

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100950.D
 Acq On : 28 Nov 2017 23:28
 Operator : SJ/JU
 Sample : PB104562BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Manual Integrations
 APPROVED

Sohil
 11/29/2017 4:29:12 PM

Quant Time: Nov 29 07:49:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59094	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	227023	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	97517	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	159787	20.00	ng	0.00
75) Chrysene-d12	14.03	240	128322	20.00	ng	0.00
86) Perylene-d12	15.49	264	116220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	283072	76.79	ng	0.01
7) Phenol-d6	6.49	99	334924	73.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	309051	90.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	77459	77.95	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	635647	99.26	ng	0.00
78) Terphenyl-d14	12.97	244	440052	78.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	55832	31.077	ng	99
3) Pyridine	3.47	79	149824	30.568	ng	92
4) n-Nitrosodimethylamine	3.43	42	79725	33.502	ng	86
6) Aniline	6.52	93	122225	19.031	ng	100
8) 2-Chlorophenol	6.65	128	164593	42.204	ng	96
9) Benzaldehyde	6.41	77	80409	24.768	ng	95
10) Phenol	6.50	94	193120	40.467	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	147436	36.781	ng	96
12) 1,3-Dichlorobenzene	6.80	146	187047	41.600	ng	97
13) 1,4-Dichlorobenzene	6.87	146	185844	40.837	ng	98
14) 1,2-Dichlorobenzene	7.03	146	175543	41.720	ng	99
15) Benzyl Alcohol	7.00	79	136169	38.380	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	240918	37.578	ng	98
17) 2-Methylphenol	7.11	107	131970	39.598	ng	98
18) Hexachloroethane	7.37	117	54589	36.381	ng	88
19) n-Nitroso-di-n-propylamine	7.27	70	108069	34.279	ng	95
20) 3+4-Methylphenols	7.26	107	162804	38.603	ng	# 77
22) Acetophenone	7.27	105	209149	37.780	ng	# 89
24) Nitrobenzene	7.45	77	158862	44.949	ng	97
25) Isophorone	7.68	82	286765	39.740	ng	99
26) 2-Nitrophenol	7.76	139	79051	47.738	ng	97
27) 2,4-Dimethylphenol	7.79	122	138391	42.783	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	184177	39.020	ng	99
29) 2,4-Dichlorophenol	8.00	162	137544	44.541	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	147771	44.238	ng	95
31) Naphthalene	8.16	128	459817	42.051	ng	99
32) Benzoic acid	7.90	122	72113m	32.800	ng	
33) 4-Chloroaniline	8.21	127	60959	13.393	ng	98
34) Hexachlorobutadiene	8.27	225	88460	44.540	ng	97
35) Caprolactam	8.59	113	39270m	37.056	ng	
36) 4-Chloro-3-methylphenol	8.70	107	133174	40.154	ng	94
37) 2-Methylnaphthalene	8.86	142	310108	42.717	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	142227	43.977	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	34612	22.739	ng	97

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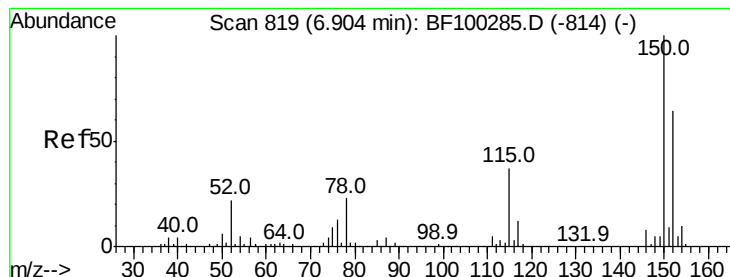
Manual Integrations
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 11/29/2017 4:29:12 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	95633	46.656	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	97359	45.844	nq #	93
45) 1,1'-Biphenyl	9.32	154	358148	42.464	nq	97
46) 2-Chloronaphthalene	9.34	162	281184	45.955	nq	95
47) 2-Nitroaniline	9.44	65	79946	44.438	nq	93
48) Acenaphthylene	9.76	152	419859	41.406	nq	100
49) Dimethylphthalate	9.62	163	334728	44.957	nq	100
50) 2,6-Dinitrotoluene	9.69	165	68378	46.396	nq #	81
51) Acenaphthene	9.93	154	242870	39.382	nq	98
52) 3-Nitroaniline	9.85	138	49224	28.284	nq	94
53) 2,4-Dinitrophenol	9.96	184	13974	33.164	nq #	14
54) Dibenzofuran	10.10	168	367970	42.572	nq	98
55) 4-Nitrophenol	10.02	139	86589	61.275	nq	94
56) 2,4-Dinitrotoluene	10.09	165	83900	45.125	nq #	94
57) Fluorene	10.44	166	275912	43.575	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	70862	40.713	nq #	86
59) Diethylphthalate	10.32	149	316045	42.417	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	142516	45.881	nq	90
61) 4-Nitroaniline	10.47	138	60333	36.561	nq	87
62) Azobenzene	10.60	77	254255	36.231	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	12094	20.884	nq #	73
65) n-Nitrosodiphenylamine	10.56	169	255684	46.020	nq	96
66) 4-Bromophenyl-phenylether	10.93	248	85609	49.979	nq #	86
67) Hexachlorobenzene	10.99	284	81246	45.351	nq #	90
68) Atrazine	11.08	200	79012	46.980	nq	97
69) Pentachlorophenol	11.19	266	76603	59.632	nq	99
70) Phenanthrene	11.41	178	362037	43.033	nq	98
71) Anthracene	11.46	178	371803	43.560	nq	99
72) Carbazole	11.62	167	316202	40.149	nq	99
73) Di-n-butylphthalate	11.94	149	430551	46.715	nq	98
74) Fluoranthene	12.60	202	355161	39.833	nq	95
76) Benzidine	12.72	184	250987	48.840	nq	98
77) Pyrene	12.83	202	369520	40.397	nq	98
79) Butylbenzylphthalate	13.44	149	155564	41.702	nq #	90
80) Benzo(a)anthracene	14.02	228	344311	44.557	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	120765	43.619	nq #	98
82) Chrysene	14.05	228	323802	43.271	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	219741	44.787	nq	97
84) Di-n-octyl phthalate	14.60	149	377074	44.737	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	252784	41.764	nq #	92
87) Benzo(b)fluoranthene	15.07	252	307344	44.637	nq #	96
88) Benzo(k)fluoranthene	15.10	252	287275	44.157	nq #	95
89) Benzo(a)pyrene	15.43	252	268519	43.989	nq	99
90) Dibenzo(a,h)anthracene	16.99	278	214340	42.936	nq #	95
91) Benzo(g,h,i)perylene	17.42	276	201691	41.274	nq #	91

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



#1

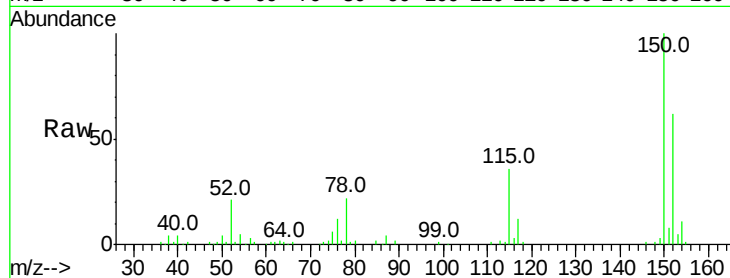
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampled :
 PB104562BS

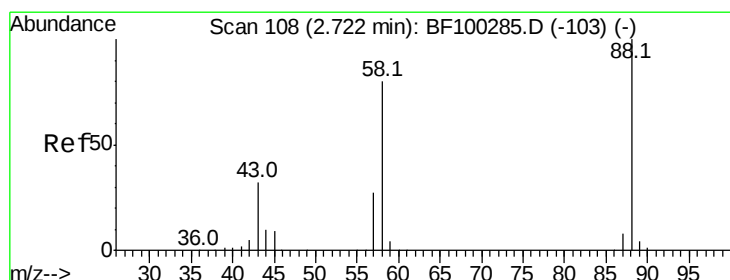
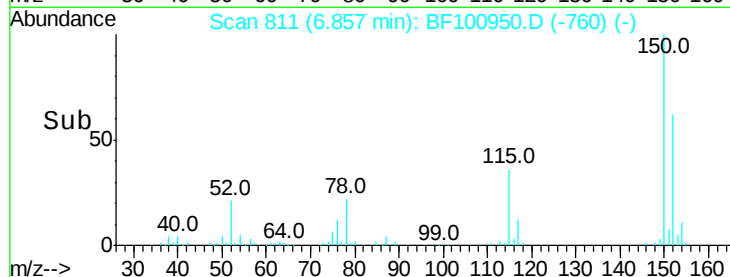
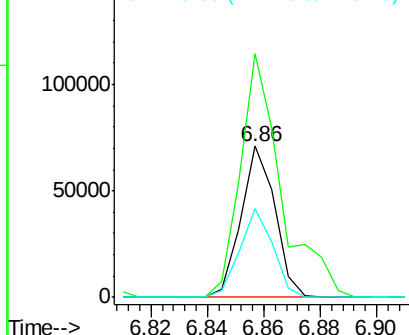
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	58.5	50.1	75.1

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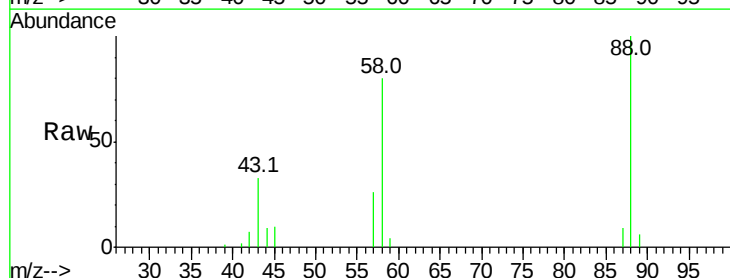
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



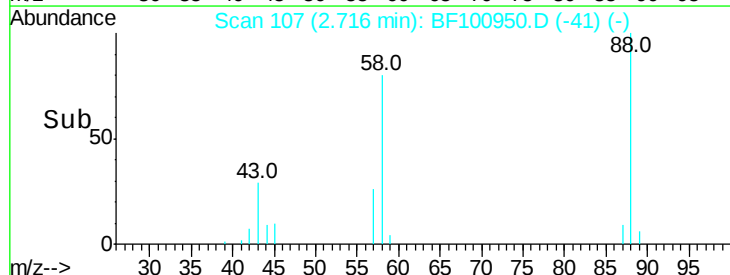
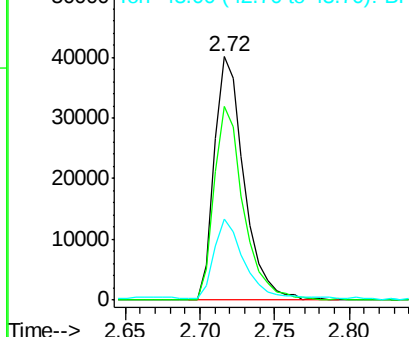
#2

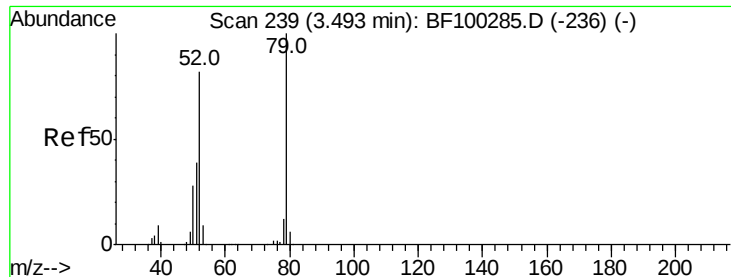
1,4-Dioxane
 Concen: 31.077 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.09 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	62.6	93.8
43	32.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.568 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

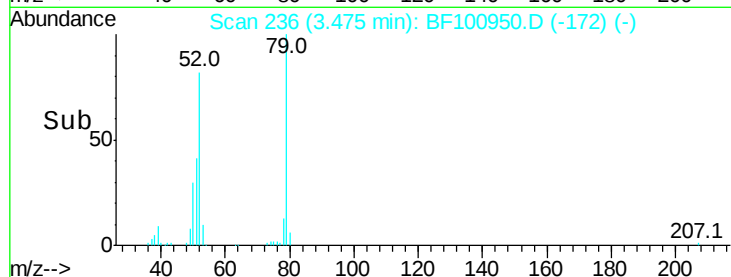
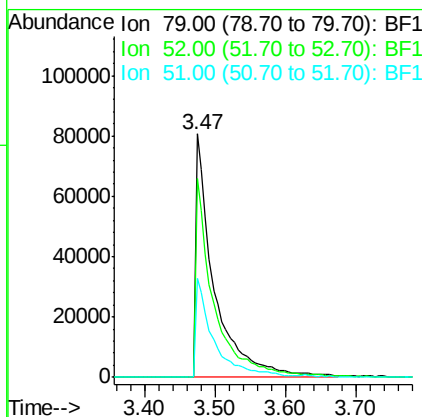
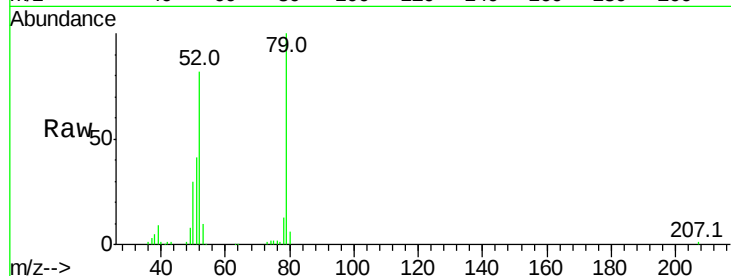
ClientSampled :

PB104562BS

Tot Ion:	79	Resp:	149824
Ion Ratio	Lower	Upper	
79	100		
52	81.8	59.8	89.6
51	40.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.502 ng

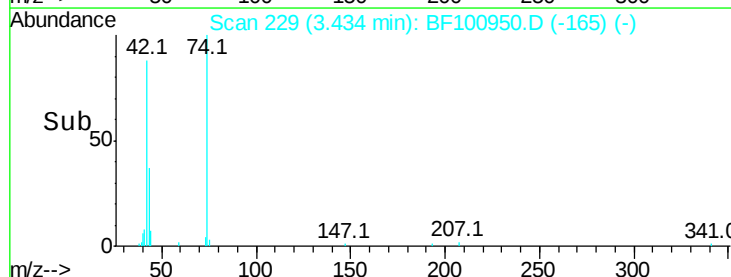
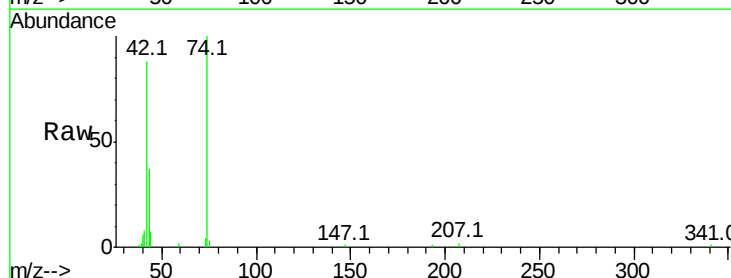
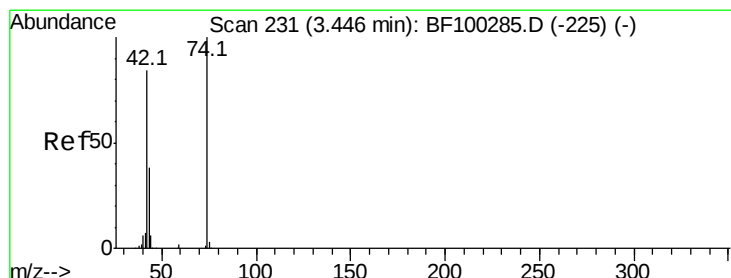
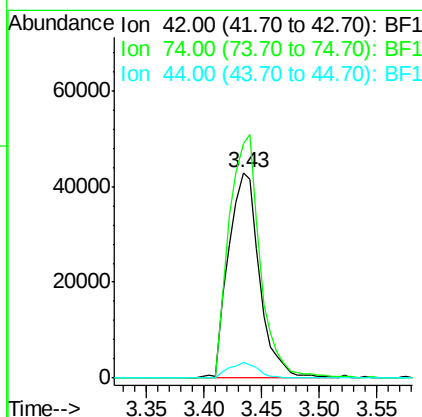
RT: 3.43 min Scan# 229

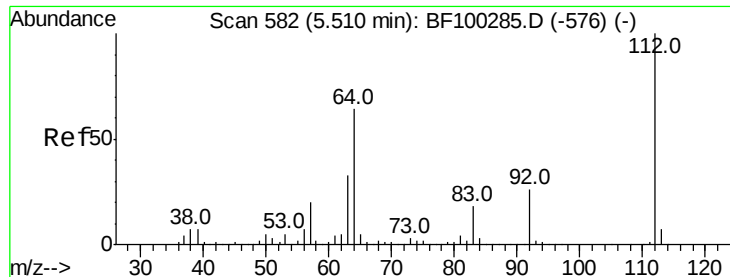
Delta R.T. 0.08 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	42	Resp:	79725
Ion Ratio	Lower	Upper	
42	100		
74	113.8	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 76.786 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

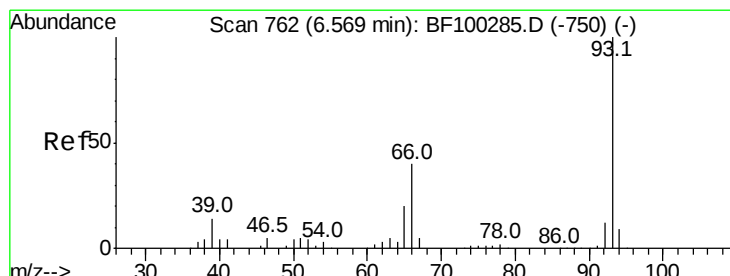
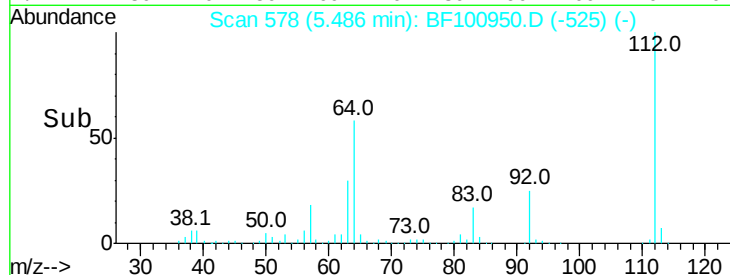
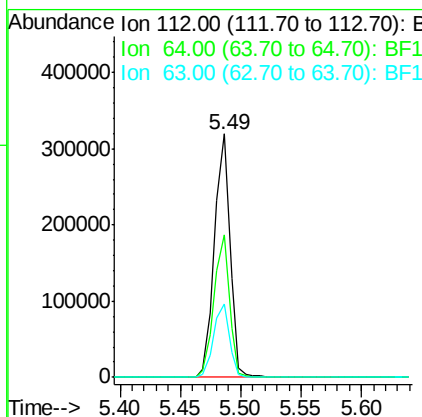
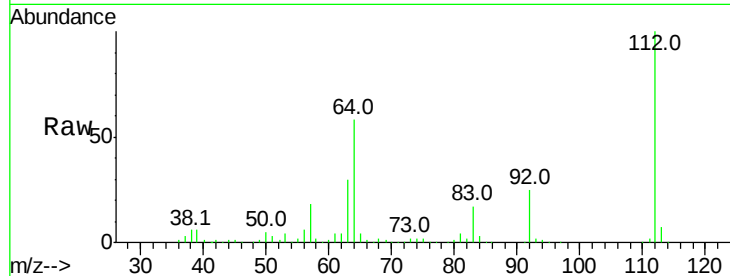
ClientSampleId :

PB104562BS

Tot Ion:	112	Resp:	283072
Ion Ratio	Lower	Upper	
112	100		
64	58.4	47.9	71.9
63	30.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 19.031 ng

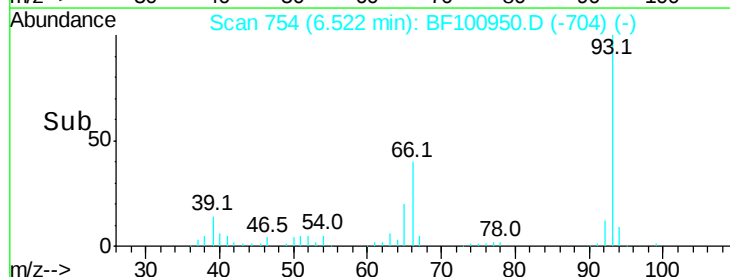
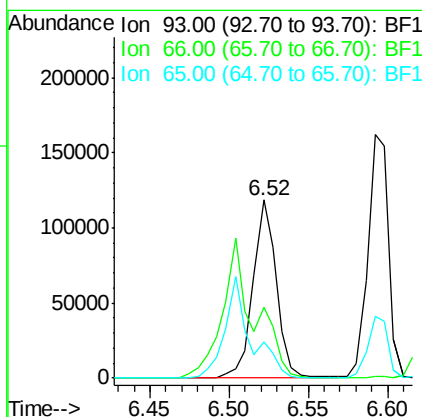
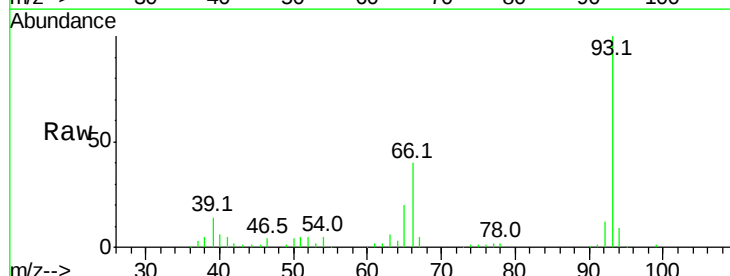
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	93	Resp:	122225
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.2	48.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 73.676 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

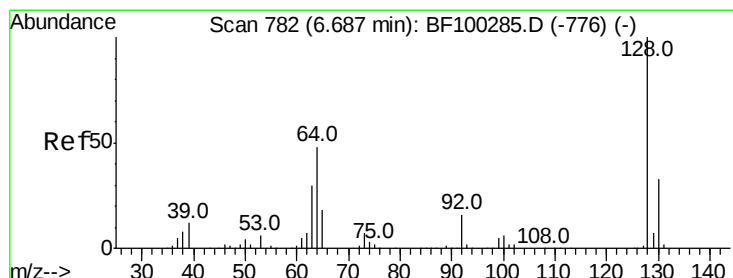
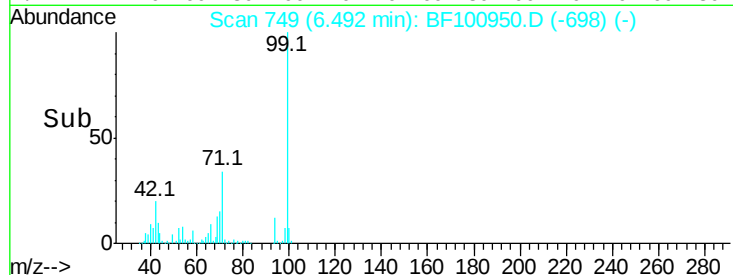
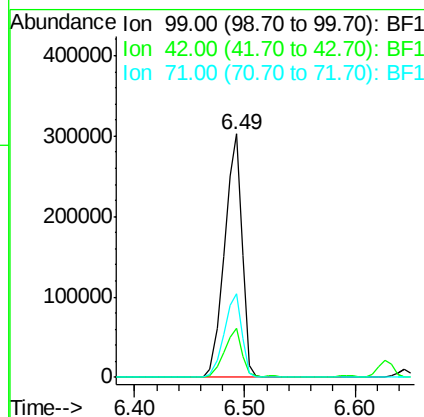
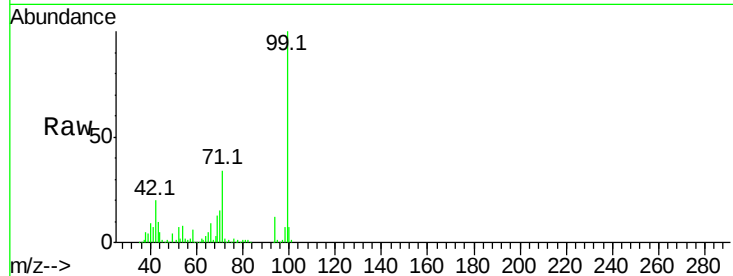
ClientSampleId :

PB104562BS

Tot Ion:	99	Resp:	334924
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.5	21.7
71	34.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.204 ng

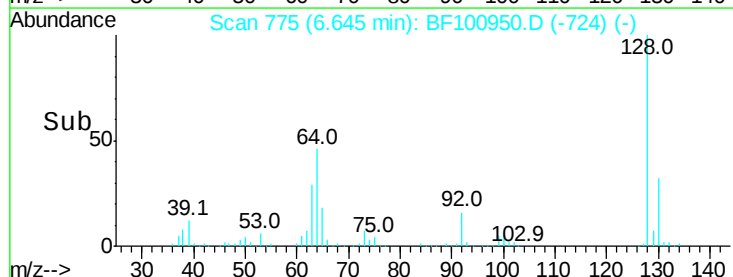
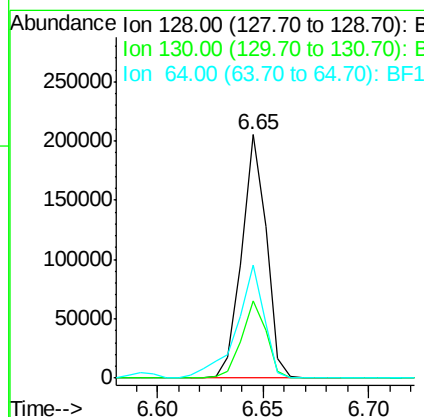
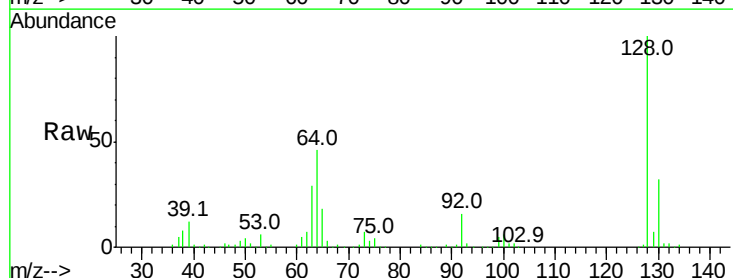
RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	128	Resp:	164593
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.0	53.0
64	46.2	29.4	69.4





#9

Benzaldehyde

Concen: 24.768 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

ClientSampled :

PB104562BS

Tot Ion: 77 Resp: 80409

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

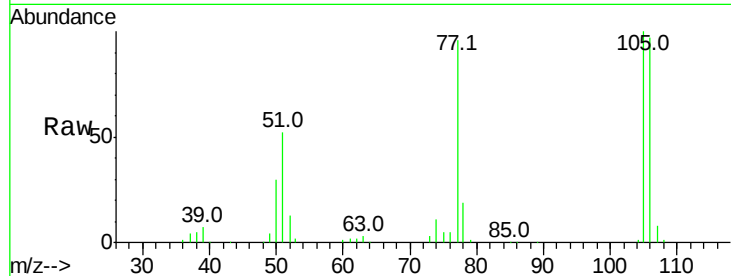
106 101.0 74.5 114.5

Manual Integrations

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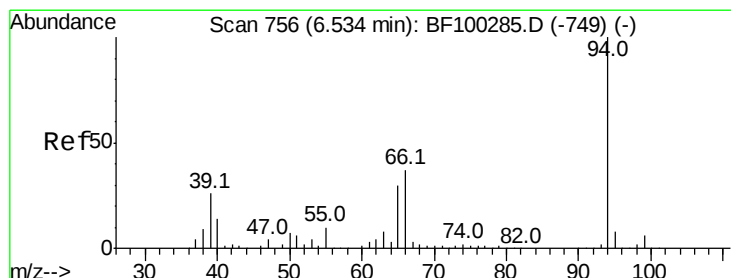
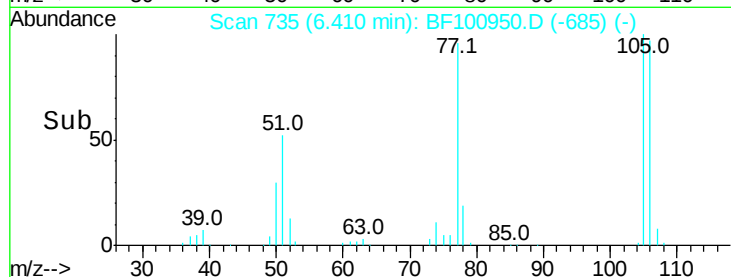
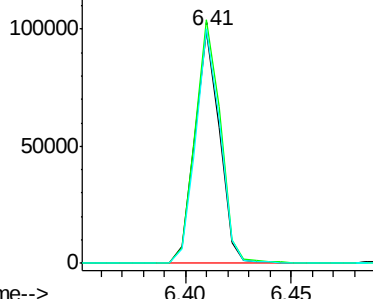
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.467 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

