

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100579.D
 Acq On : 15 Nov 2017 11:14
 Operator : SJ/JU
 Sample : PB104203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Manual Integrations
 APPROVED

SOHIL
 11/16/2017 6:18:21 PM

Quant Time: Nov 15 13:37:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131017	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	534726	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	252035	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	490940	20.00	ng	0.00
75) Chrysene-d12	14.04	240	330905	20.00	ng	0.00
86) Perylene-d12	15.52	264	263140	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	836824	102.39	ng	0.02
7) Phenol-d6	6.52	99	1019944	101.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	669623	82.79	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	287284	111.86	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1278161	77.22	ng	0.00
78) Terphenyl-d14	12.99	244	1171412	81.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	114649	28.784	ng	96
3) Pyridine	3.53	79	313226	28.824	ng	97
4) n-Nitrosodimethylamine	3.48	42	159777	30.283	ng	98
6) Aniline	6.55	93	195728	13.746	ng	98
8) 2-Chlorophenol	6.67	128	309543	35.800	ng	99
9) Benzaldehyde	6.43	77	136963	19.029	ng	97
10) Phenol	6.53	94	371130	35.077	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	293726	33.051	ng	99
12) 1,3-Dichlorobenzene	6.83	146	349017	35.011	ng	95
13) 1,4-Dichlorobenzene	6.90	146	350846	34.773	ng	97
14) 1,2-Dichlorobenzene	7.06	146	328166	35.178	ng	96
15) Benzyl Alcohol	7.02	79	273786	34.806	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	549599	38.666	ng	98
17) 2-Methylphenol	7.13	107	272950	36.940	ng	99
18) Hexachloroethane	7.39	117	122269	36.754	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	217689	31.144	ng	94
20) 3+4-Methylphenols	7.28	107	326510	34.920	ng	# 90
22) Acetophenone	7.29	105	415963	31.901	ng	# 97
24) Nitrobenzene	7.46	77	331220	39.788	ng	100
25) Isophorone	7.70	82	623004	36.655	ng	100
26) 2-Nitrophenol	7.78	139	179951	46.318	ng	95
27) 2,4-Dimethylphenol	7.82	122	307631	40.376	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	385468	34.672	ng	100
29) 2,4-Dichlorophenol	8.02	162	282345	38.818	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	285176	36.246	ng	97
31) Naphthalene	8.19	128	907648	35.241	ng	100
32) Benzoic acid	7.93	122	185961	35.021	ng	97
33) 4-Chloroaniline	8.23	127	85606	7.985	ng	95
34) Hexachlorobutadiene	8.30	225	164458	35.156	ng	97
35) Caprolactam	8.60	113	90747m	36.355	ng	
36) 4-Chloro-3-methylphenol	8.71	107	290606	37.201	ng	98
37) 2-Methylnaphthalene	8.88	142	622825	36.425	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278463	33.314	ng	98
40) Hexachlorocyclopentadiene	9.03	237	327946	83.361	ng	98

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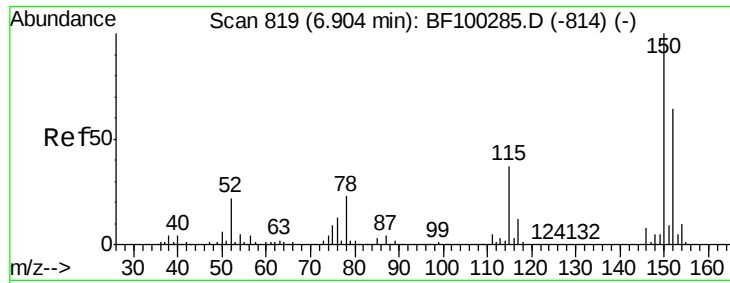
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	209415	39.530	ng	97
43) 2,4,5-Trichlorophenol	9.19	196	216125	39.376	ng	95
45) 1,1'-Biphenyl	9.34	154	739950	33.945	ng	99
46) 2-Chloronaphthalene	9.37	162	579413	36.639	ng	96
47) 2-Nitroaniline	9.46	65	187058	40.494	ng	99
48) Acenaphthylene	9.79	152	904438	34.511	ng	99
49) Dimethylphthalate	9.64	163	686629	35.682	ng	99
50) 2,6-Dinitrotoluene	9.70	165	155911	40.931	ng	94
51) Acenaphthene	9.96	154	609402	38.234	ng	100
52) 3-Nitroaniline	9.87	138	71773	15.957	ng	98
53) 2,4-Dinitrophenol	9.98	184	158476	89.623	ng #	15
54) Dibenzofuran	10.13	168	795782	35.622	ng	99
55) 4-Nitrophenol	10.03	139	257021	70.373	ng	91
56) 2,4-Dinitrotoluene	10.11	165	209936	43.688	ng #	90
57) Fluorene	10.47	166	598877	36.595	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	179648	39.936	ng #	87
59) Diethylphthalate	10.34	149	675662	35.086	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	289771	36.095	ng	95
61) 4-Nitroaniline	10.49	138	160197	37.561	ng	91
62) Azobenzene	10.62	77	633666	34.937	ng	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	105430	43.508	ng	81
65) n-Nitrosodiphenylamine	10.58	169	575914	33.737	ng	96
66) 4-Bromophenyl-phenylether	10.95	248	194593	36.975	ng #	87
67) Hexachlorobenzene	11.02	284	201881	36.677	ng #	91
68) Atrazine	11.10	200	189430	36.659	ng	96
69) Pentachlorophenol	11.21	266	225880	57.230	ng	99
70) Phenanthrene	11.43	178	911547	35.265	ng	99
71) Anthracene	11.49	178	944358	36.010	ng	100
72) Carbazole	11.64	167	840376	34.730	ng	99
73) Di-n-butylphthalate	11.96	149	1043134	36.837	ng	98
74) Fluoranthene	12.62	202	965278	35.236	ng	96
76) Benzidine	12.73	184	198317	14.965	ng	99
77) Pyrene	12.85	202	980137	41.552	ng	99
79) Butylbenzylphthalate	13.46	149	401583	41.746	ng	97
80) Benzo(a)anthracene	14.03	228	747944	37.534	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	114534	16.042	ng	98
82) Chrysene	14.07	228	705234	36.547	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	495755	39.184	ng	99
84) Di-n-octyl phthalate	14.63	149	690349	31.762	ng	100
85) Indeno(1,2,3-cd)pyrene	17.00	276	639693	40.985	ng	95
87) Benzo(b)fluoranthene	15.09	252	570862	36.618	ng	99
88) Benzo(k)fluoranthene	15.12	252	531966	36.114	ng	97
89) Benzo(a)pyrene	15.45	252	523422	37.872	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	517306	45.768	ng	96
91) Benzo(g,h,i)perylene	17.46	276	556057	50.257	ng	94

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



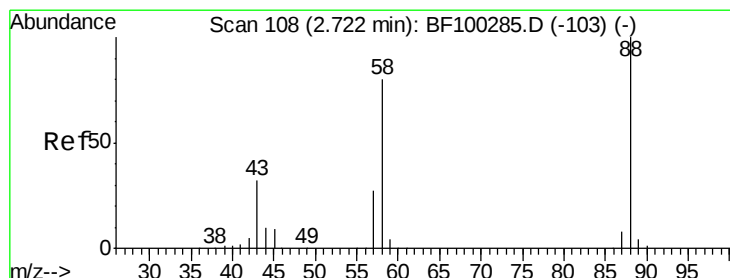
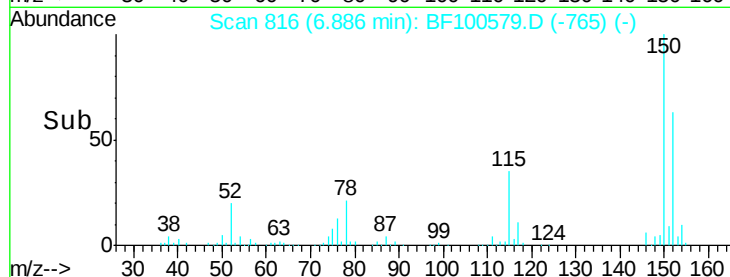
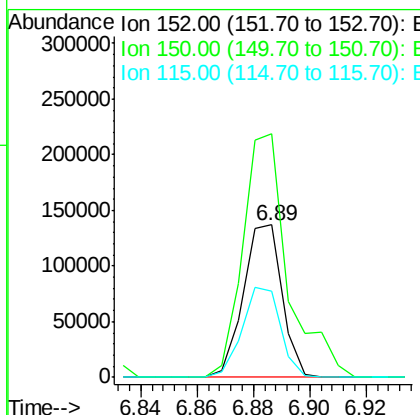
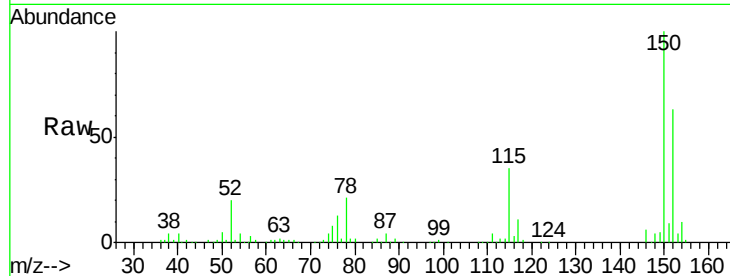
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	56.1	50.1	75.1

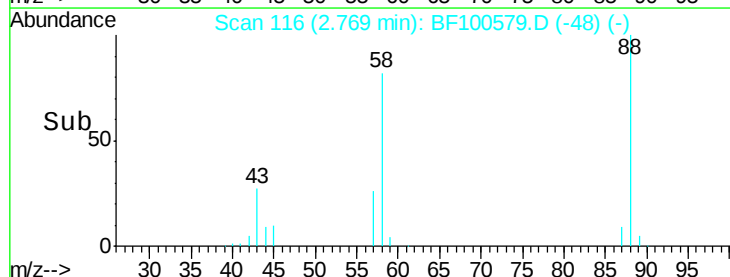
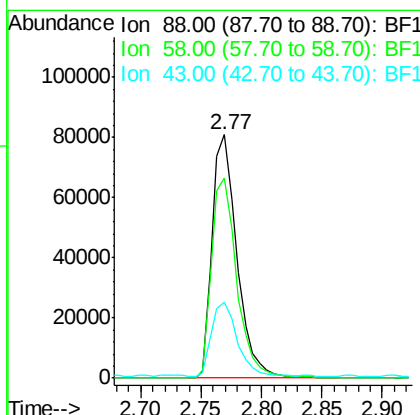
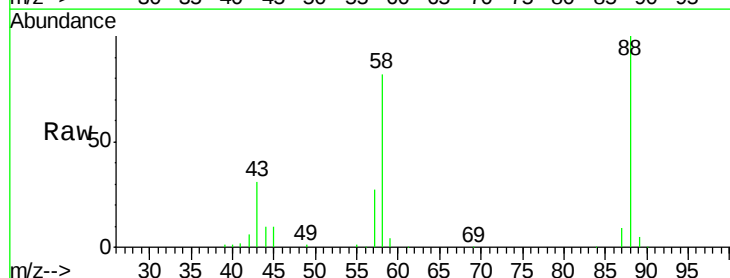
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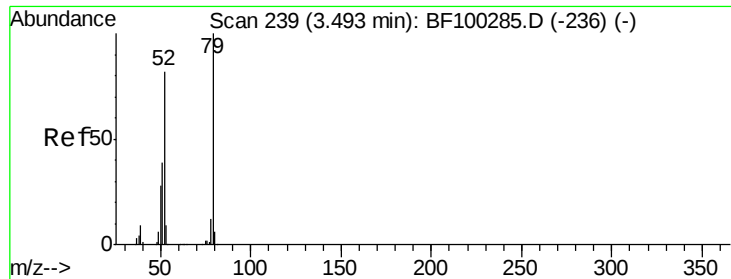
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#2
 1,4-Dioxane
 Concen: 28.784 ng
 RT: 2.77 min Scan# 116
 Delta R.T. 0.10 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	62.6	93.8
43	30.8	24.6	37.0





#3

Pyridine

Concen: 28.824 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.09 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

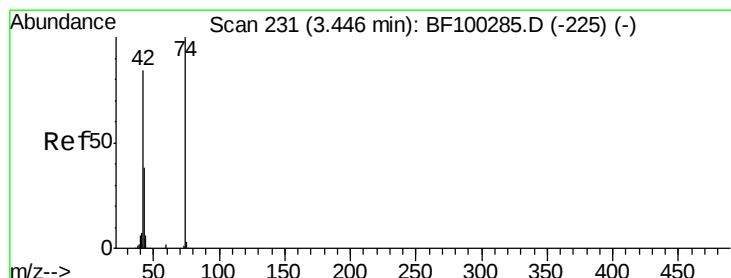
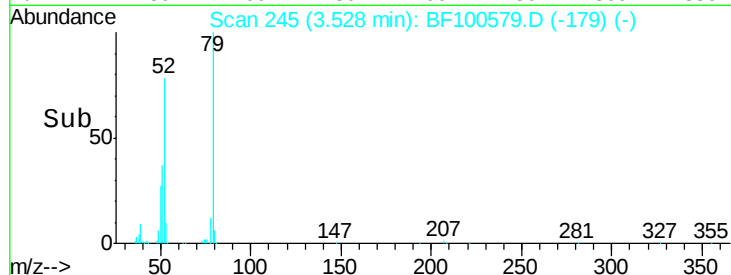
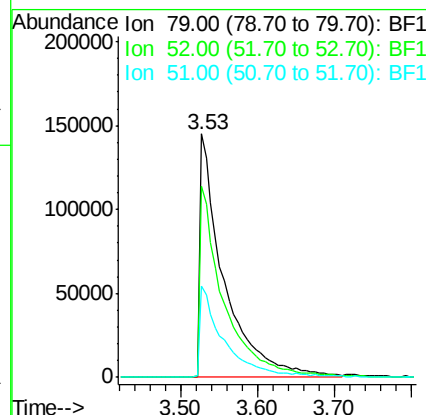
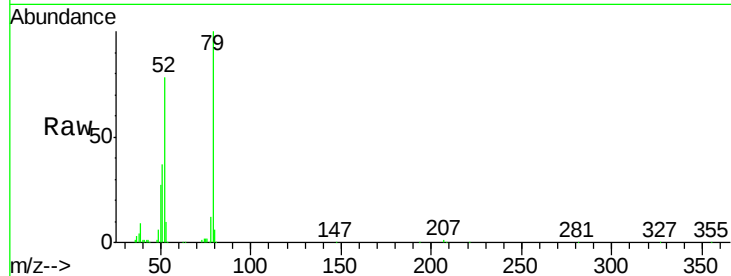
ClientSampleId :

PB104203BS

Tgt Ion:	79	Resp:	313226
Ion Ratio	Lower	Upper	
79	100		
52	78.3	59.8	89.6
51	37.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 30.283 ng

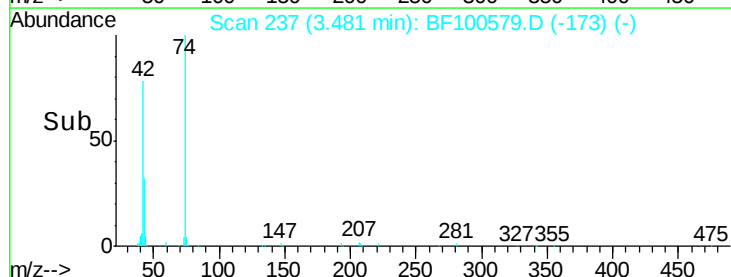
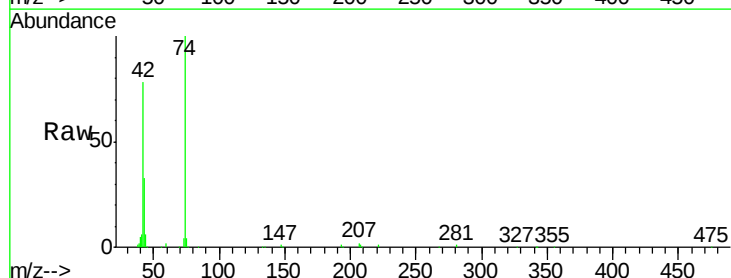
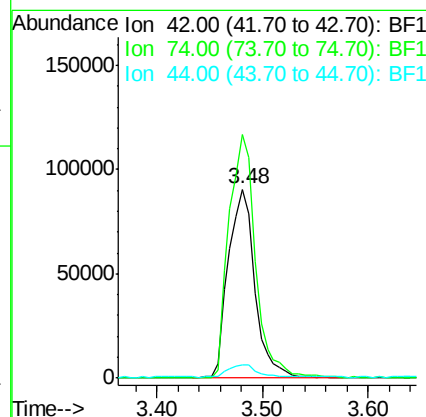
RT: 3.48 min Scan# 237

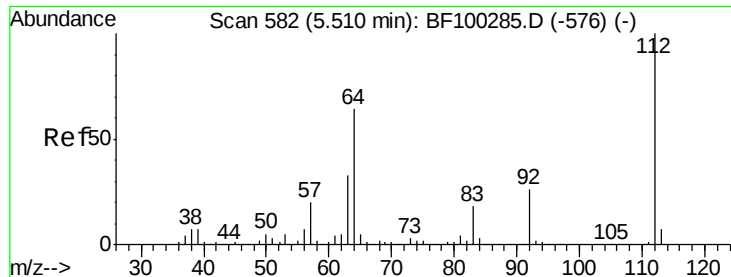
Delta R.T. 0.08 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion:	42	Resp:	159777
Ion Ratio	Lower	Upper	
42	100		
74	128.8	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 102.385 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

