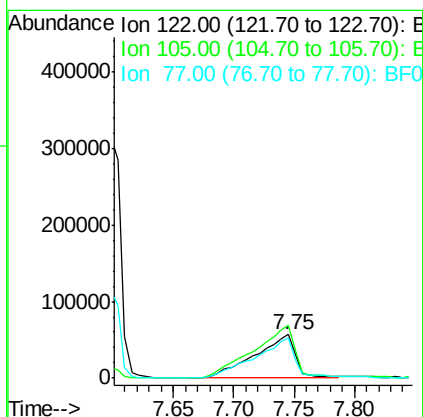
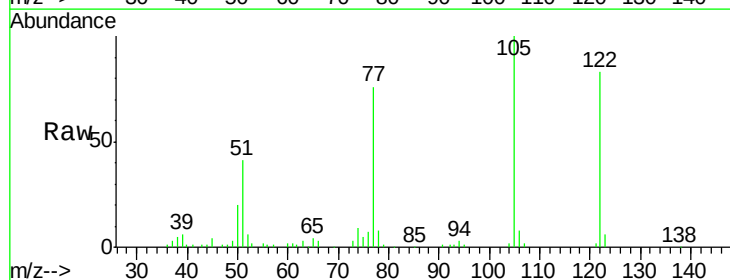
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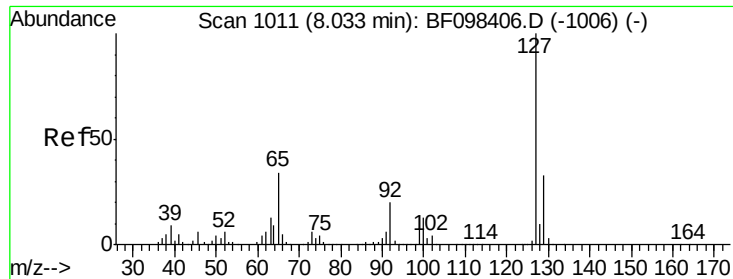
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#32
Benzoic acid
Concen: 25.227 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.03 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion:122 Resp: 129685
Ion Ratio Lower Upper
122 100
105 121.1 103.3 143.3
77 92.4 73.7 113.7





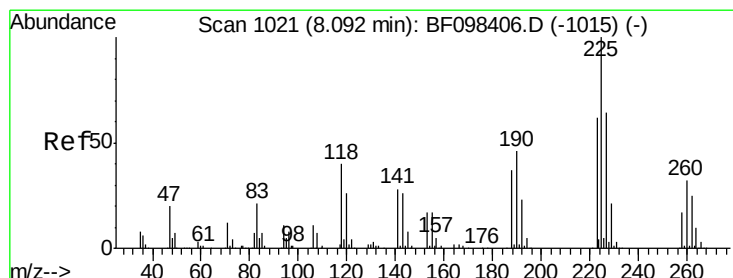
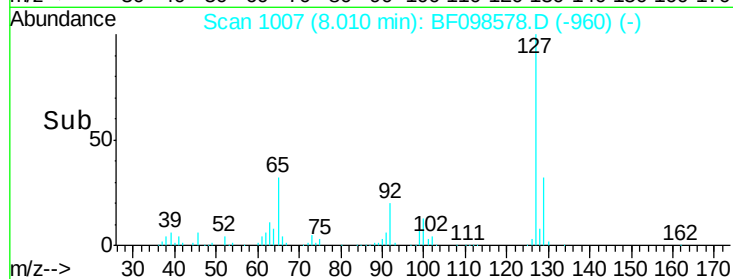
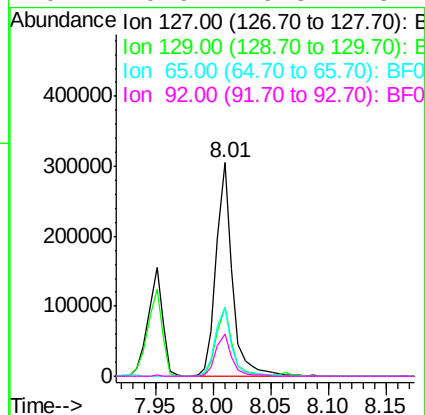
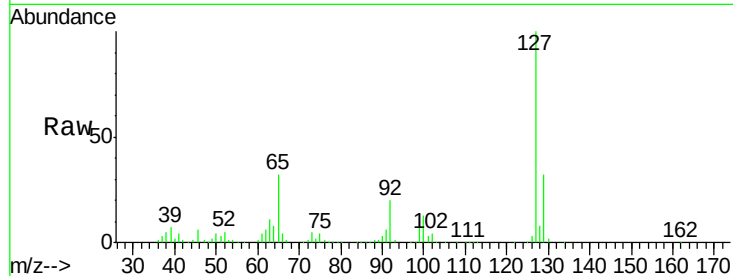
#33
4-Chloroaniline
Concen: 24.795 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	295940		
129	32.2	26.2	39.2	
65	32.3	27.8	41.8	
92	19.9	16.8	25.2	

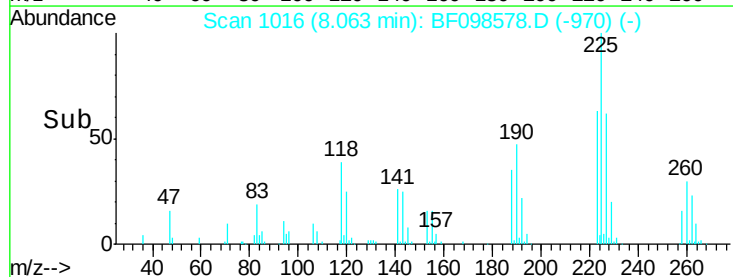
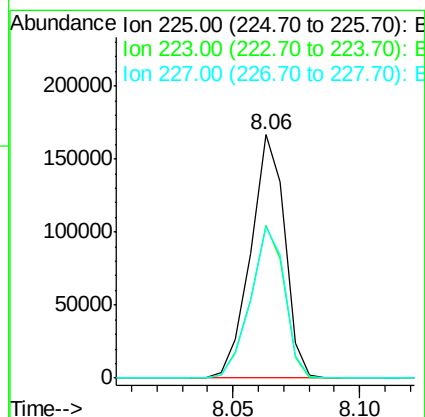
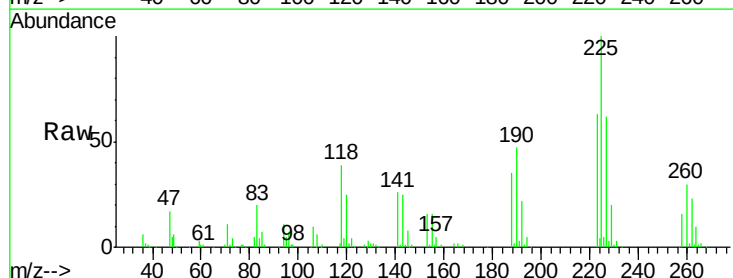
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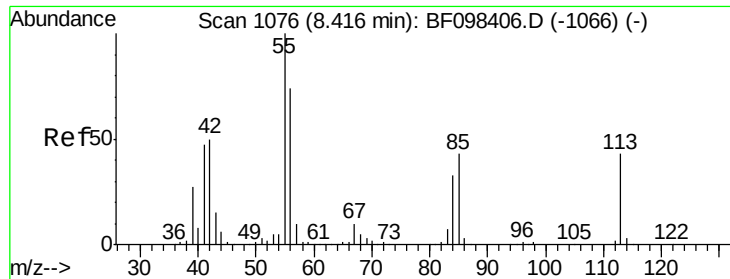
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#34
Hexachlorobutadiene
Concen: 35.958 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.03 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156017		
223	62.6	48.8	73.2	
227	62.4	51.1	76.7	





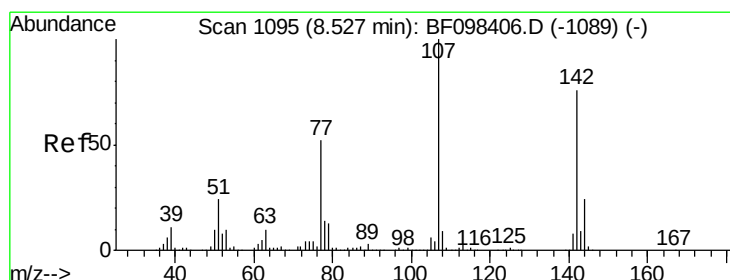
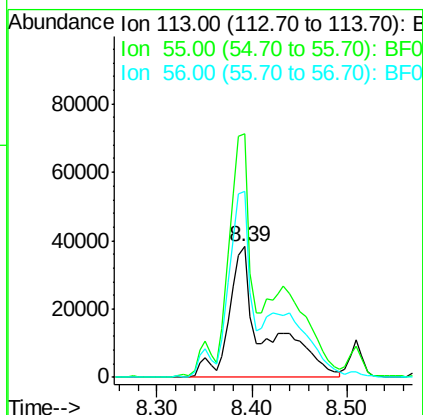
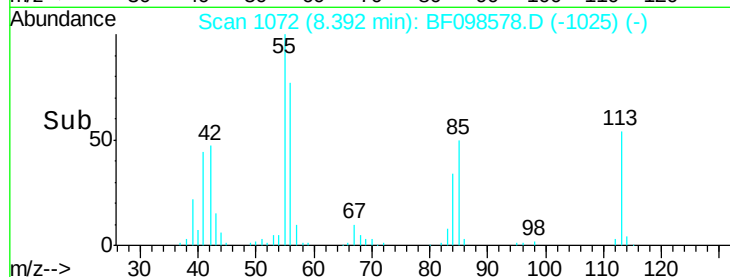
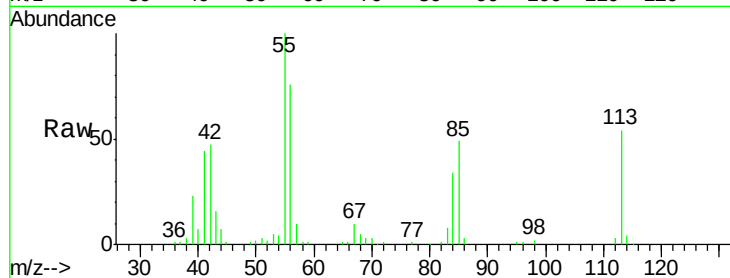
#35
 Caprolactam
 Concen: 38.117 ng m
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion:113 Resp: 102124
 Ion Ratio Lower Upper
 113 100
 55 186.1 150.2 190.2
 56 141.9 107.8 147.8

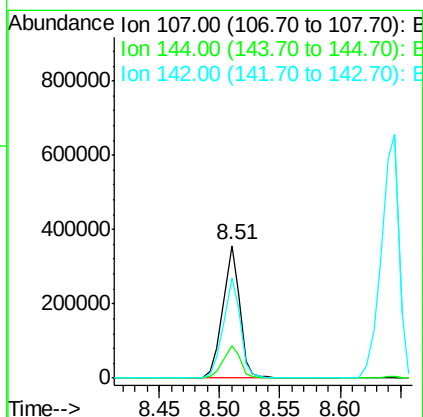
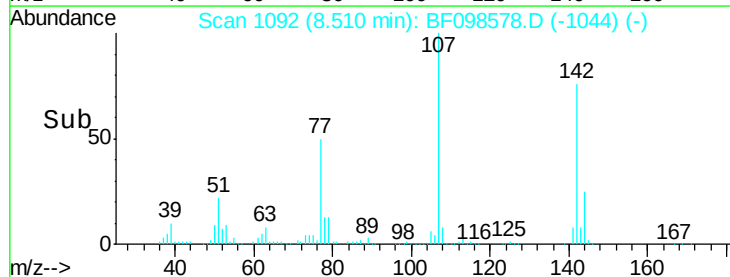
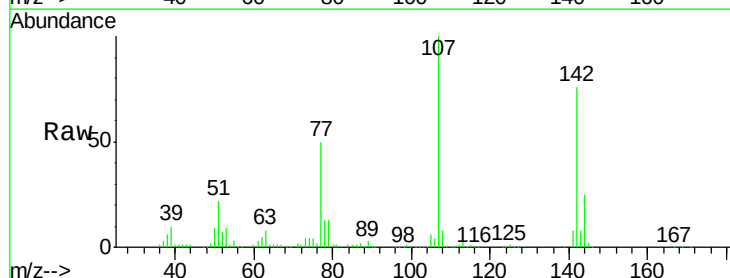
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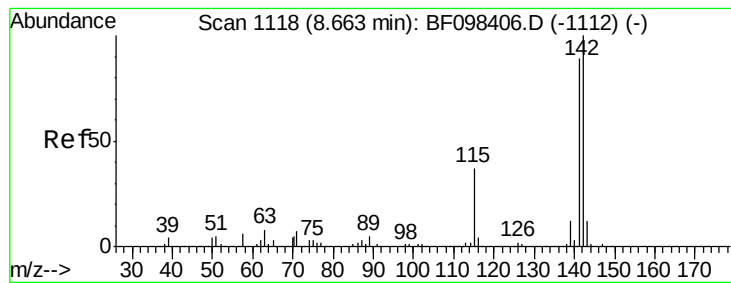
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#36
 4-Chloro-3-methylphenol
 Concen: 35.971 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion:107 Resp: 346609
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 75.5 73.4 110.0





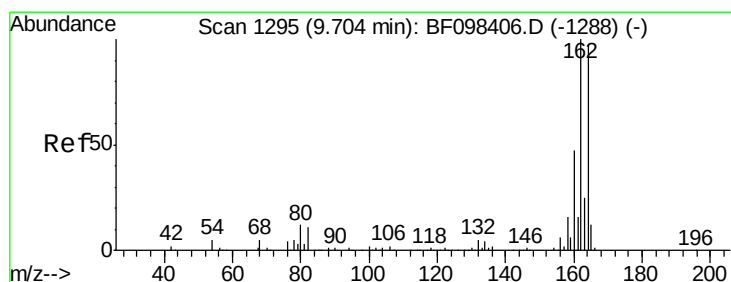
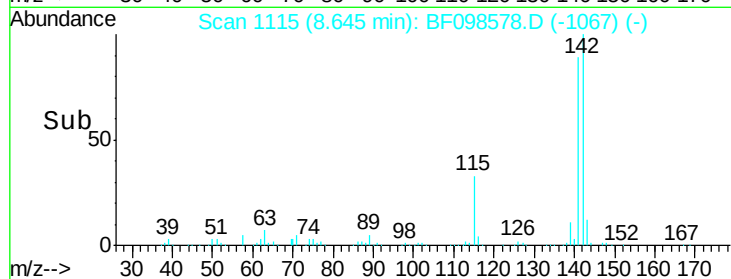
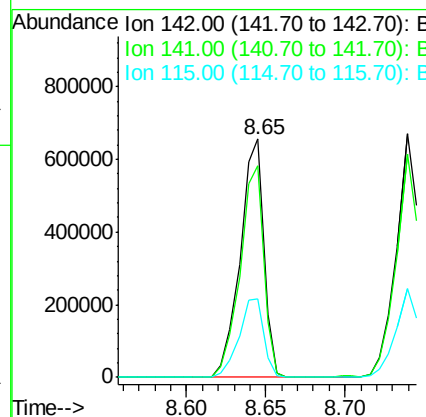
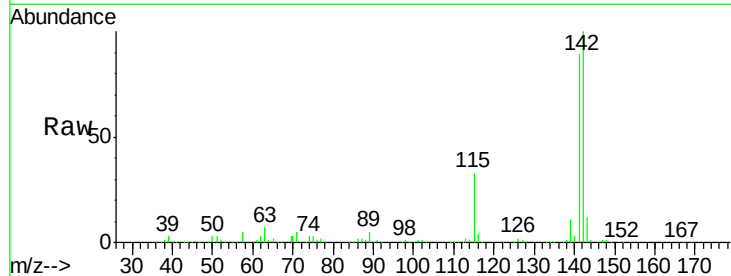
#37
2-Methylnaphthalene
Concen: 38.017 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	33.1	27.1	40.7

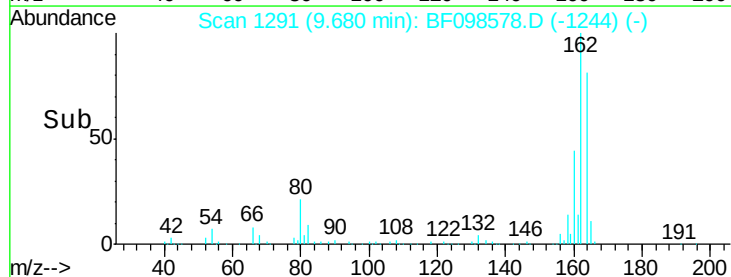
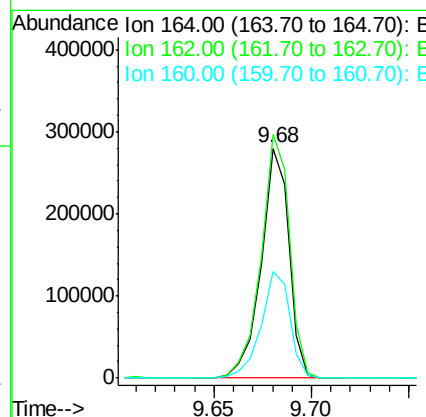
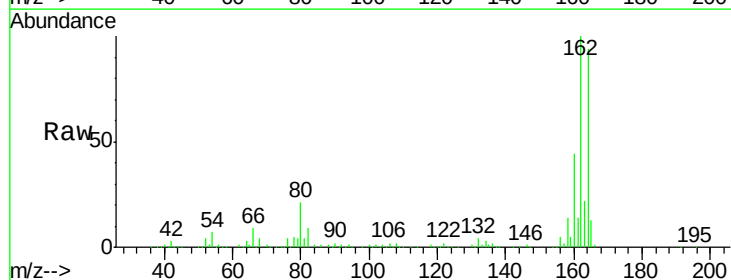
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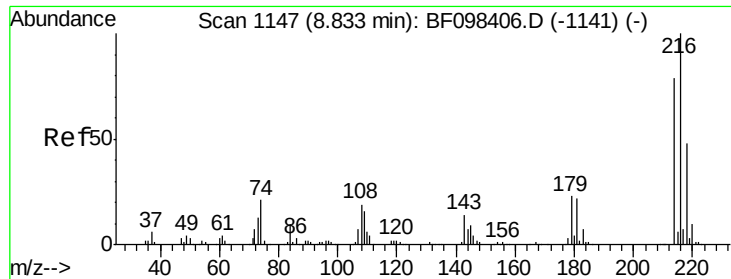
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	46.4	36.2	54.2





