

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109973.D
 Acq On : 18 Oct 2018 21:52
 Operator : JU/SJ
 Sample : J5571-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Manual Integrations
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Sohil
 10/19/2018 12:15:01 PM

Quant Time: Oct 19 04:58:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169805	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	620278	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	259116	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	404178	20.00	ng	0.00
76) Chrysene-d12	14.16	240	326287	20.00	ng	0.00
87) Perylene-d12	15.68	264	374869	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	559356	52.22	ng	0.00
7) Phenol-d6	6.59	99	432434	32.51	ng	-0.01
23) Nitrobenzene-d5	7.54	82	902753	98.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	285740	127.37	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1516739	93.40	ng	0.00
79) Terphenyl-d14	13.10	244	1152188	74.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.86	88	59383	9.760	ng	91
3) Pyridine	3.64	79	91605	6.753	ng	89
4) n-Nitrosodimethylamine	3.57	42	76656	13.853	ng	# 96
6) Aniline	6.64	93	143656	8.014	ng	# 51
8) 2-Chlorophenol	6.76	128	367148	30.597	ng	96
9) Benzaldehyde	6.53	77	166918	19.310	ng	95
10) Phenol	6.60	94	197887	13.779	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	425589	35.442	ng	93
12) 1,3-Dichlorobenzene	6.92	146	486737	36.992	ng	99
13) 1,4-Dichlorobenzene	6.99	146	492851	37.193	ng	98
14) 1,2-Dichlorobenzene	7.15	146	452810	37.108	ng	98
15) Benzyl Alcohol	7.11	79	209061	20.429	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	704449	35.742	ng	68
17) 2-Methylphenol	7.22	107	234597	24.245	ng	# 82
18) Hexachloroethane	7.49	117	267467	57.116	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	302935	35.469	ng	95
20) 3+4-Methylphenols	7.37	107	264734	21.561	ng	93
22) Acetophenone	7.38	105	602363	41.875	ng	98
24) Nitrobenzene	7.56	77	459850	45.972	ng	96
25) Isophorone	7.79	82	796360	44.016	ng	97
26) 2-Nitrophenol	7.87	139	227119	54.762	ng	92
27) 2,4-Dimethylphenol	7.90	122	346256	39.733	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	513516	41.357	ng	98
29) 2,4-Dichlorophenol	8.11	162	328889	38.904	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	389080	41.104	ng	94
31) Naphthalene	8.29	128	1411890	49.638	ng	99
32) Benzoic acid	8.01	122	90513	16.670	ng	96
33) 4-Chloroaniline	8.33	127	73629	5.759	ng	97
34) Hexachlorobutadiene	8.39	225	216135	41.408	ng	100
35) Caprolactam	8.69	113	1315	0.438	ng	# 1
36) 4-Chloro-3-methylphenol	8.80	107	296052	33.196	ng	96
37) 2-Methylnaphthalene	8.97	142	1021254	55.448	ng	99
38) 1-Methylnaphthalene	9.07	142	1093794m	61.287	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	350414	43.906	ng	# 96

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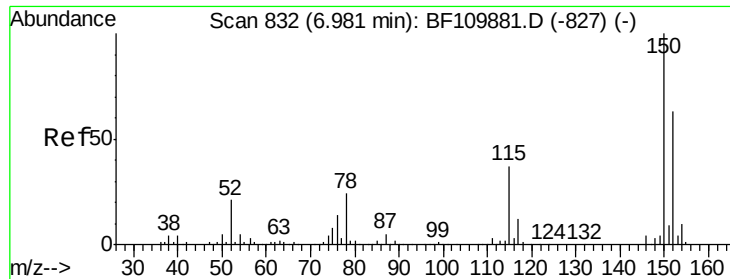
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Quant Time: Oct 19 04:58:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	436226	113.243	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	219562	43.996	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	221301	42.726	nq	94
46) 1,1'-Biphenyl	9.44	154	980597	42.475	nq	100
47) 2-Chloronaphthalene	9.47	162	725771	42.679	nq	98
48) 2-Nitroaniline	9.56	65	203106	46.541	nq	90
49) Acenaphthylene	9.89	152	1097786	44.437	nq	97
50) Dimethylphthalate	9.74	163	792304	43.183	nq	99
51) 2,6-Dinitrotoluene	9.80	165	172995	49.642	nq	85
52) Acenaphthene	10.06	154	800486	50.896	nq	98
53) 3-Nitroaniline	9.97	138	48347	11.405	nq	# 83
54) 2,4-Dinitrophenol	10.07	184	143951	124.137	nq	91
55) Dibenzofuran	10.23	168	989076	44.096	nq	98
56) 4-Nitrophenol	10.13	139	102088	31.562	nq	95
57) 2,4-Dinitrotoluene	10.20	165	226134	51.048	nq	# 86
58) Fluorene	10.57	166	808358	49.507	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	178606	43.511	nq	# 91
60) Diethylphthalate	10.43	149	723889	39.946	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	353638	41.578	nq	96
62) 4-Nitroaniline	10.59	138	106921	26.645	nq	95
63) Azobenzene	10.72	77	711991	37.609	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	97565	63.563	nq	79
66) n-Nitrosodiphenylamine	10.68	169	614583	45.655	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	199715	45.595	nq	# 89
68) Hexachlorobenzene	11.12	284	208490	44.635	nq	97
69) Atrazine	11.23	200	117571	27.960	nq	95
70) Pentachlorophenol	11.32	266	216464	81.431	nq	97
71) Phenanthrene	11.54	178	970759	46.393	nq	99
72) Anthracene	11.59	178	973747	46.288	nq	99
73) Carbazole	11.74	167	842439	40.747	nq	99
74) Di-n-butylphthalate	12.07	149	1008777	43.720	nq	99
75) Fluoranthene	12.73	202	906758	43.379	nq	99
77) Benzidine	12.82	184	1048	0.084	nq	# 1
78) Pyrene	12.96	202	909800	37.964	nq	98
80) Butylbenzylphthalate	13.57	149	425597	43.927	nq	98
81) Benzo(a)anthracene	14.15	228	888944	46.253	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	370	0.055	nq	# 23
83) Chrysene	14.19	228	832296	45.496	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	614029	48.164	nq	95
85) Di-n-octyl phthalate	14.74	149	1083351	60.274	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1155125	78.424	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	961644	44.496	nq	97
89) Benzo(k)fluoranthene	15.26	252	871235	40.899	nq	98
90) Benzo(a)pyrene	15.62	252	919796	46.274	nq	97
91) Dibenzo(a,h)anthracene	17.27	278	948804	53.862	nq	97
92) Benzo(g,h,i)perylene	17.73	276	987752	55.498	nq	# 95

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



#1

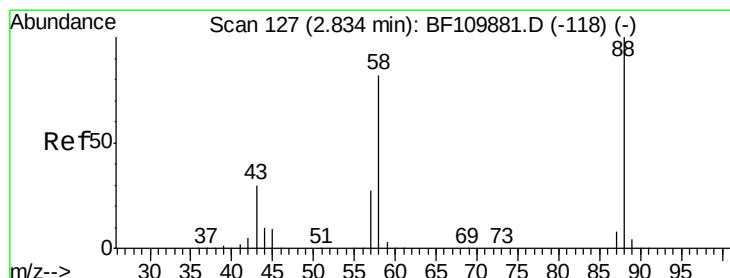
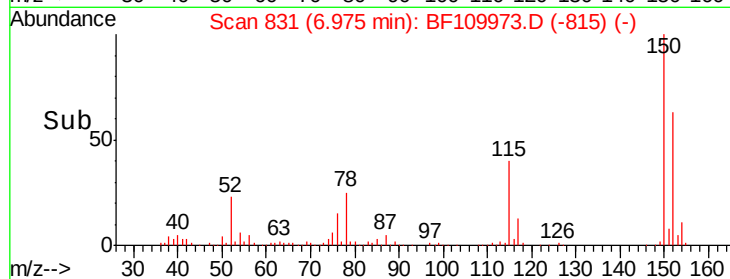
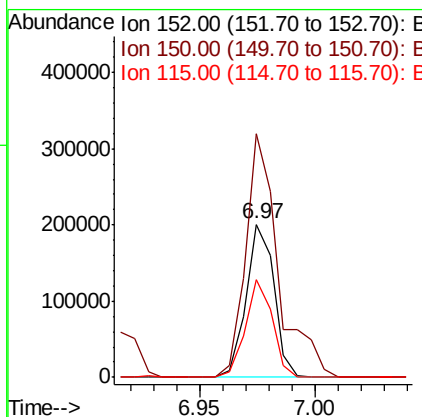
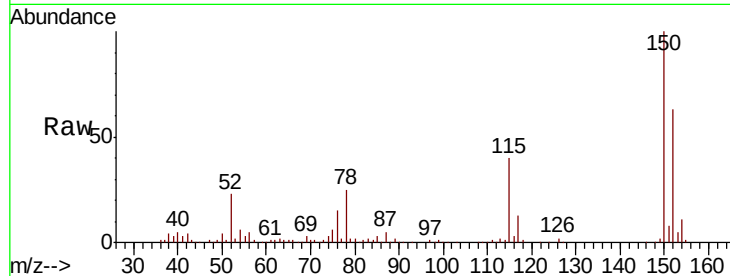
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.7	184.1
115	63.4	49.1	73.7

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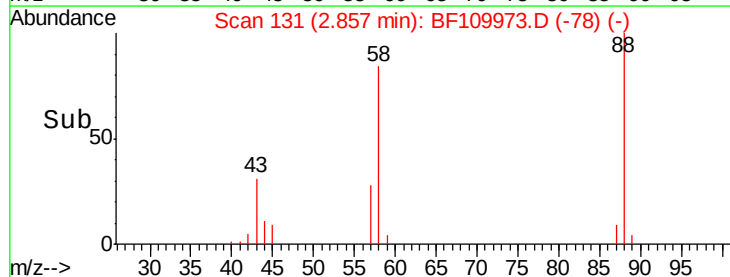
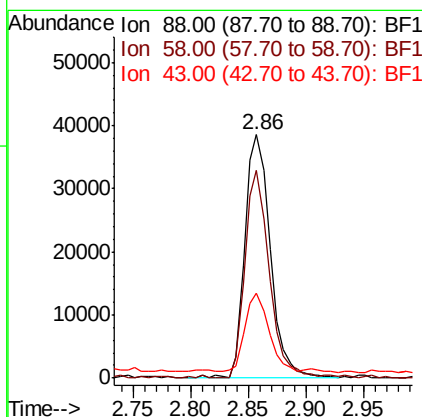
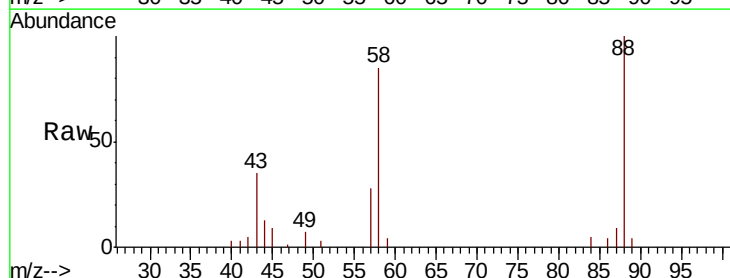
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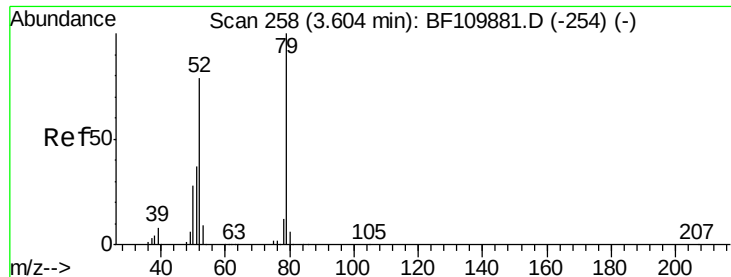


#2

1,4-Dioxane
Concen: 9.760 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	57.1	85.7
43	30.2	24.1	36.1





#3

Pvridine

Concen: 6.753 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.02 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

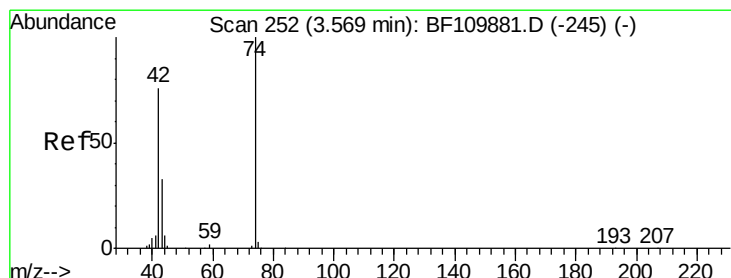
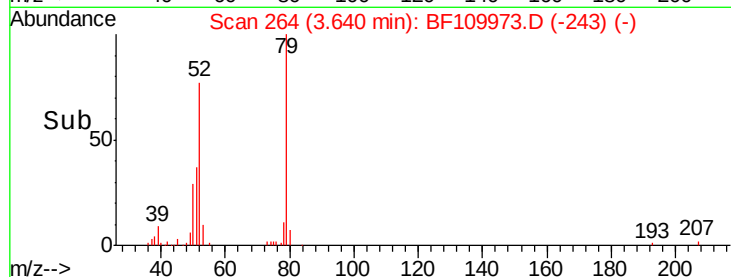
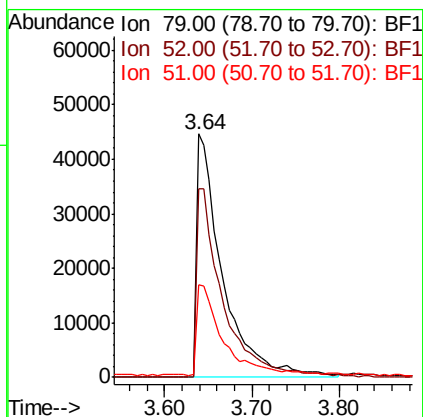
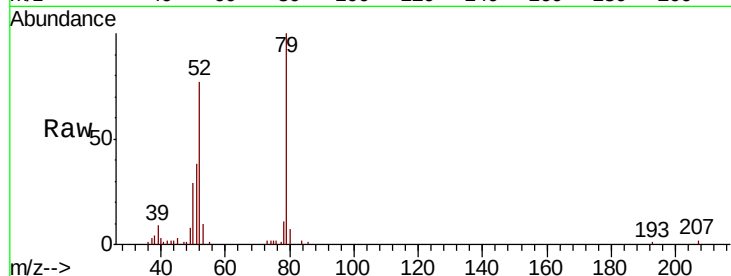
ClientSampleId :

MW-1MSD

Tot Ion:	79	Resp:	91605
Ion Ratio	Lower	Upper	
79	100		
52	77.3	53.1	79.7
51	38.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 13.853 ng

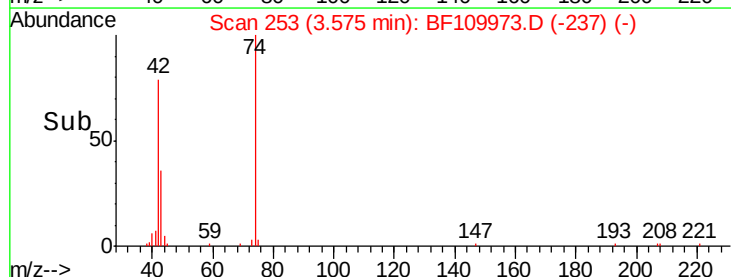
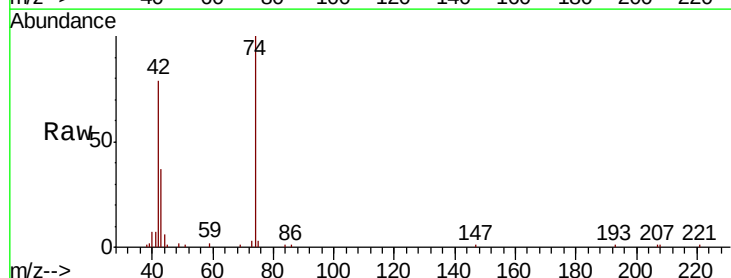
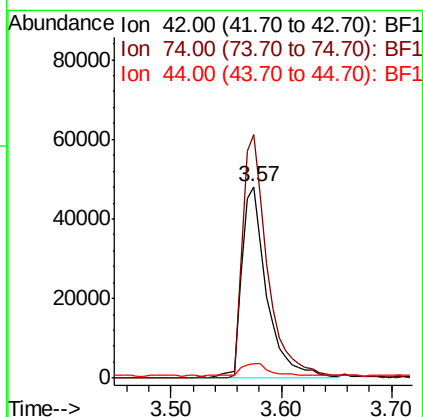
RT: 3.57 min Scan# 253

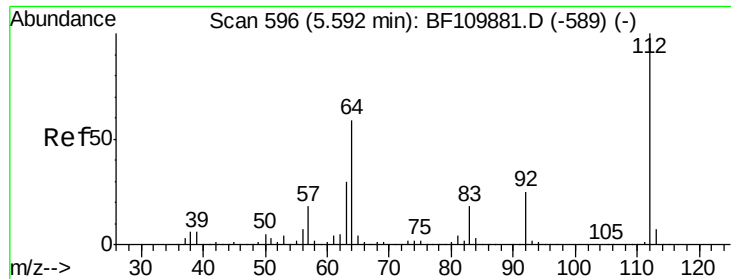
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	42	Resp:	76656
Ion Ratio	Lower	Upper	
42	100		
74	127.2	105.5	158.3
44	7.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 52.216 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

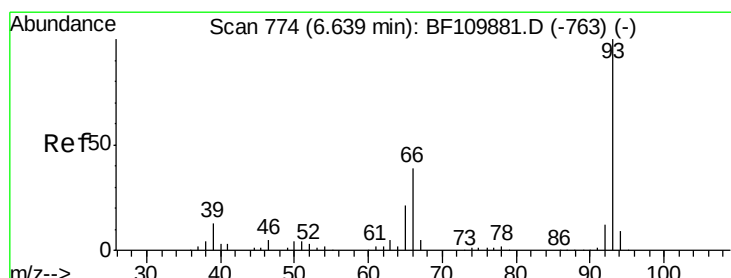
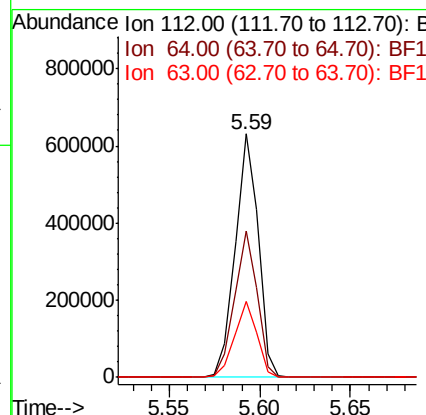
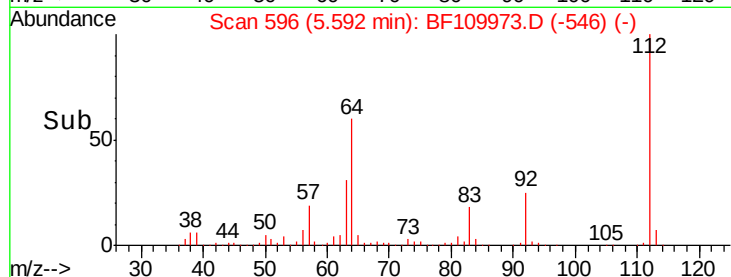
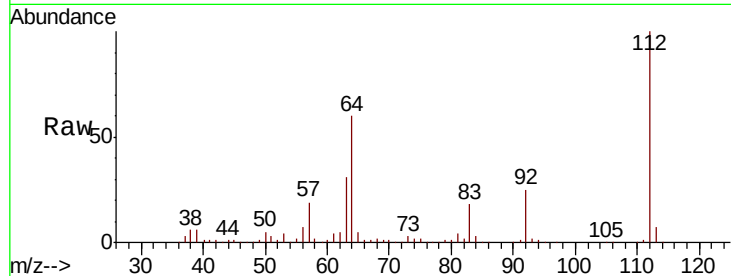
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.2	23.7	35.5

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#6

Aniline

Concen: 8.014 ng

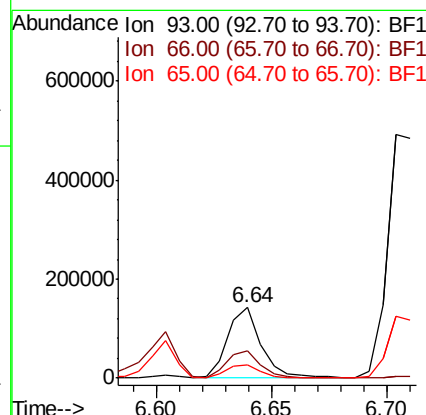
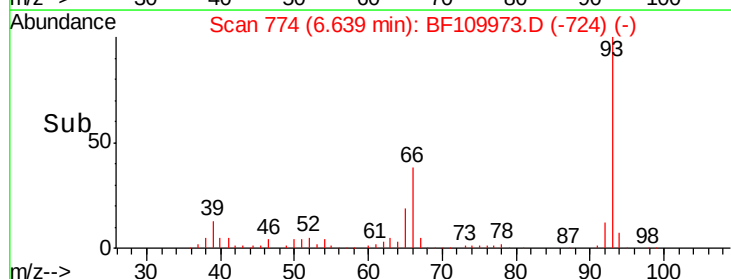
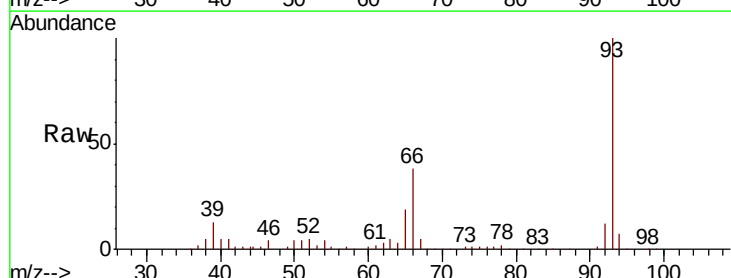
RT: 6.64 min Scan# 774

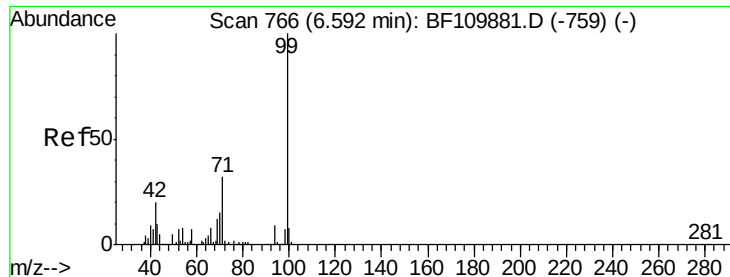
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.1	67.4	101.0#
65	19.0	41.0	61.4#





#7

Phenol-d6

Concen: 32.509 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

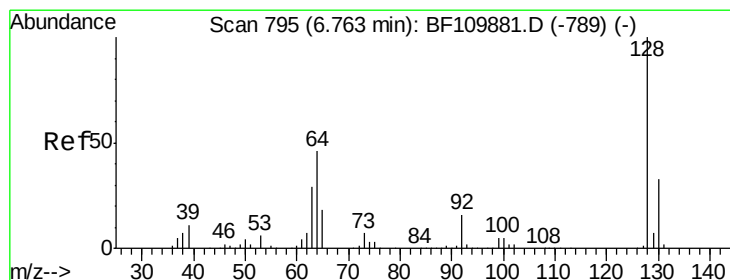
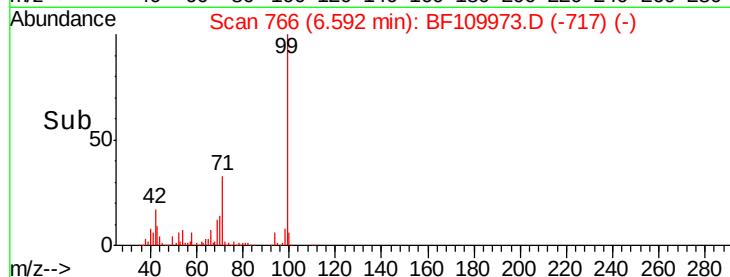
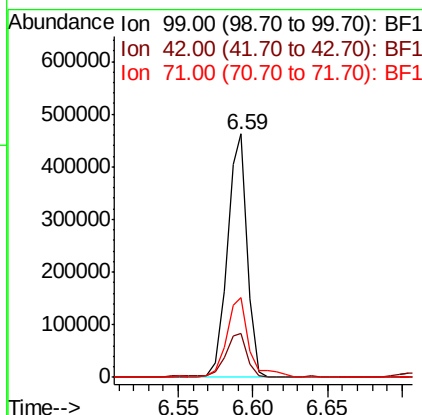
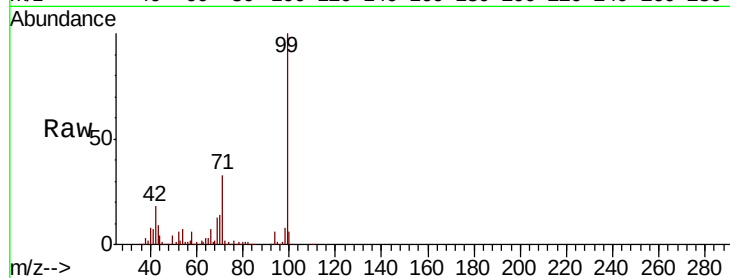
ClientSampleId :

MW-1MSD

Tot Ion:	99	Resp:	432434
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.8	23.6
71	33.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 30.597 ng

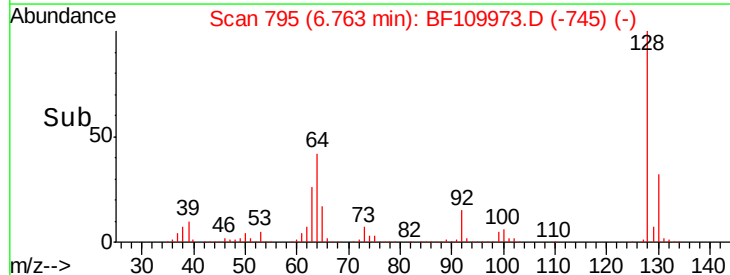
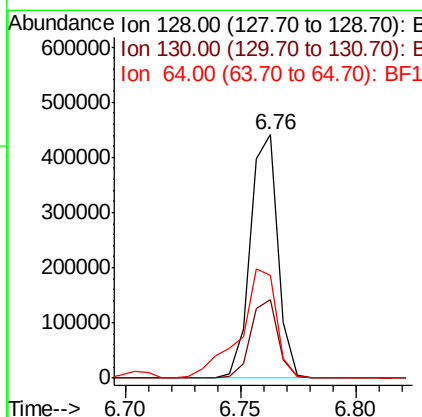
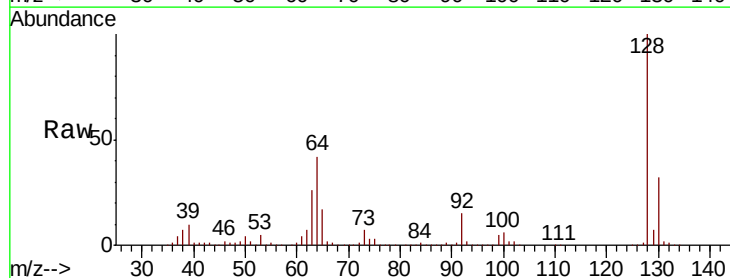
RT: 6.76 min Scan# 795

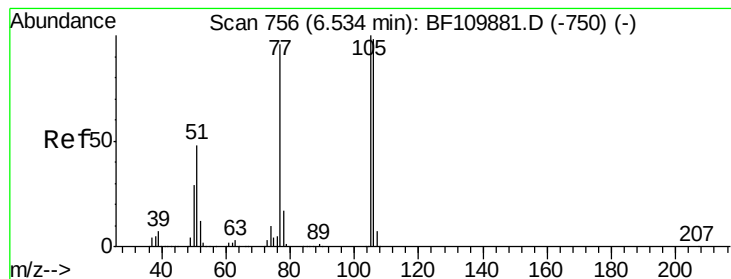
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	128	Resp:	367148
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	42.2	26.0	66.0





#9

Benzaldehyde

Concen: 19.310 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

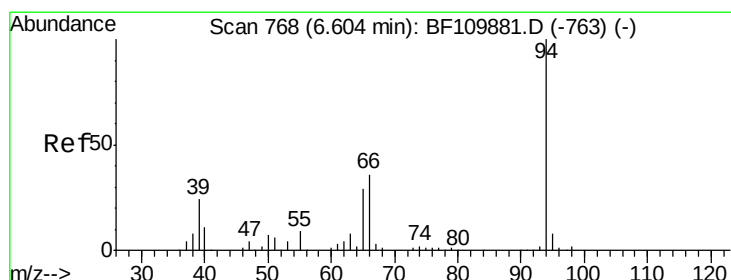
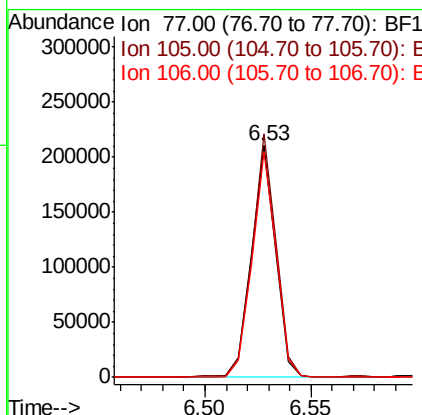
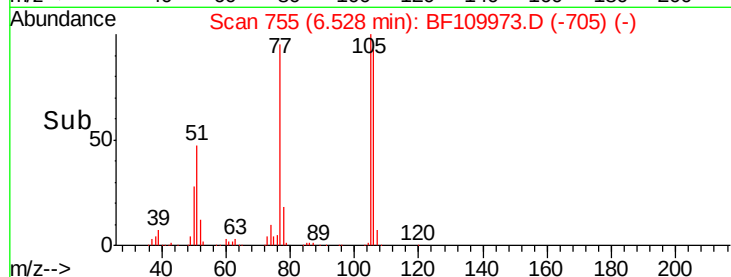
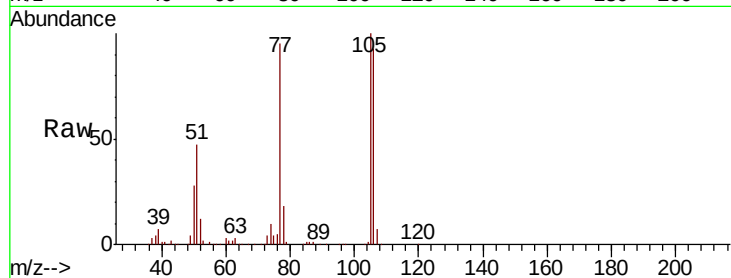
ClientSampleId :

MW-1MSD

Tot Ion:	77	Resp:	166918
Ion Ratio	Lower	Upper	
77	100		
105	105.0	78.6	118.6
106	97.3	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 13.779 ng