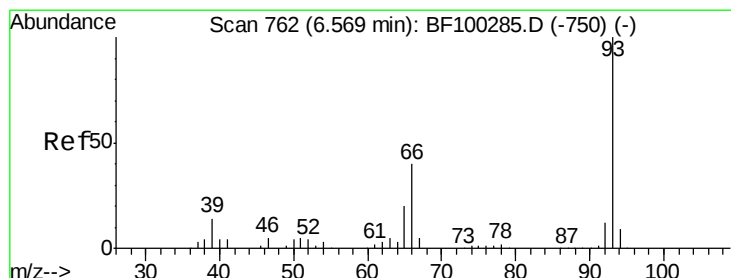
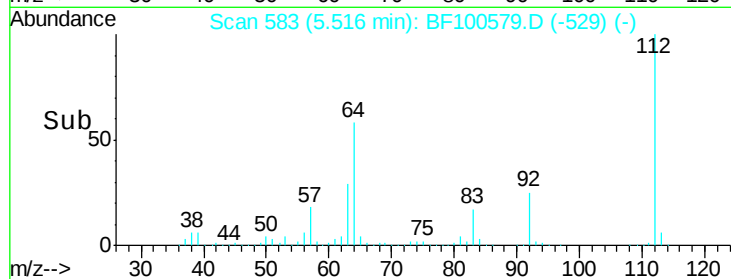
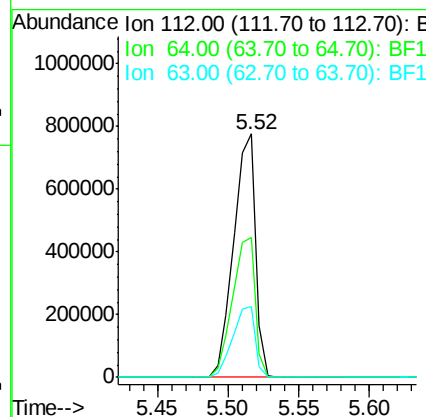
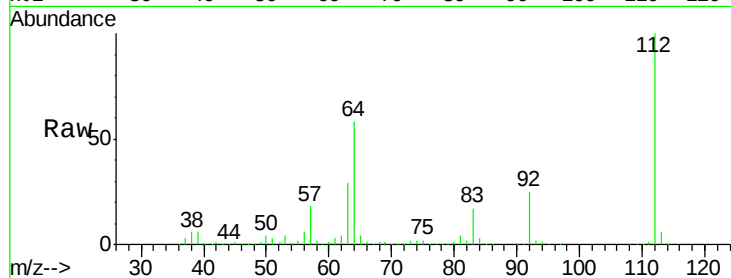
ClientSampled :

PB104203BS

Tgt Ion:	112	Resp:	836824
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.9	71.9
63	29.1	23.7	35.5

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#6

Aniline

Concen: 13.746 ng

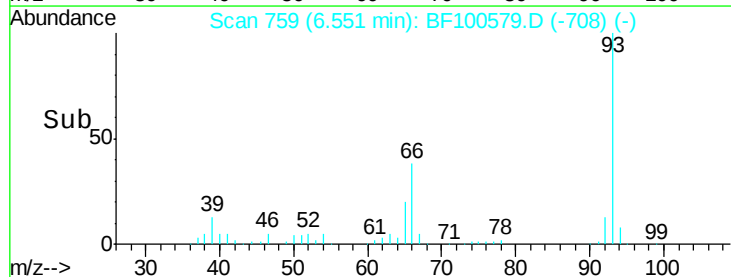
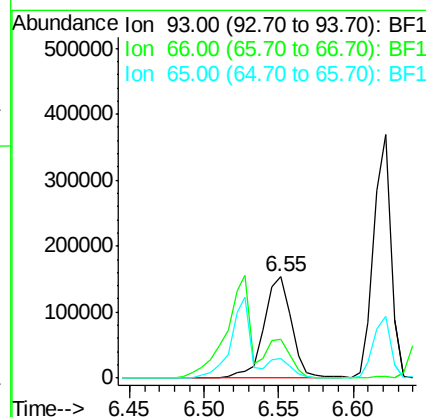
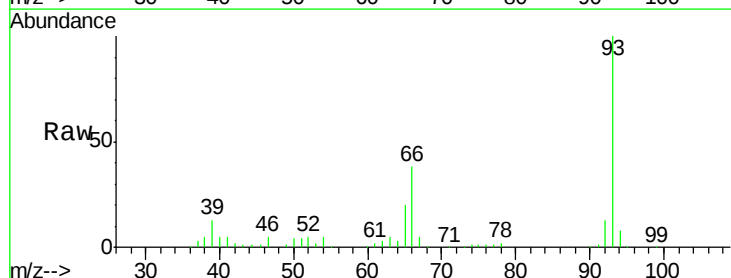
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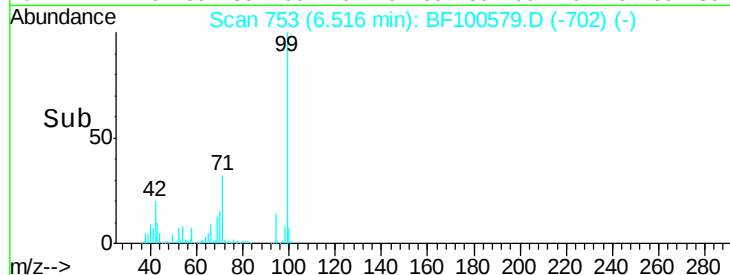
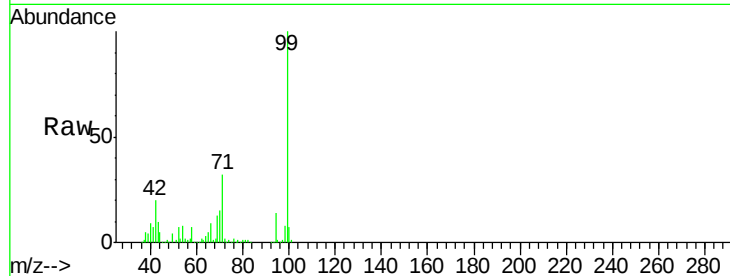
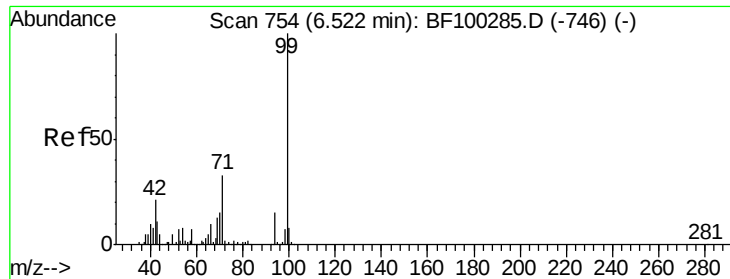
Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion:	93	Resp:	195728
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 101.197 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion:	99	Resp:	1019944
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.1	25.4	38.0

Instrument :

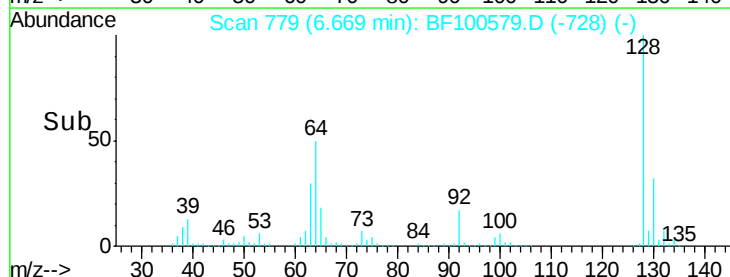
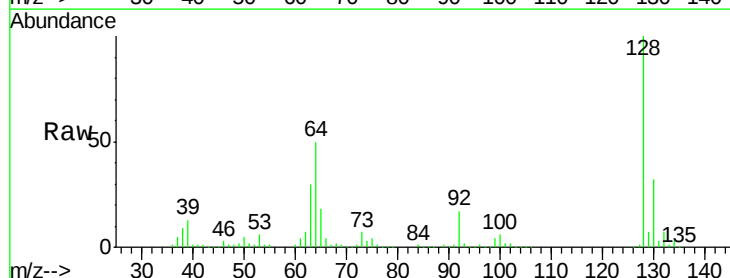
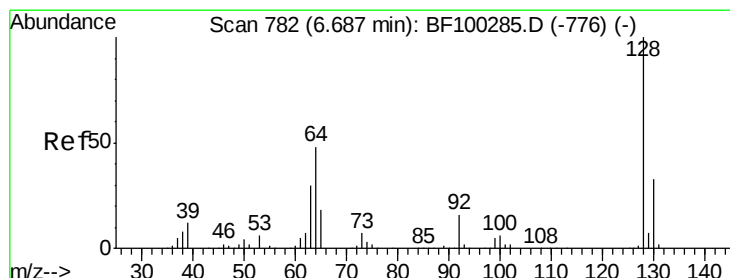
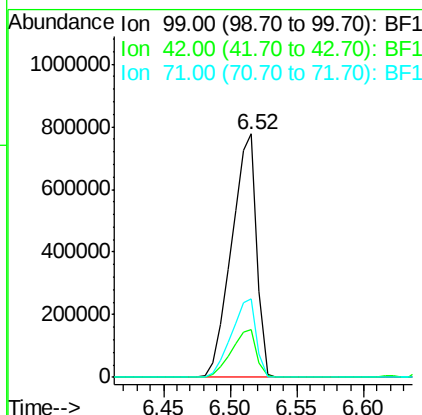
BNA_F

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PB104203BS

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#8

2-Chlorophenol

Concen: 35.800 ng

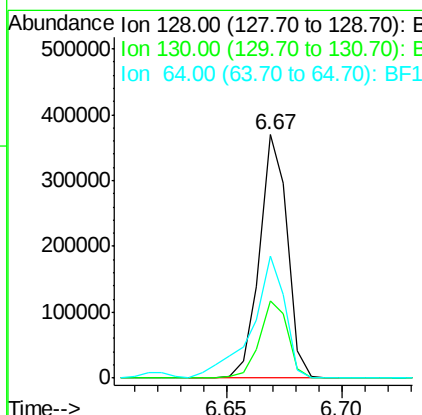
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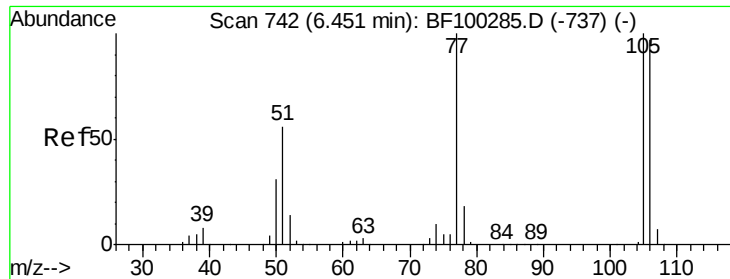
Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion:	128	Resp:	309543
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	49.9	29.4	69.4





#9

Benzaldehyde

Concen: 19.029 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

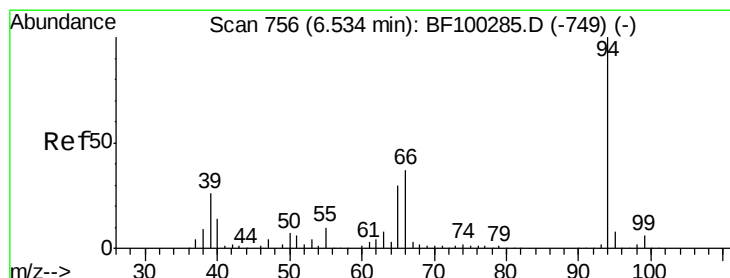
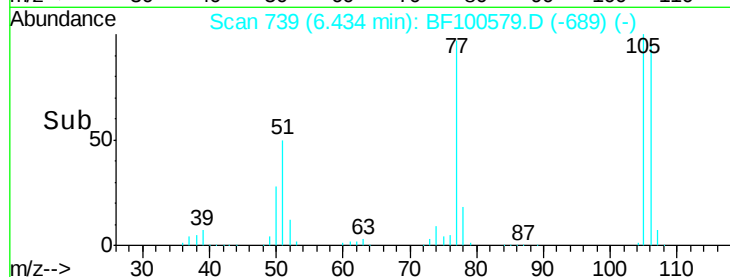
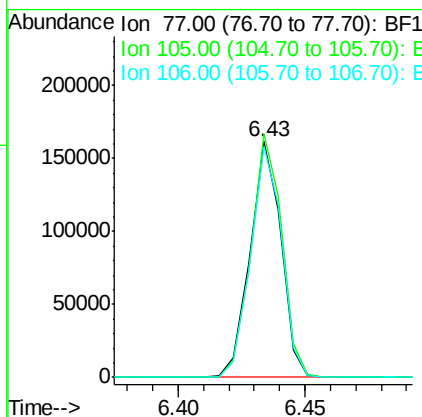
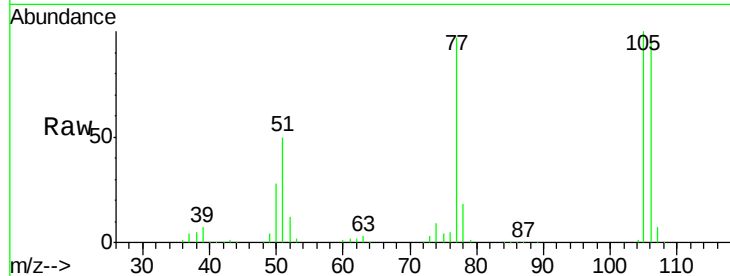
ClientSampleId :

PB104203BS

Tgt Ion: 77 Resp: 136963
 Ion Ratio Lower Upper
 77 100
 105 103.4 81.1 121.1
 106 98.2 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 35.077 ng

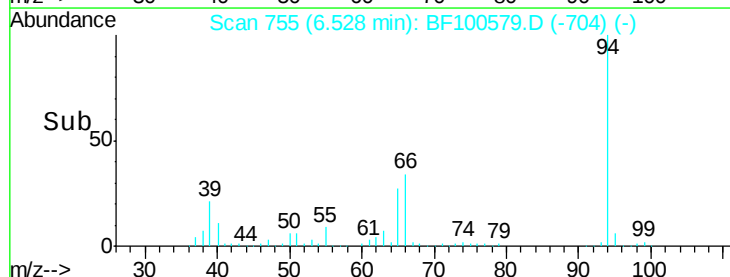
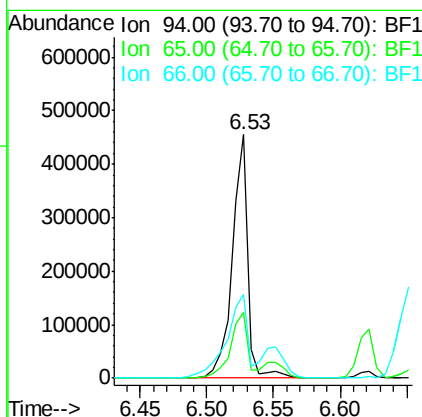
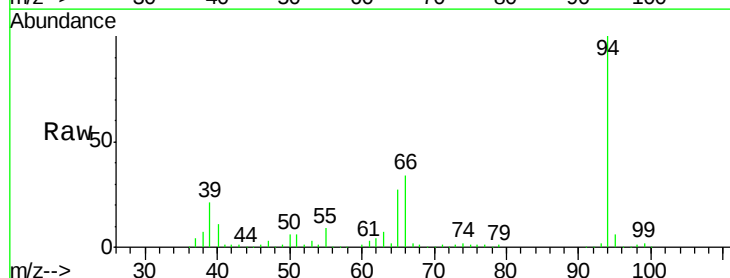
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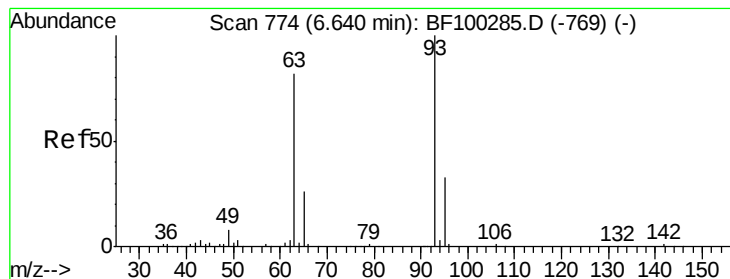
Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion: 94 Resp: 371130
 Ion Ratio Lower Upper
 94 100
 65 27.0 7.9 47.9
 66 34.4 16.2 56.2





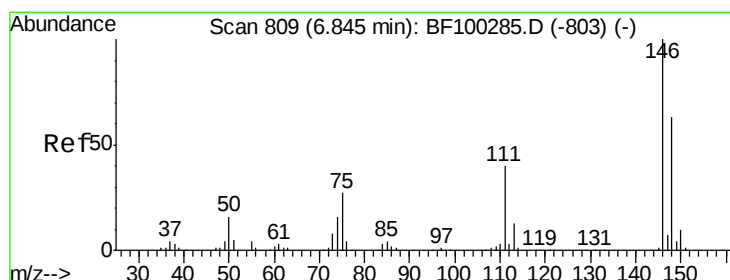
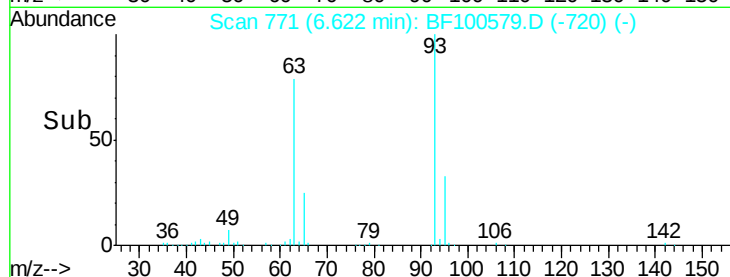
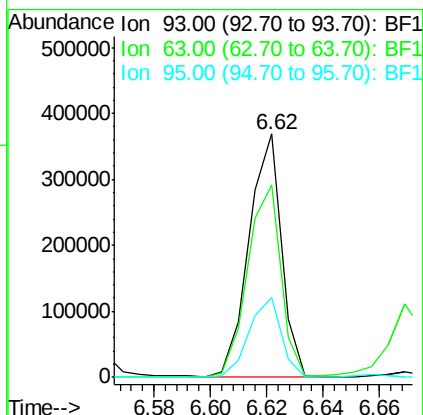
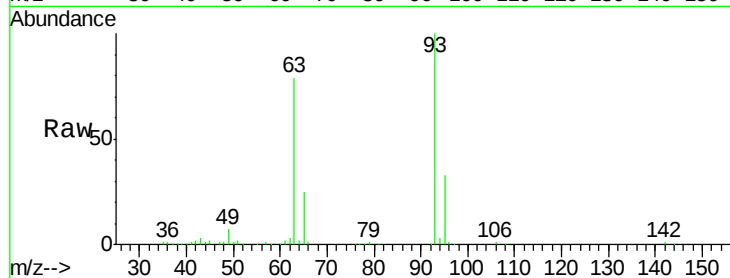
#11
bis(2-Chloroethyl)ether
Concen: 33.051 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	79.0	58.6	98.6
95	32.6	11.8	51.8