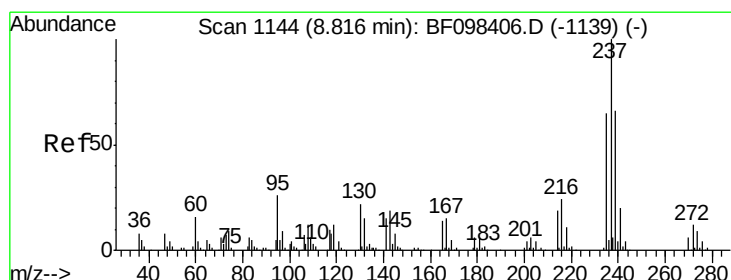
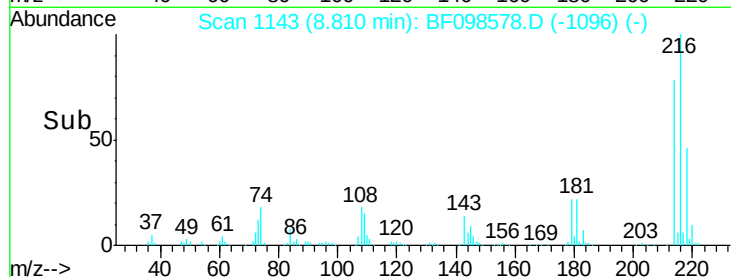
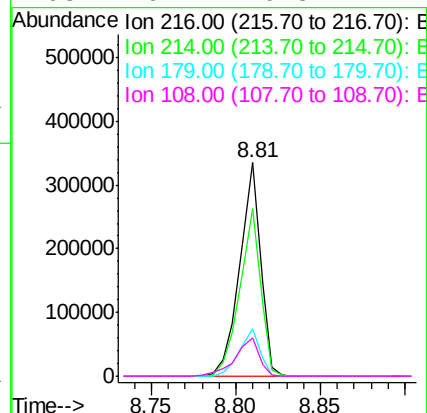
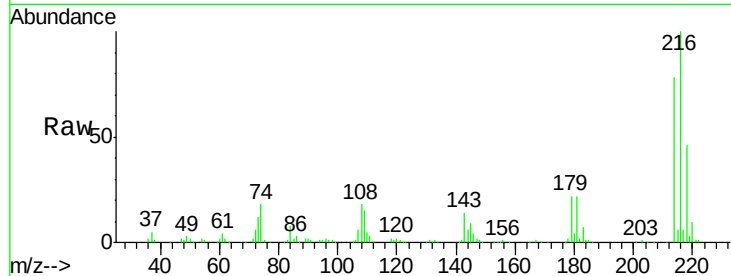
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.595 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	288098		
214	78.7	63.4	95.2	
179	22.2	17.9	26.9	
108	20.4	16.5	24.7	

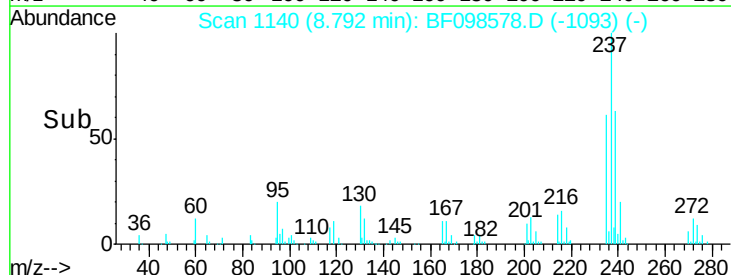
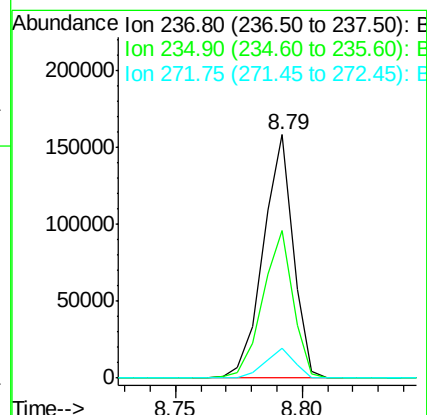
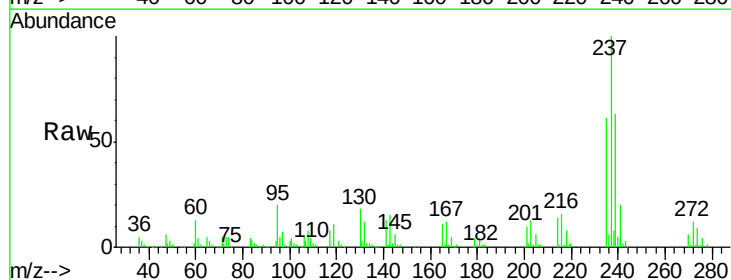
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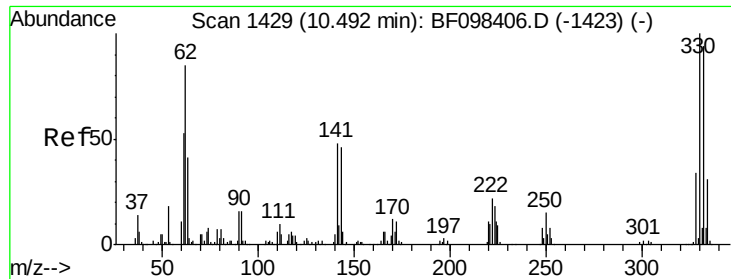
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#40
 Hexachlorocyclopentadiene
 Concen: 55.387 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	130434		
235	60.7	42.6	82.6	
272	12.2	0.0	31.9	





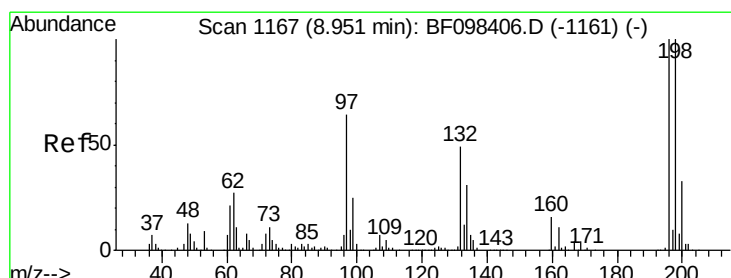
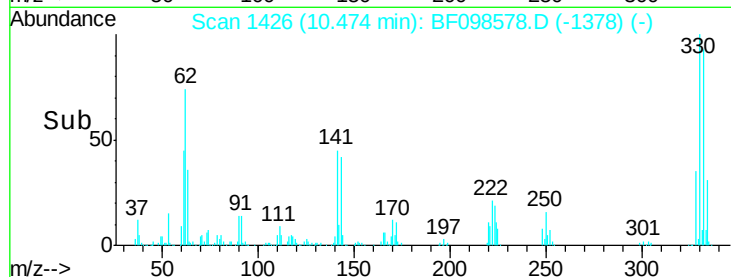
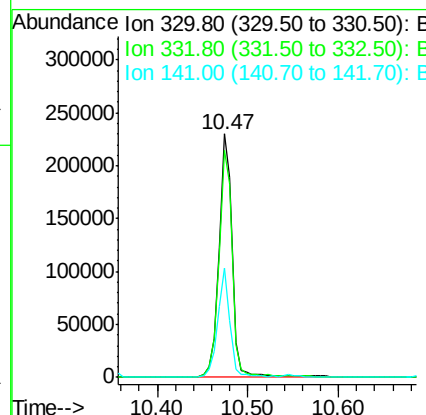
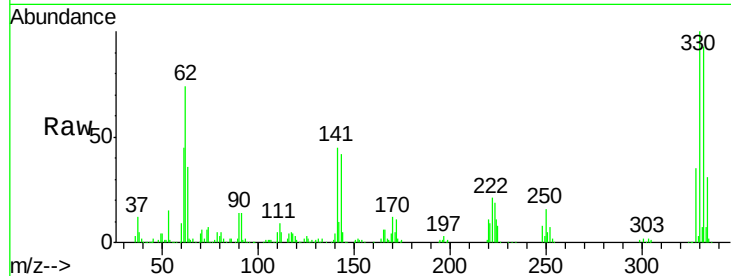
#41
 2,4,6-Tribromophenol
 Concen: 127.582 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	41.4	31.4	47.2

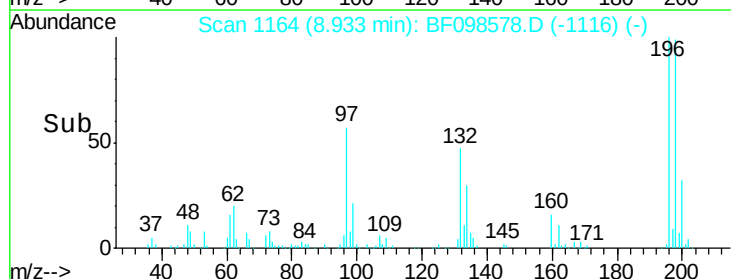
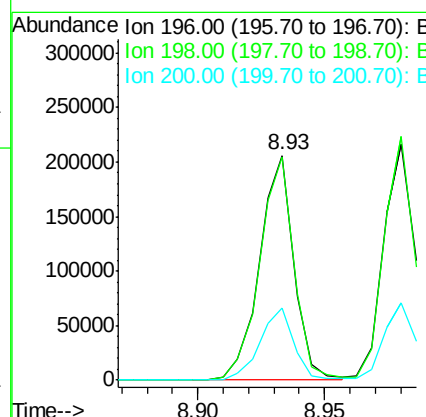
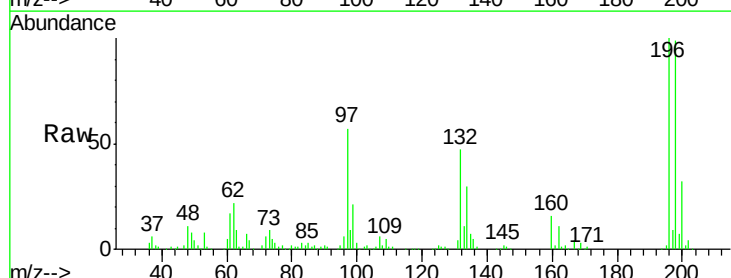
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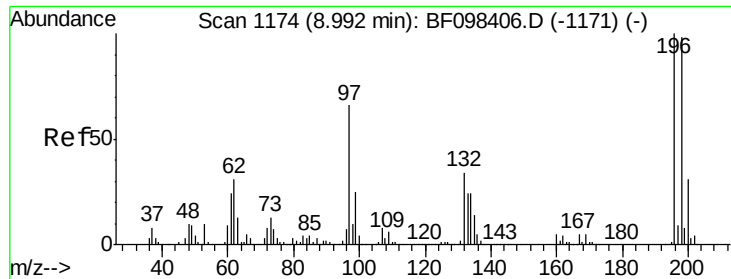
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#42
 2,4,6-Trichlorophenol
 Concen: 38.947 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	74.2	111.4
200	31.8	24.0	36.0





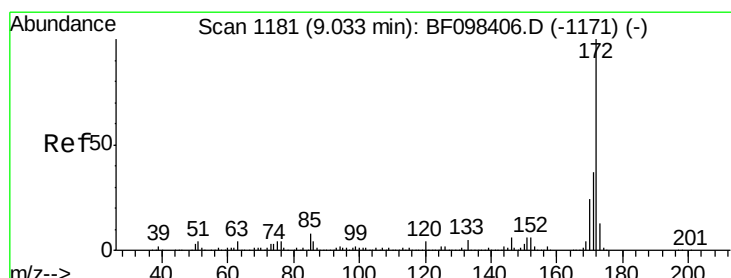
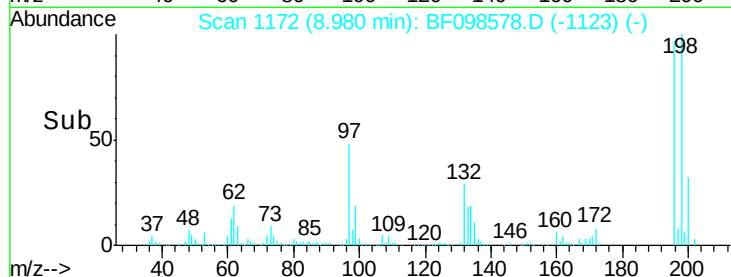
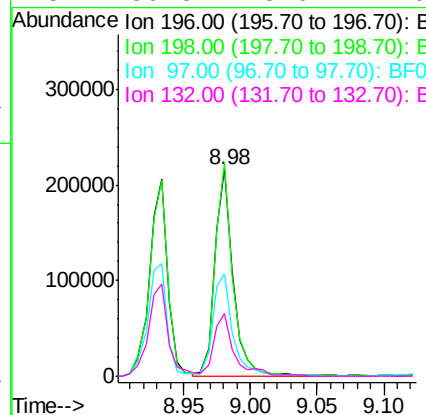
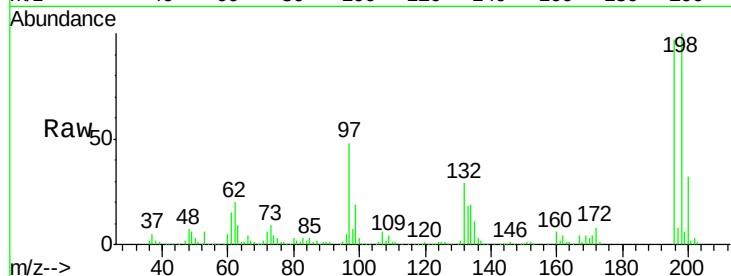
#43
 2,4,5-Trichlorophenol
 Concen: 39.422 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207548		
198	103.3	75.7	113.5	
97	49.7	47.7	71.5	
132	30.3	28.0	42.0	

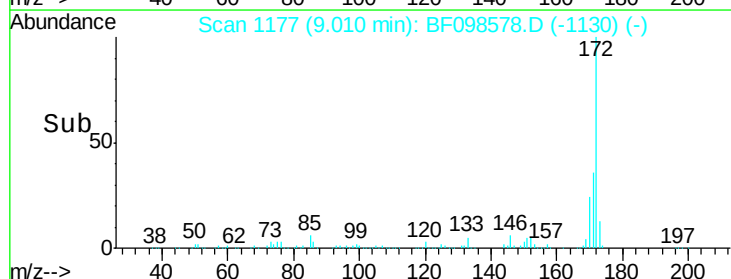
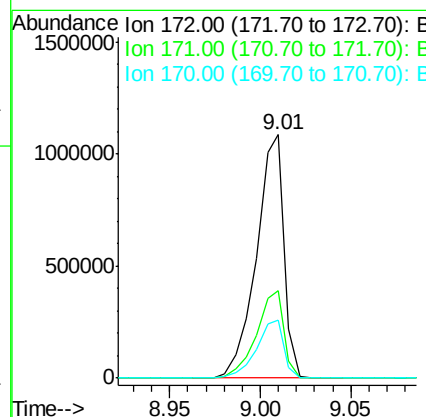
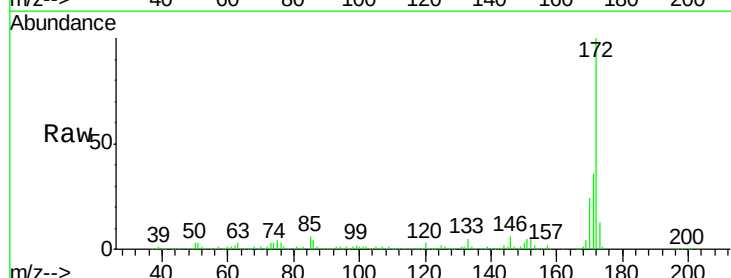
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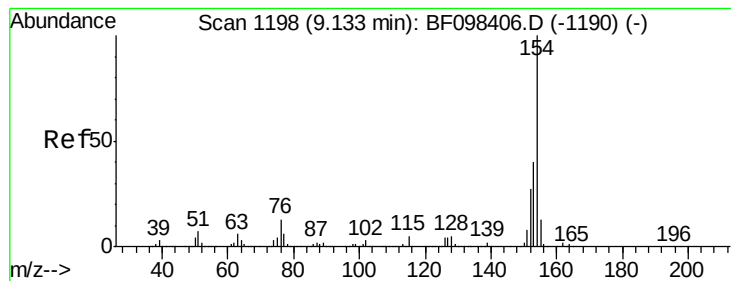
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 70.408 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1143628		
171	35.8	29.6	44.4	
170	23.8	19.8	29.8	





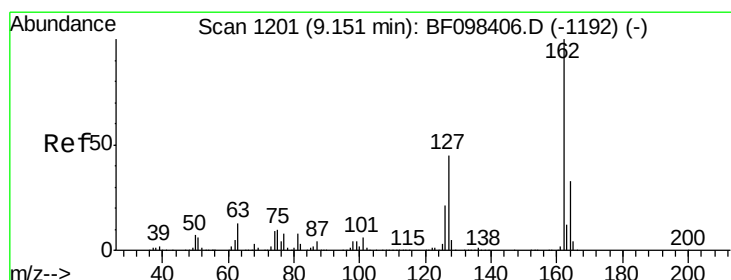
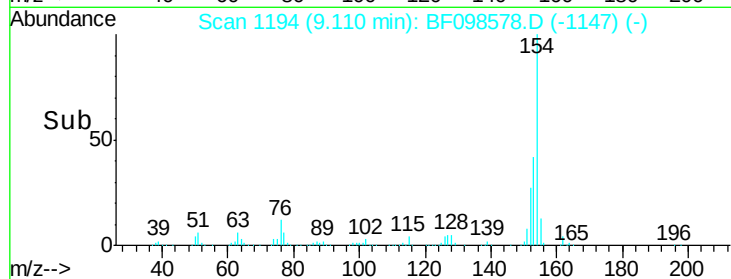
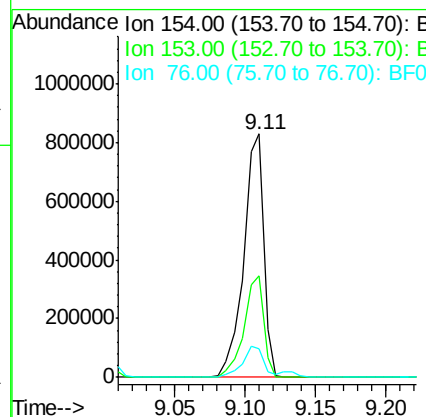
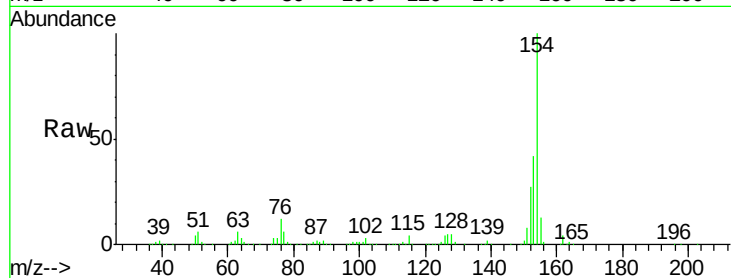
#45
 1,1'-Biphenyl
 Concen: 33.277 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion:	154	Resp:	819990
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.2	61.2
76	11.8	0.0	29.9

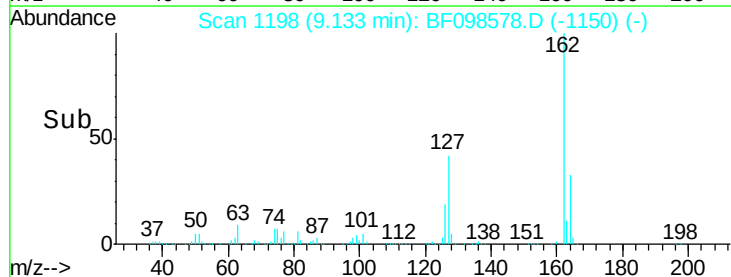
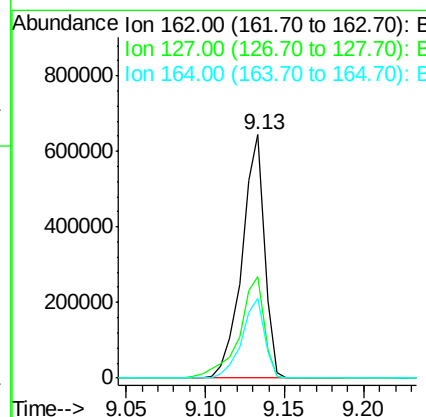
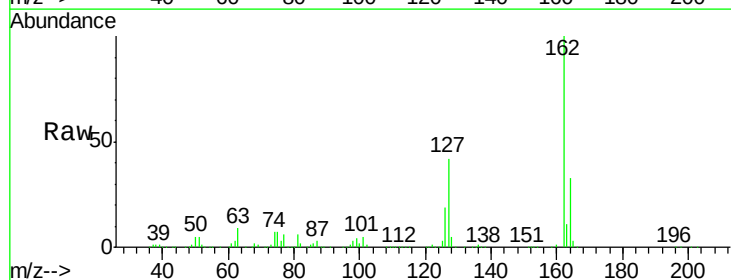
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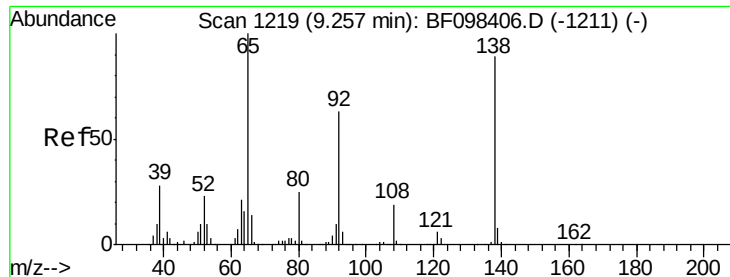
Sohil
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#46
 2-Chloronaphthalene
 Concen: 35.724 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion:	162	Resp:	628680
Ion Ratio	Lower	Upper	
162	100		
127	42.0	28.3	42.5
164	33.0	27.0	40.4