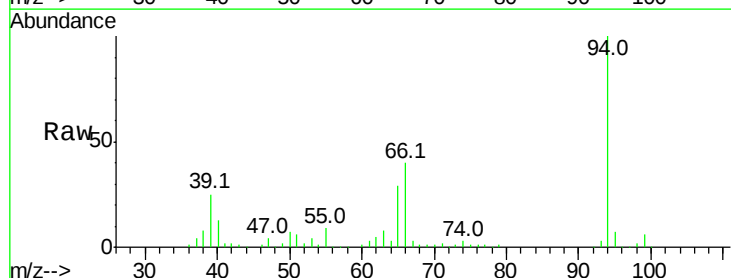
Tgt Ion: 94 Resp: 193120

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

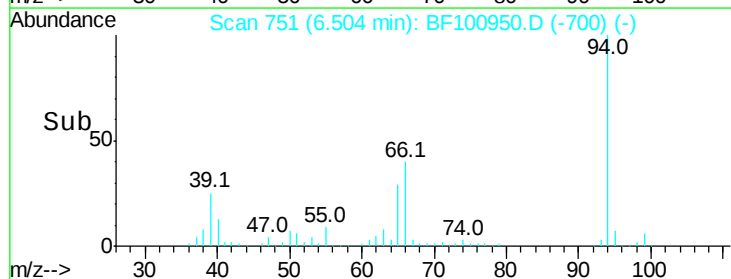
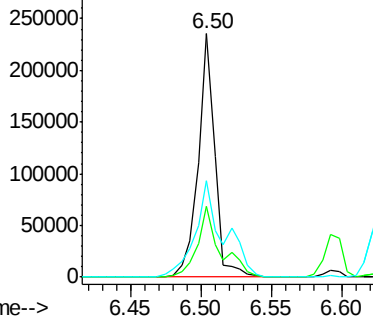
66 39.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.781 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

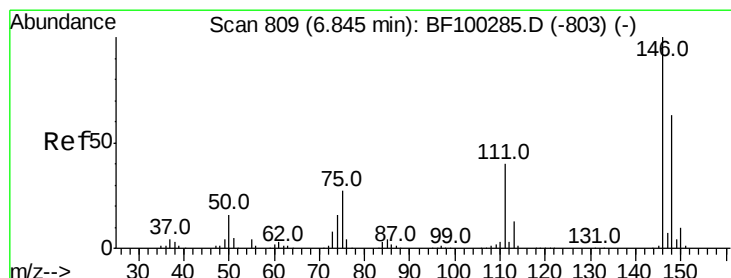
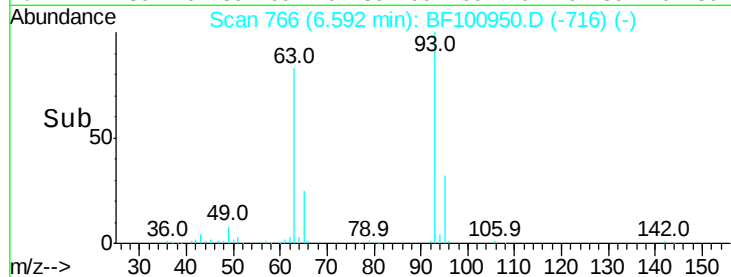
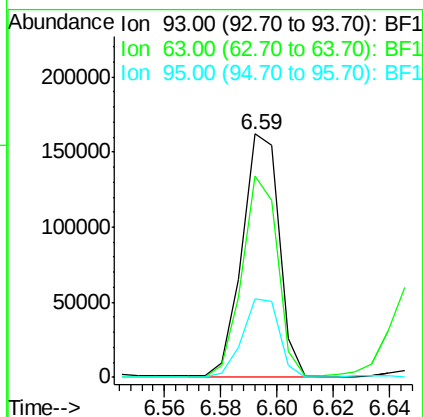
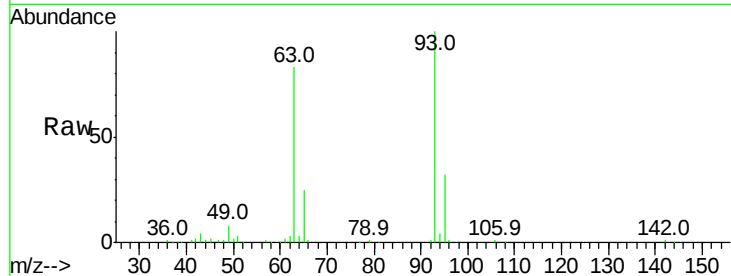
ClientSampleId :

PB104562BS

Tot Ion	93	Resp	147436
Ion Ratio	100	Lower	Upper
93	100		
63	82.9	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 41.600 ng

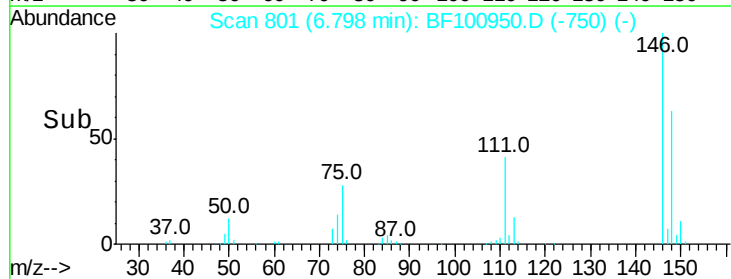
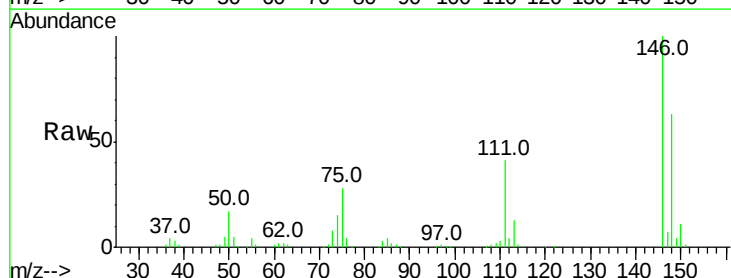
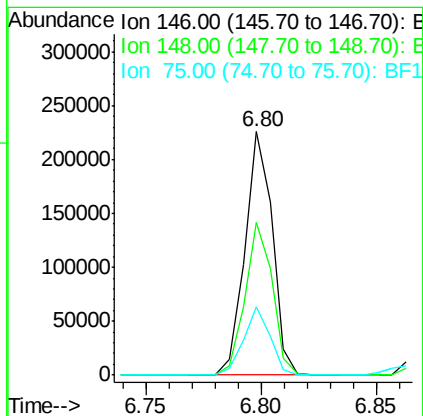
RT: 6.80 min Scan# 801

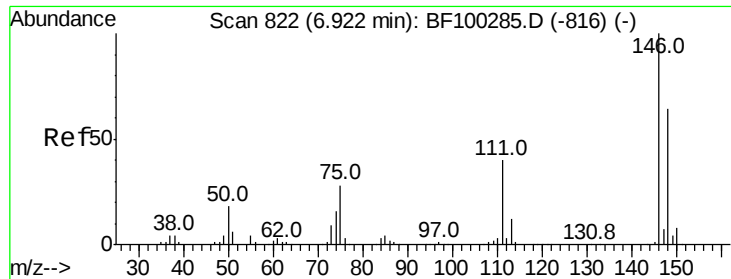
Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion	146	Resp	187047
Ion Ratio	100	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	28.1	24.2	36.4





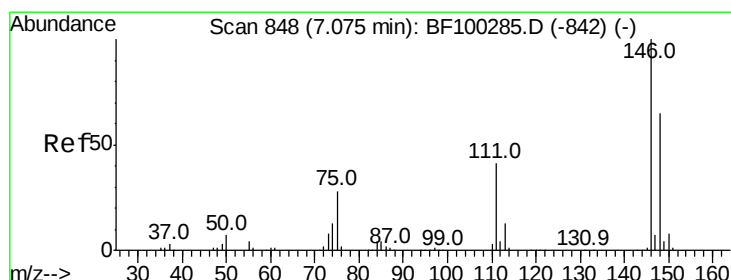
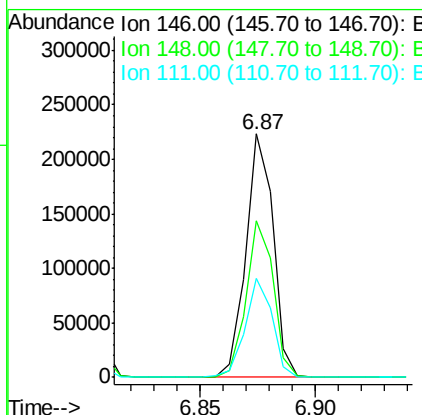
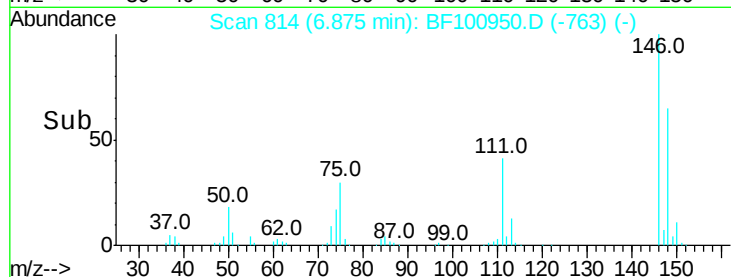
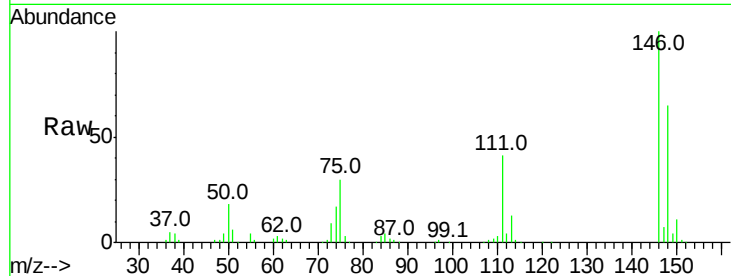
#13
 1,4-Dichlorobenzene
 Concen: 40.837 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	40.8	34.2	51.2

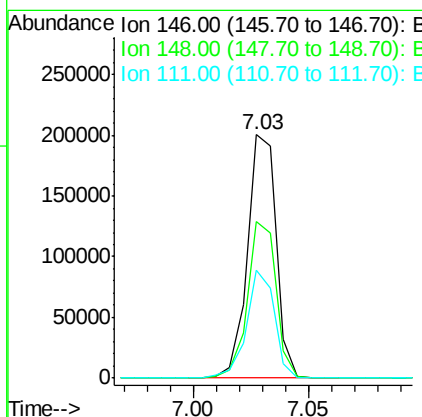
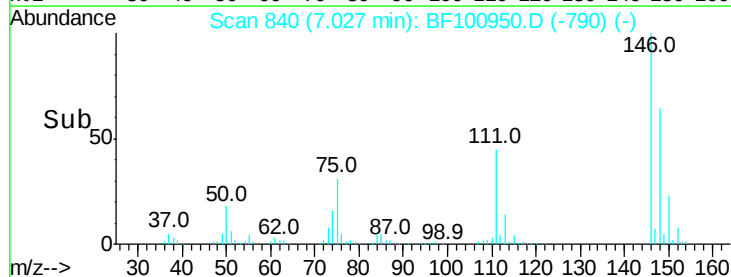
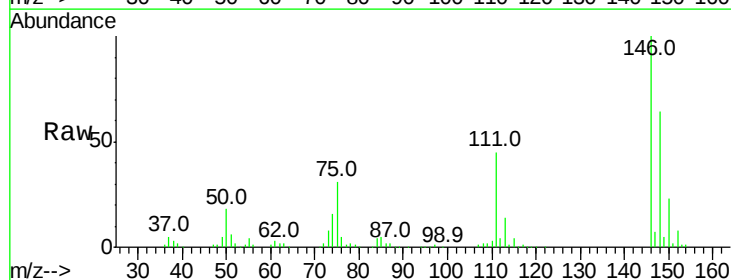
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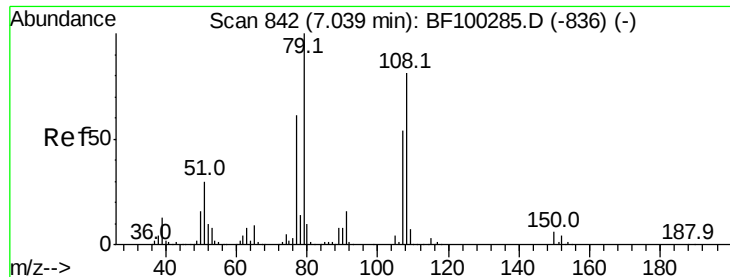
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#14
 1,2-Dichlorobenzene
 Concen: 41.720 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.380 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

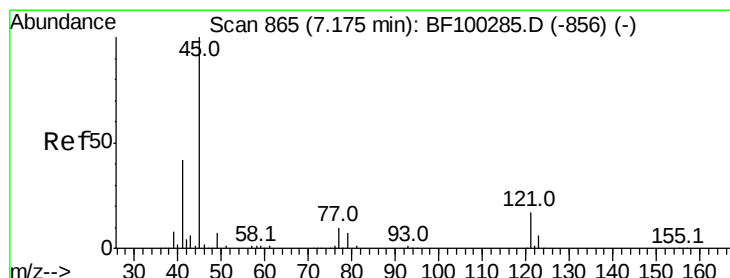
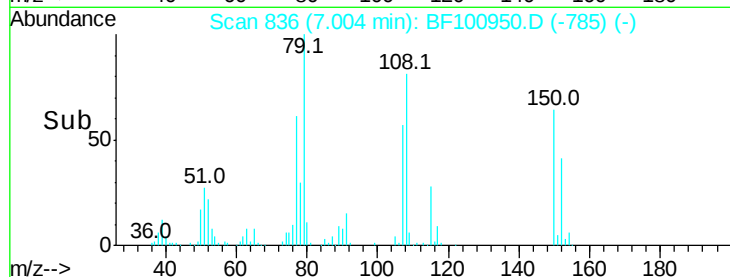
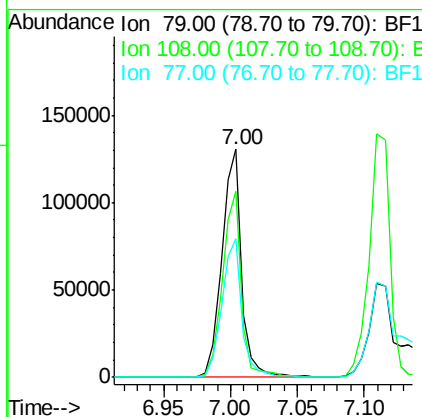
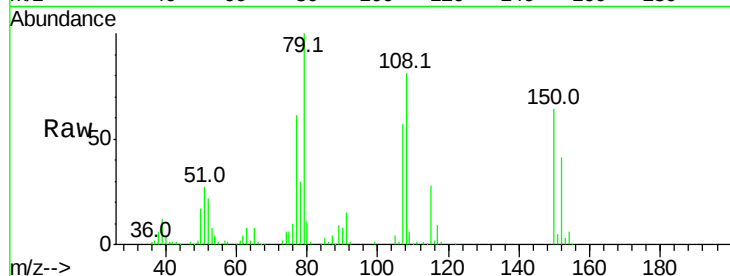
ClientSampled :

PB104562BS

Tot Ion:	79	Resp:	136169
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.1	97.7
77	61.0	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.578 ng

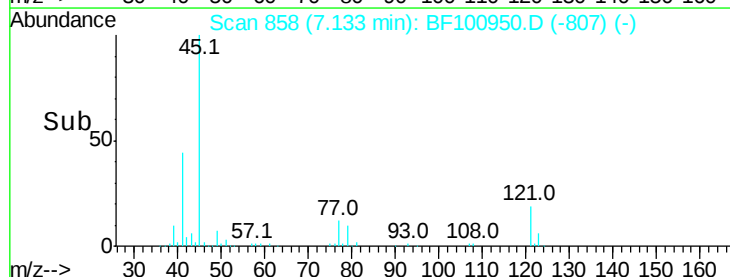
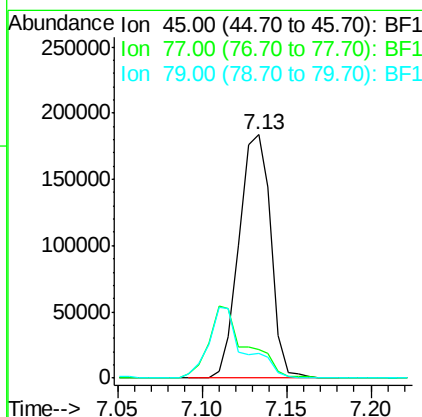
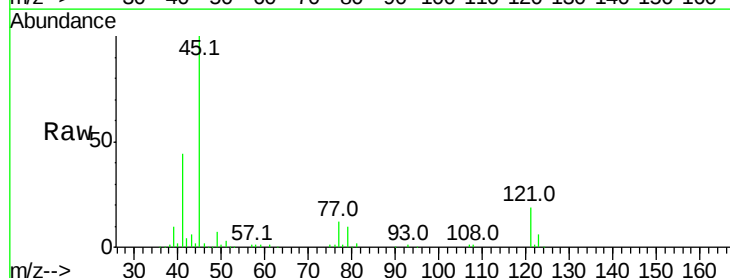
RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	45	Resp:	240918
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	32.9
79	9.9	0.0	29.6





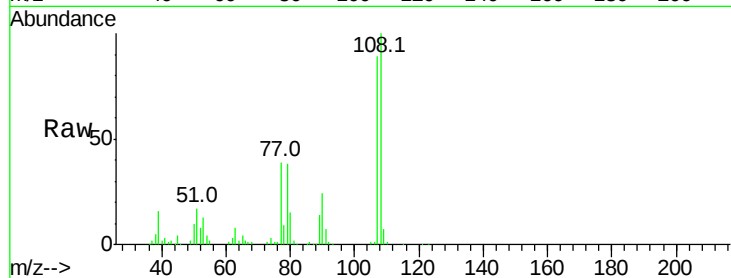
#17
2-Methylphenol
Concen: 39.598 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

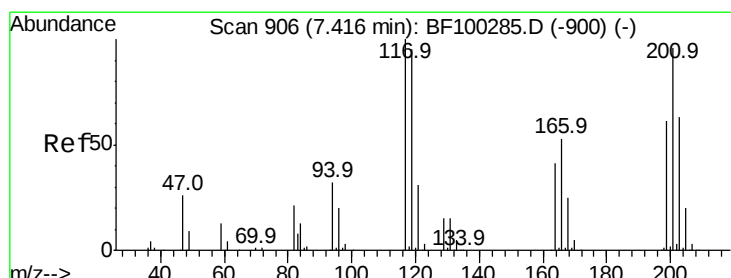
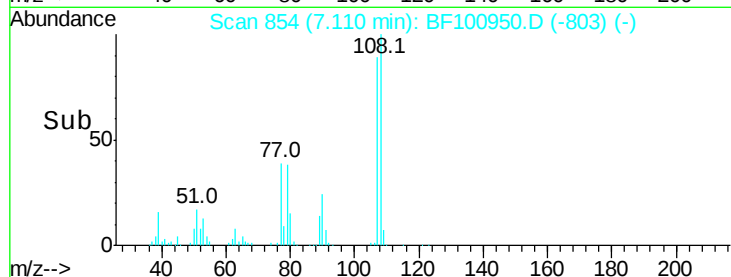
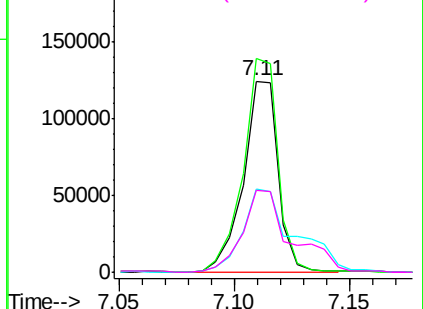
Tot Ion:	107	Resp:	131970
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	43.6	33.8	50.8
79	42.9	33.8	50.8

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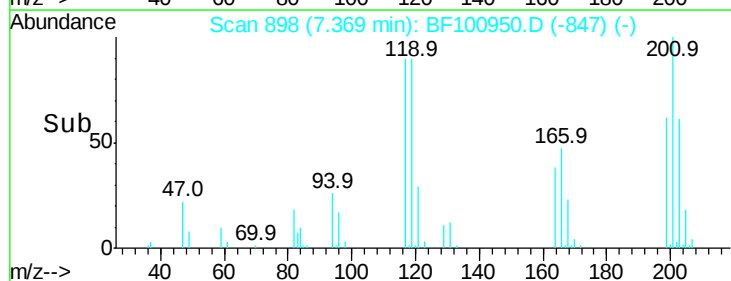
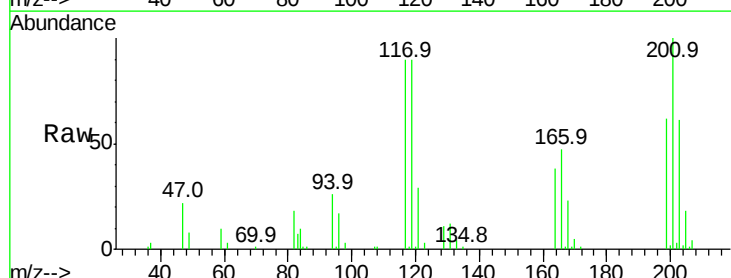
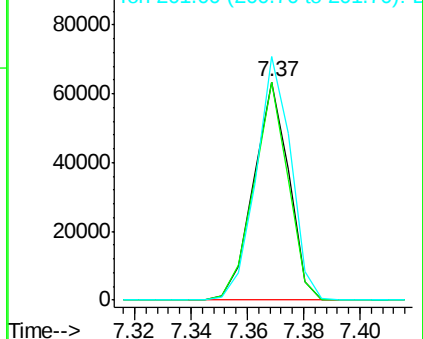
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

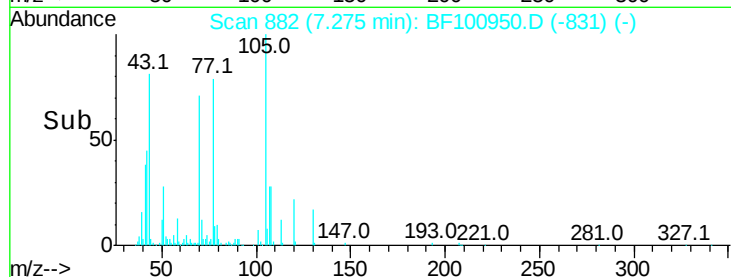
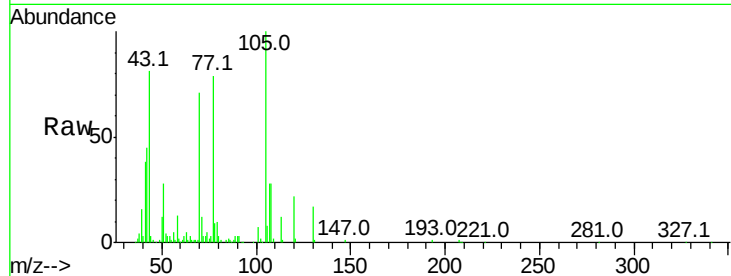
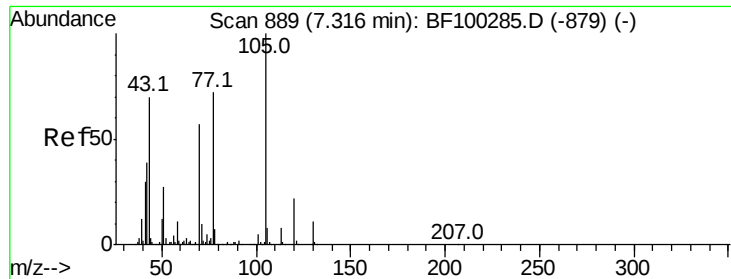


#18
Hexachloroethane
Concen: 36.381 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion:	117	Resp:	54589
Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.8	113.8
201	111.7	75.7	113.5

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





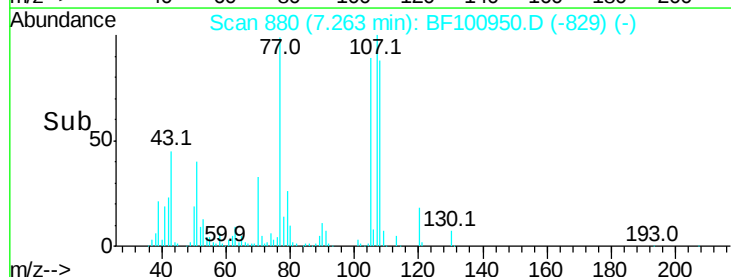
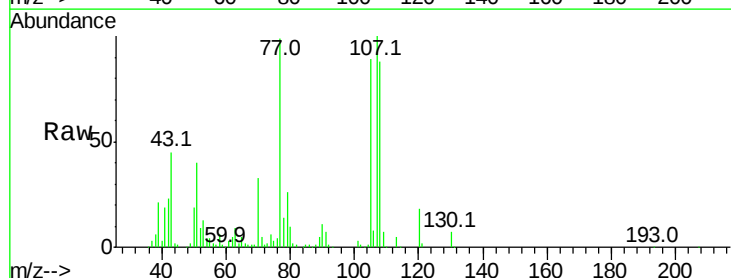
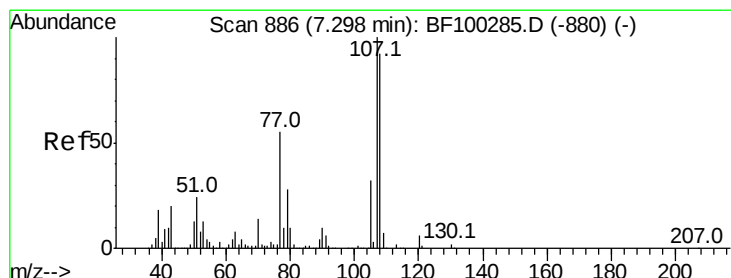
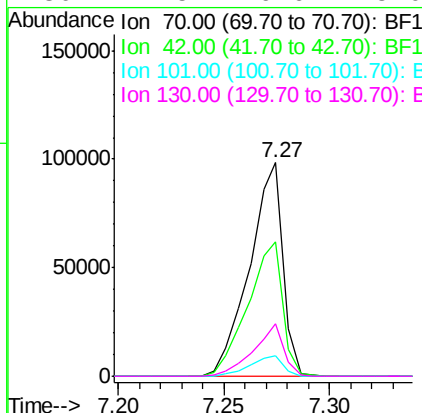
#19
n-Nitroso-di-n-propylamine
Concen: 34.279 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

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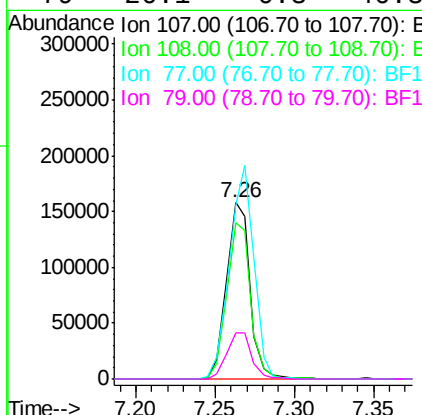
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Tot Ion	70	Resp	108069
Ion Ratio	Lower	Upper	
70	100		
42	63.1	47.5	71.3
101	9.7	7.4	11.2
130	24.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.603 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	107	Resp	162804
Ion Ratio	Lower	Upper	
107	100		
108	88.3	68.2	108.2
77	99.0	26.7	66.7#
79	26.1	6.3	46.3