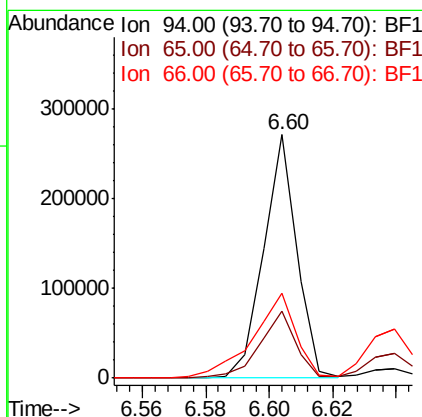
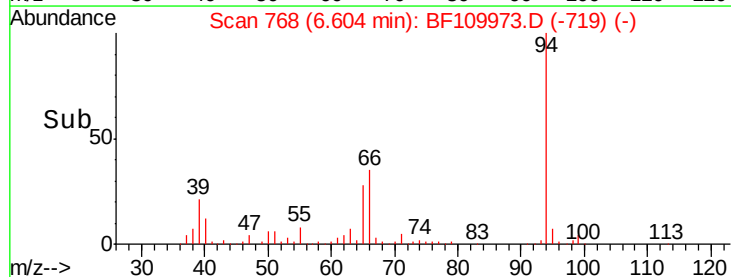
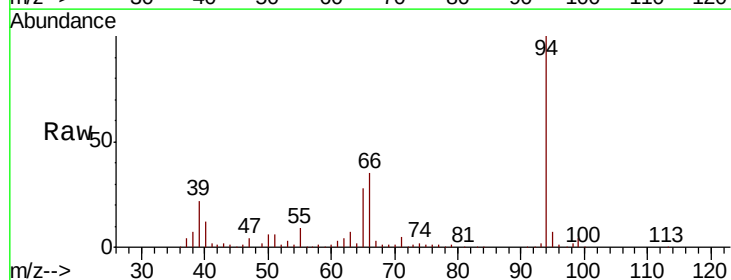
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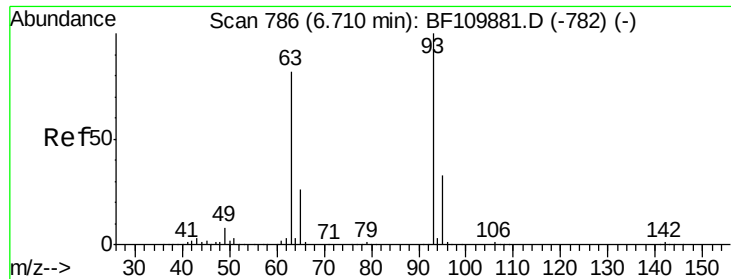
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	94	Resp:	197887
Ion Ratio	Lower	Upper	
94	100		
65	27.6	25.3	65.3
66	34.9	54.5	94.5#





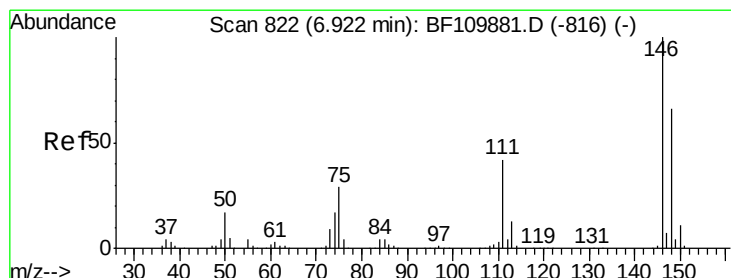
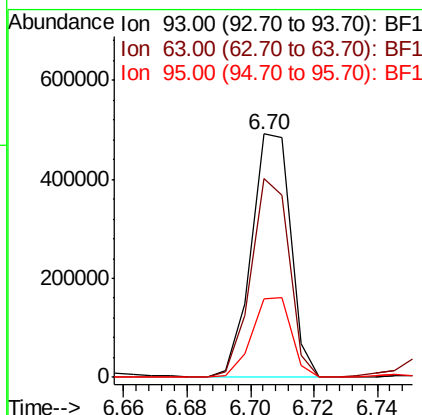
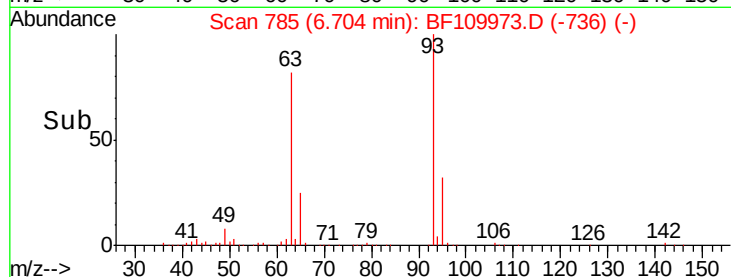
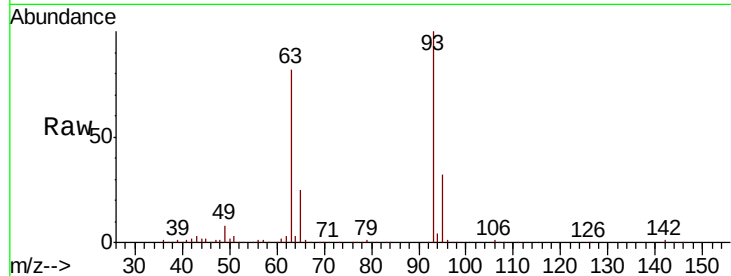
#11
bis(2-Chloroethyl)ether
Concen: 35.442 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion:	93	Resp:	425589
Ion	Ratio	Lower	Upper
93	100		
63	81.5	53.4	93.4
95	32.3	12.1	52.1

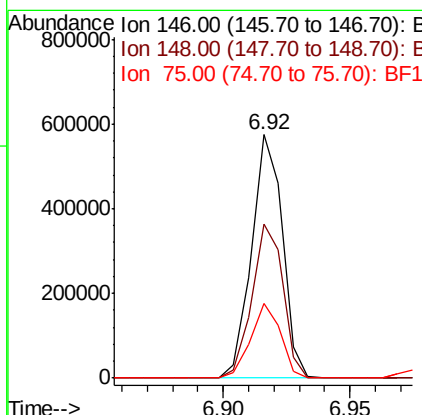
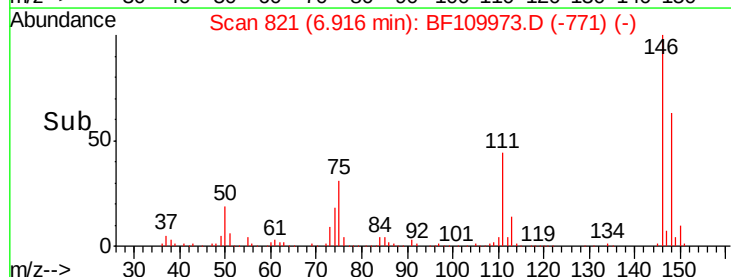
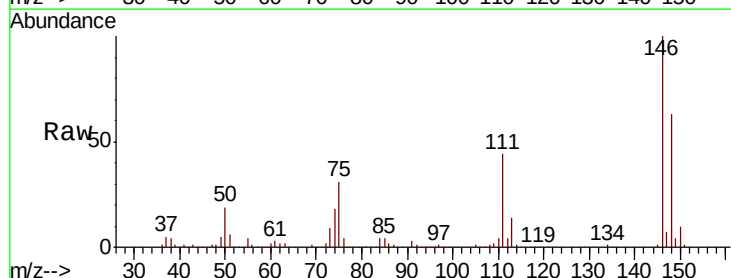
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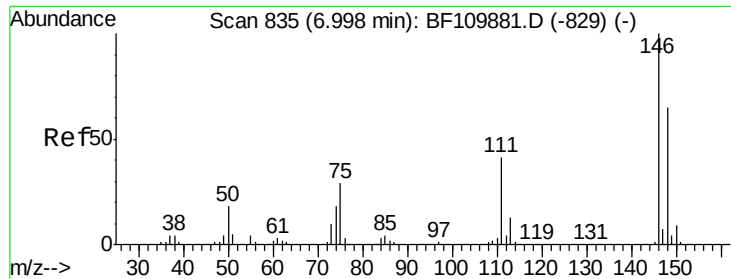
Sohil
10/19/2018 12:15:01 PM



#12
1,3-Dichlorobenzene
Concen: 36.992 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:	146	Resp:	486737
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
75	30.9	25.8	38.6





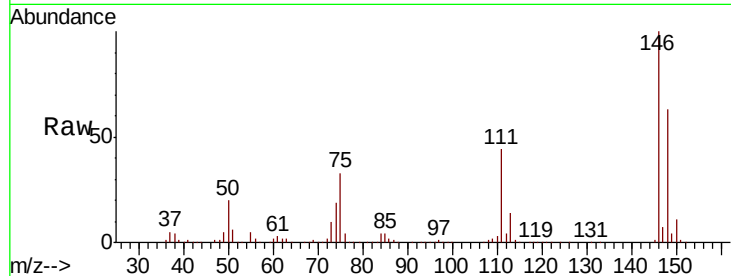
#13
 1,4-Dichlorobenzene
 Concen: 37.193 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.7	32.7	49.1

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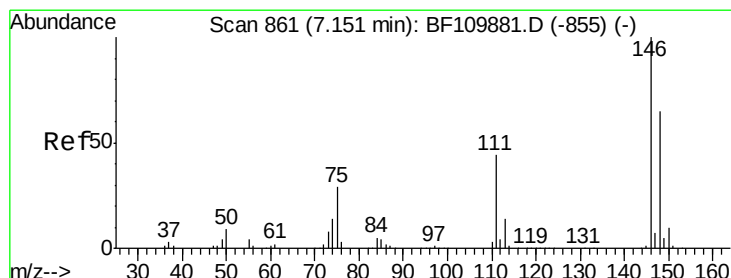
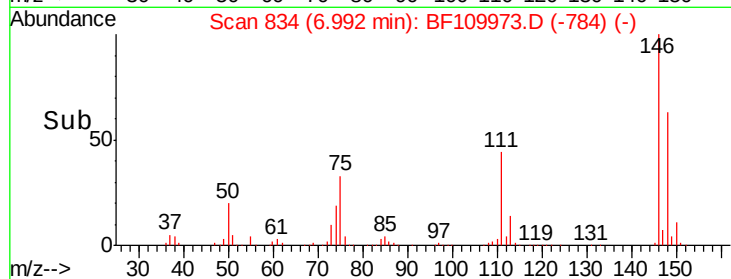
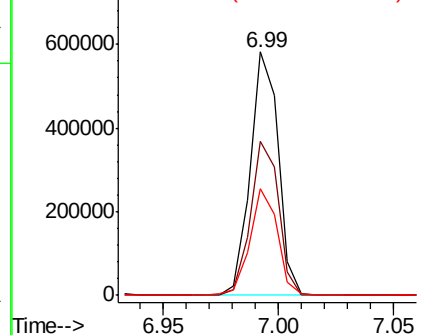


Abundance

Ion 146.00 (145.70 to 146.70): E

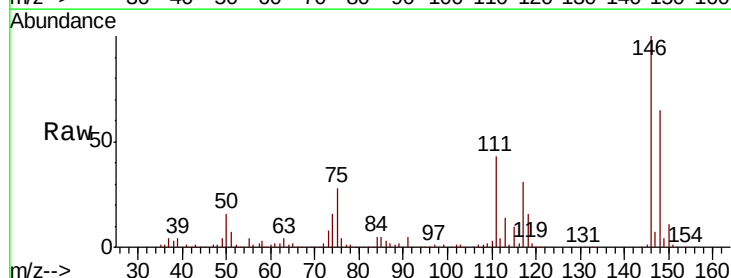
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.108 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	42.7	35.8	53.6

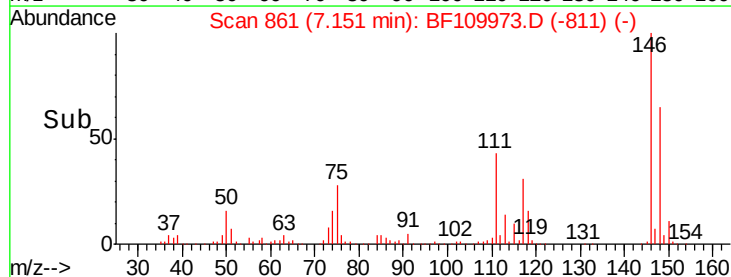
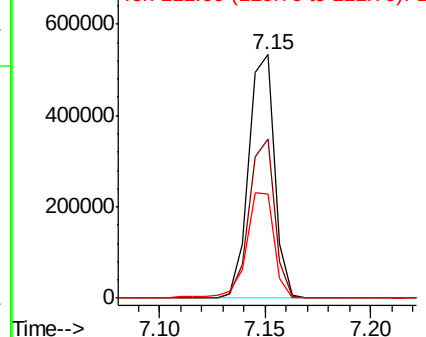


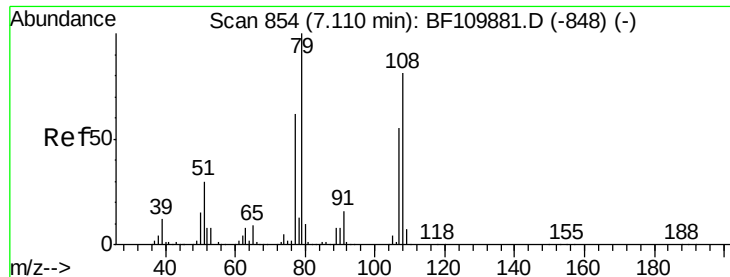
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.429 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

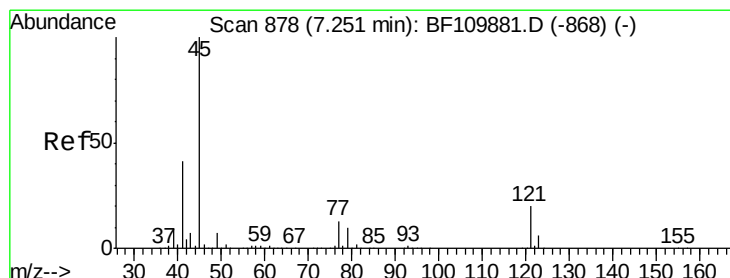
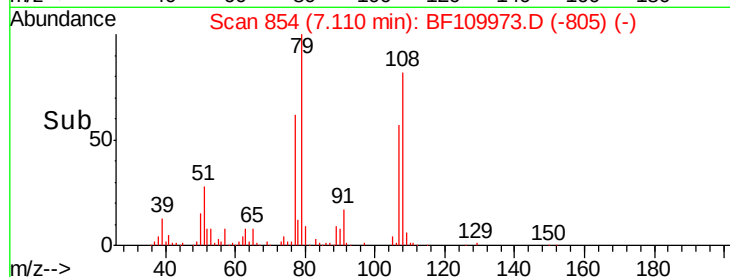
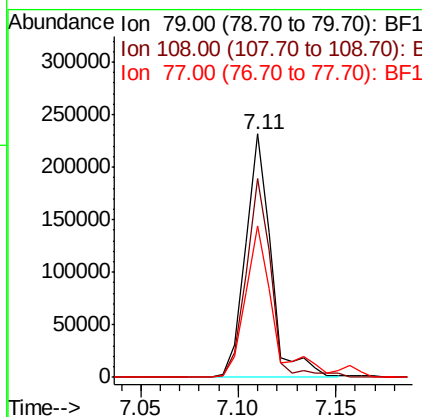
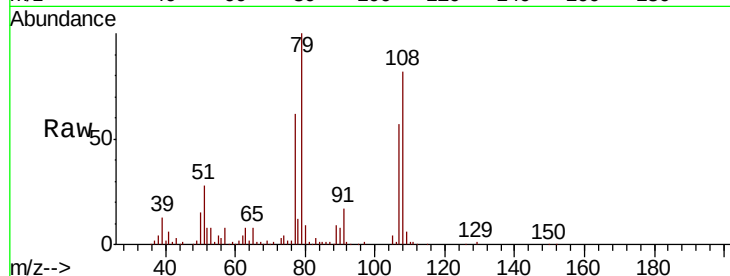
ClientSampleId :

MW-1MSD

Tot Ion:	79	Resp:	209061
Ion Ratio	Lower	Upper	
79	100		
108	81.9	56.3	84.5
77	62.3	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.742 ng

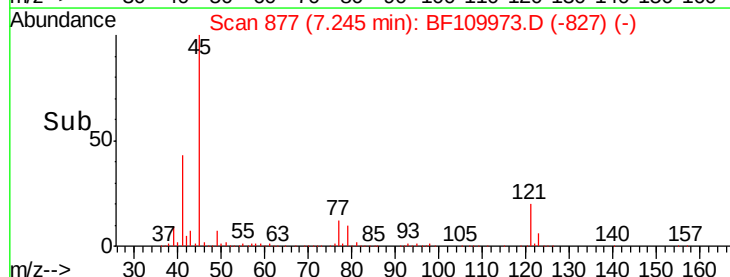
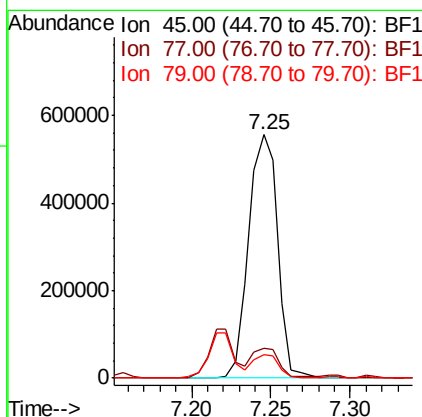
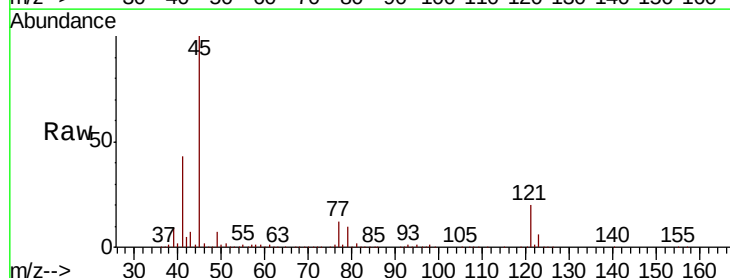
RT: 7.25 min Scan# 877

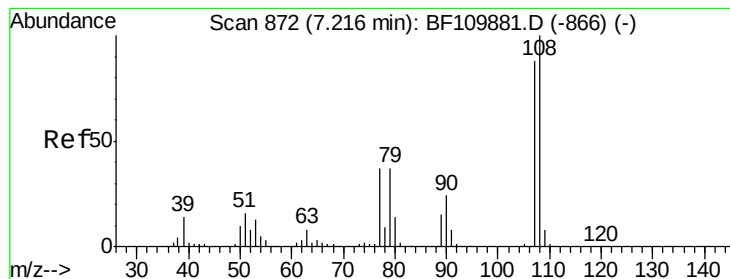
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	45	Resp:	704449
Ion Ratio	Lower	Upper	
45	100		
77	12.5	10.0	50.0
79	9.6	6.1	46.1





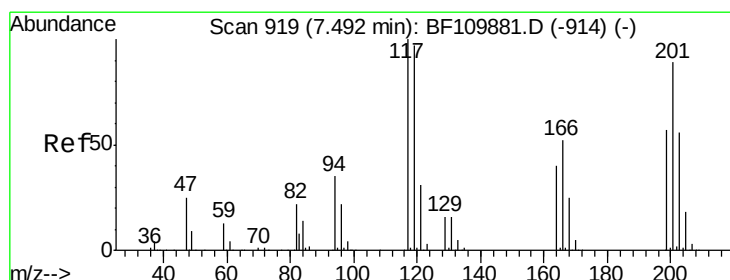
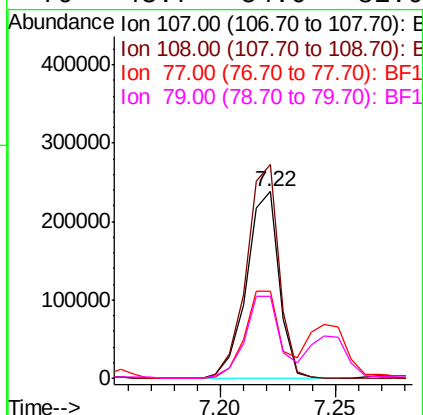
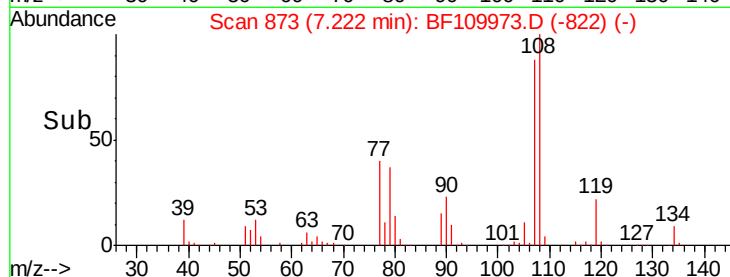
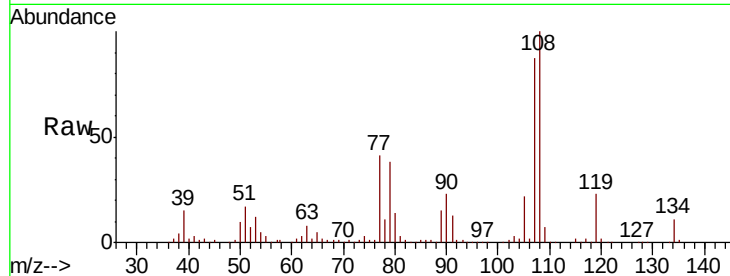
#17
2-Methylphenol
Concen: 24.245 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	92.6	138.8	
77	46.8	59.4	89.2	
79	43.7	54.0	81.0	

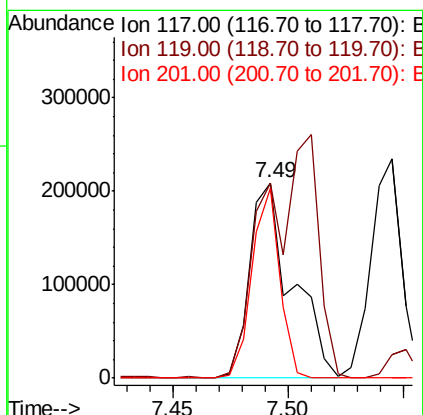
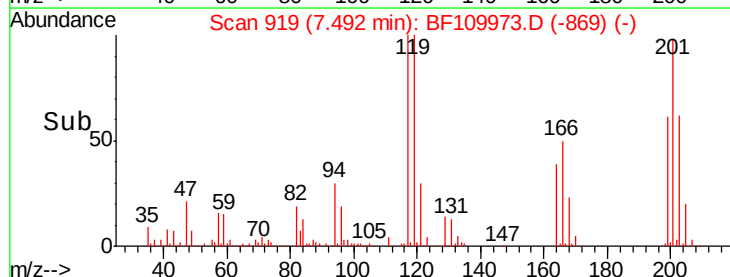
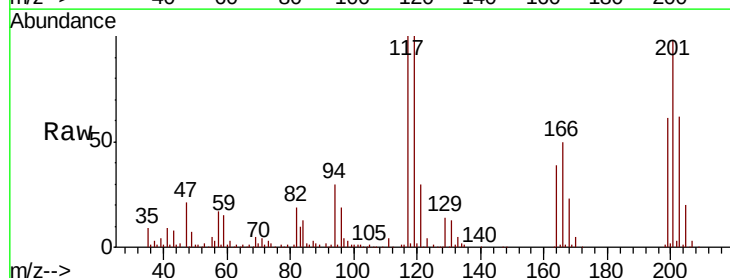
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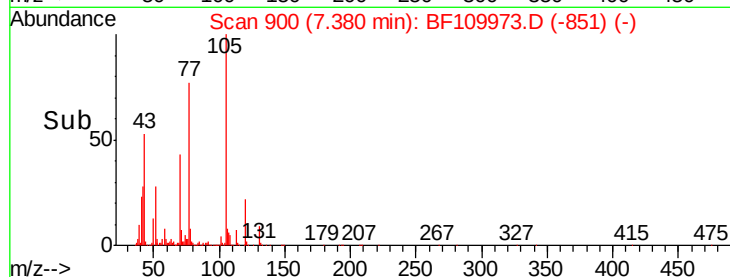
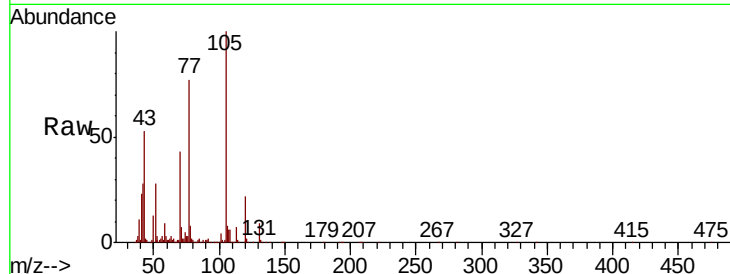
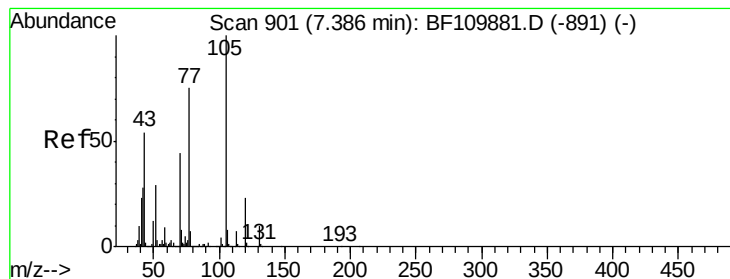
Sohil
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#18
Hexachloroethane
Concen: 57.116 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	75.0	112.6	
201	97.5	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 35.469 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tot Ion: 70 Resp: 302935

Ion Ratio Lower Upper

70 100

42 64.6 47.4 71.2

101 9.7 7.3 10.9

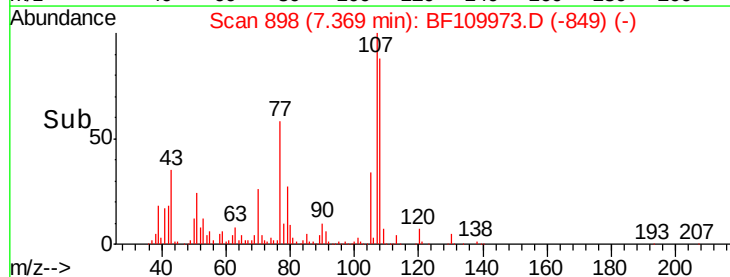
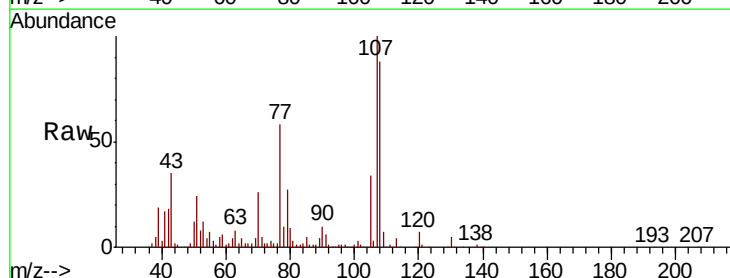
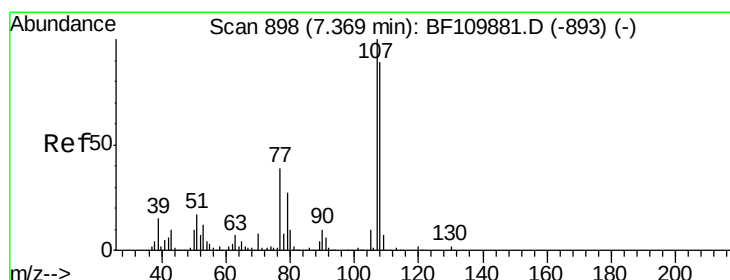
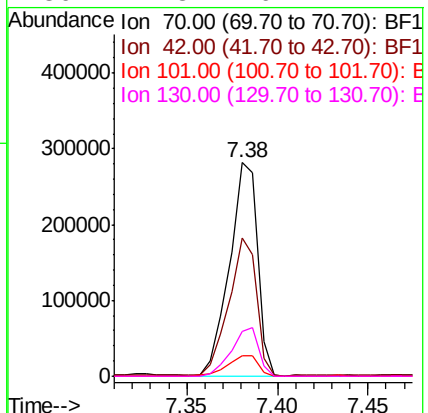
130 21.3 16.2 24.2

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#20

3+4-Methylphenols

Concen: 21.561 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion: 107 Resp: 264734

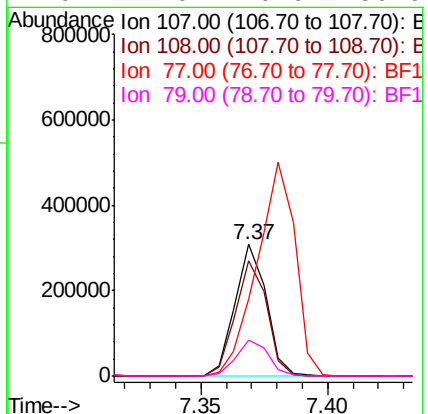
Ion Ratio Lower Upper

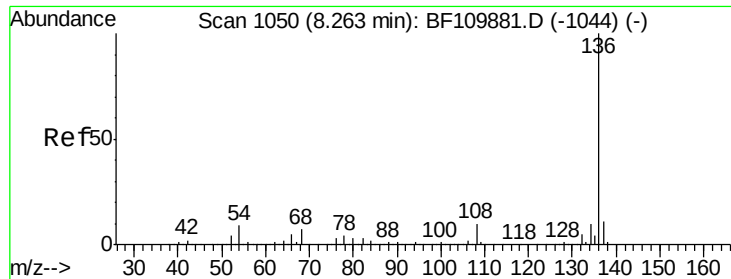
107 100

108 87.9 71.4 111.4

77 58.0 47.3 87.3

79 27.0 10.9 50.9





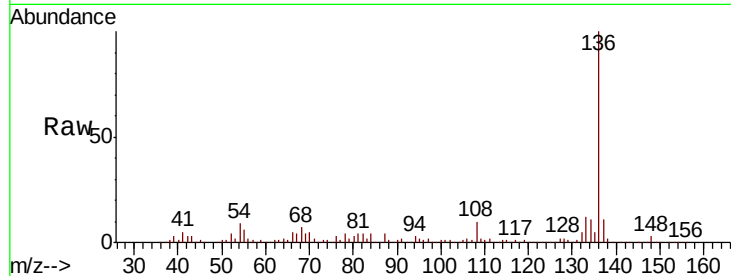
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		620278		
137	11.0	8.8	13.2		
54	8.7	5.4	8.2#		
68	6.8	4.2	6.2#		