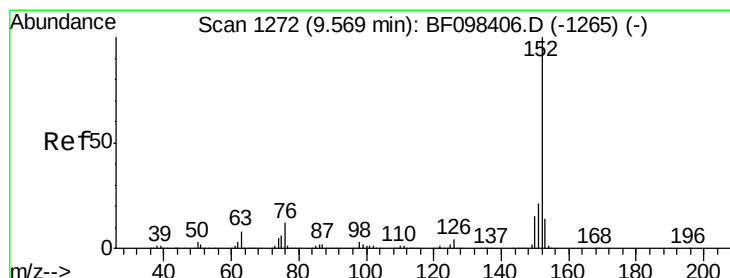
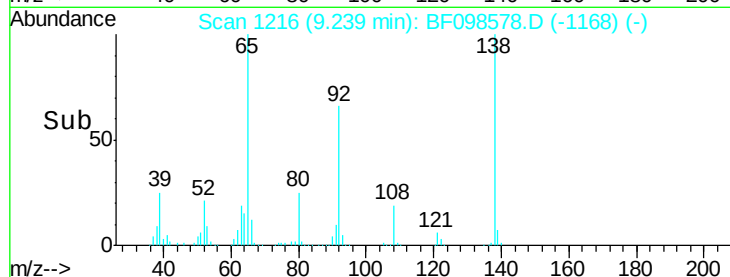
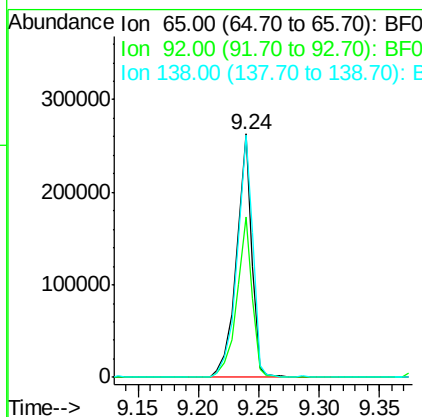
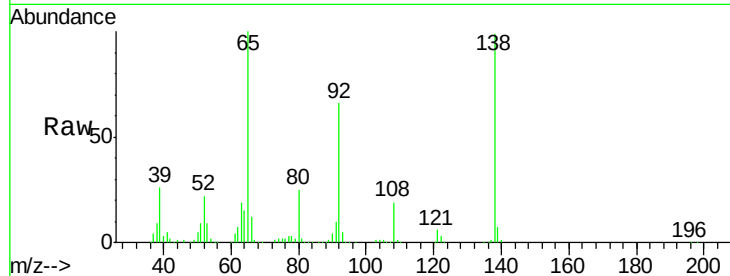
#47
2-Nitroaniline
Concen: 34.586 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	65.9	53.9	80.9
138	99.4	78.8	118.2

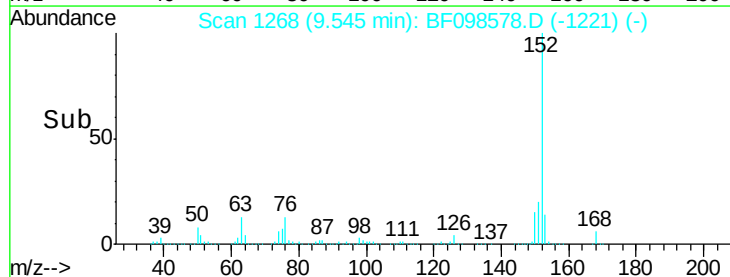
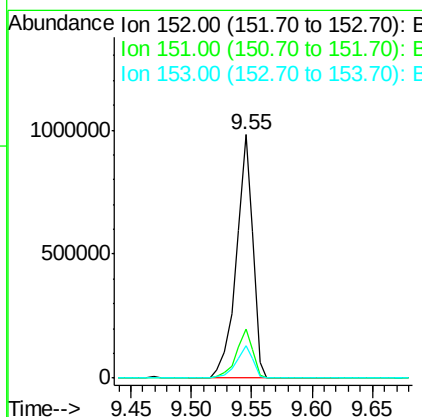
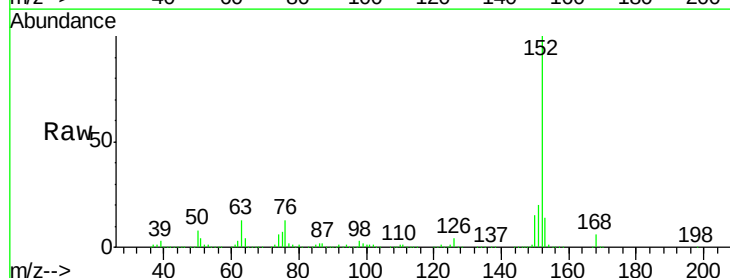
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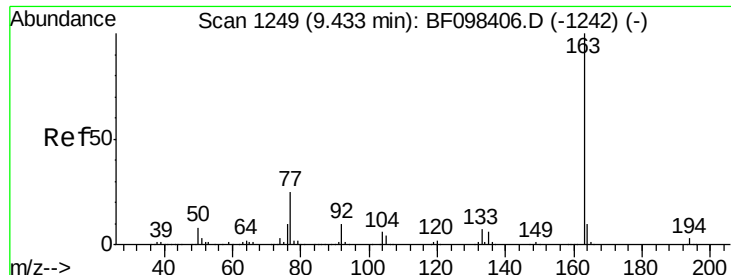
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#48
Acenaphthylene
Concen: 35.578 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.3	16.8	25.2
153	13.5	10.8	16.2





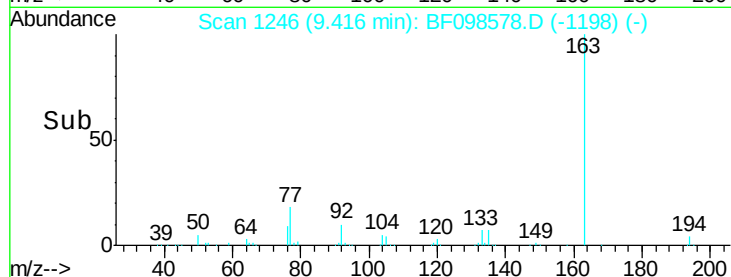
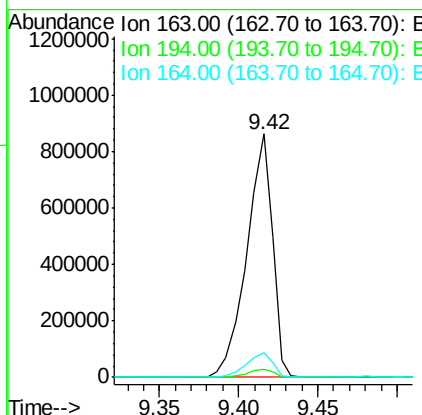
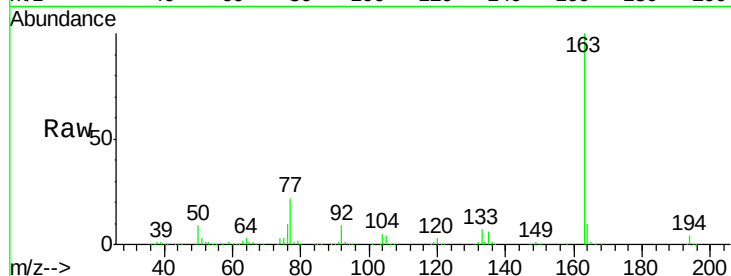
#49
Dimethylphthalate
Concen: 45.583 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	971412		
194	3.6		2.6	4.0
164	10.1		8.4	12.6

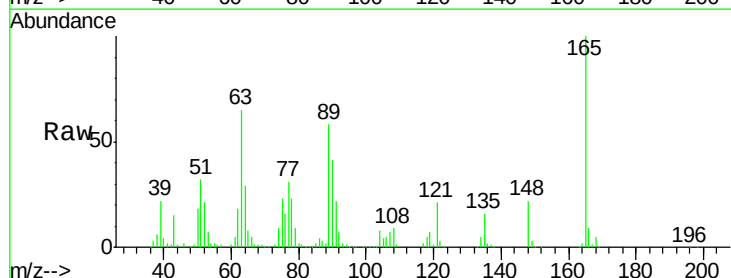
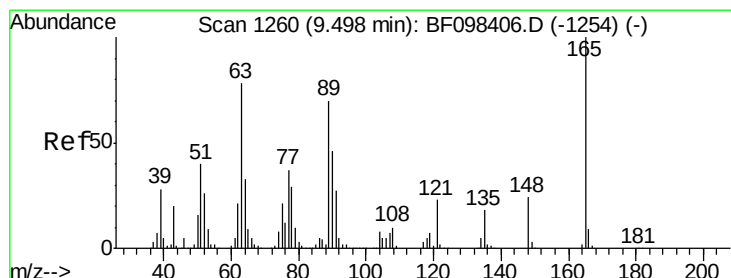
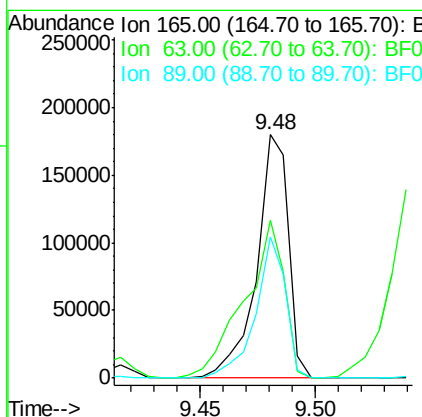
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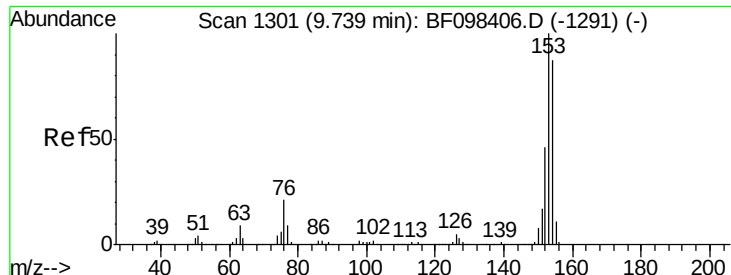
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#50
2,6-Dinitrotoluene
Concen: 39.389 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172425		
63	65.0		34.3	51.5#
89	57.9		37.1	55.7#





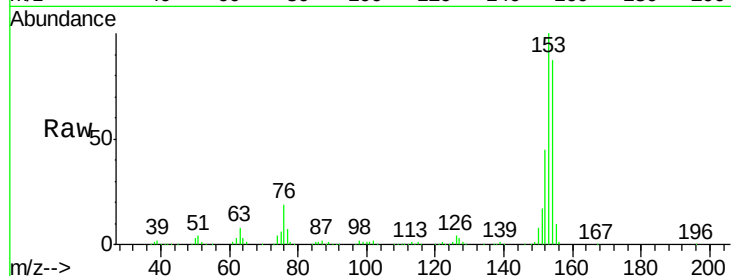
#51
 Acenaphthene
 Concen: 35.483 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

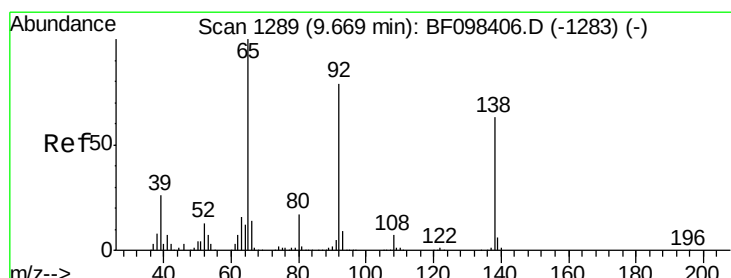
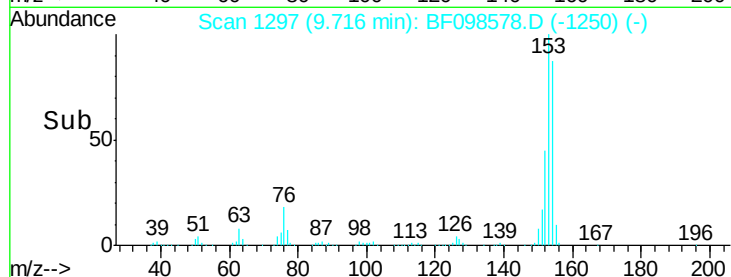
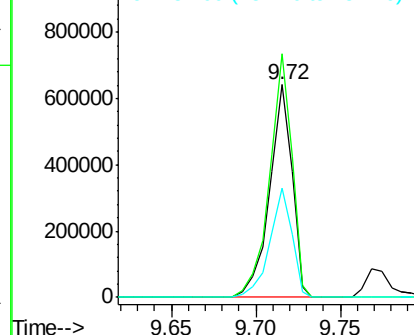
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	590182		
153	114.4	90.5	135.7	
152	51.1	43.6	65.4	

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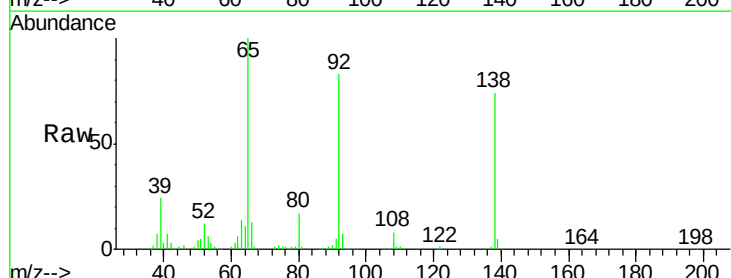


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

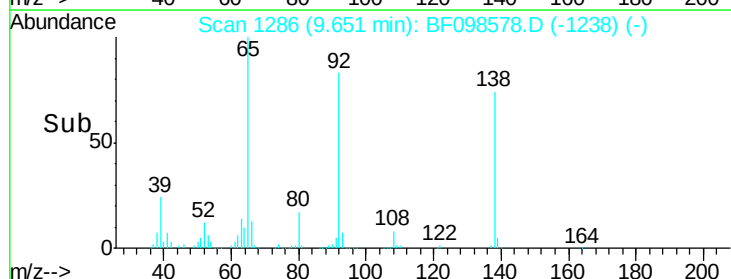
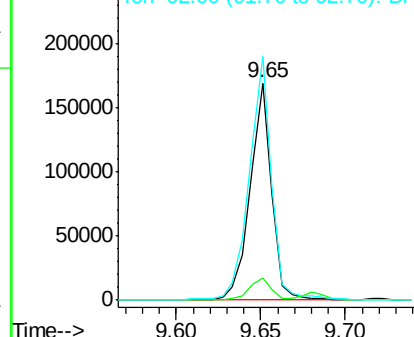


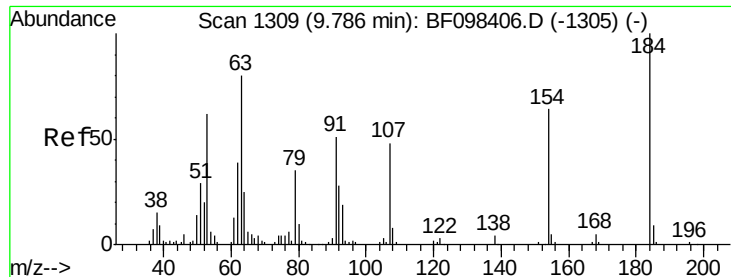
#52
 3-Nitroaniline
 Concen: 28.490 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150546		
108	10.4	9.1	13.7	
92	112.3	93.8	140.6	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0





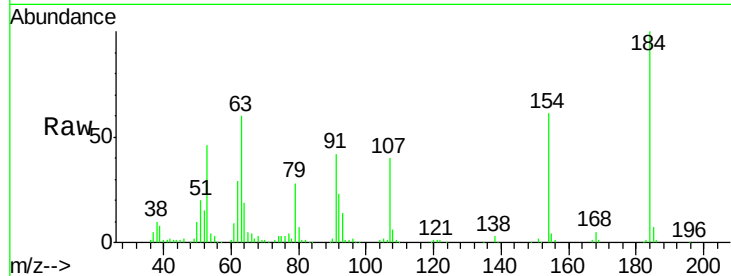
#53
2,4-Dinitrophenol
Concen: 73.206 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

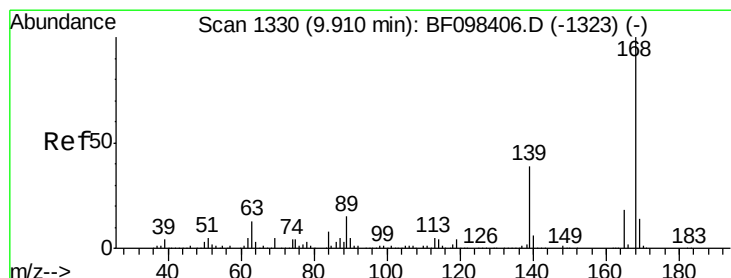
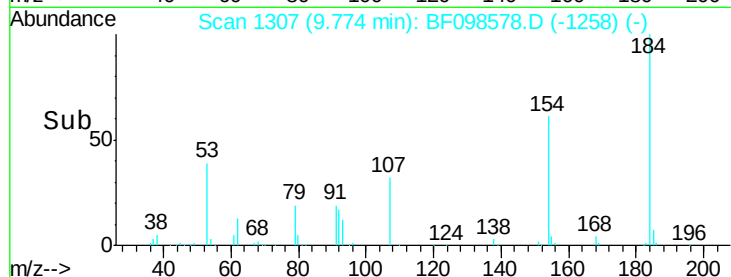
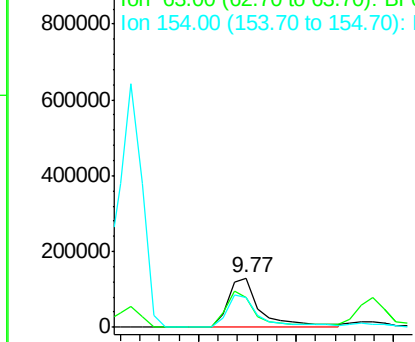
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	149802		
63	60.0	62.7	94.1#	
154	61.2	81.1	121.7#	

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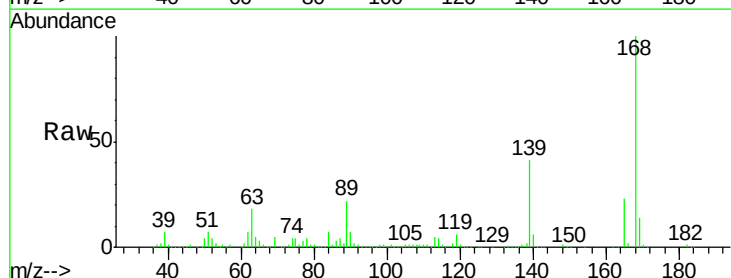