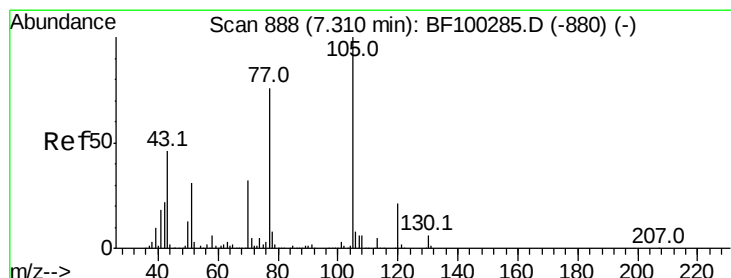
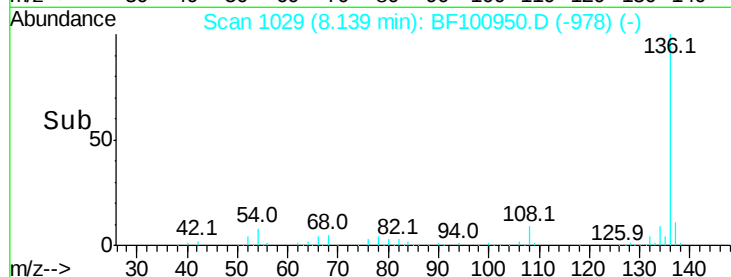
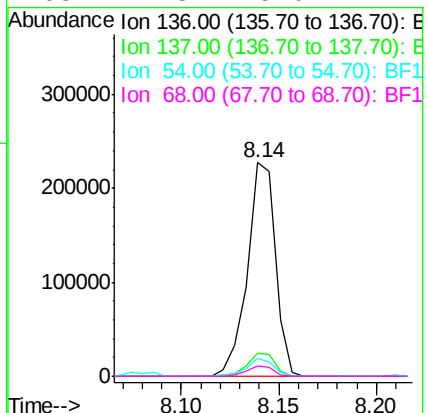
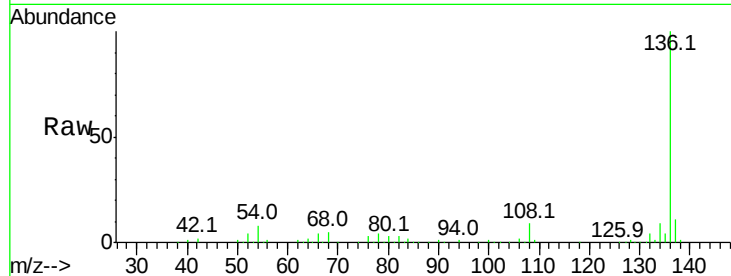
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	8.3	6.6	9.8	
68	4.8	5.0	7.4	

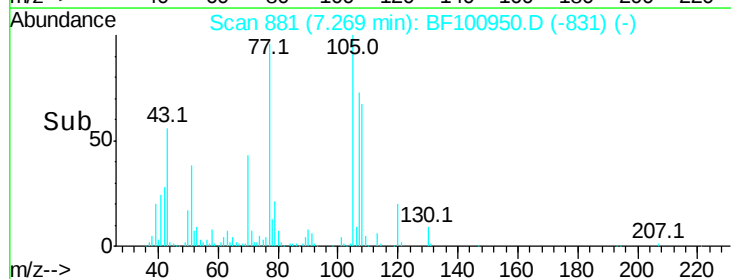
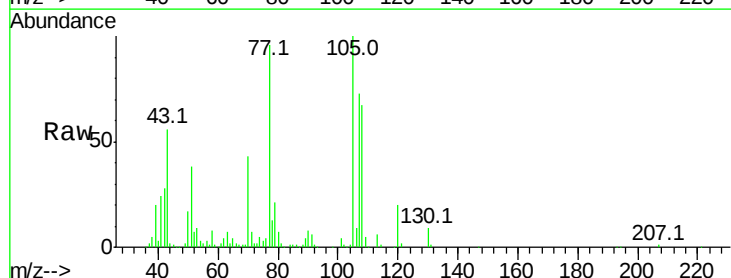
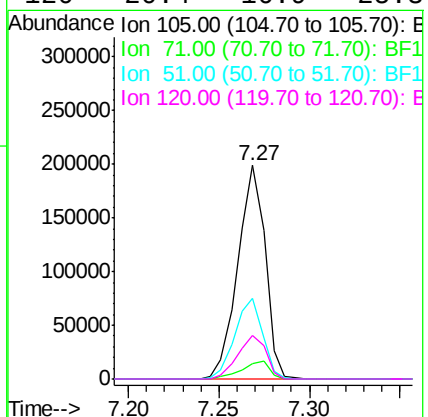
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#22
Acetophenone
Concen: 37.780 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6	
51	37.6	22.3	33.5	
120	20.4	16.9	25.3	





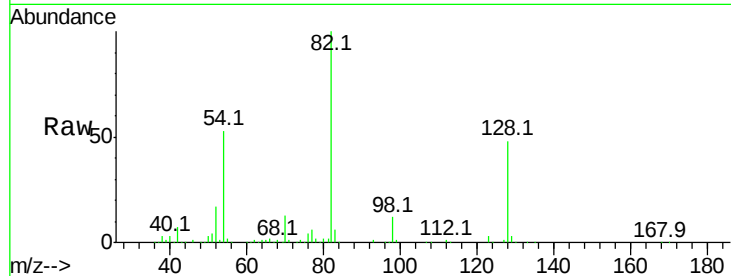
#23
Nitrobenzene-d5
Concen: 90.001 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

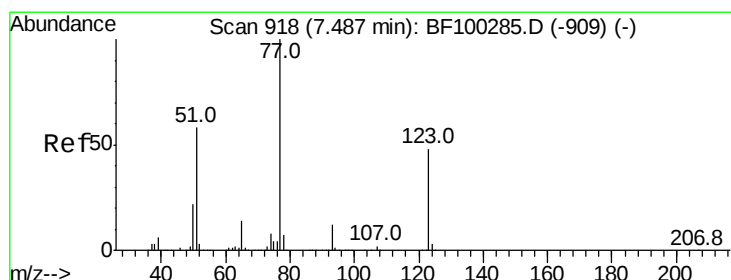
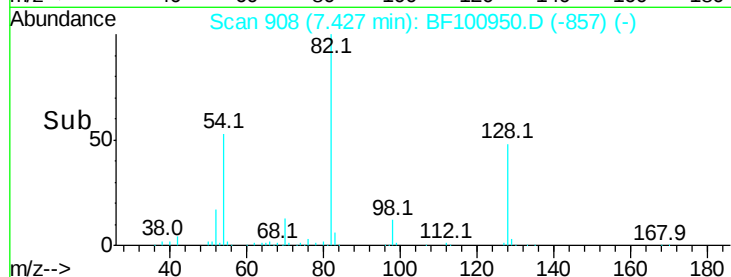
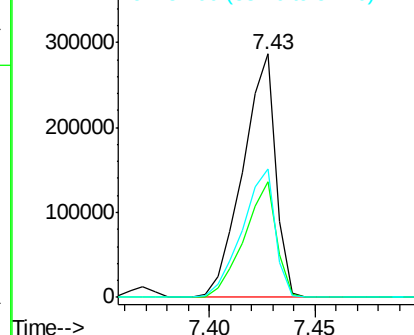
Tot Ion	Ratio	Resp	Lower	Upper
82	100	309051		
128	47.6	36.1	54.1	
54	52.7	41.4	62.2	

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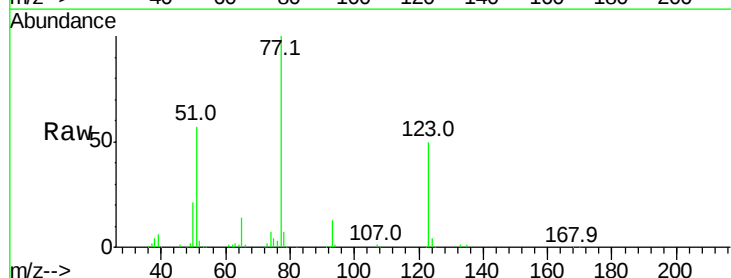


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

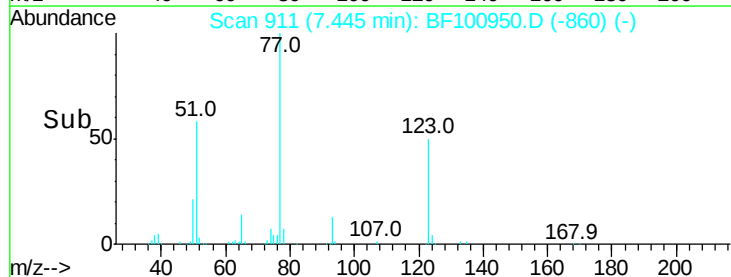
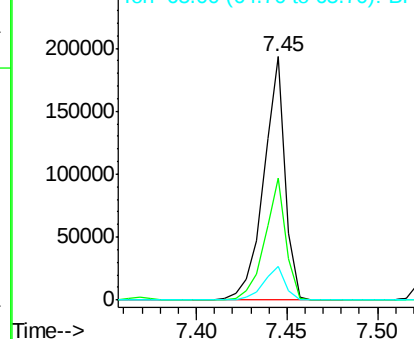


#24
Nitrobenzene
Concen: 44.949 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	158862		
123	50.1	37.9	56.9	
65	13.6	11.0	16.4	



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: 39.740 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

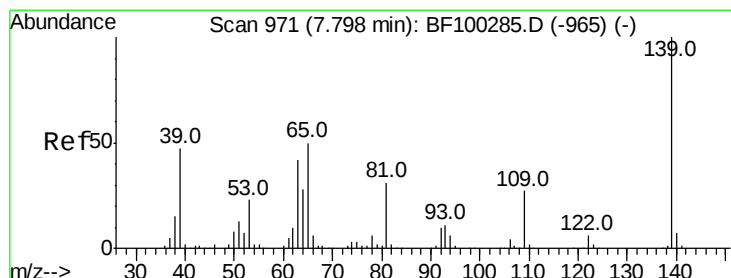
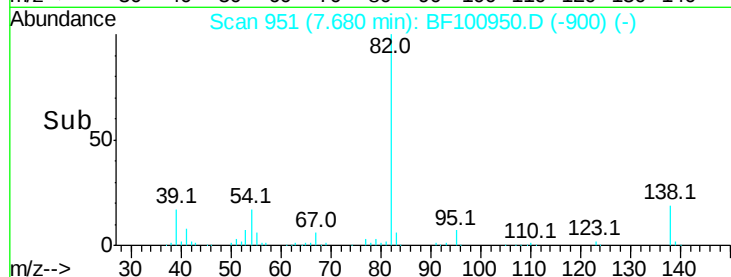
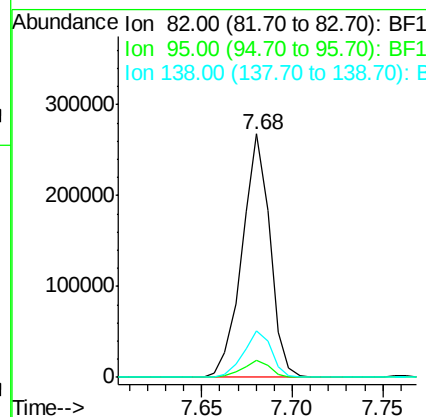
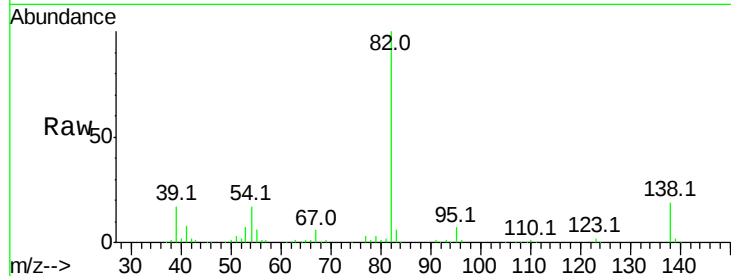
ClientSampleId :

PB104562BS

Tot Ion:	82	Resp:	286765
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	19.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 47.738 ng

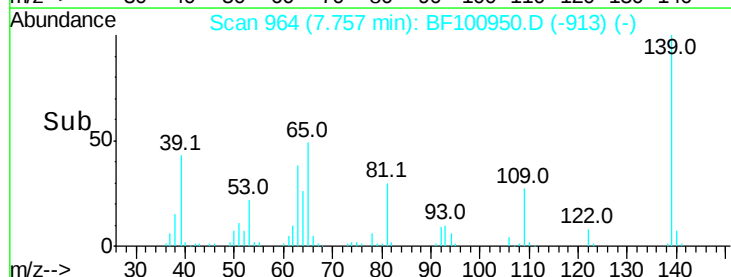
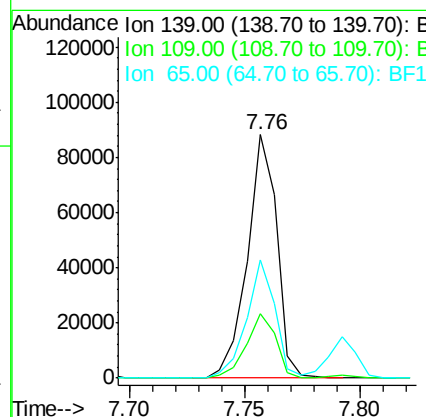
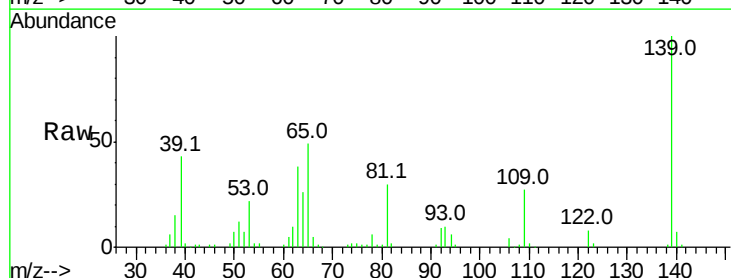
RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	139	Resp:	79051
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.7	34.1
65	48.6	40.5	60.7





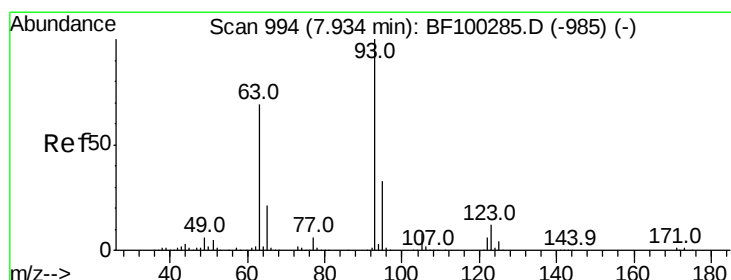
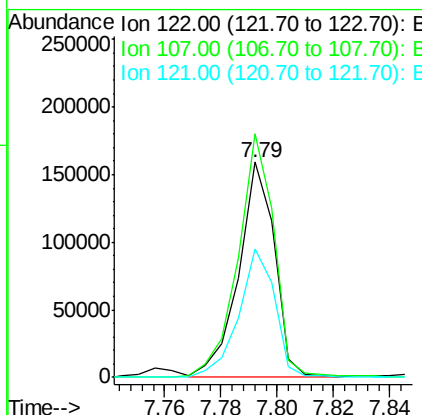
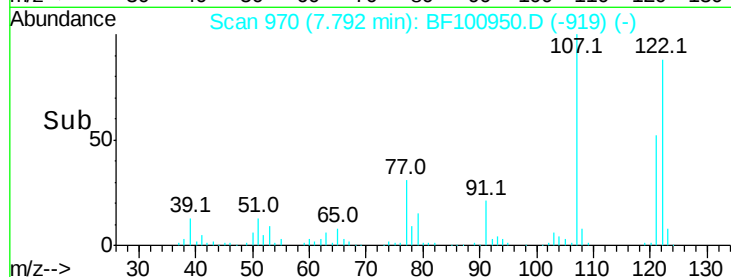
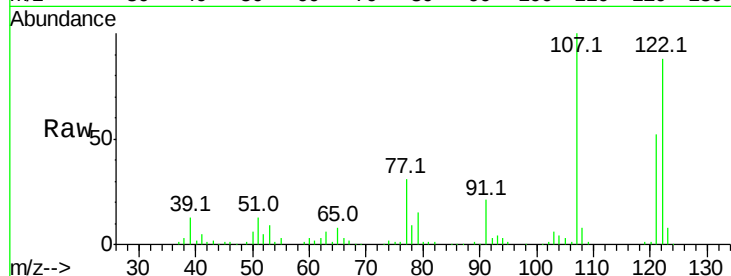
#27
2,4-Dimethylphenol
Concen: 42.783 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	138391		
107	113.1	91.2	136.8	
121	59.3	47.2	70.8	

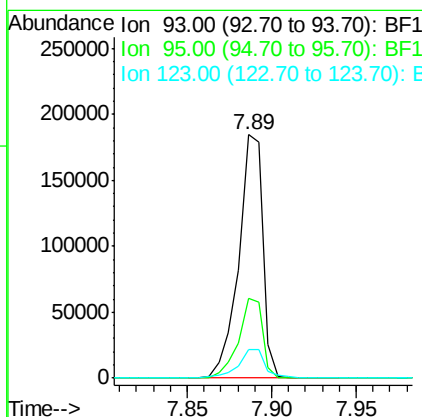
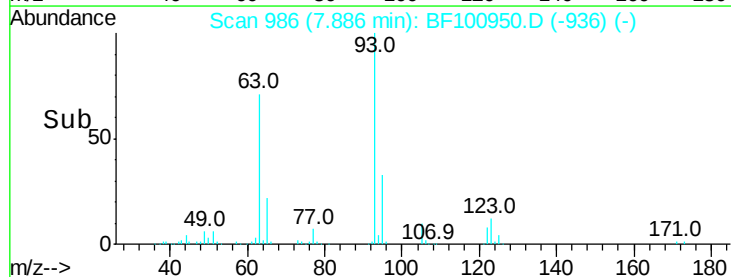
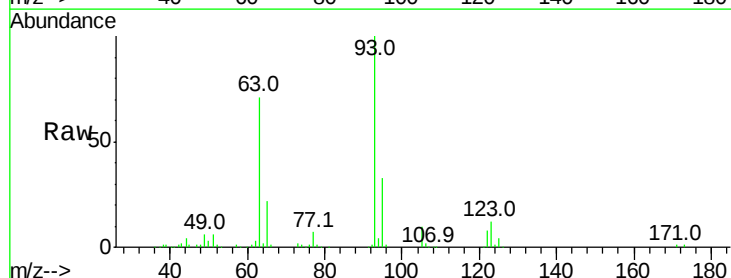
Manual Integrations
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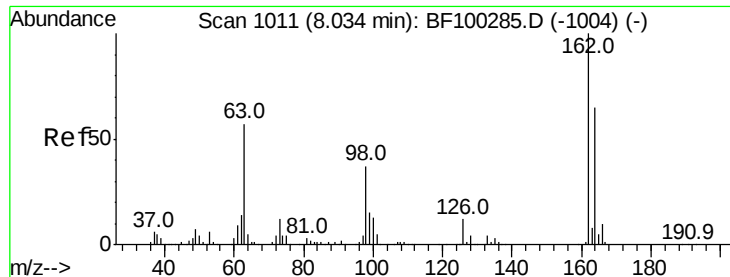
Sohil
11/29/2017 4:29:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.020 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184177		
95	32.6	26.3	39.5	
123	11.6	9.8	14.6	





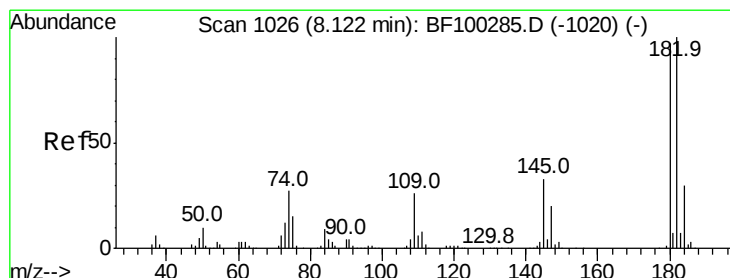
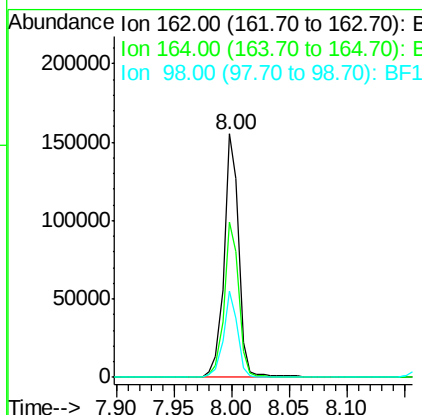
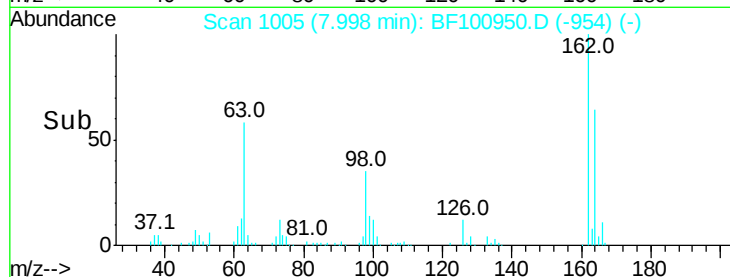
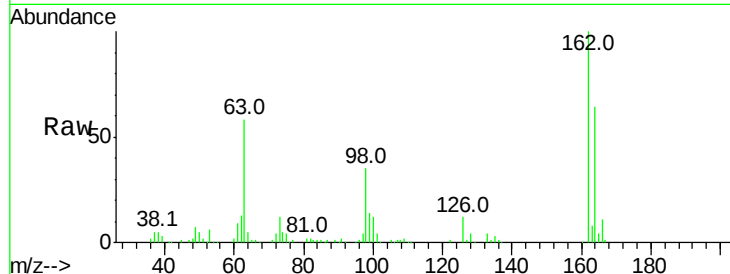
#29
2,4-Dichlorophenol
Concen: 44.541 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	137544		
164	63.9	42.7	82.7	
98	35.2	18.1	58.1	

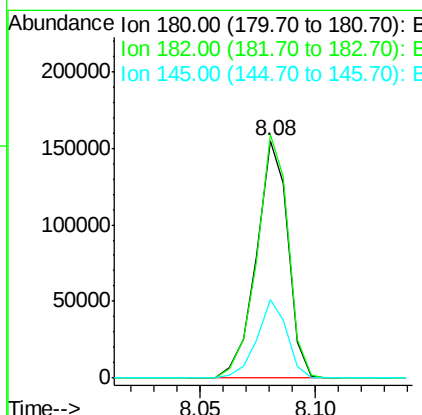
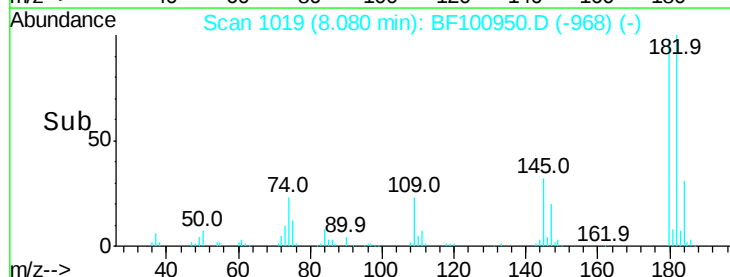
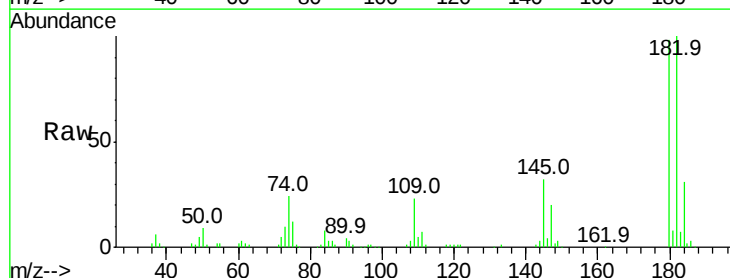
Manual Integrations
APPROVED

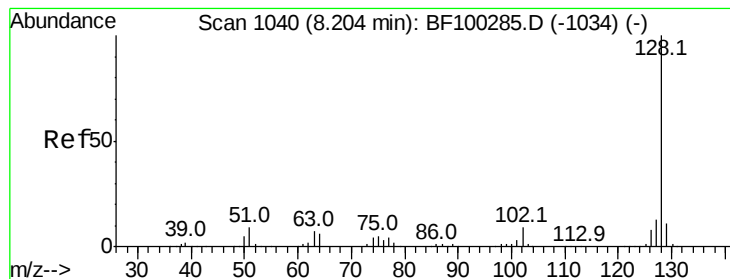
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 44.238 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147771		
182	102.4	76.8	115.2	
145	32.8	26.5	39.7	





#31

Naphthalene

Concen: 42.051 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

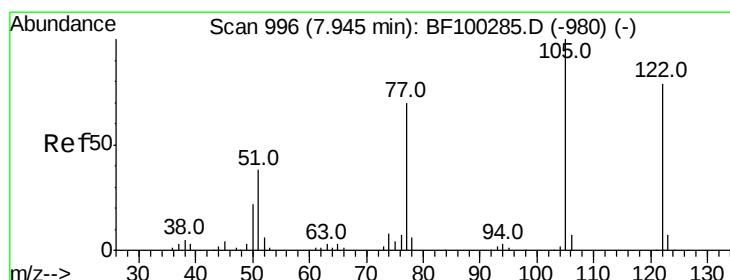
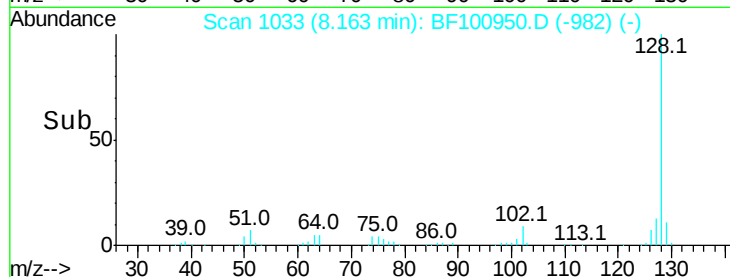
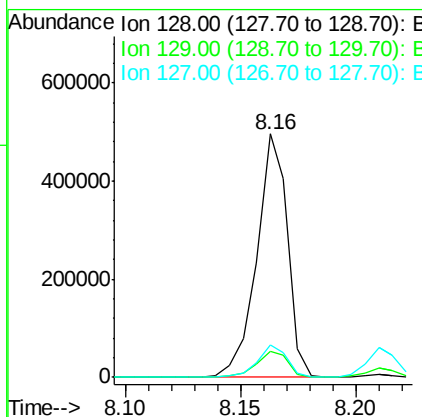
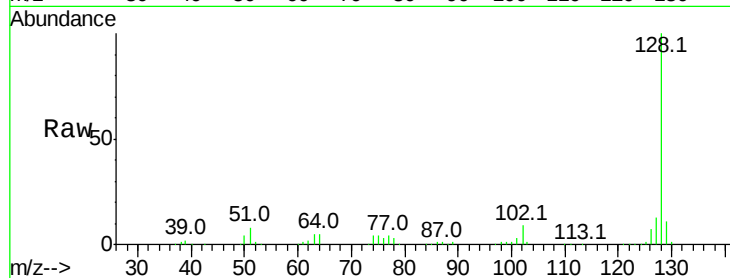
ClientSampleId :

PB104562BS

Tot Ion:	128	Resp:	459817
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 32.800 ng m

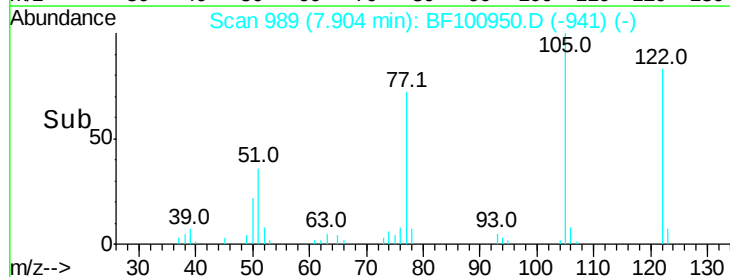
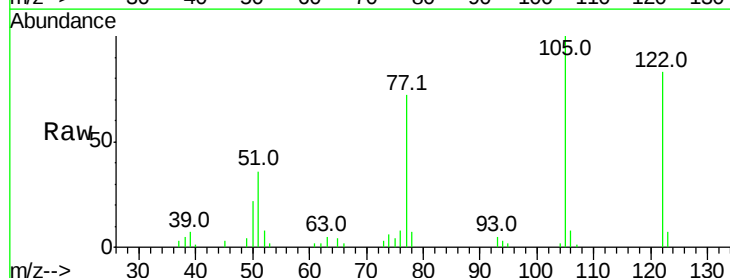
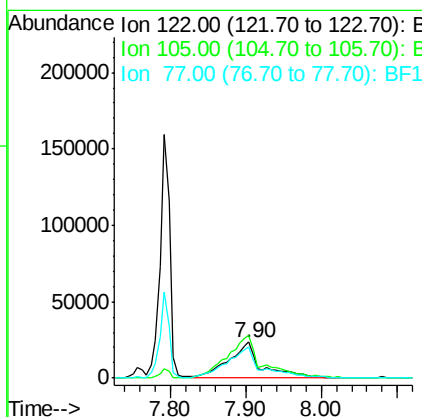
RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	122	Resp:	72113
Ion Ratio	Lower	Upper	
122	100		
105	120.5	101.1	141.1
77	86.5	70.7	110.7