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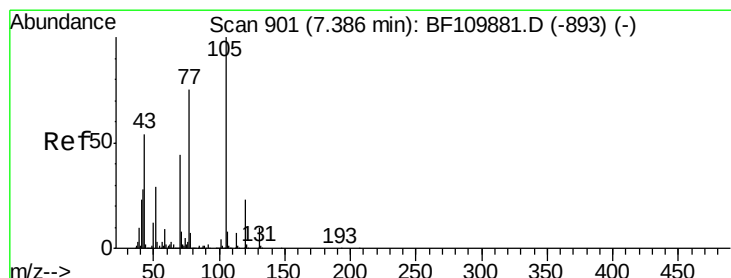
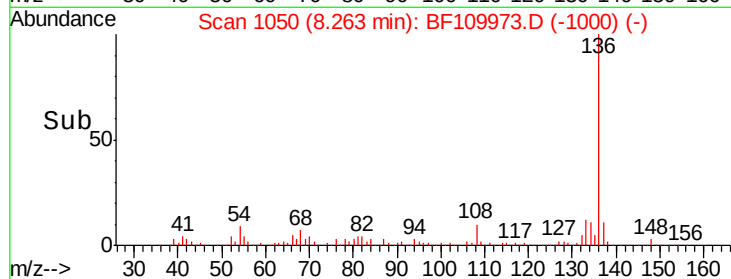
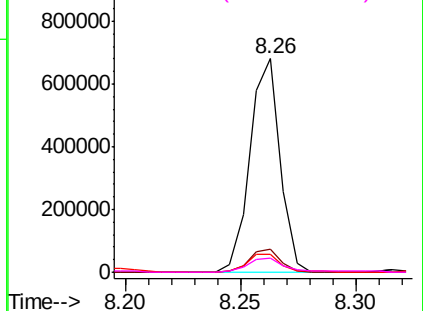
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.875 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		602363		
71	7.1	5.2	7.8		
51	28.4	21.8	32.8		
120	22.1	17.0	25.4		

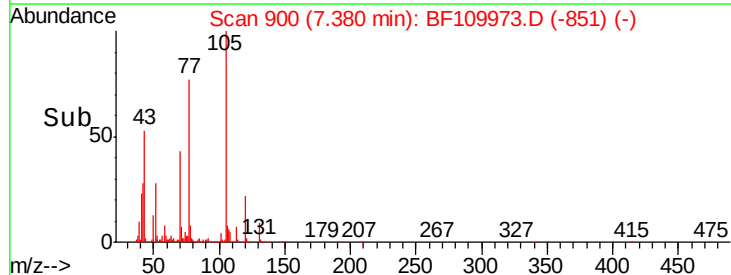
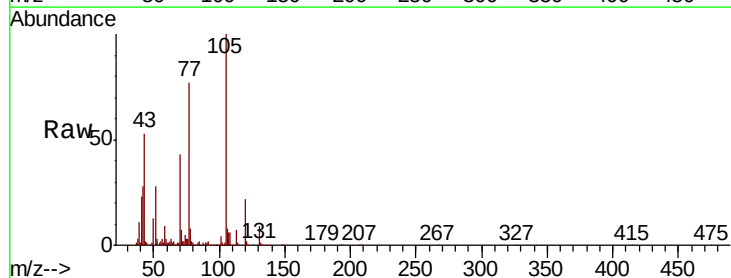
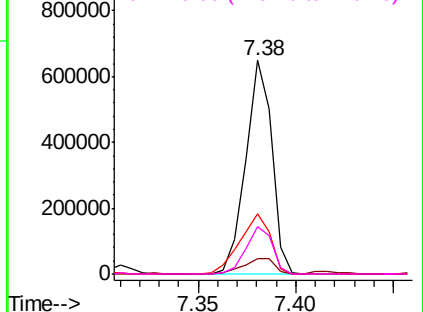
Abundance

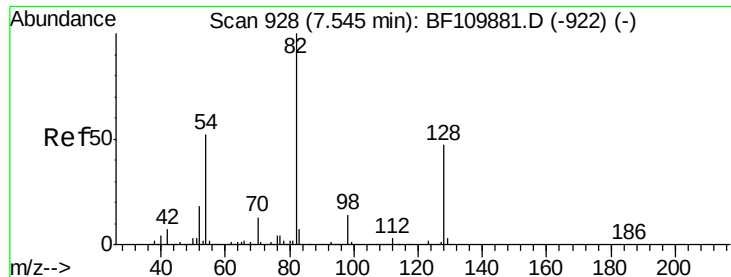
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





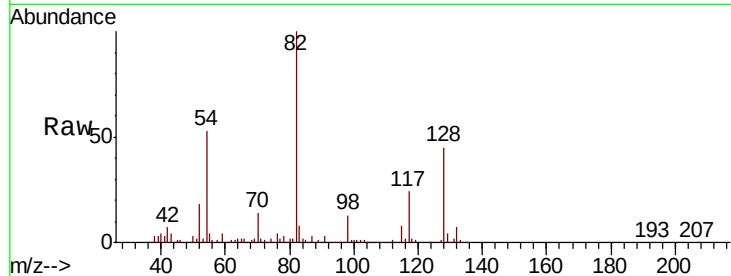
#23
Nitrobenzene-d5
Concen: 98.041 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	52.9	38.6	58.0

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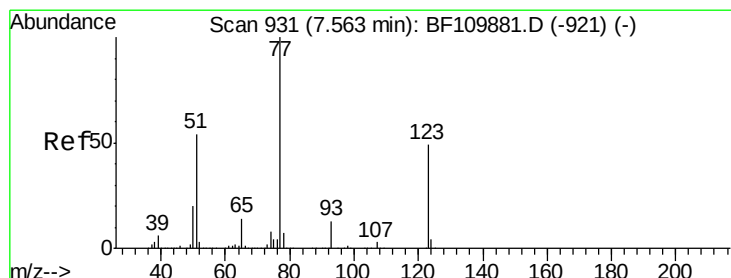
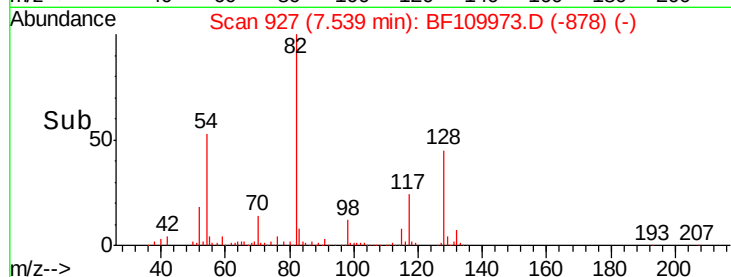
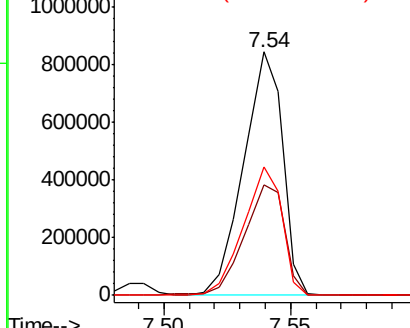


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 45.972 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

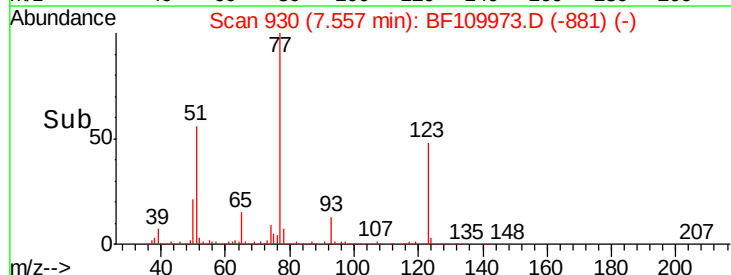
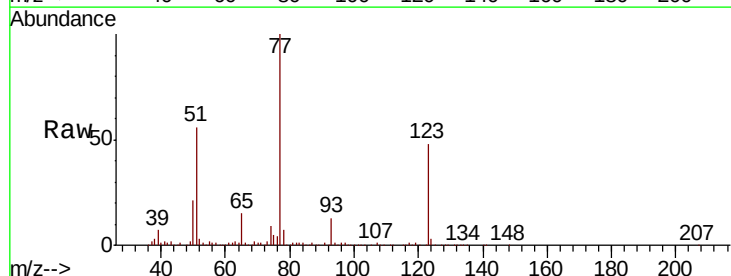
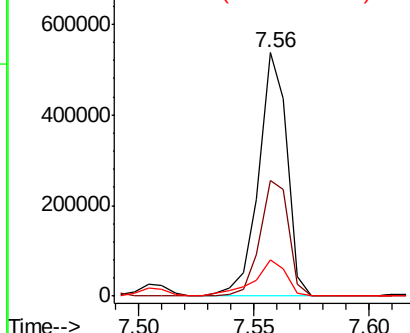
Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	35.7	53.5
65	14.7	10.7	16.1

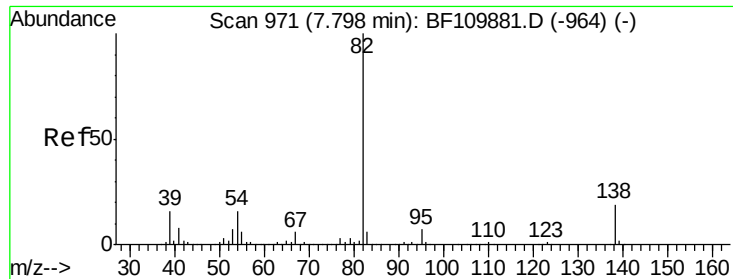
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





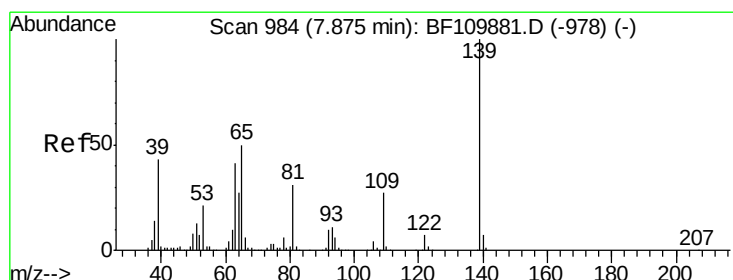
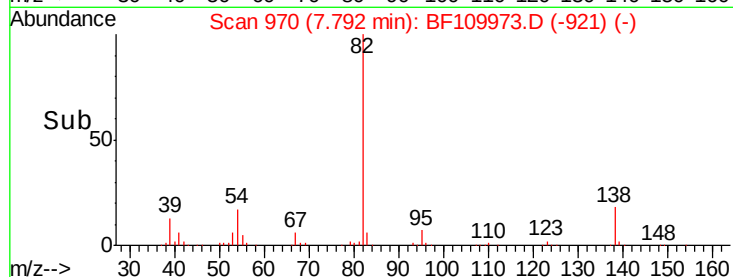
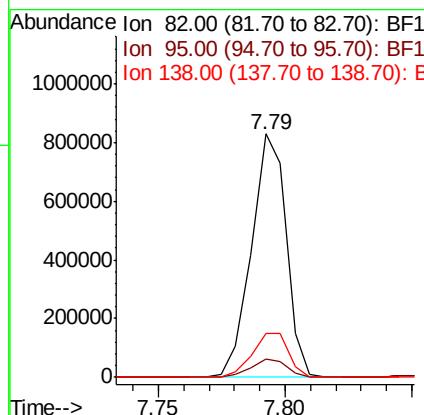
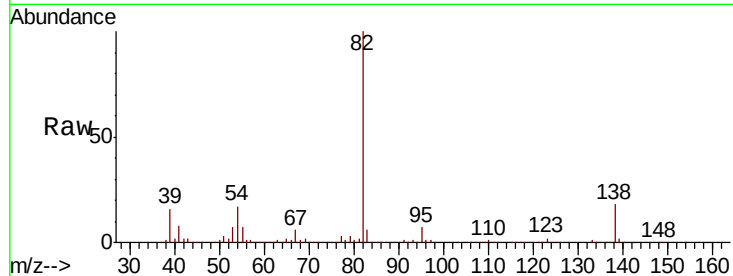
#25
Isophorone
Concen: 44.016 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	796360		
95	7.4		5.7	8.5
138	18.1		13.2	19.8

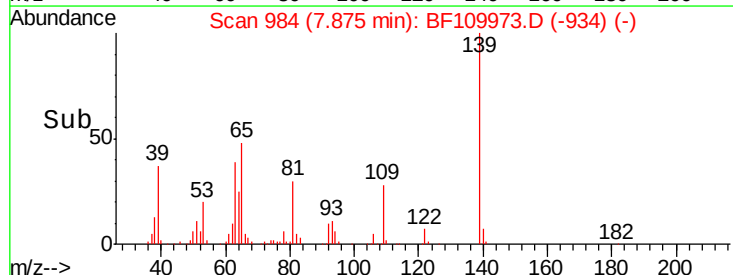
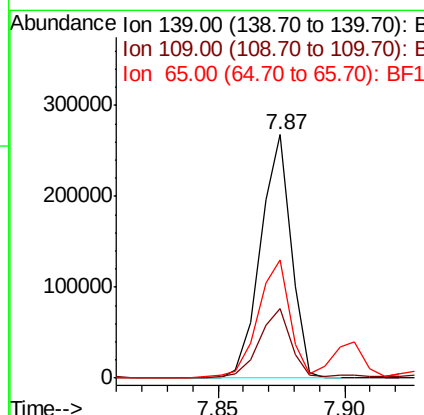
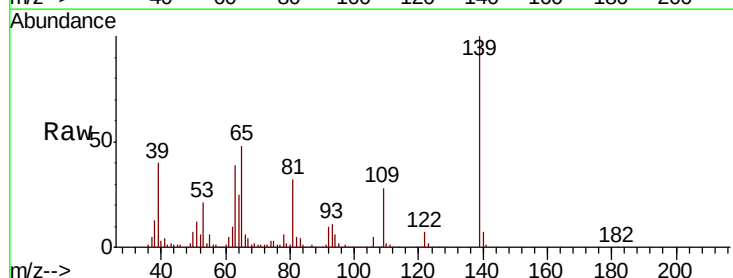
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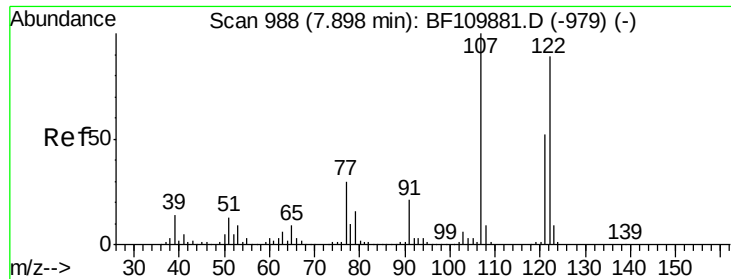
Sohil
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#26
2-Nitrophenol
Concen: 54.762 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	227119		
109	28.5		25.0	37.6
65	48.4		44.0	66.0





#27

2,4-Dimethylphenol

Concen: 39.733 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

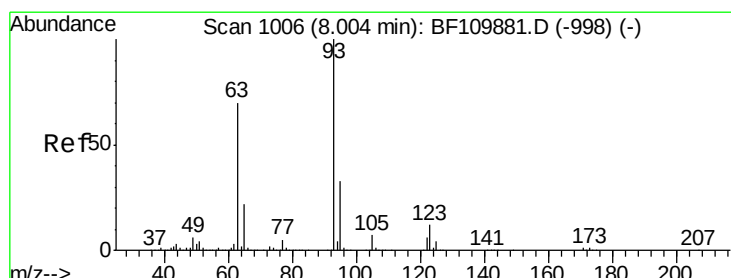
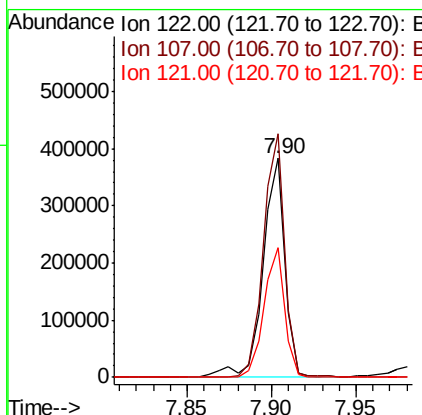
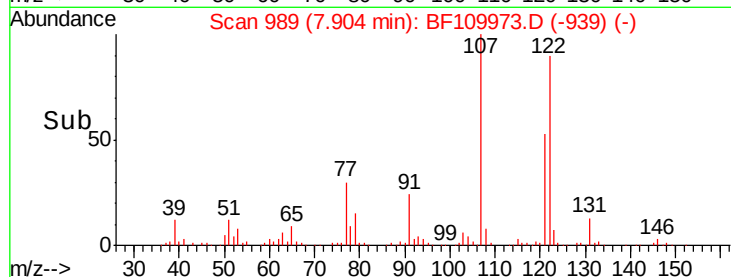
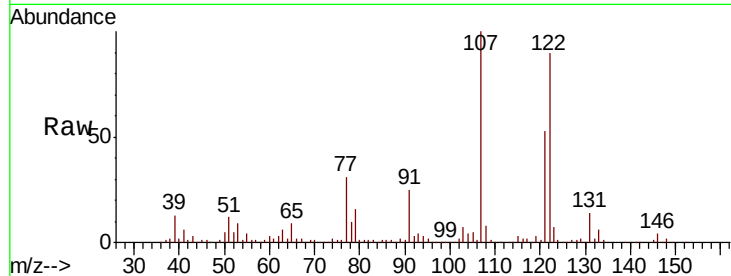
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	92.5	138.7
121	59.1	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.357 ng

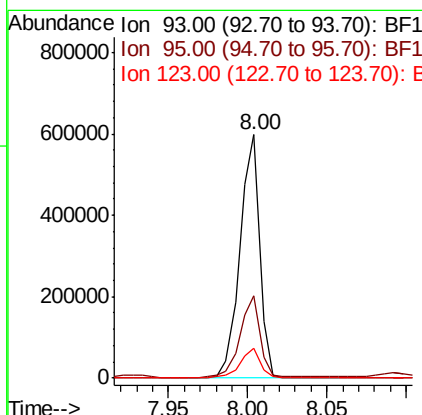
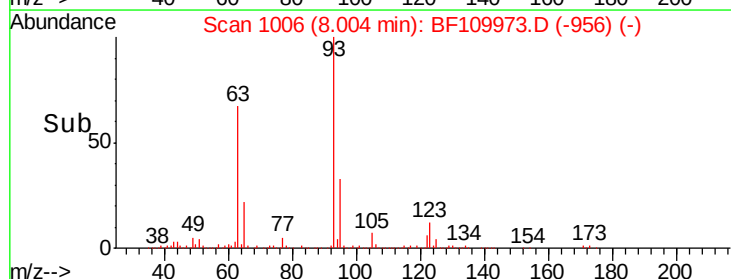
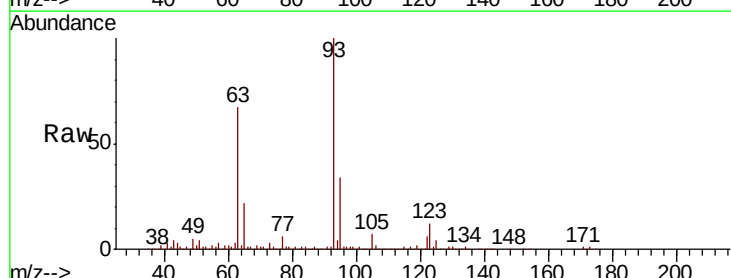
RT: 8.00 min Scan# 1006

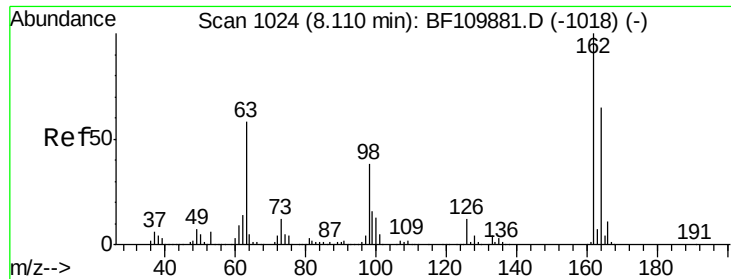
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.4	39.6
123	12.3	9.0	13.6





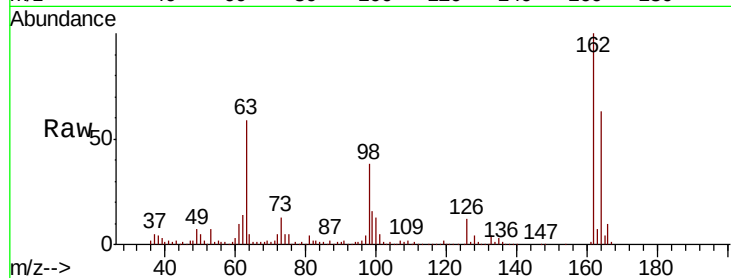
#29
2,4-Dichlorophenol
Concen: 38.904 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.8	44.6	84.6	
98	37.6	17.4	57.4	

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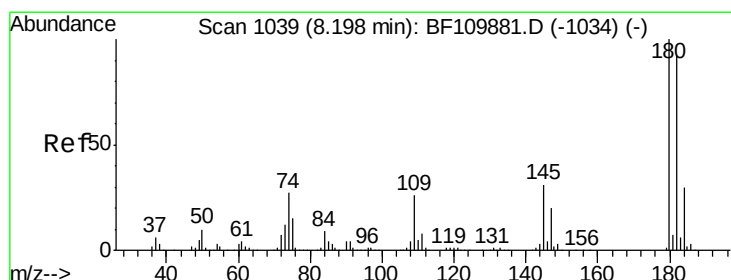
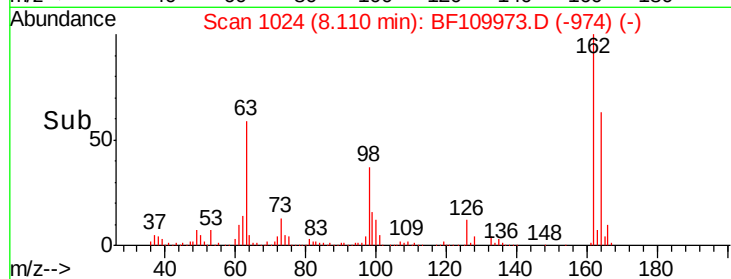
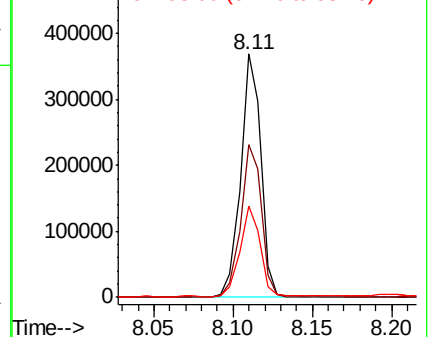


Abundance

Ion 162.00 (161.70 to 162.70): E

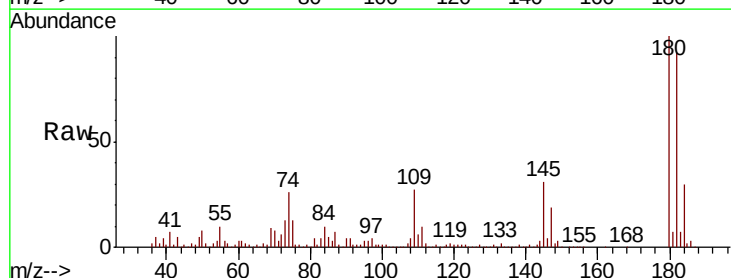
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.104 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.5	80.3	120.5	
145	31.1	25.4	38.0	

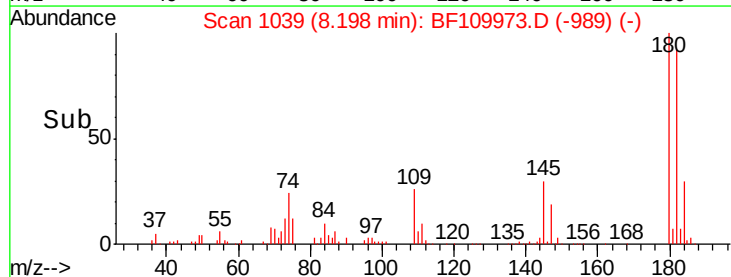
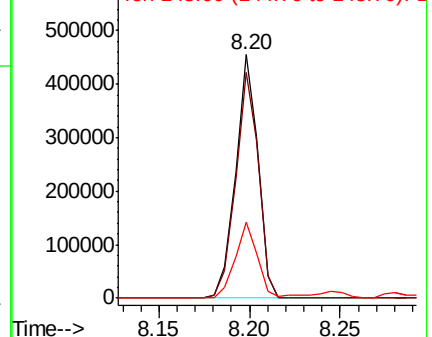


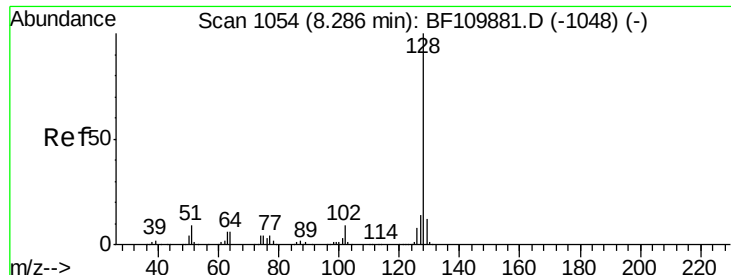
Abundance

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





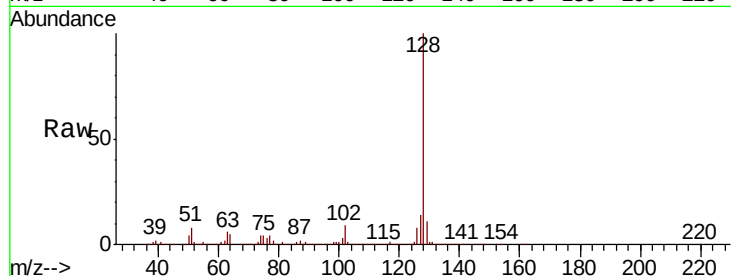
#31
Naphthalene
Concen: 49.638 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.8	16.2

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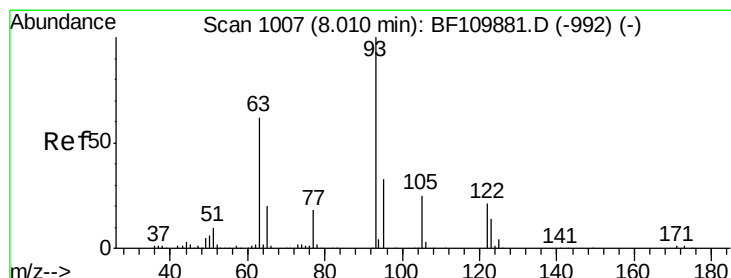
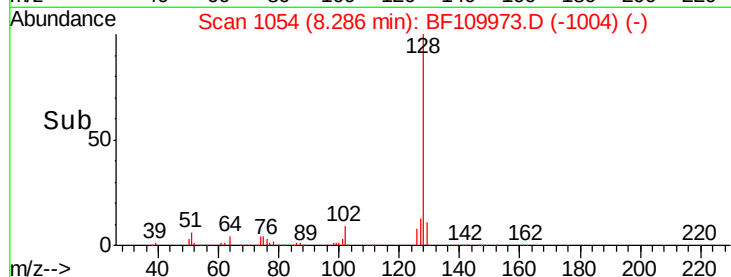
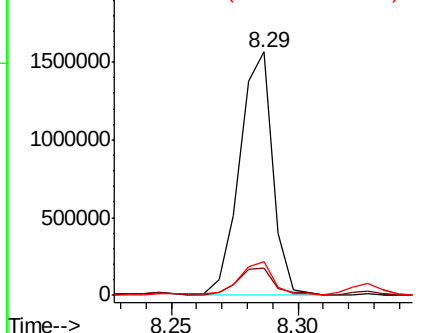


Abundance

Ion 128.00 (127.70 to 128.70): E

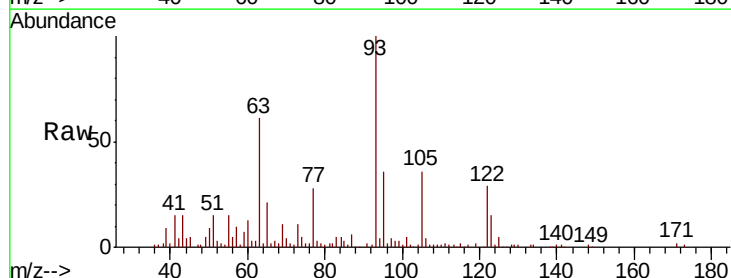
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.670 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	109.0	149.0
77	95.9	79.0	119.0

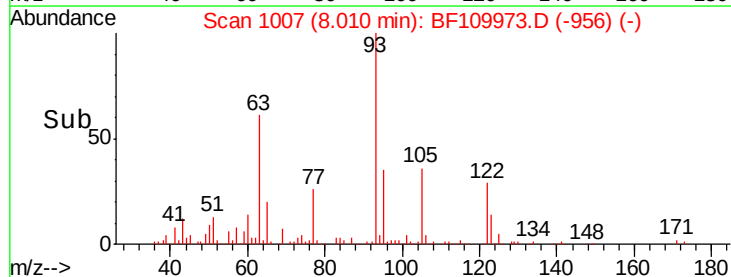
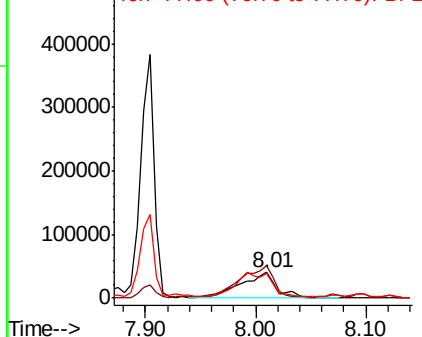


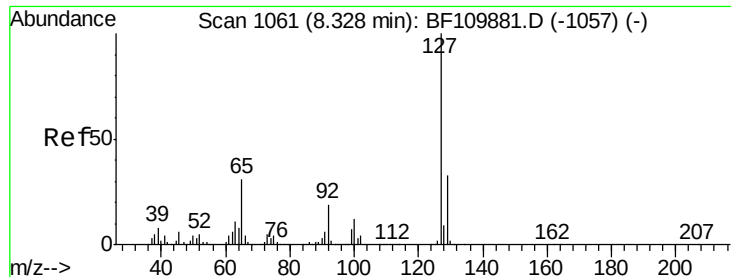
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