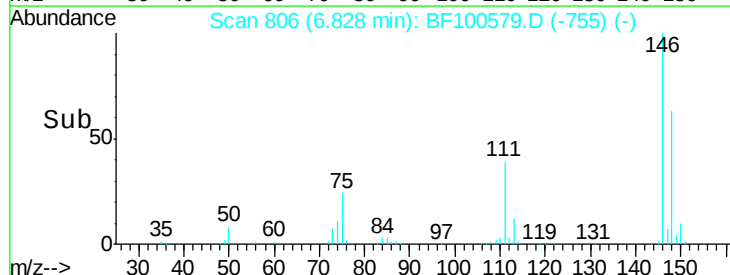
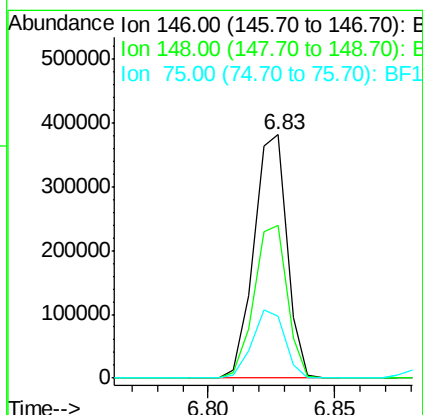
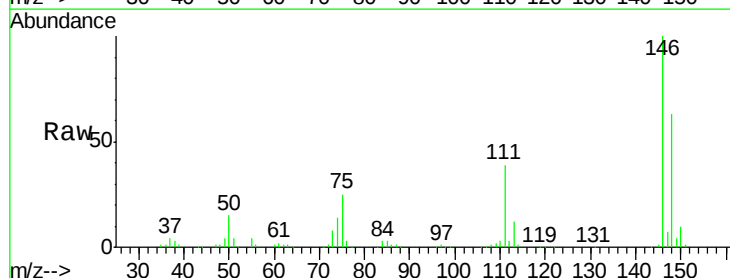
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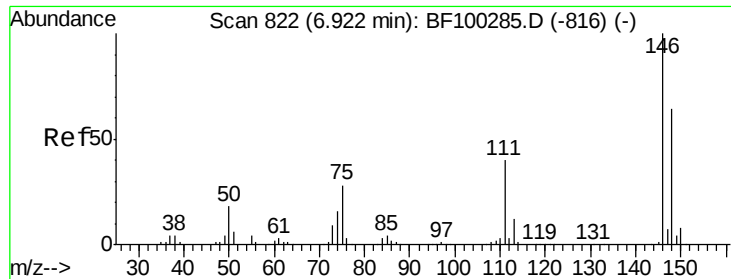
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#12
1,3-Dichlorobenzene
Concen: 35.011 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.8	51.8	77.8
75	25.4	24.2	36.4





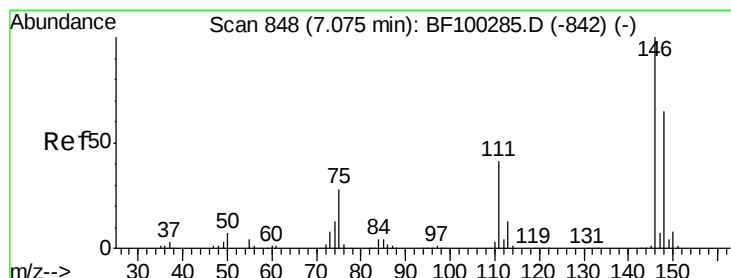
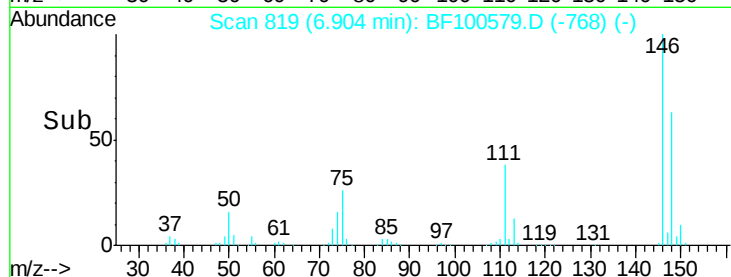
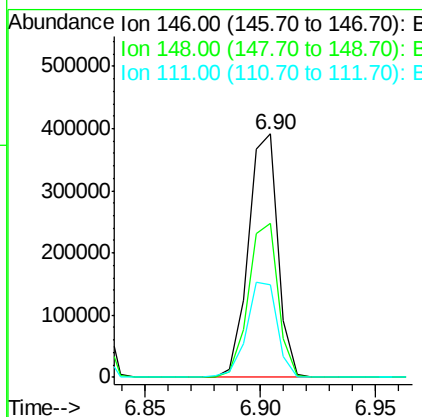
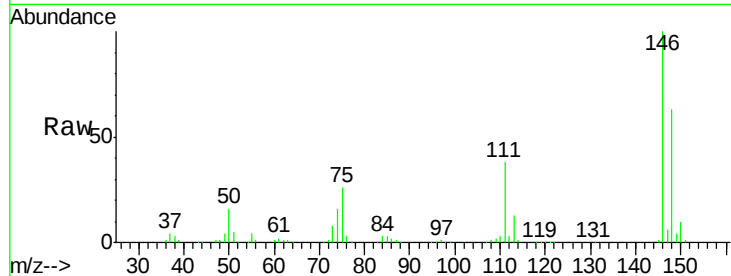
#13
 1,4-Dichlorobenzene
 Concen: 34.773 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	38.0	34.2	51.2

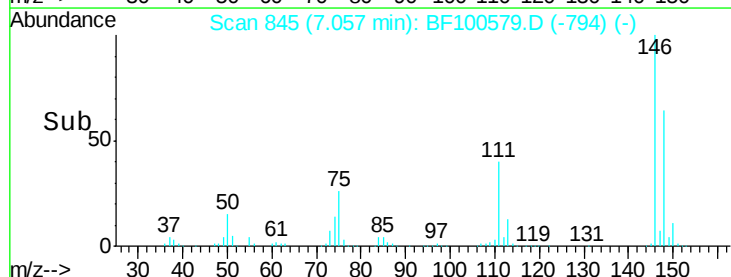
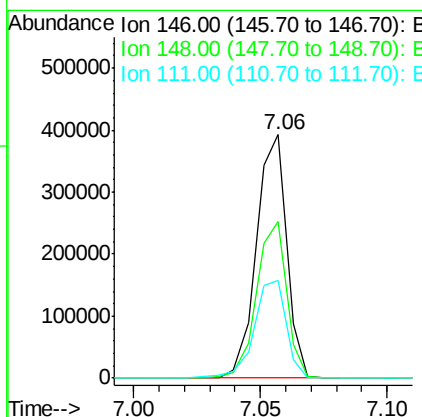
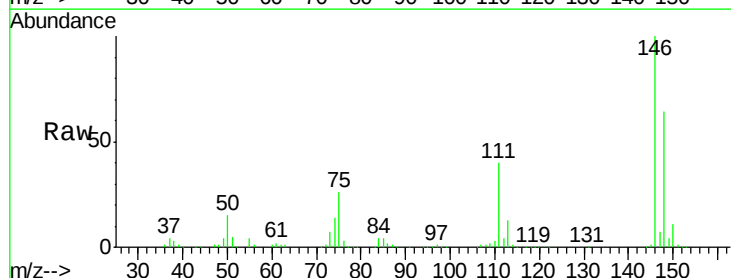
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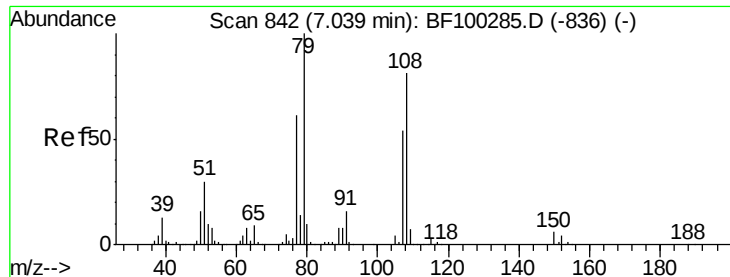
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#14
 1,2-Dichlorobenzene
 Concen: 35.178 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	40.1	36.0	54.0





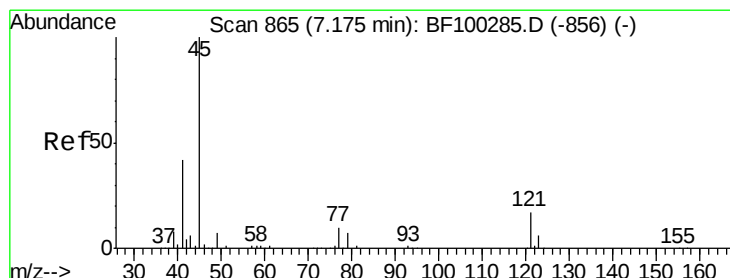
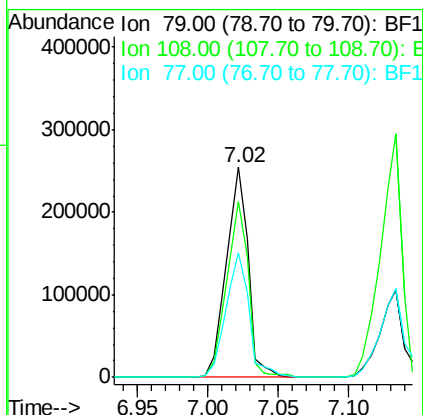
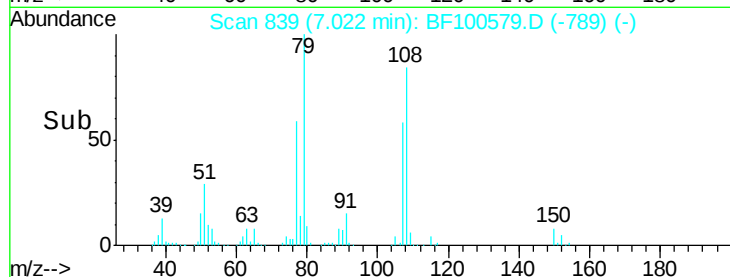
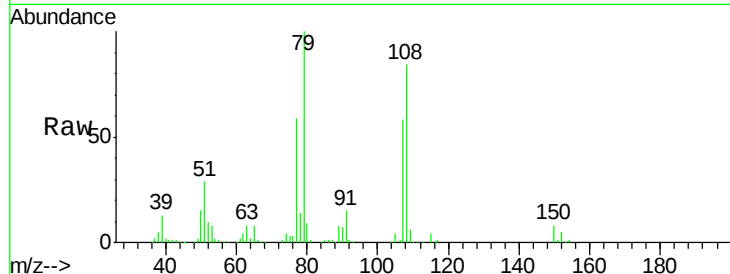
#15
Benzyl Alcohol
Concen: 34.806 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	273786		
108	83.9	65.1	97.7	
77	59.4	50.6	75.8	

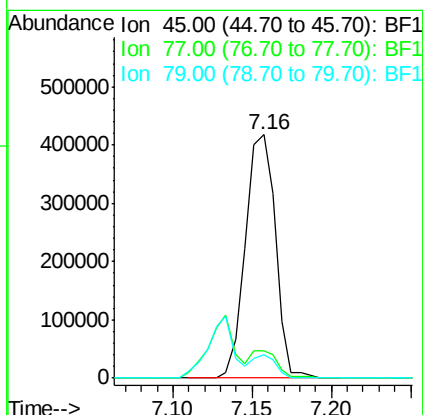
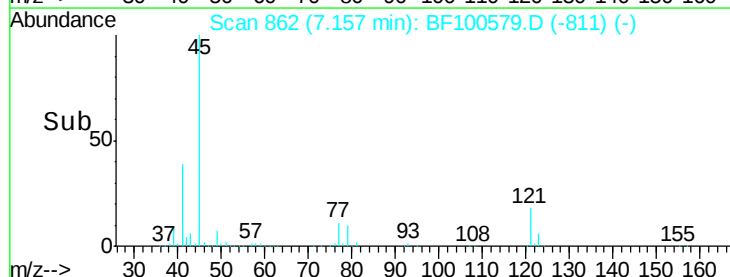
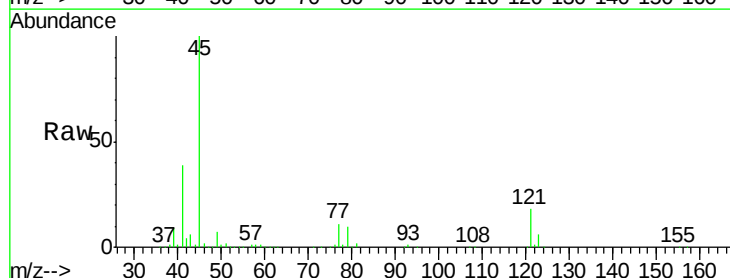
Manual Integrations
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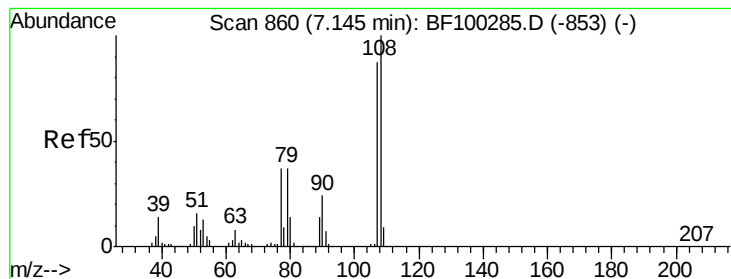
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.666 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	549599		
77	11.4	0.0	32.9	
79	9.6	0.0	29.6	





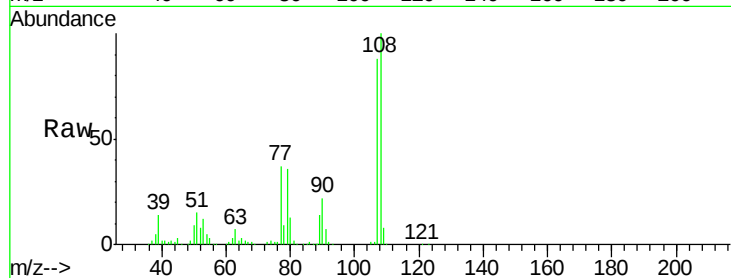
#17
2-Methylphenol
Concen: 36.940 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

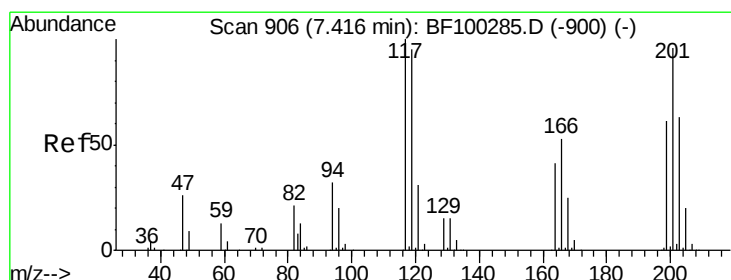
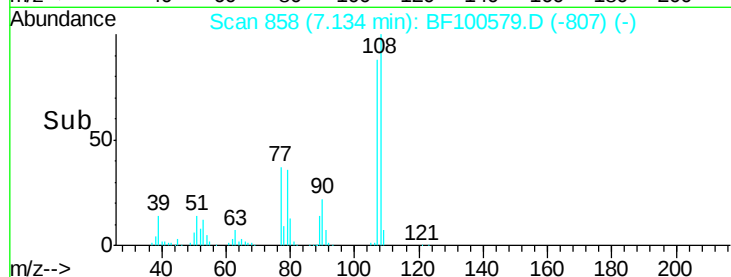
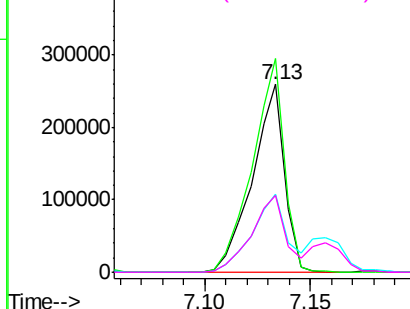
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	272950		
108	113.7	91.7	137.5	
77	41.5	33.8	50.8	
79	40.7	33.8	50.8	

Manual Integrations
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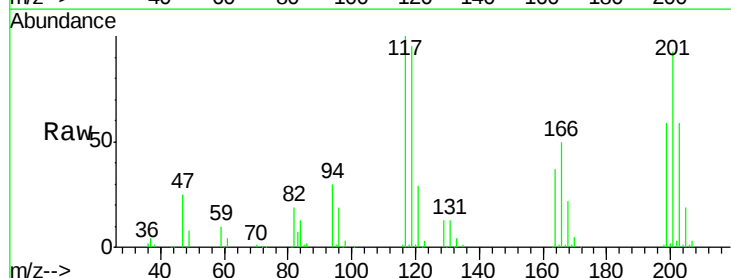


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

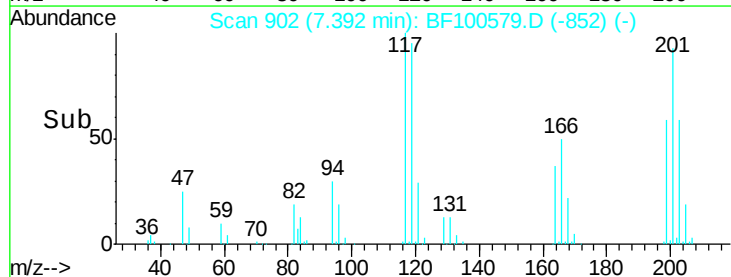
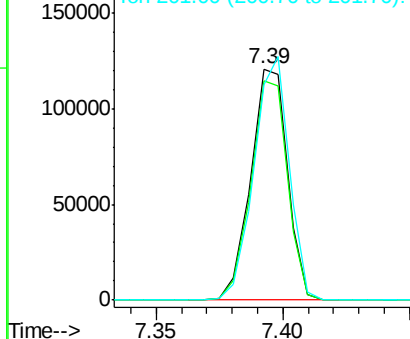