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

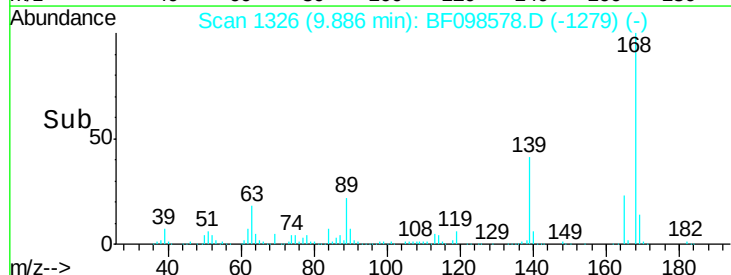
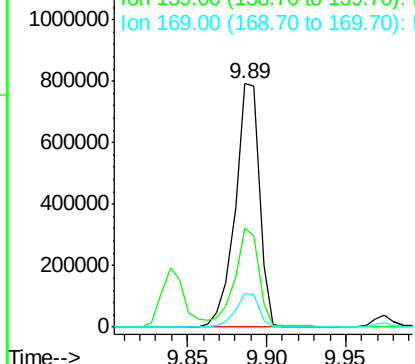


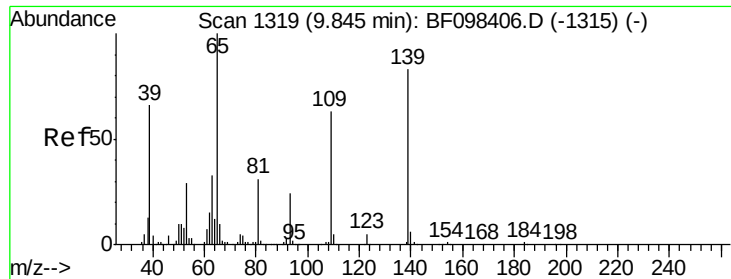
#54
Dibenzofuran
Concen: 38.396 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	841323		
139	40.7	30.6	45.8	
169	13.6	10.8	16.2	



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





#55

4-Nitrophenol

Concen: 65.104 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

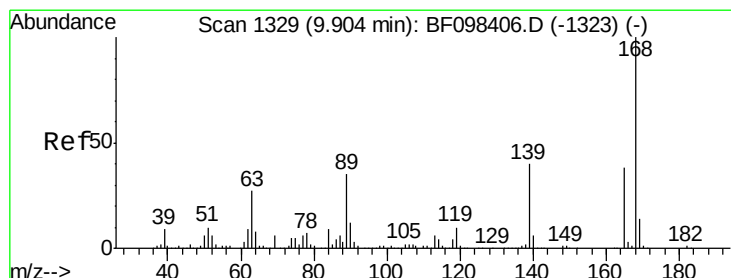
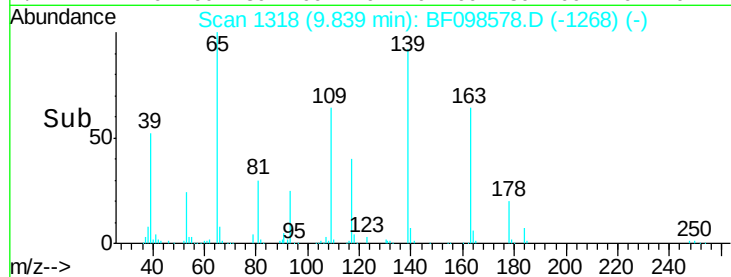
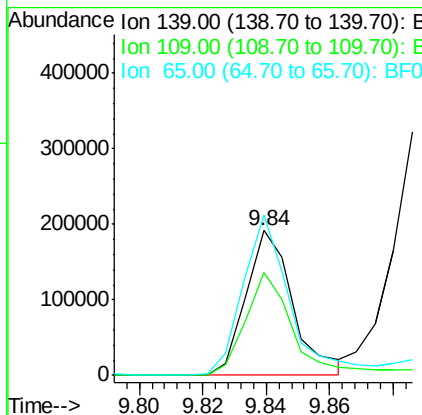
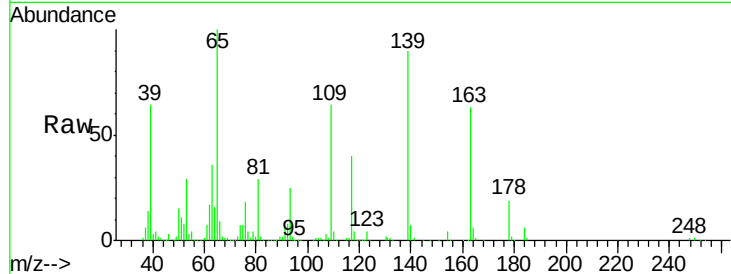
ClientSampleId :

UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197650		
109	70.7	34.1	74.1	
65	110.9	31.4	71.4#	

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#56

2,4-Dinitrotoluene

Concen: 41.872 ng

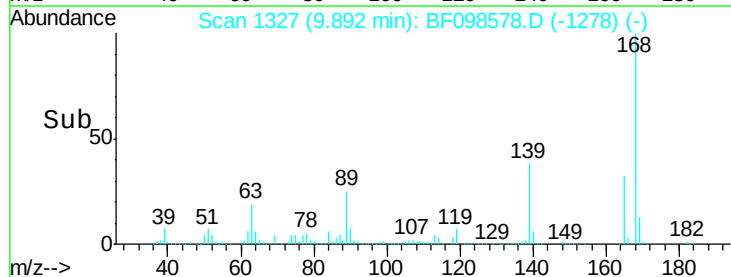
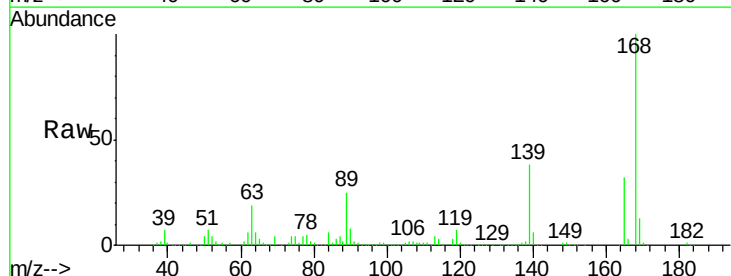
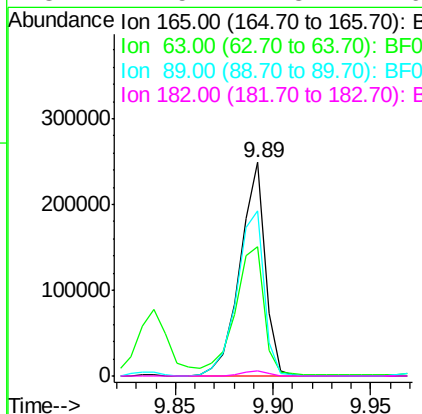
RT: 9.89 min Scan# 1327

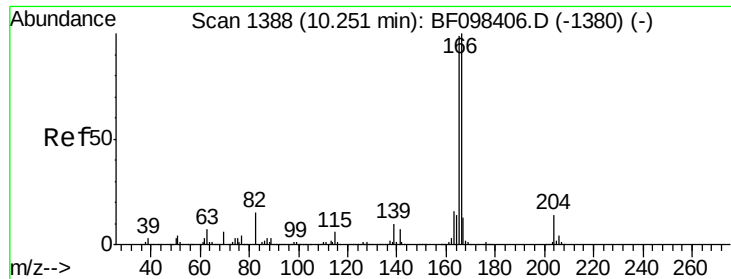
Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222835		
63	60.6	25.4	38.0#	
89	77.3	46.4	69.6#	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 36.951 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

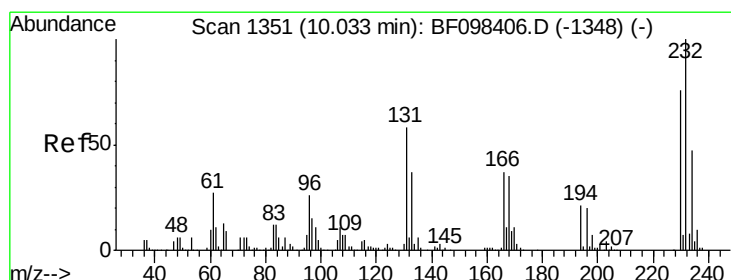
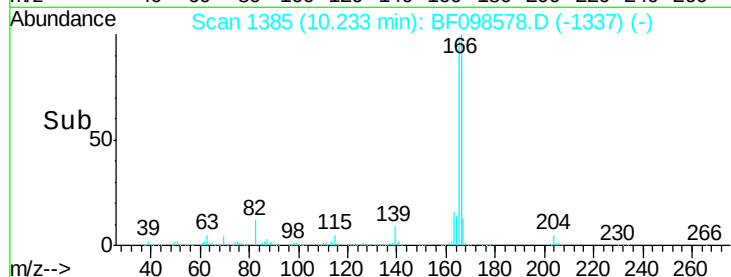
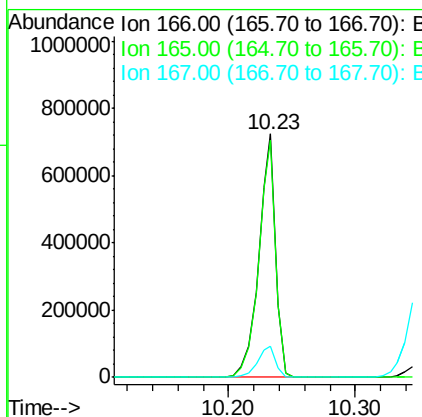
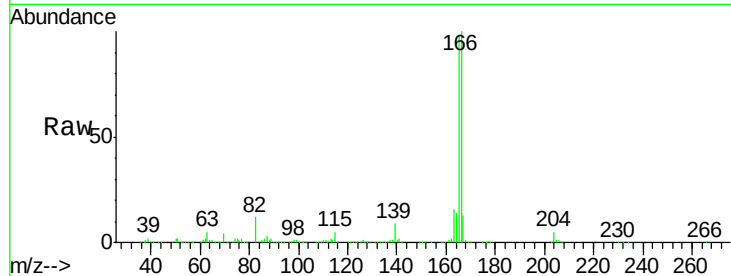
ClientSampleId :

UT5400S16MSD

Tgt Ion:	166	Resp:	670167
Ion Ratio		Lower	Upper
166	100		
165	97.5	78.8	118.2
167	12.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.701 ng

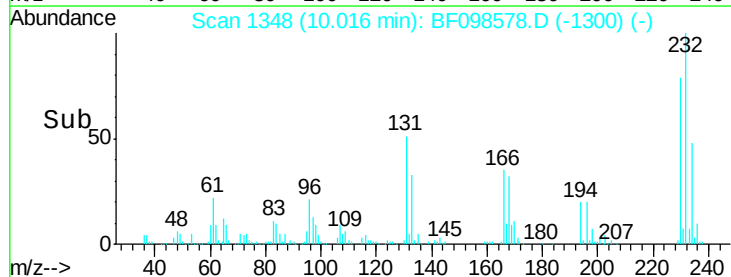
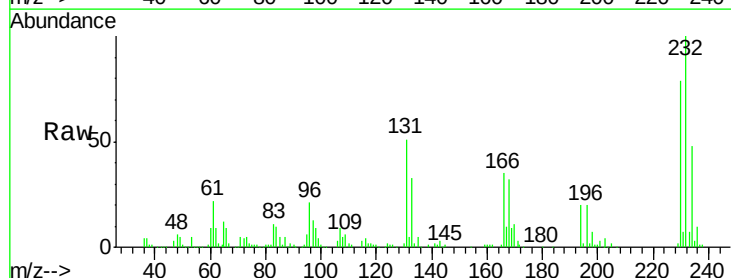
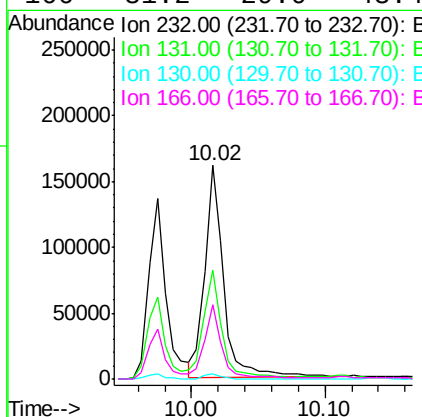
RT: 10.02 min Scan# 1348

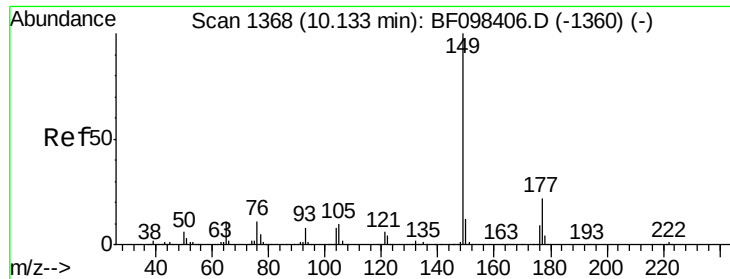
Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion:	232	Resp:	158162
Ion Ratio		Lower	Upper
232	100		
131	49.5	44.8	67.2
130	2.1	2.3	3.5#
166	31.2	29.0	43.4





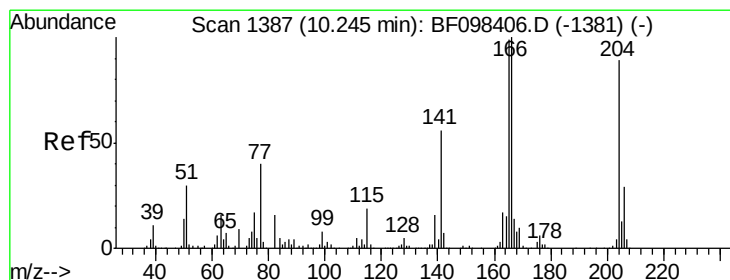
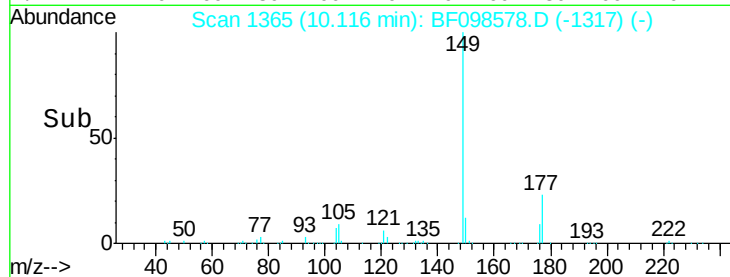
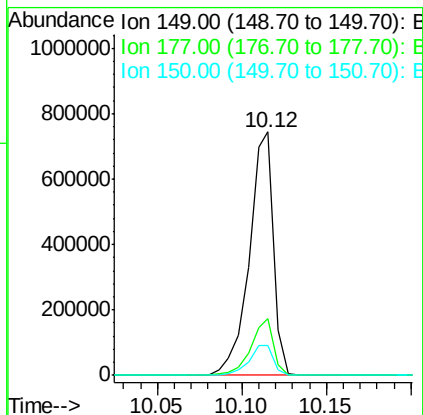
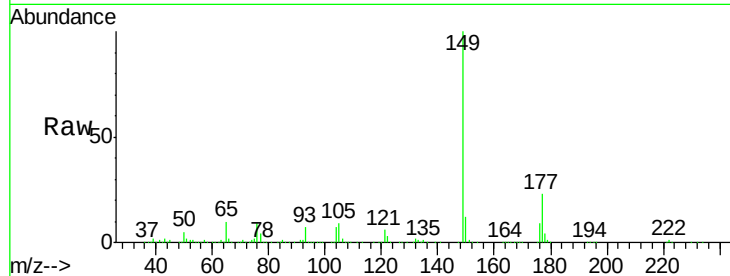
#59
Diethylphthalate
Concen: 36.710 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.7	25.1
150	12.2	10.2	15.2

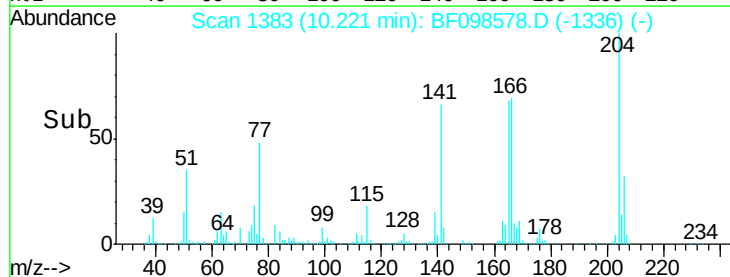
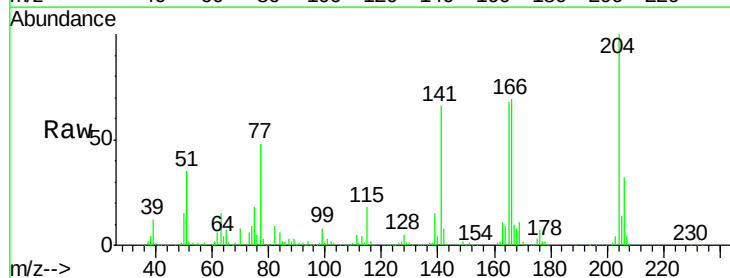
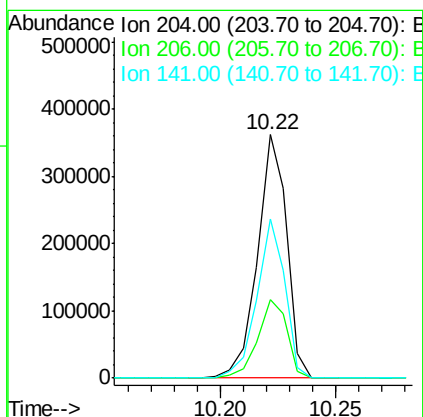
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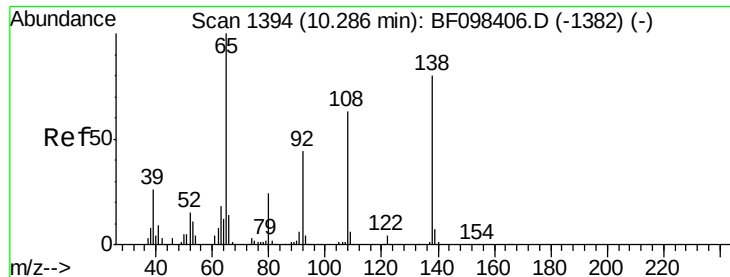
Sohil
9/18/2017 3:33:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.113 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	65.5	60.8	91.2





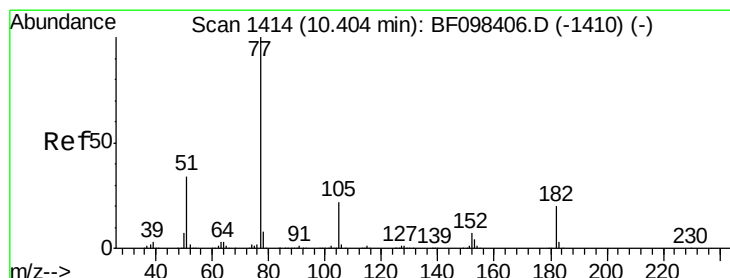
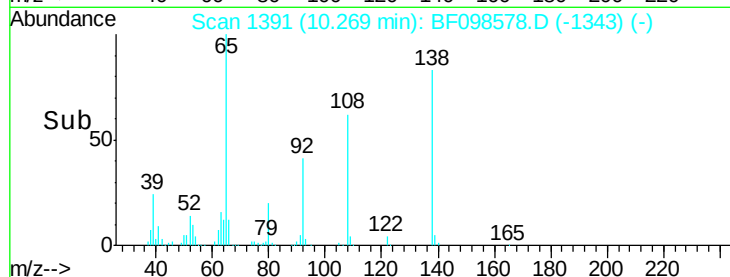
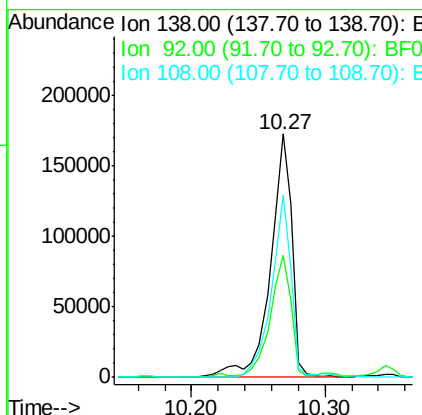
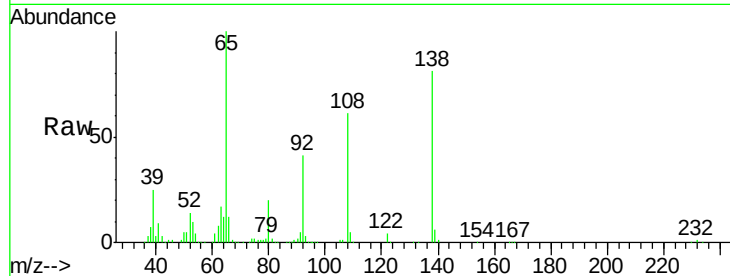
#61
4-Nitroaniline
Concen: 36.374 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	21.8	61.8
108	74.7	42.3	82.3