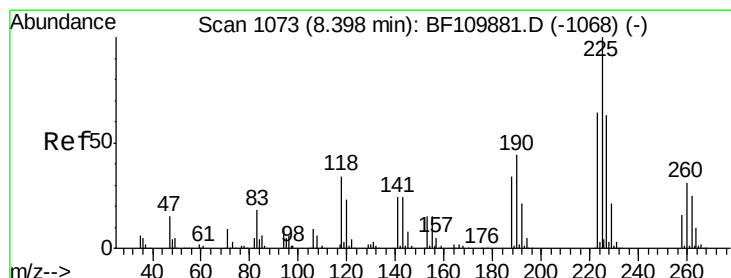
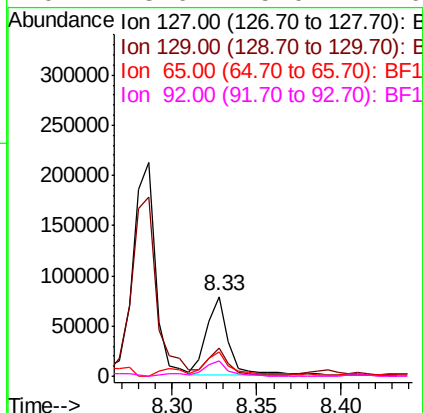
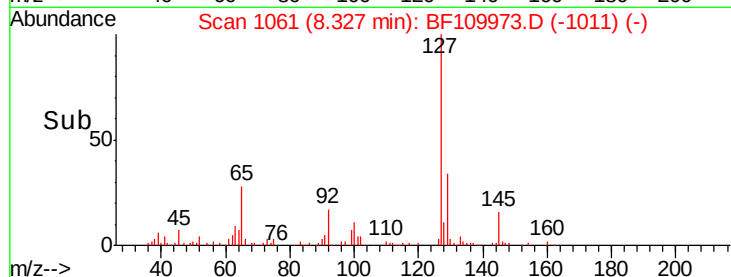
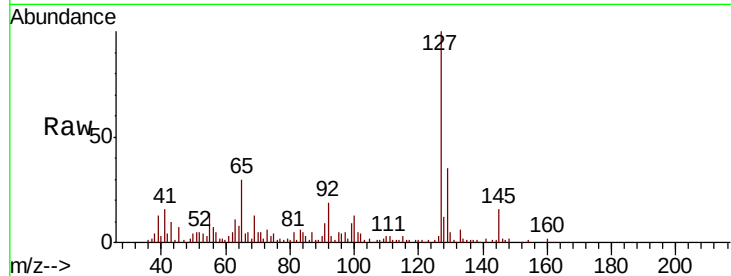
#33
4-Chloroaniline
Concen: 5.759 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.1	26.0	39.0		
65	29.9	25.1	37.7		
92	18.6	15.0	22.6		

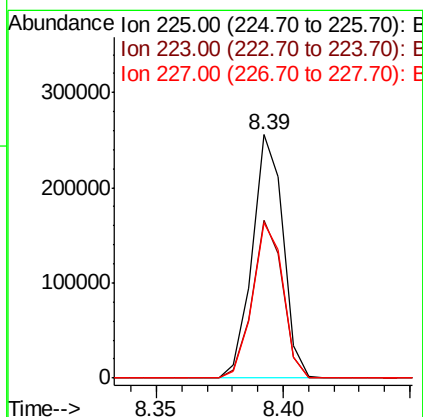
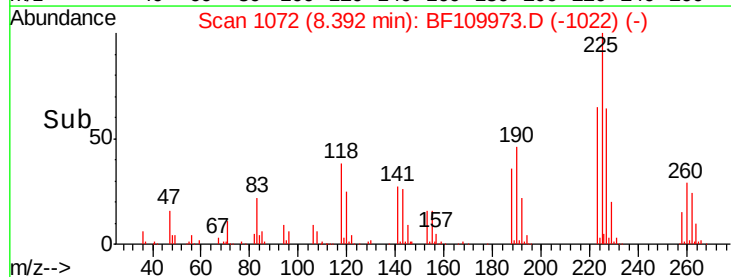
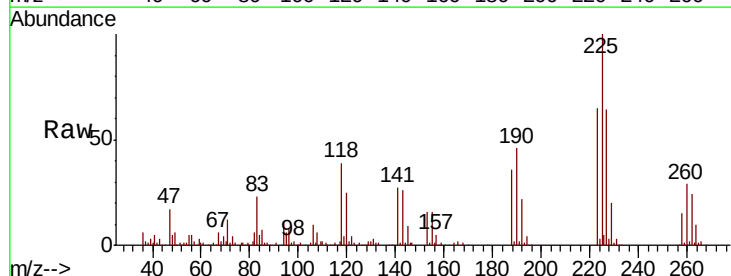
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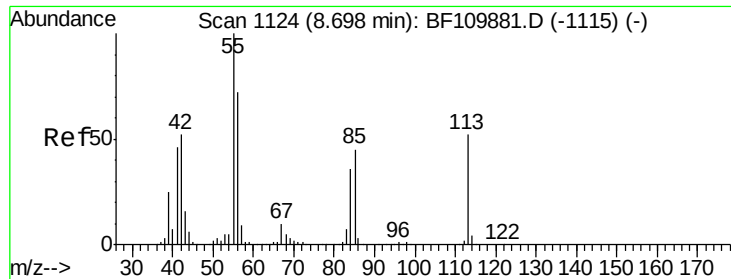
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#34
Hexachlorobutadiene
Concen: 41.408 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	51.4	77.2		
227	63.7	51.0	76.6		





#35

Caprolactam

Concen: 0.438 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

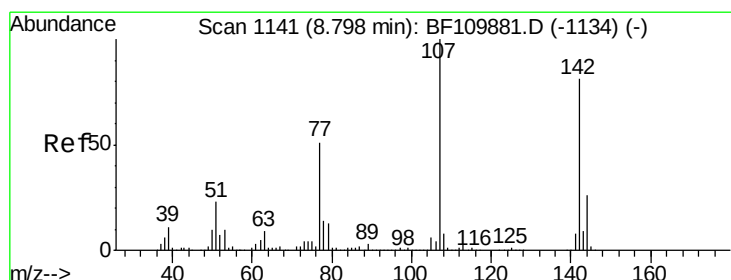
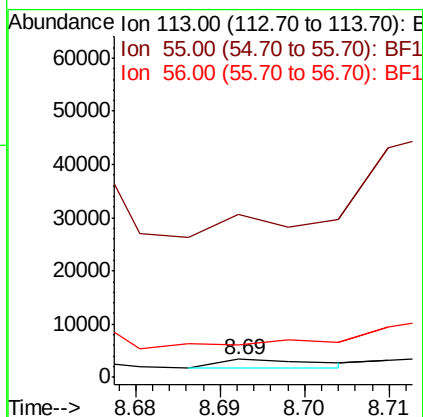
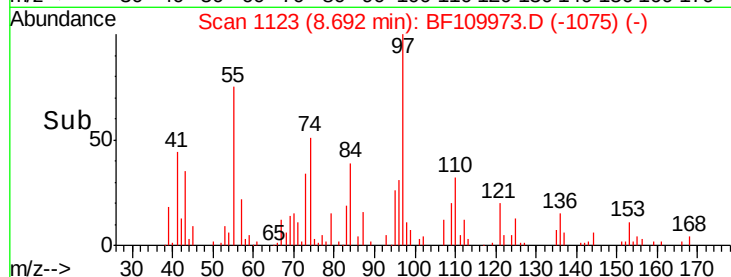
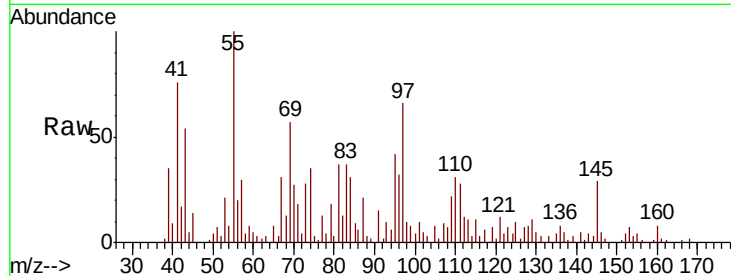
ClientSampleId :

MW-1MSD

Tot Ion:	113	Resp:	1315
Ion Ratio	Lower	Upper	
113	100		
55	896.6	142.8	182.8#
56	182.5	105.0	145.0#

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#36

4-Chloro-3-methylphenol

Concen: 33.196 ng

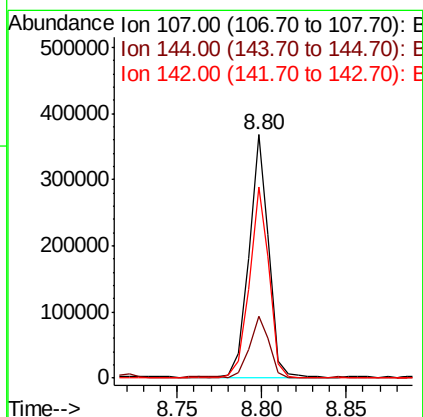
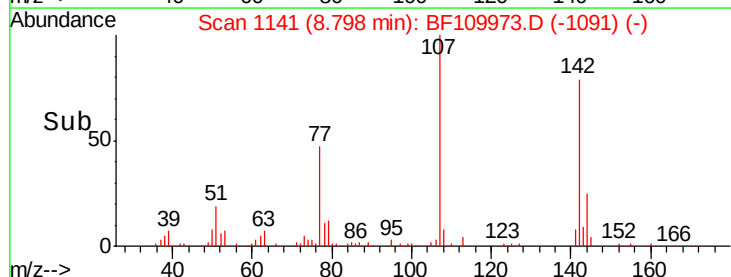
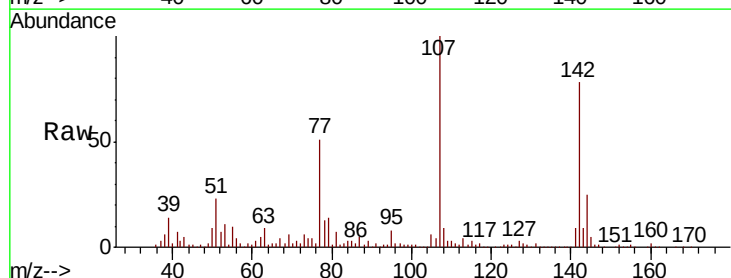
RT: 8.80 min Scan# 1141

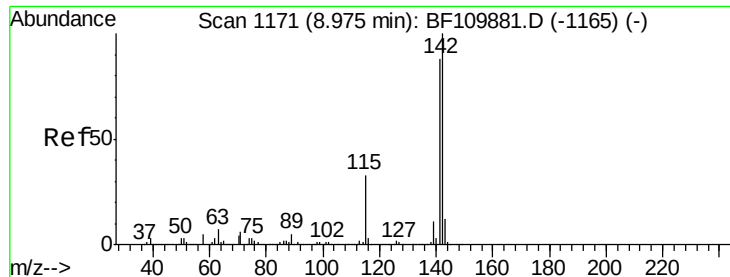
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	107	Resp:	296052
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.0	30.0
142	78.4	59.7	89.5





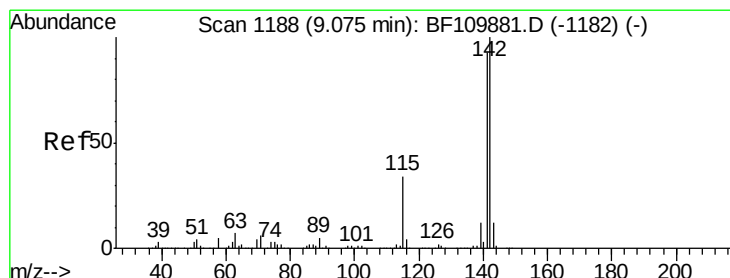
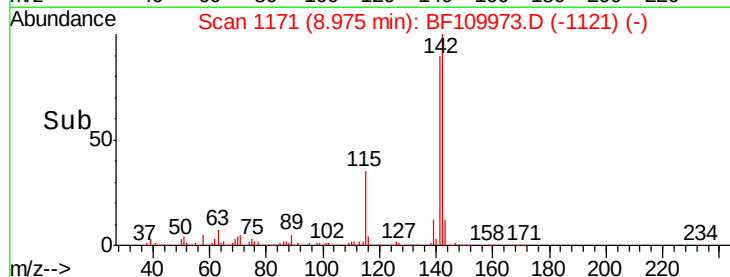
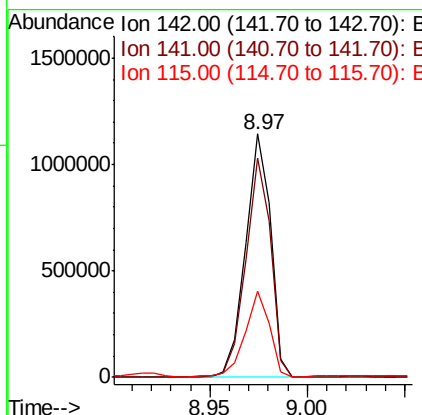
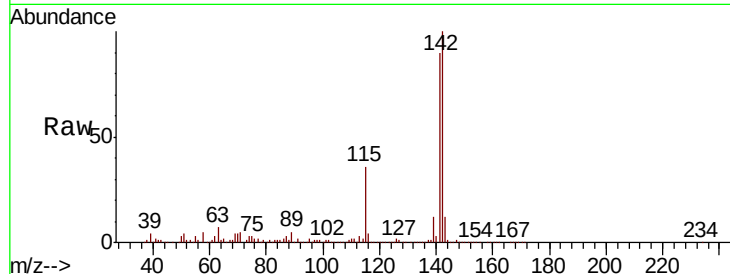
#37
2-Methylnaphthalene
Concen: 55.448 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	35.6	28.7	43.1

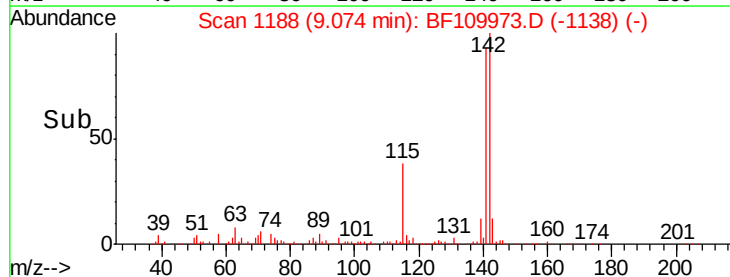
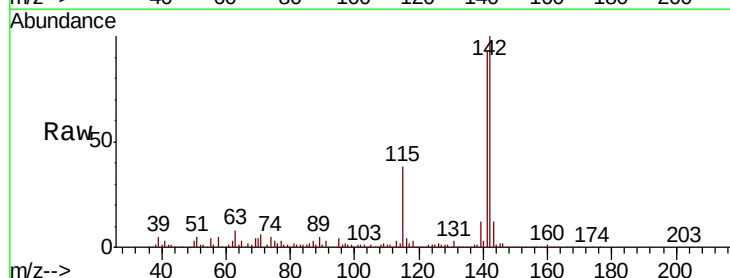
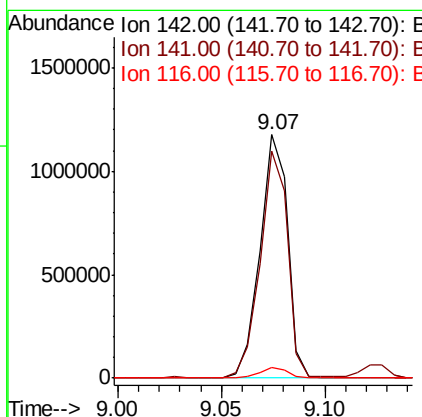
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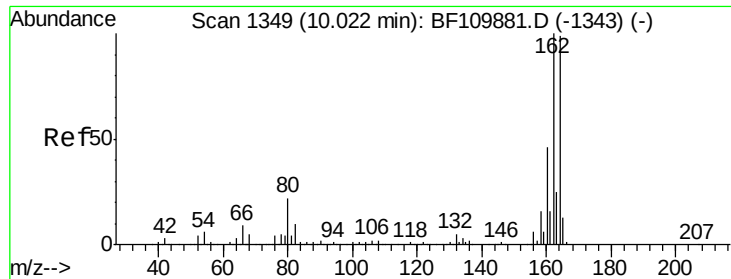
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#38
1-Methylnaphthalene
Concen: 61.287 ng m
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	4.3	2.6	4.0#





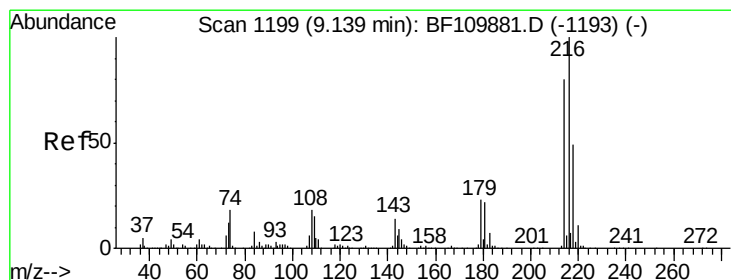
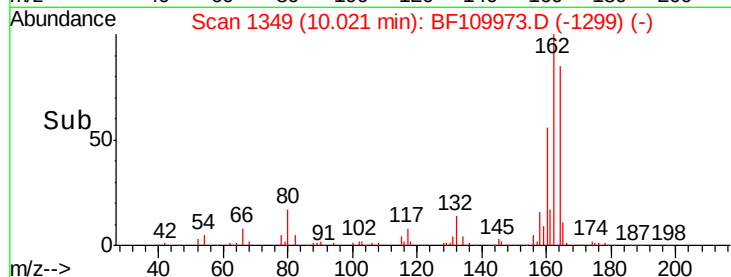
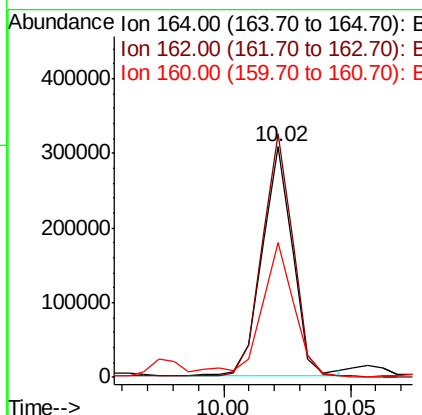
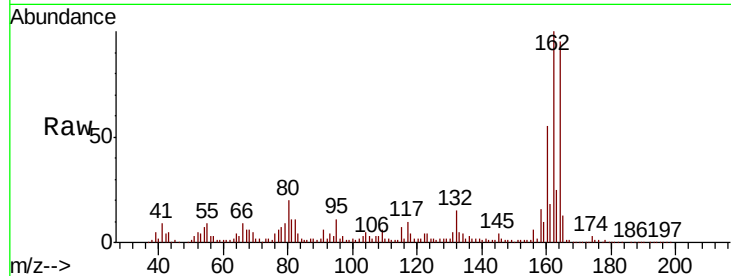
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	83.0	124.6	
160	58.2	37.0	55.6	

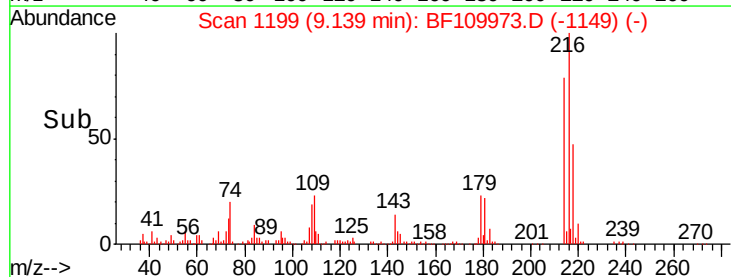
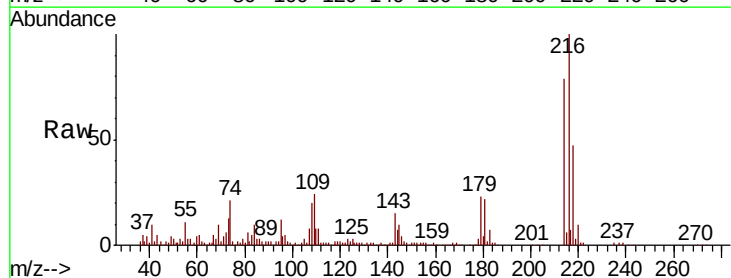
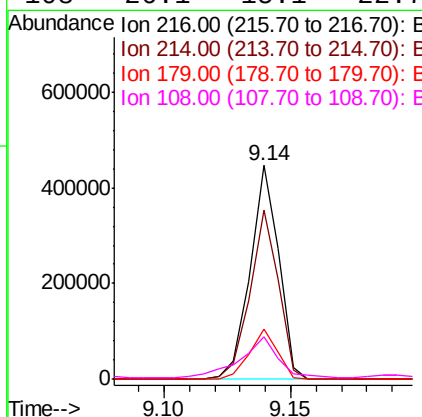
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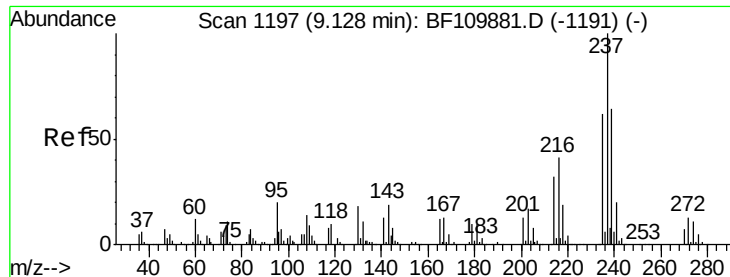
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.906 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.8	95.6	
179	22.7	16.6	25.0	
108	26.1	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 113.243 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

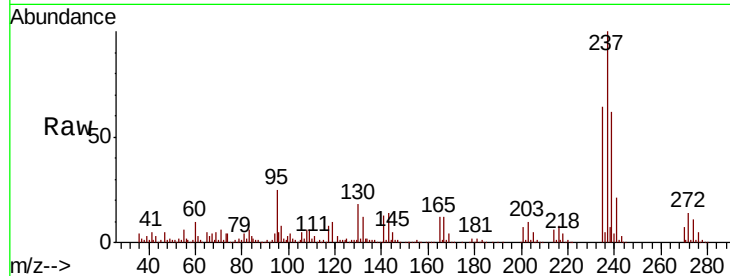
ClientSampleId :

MW-1MSD

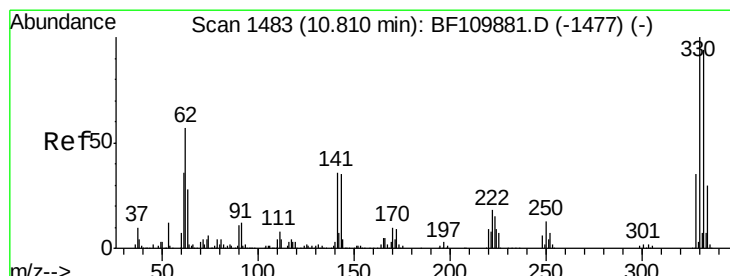
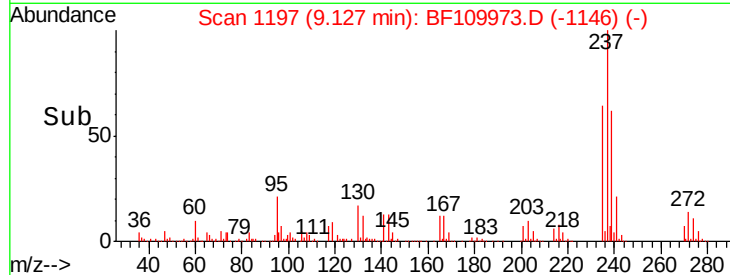
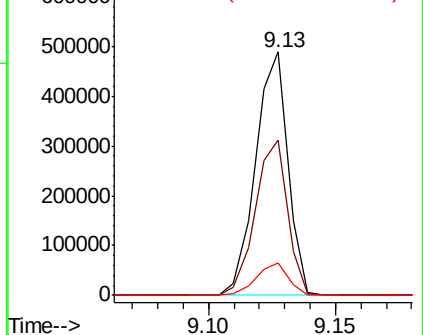
Tot Ion:	237	Resp:	436226
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.1	83.1
272	13.5	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.372 ng

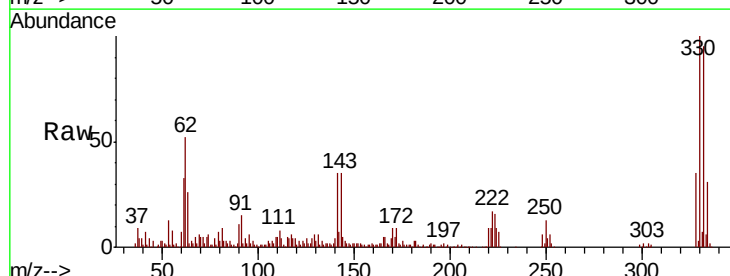
RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

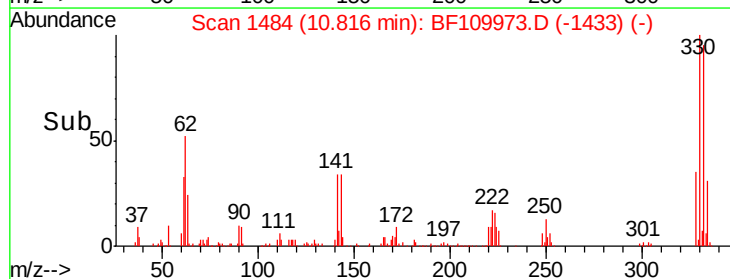
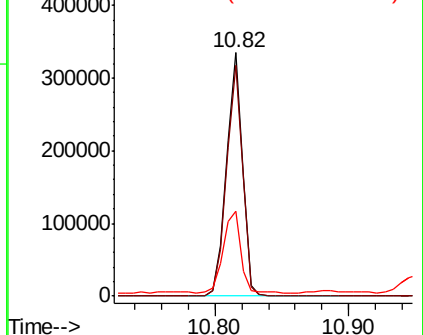
Lab File: BF109973.D

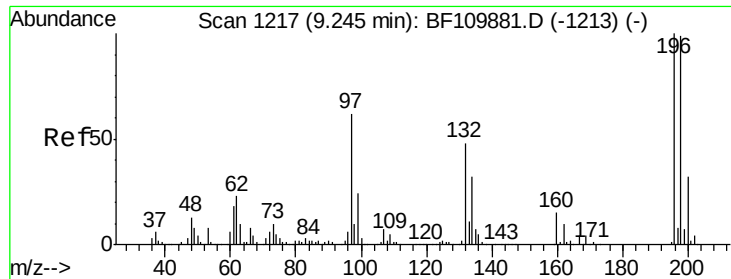
Acq: 18 Oct 2018 21:52

Tgt Ion:	330	Resp:	285740
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	36.8	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





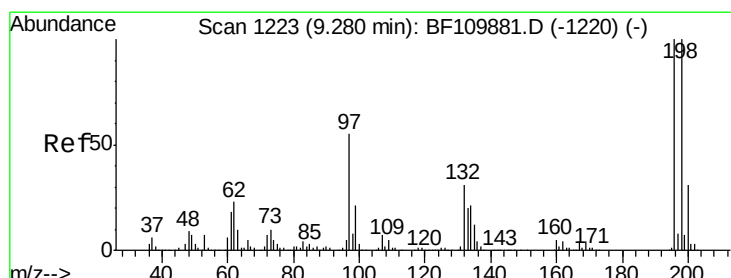
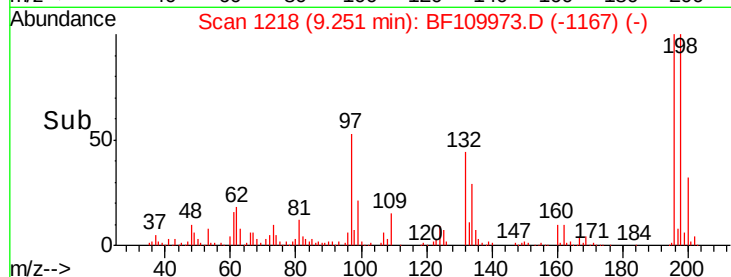
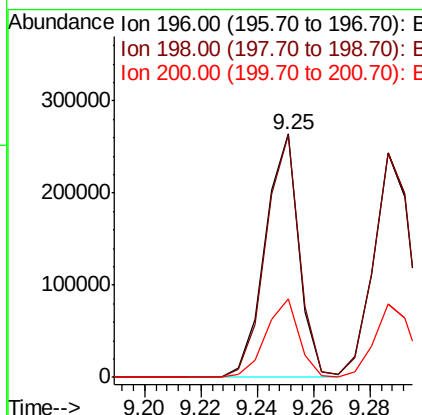
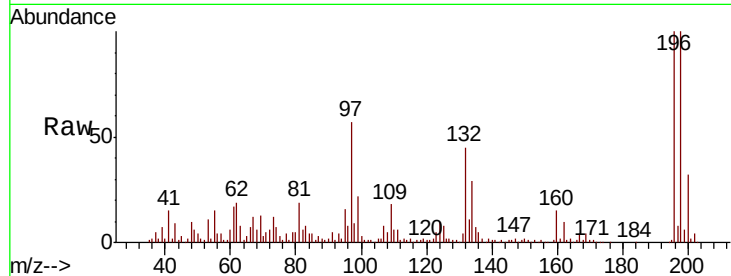
#43
 2,4,6-Trichlorophenol
 Concen: 43.996 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion:	196	Resp:	219562
Ion Ratio	Lower	Upper	
196	100		
198	99.7	76.2	114.4
200	32.1	24.4	36.6

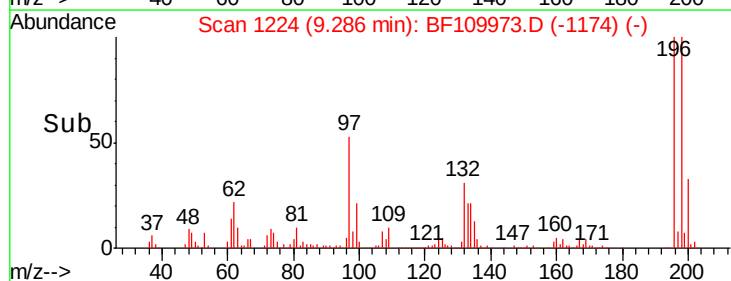
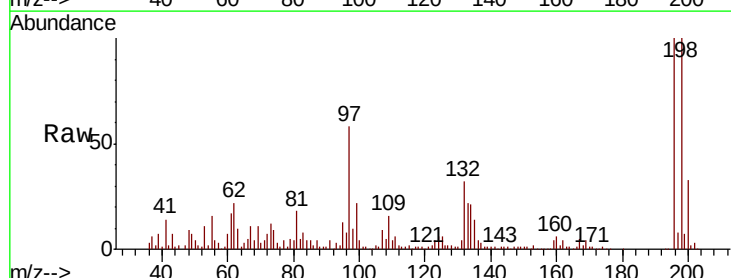
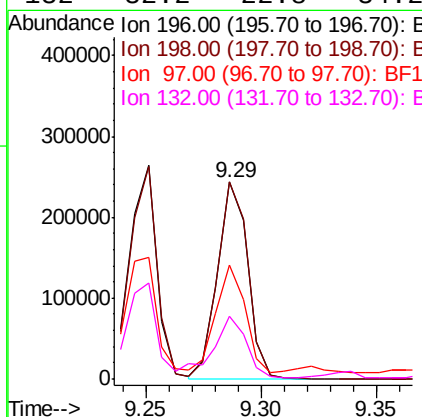
Manual Integrations
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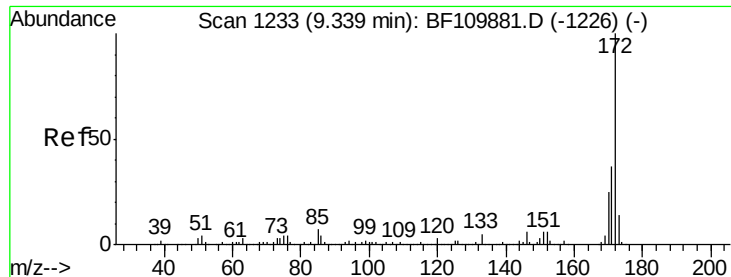
Sohil
 10/19/2018 12:15:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.726 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:	196	Resp:	221301
Ion Ratio	Lower	Upper	
196	100		
198	99.9	75.8	113.6
97	57.7	42.4	63.6
132	32.2	22.8	34.2