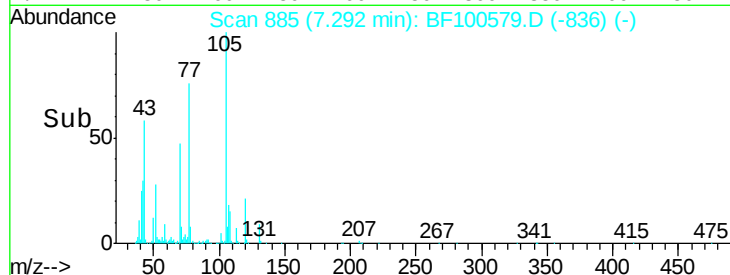
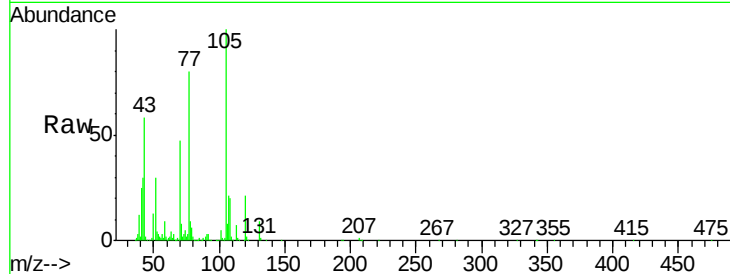
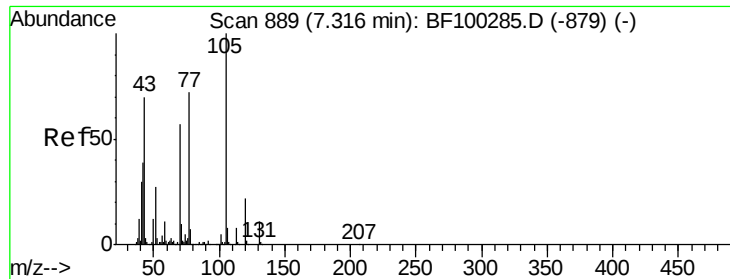
#18
Hexachloroethane
Concen: 36.754 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122269		
119	94.9	75.8	113.8	
201	93.1	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





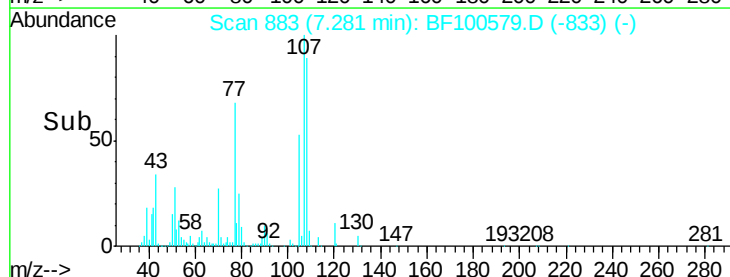
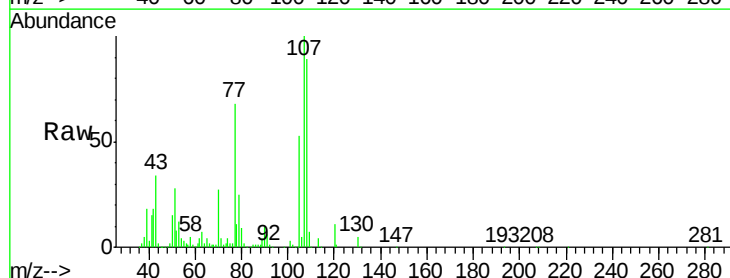
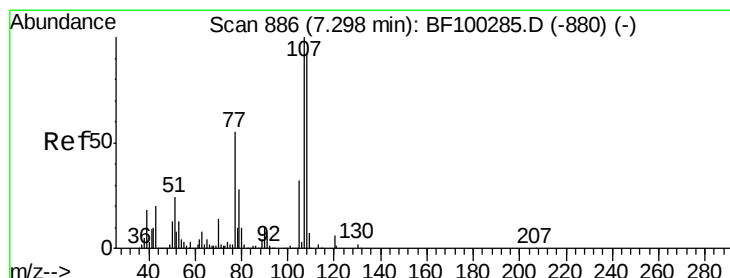
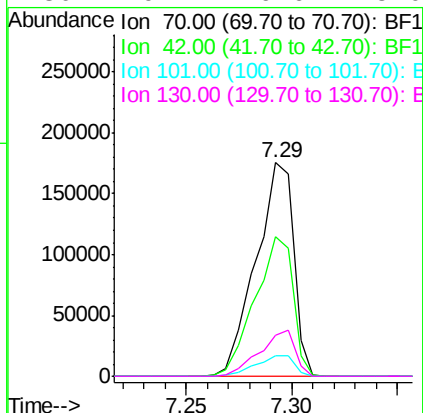
#19
n-Nitroso-di-n-propylamine
Concen: 31.144 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Manual Integrations
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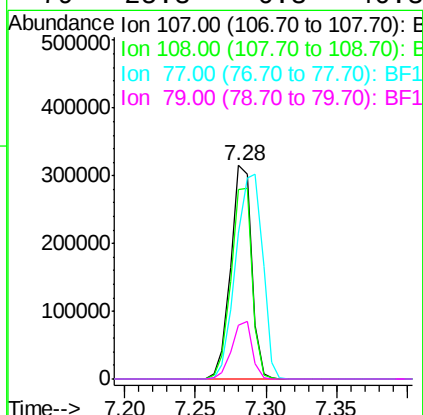
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Tgt Ion	70	Resp	217689
Ion Ratio	Lower	Upper	
70	100		
42	65.2	47.5	71.3
101	9.8	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.920 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	107	Resp	326510
Ion Ratio	Lower	Upper	
107	100		
108	88.5	68.2	108.2
77	68.4	26.7	66.7#
79	25.3	6.3	46.3





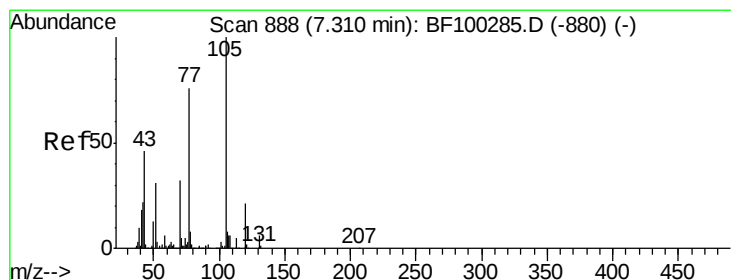
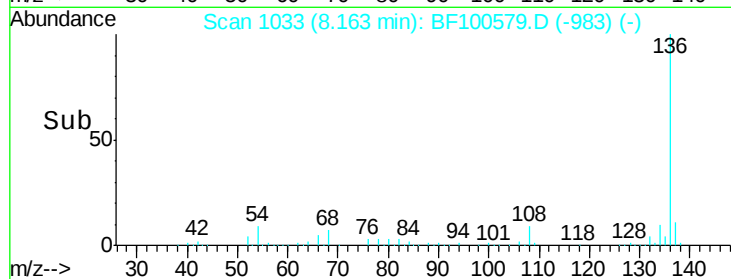
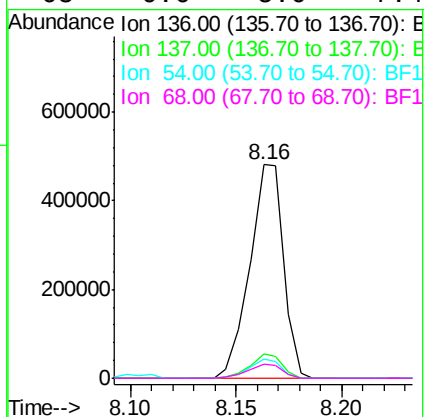
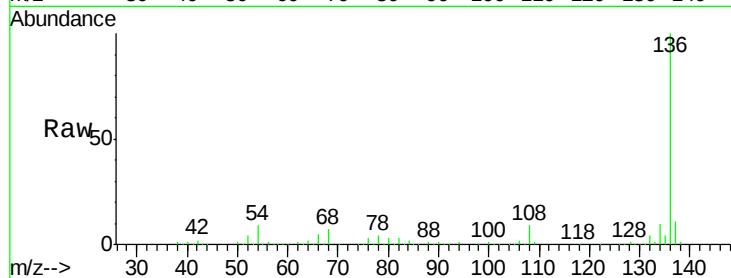
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	534726		
137	11.4	8.9	13.3	
54	8.8	6.6	9.8	
68	6.6	5.0	7.4	

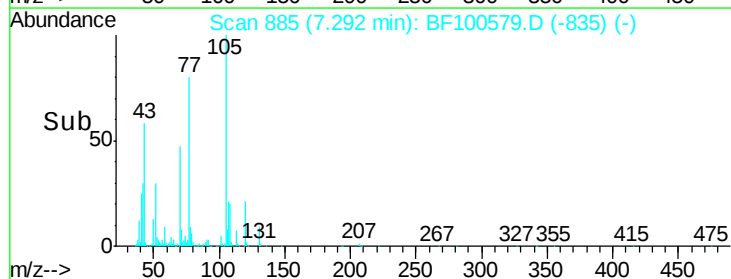
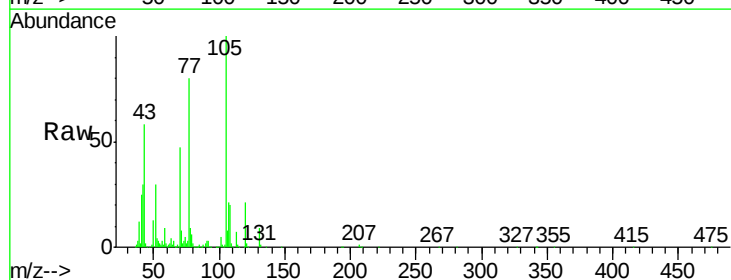
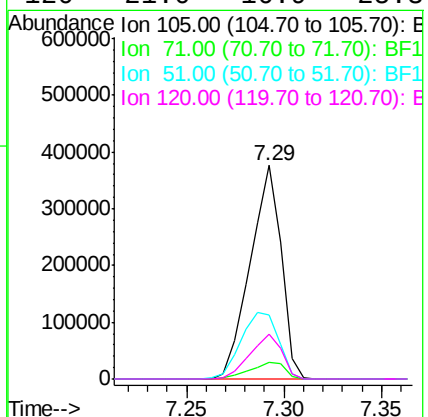
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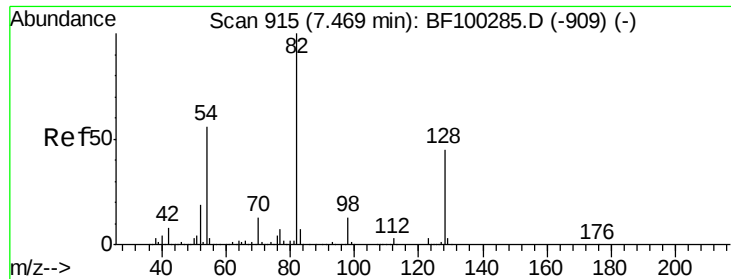
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#22
Acetophenone
Concen: 31.901 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415963		
71	7.7	4.4	6.6#	
51	30.1	22.3	33.5	
120	21.0	16.9	25.3	





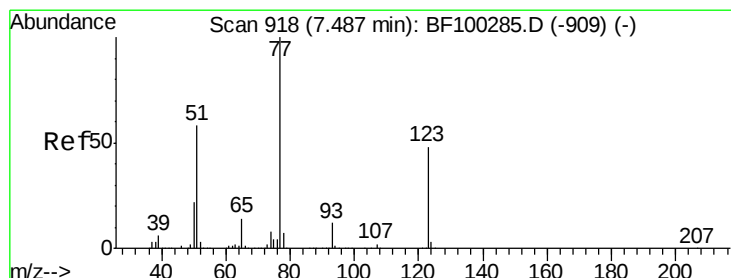
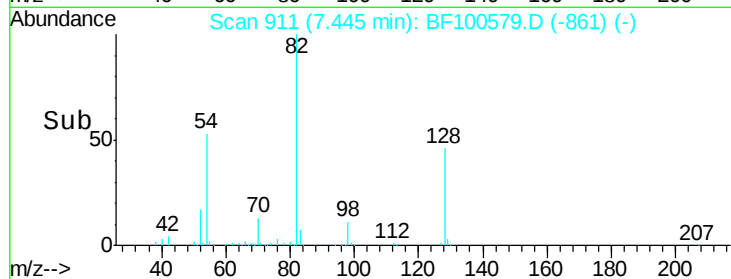
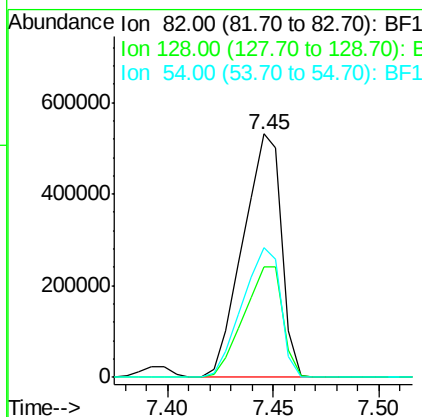
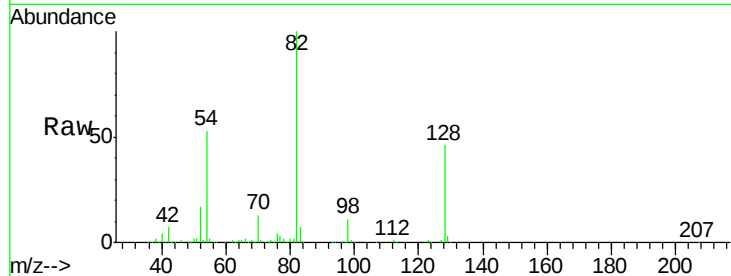
#23
 Nitrobenzene-d5
 Concen: 82.792 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	669623		
128	45.5	36.1	54.1	
54	53.2	41.4	62.2	

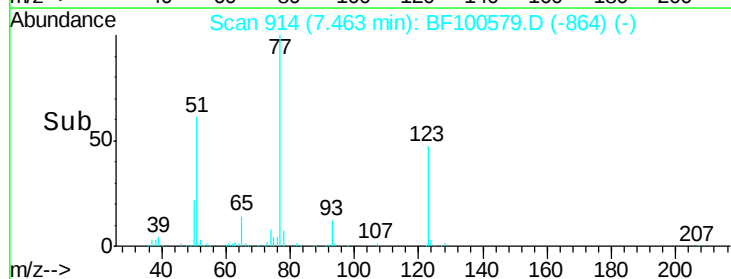
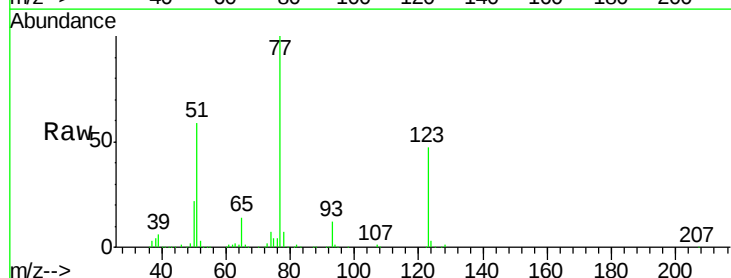
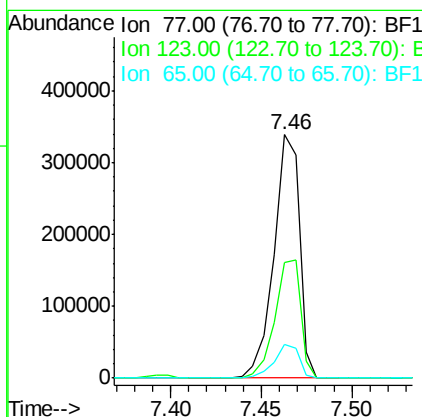
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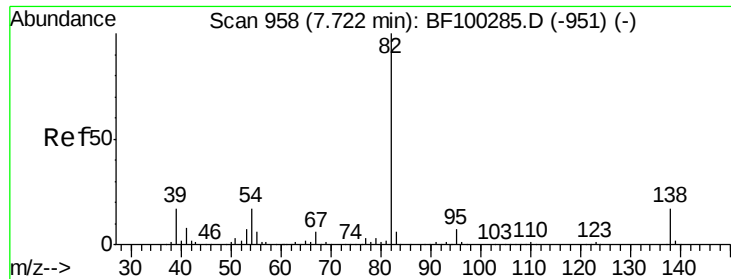
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#24
 Nitrobenzene
 Concen: 39.788 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	331220		
123	47.3	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 36.655 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

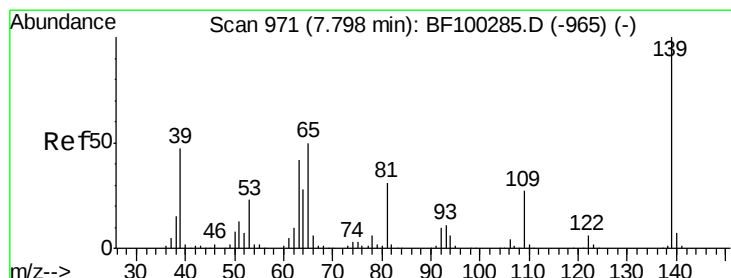
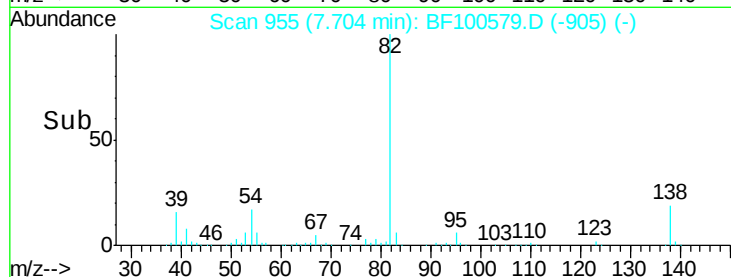
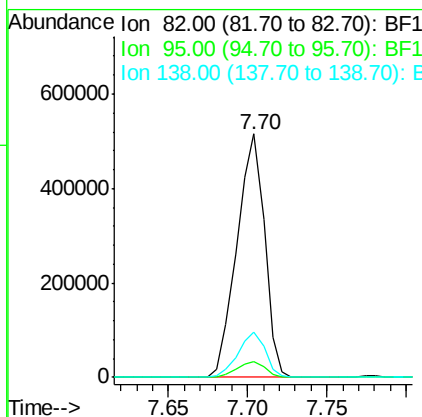
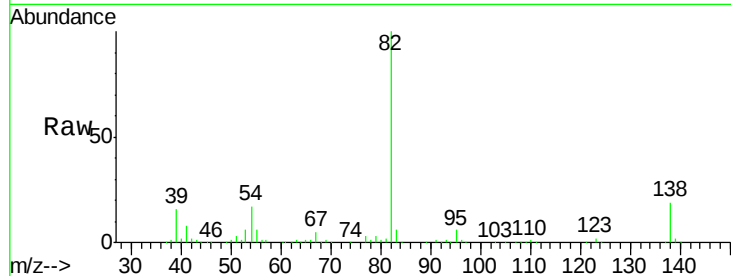
ClientSampleId :