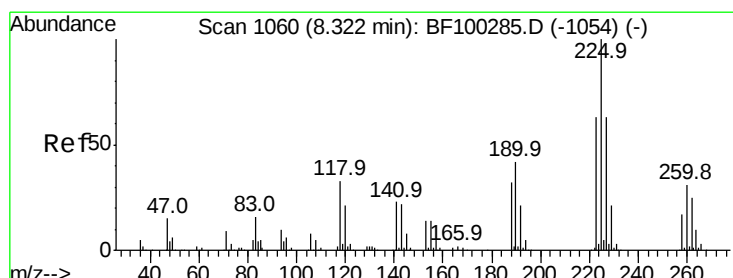
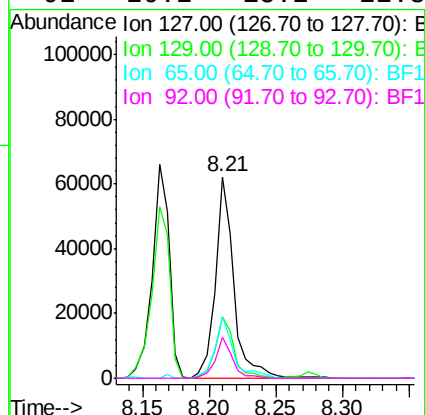
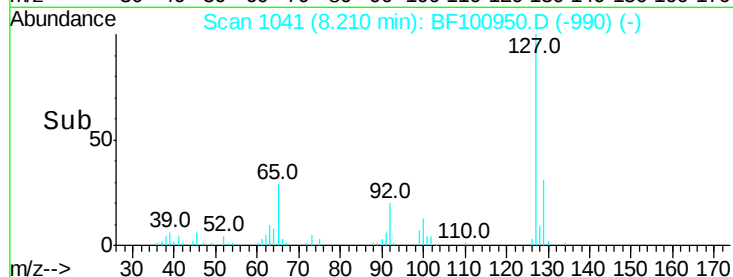
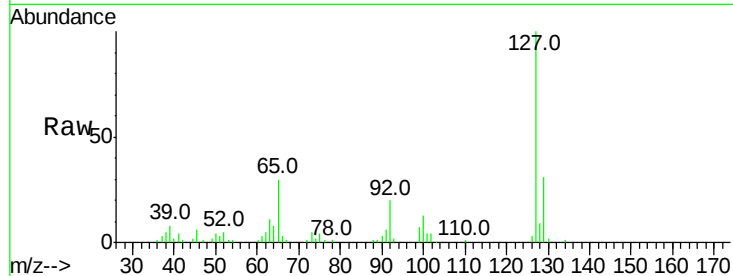
#33
4-Chloroaniline
Concen: 13.393 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	30.3	25.0	37.4
92	20.2	15.2	22.8

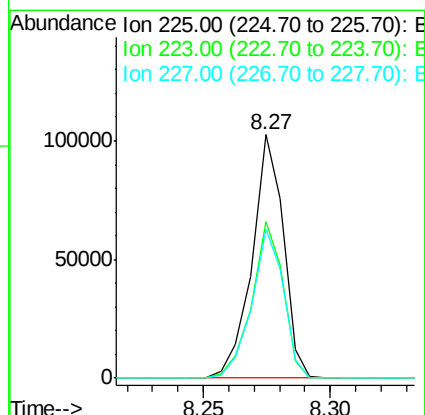
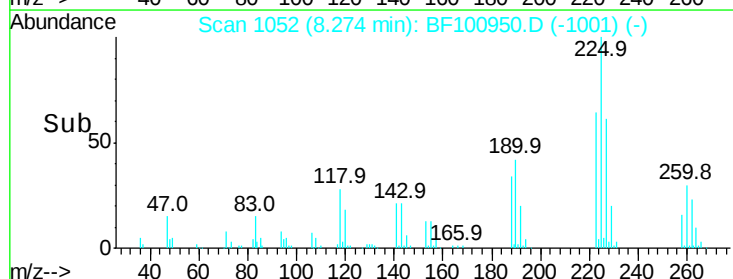
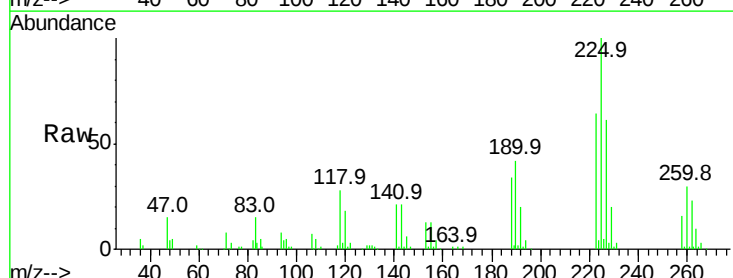
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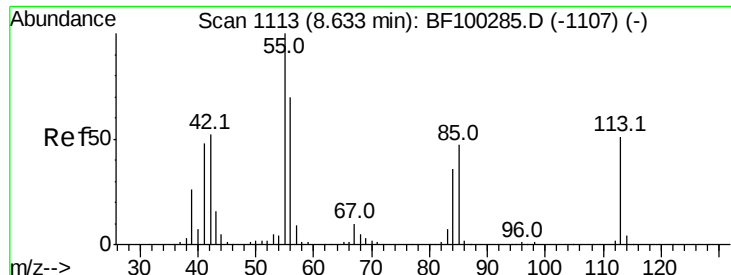
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#34
Hexachlorobutadiene
Concen: 44.540 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	61.1	51.9	77.9





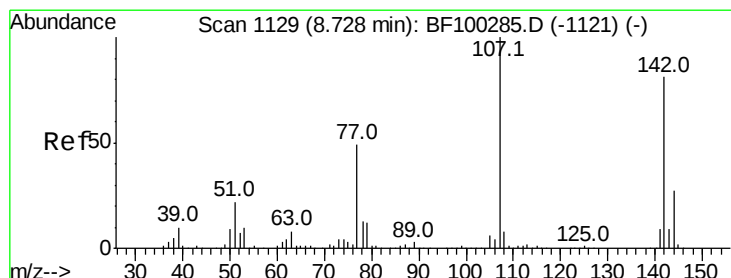
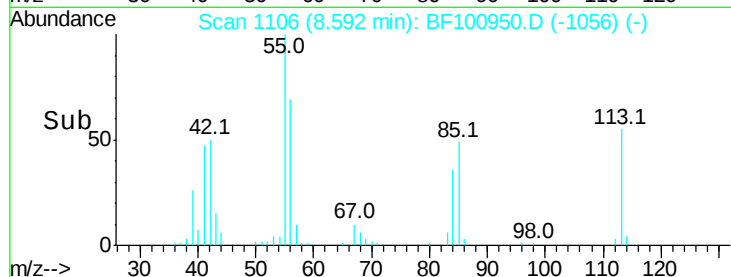
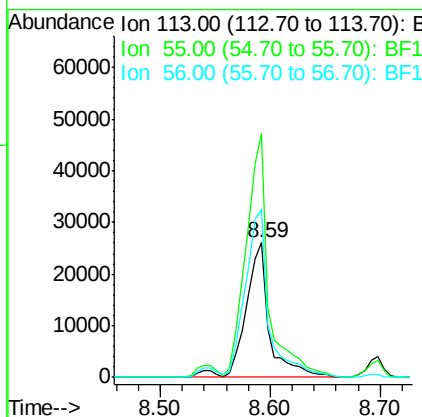
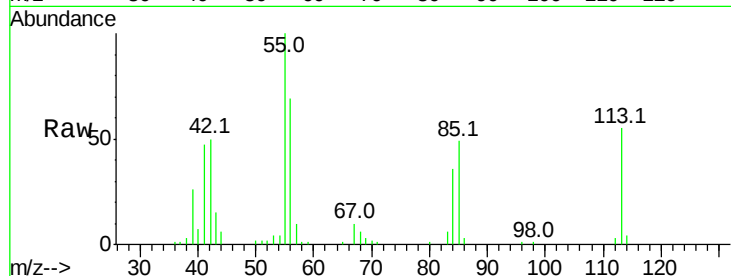
#35
 Caprolactam
 Concen: 37.056 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.1	163.3	203.3
56	125.1	115.7	155.7

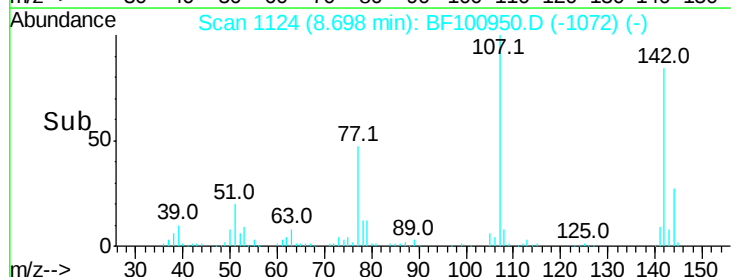
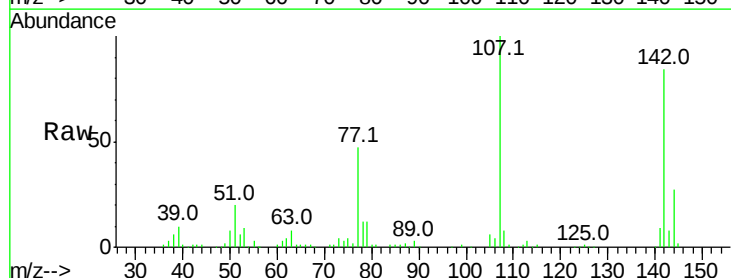
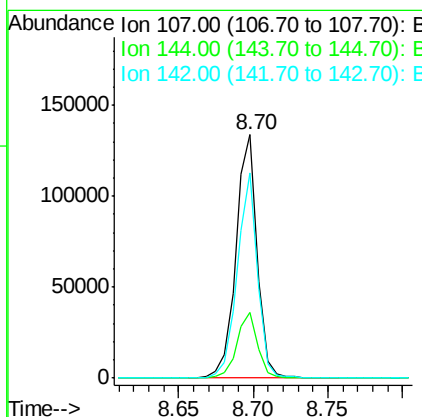
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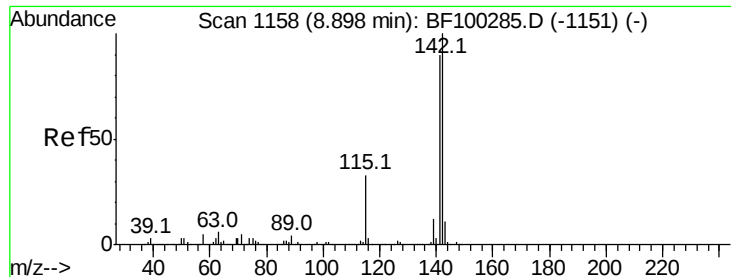
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#36
 4-Chloro-3-methylphenol
 Concen: 40.154 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	84.2	62.0	93.0





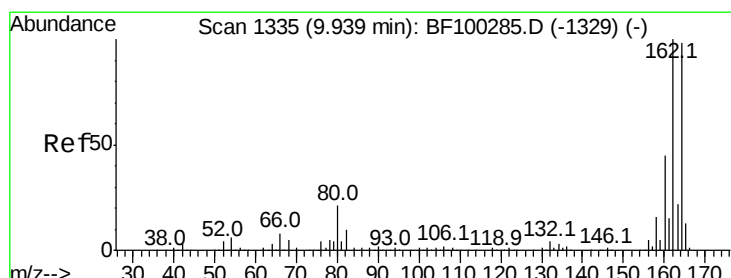
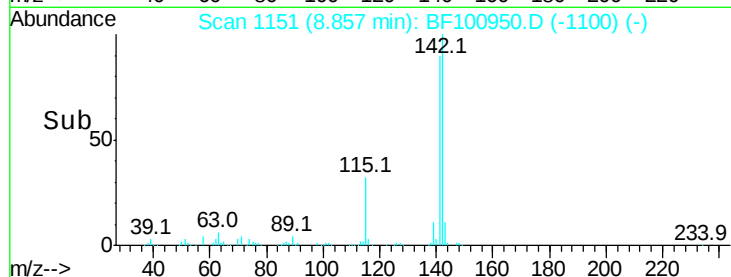
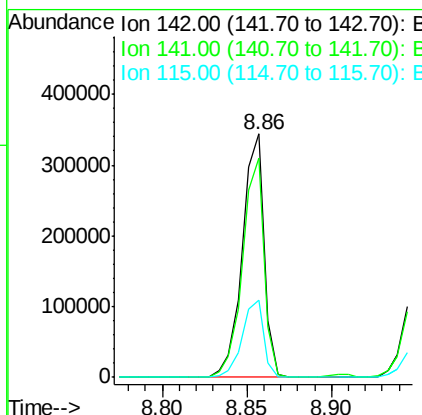
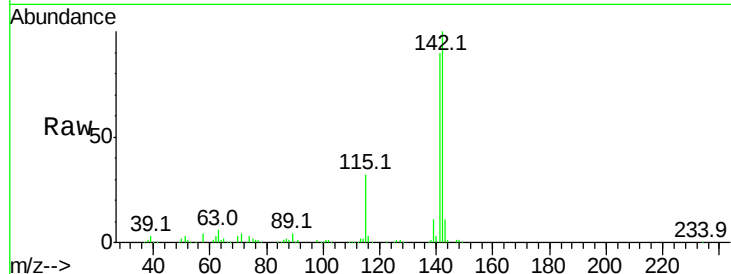
#37
2-Methylnaphthalene
Concen: 42.717 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	32.0	26.1	39.1

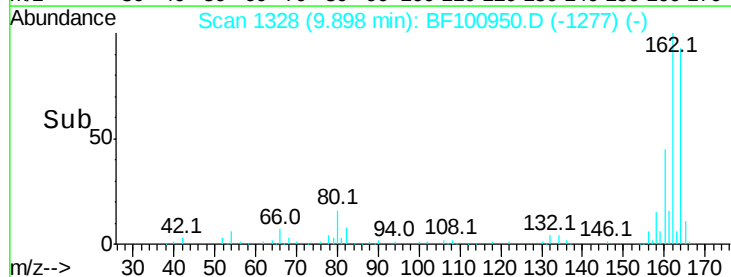
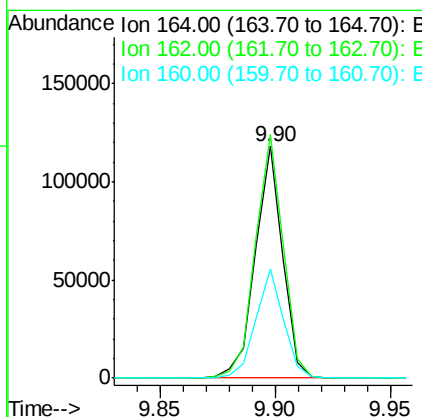
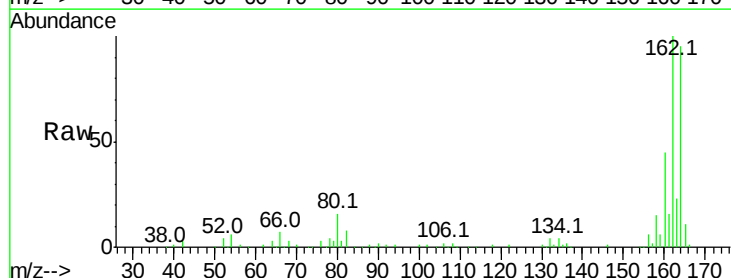
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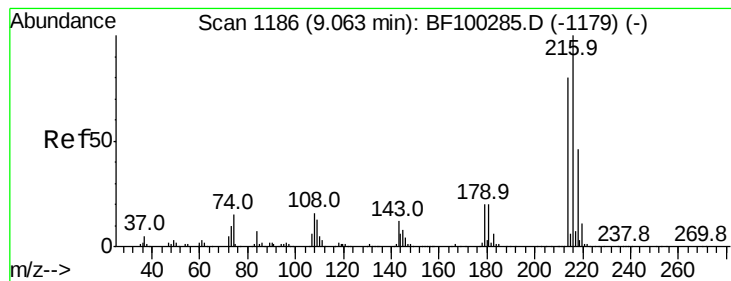
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.977 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

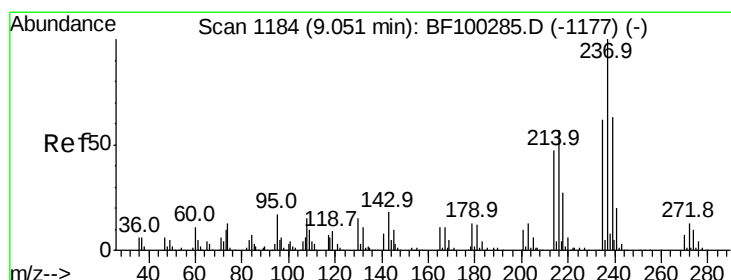
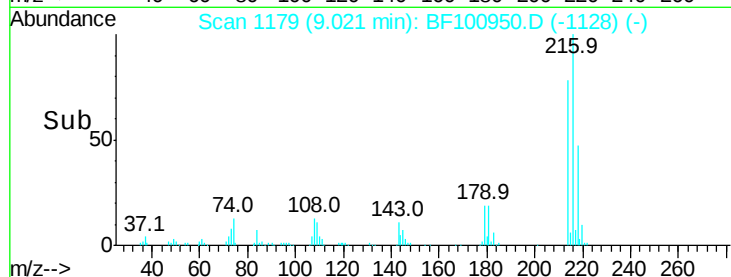
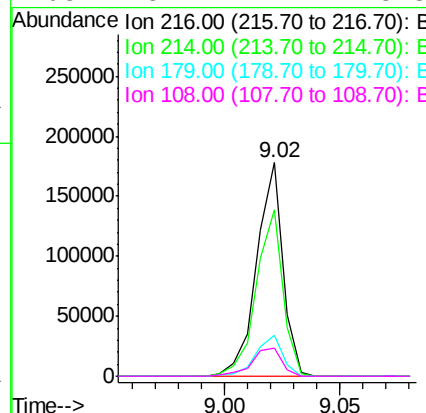
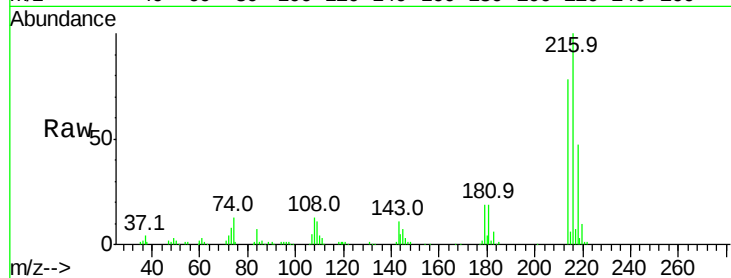
ClientSampleId :

PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	142227		
214	78.9	63.0	94.4	
179	19.9	18.1	27.1	
108	15.2	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 22.739 ng

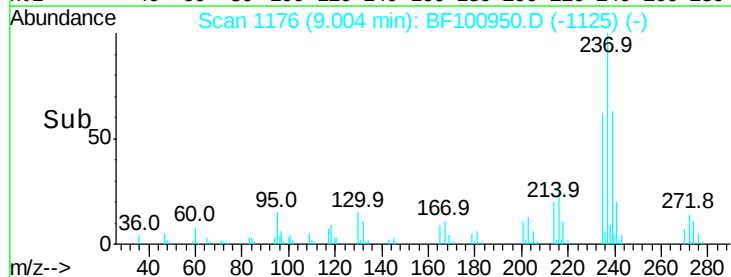
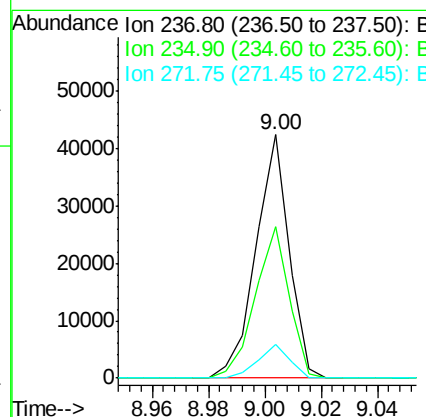
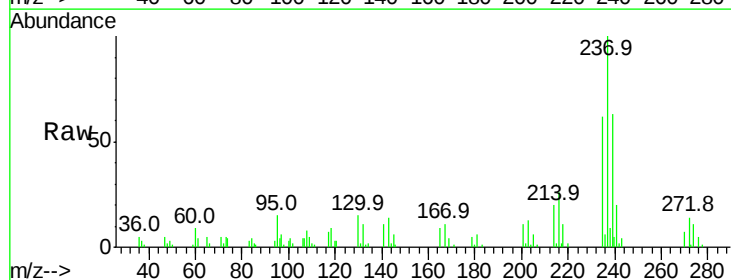
RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	34612		
235	62.5	44.8	84.8	
272	14.1	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 77.950 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

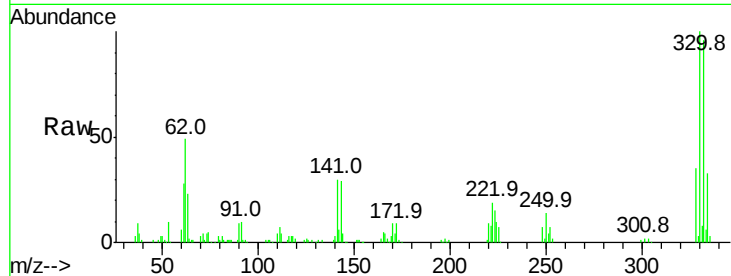
ClientSampleId :

PB104562BS

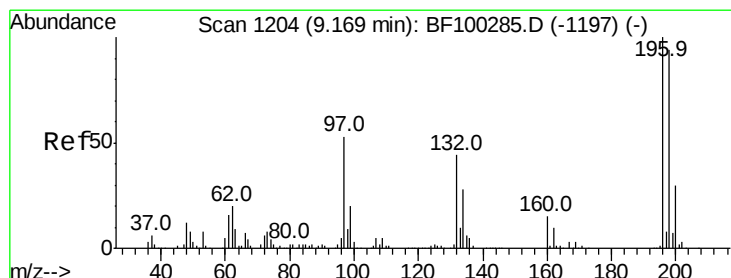
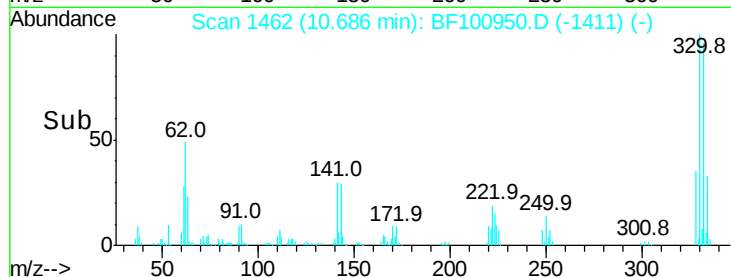
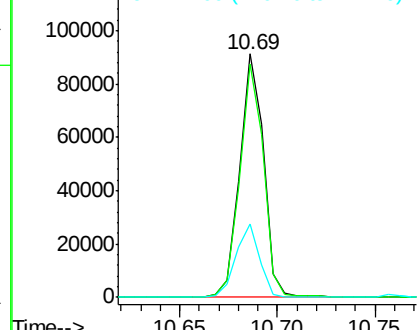
Tot Ion:	330	Resp:	77459
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.6
141	29.9	29.9	44.9

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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



#42

2,4,6-Trichlorophenol

Concen: 46.656 ng

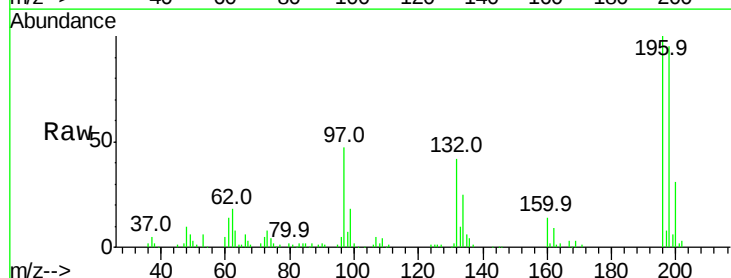
RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

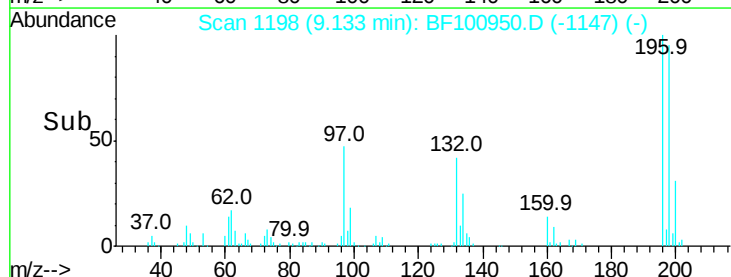
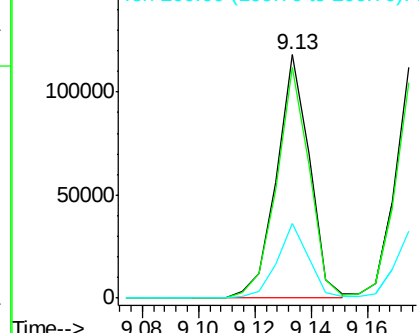
Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	196	Resp:	95633
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
200	30.8	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





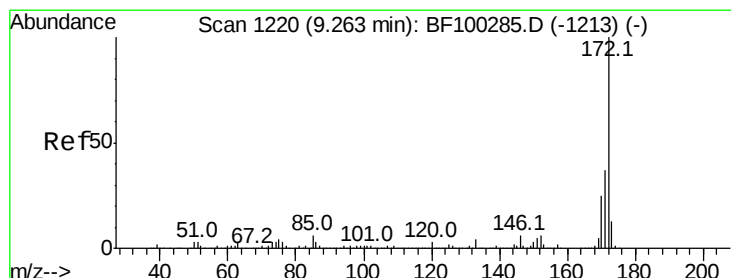
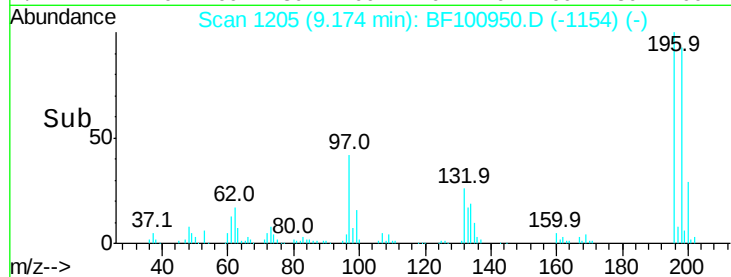
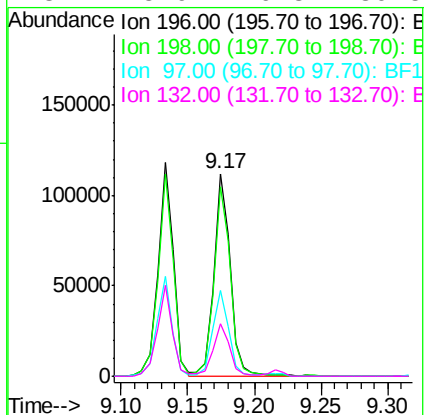
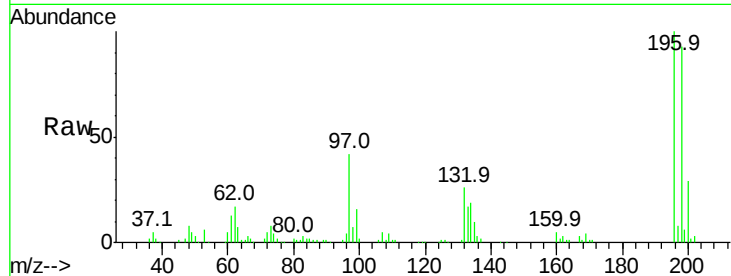
#43
 2,4,5-Trichlorophenol
 Concen: 45.844 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	196	Resp	97359
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.6	112.0
97	42.1	42.9	64.3#
132	25.9	26.3	39.5#