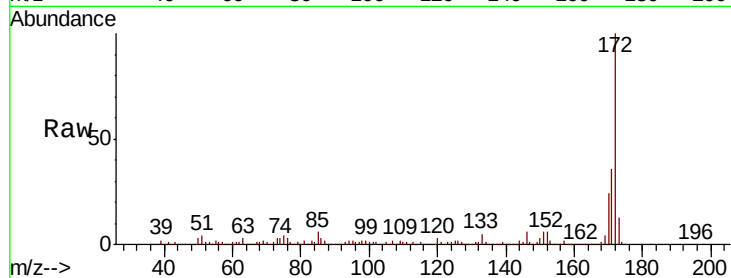
#45
2-Fluorobiphenyl
Concen: 93.402 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.7	19.7	29.5

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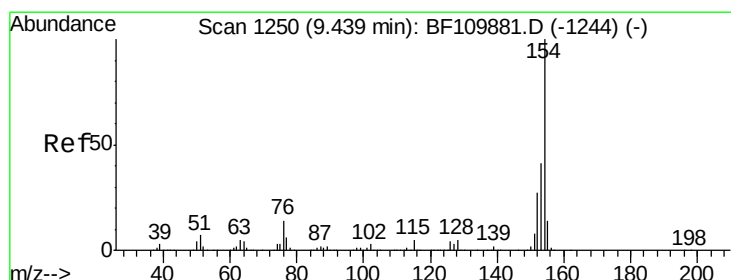
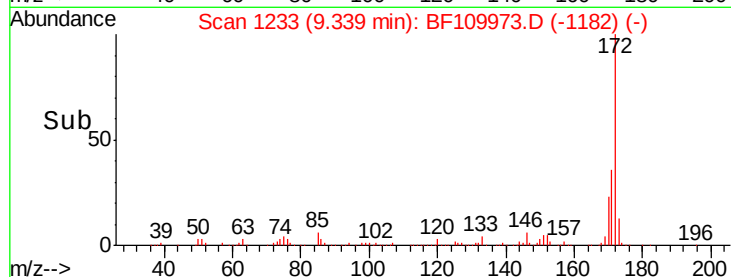
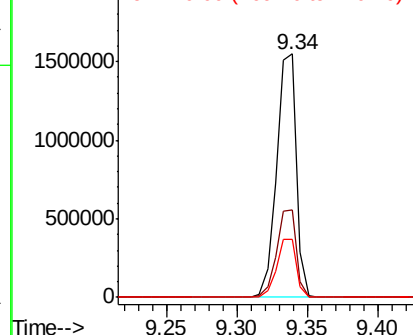


Abundance

Ion 172.00 (171.70 to 172.70): E

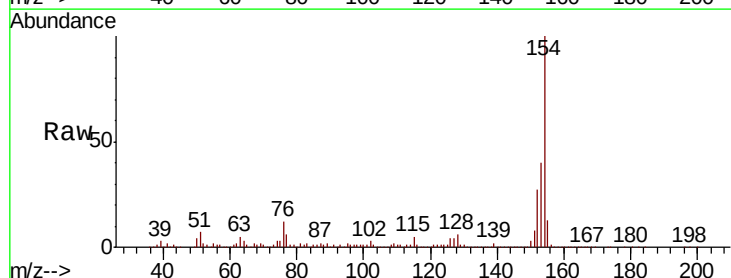
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.475 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	11.9	0.0	31.9

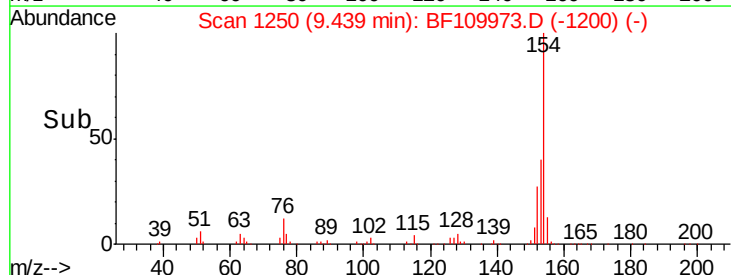
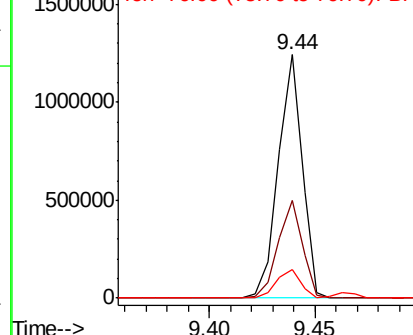


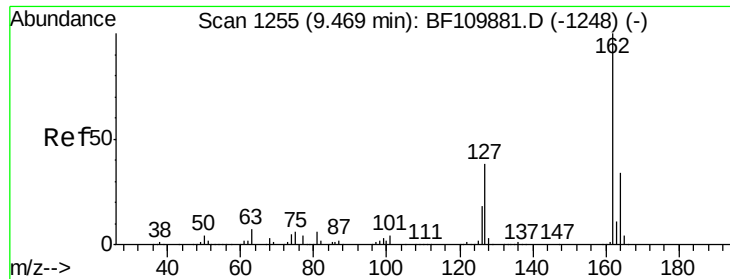
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





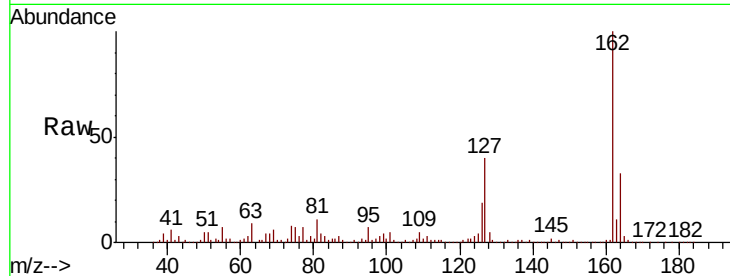
#47
2-Chloronaphthalene
Concen: 42.679 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

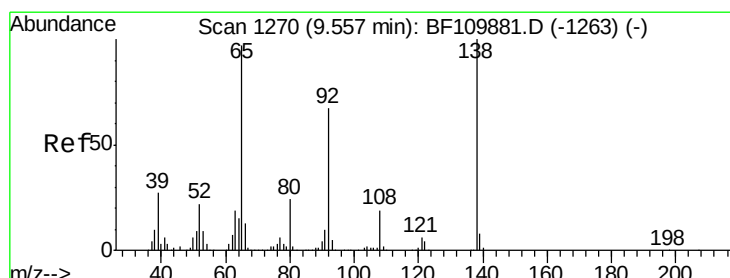
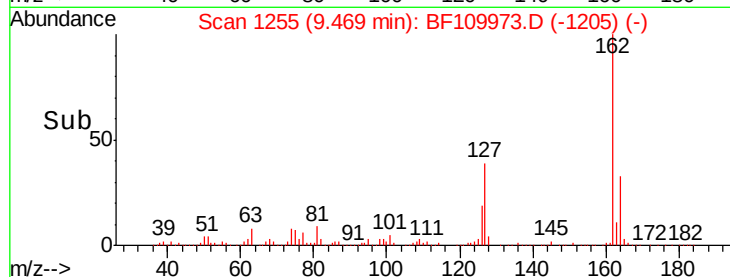
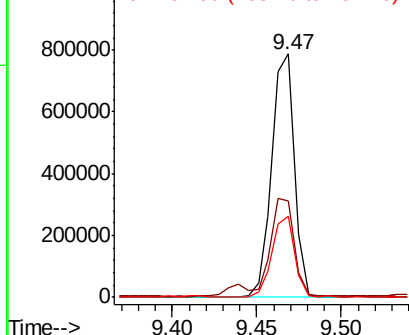
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	33.4	25.9	38.9

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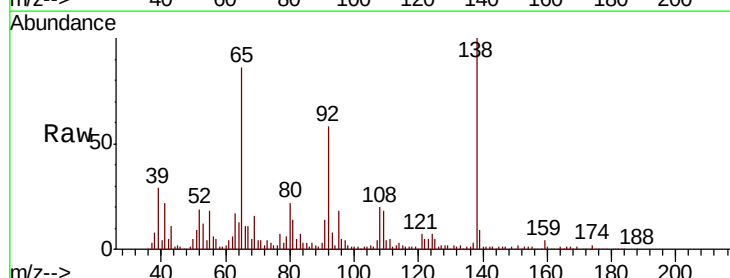


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

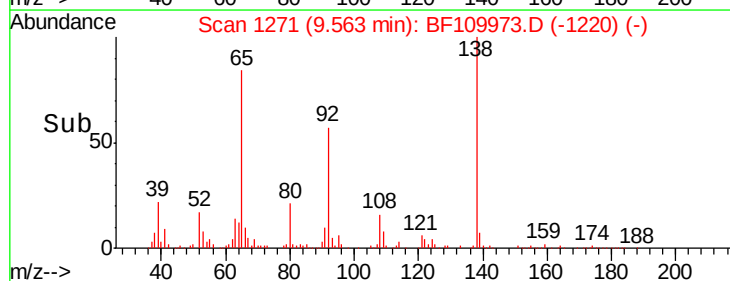
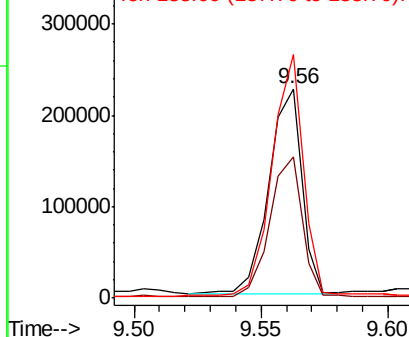


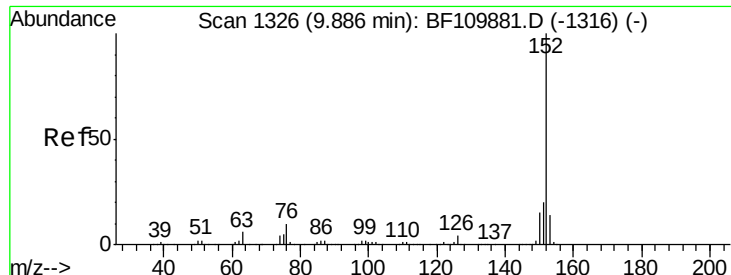
#48
2-Nitroaniline
Concen: 46.541 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	116.1	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.437 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tot Ion:152 Resp: 1097786

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

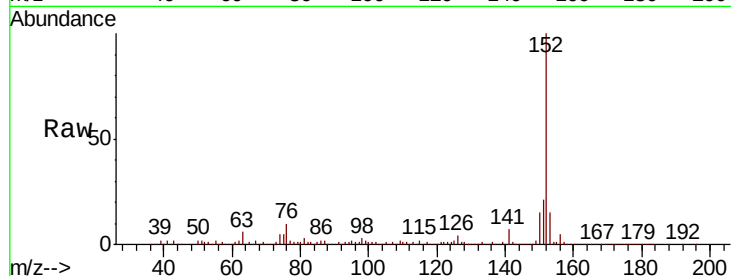
153 14.8 10.4 15.6

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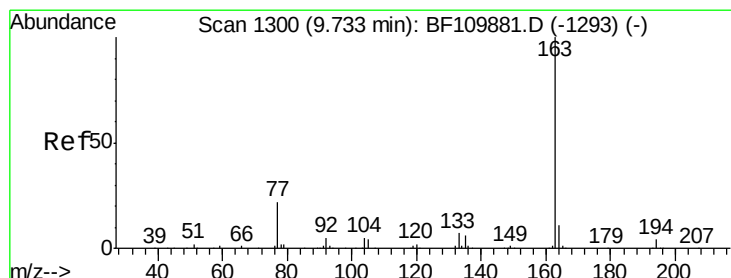
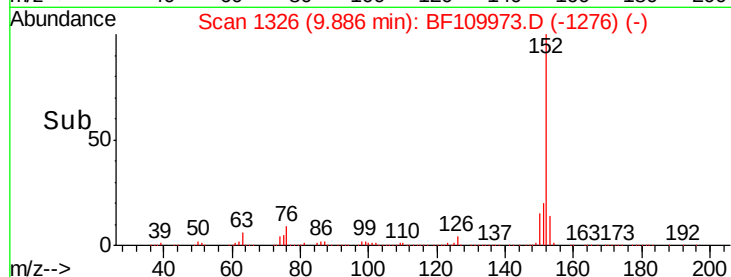
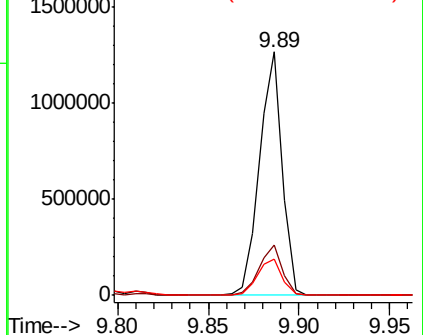
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.183 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

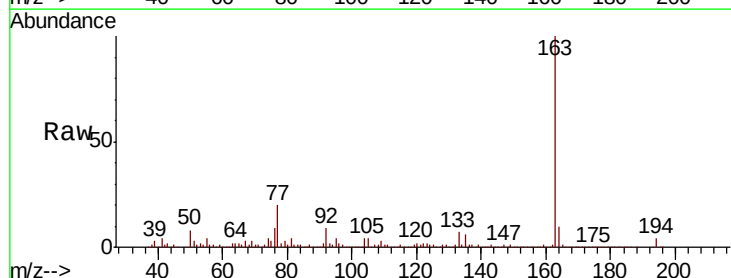
Tgt Ion:163 Resp: 792304

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

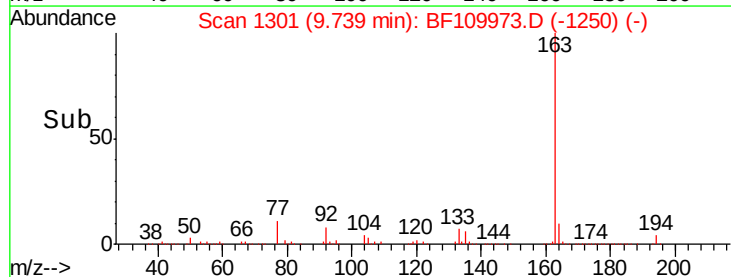
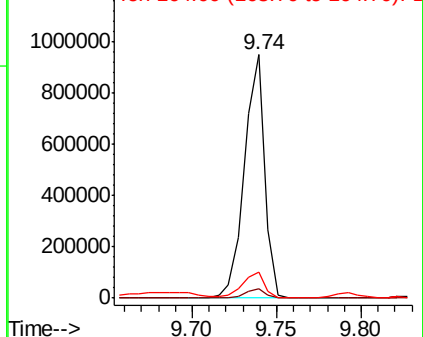
164 10.4 8.1 12.1

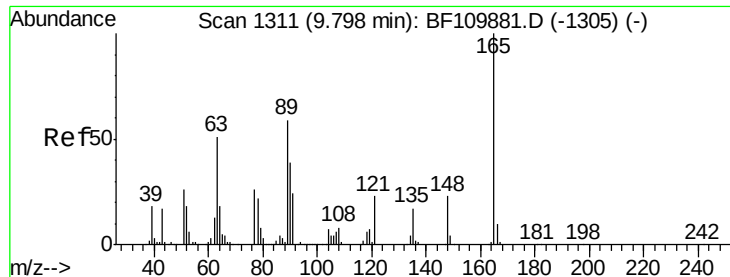


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





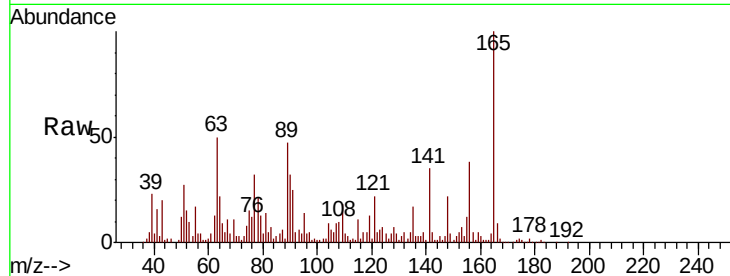
#51
 2,6-Dinitrotoluene
 Concen: 49.642 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampled :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	48.9	73.3
89	46.7	46.6	69.8

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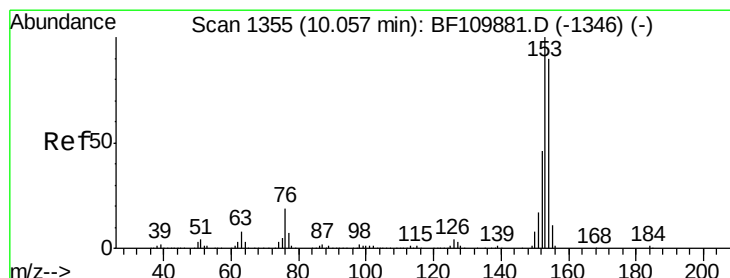
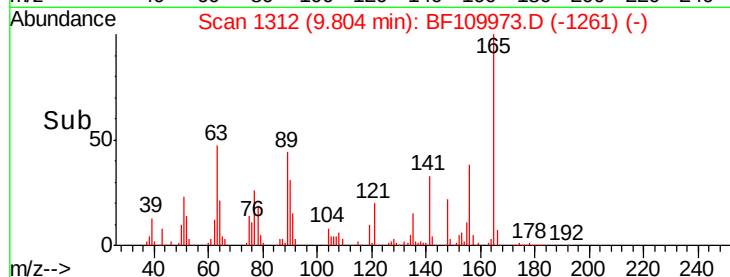
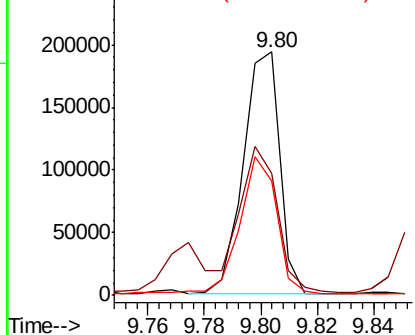


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 50.896 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

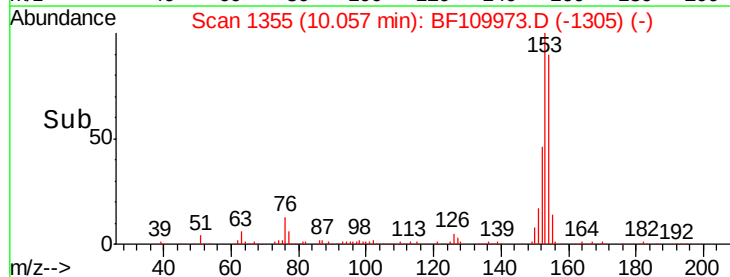
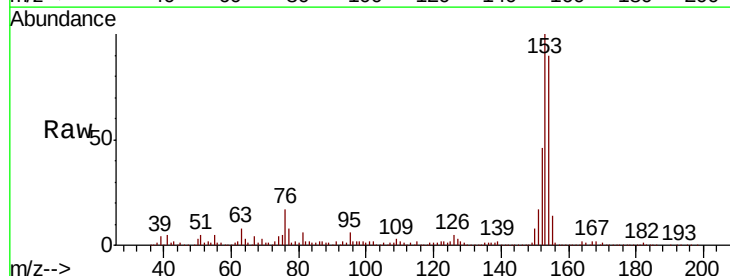
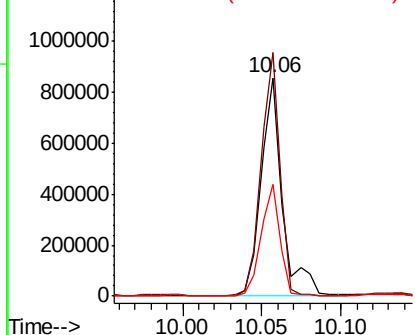
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.1	135.1
152	51.0	43.4	65.2

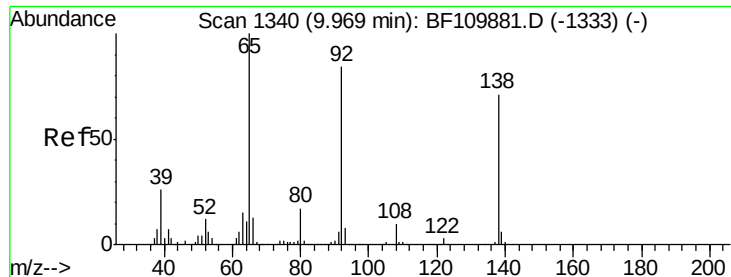
Abundance

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





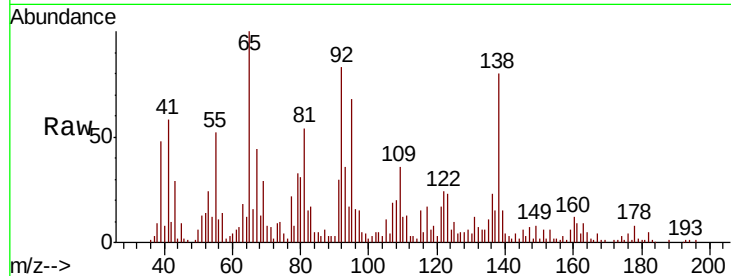
#53
3-Nitroaniline
Concen: 11.405 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	24.6	8.7	13.1#
92	104.6	97.0	145.4

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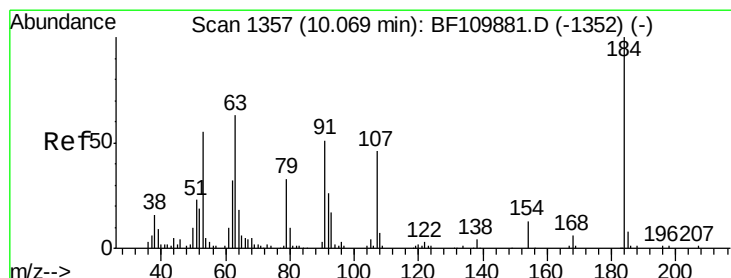
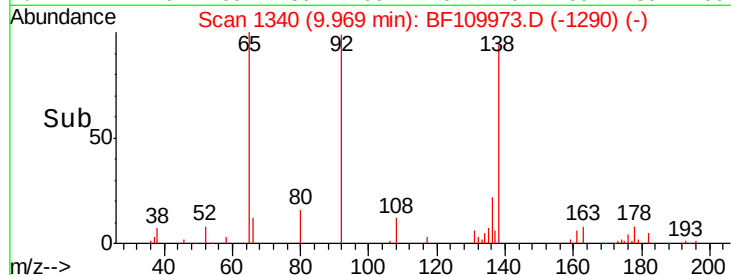
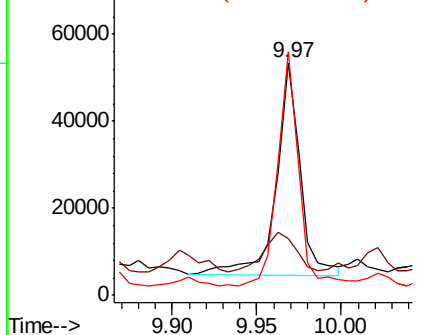


Abundance

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): BF1



#54
2,4-Dinitrophenol
Concen: 124.137 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

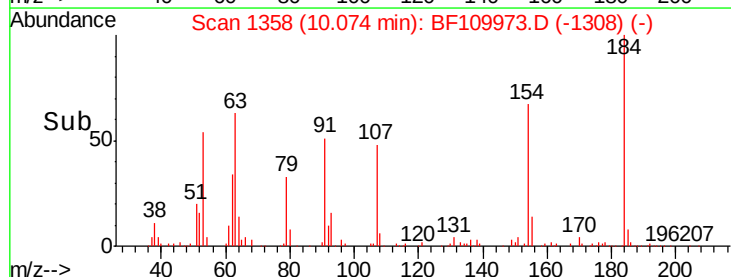
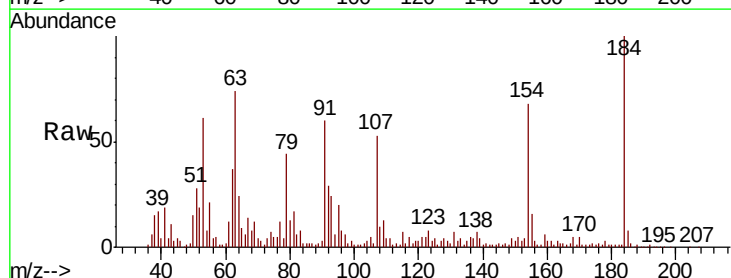
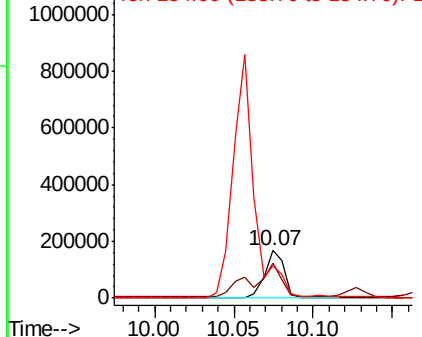
Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.5	55.8	83.6
154	68.1	63.2	94.8

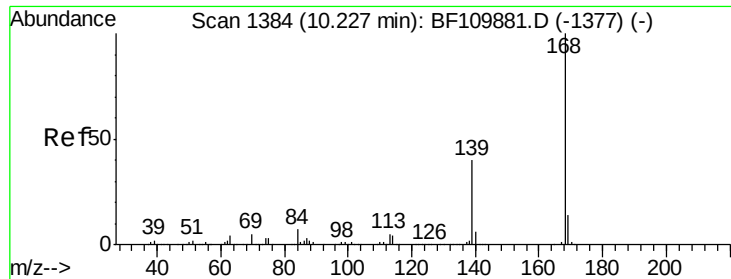
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





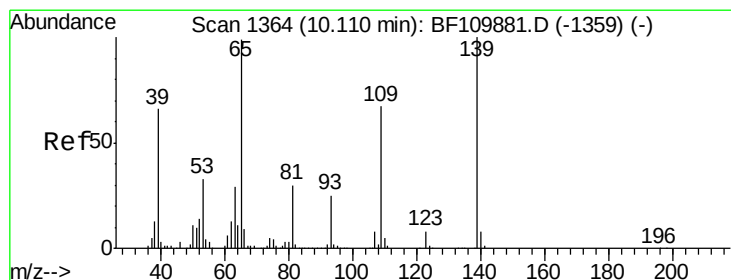
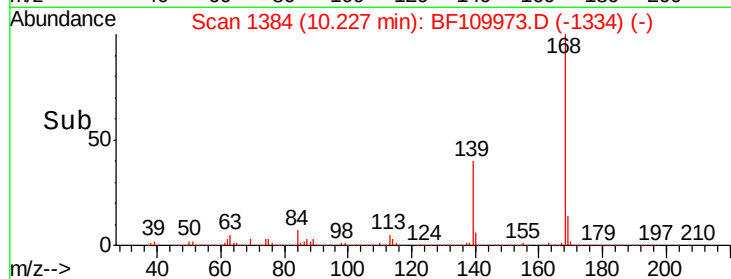
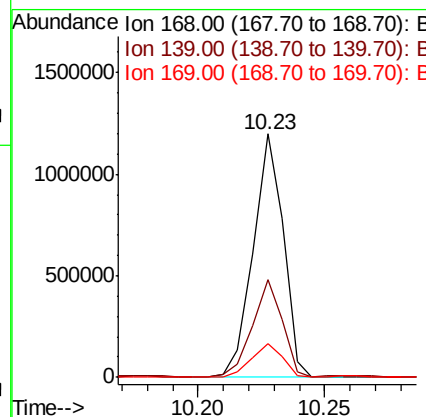
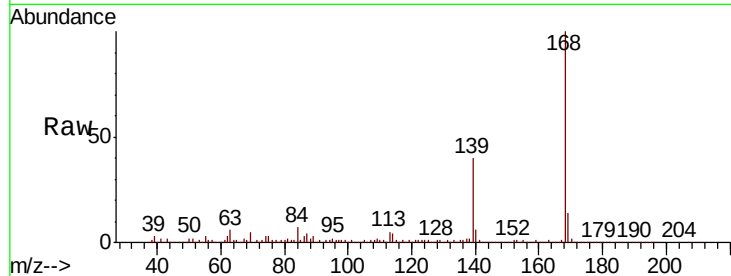
#55
Dibenzenofuran
Concen: 44.096 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	33.0	49.6
169	14.0	11.3	16.9

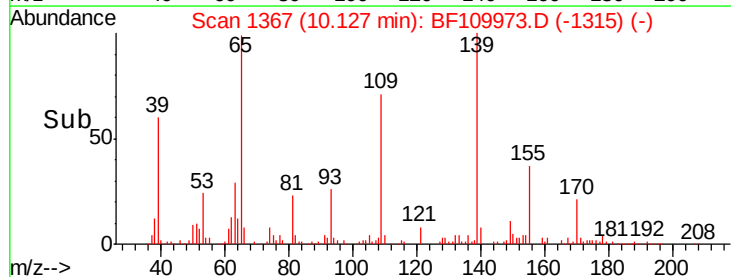
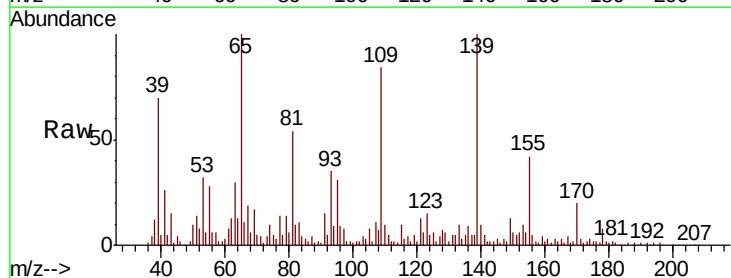
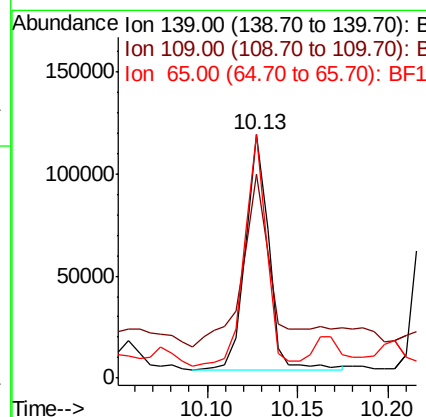
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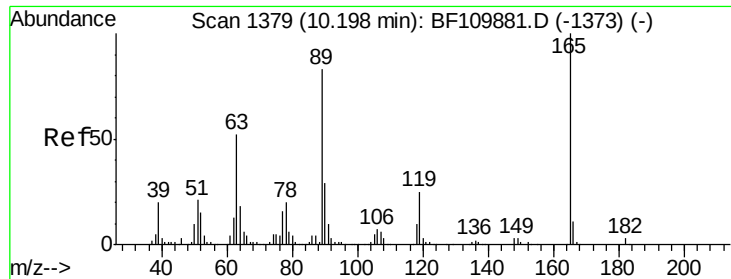
Sohil
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#56
4-Nitrophenol
Concen: 31.562 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.0	55.8	95.8
65	100.0	77.9	117.9