PB104203BS

Tgt Ion:	82	Resp:	623004
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 46.318 ng

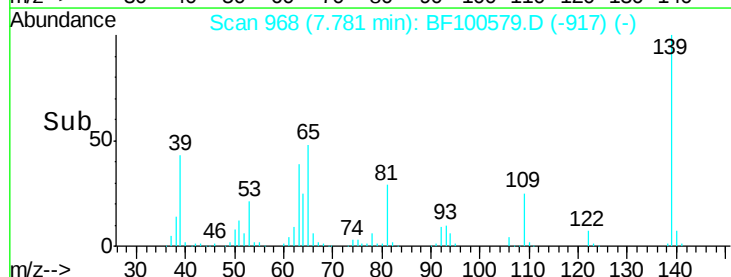
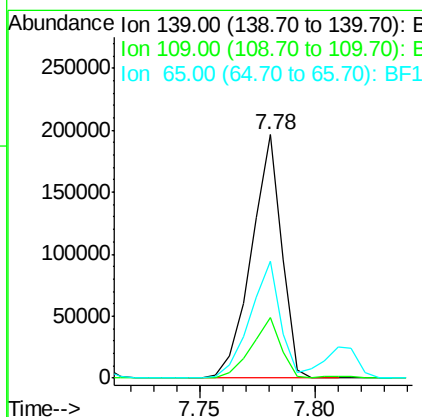
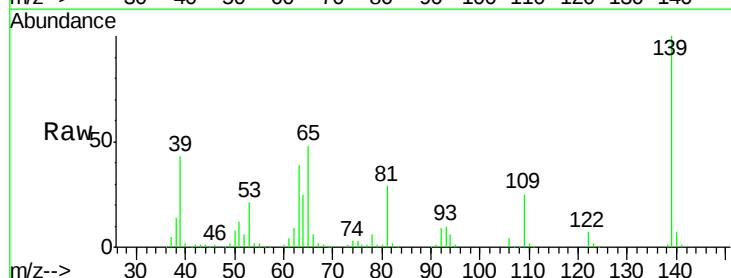
RT: 7.78 min Scan# 968

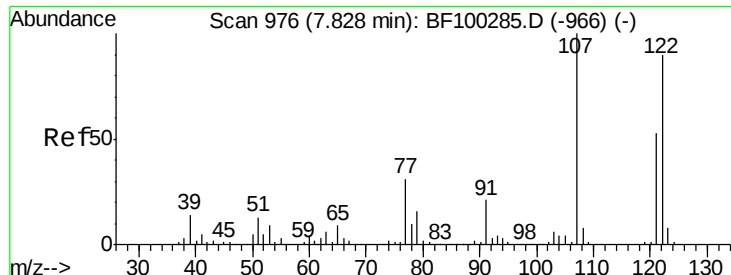
Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion:	139	Resp:	179951
Ion Ratio		Lower	Upper
139	100		
109	24.9	22.7	34.1
65	48.2	40.5	60.7





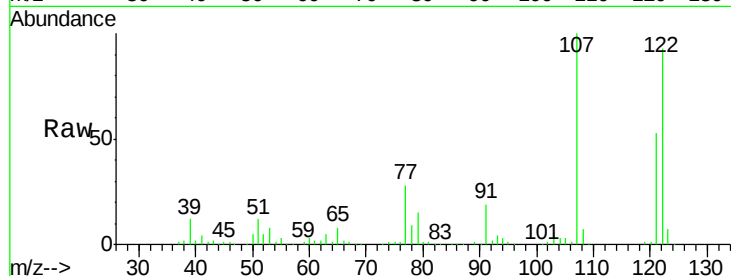
#27
 2,4-Dimethylphenol
 Concen: 40.376 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.0	91.2	136.8
121	57.7	47.2	70.8

Manual Integrations
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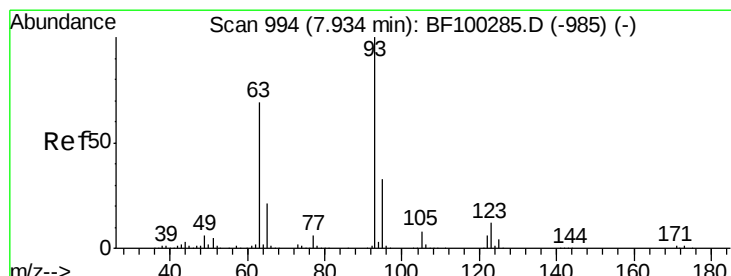
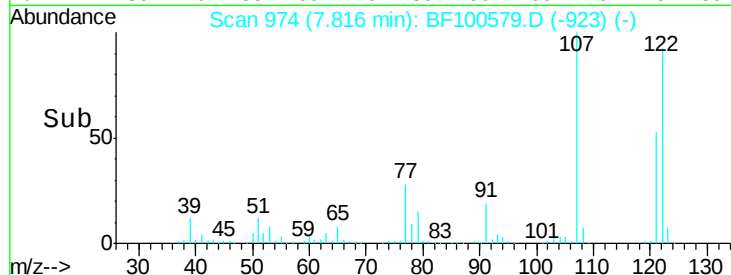
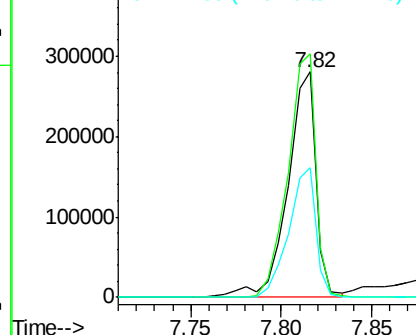


Abundance

Ion 122.00 (121.70 to 122.70): E

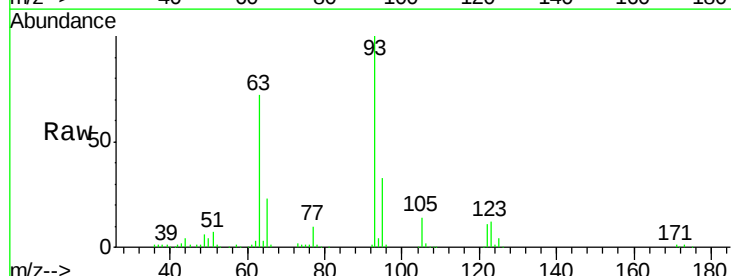
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.672 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	12.2	9.8	14.6

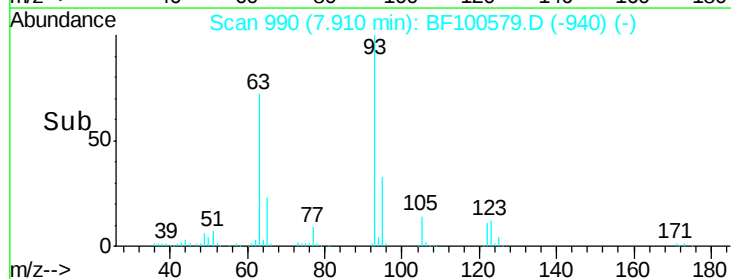
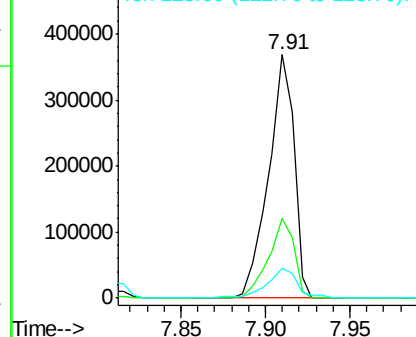


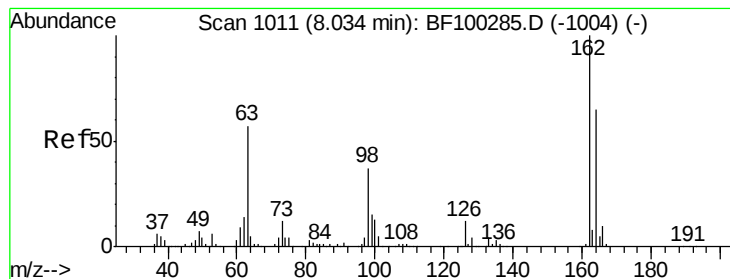
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.818 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

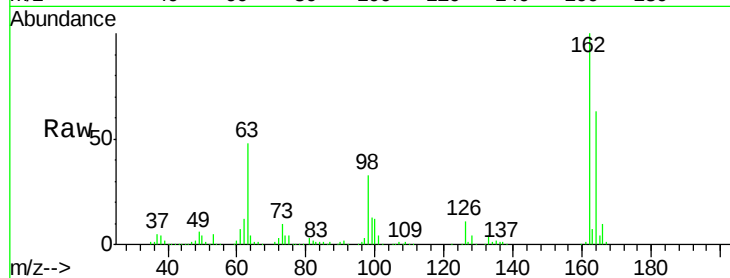
ClientSampleId :

PB104203BS

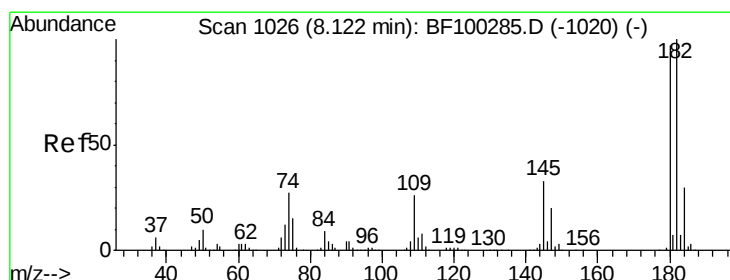
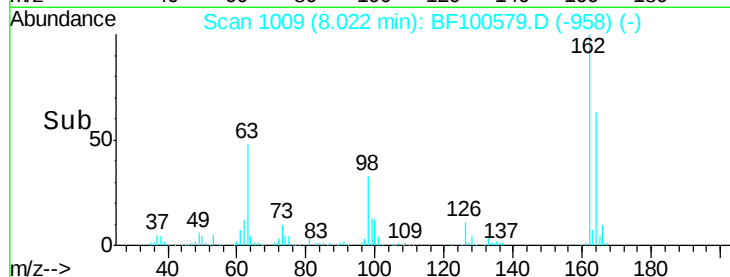
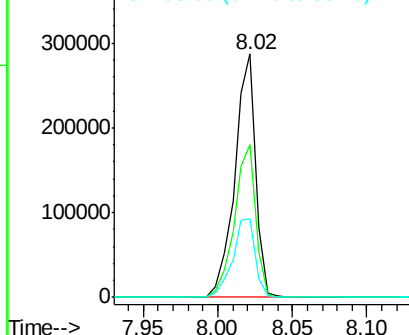
Tgt Ion:	162	Resp:	282345
Ion Ratio	Lower	Upper	
162	100		
164	62.7	42.7	82.7
98	32.5	18.1	58.1

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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: 36.246 ng

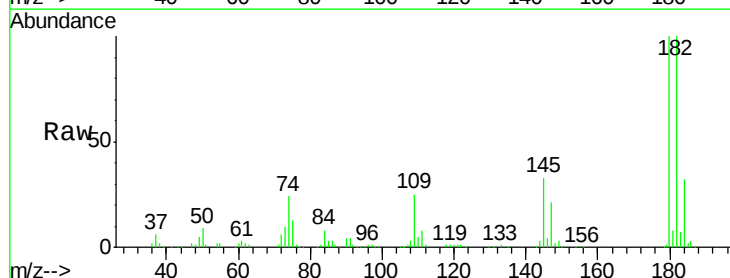
RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

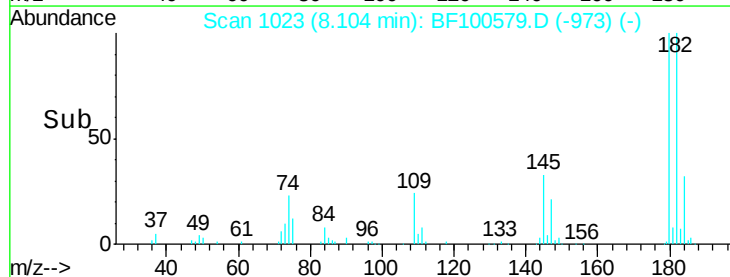
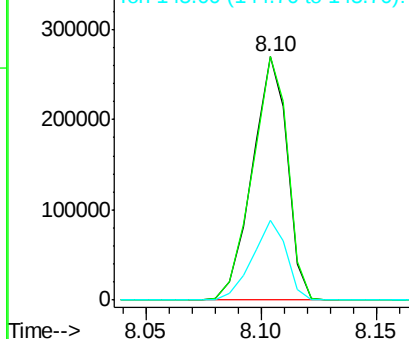
Lab File: BF100579.D

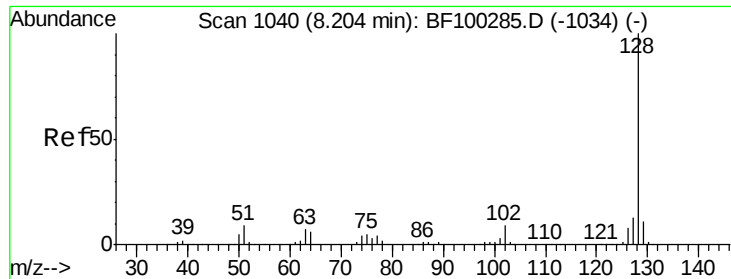
Acq: 15 Nov 2017 11:14

Tgt Ion:	180	Resp:	285176
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.8	115.2
145	32.7	26.5	39.7



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





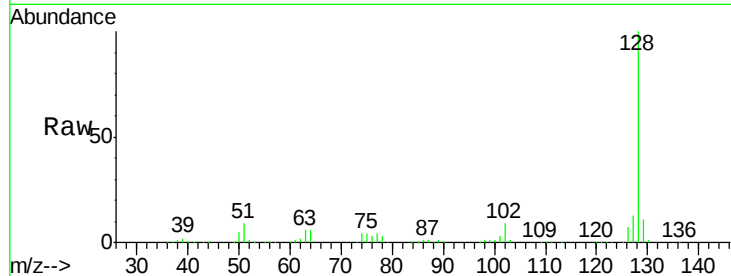
#31
Naphthalene
Concen: 35.241 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

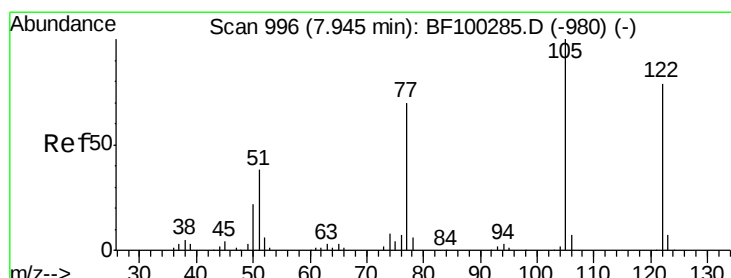
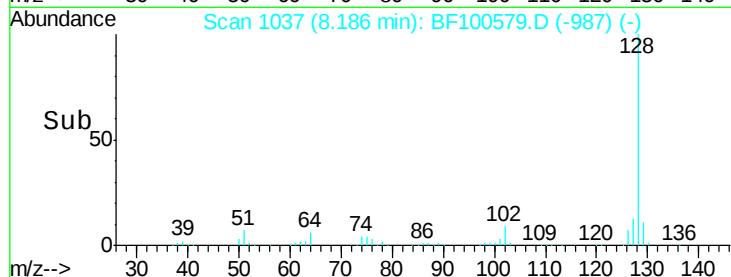
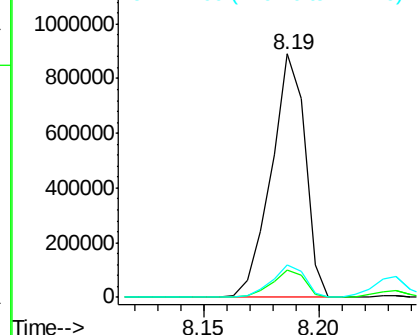
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	907648		
129	11.1	8.8	13.2	
127	13.4	10.9	16.3	

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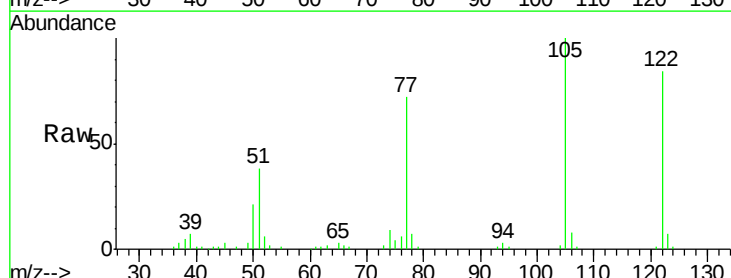


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

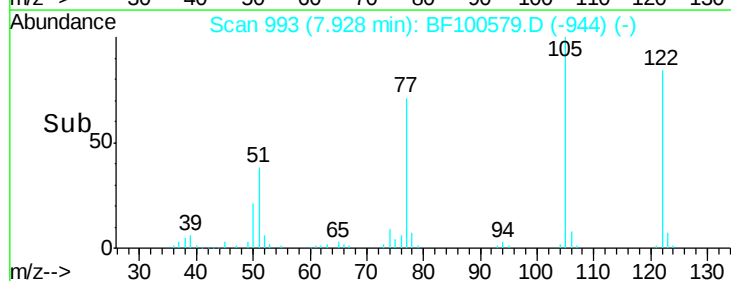
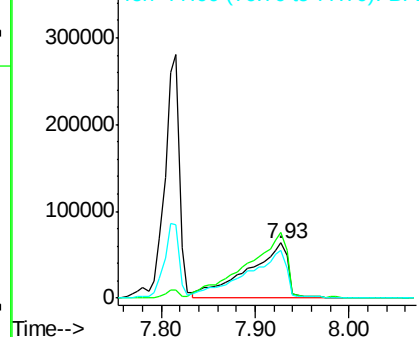