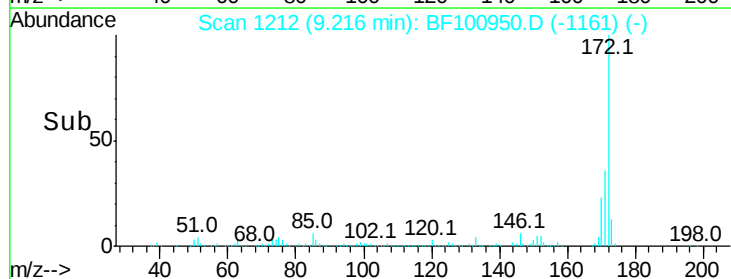
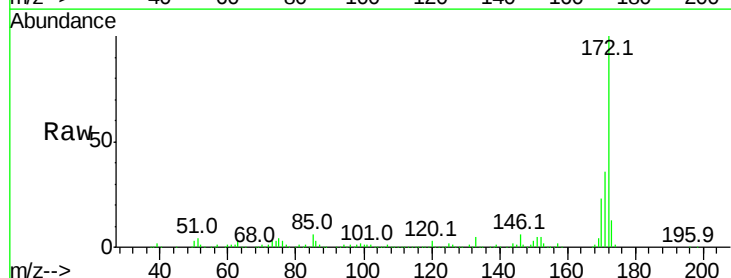
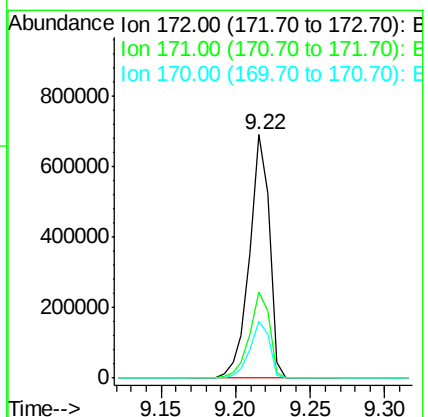
Manual Integrations
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 11/29/2017 4:29:12 PM



#44
 2-Fluorobiphenyl
 Concen: 99.255 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	172	Resp	635647
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.464 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

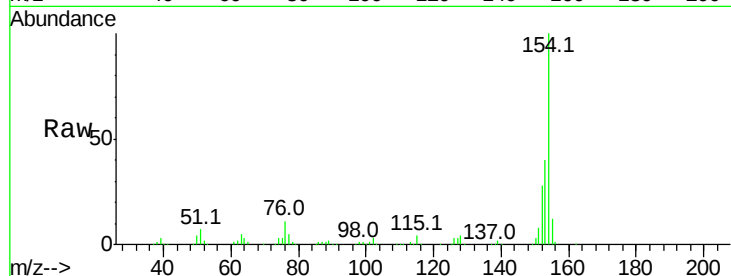
ClientSampled :

PB104562BS

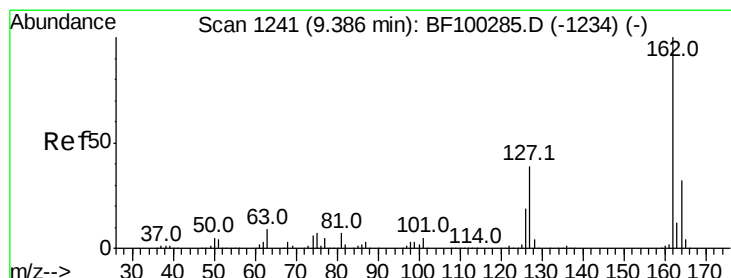
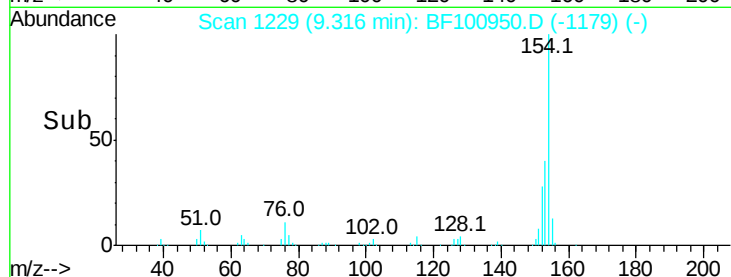
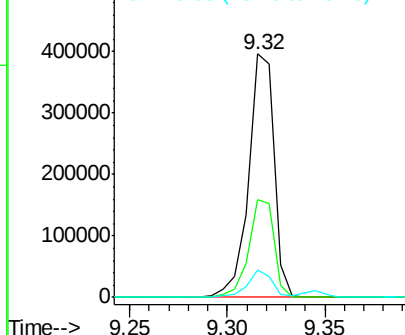
Tot Ion:	154	Resp:	358148
Ion Ratio	Lower	Upper	
154	100		
153	39.9	21.3	61.3
76	11.4	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.955 ng

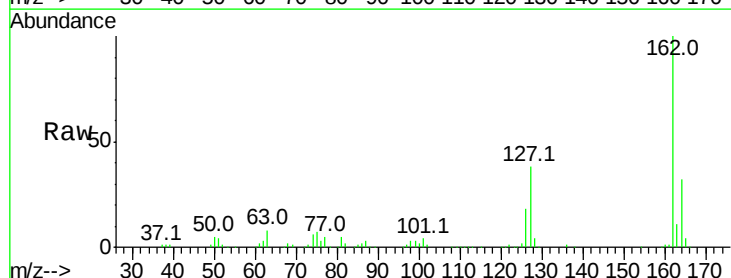
RT: 9.34 min Scan# 1234

Delta R.T. -0.00 min

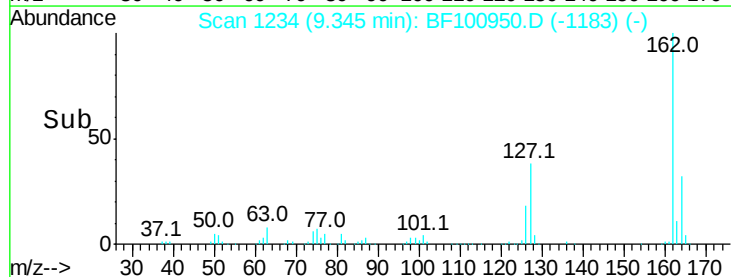
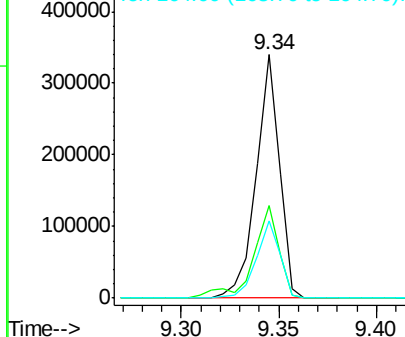
Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	162	Resp:	281184
Ion Ratio	Lower	Upper	
162	100		
127	38.0	33.9	50.9
164	31.9	26.5	39.7



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





#47

2-Nitroaniline

Concen: 44.438 ng

RT: 9.44 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

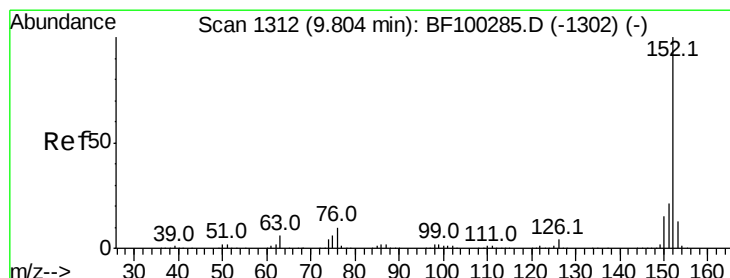
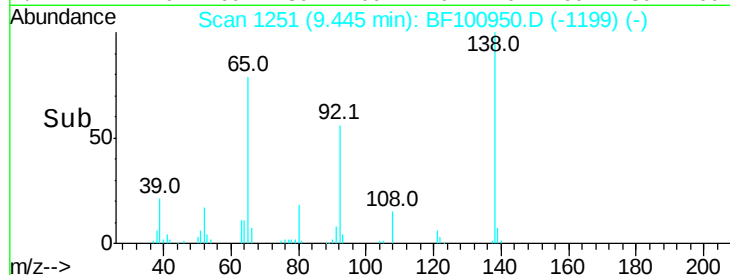
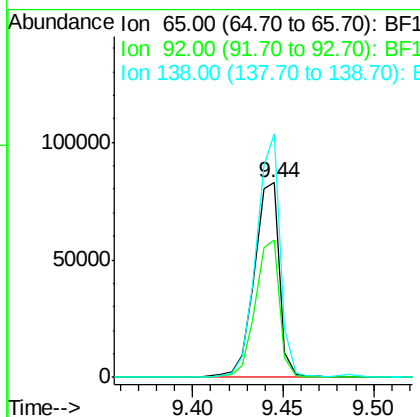
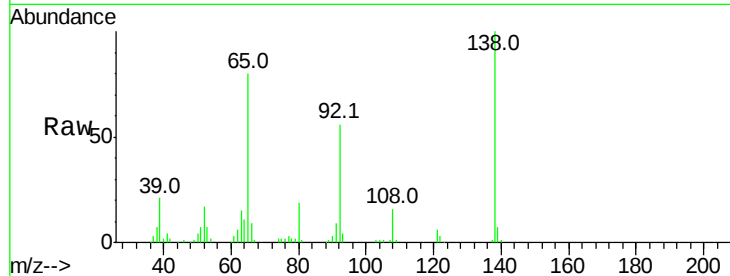
ClientSampleId :

PB104562BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	125.1	91.2	136.8

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#48

Acenaphthylene

Concen: 41.406 ng

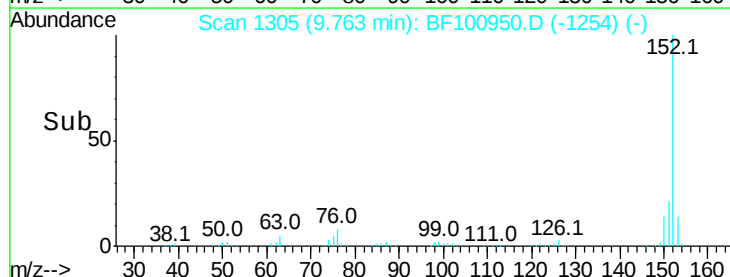
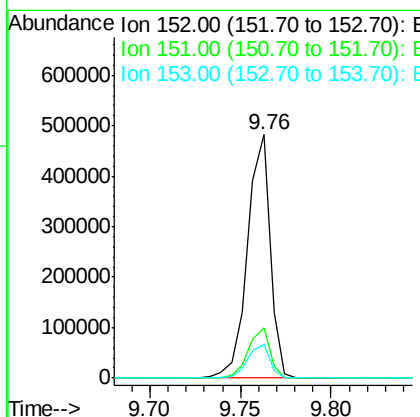
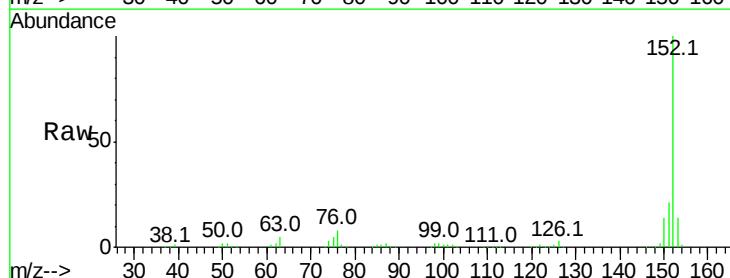
RT: 9.76 min Scan# 1305

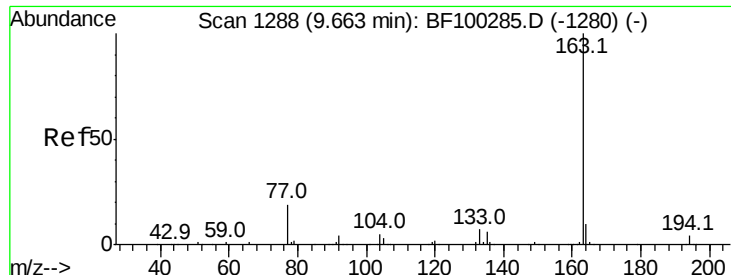
Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.6	10.7	16.1





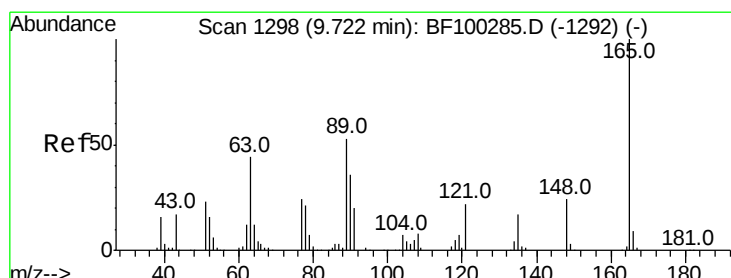
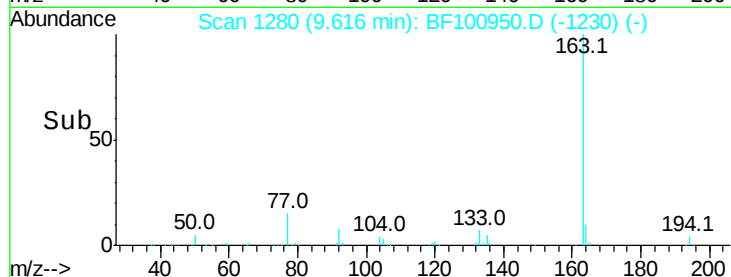
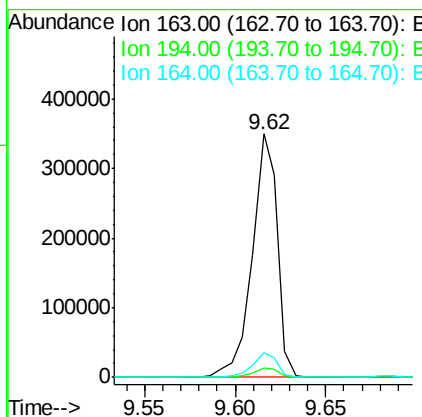
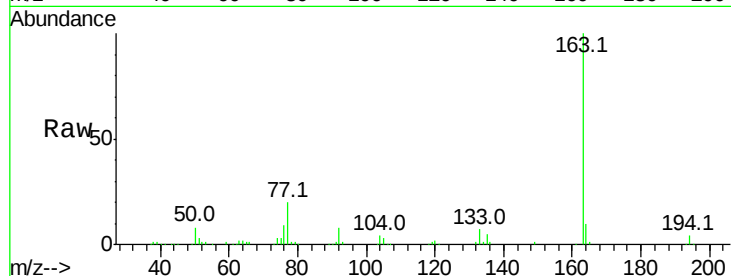
#49
Dimethylphthalate
Concen: 44.957 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.3	8.2	12.2	

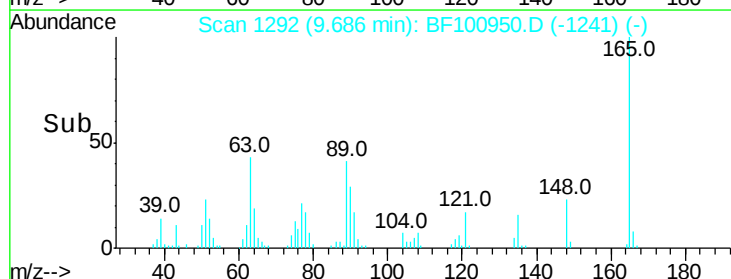
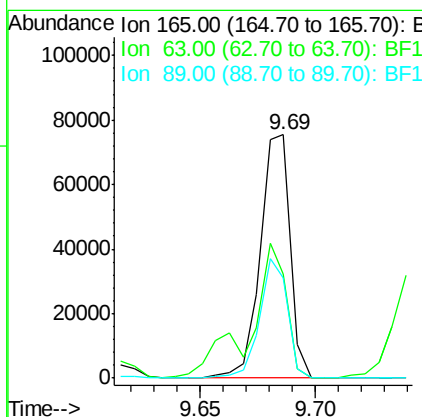
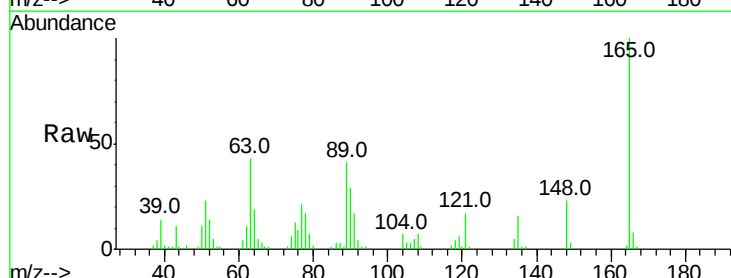
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 46.396 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.8	44.7	67.1#	
89	41.0	44.0	66.0#	





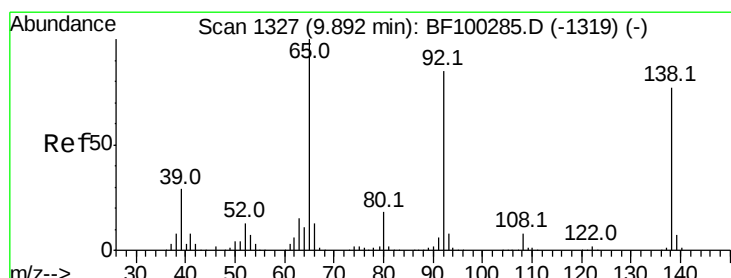
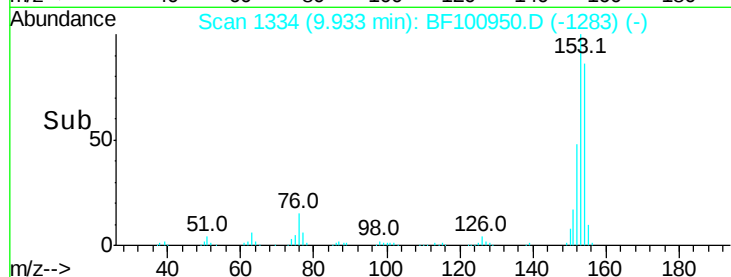
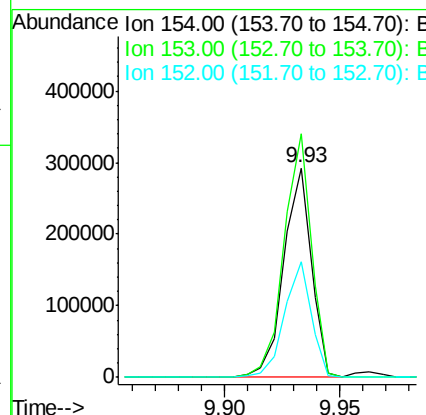
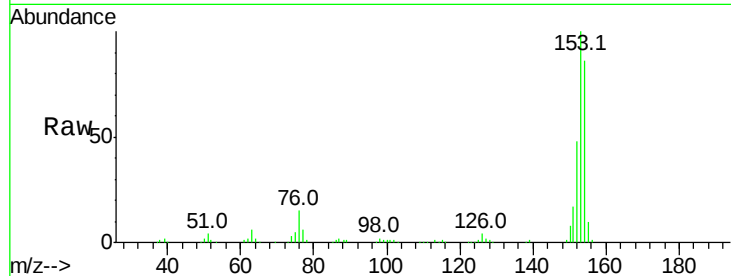
#51
Acenaphthene
Concen: 39.382 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.2	136.8
152	55.4	43.8	65.8

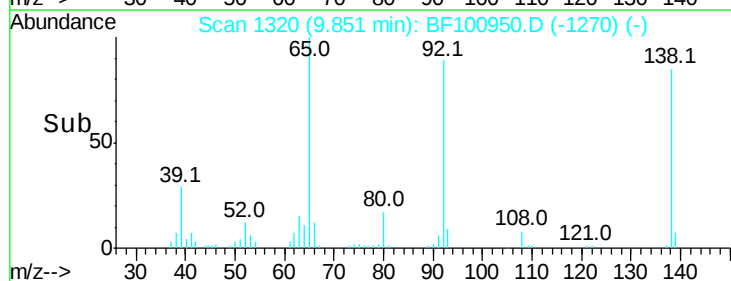
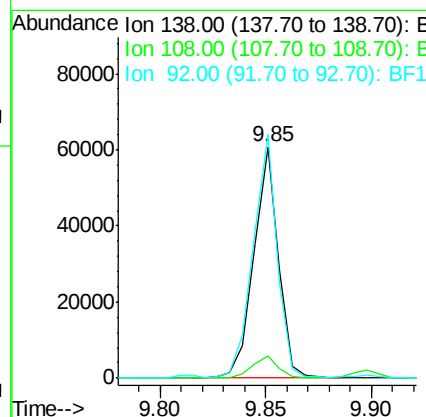
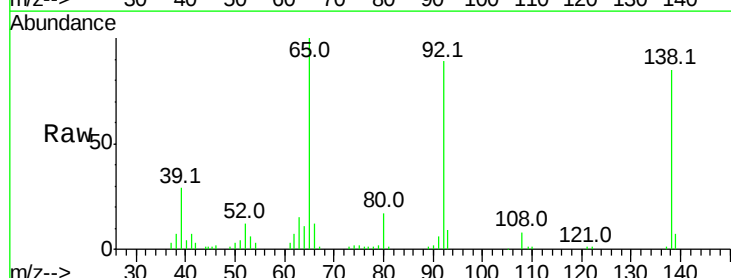
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#52
3-Nitroaniline
Concen: 28.284 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	105.4	89.4	134.2





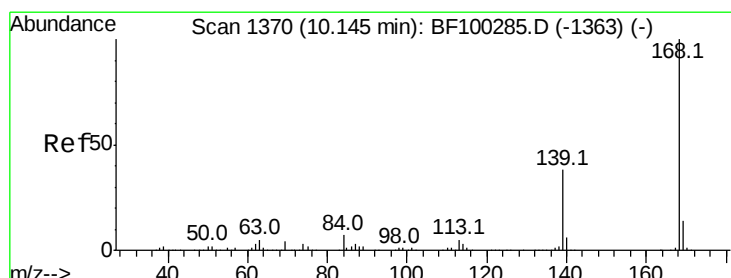
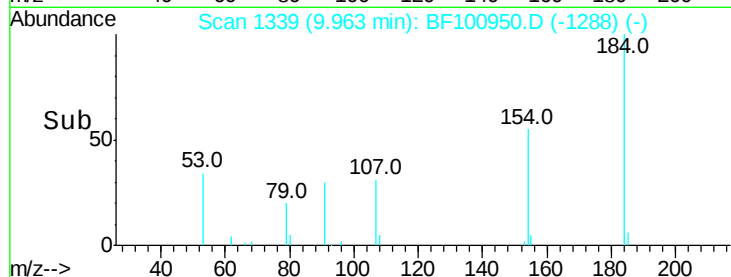
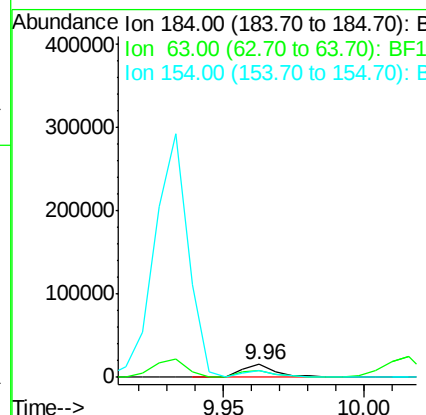
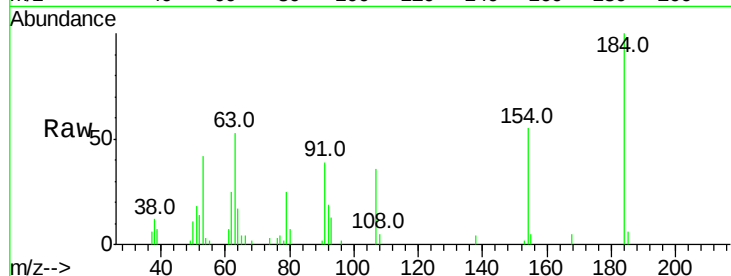
#53
2,4-Dinitrophenol
Concen: 33.164 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.8	54.2	81.2#
154	54.9	184.0	276.0#

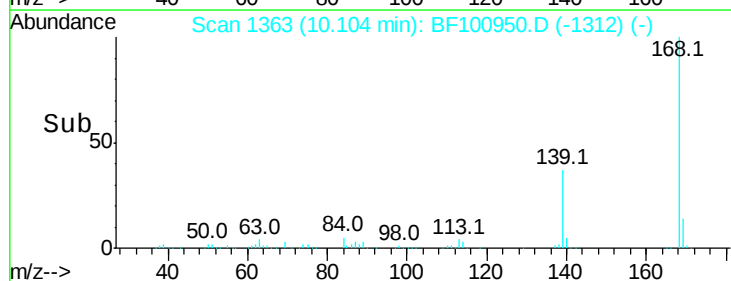
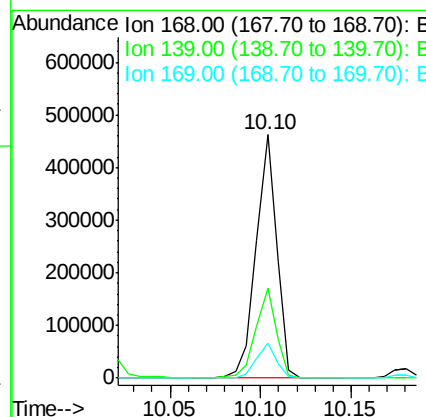
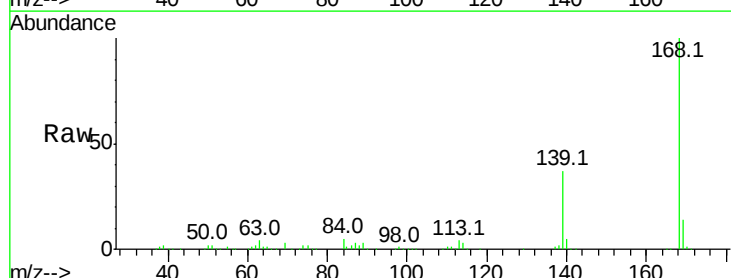
Manual Integrations
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#54
Dibenzofuran
Concen: 42.572 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	14.3	10.9	16.3





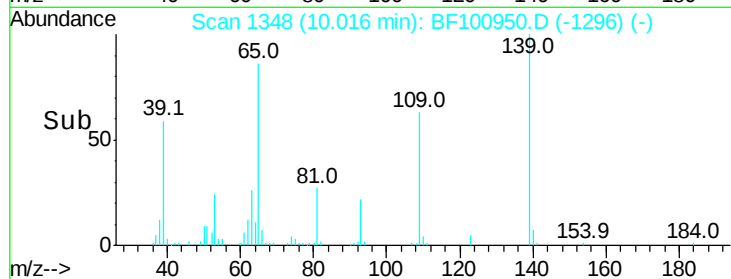
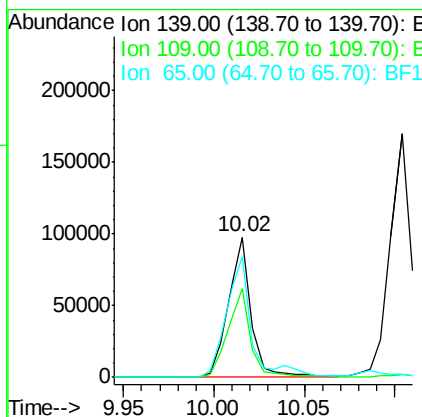
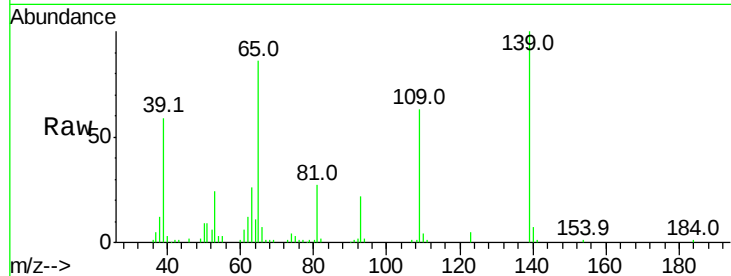
#55
4-Nitrophenol
Concen: 61.275 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	86589		
109	63.3	48.4	88.4	
65	86.5	72.6	112.6	