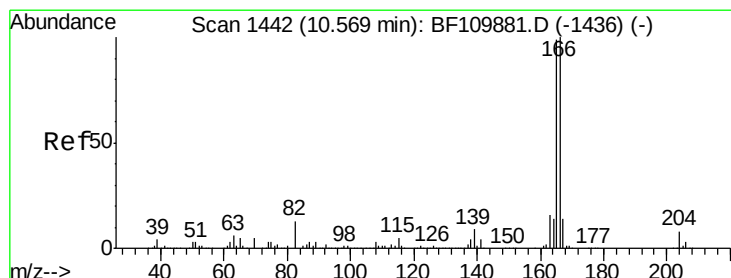
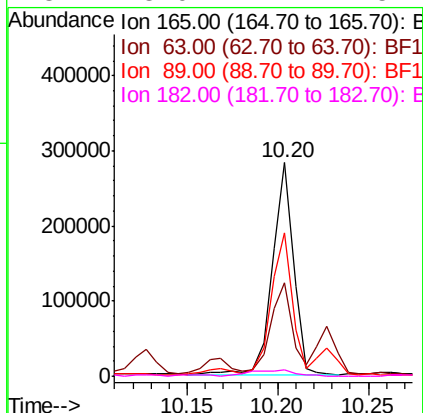
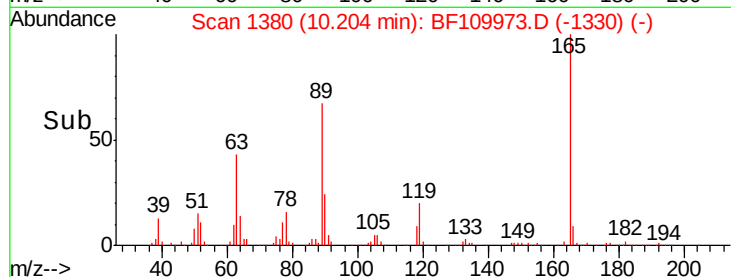
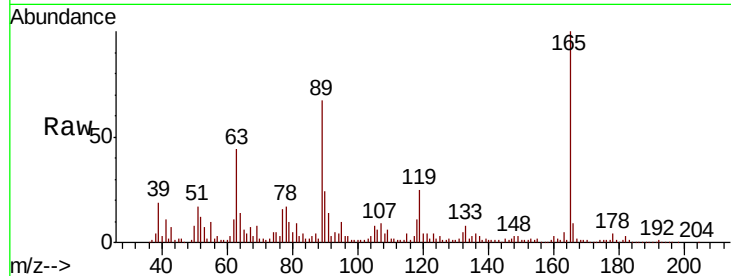
#57
2,4-Dinitrotoluene
Concen: 51.048 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	226134		
63	44.0		44.8	67.2#
89	67.4		62.2	93.4
182	3.0		2.1	3.1

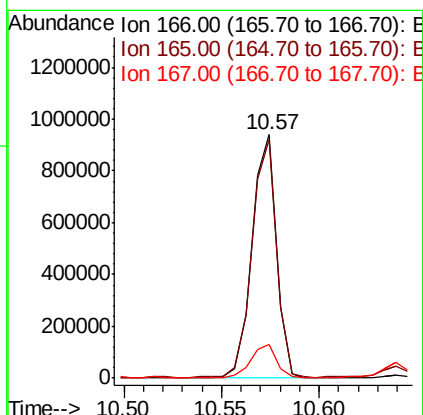
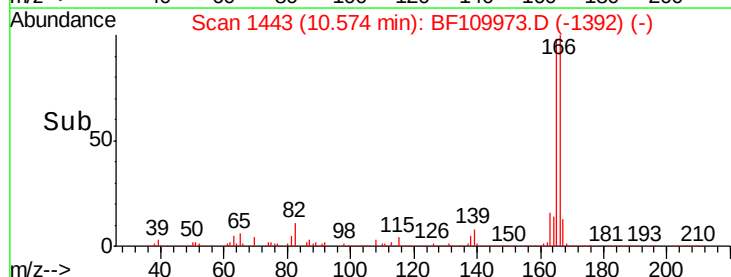
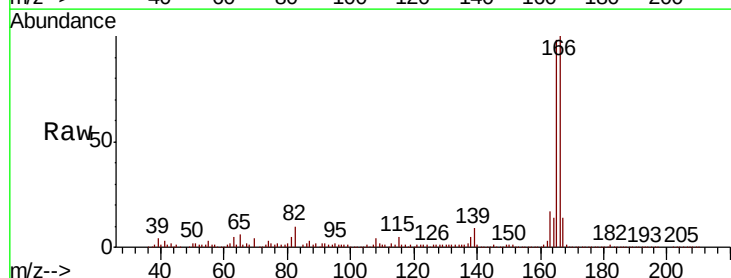
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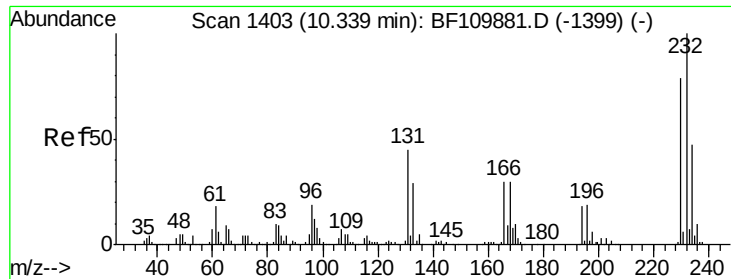
Sohil
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#58
Fluorene
Concen: 49.507 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	808358		
165	97.8		78.6	117.8
167	13.6		10.8	16.2





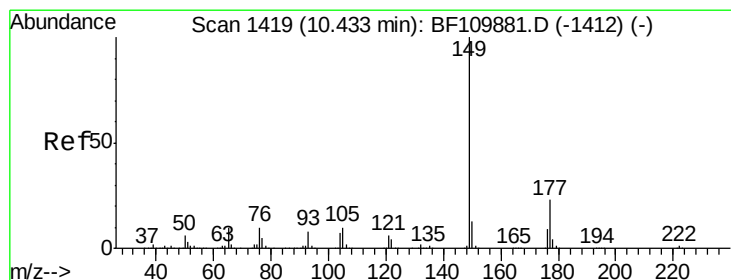
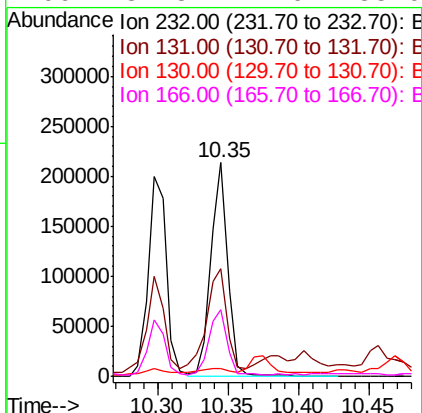
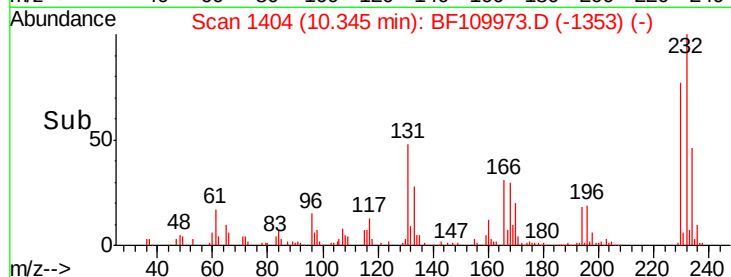
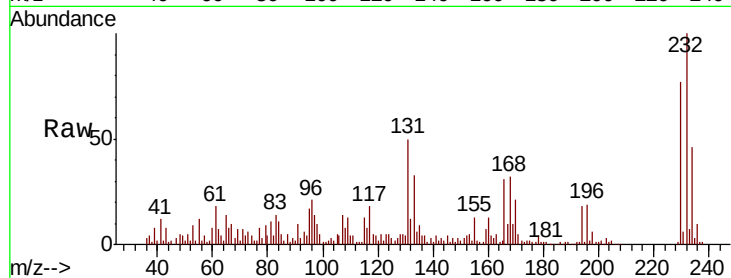
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.511 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.0	37.0	55.4
130	3.1	1.8	2.6
166	31.8	22.0	33.0

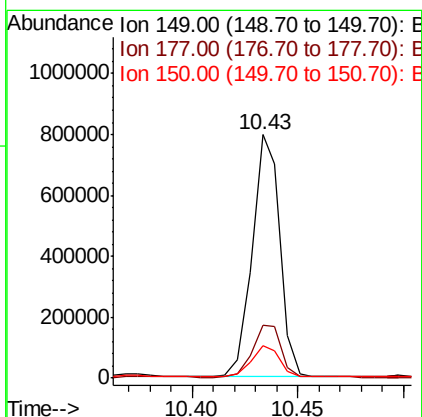
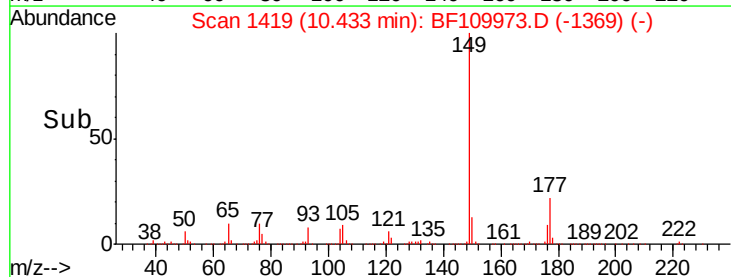
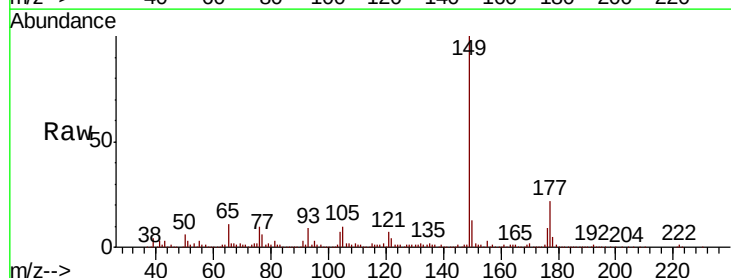
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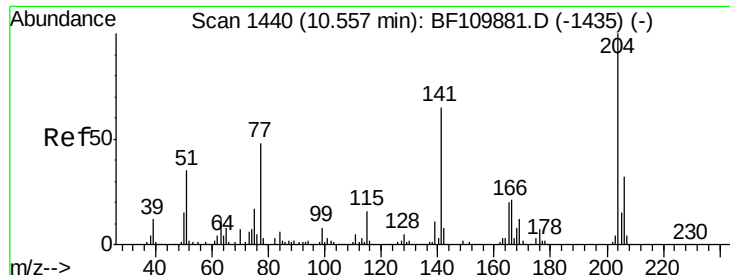
Sohil
10/19/2018 12:15:01 PM



#60
Diethylphthalate
Concen: 39.946 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	13.1	9.8	14.8





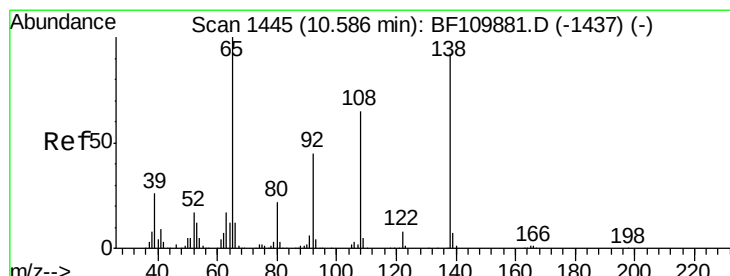
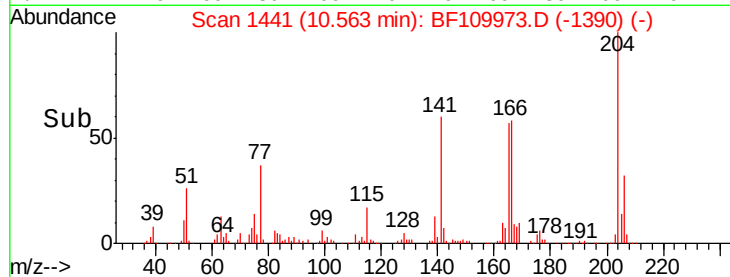
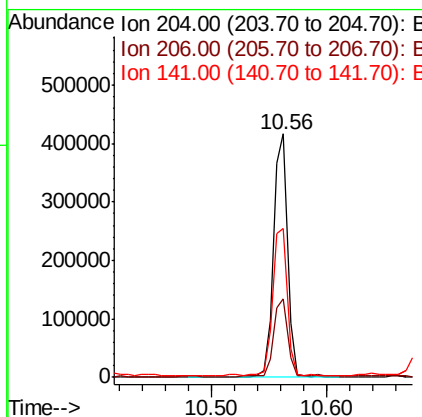
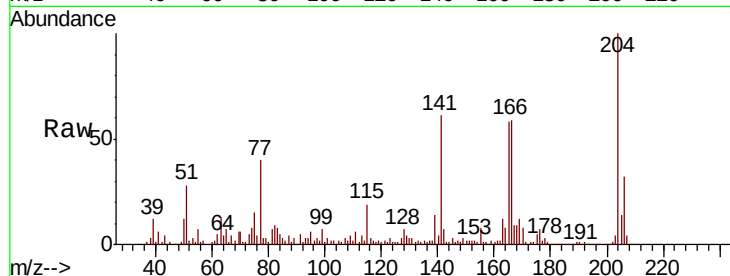
#61
 4-Chlorophenyl-phenylether
 Concen: 41.578 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampled :
 MW-1MSD

Tot Ion:	204	Resp:	353638
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	61.2	51.8	77.8

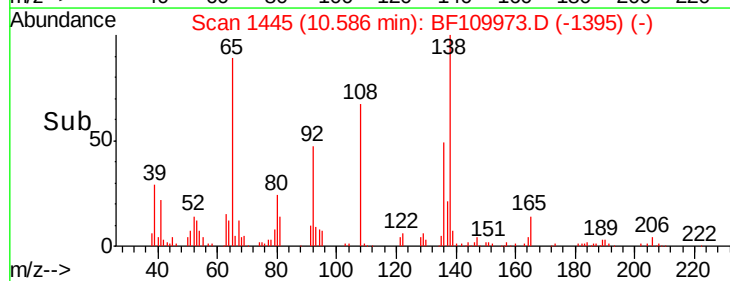
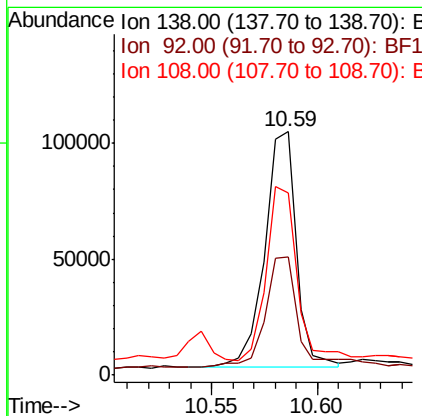
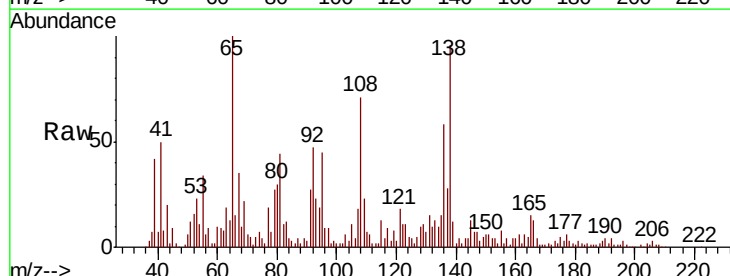
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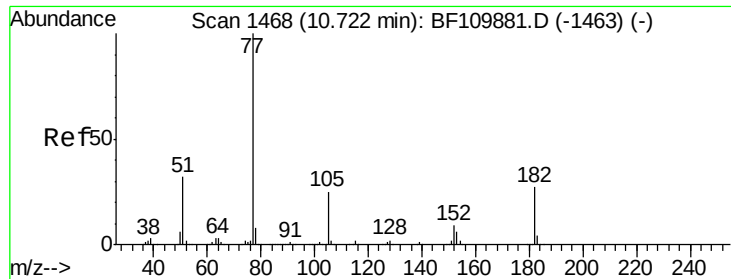
Sohil
 10/19/2018 12:15:01 PM



#62
 4-Nitroaniline
 Concen: 26.645 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion:	138	Resp:	106921
Ion Ratio	Lower	Upper	
138	100		
92	48.7	31.7	71.7
108	74.8	59.3	99.3





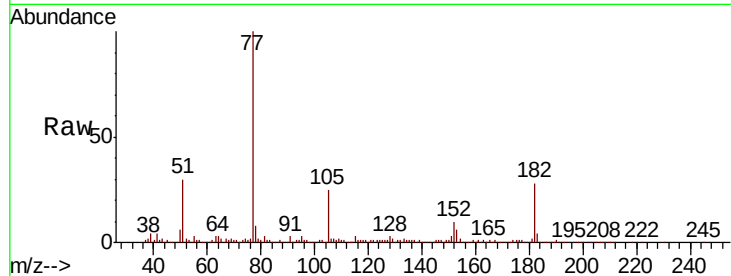
#63
Azobenzene
Concen: 37.609 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

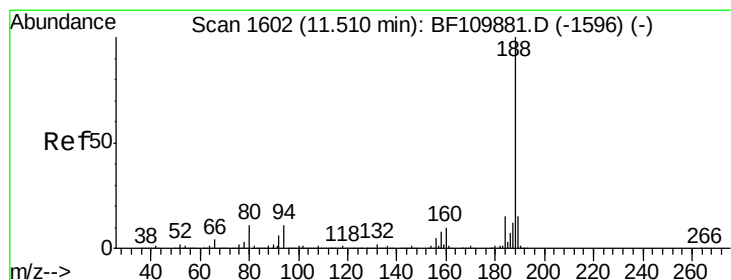
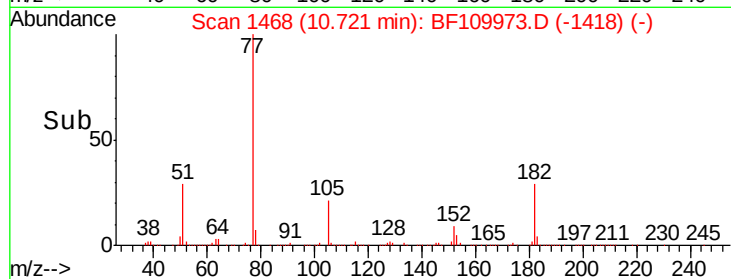
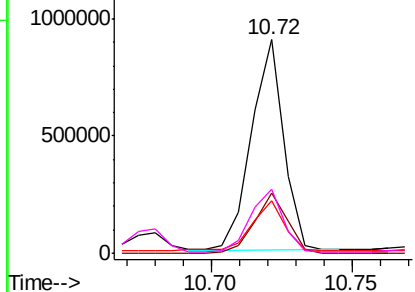
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.3	44.3
105	24.6	1.3	41.3
51	30.2	9.0	49.0

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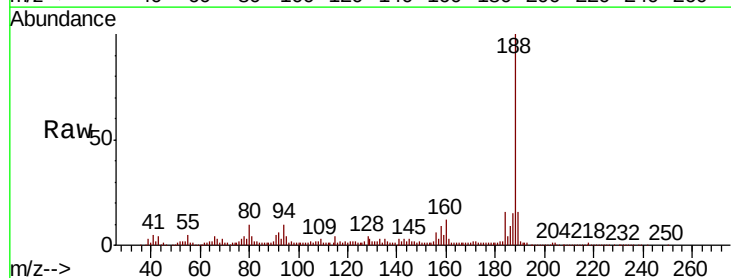


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

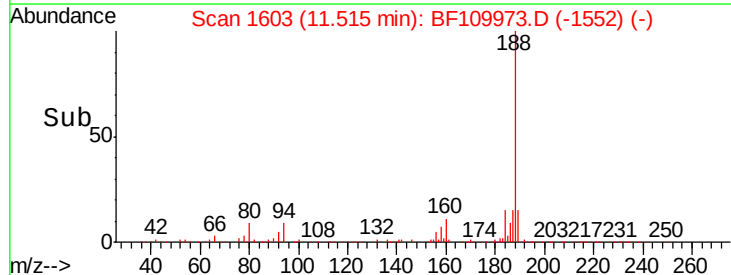
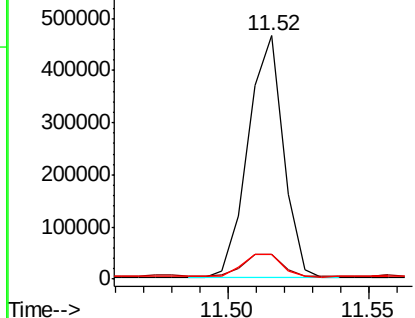


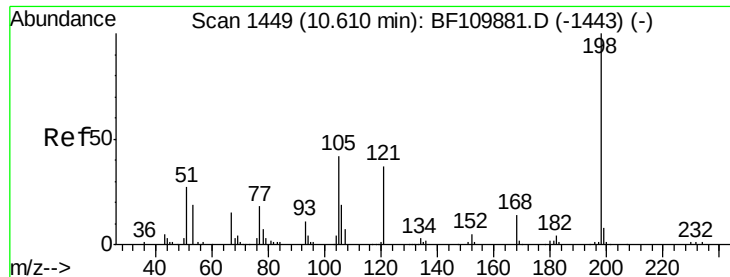
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.2	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





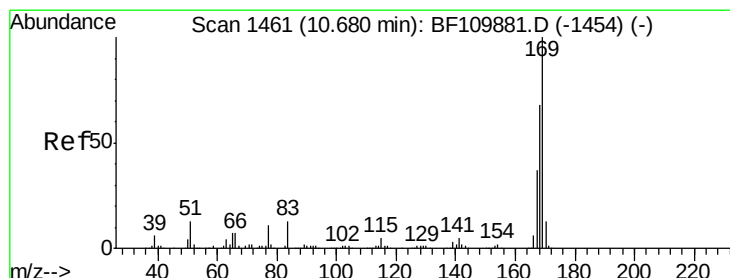
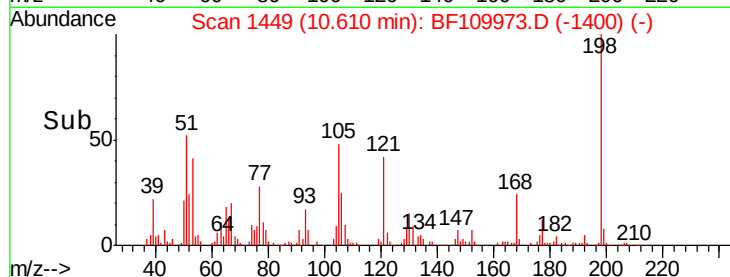
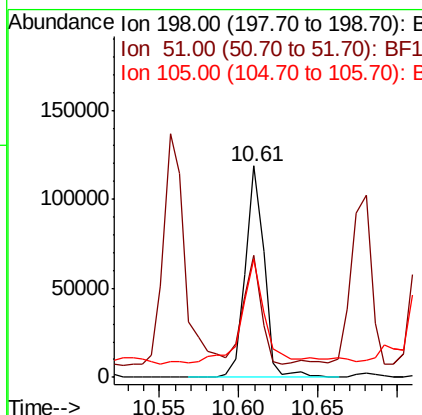
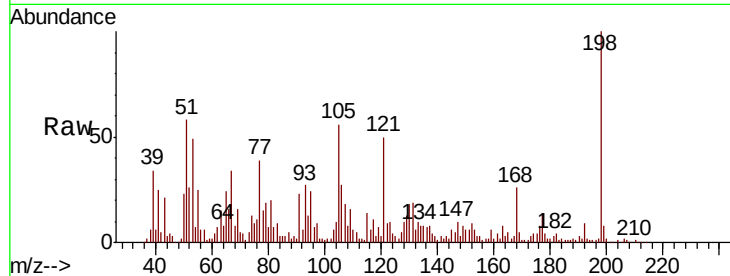
#65
4,6-Dinitro-2-methylphenol
Concen: 63.563 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	97565		
51	57.6		22.8	62.8
105	56.0		23.6	63.6

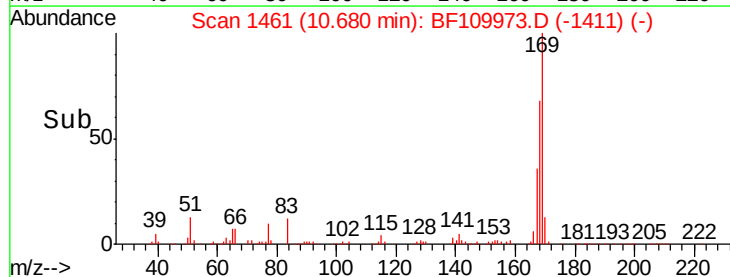
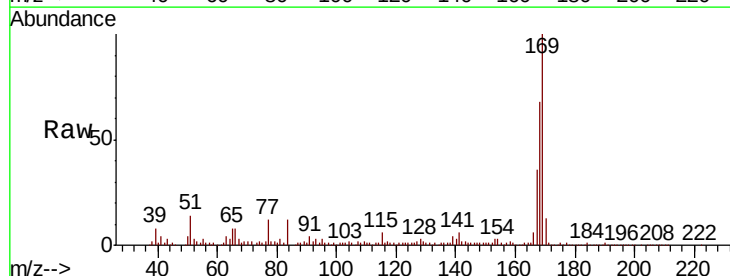
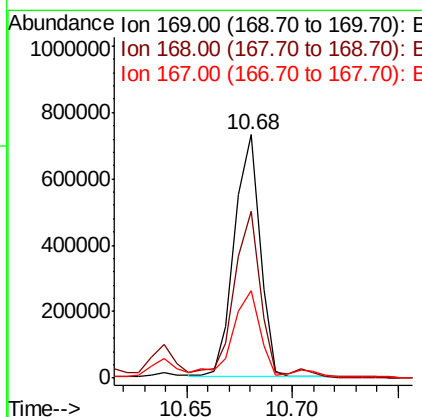
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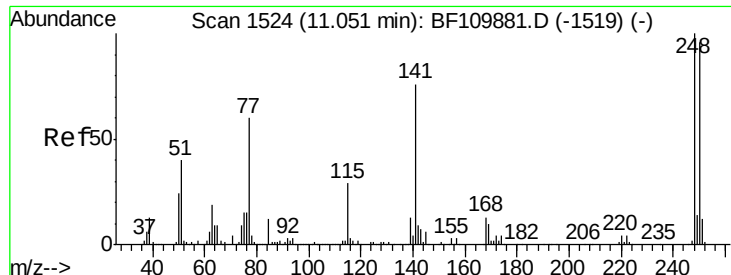
Sohil
10/19/2018 12:15:01 PM



#66
n-Nitrosodiphenylamine
Concen: 45.655 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	614583		
168	68.3		51.2	76.8
167	35.9		27.8	41.6





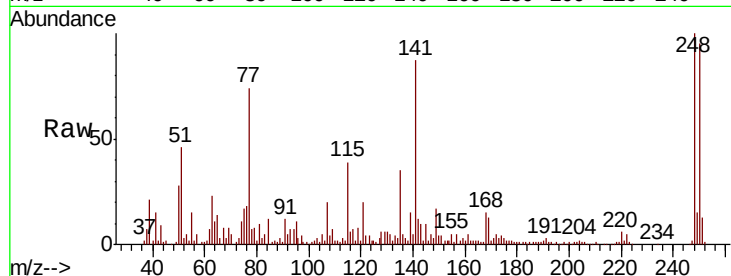
#67
 4-Bromophenyl-phenylether
 Concen: 45.595 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

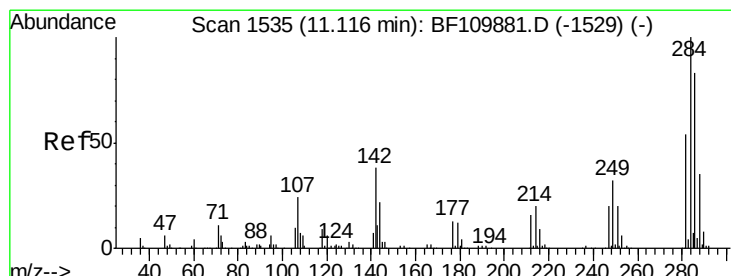
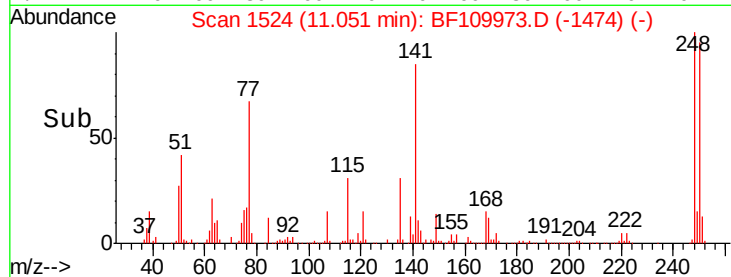
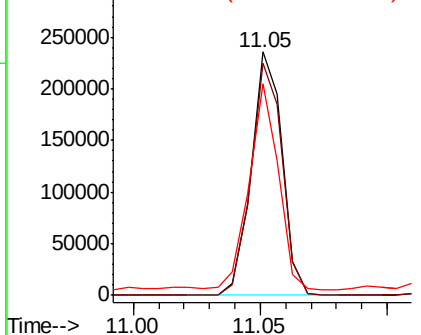
Tot Ion	Ratio	Resp	Lower	Upper
248	100	199715		
250	95.4	79.4	119.2	
141	86.9	55.9	83.9#	

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 10/19/2018 12:15:01 PM

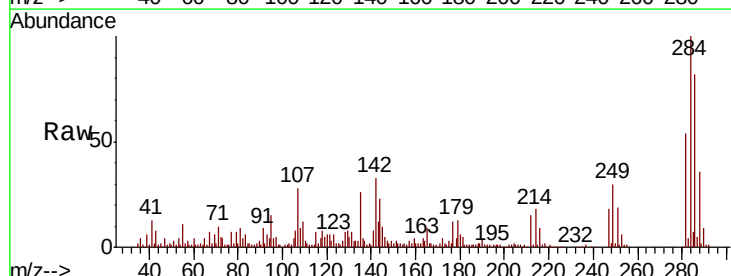


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

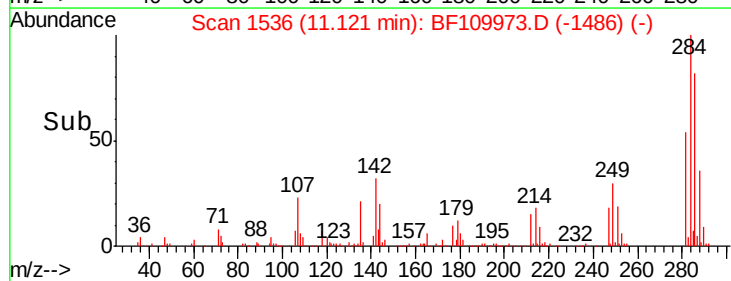
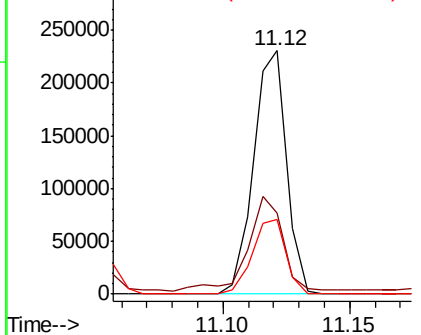