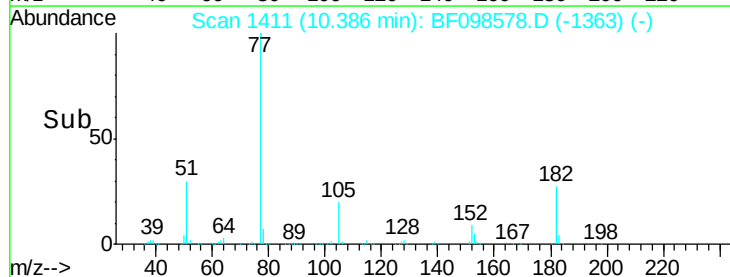
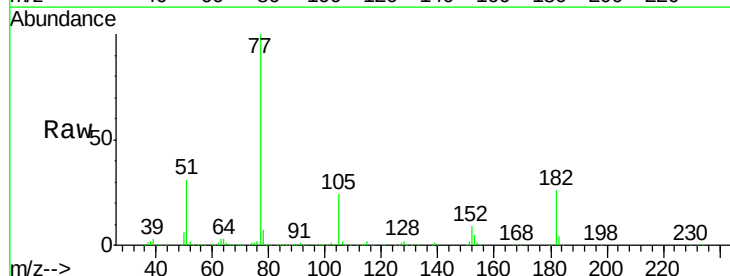
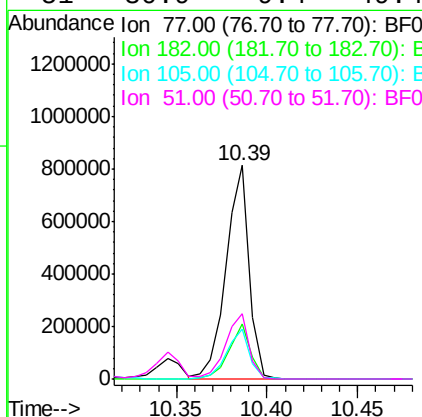
Manual Integrations
APPROVED

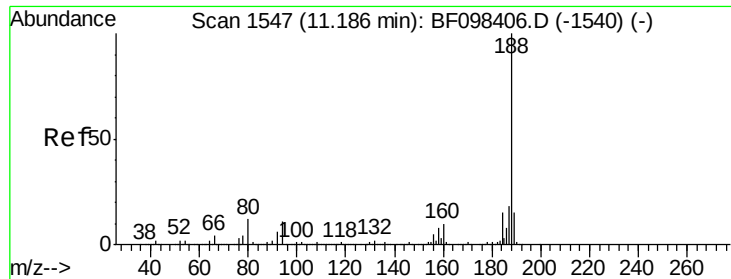
Sohil
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#62
Azobenzene
Concen: 32.952 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	0.1	40.1
105	23.7	3.6	43.6
51	30.9	9.4	49.4





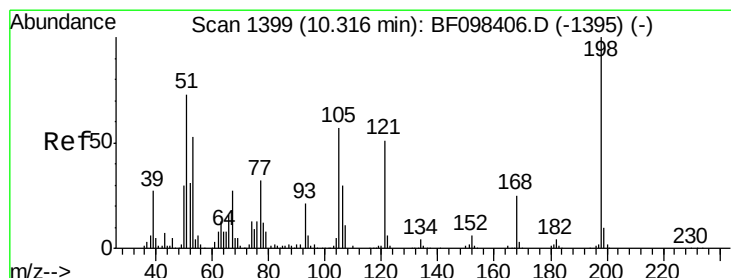
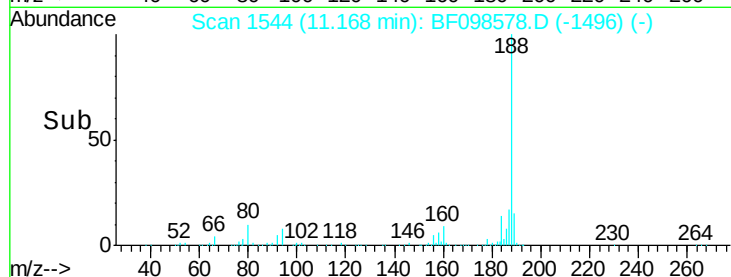
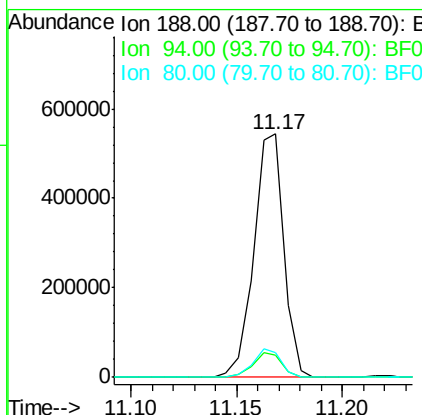
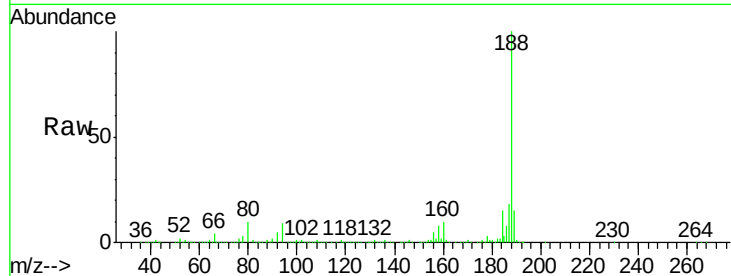
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	9.4	14.2#
80	10.0	10.2	15.2#

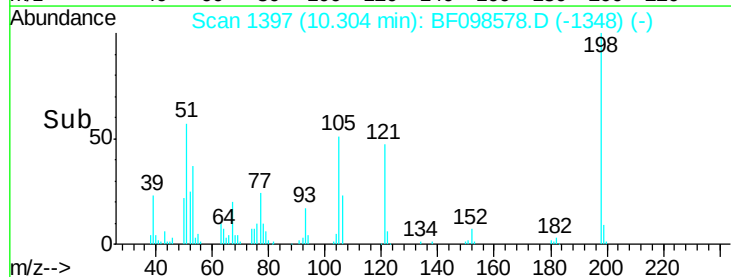
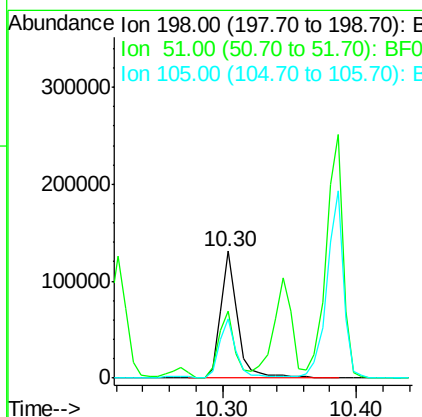
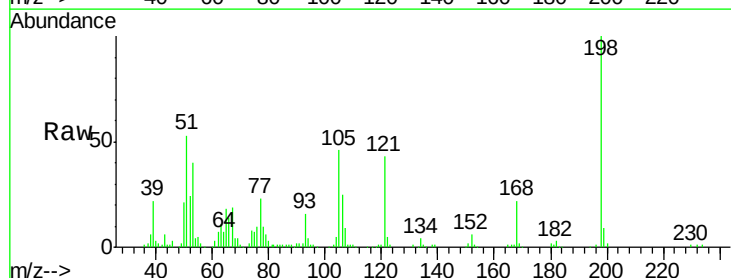
Manual Integrations
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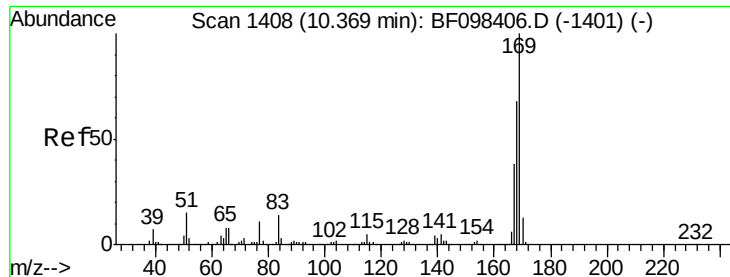
Sohil
9/18/2017 3:33:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.099 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.7	53.2	93.2#
105	46.3	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 35.245 ng

RT: 10.34 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

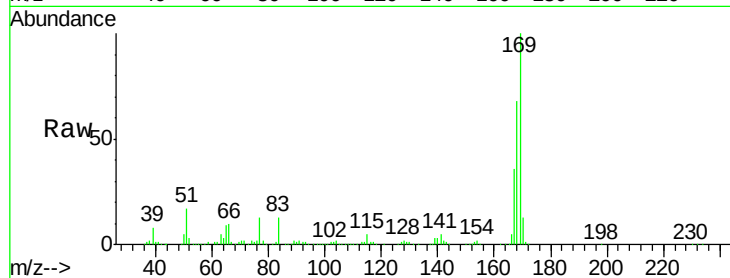
ClientSampleId :

UT5400S16MSD

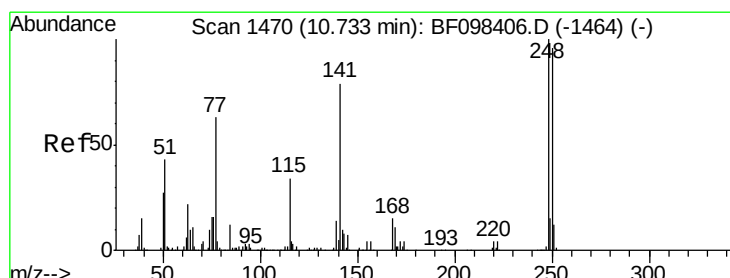
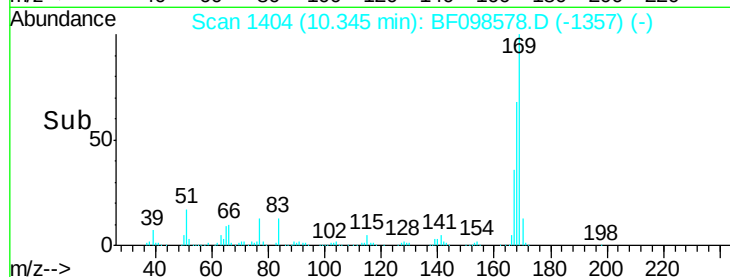
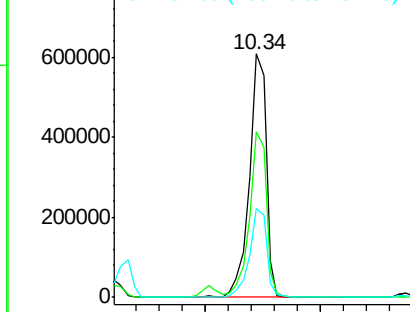
Tgt Ion:	169	Resp:	616023
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.2	79.8
167	36.4	29.5	44.3

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.006 ng

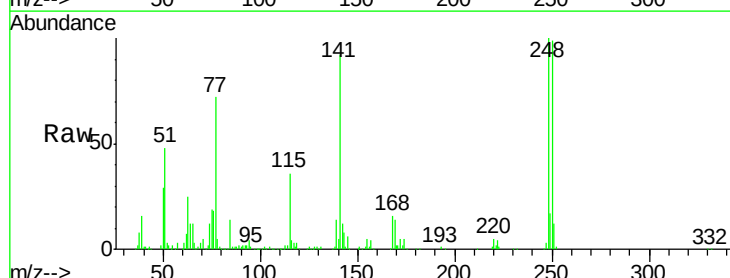
RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

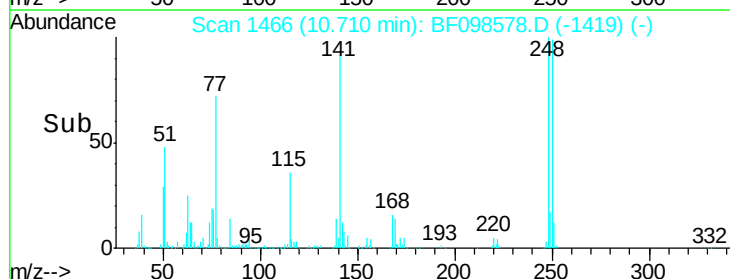
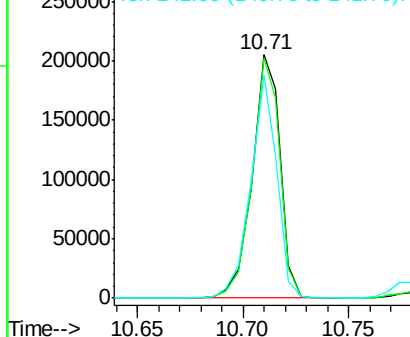
Lab File: BF098578.D

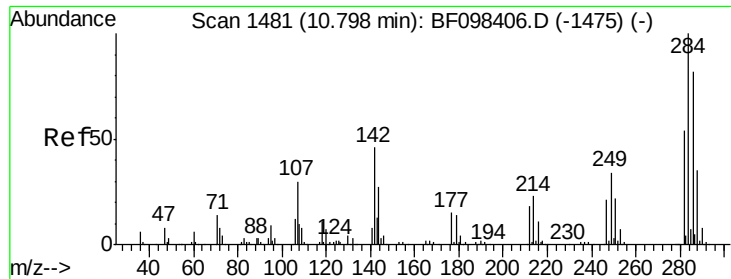
Acq: 15 Sep 2017 19:36

Tgt Ion:	248	Resp:	189053
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.8	115.2
141	91.9	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





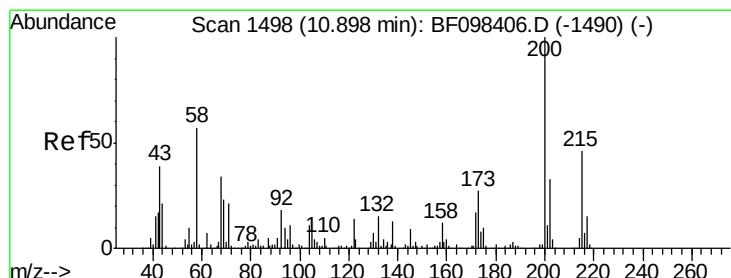
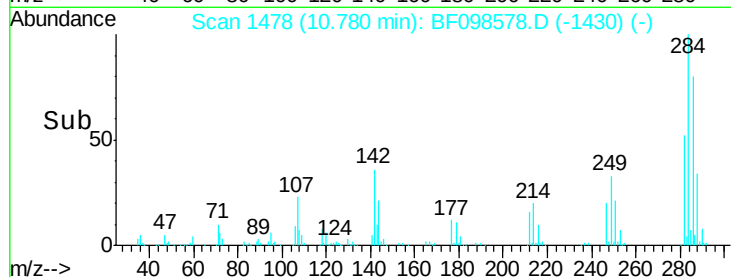
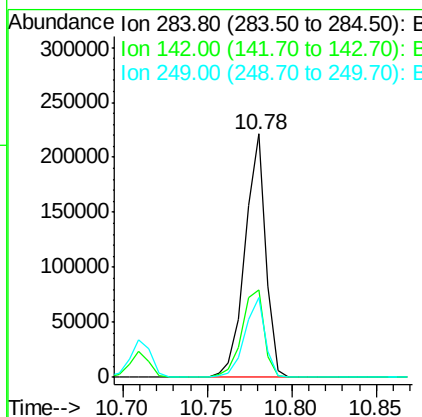
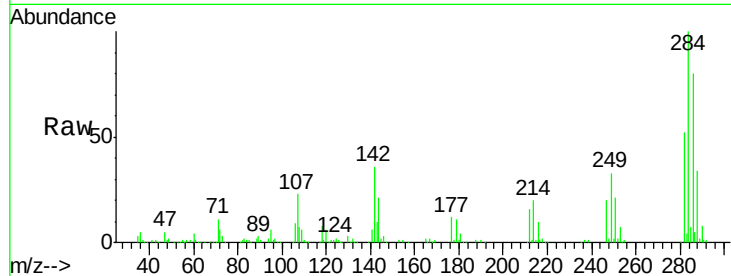
#67
Hexachlorobenzene
Concen: 36.671 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.8	22.8	34.2#
249	32.7	24.0	36.0

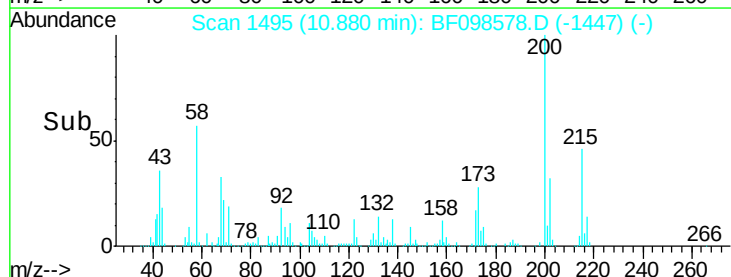
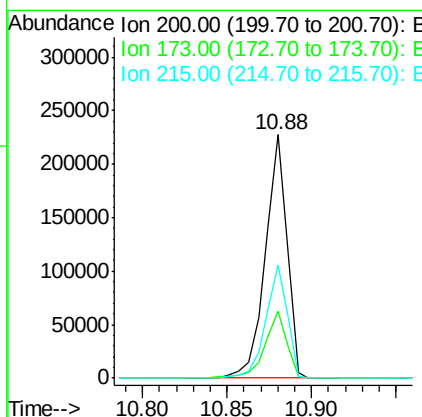
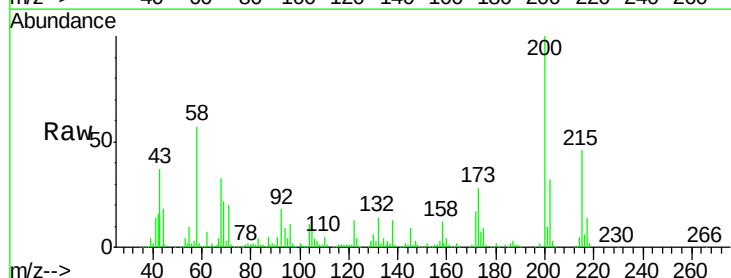
Manual Integrations
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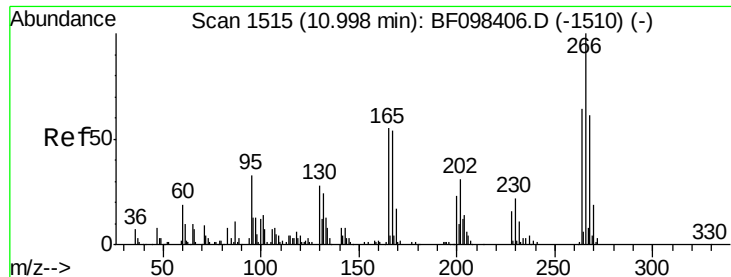
Sohil
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#68
Atrazine
Concen: 37.398 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	6.3	46.3
215	46.4	27.2	67.2