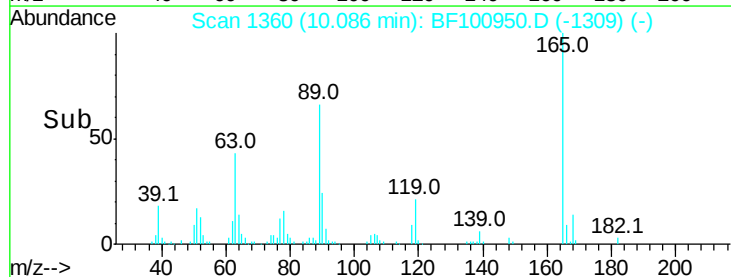
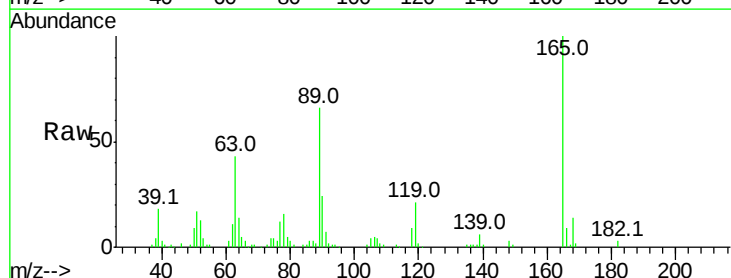
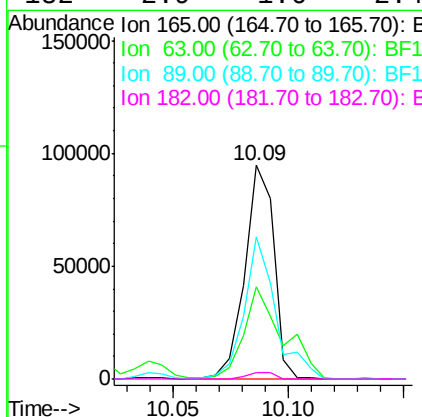
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#56
2,4-Dinitrotoluene
Concen: 45.125 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83900		
63	43.3	36.4	54.6	
89	66.4	57.8	86.6	
182	2.9	1.6	2.4	#





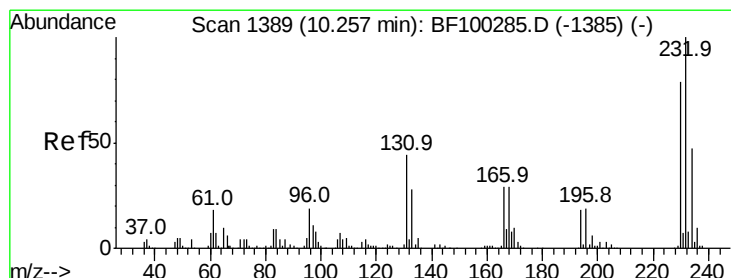
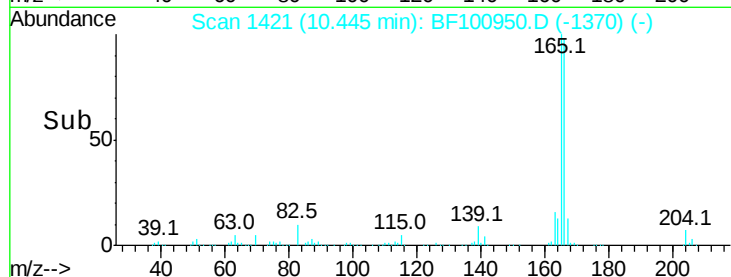
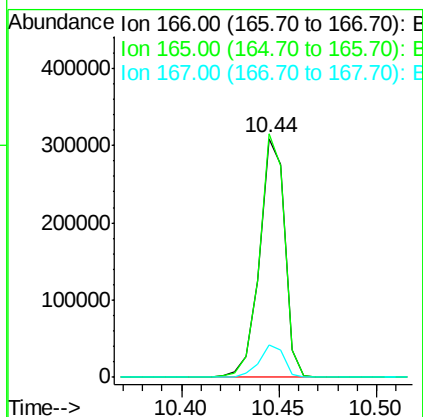
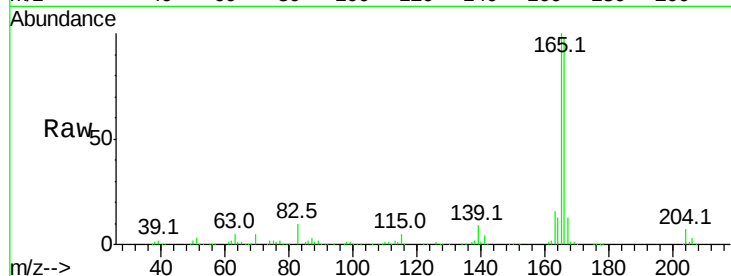
#57
 Fluorene
 Concen: 43.575 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.9	79.8	119.8	
167	13.7	10.6	16.0	

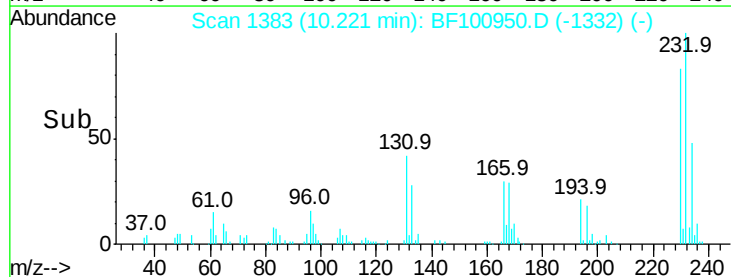
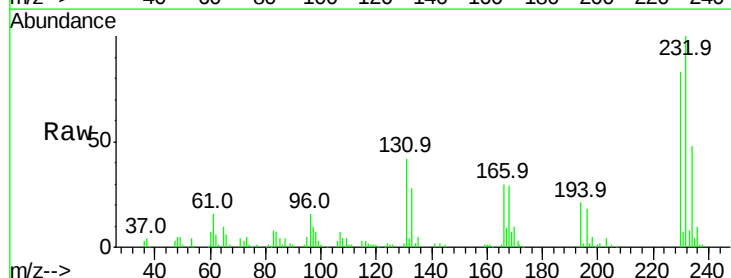
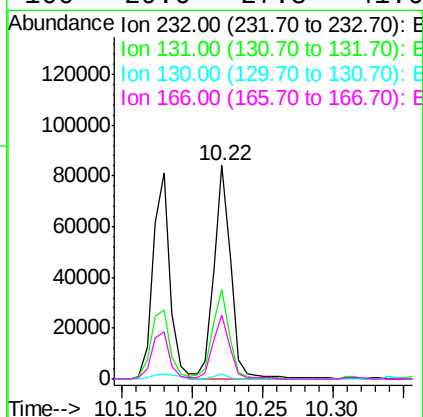
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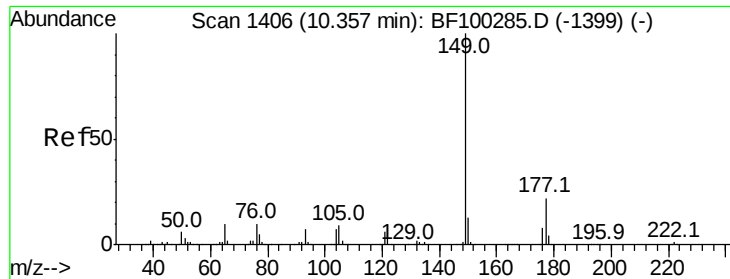
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.713 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.4	43.8	65.8#	
130	1.9	2.1	3.1#	
166	29.6	27.8	41.6	





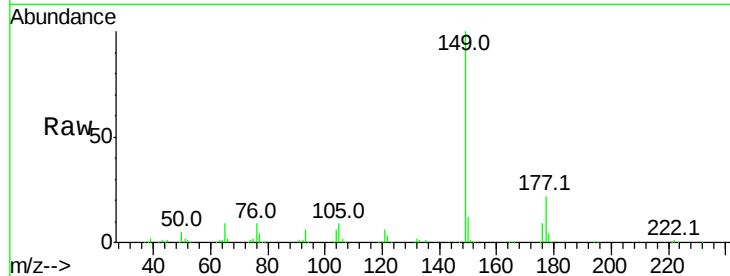
#59
Diethylphthalate
Concen: 42.417 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
PB104562BS

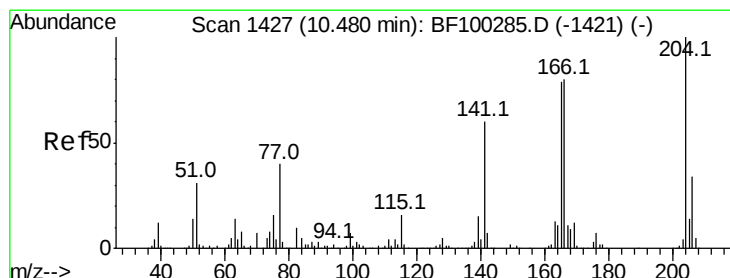
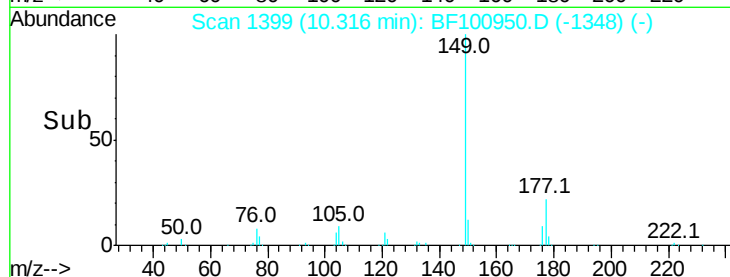
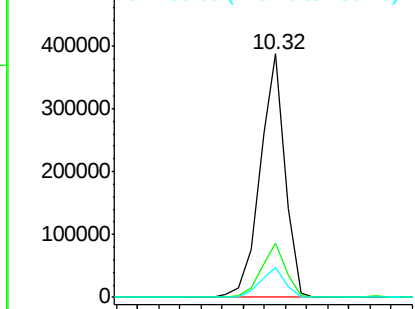
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.1	16.1	24.1	
150	12.5	10.1	15.1	

Manual Integrations
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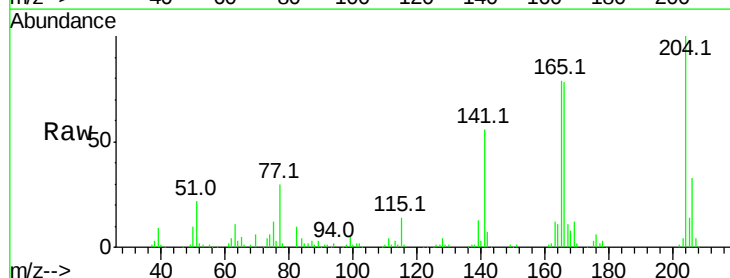


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

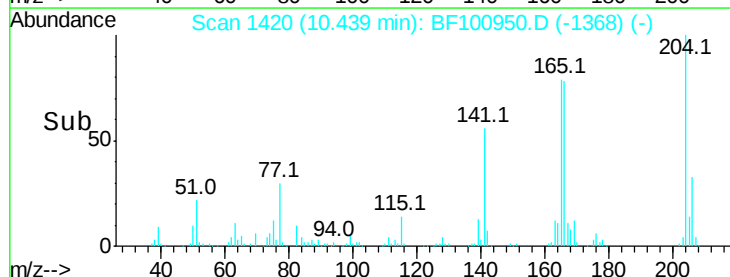
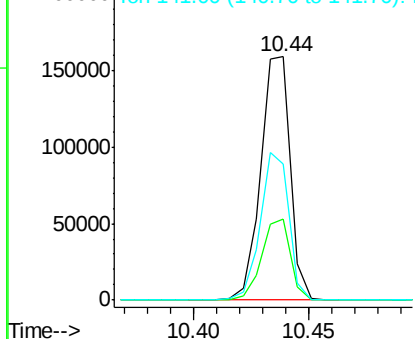


#60
4-Chlorophenyl-phenylether
Concen: 45.881 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.5	39.7	
141	55.6	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





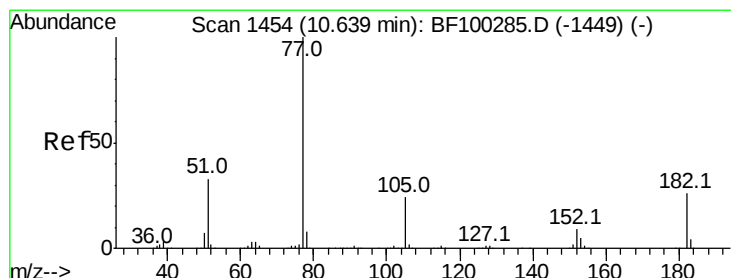
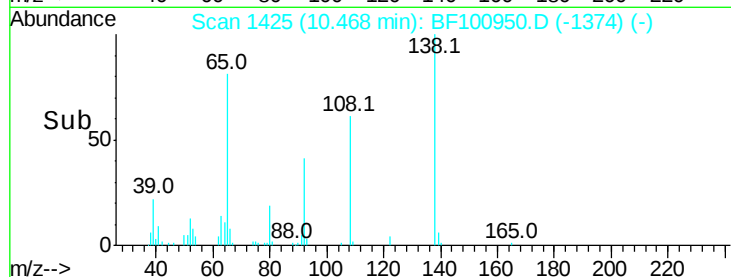
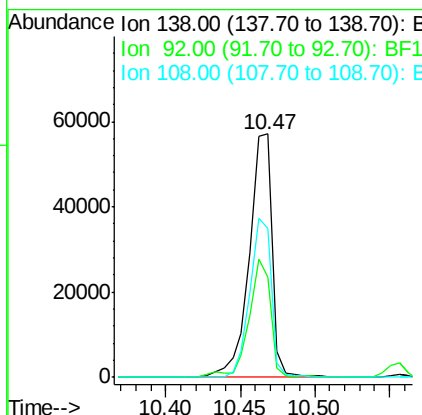
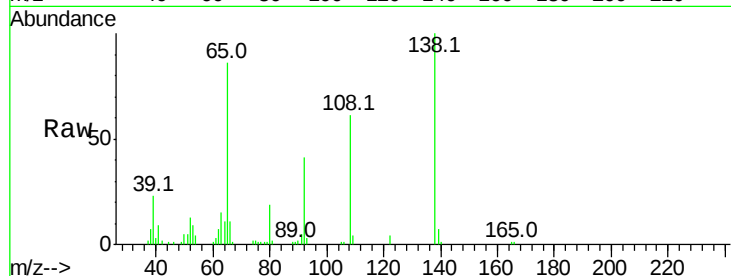
#61
4-Nitroaniline
Concen: 36.561 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.3	30.2	70.2
108	61.3	52.5	92.5

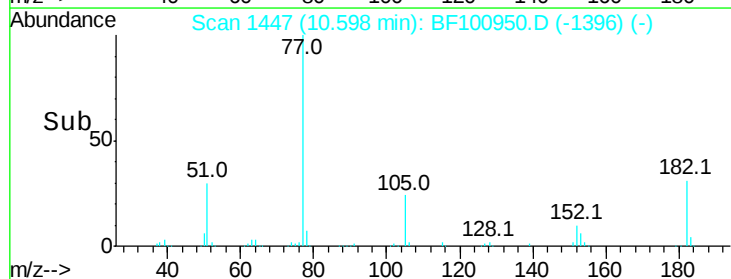
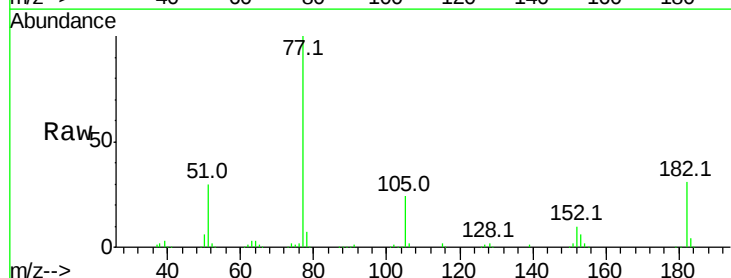
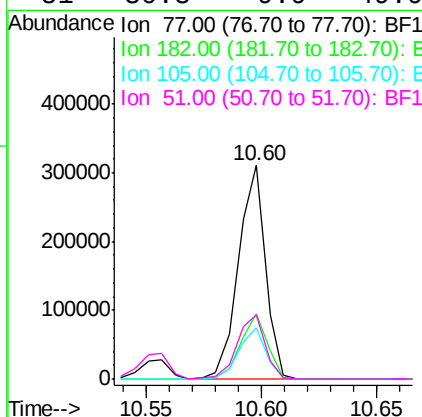
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#62
Azobenzene
Concen: 36.231 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.6	1.7	41.7
105	24.2	3.0	43.0
51	30.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

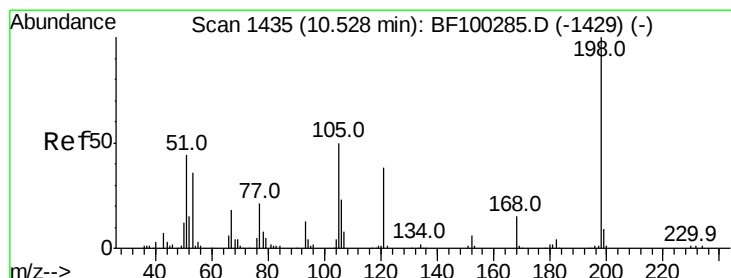
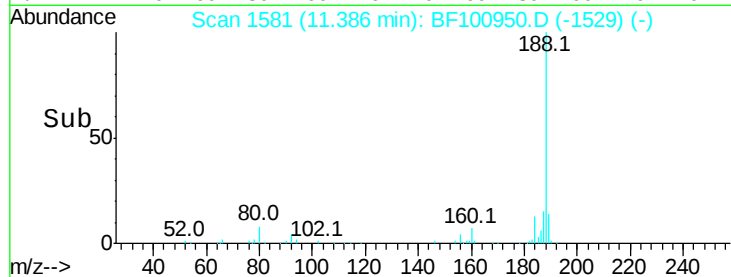
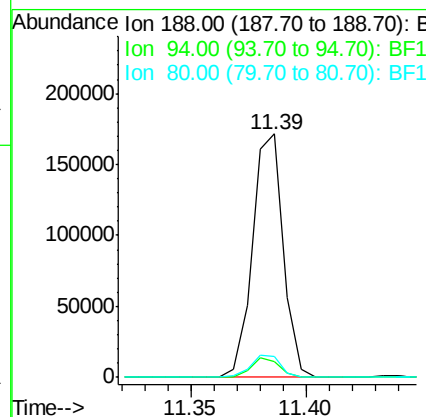
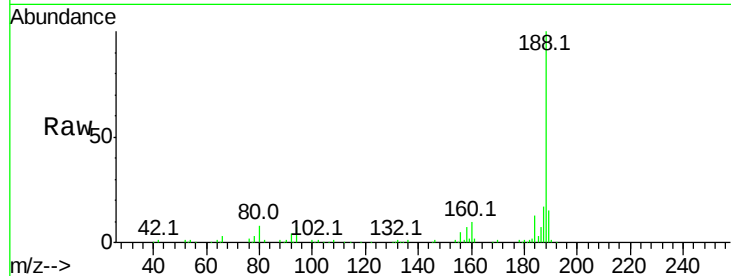
ClientSampleId :

PB104562BS

Tot Ion:	188	Resp:	159787
Ion Ratio	Lower	Upper	
188	100		
94	6.6	8.5	12.7#
80	8.3	9.2	13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 20.884 ng

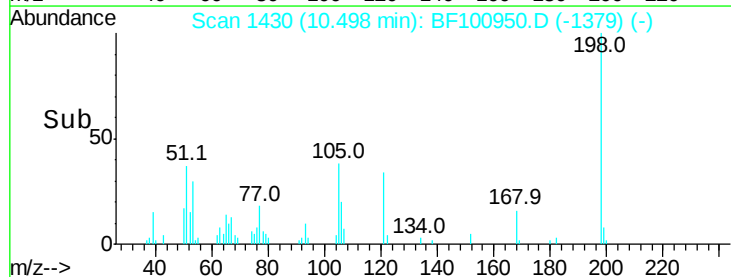
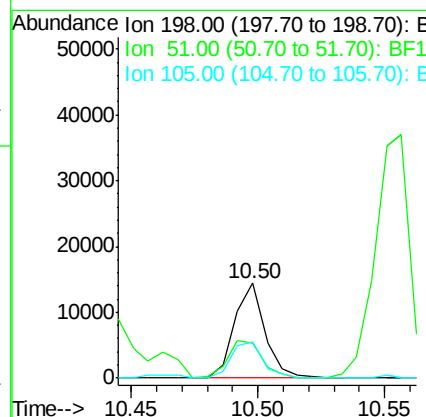
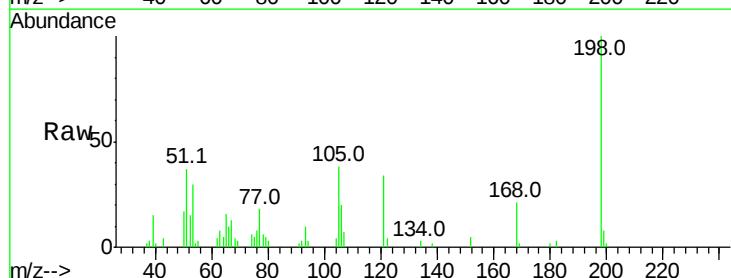
RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	198	Resp:	12094
Ion Ratio	Lower	Upper	
198	100		
51	37.0	37.7	77.7#
105	37.8	36.3	76.3





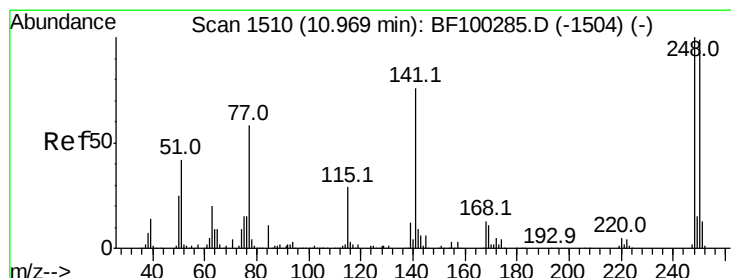
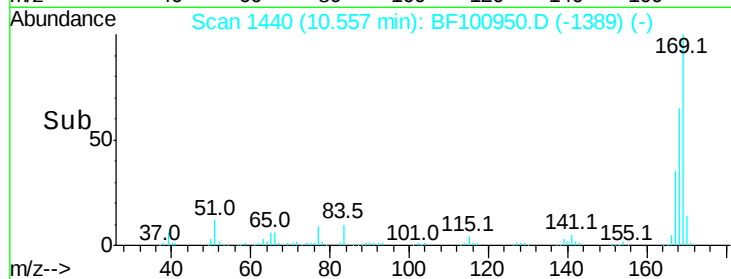
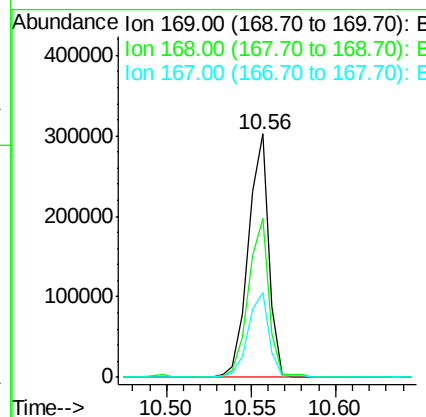
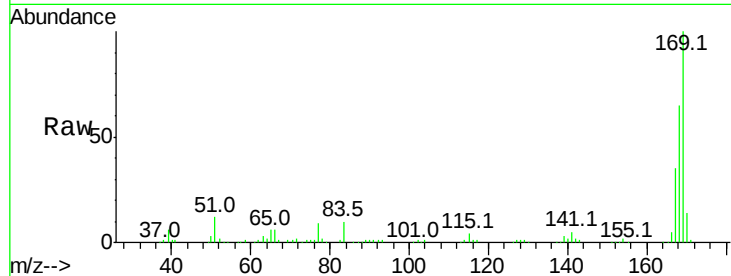
#65
 n-Nitrosodiphenylamine
 Concen: 46.020 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	255684		
168	65.1		54.4	81.6
167	35.0		29.8	44.6

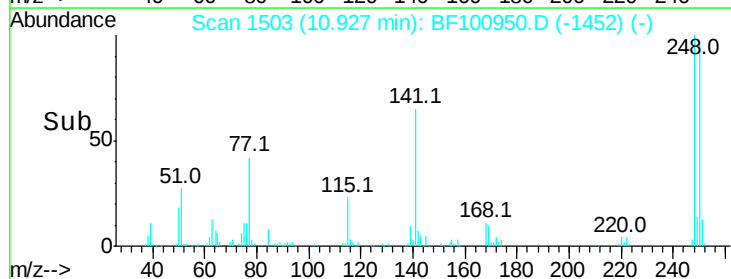
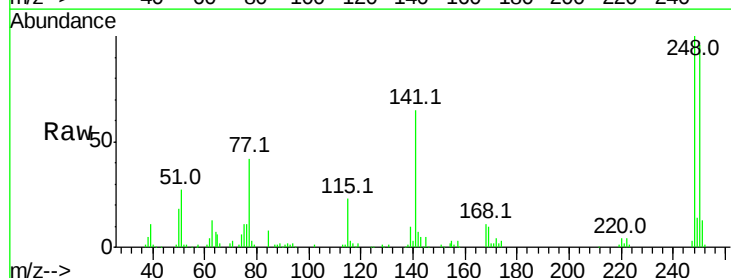
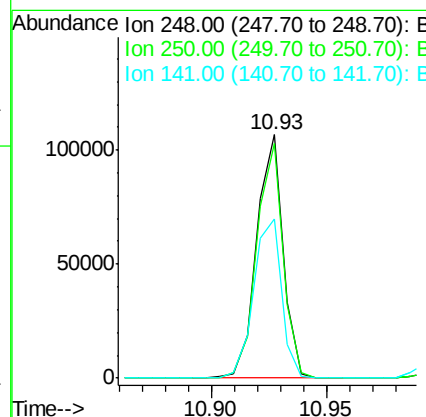
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 49.979 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	85609		
250	96.2		76.9	115.3
141	65.4		74.4	111.6#





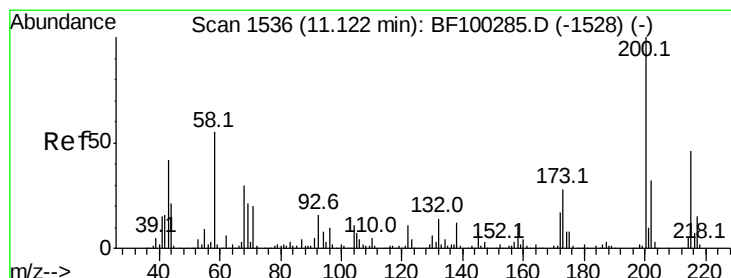
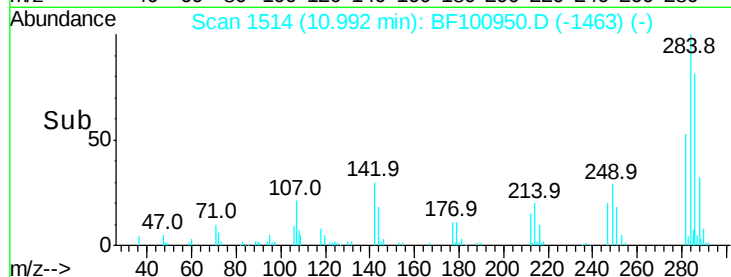
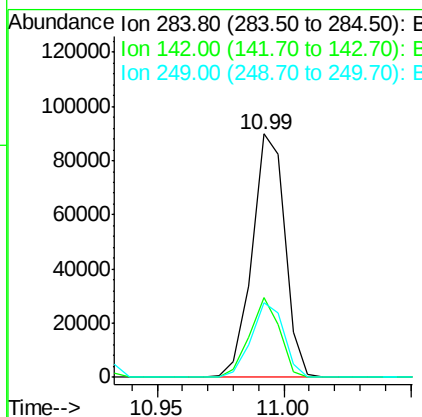
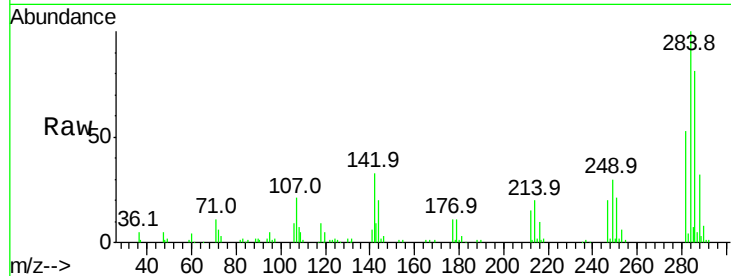
#67
Hexachlorobenzene
Concen: 45.351 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	34.6	52.0
249	30.4	24.8	37.2