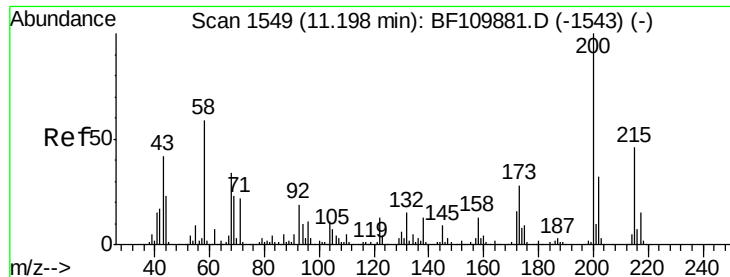
#68
 Hexachlorobenzene
 Concen: 44.635 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	208490		
142	33.0	23.9	35.9	
249	30.5	24.2	36.2	



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





#69

Atrazine

Concen: 27.960 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.03 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

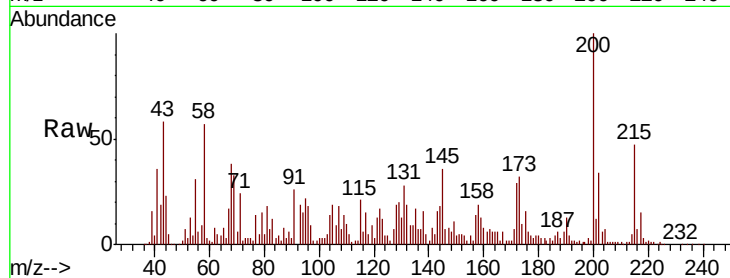
ClientSampleId :

MW-1MSD

Tot Ion:	200	Resp:	117571
Ion Ratio	Lower	Upper	
200	100		
173	32.4	6.6	46.6
215	47.4	26.3	66.3

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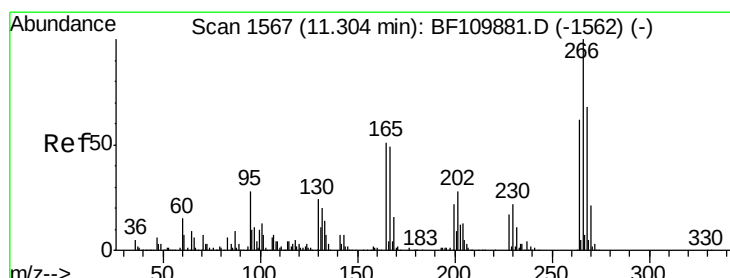
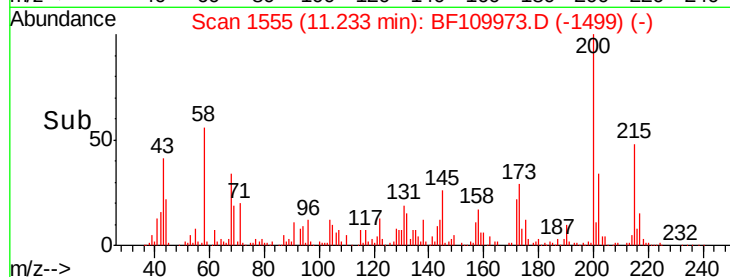
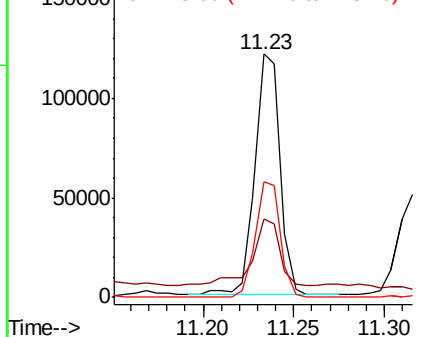


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.431 ng

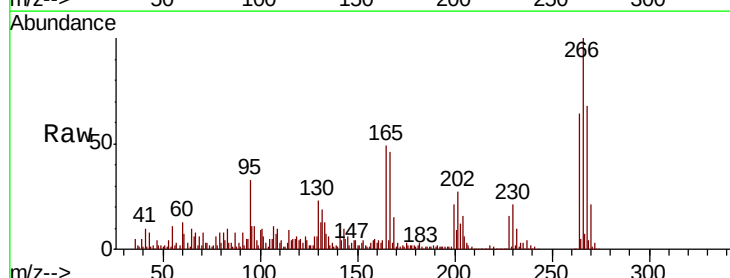
RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion:	266	Resp:	216464
Ion Ratio	Lower	Upper	
266	100		
268	68.1	50.6	75.8
264	63.7	50.6	75.8

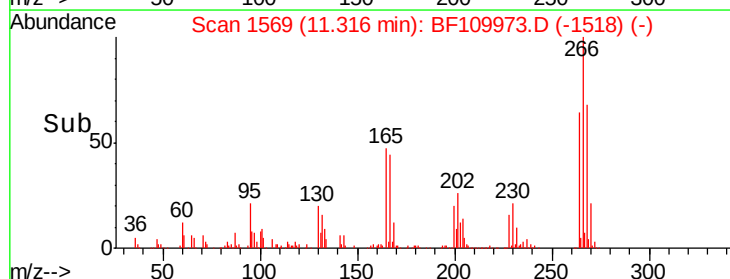
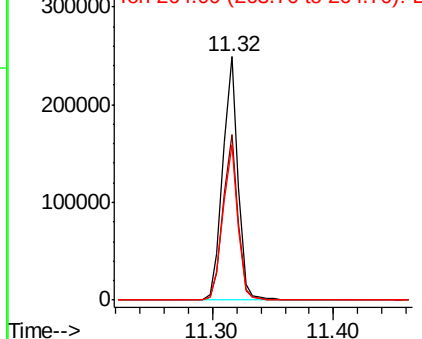


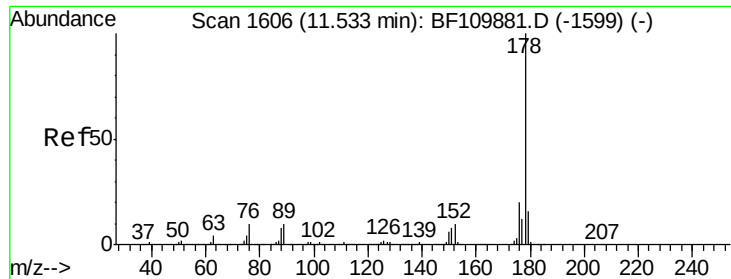
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





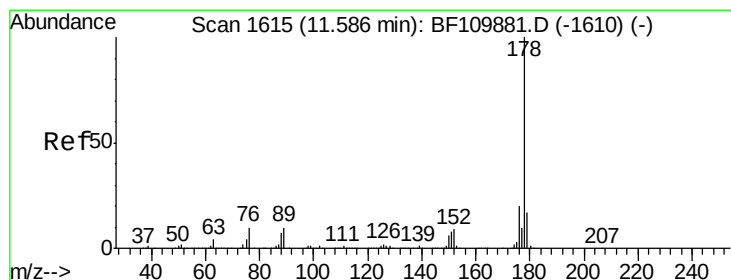
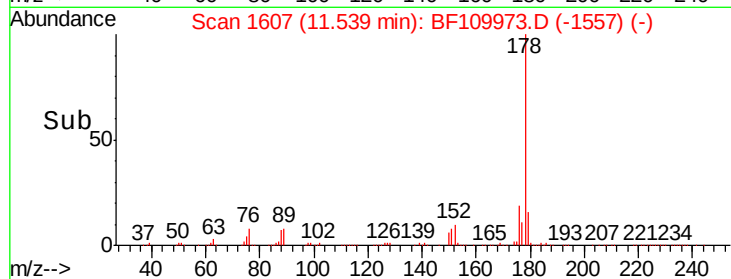
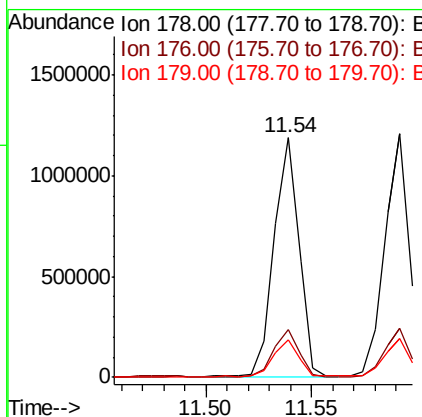
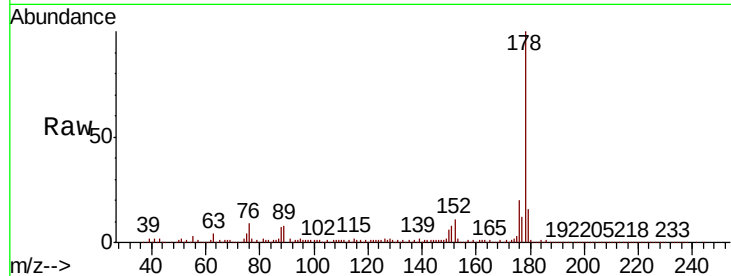
#71
 Phenanthrene
 Concen: 46.393 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.9	12.5	18.7

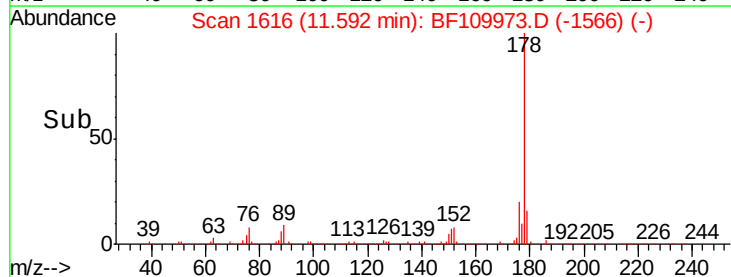
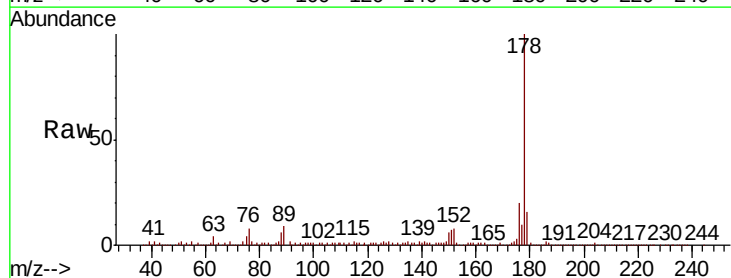
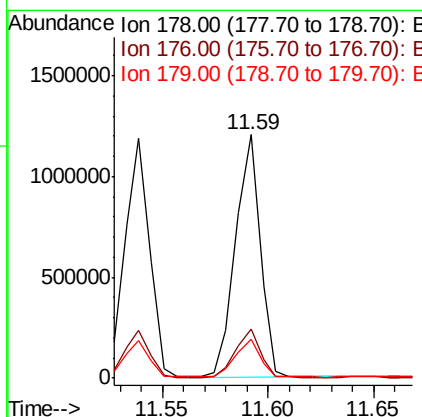
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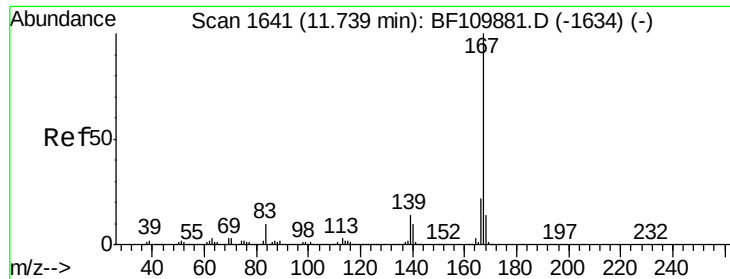
Sohil
 10/19/2018 12:15:01 PM



#72
 Anthracene
 Concen: 46.288 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.8	12.6	18.8





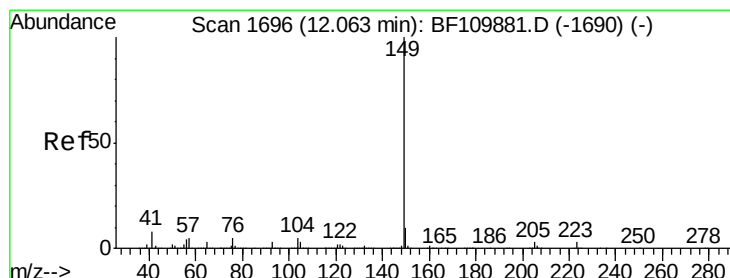
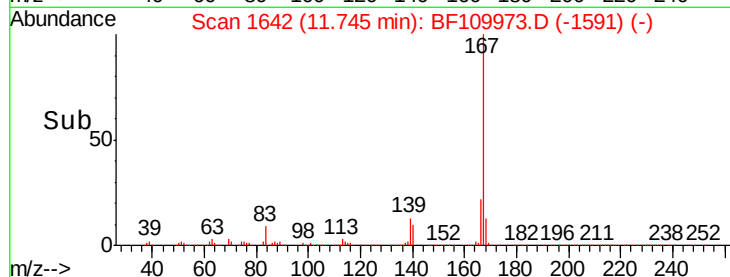
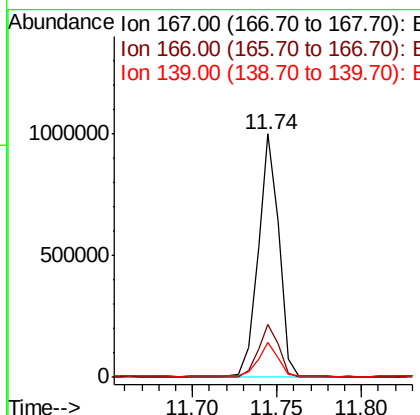
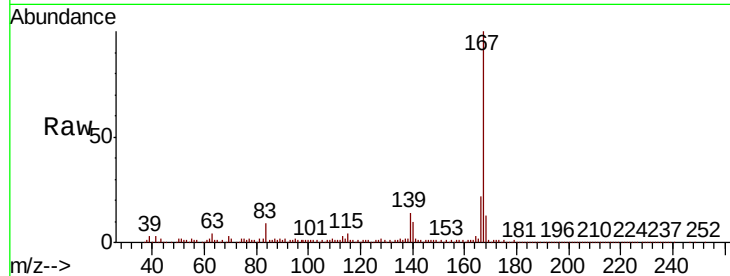
#73
 Carbazole
 Concen: 40.747 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	14.1	10.9	16.3

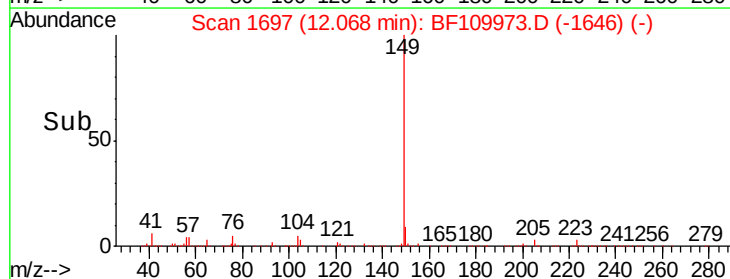
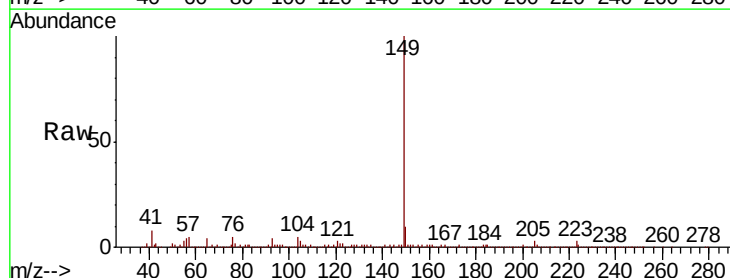
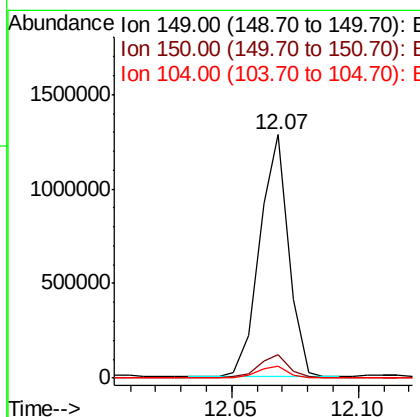
Manual Integrations
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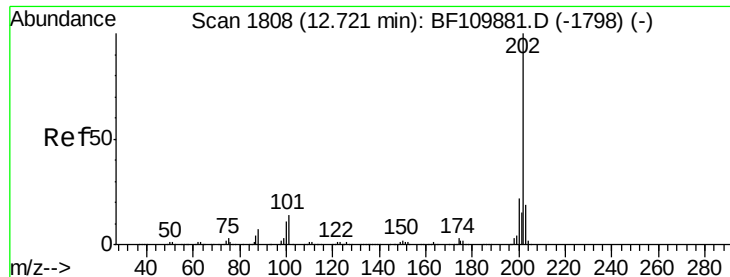
Sohil
 10/19/2018 12:15:01 PM



#74
 Di-n-butylphthalate
 Concen: 43.720 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BF109973.D
 Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 43.379 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

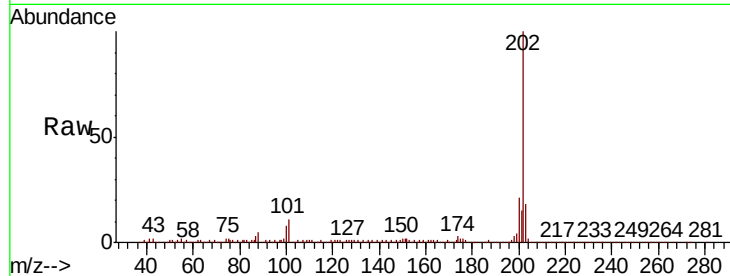
ClientSampled :

MW-1MSD

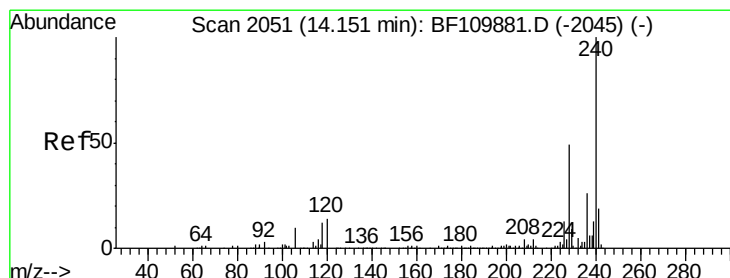
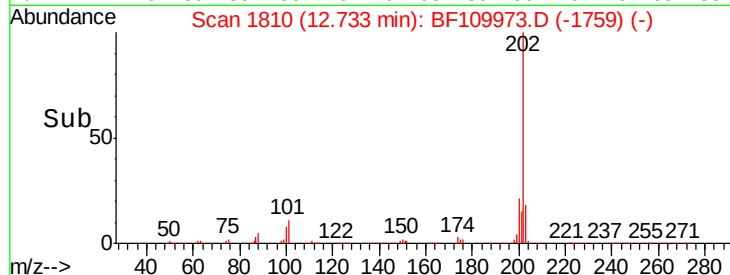
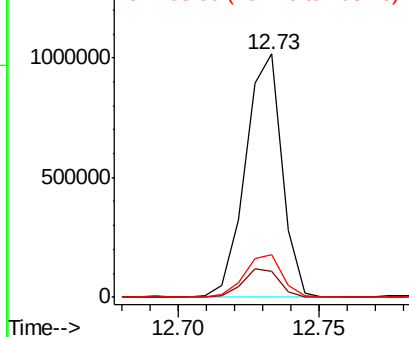
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.8	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

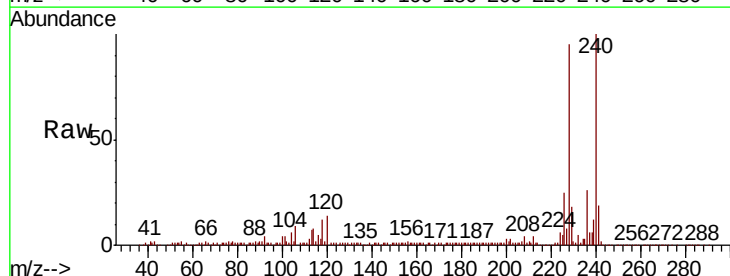
RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

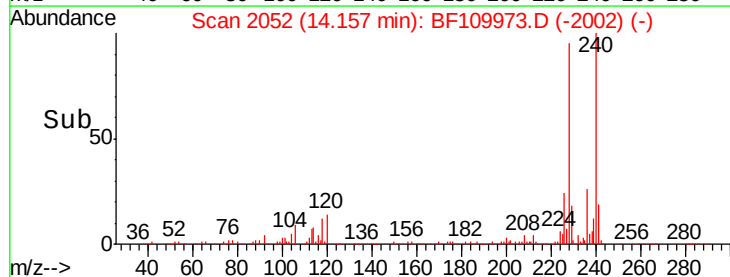
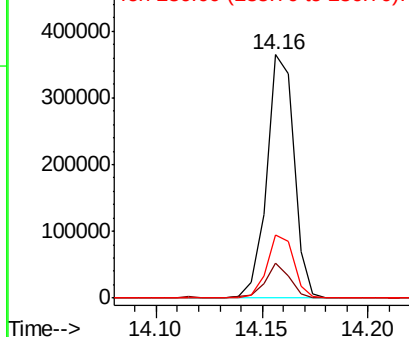
Lab File: BF109973.D

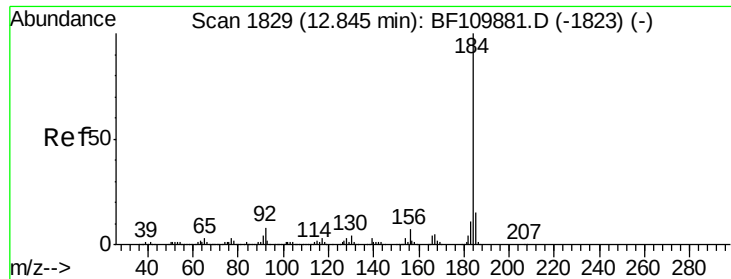
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	8.3	12.5#
236	26.0	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.084 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

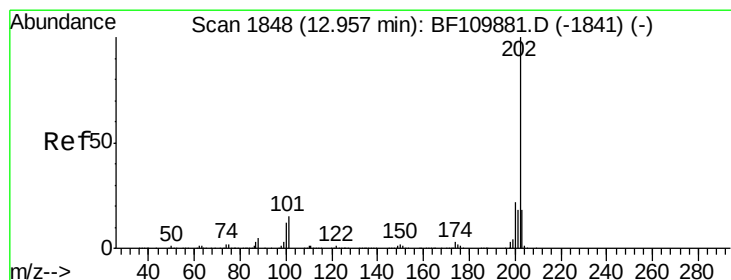
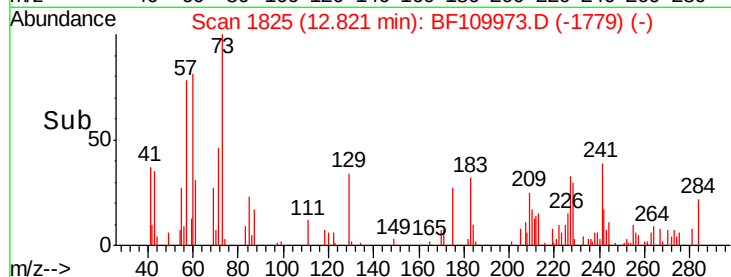
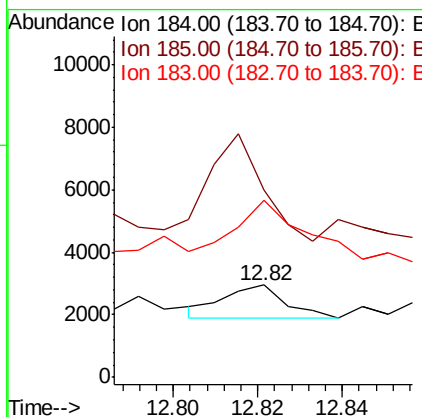
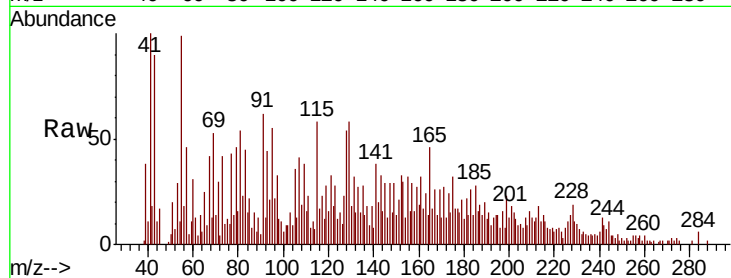
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	204.0	13.4	20.2#
183	192.1	9.4	14.2#

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#78

Pyrene

Concen: 37.964 ng

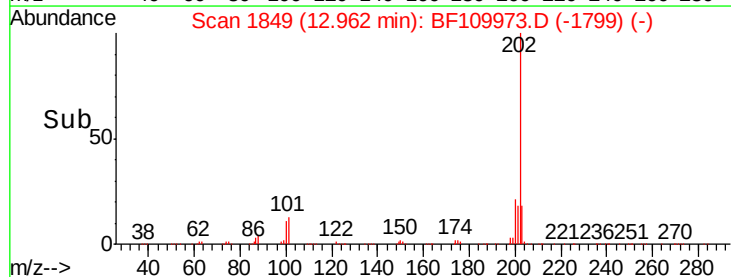
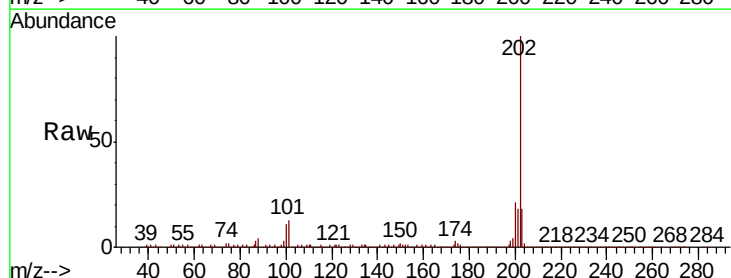
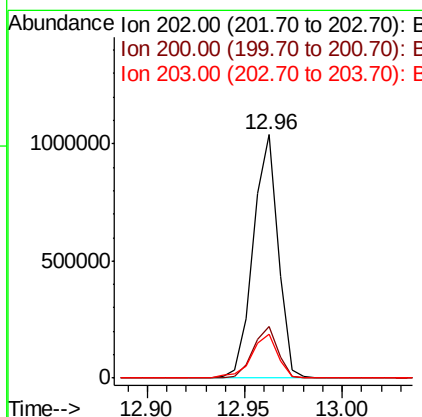
RT: 12.96 min Scan# 1849

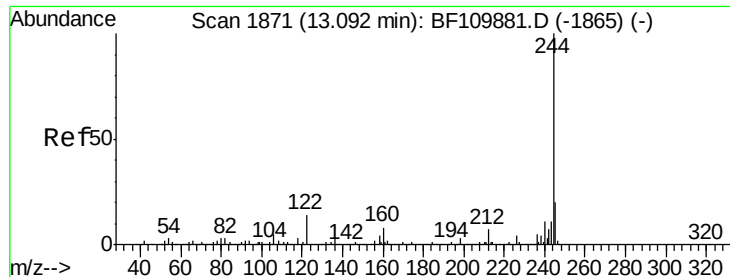
Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.0	14.2	21.4





#79

Terphenyl-d14

Concen: 74.153 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tot Ion:244 Resp: 1152188

Ion Ratio Lower Upper

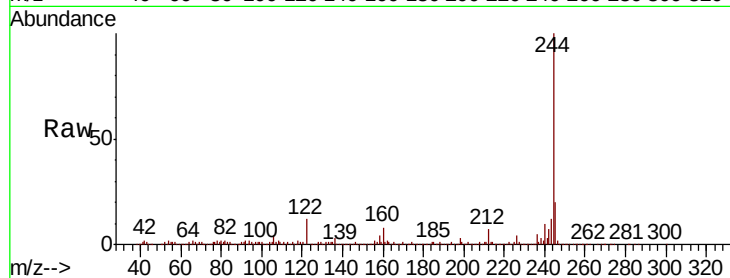
244 100

212 7.1 5.8 8.8

122 11.8 8.7 13.1

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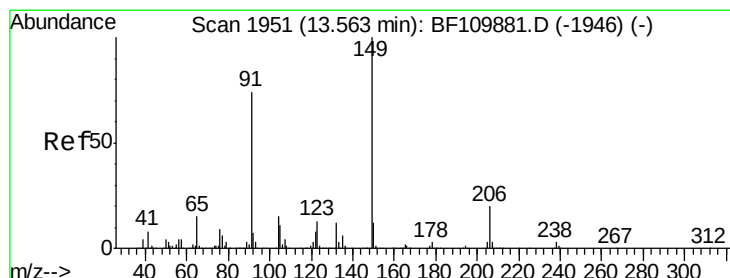
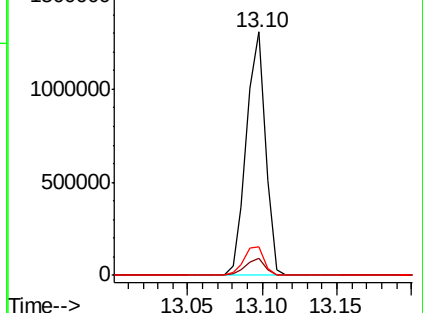
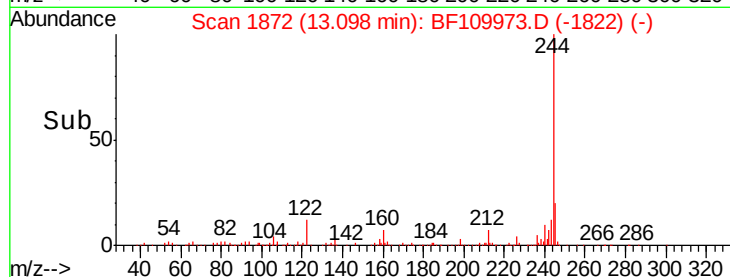
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.927 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