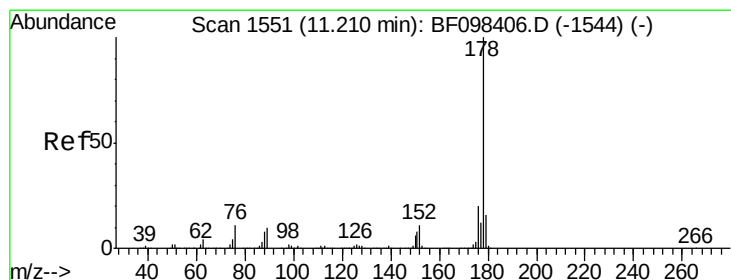
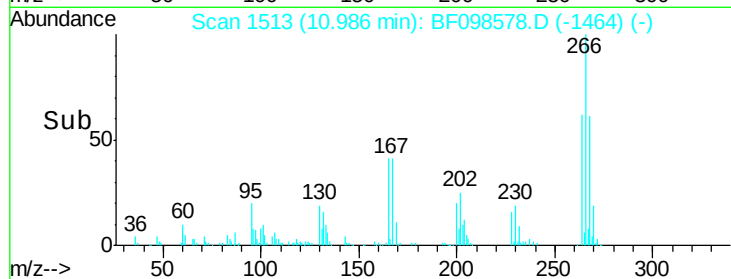
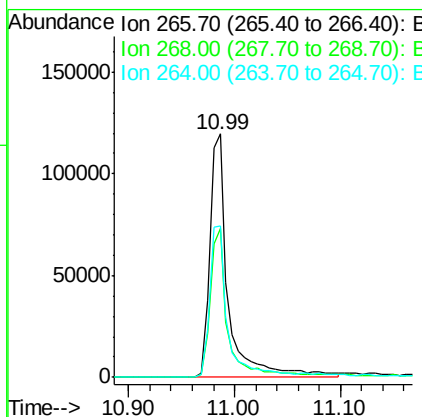
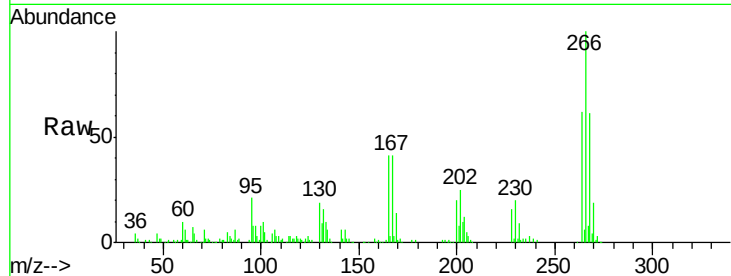
#69
 Pentachlorophenol
 Concen: 65.543 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	147199		
268	61.2	51.1	76.7	
264	62.1	51.7	77.5	

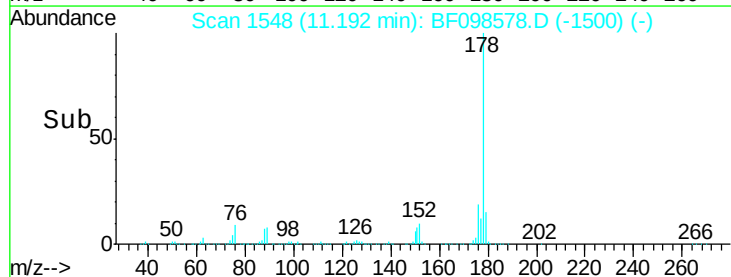
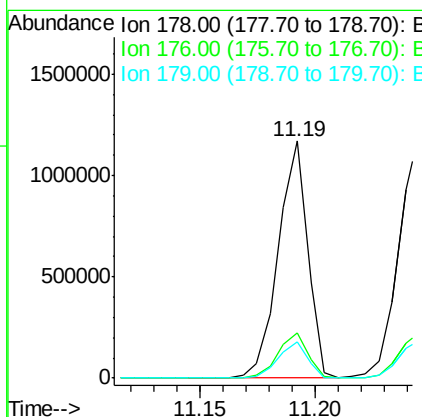
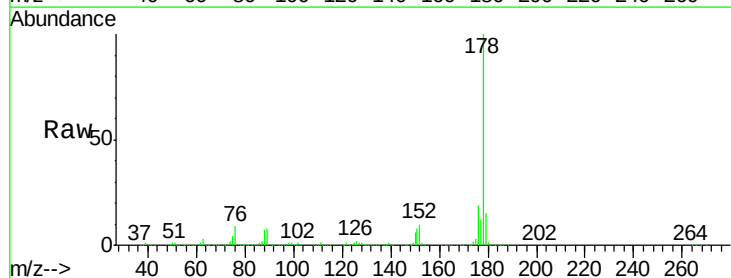
Manual Integrations
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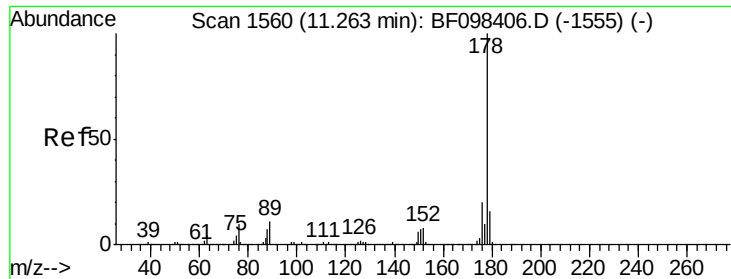
Sohil
 9/18/2017 3:33:48 PM



#70
 Phenanthrene
 Concen: 36.125 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1030856		
176	19.3	16.2	24.4	
179	15.3	12.6	19.0	





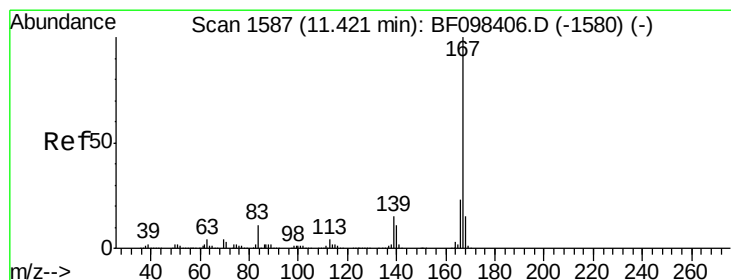
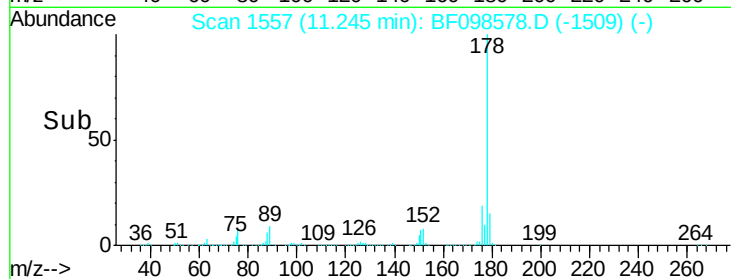
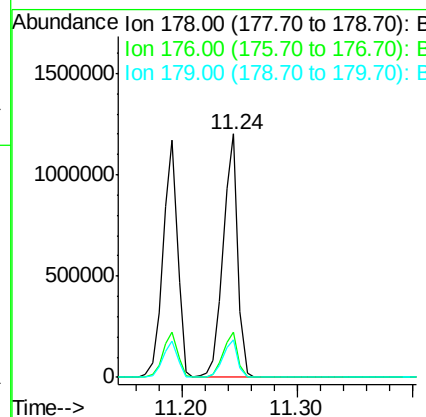
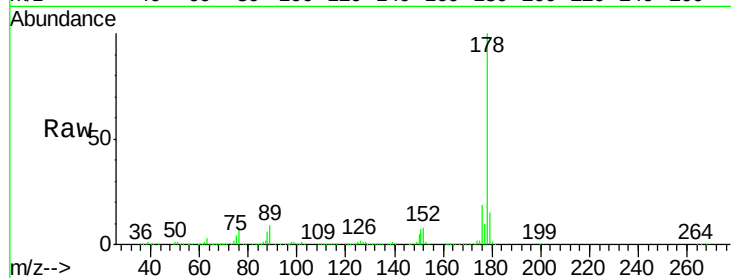
#71
 Anthracene
 Concen: 35.881 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion:178 Resp: 1051228
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.3 12.7 19.1

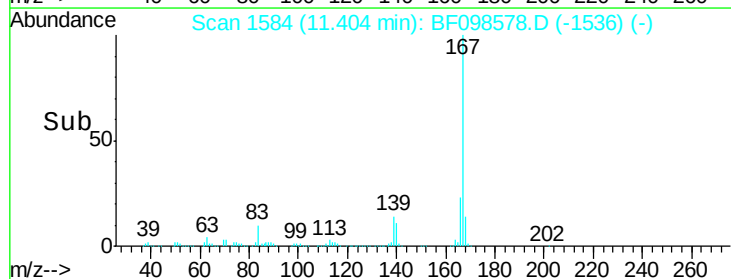
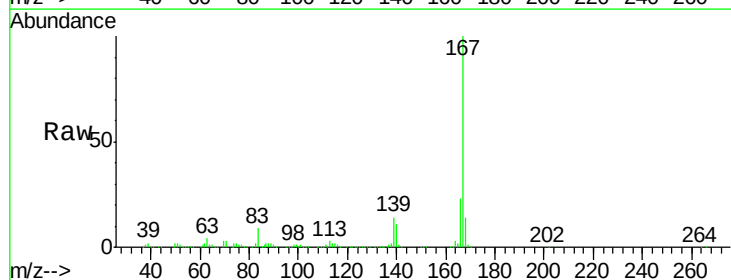
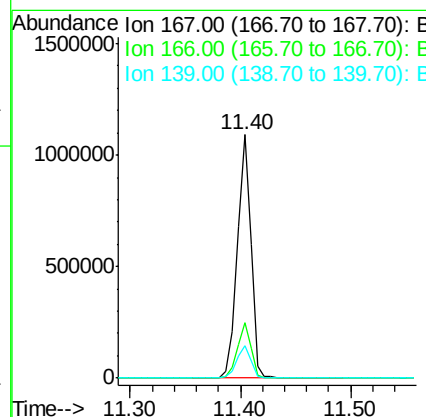
Manual Integrations
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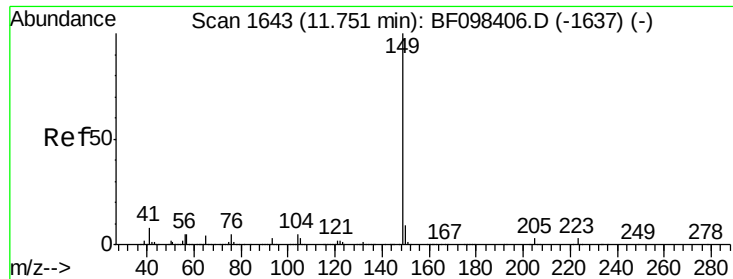
Sohil
 9/18/2017 3:33:48 PM



#72
 Carbazole
 Concen: 34.938 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion:167 Resp: 953949
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 35.216 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

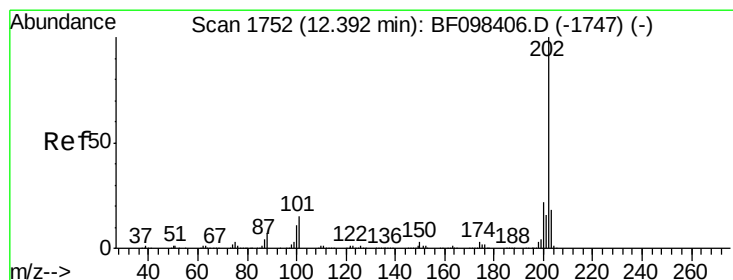
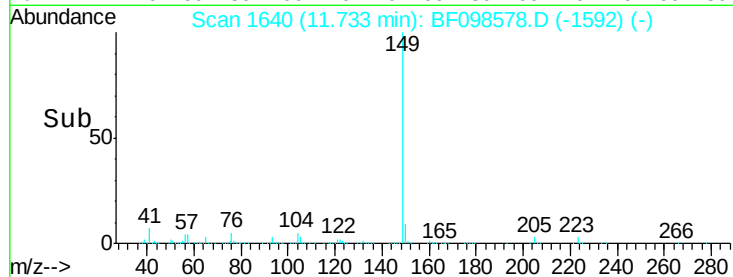
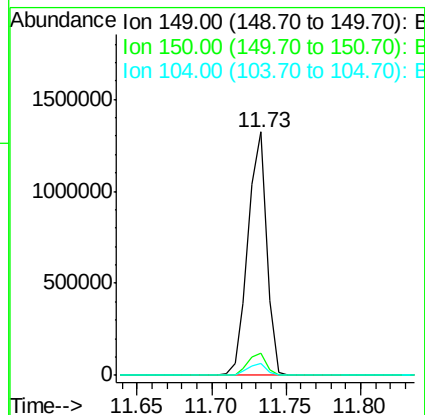
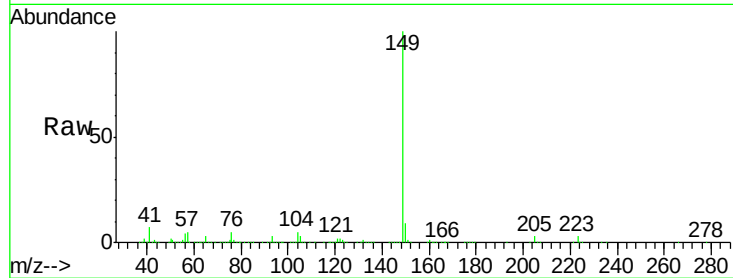
ClientSampleId :

UT5400S16MSD

Tgt Ion:	149	Resp:	1152073
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.7	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 37.104 ng

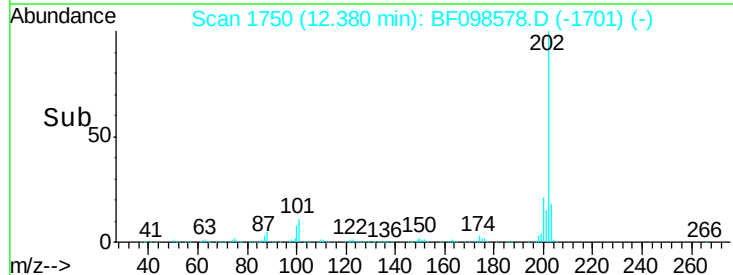
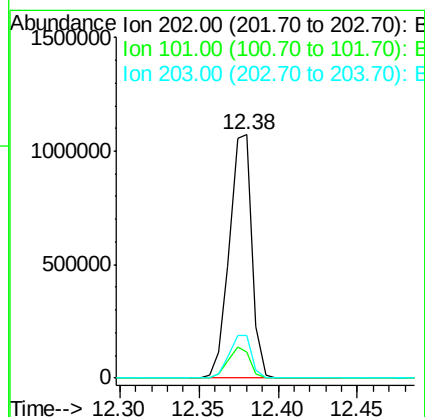
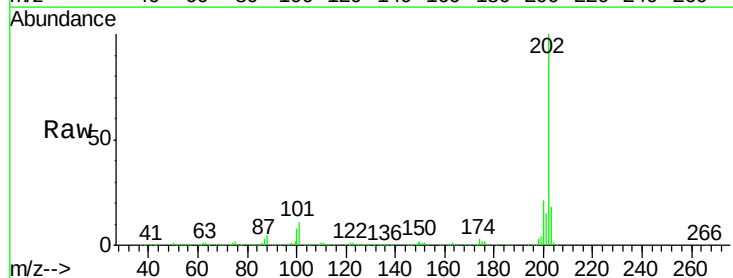
RT: 12.38 min Scan# 1750

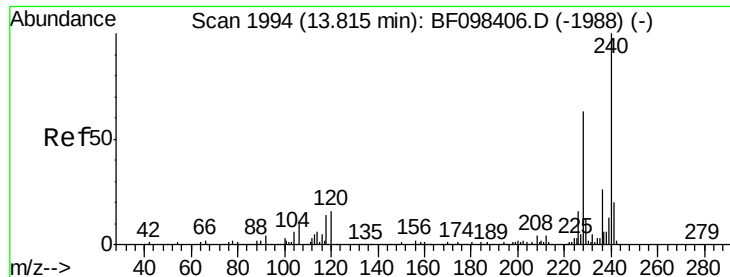
Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion:	202	Resp:	1059921
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

ClientSampleId :

UT5400S16MSD

Tgt Ion:240 Resp: 387198

Ion Ratio Lower Upper

240 100

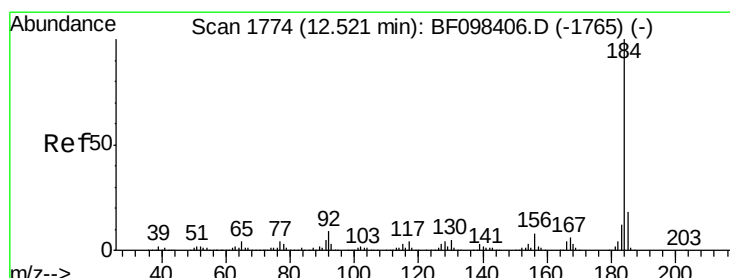
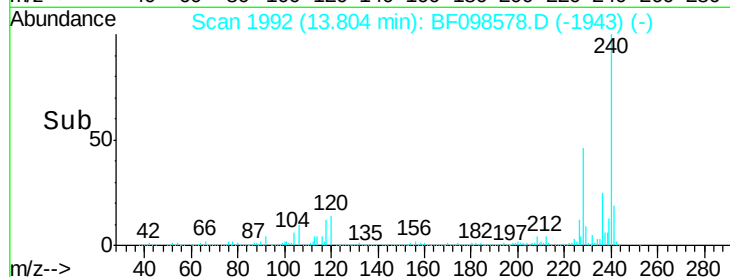
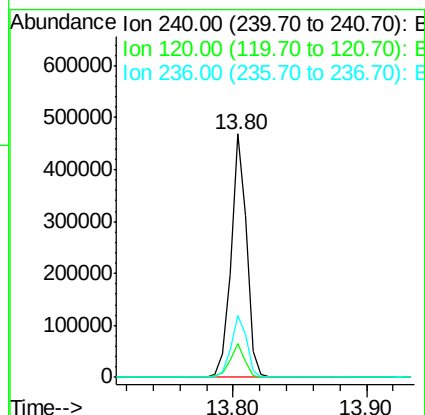
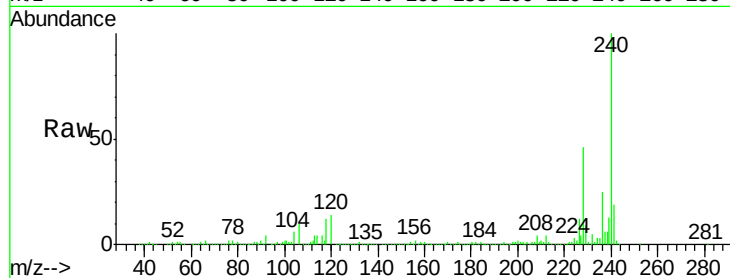
120 13.8 5.8 8.8#