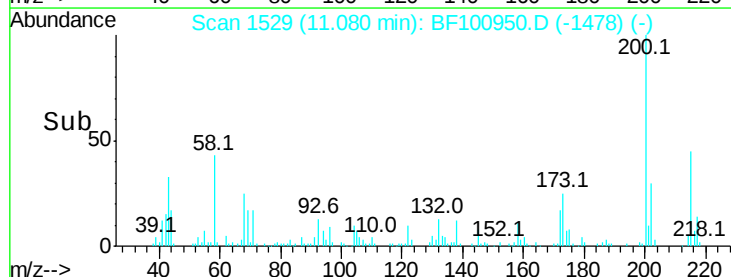
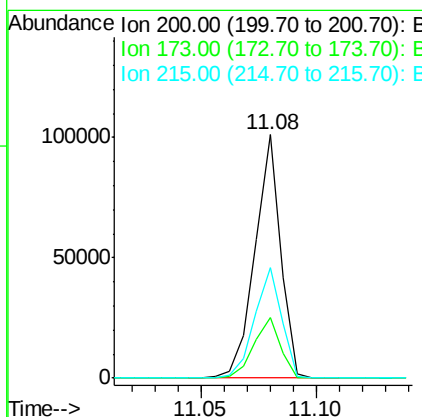
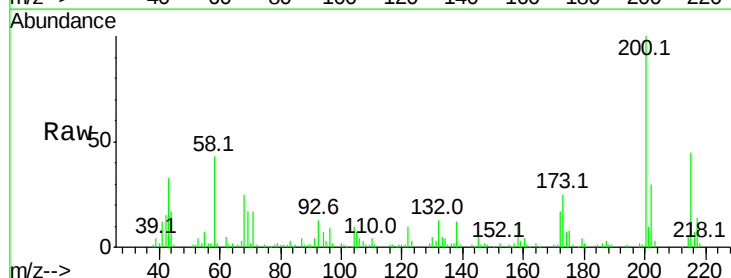
Manual Integrations
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#68
Atrazine
Concen: 46.980 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	8.6	48.6
215	45.4	25.1	65.1





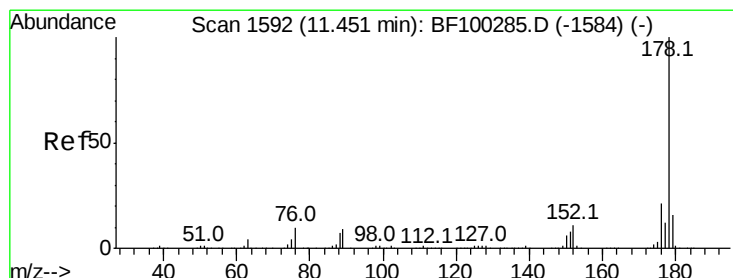
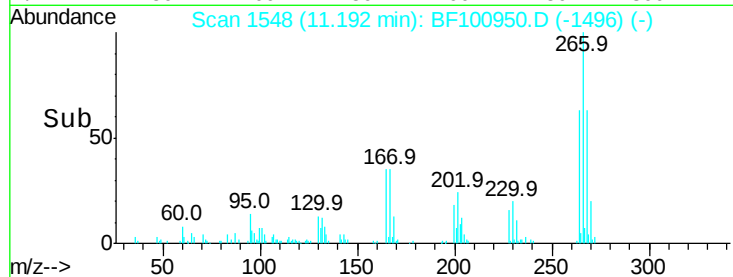
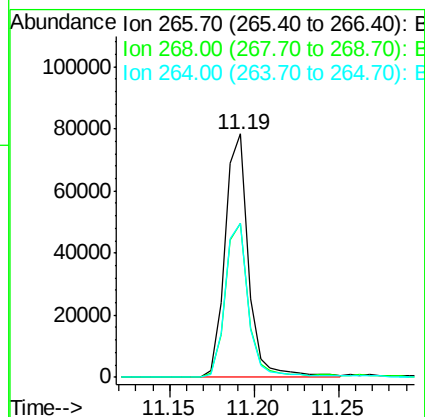
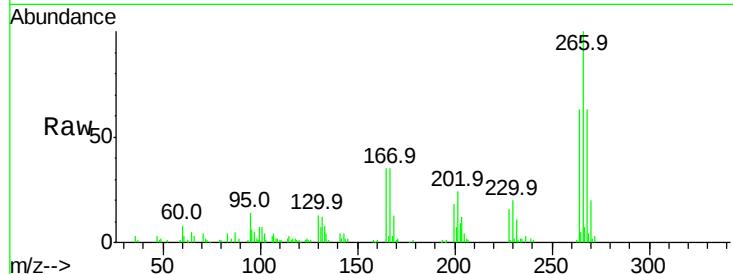
#69
 Pentachlorophenol
 Concen: 59.632 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampled :
 PB104562BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.0	49.5	74.3

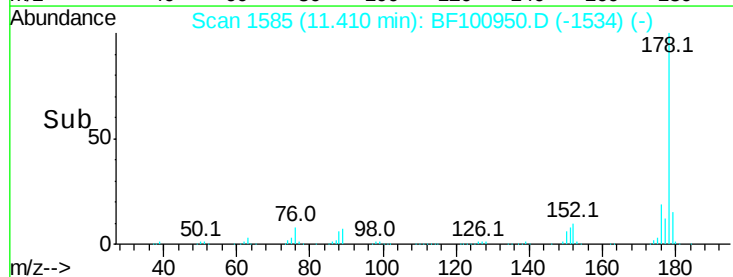
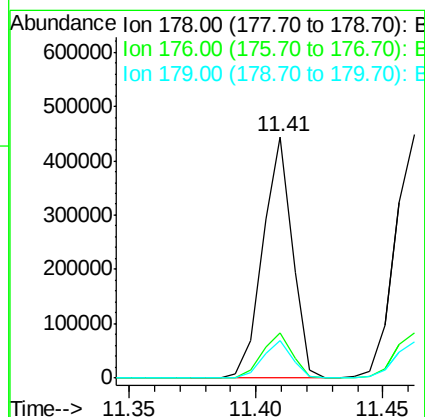
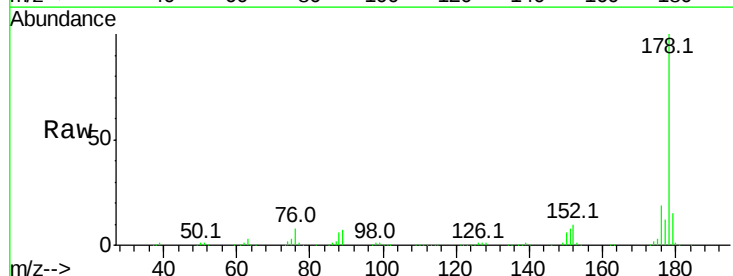
Manual Integrations
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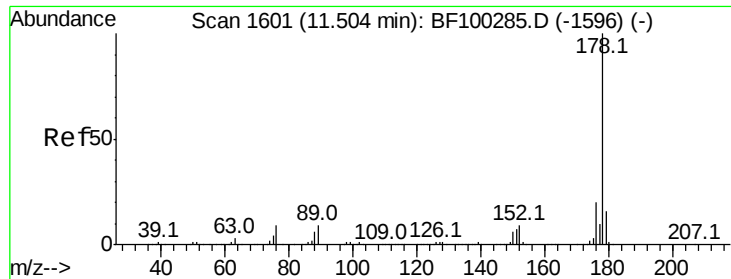
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#70
 Phenanthrene
 Concen: 43.033 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	13.0	19.6





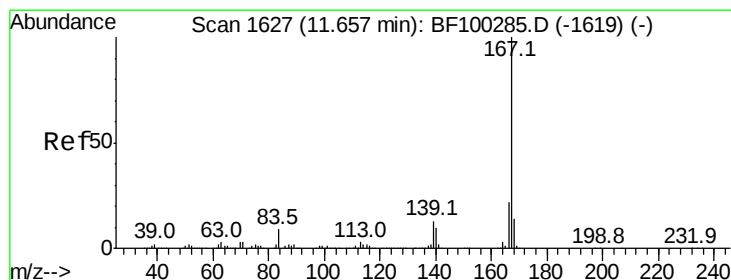
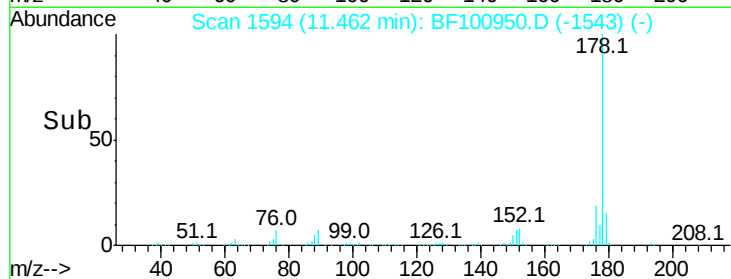
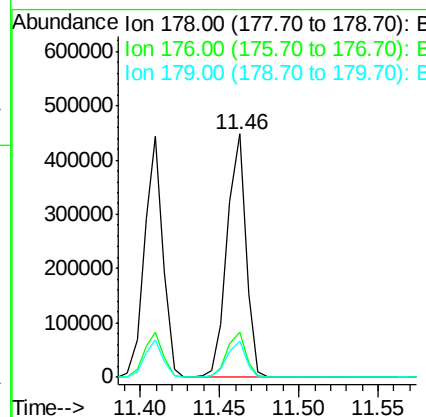
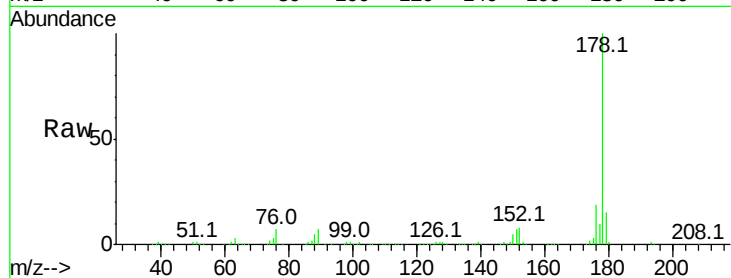
#71
 Anthracene
 Concen: 43.560 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.1	12.6	19.0

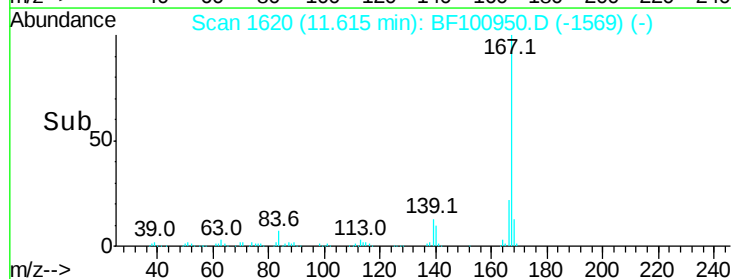
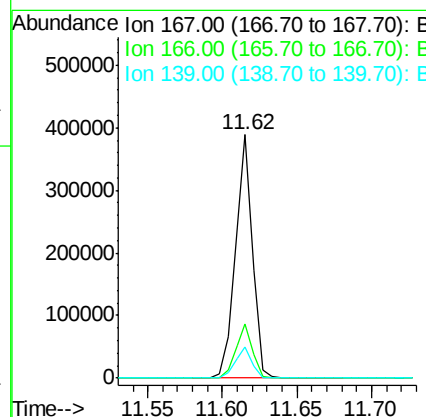
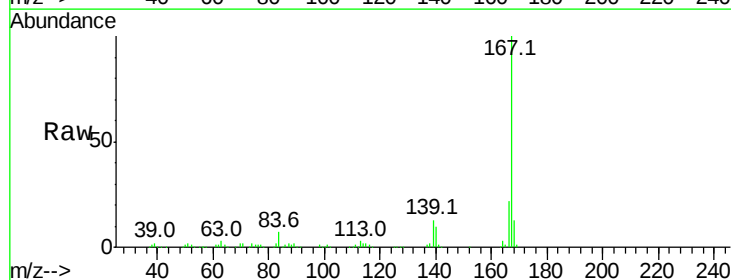
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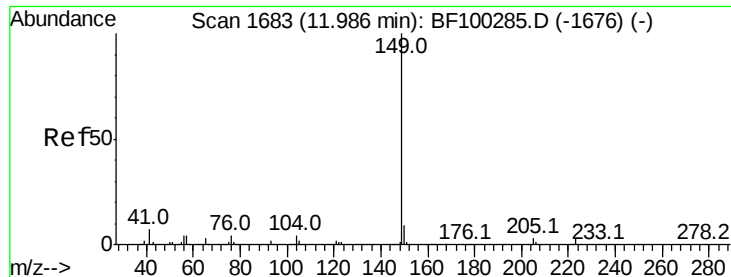
Sohil
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#72
 Carbazole
 Concen: 40.149 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.715 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

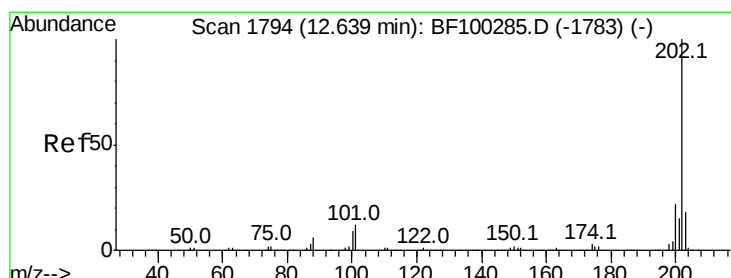
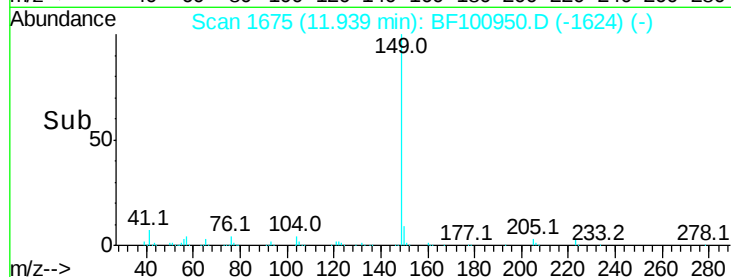
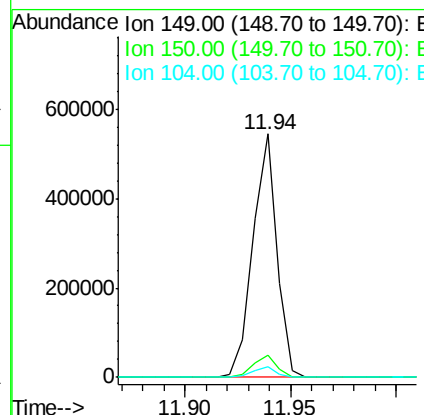
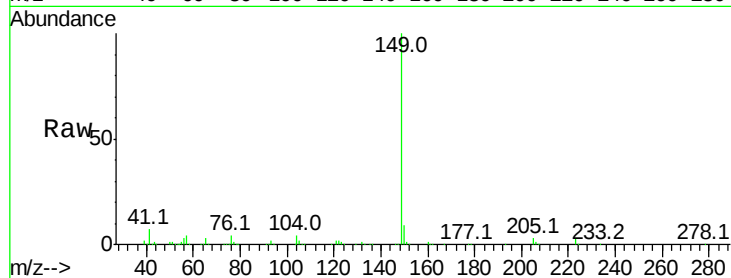
ClientSampleId :

PB104562BS

Tot Ion:	149	Resp:	430551
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8

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#74

Fluoranthene

Concen: 39.833 ng

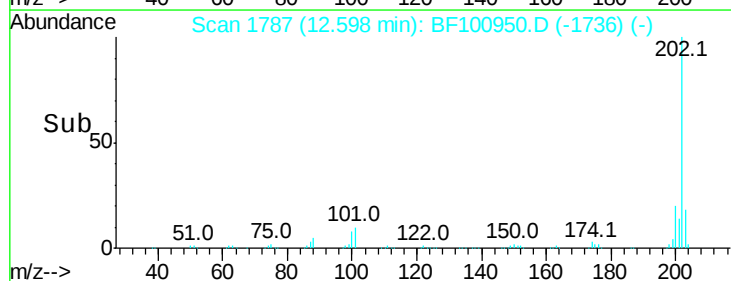
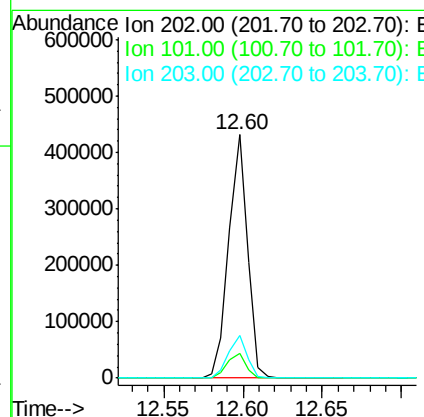
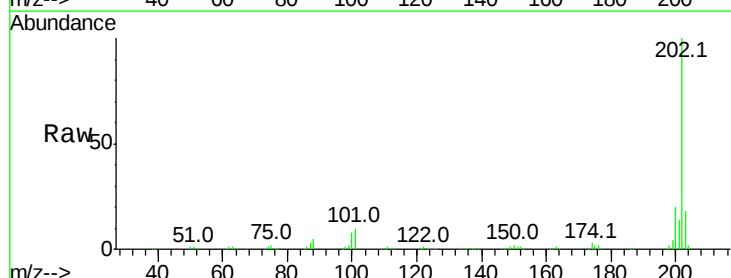
RT: 12.60 min Scan# 1787

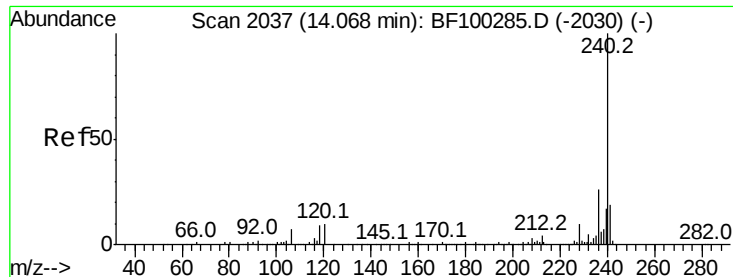
Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion:	202	Resp:	355161
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

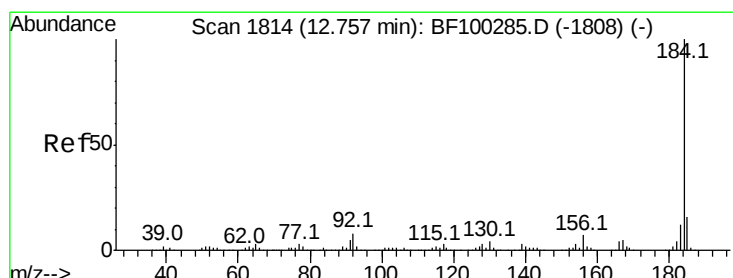
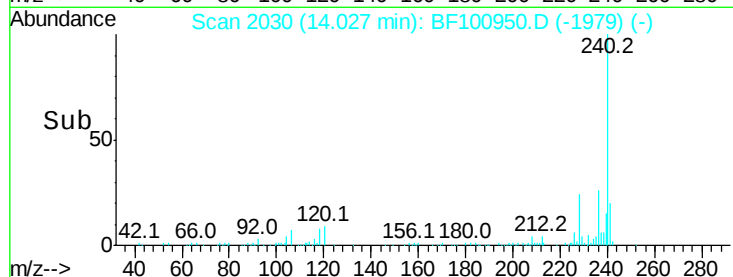
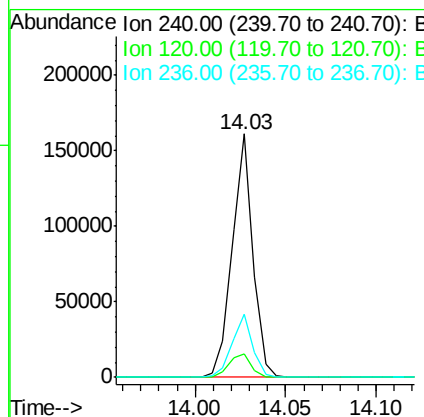
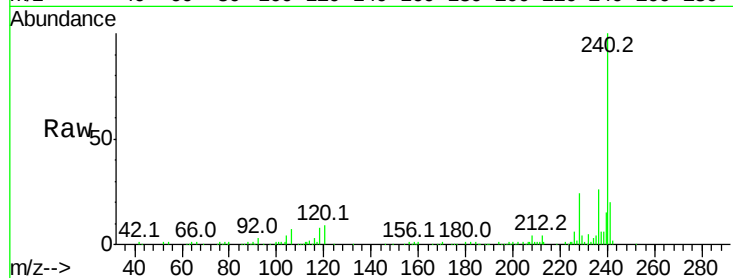
ClientSampleId :

PB104562BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.4	9.5	14.3	
236	25.8	20.7	31.1	

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#76

Benzidine

Concen: 48.840 ng

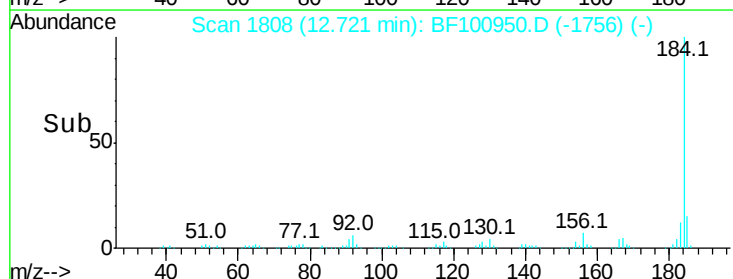
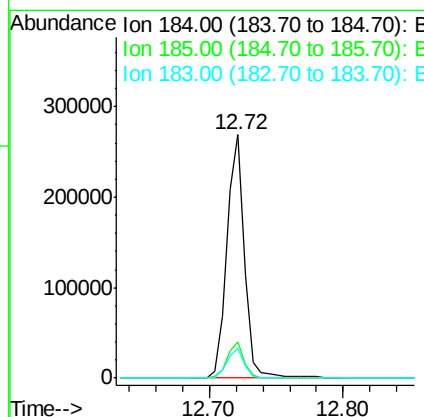
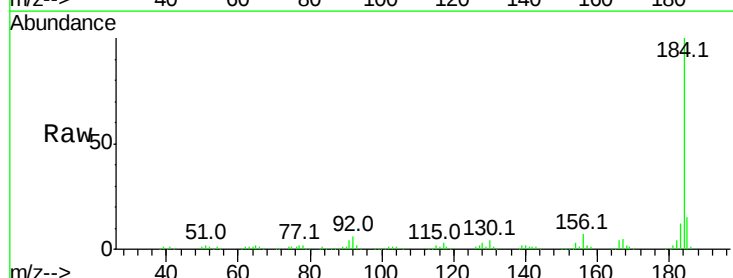
RT: 12.72 min Scan# 1808

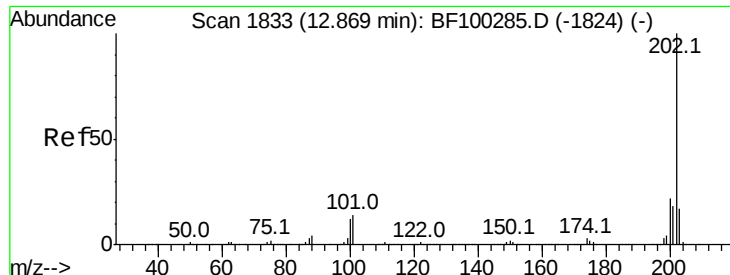
Delta R.T. 0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	12.6	18.8	
183	12.0	9.3	13.9	





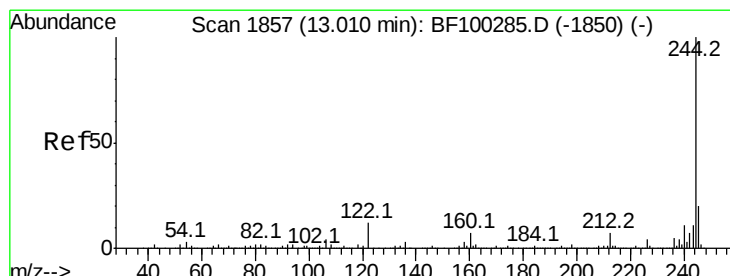
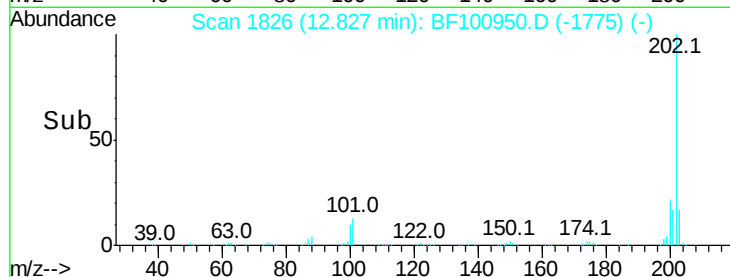
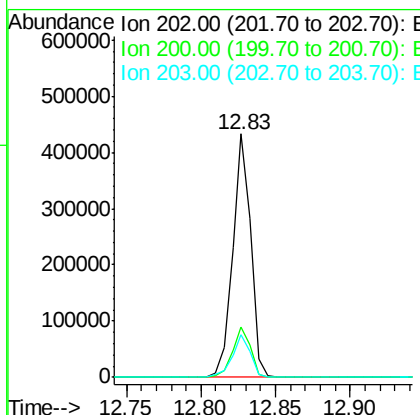
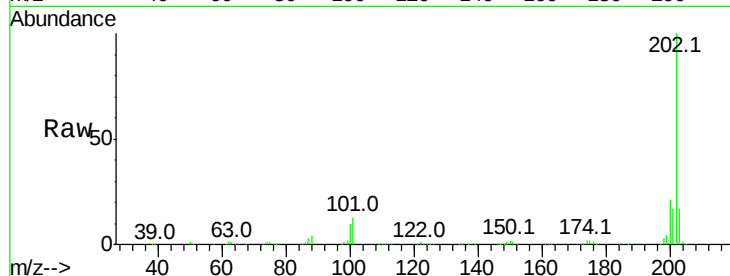
#77
Pvrene
Concen: 40.397 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.5	14.3	21.5

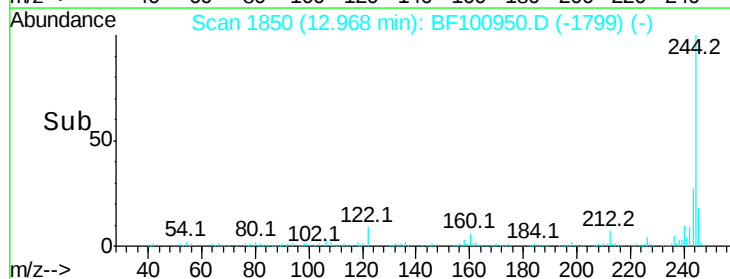
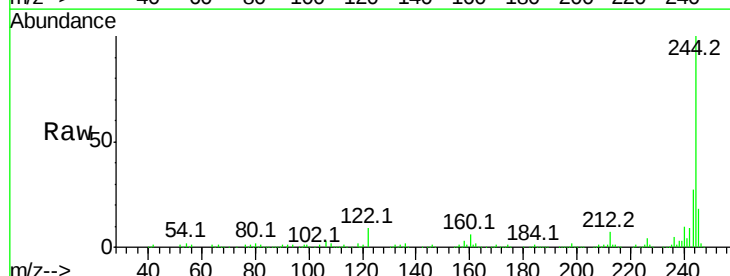
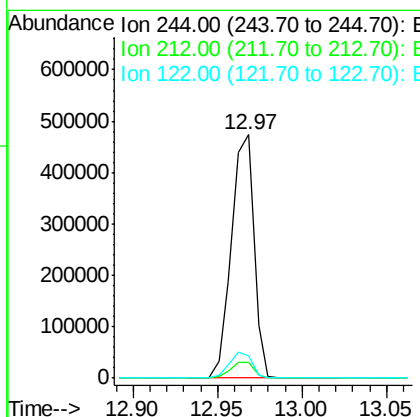
Manual Integrations
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#78
Terphenyl-d14
Concen: 78.795 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.1	11.0	16.4#