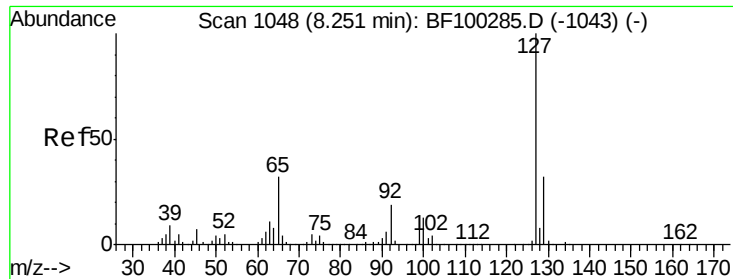
#32
Benzoic acid
Concen: 35.021 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	185961		
105	118.7	101.1	141.1	
77	85.8	70.7	110.7	



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





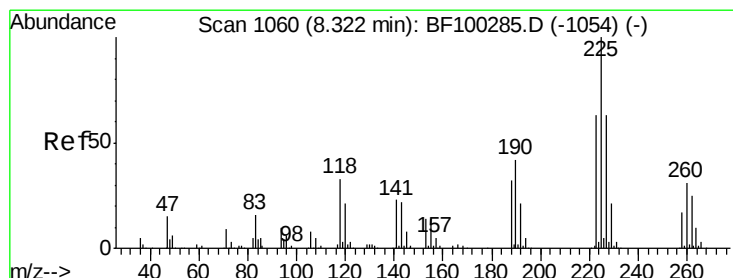
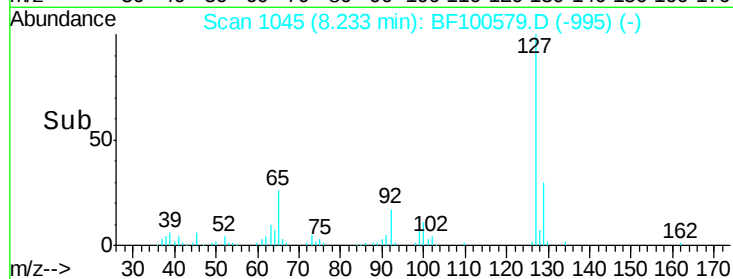
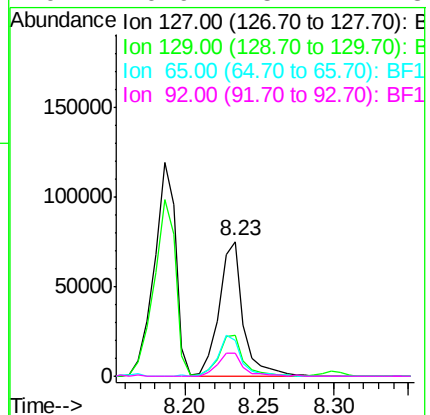
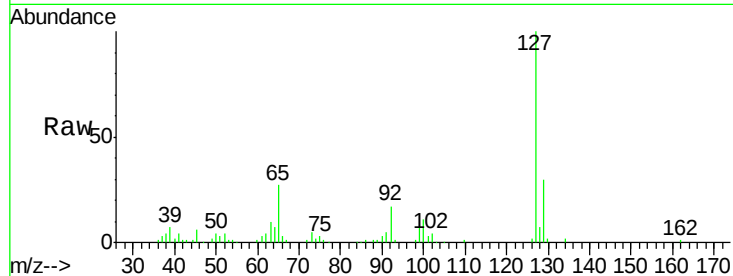
#33
4-Chloroaniline
Concen: 7.985 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	85606		
129	30.5	25.9	38.9	
65	26.9	25.0	37.4	
92	16.9	15.2	22.8	

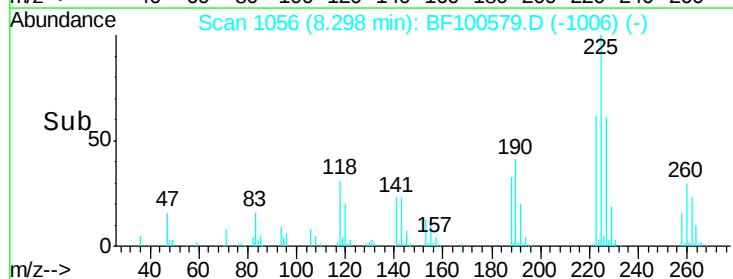
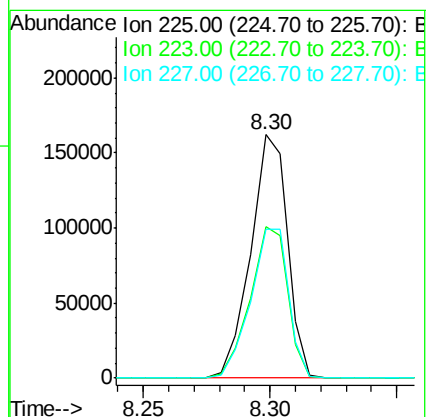
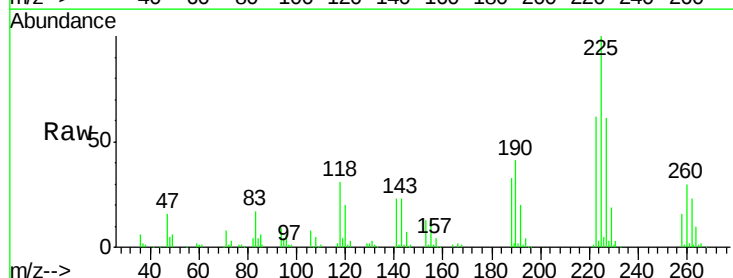
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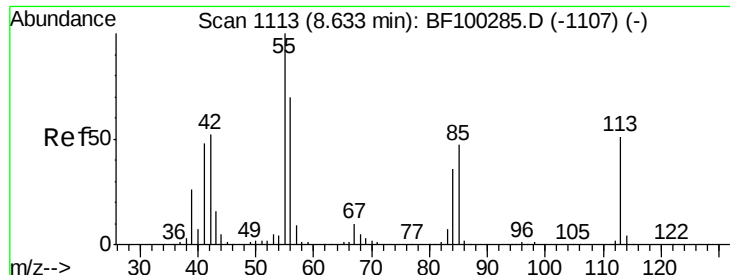
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#34
Hexachlorobutadiene
Concen: 35.156 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164458		
223	62.0	50.6	76.0	
227	61.4	51.9	77.9	





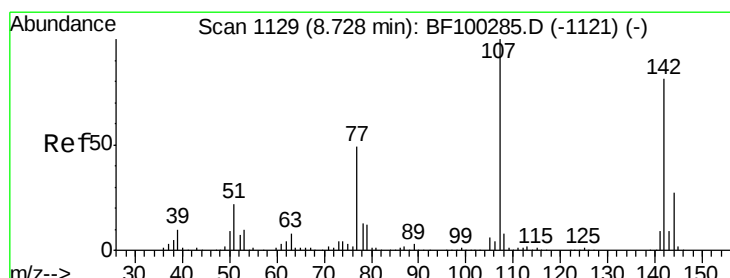
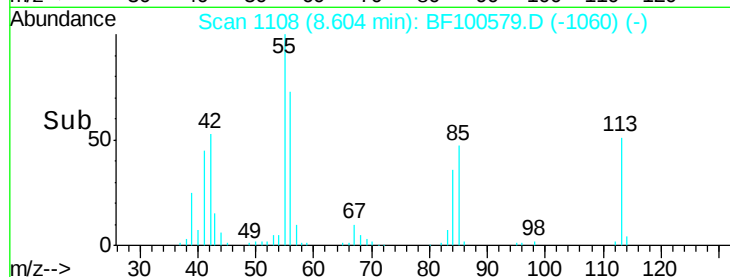
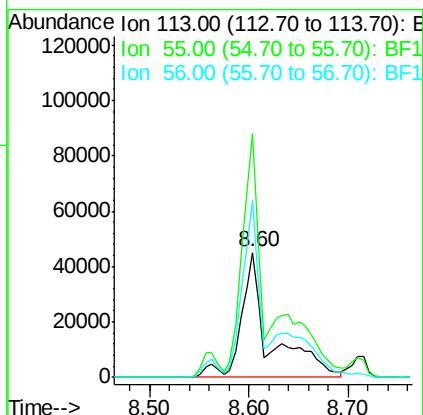
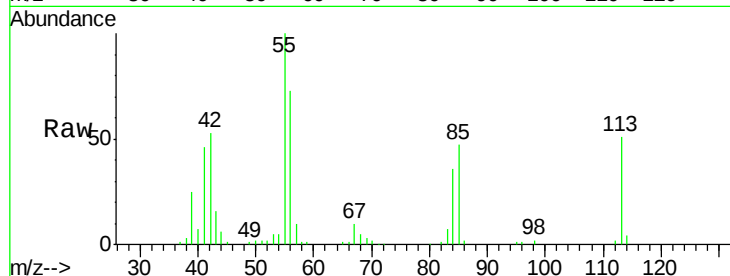
#35
 Caprolactam
 Concen: 36.355 ng m
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	195.3	163.3	203.3
56	142.4	115.7	155.7

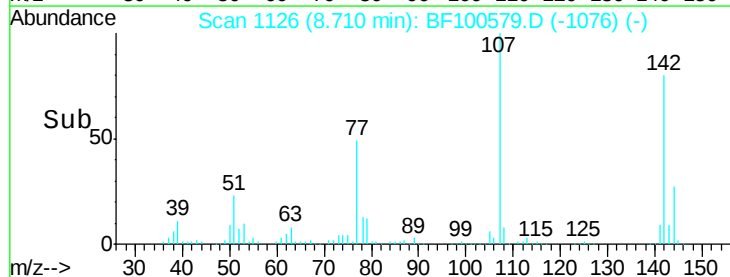
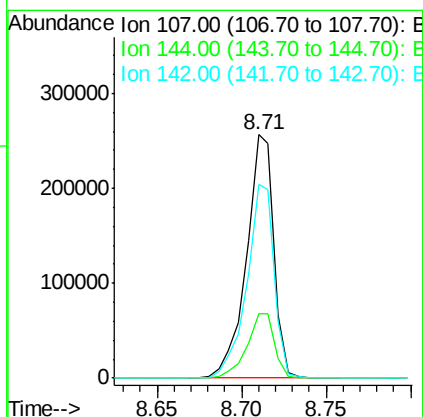
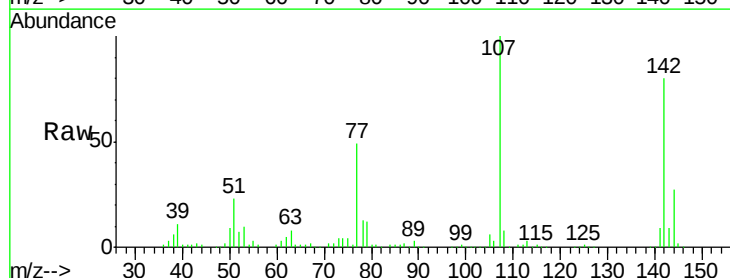
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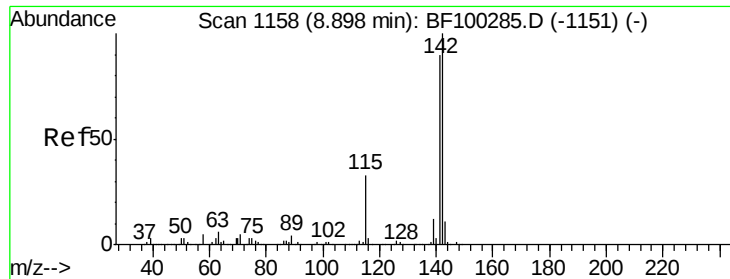
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#36
 4-Chloro-3-methylphenol
 Concen: 37.201 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	79.5	62.0	93.0





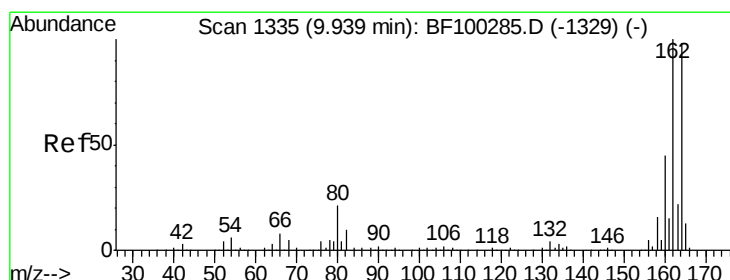
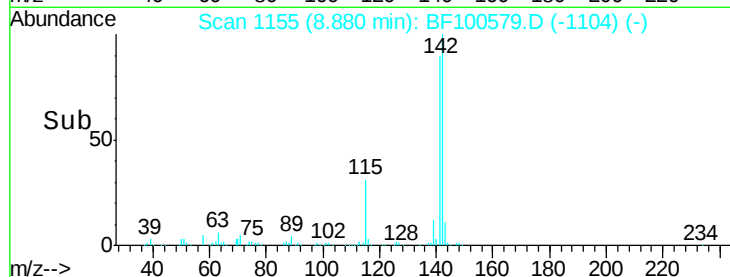
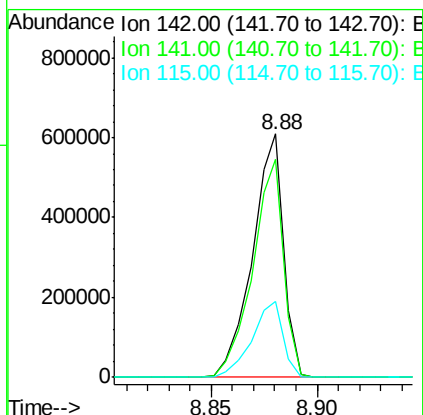
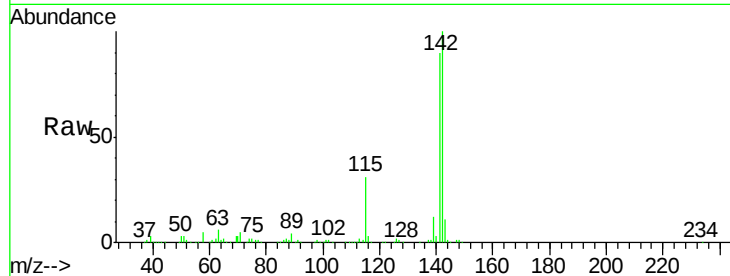
#37
2-Methylnaphthalene
Concen: 36.425 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	31.4	26.1	39.1

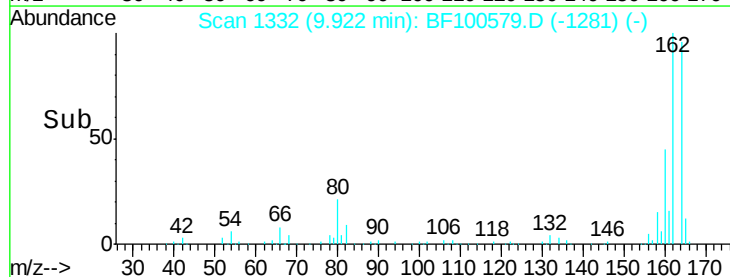
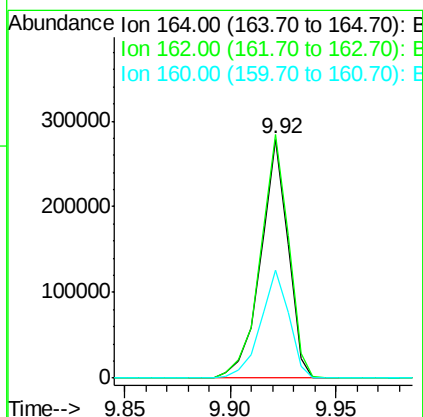
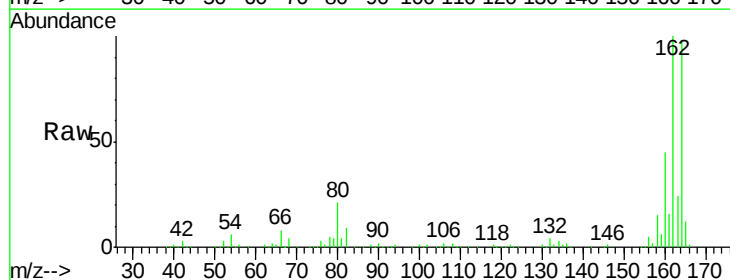
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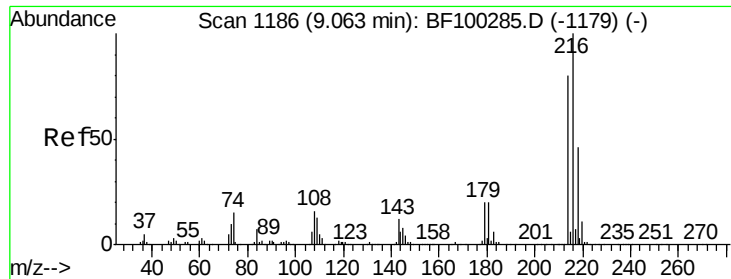
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.4	38.3	57.5