236 25.3 20.5 30.7

Manual Integrations
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Sohil

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#76

Benzidine

Concen: 8.485 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

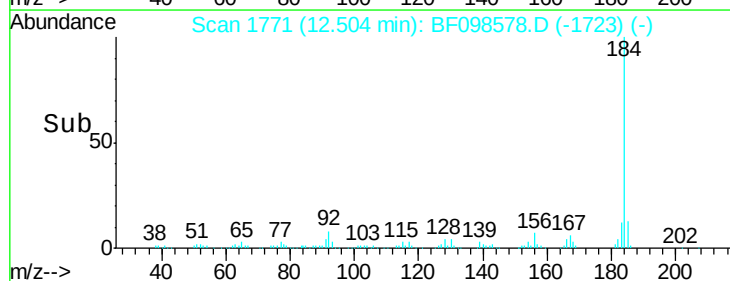
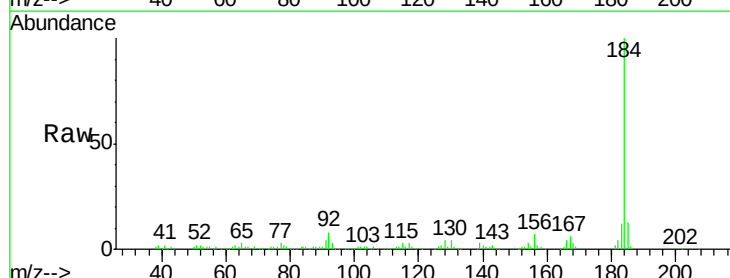
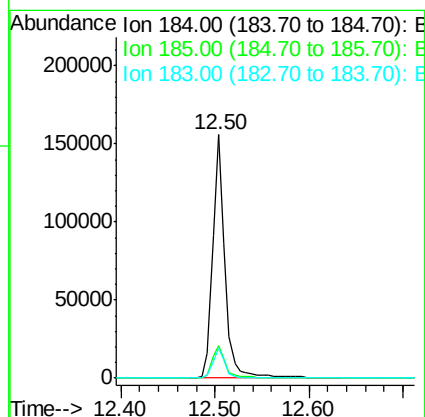
Tgt Ion:184 Resp: 145395

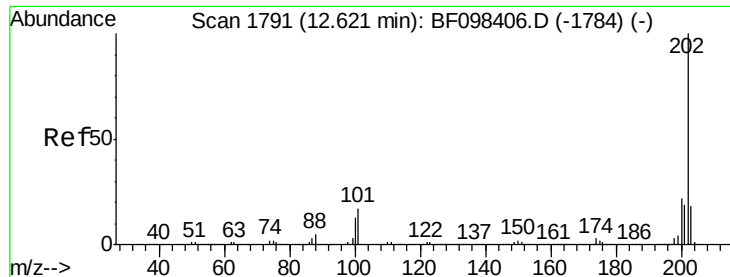
Ion Ratio Lower Upper

184 100

185 13.1 15.5 23.3#

183 12.2 9.8 14.6





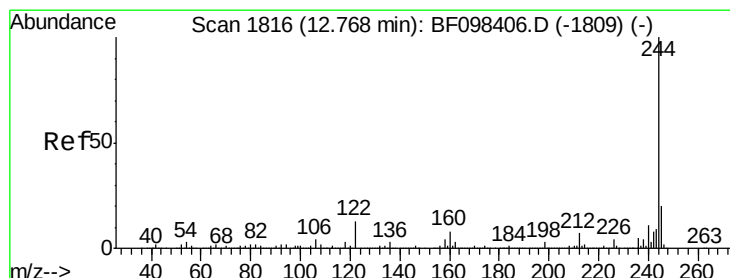
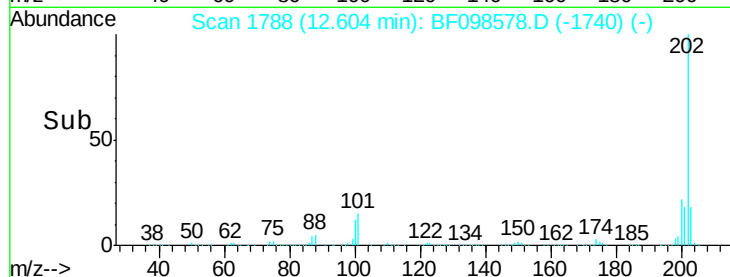
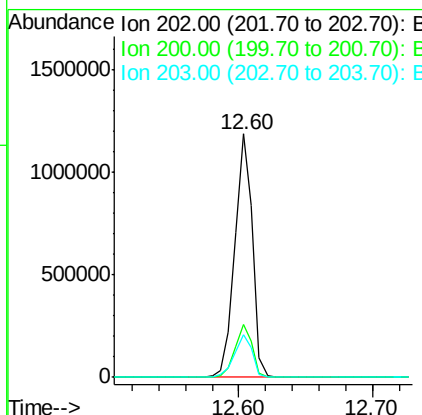
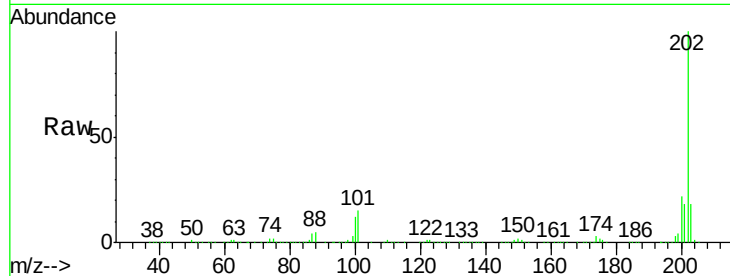
#77
 Pyrene
 Concen: 35.912 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.7	14.4	21.6

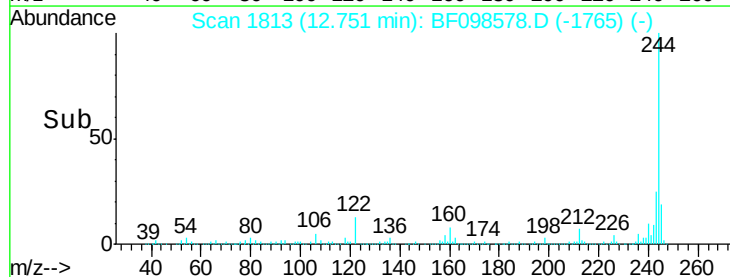
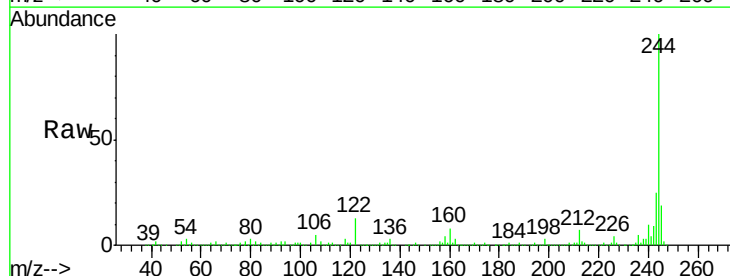
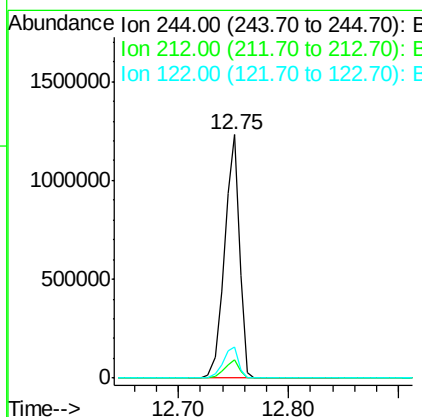
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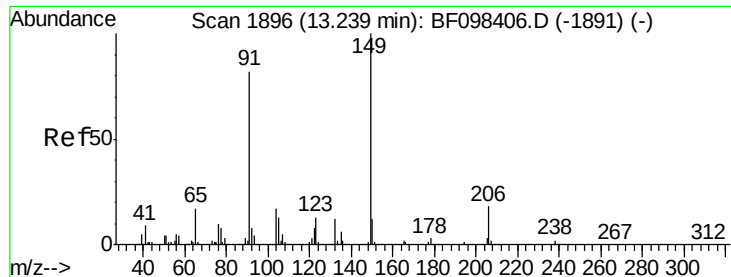
Sohil
 9/18/2017 3:33:48 PM



#78
 Terphenyl-d14
 Concen: 64.753 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.9	10.3	15.5





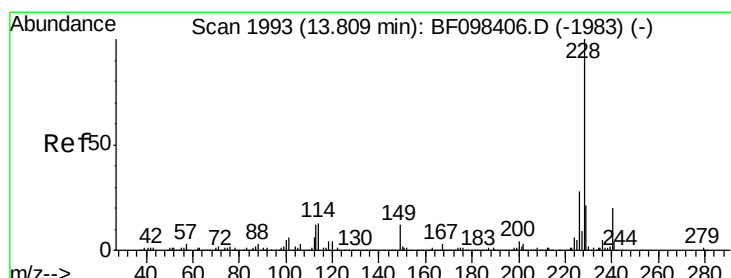
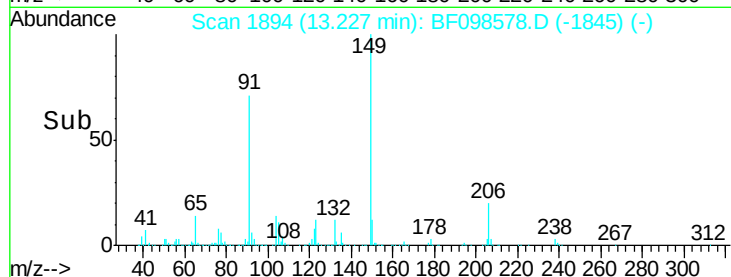
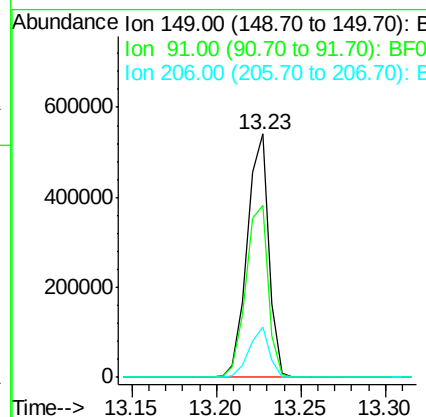
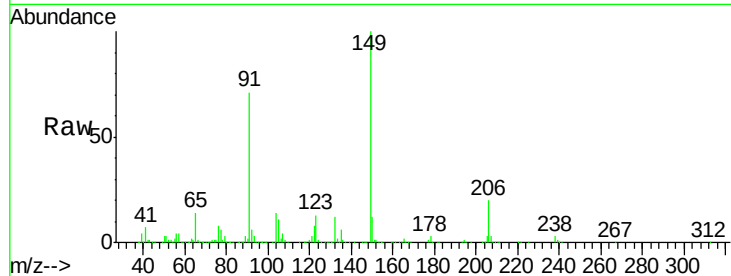
#79
Butylbenzylphthalate
Concen: 36.354 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	481725		
91	70.6	45.0	67.4#	
206	20.5	17.0	25.6	

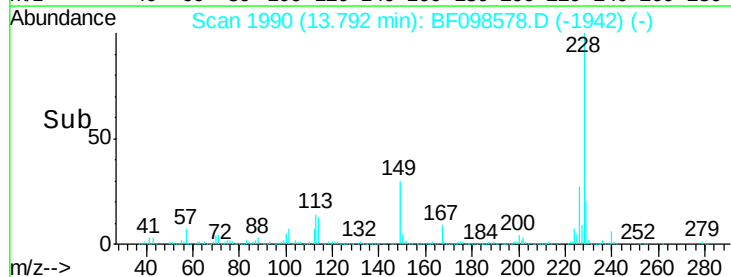
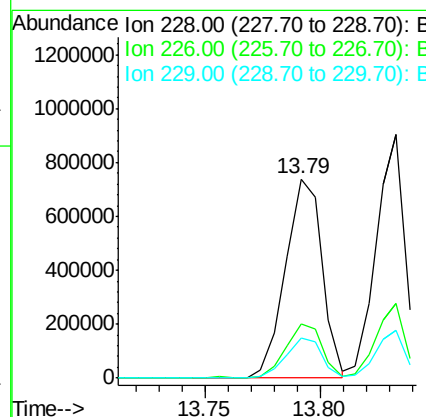
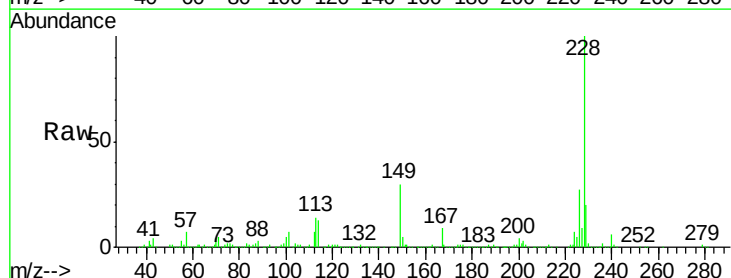
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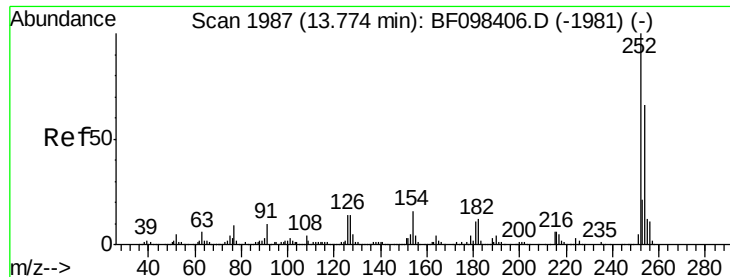
Sohil
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#80
Benzo(a)anthracene
Concen: 35.747 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	811488		
226	27.2	22.6	33.8	
229	19.8	16.3	24.5	





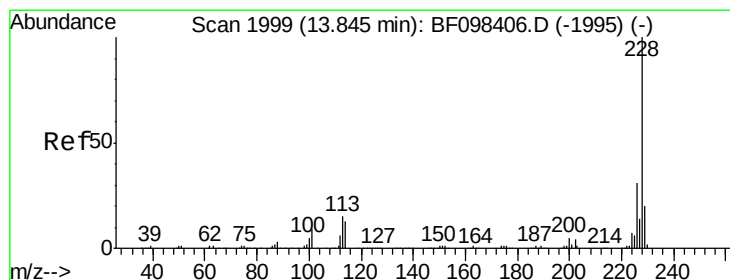
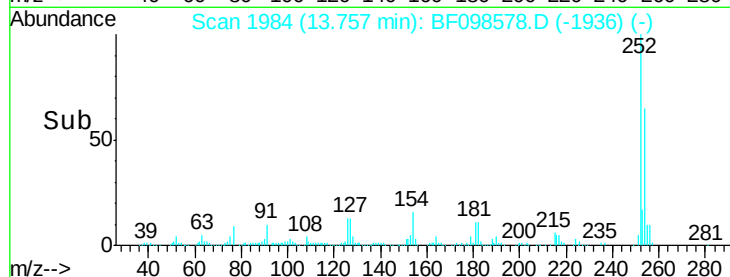
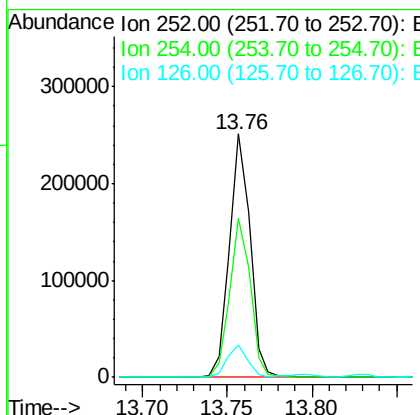
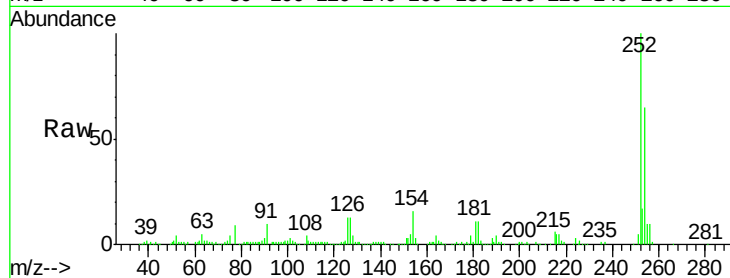
#81
 3,3'-Dichlorobenzidine
 Concen: 24.252 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	51.5	77.3
126	13.2	15.8	23.8

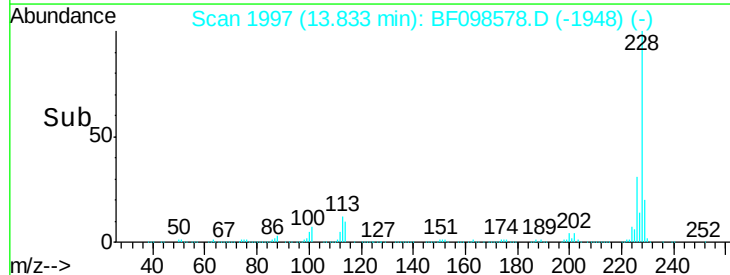
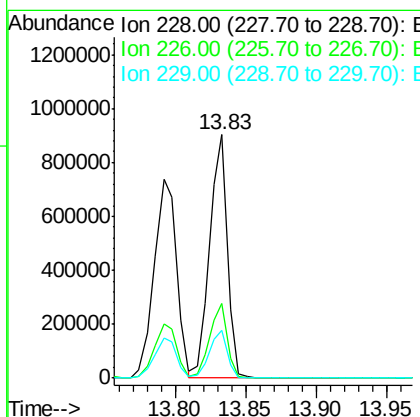
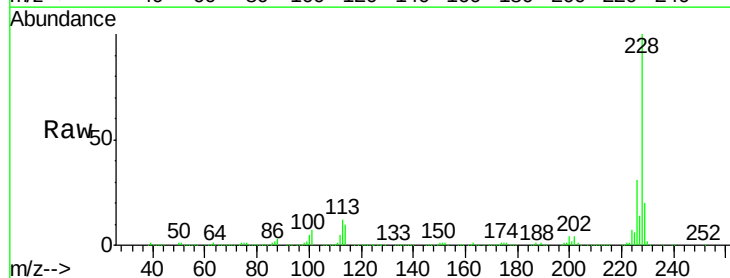
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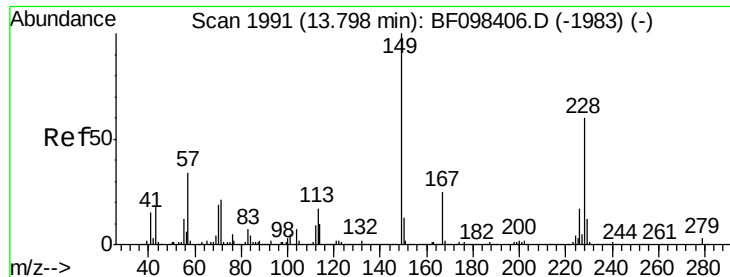
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#82
 Chrysene
 Concen: 34.377 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.422 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

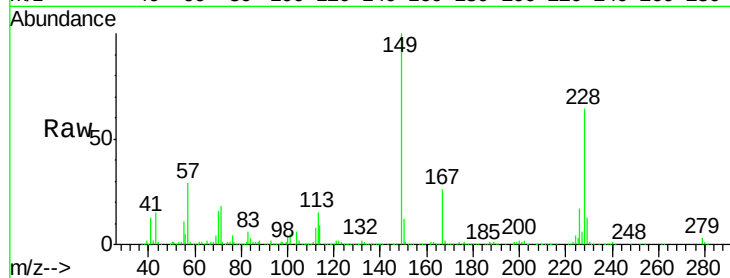
ClientSampleId :

UT5400S16MSD

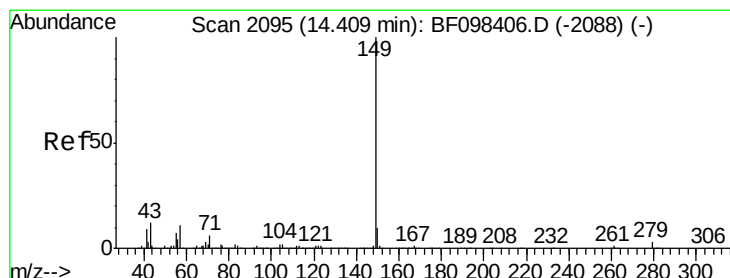
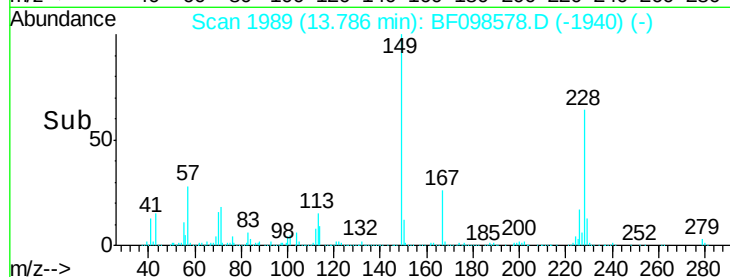
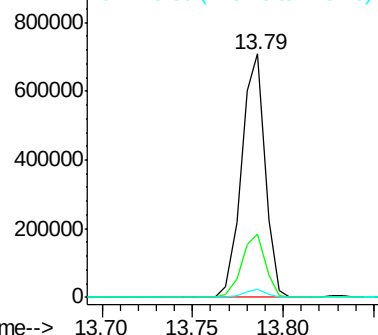
Tgt Ion:	149	Resp:	638984
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.0	31.4
279	3.4	1.9	2.9#