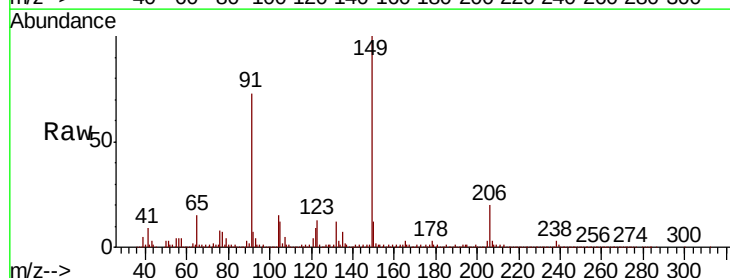
Tgt Ion:149 Resp: 425597

Ion Ratio Lower Upper

149 100

91 73.5 57.2 85.8

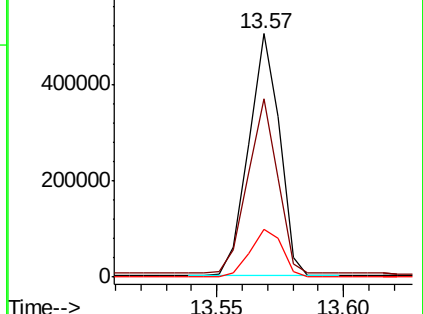
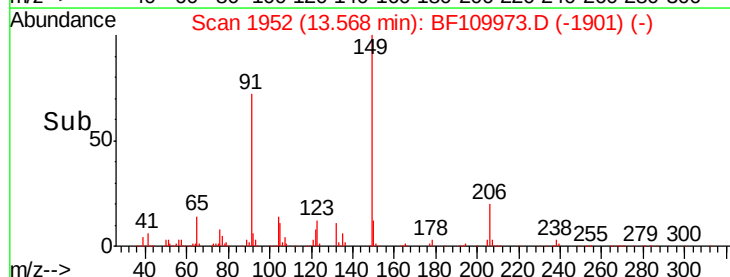
206 19.8 15.7 23.5

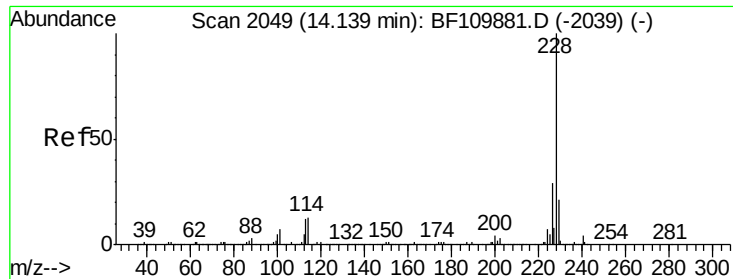


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





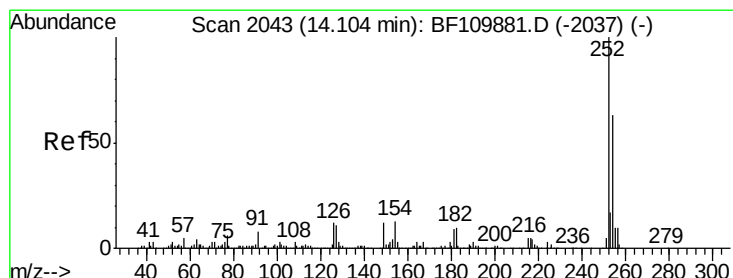
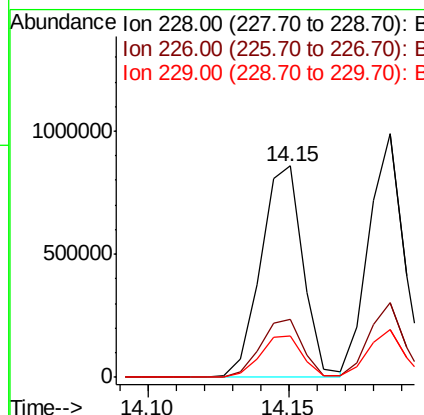
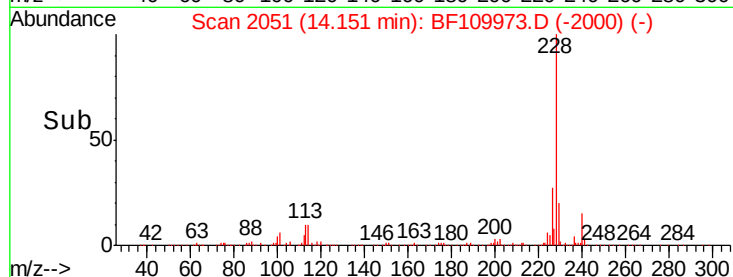
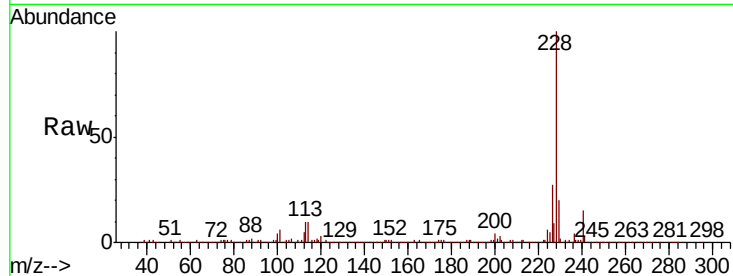
#81
Benzo(a)anthracene
Concen: 46.253 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion:	228	Resp:	888944
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.1	33.1
229	19.7	15.6	23.4

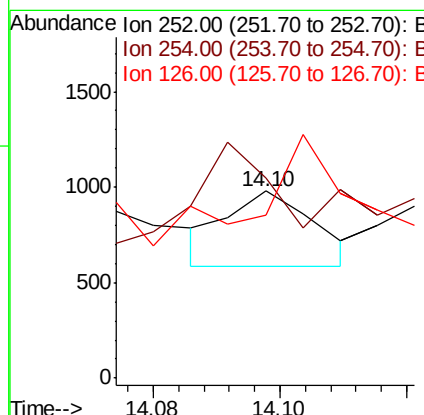
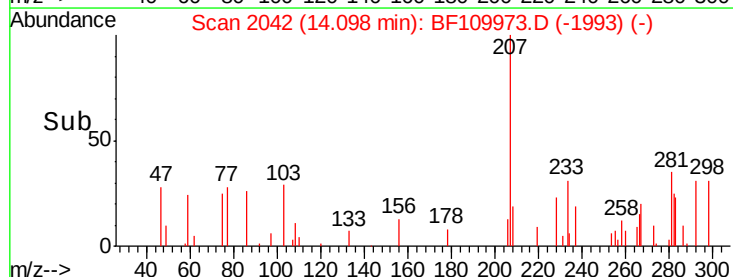
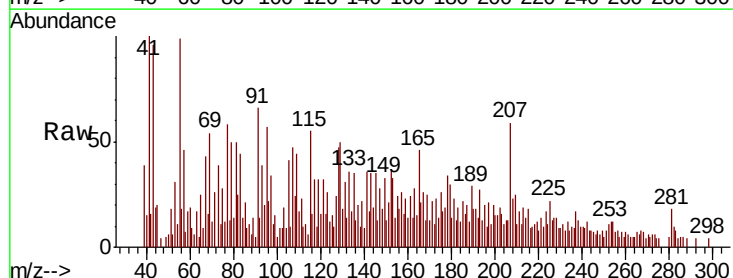
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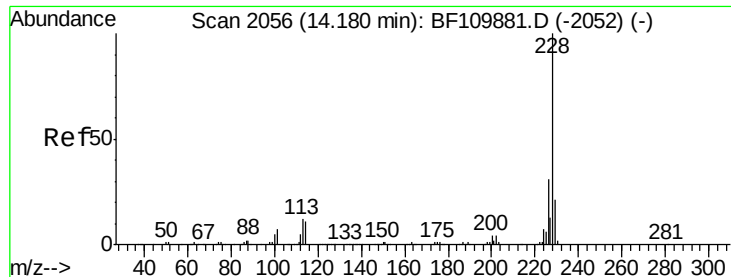
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 0.055 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion:	252	Resp:	370
Ion Ratio	Lower	Upper	
252	100		
254	107.3	51.3	76.9#
126	87.2	9.4	14.2#





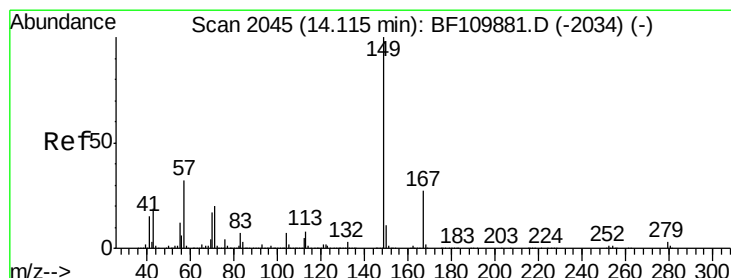
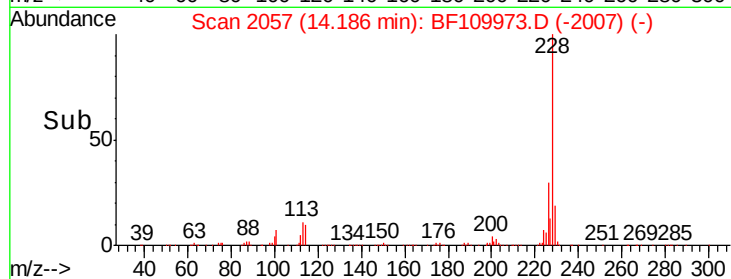
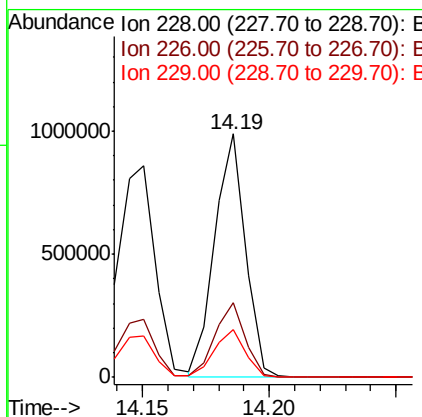
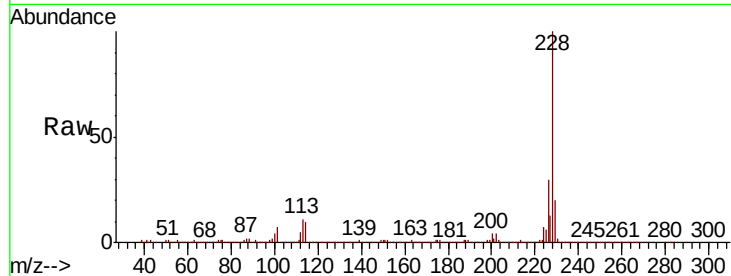
#83
Chrysene
Concen: 45.496 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.5	15.9	23.9

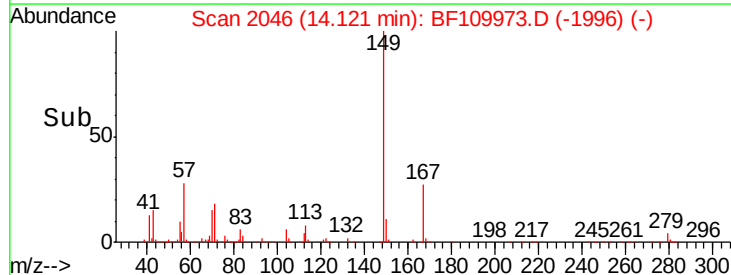
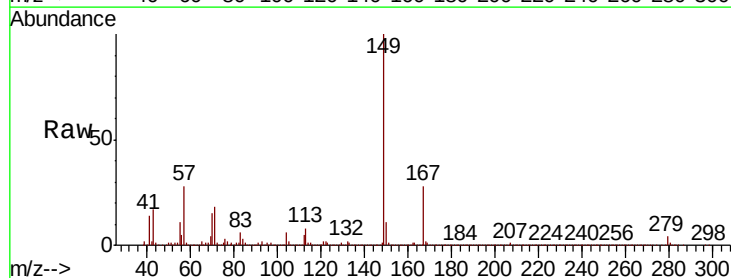
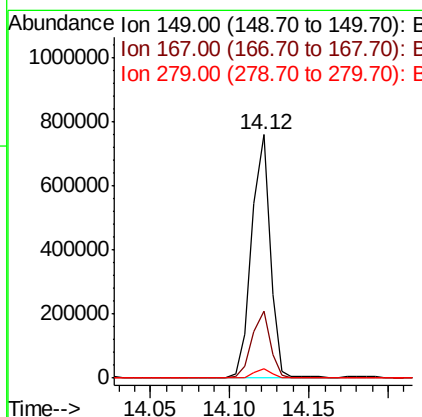
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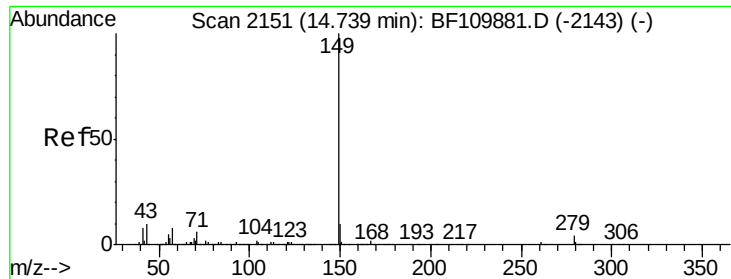
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.164 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	19.8	29.8
279	3.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 60.274 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109973.D

Acq: 18 Oct 2018 21:52

Instrument :

BNA_F

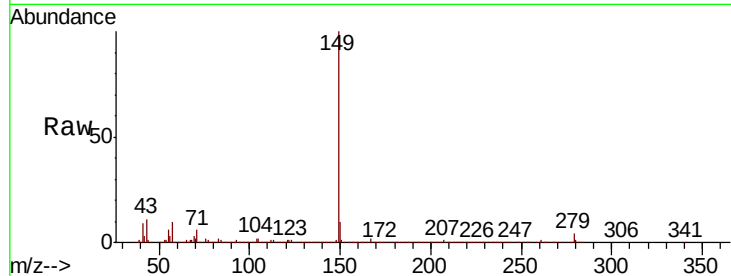
ClientSampleId :

MW-1MSD

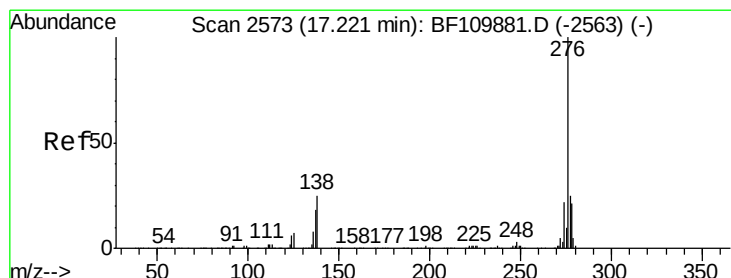
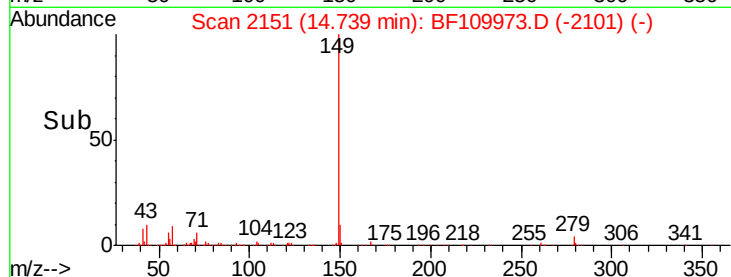
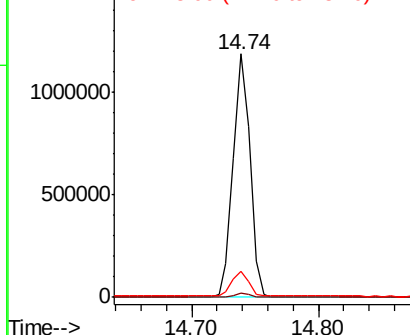
Tot Ion:	149	Resp:	1083351
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.2	7.8	11.8

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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): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 78.424 ng

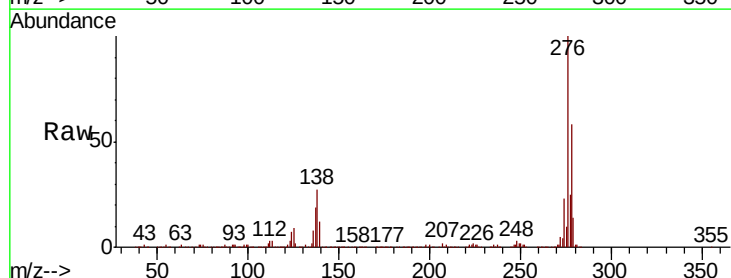
RT: 17.26 min Scan# 2579

Delta R.T. -0.01 min

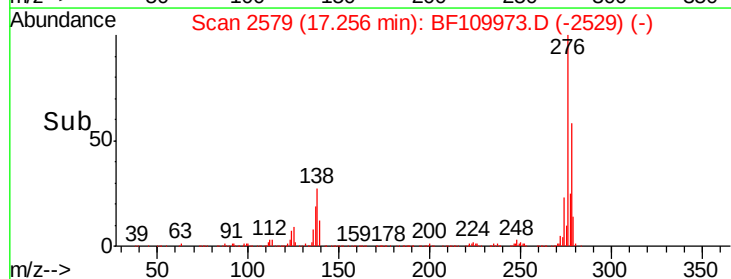
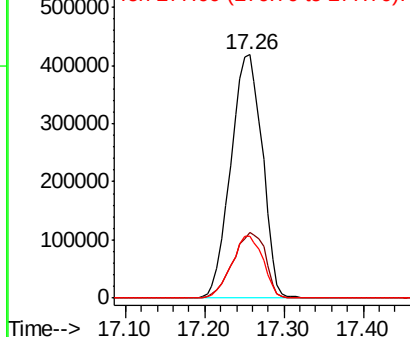
Lab File: BF109973.D

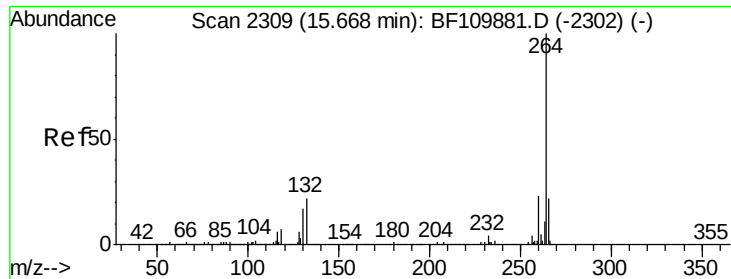
Acq: 18 Oct 2018 21:52

Tgt Ion:	276	Resp:	1155125
Ion	Ratio	Lower	Upper
276	100		
138	28.0	18.5	27.7#
277	25.6	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





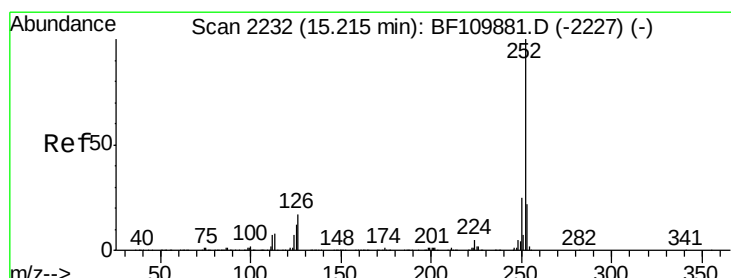
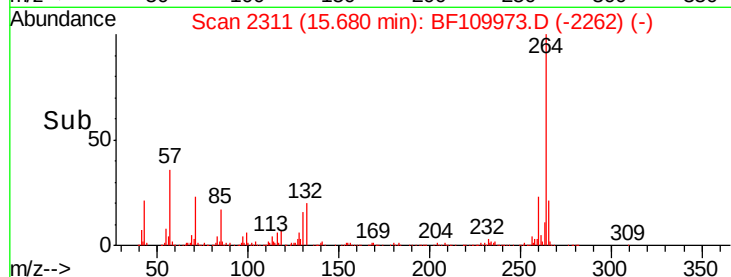
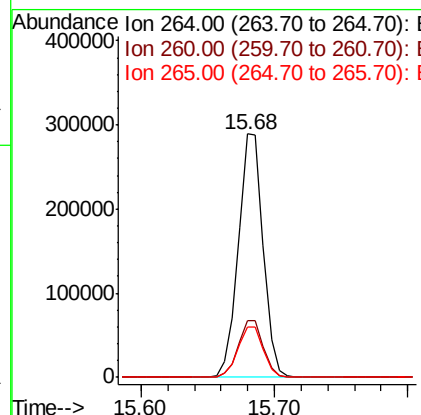
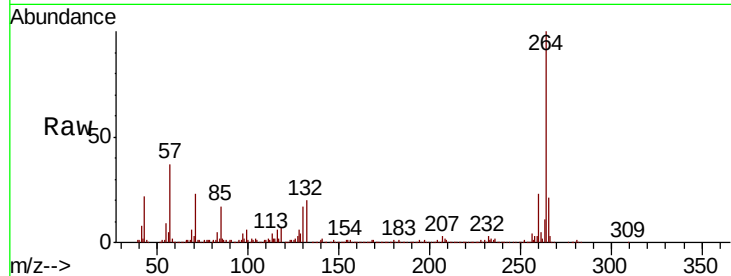
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.6	16.7	25.1

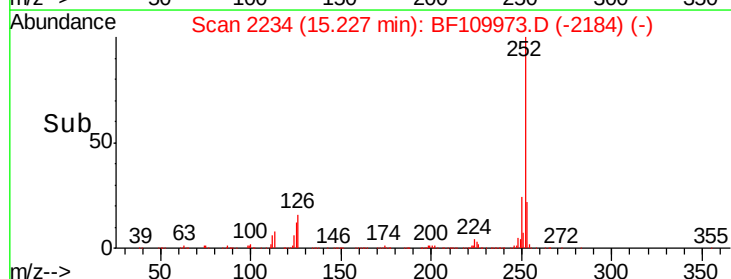
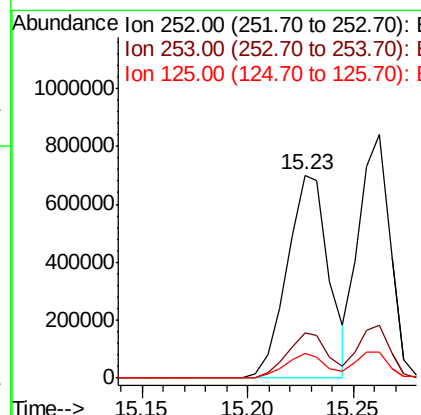
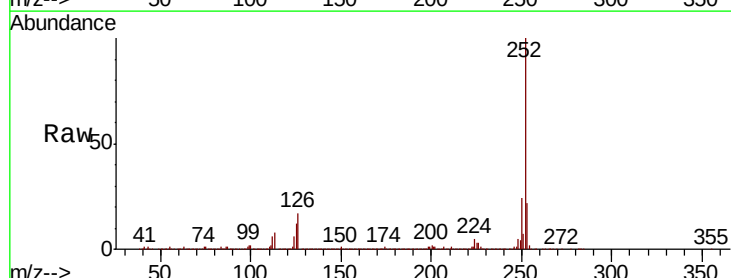
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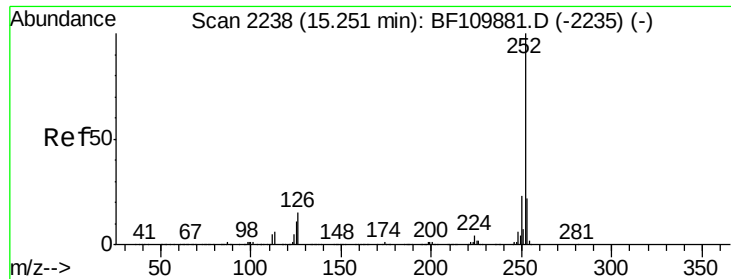
Sohil
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#88
Benzo(b)fluoranthene
Concen: 44.496 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.9	8.2	12.4





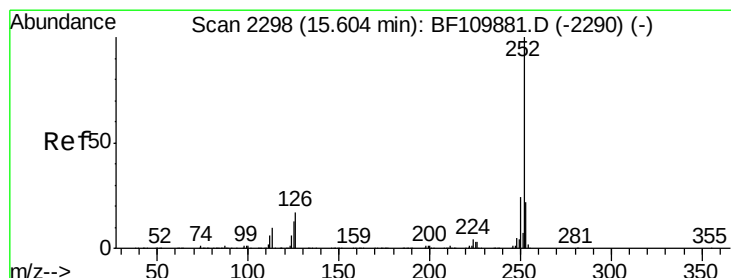
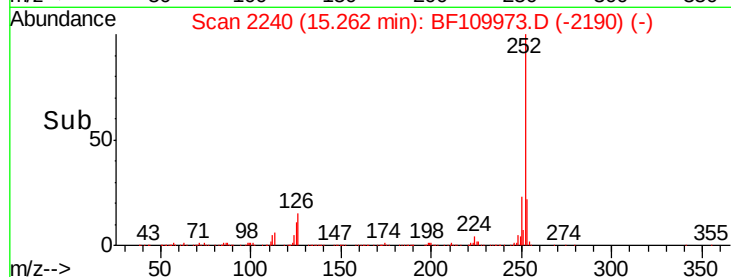
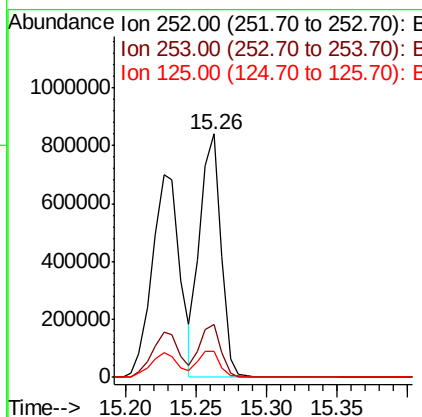
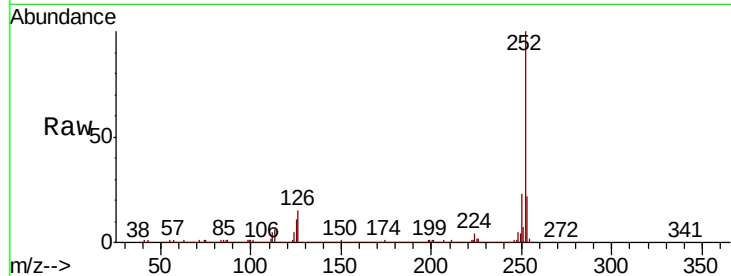
#89
Benzo(k)fluoranthene
Concen: 40.899 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.9	7.4	11.0

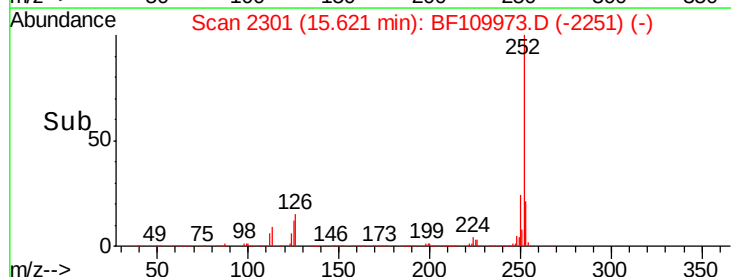
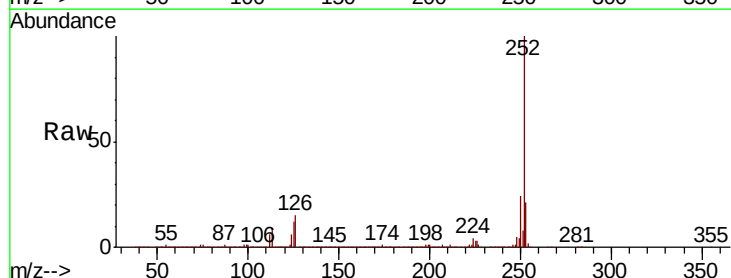
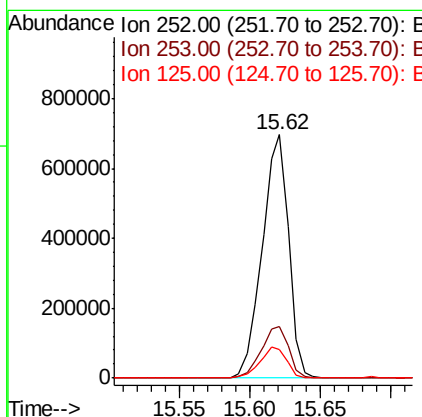
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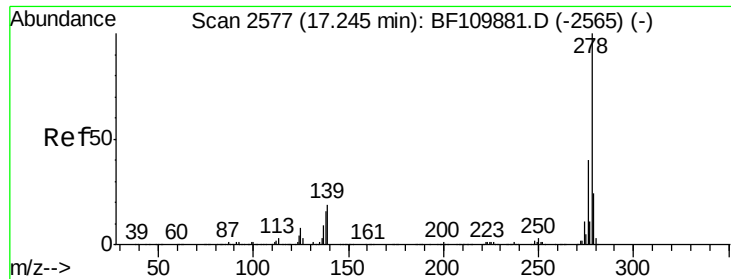
Sohil
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#90
Benzo(a)pyrene
Concen: 46.274 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	12.0	9.0	13.6





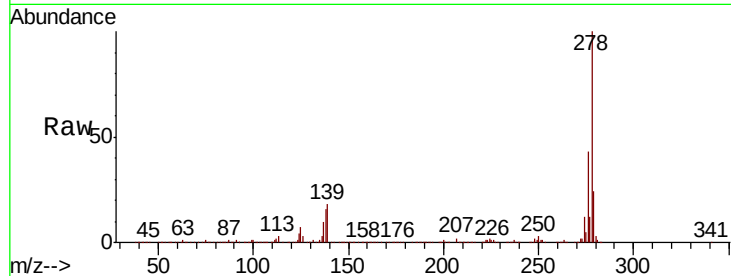
#91
Dibenzo(a,h)anthracene
Concen: 53.862 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	24.2	19.0	28.4

Manual Integrations
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Sohil
10/19/2018 12:15:01 PM

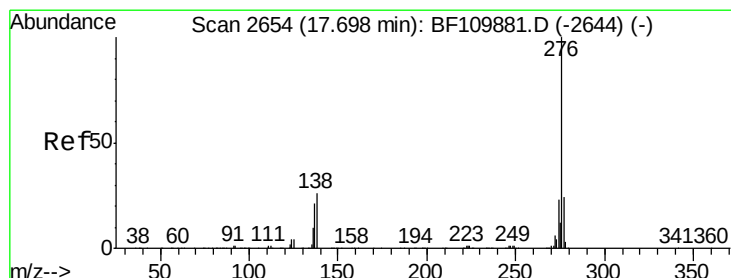
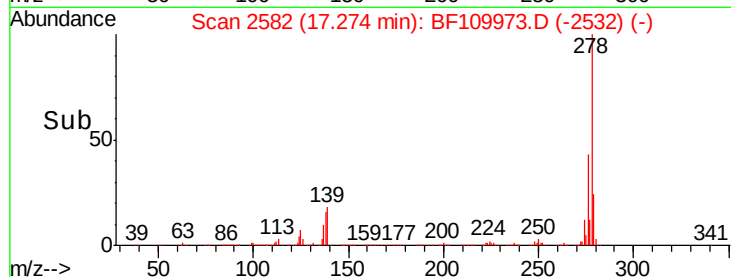
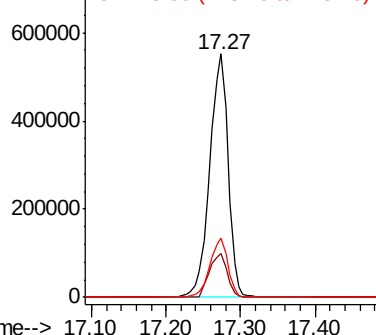


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.498 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF109973.D
Acq: 18 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	24.2	16.0	24.0#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