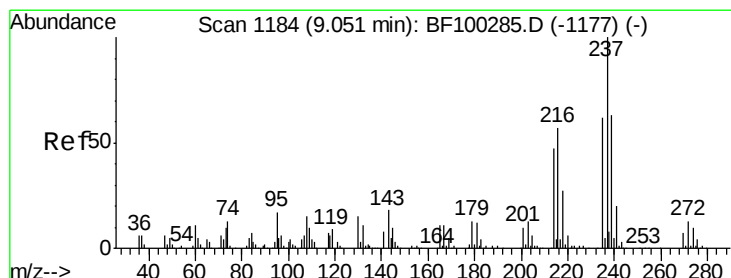
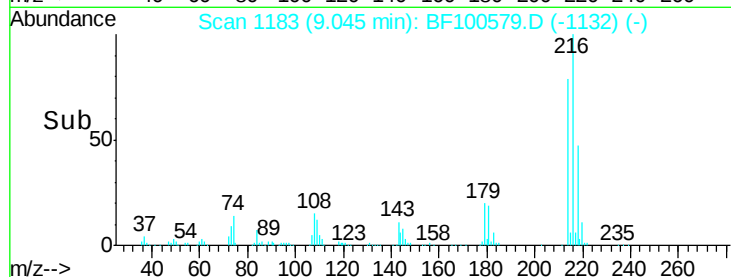
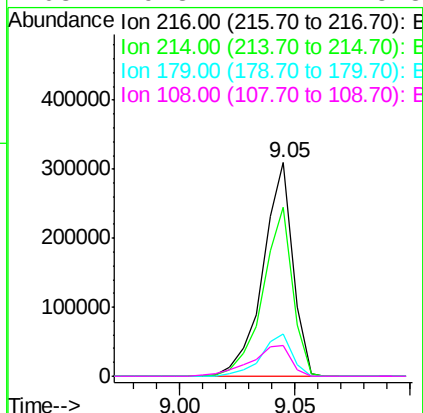
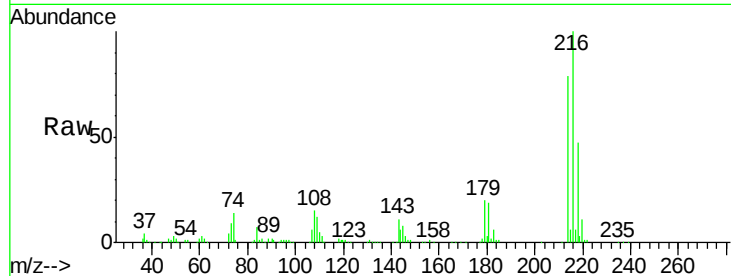
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.314 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	278463		
214	78.9	63.0	94.4	
179	20.3	18.1	27.1	
108	19.3	17.2	25.8	

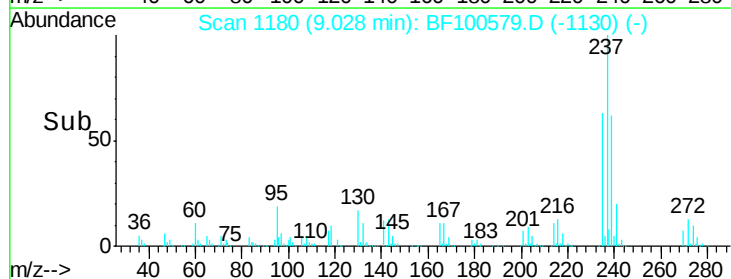
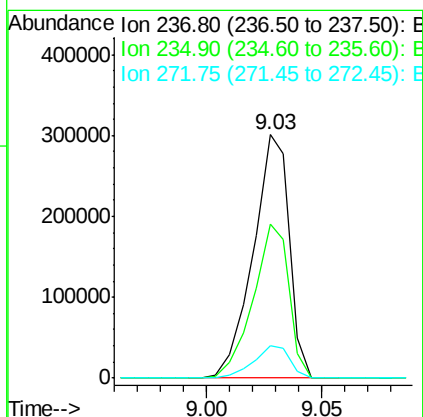
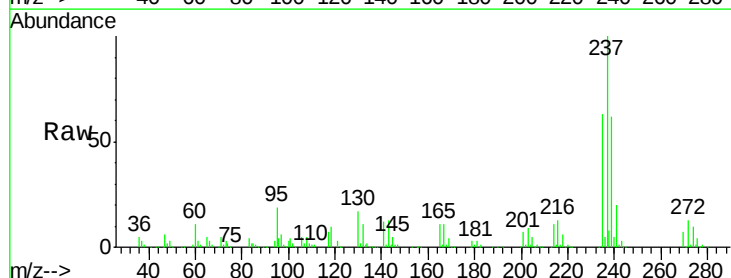
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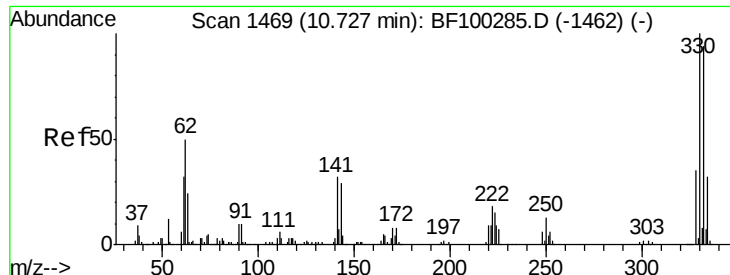
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#40
 Hexachlorocyclopentadiene
 Concen: 83.361 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	327946		
235	63.0	44.8	84.8	
272	13.4	0.0	33.3	





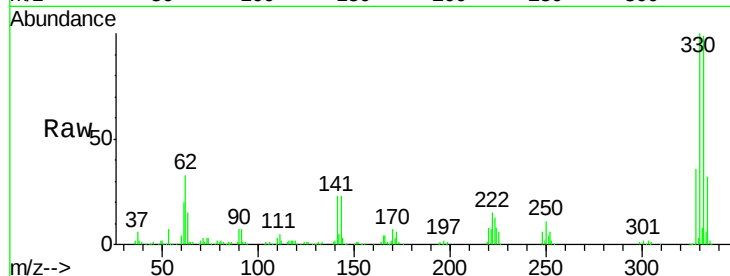
#41
 2,4,6-Tribromophenol
 Concen: 111.860 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

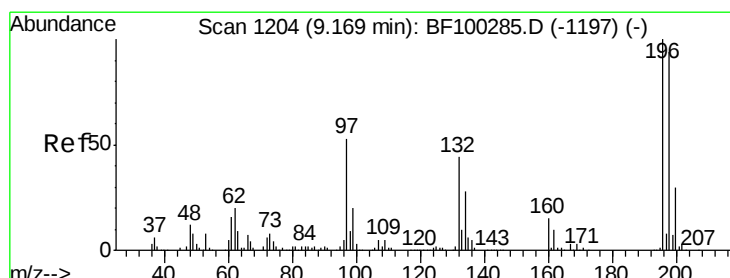
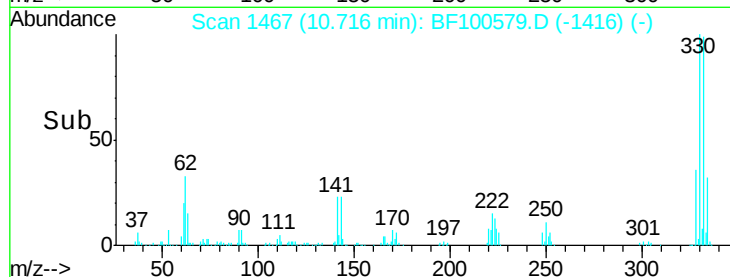
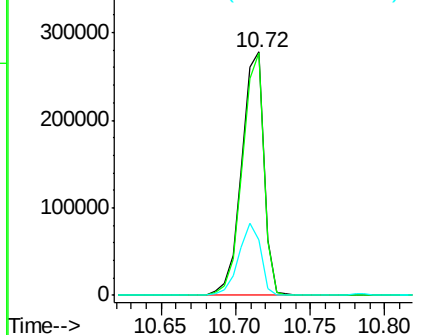
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287284		
332	96.2	77.0	115.6	
141	29.5	29.9	44.9	

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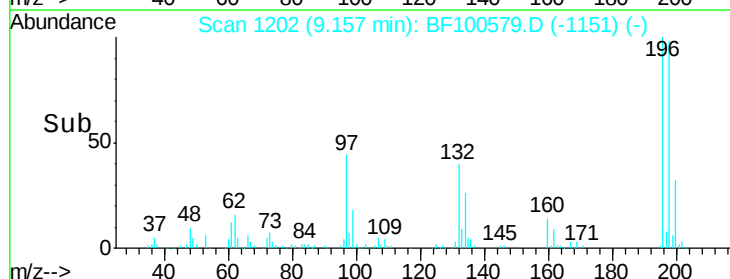
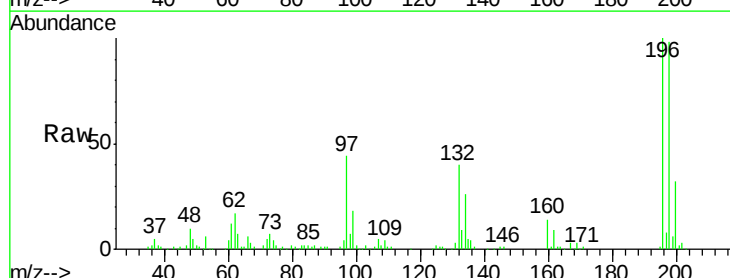
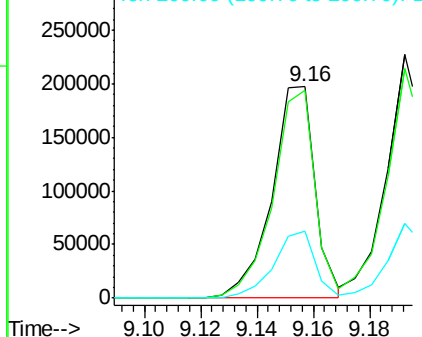
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

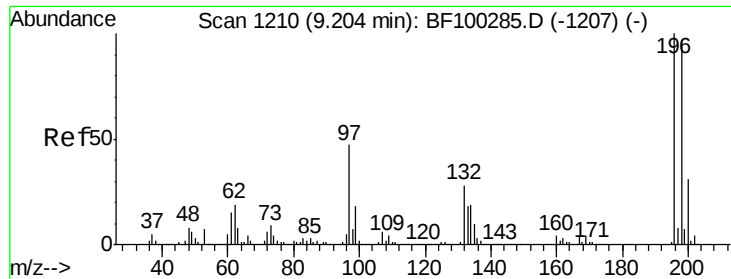


#42
 2,4,6-Trichlorophenol
 Concen: 39.530 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209415		
198	98.2	75.7	113.5	
200	31.5	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





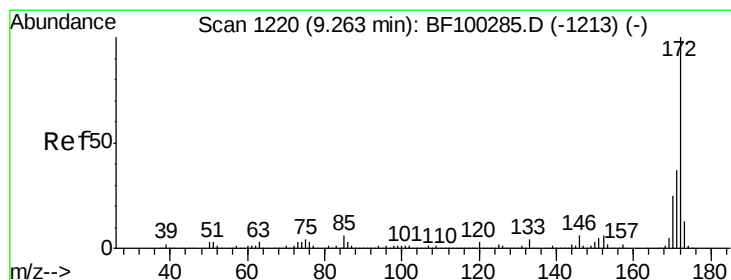
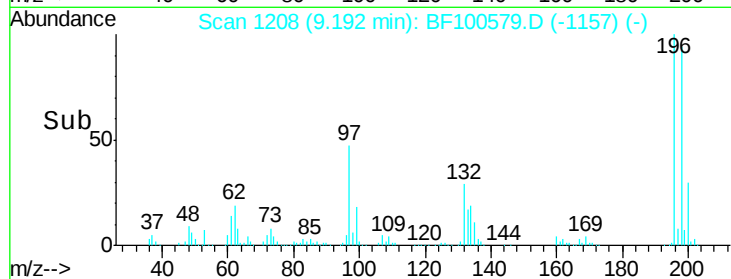
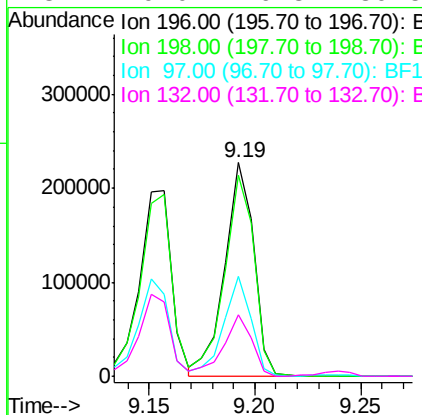
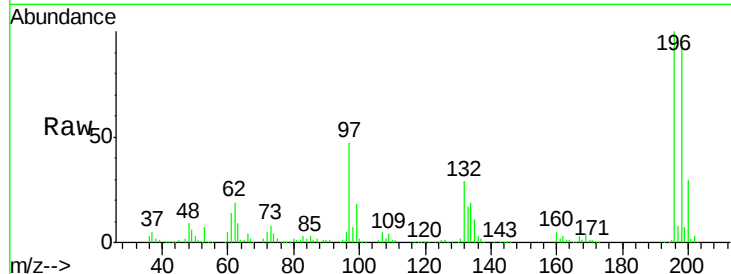
#43
 2,4,5-Trichlorophenol
 Concen: 39.376 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216125		
198	94.2	74.6	112.0	
97	46.9	42.9	64.3	
132	29.0	26.3	39.5	

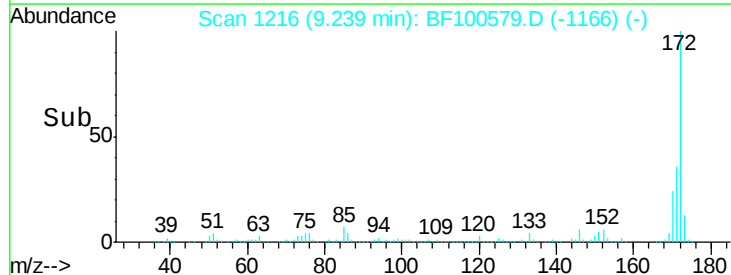
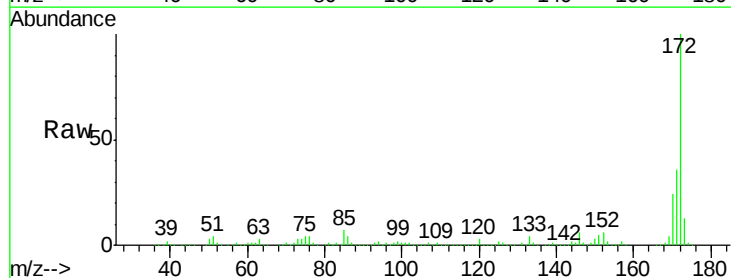
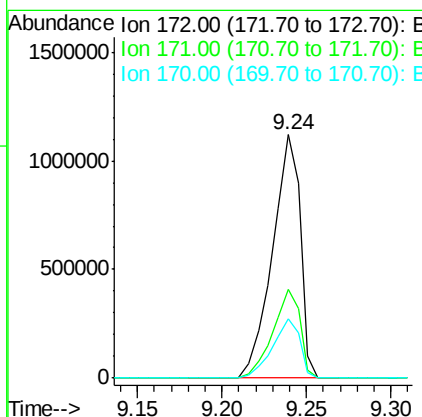
Manual Integrations
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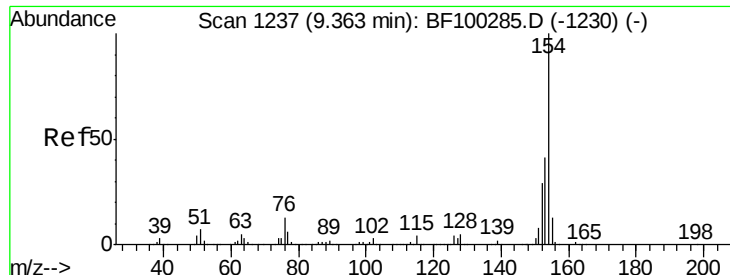
SOHIL
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#44
 2-Fluorobiphenyl
 Concen: 77.222 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1278161		
171	36.5	29.7	44.5	
170	24.2	19.6	29.4	





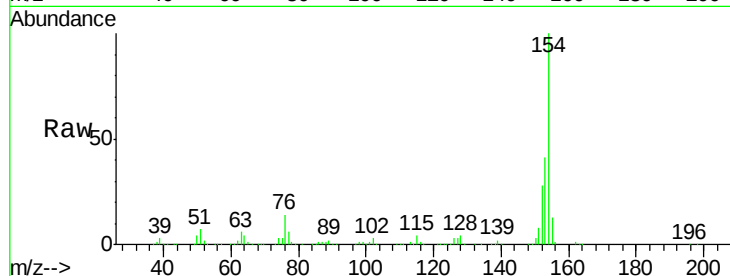
#45
 1,1'-Biphenyl
 Concen: 33.945 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

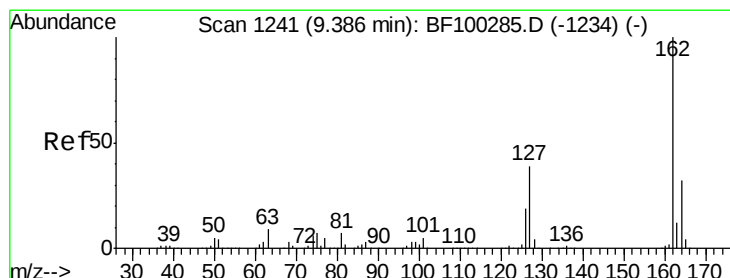
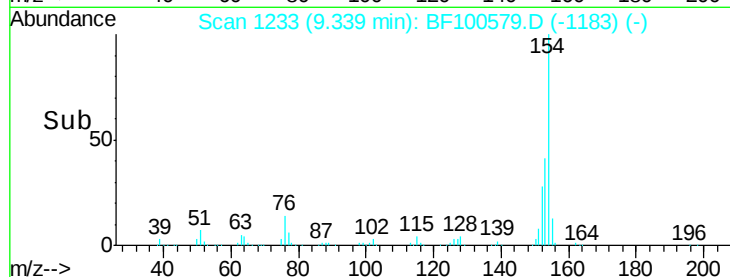
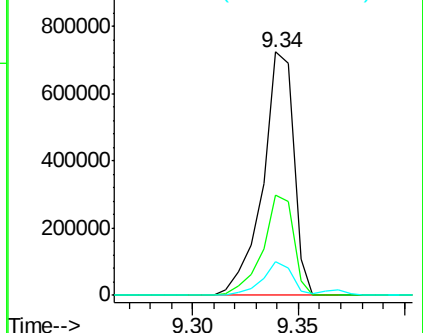
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.9	21.3	61.3
76	13.8	0.0	34.0

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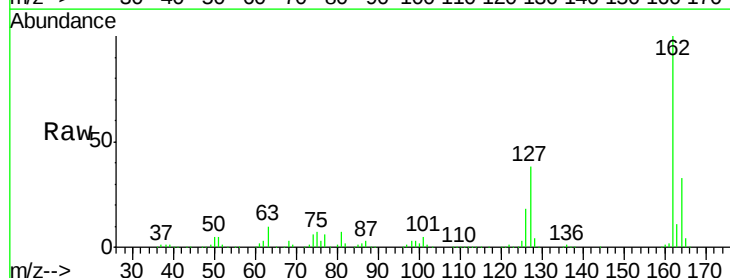