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



#84

Di-n-octyl phthalate

Concen: 36.182 ng

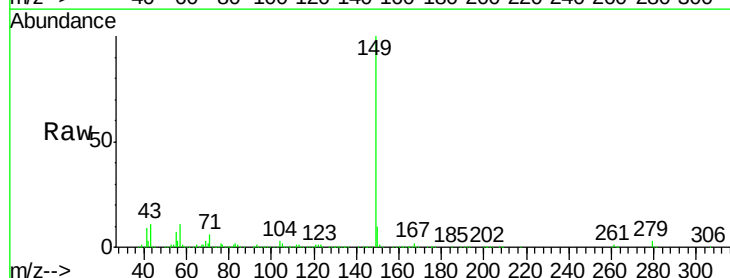
RT: 14.39 min Scan# 2092

Delta R.T. -0.02 min

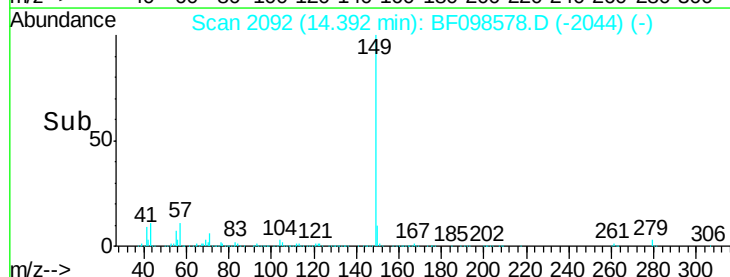
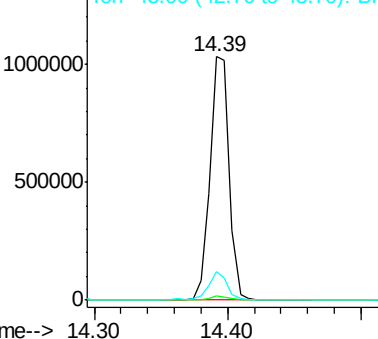
Lab File: BF098578.D

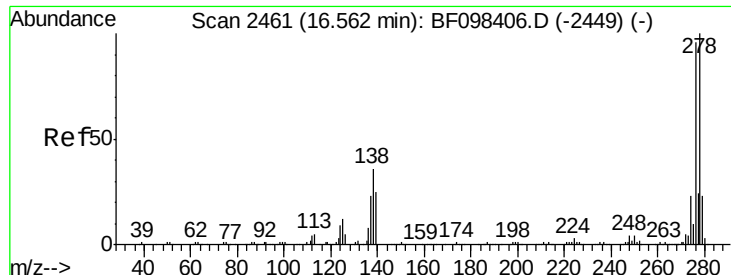
Acq: 15 Sep 2017 19:36

Tgt Ion:	149	Resp:	1032396
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.7	8.5	12.7



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





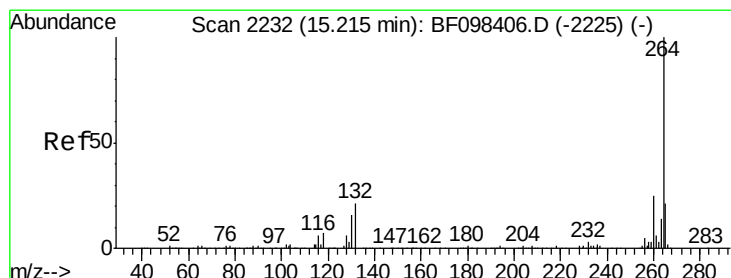
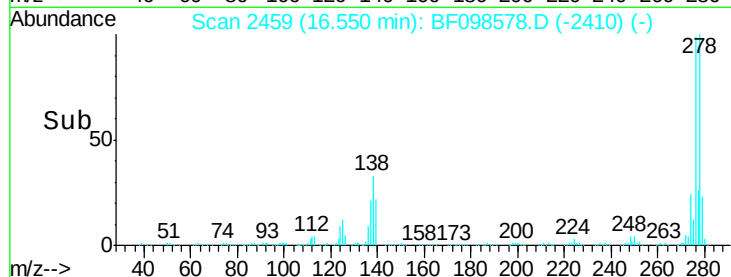
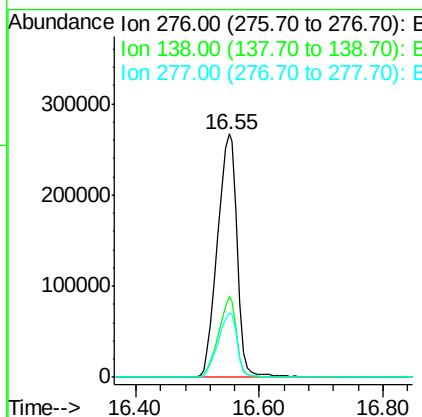
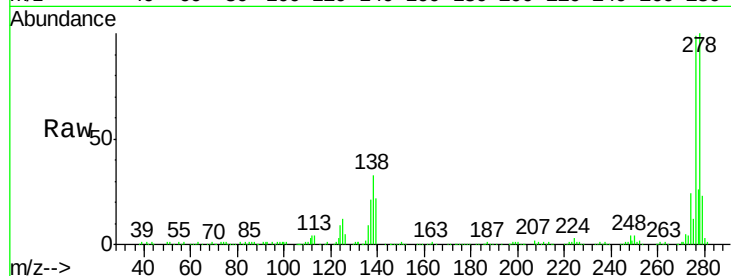
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.952 ng
 RT: 16.55 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.1	27.8	41.6
277	25.8	20.2	30.4

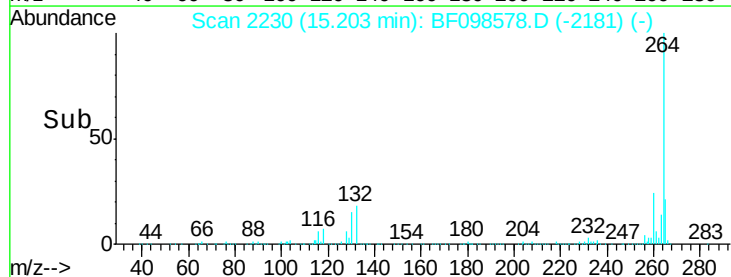
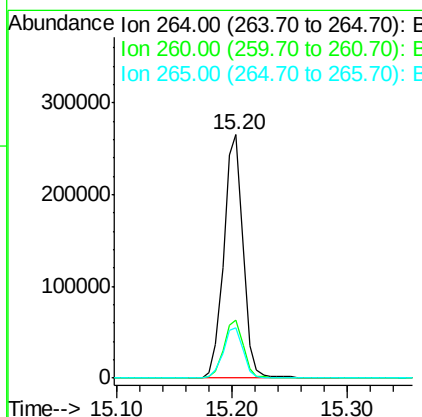
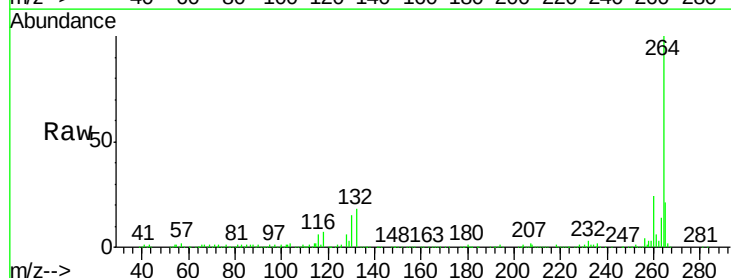
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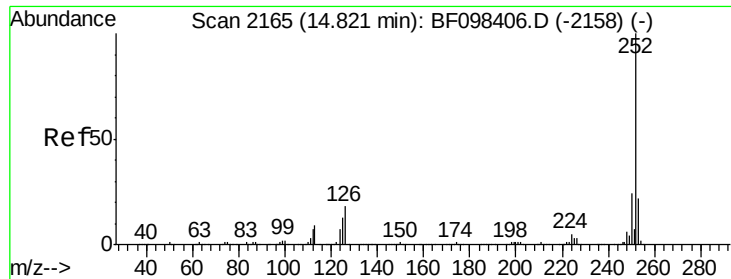
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 34.612 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Instrument :

BNA_F

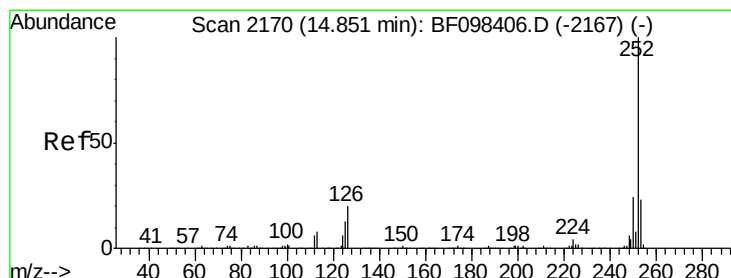
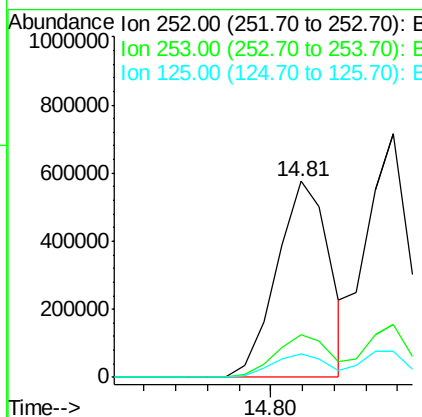
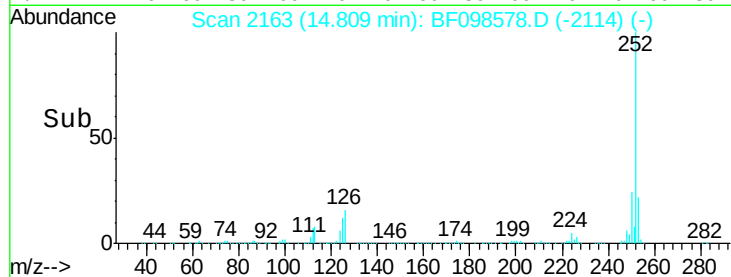
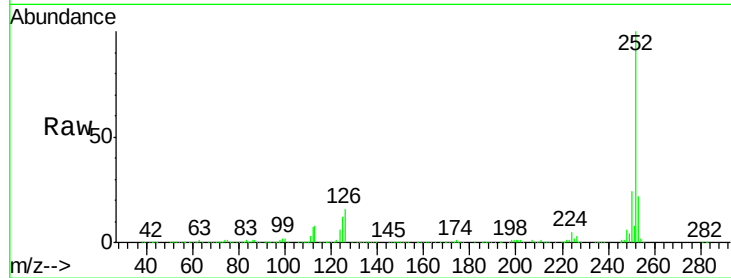
ClientSampleId :

UT5400S16MSD

Tgt Ion:	252	Resp:	666364
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	11.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 37.083 ng

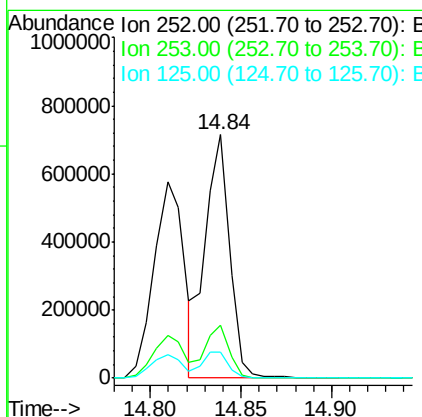
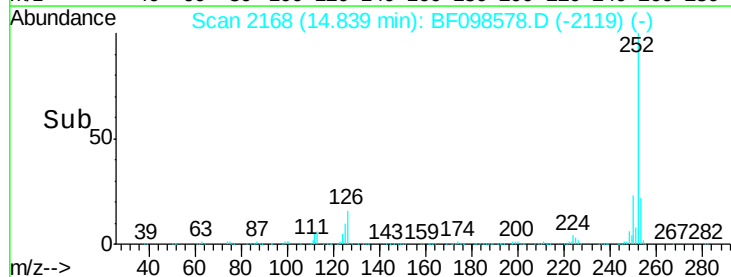
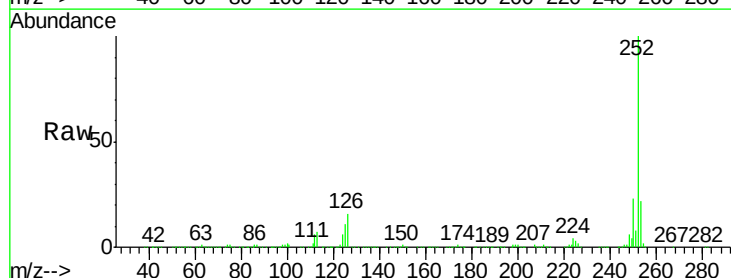
RT: 14.84 min Scan# 2168

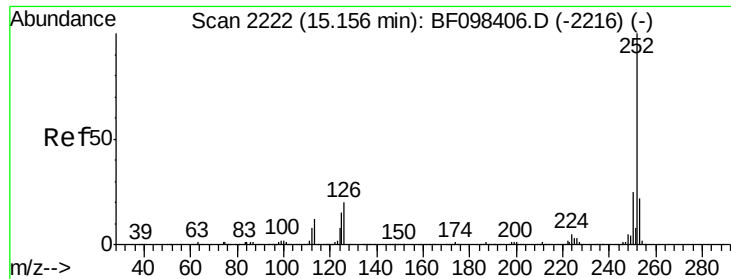
Delta R.T. -0.01 min

Lab File: BF098578.D

Acq: 15 Sep 2017 19:36

Tgt Ion:	252	Resp:	666512
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	10.6	13.1	19.7





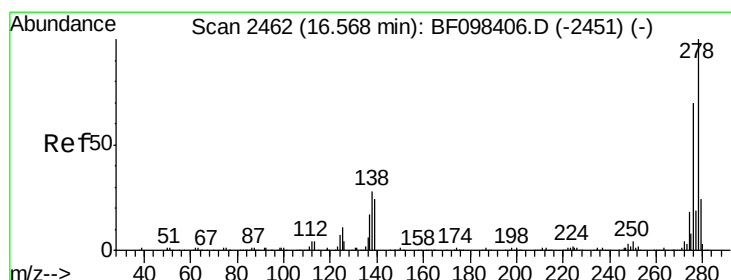
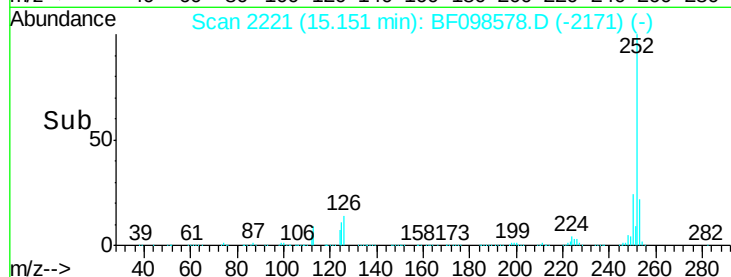
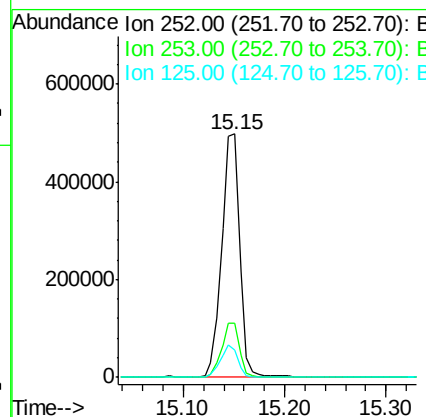
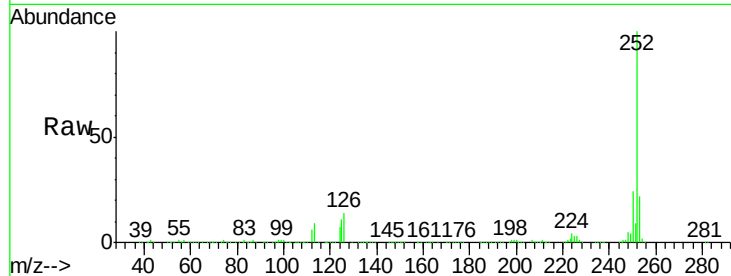
#89
Benzo(a)pyrene
Concen: 35.988 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.4	11.0	16.4

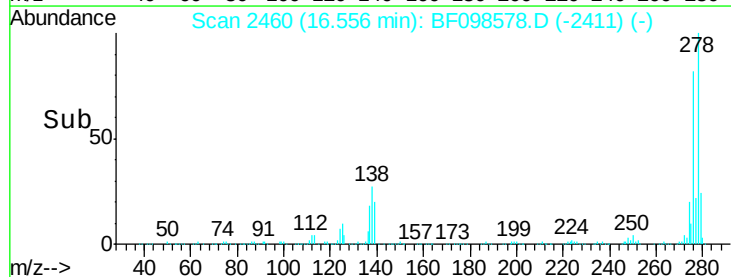
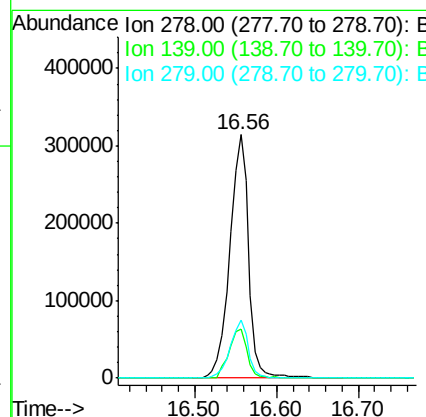
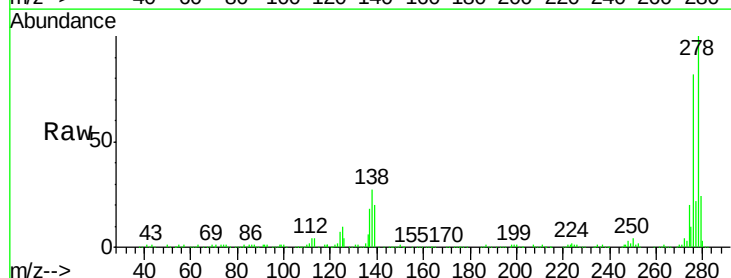
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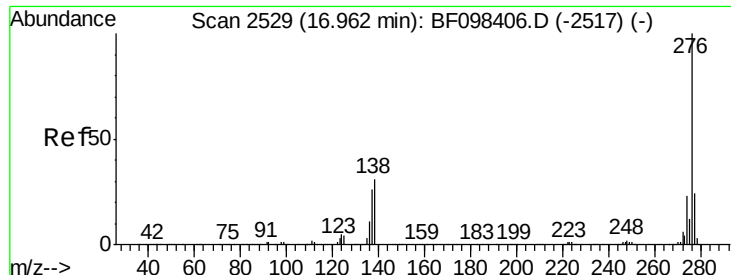
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#90
Dibenzo(a,h)anthracene
Concen: 40.263 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098578.D
Acq: 15 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 39.300 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF098578.D
 Acq: 15 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S16MSD

Tgt Ion:	276	Resp:	493194
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.6	28.0
138	25.9	25.4	38.0

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