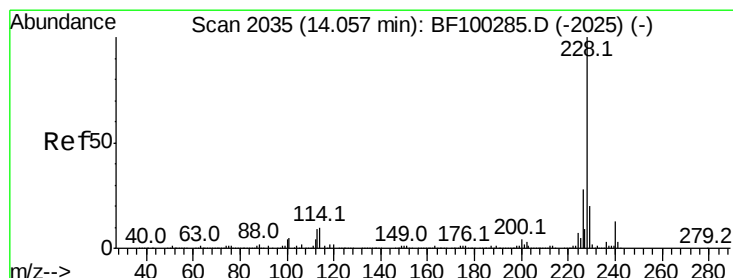
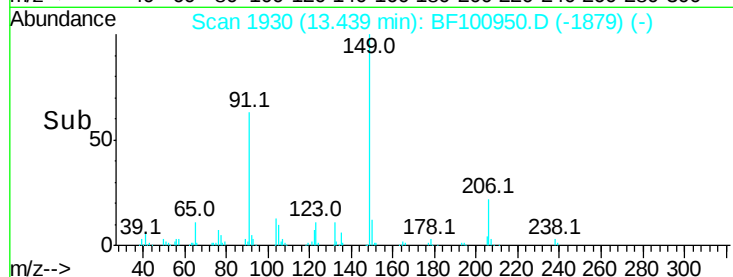
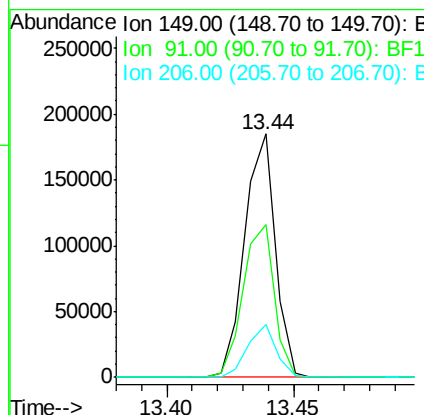
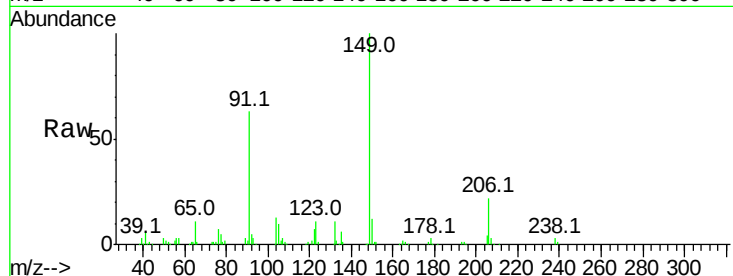
#79
Butylbenzylphthalate
Concen: 41.702 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampled :
PB104562BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.6	56.8	85.2
206	21.5	14.1	21.1

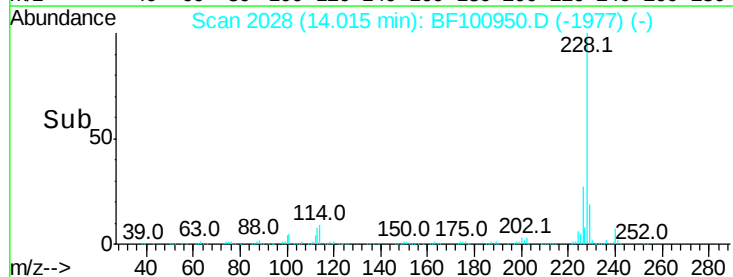
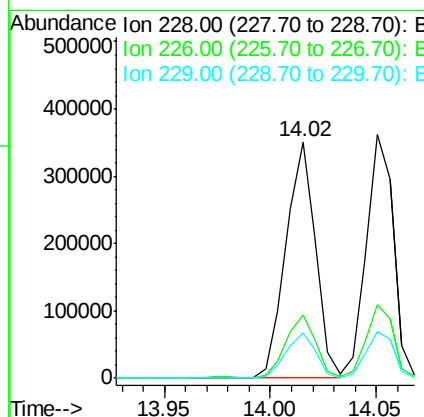
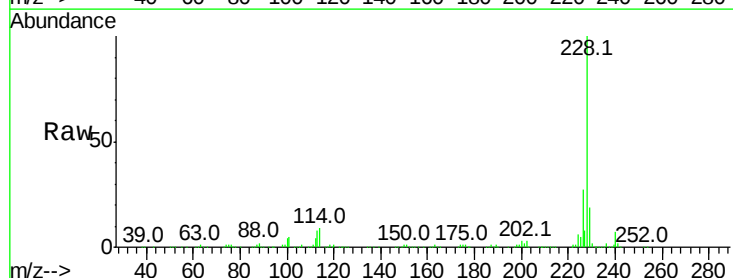
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#80
Benzo(a)anthracene
Concen: 44.557 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.8	22.6	33.8
229	19.3	15.8	23.6





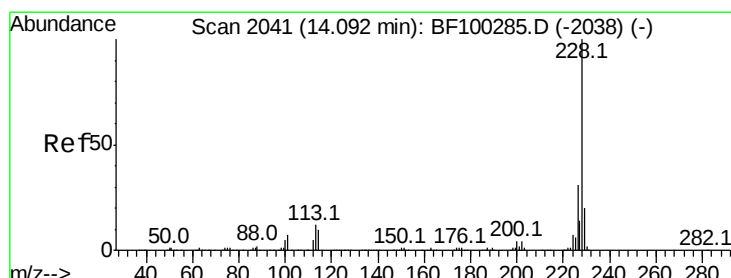
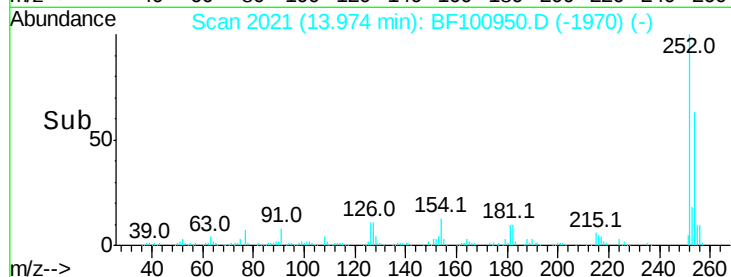
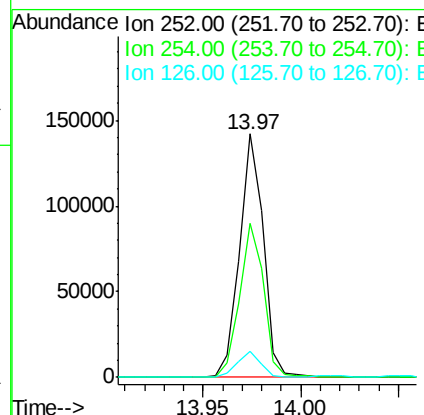
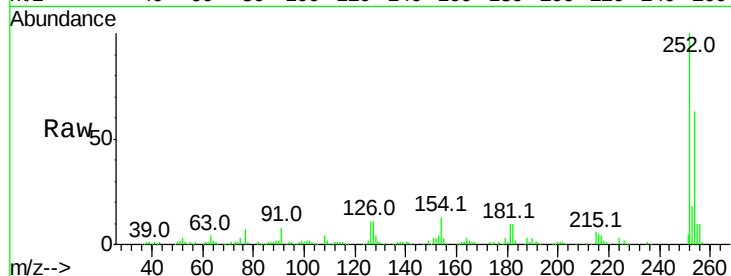
#81
 3,3'-Dichlorobenzidine
 Concen: 43.619 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.2	50.4	75.6
126	10.7	11.3	16.9

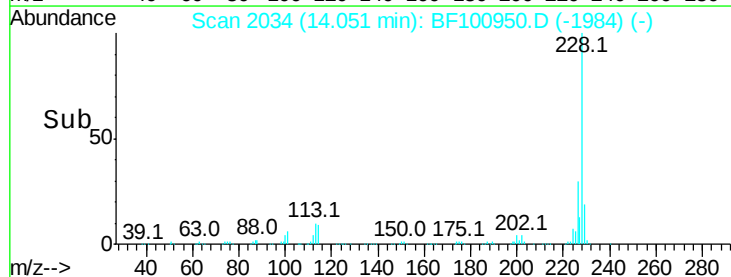
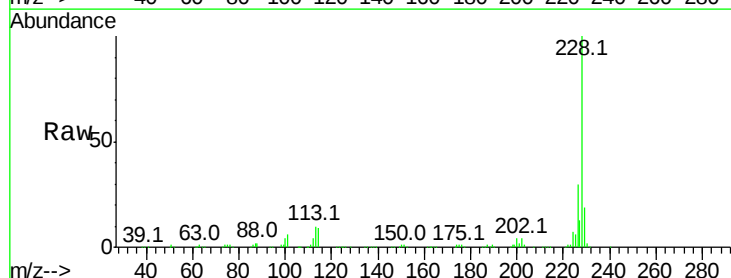
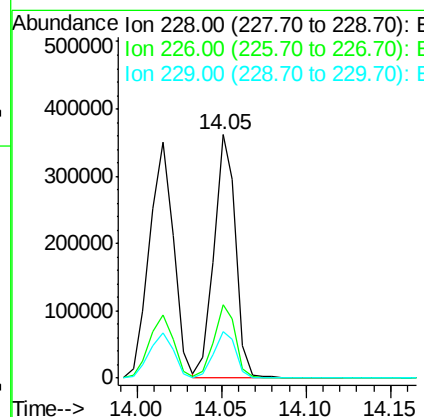
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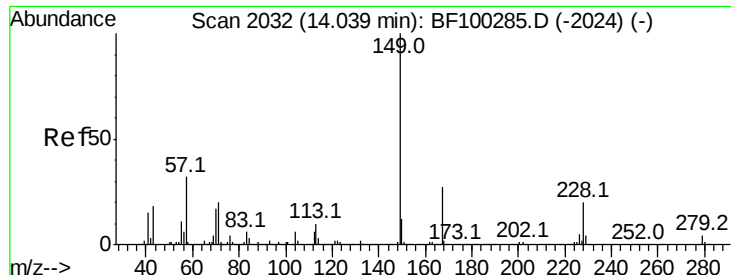
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#82
 Chrysene
 Concen: 43.271 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4





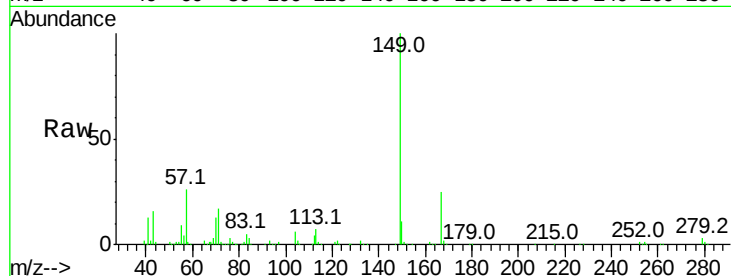
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.787 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

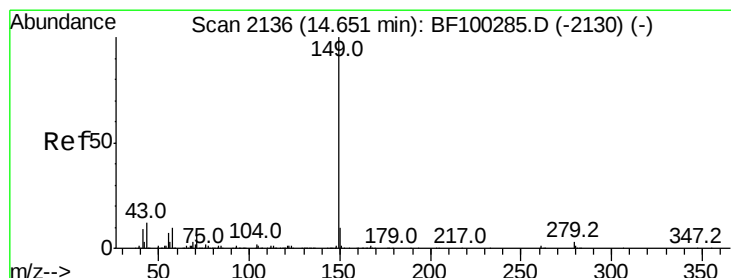
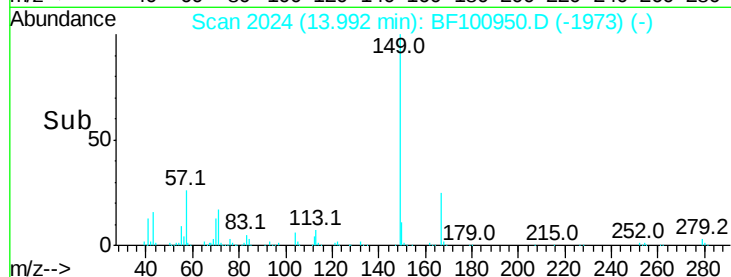
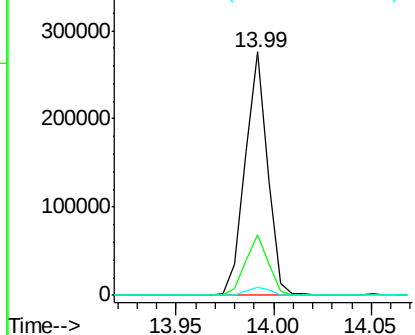
Tot Ion	Ratio	Resp	Lower	Upper
149	100	219741		
167	25.1	21.3	31.9	
279	3.4	3.0	4.4	

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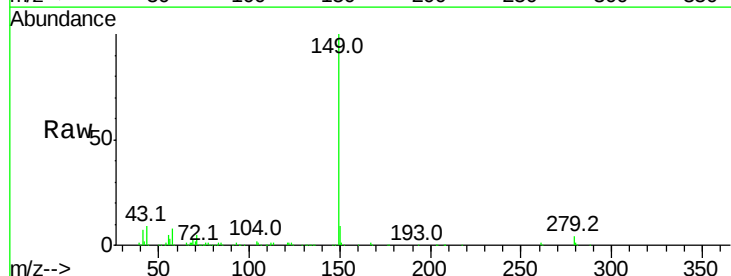


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

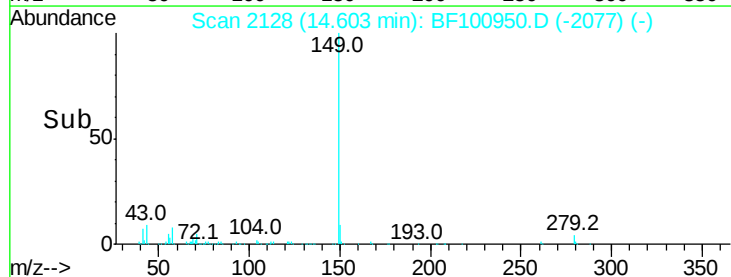
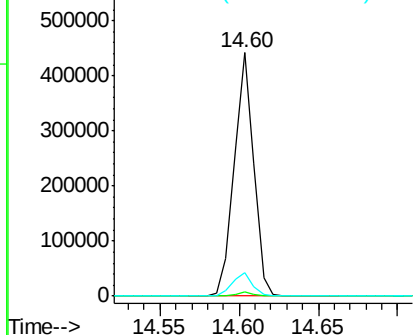


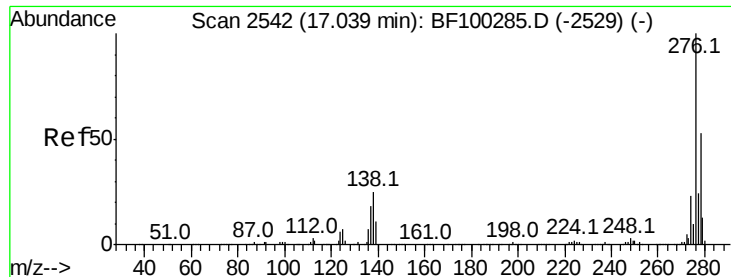
#84
 Di-n-octyl phthalate
 Concen: 44.737 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	377074		
167	1.6	1.2	1.8	
43	9.5	8.4	12.6	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





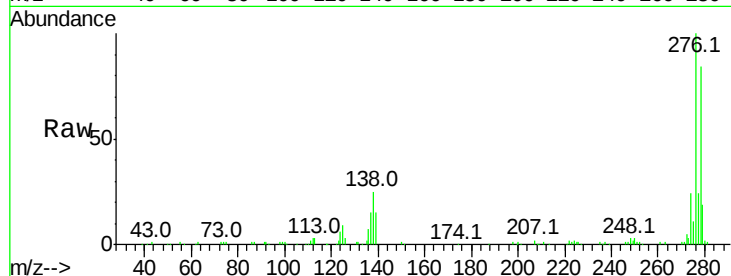
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.764 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

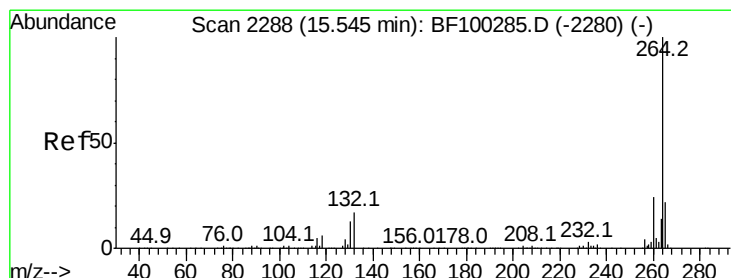
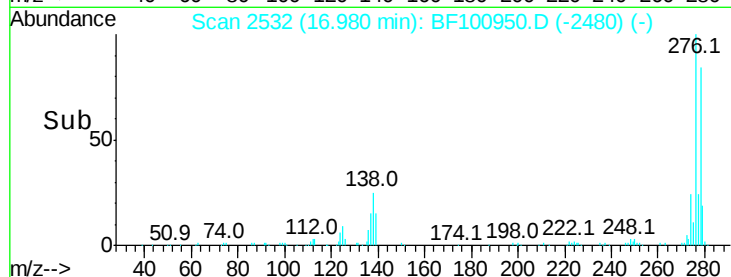
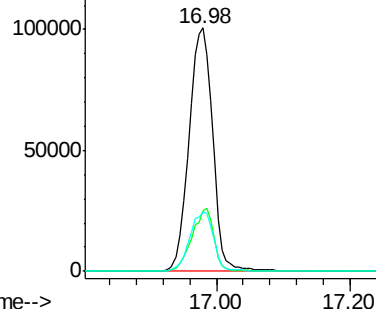
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	24.6	20.1	30.1

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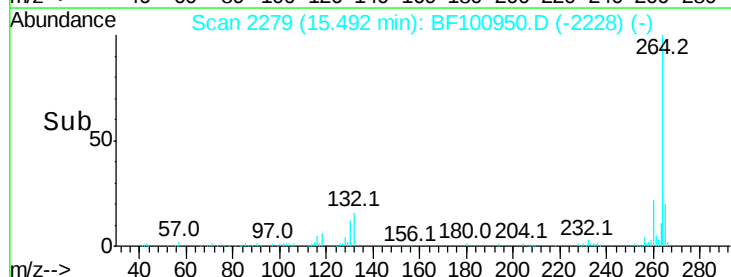
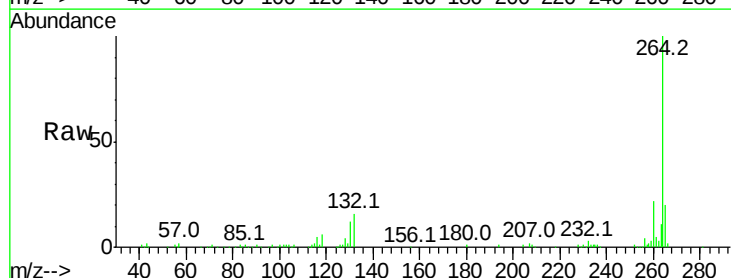
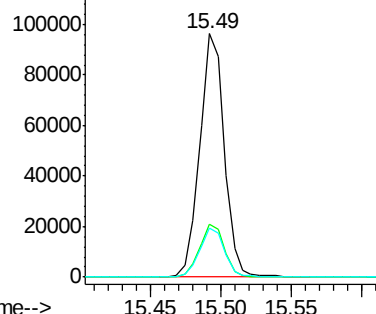
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.2	28.8
265	20.3	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.637 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Instrument :

BNA_F

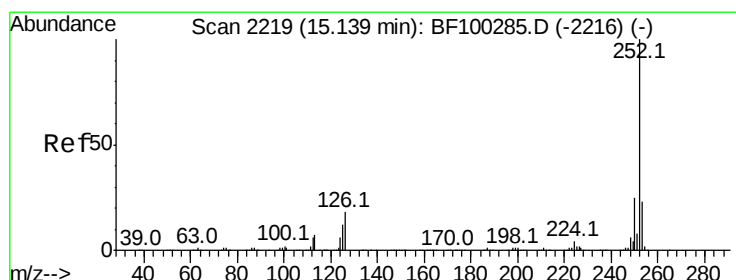
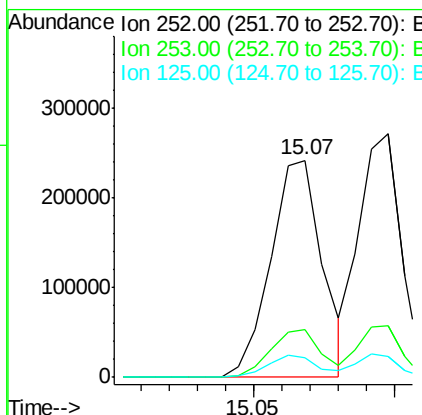
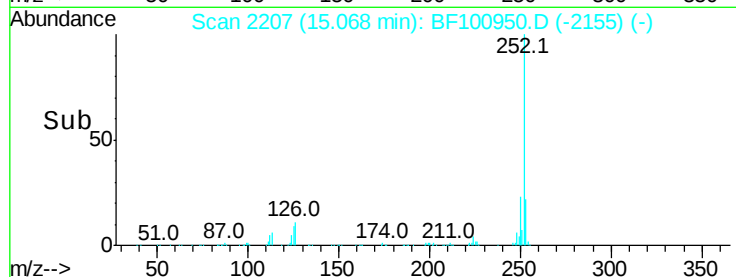
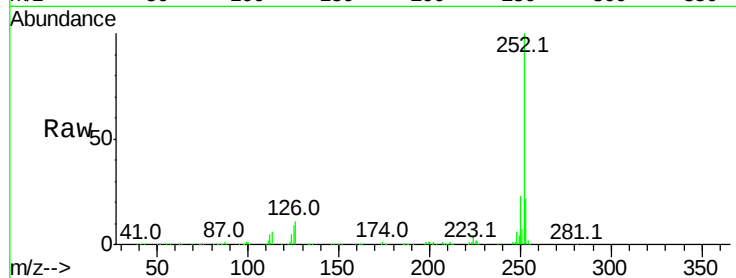
ClientSampleId :

PB104562BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.8	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 44.157 ng

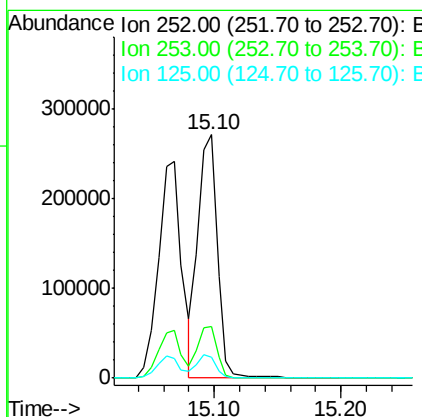
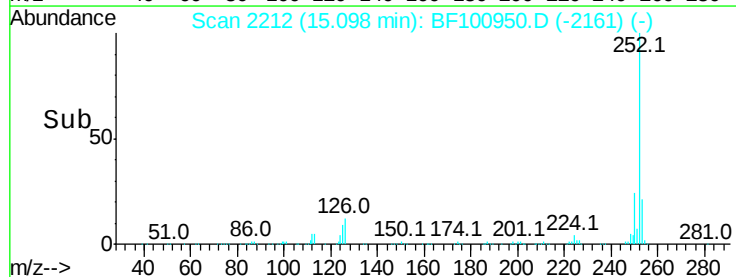
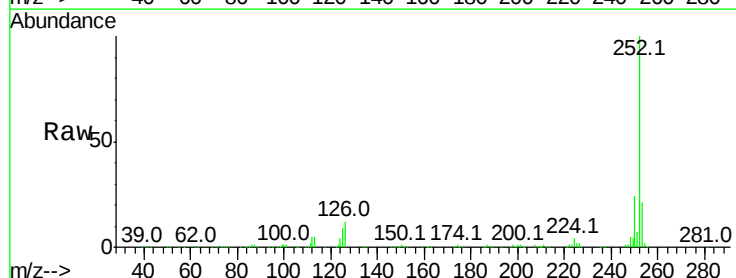
RT: 15.10 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BF100950.D

Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.8	10.2	15.2#





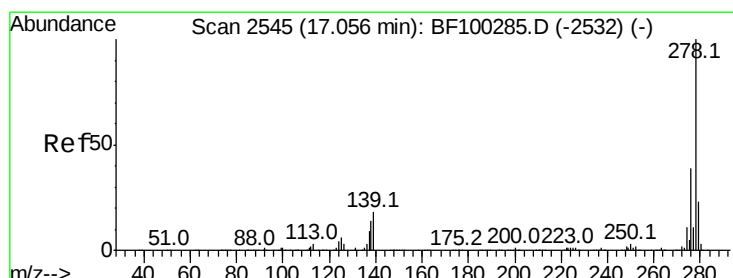
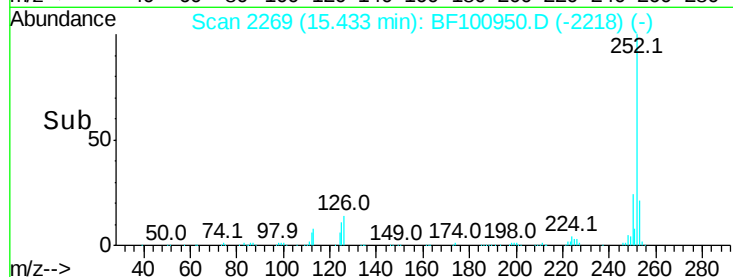
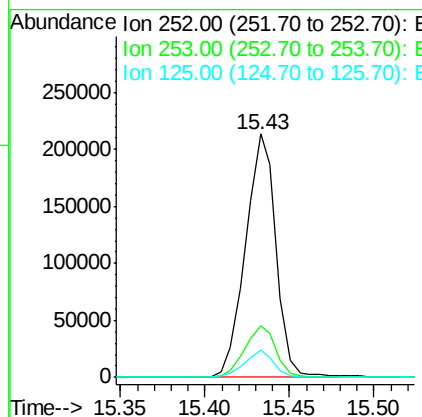
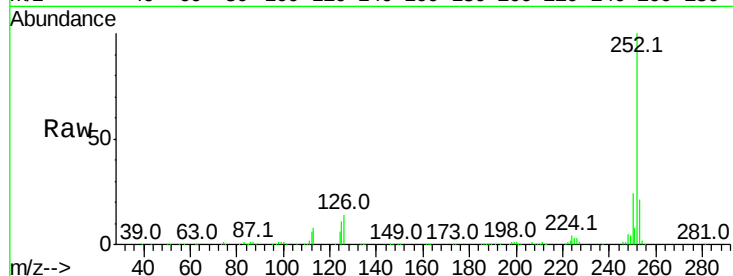
#89
Benzo(a)pyrene
Concen: 43.989 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	11.3	9.8	14.6

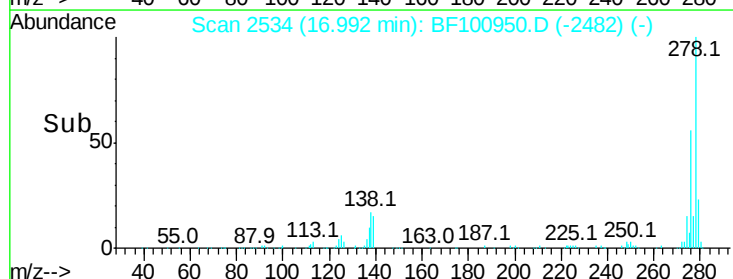
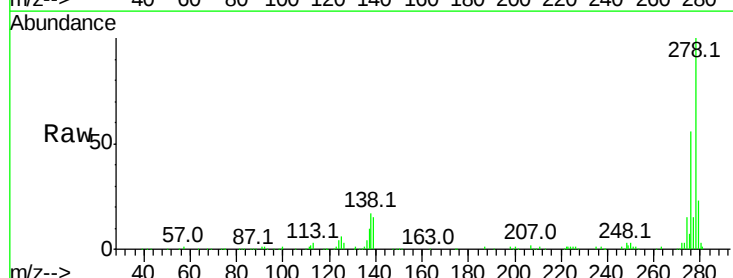
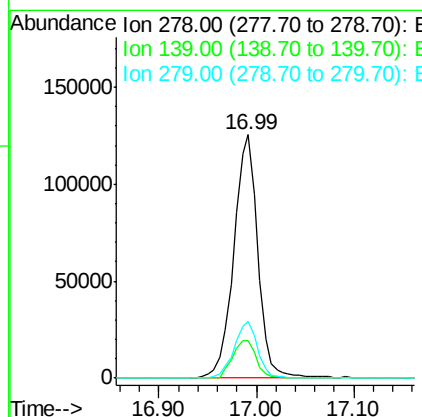
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#90
Dibenzo(a,h)anthracene
Concen: 42.936 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF100950.D
Acq: 28 Nov 2017 23:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.274 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BF100950.D
 Acq: 28 Nov 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB104562BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	20.3	21.8	32.8

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