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

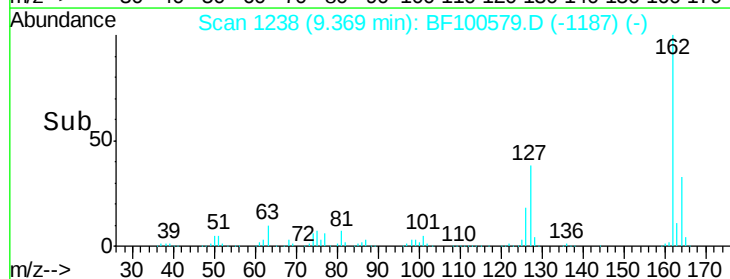
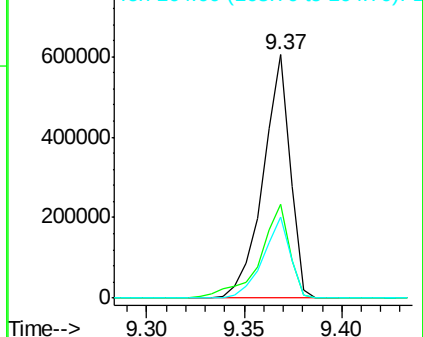


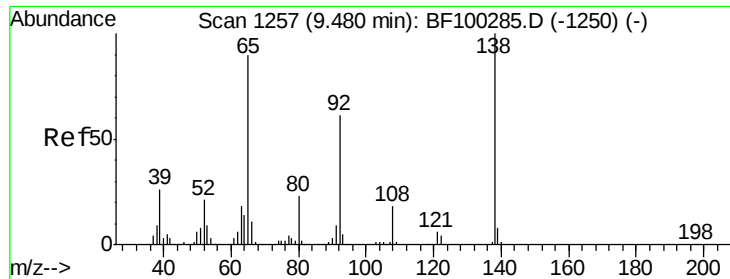
#46
 2-Chloronaphthalene
 Concen: 36.639 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.3	33.9	50.9
164	33.2	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





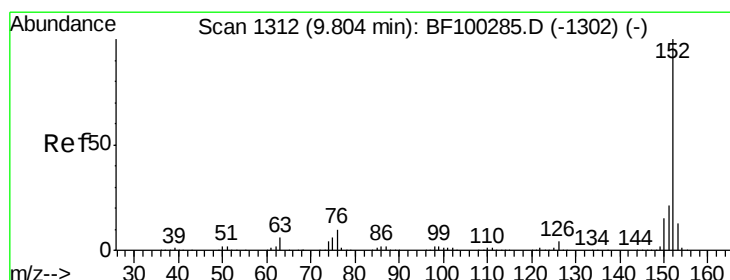
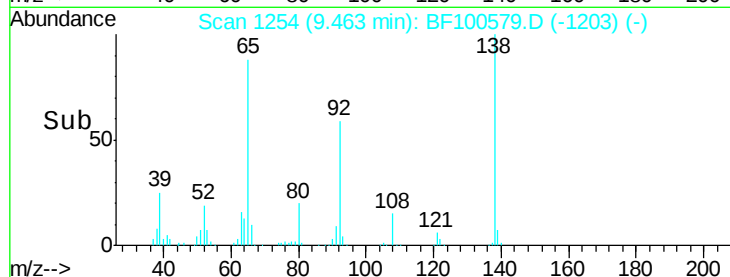
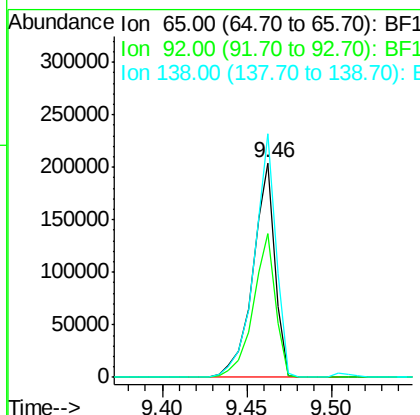
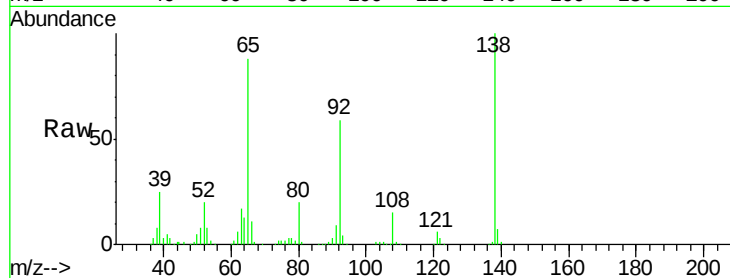
#47
2-Nitroaniline
Concen: 40.494 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	187058		
92	67.2	55.8	83.6	
138	113.5	91.2	136.8	

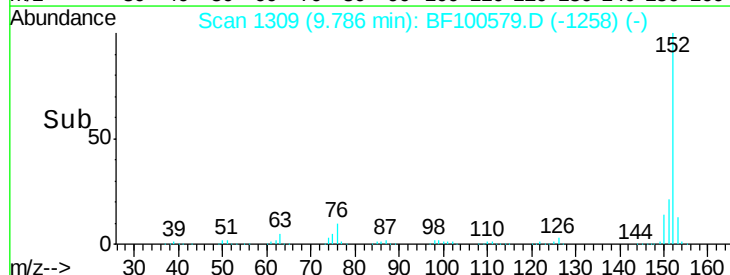
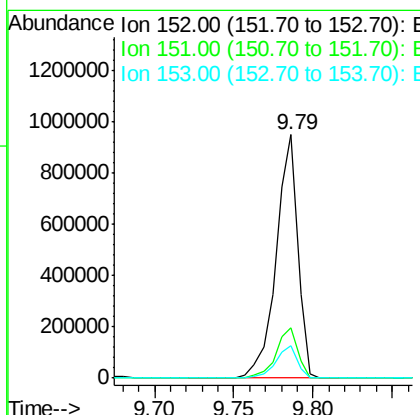
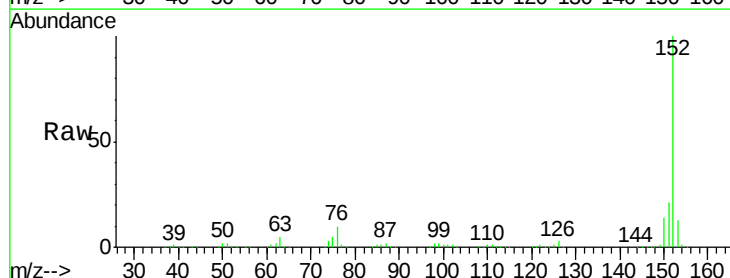
Manual Integrations
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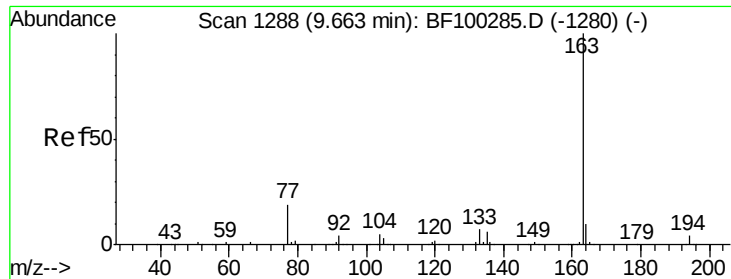
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#48
Acenaphthylene
Concen: 34.511 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	904438		
151	20.7	16.3	24.5	
153	13.2	10.7	16.1	





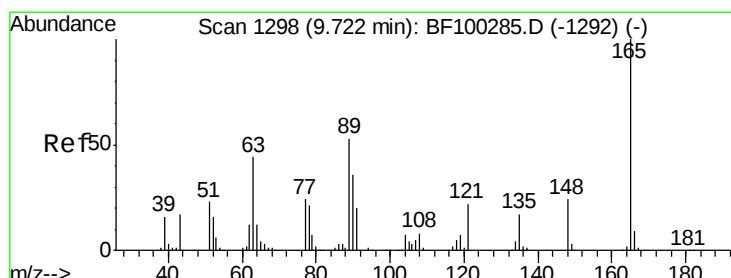
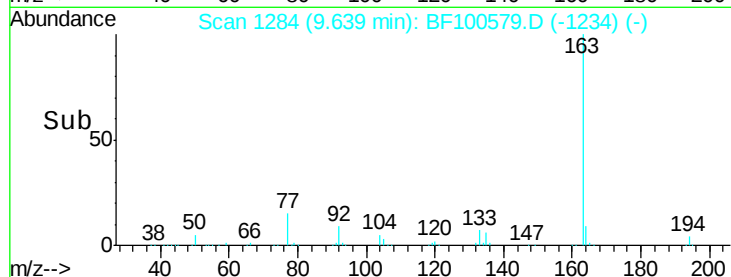
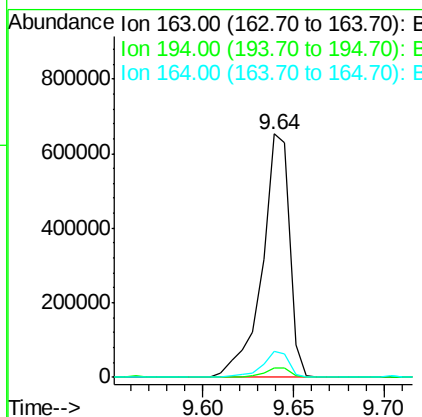
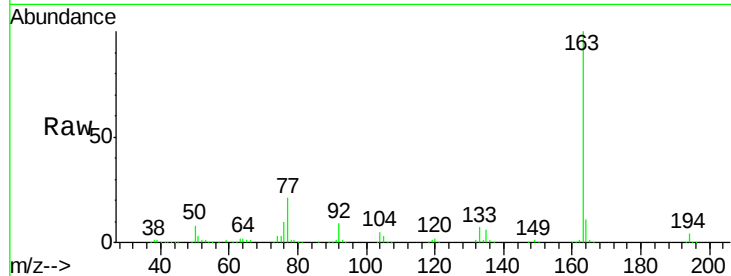
#49
Dimethylphthalate
Concen: 35.682 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	686629		
194	3.8		2.7	4.1
164	10.7		8.2	12.2

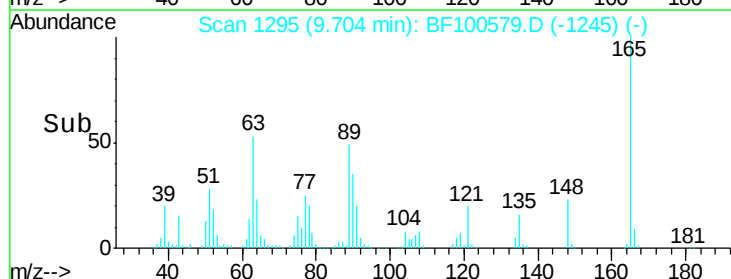
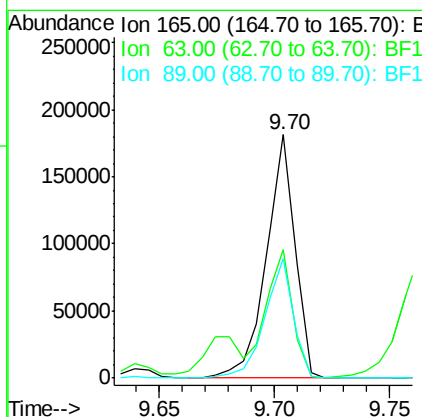
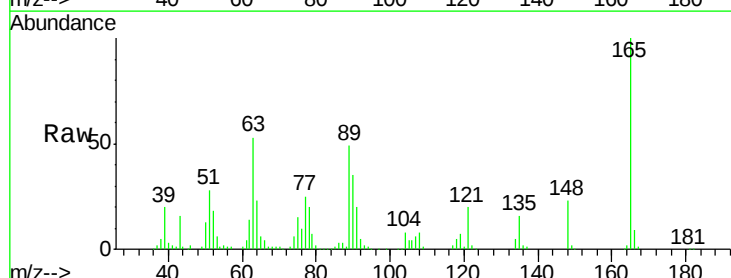
Manual Integrations
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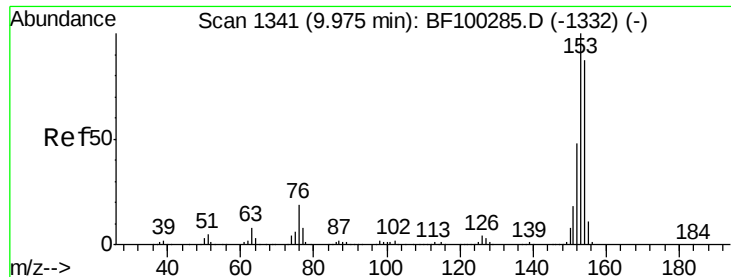
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#50
2,6-Dinitrotoluene
Concen: 40.931 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155911		
63	52.8		44.7	67.1
89	48.9		44.0	66.0





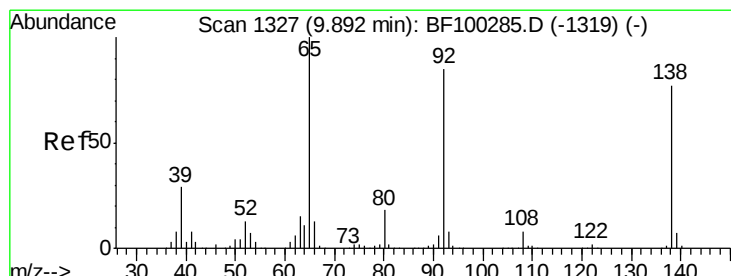
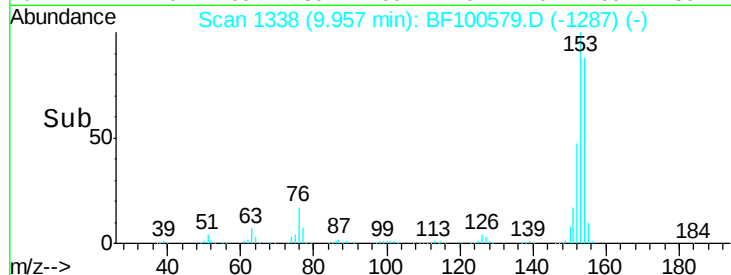
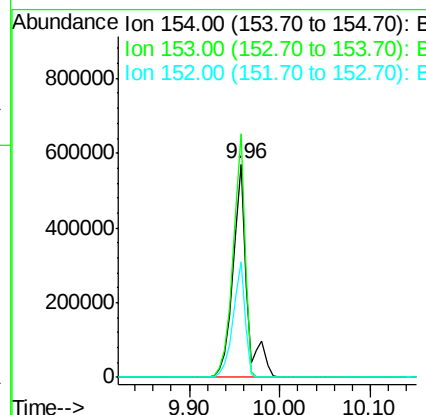
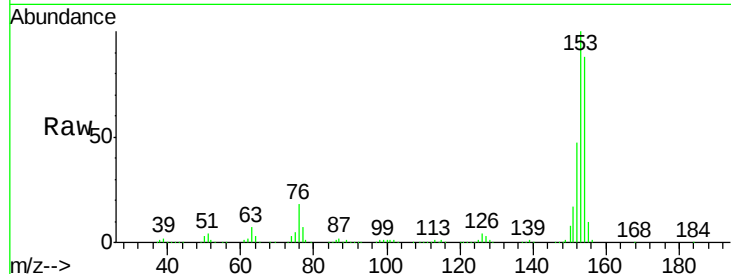
#51
Acenaphthene
Concen: 38.234 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	609402		
153	114.1	91.2	136.8	
152	54.0	43.8	65.8	

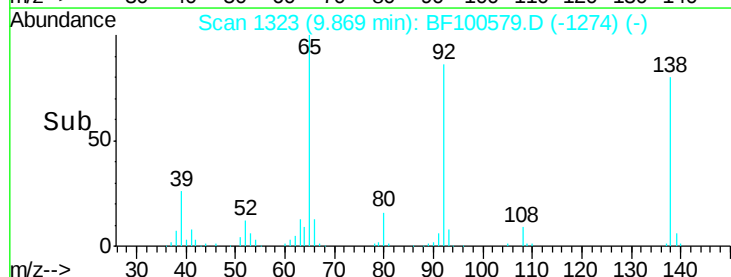
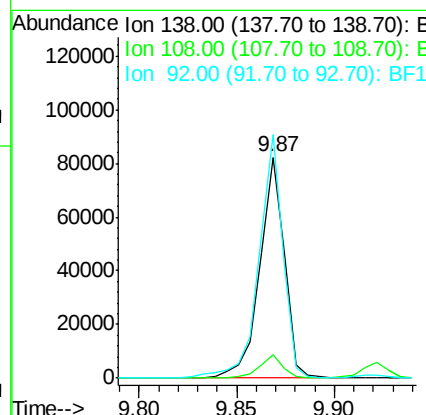
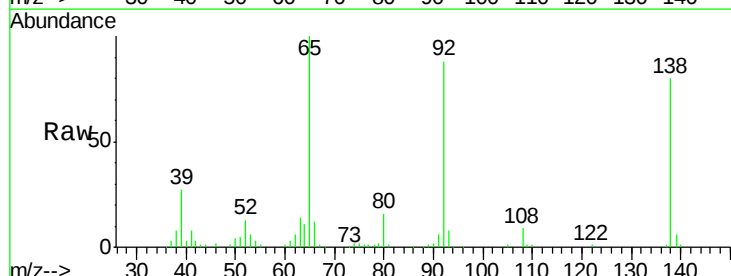
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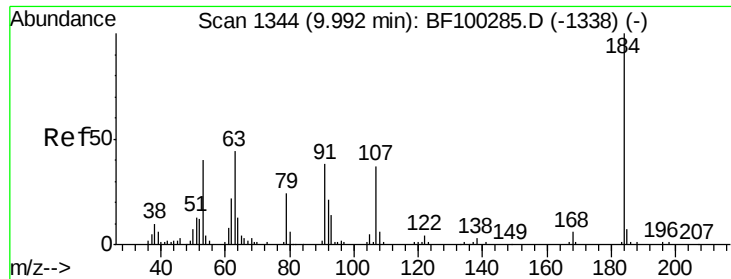
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#52
3-Nitroaniline
Concen: 15.957 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	71773		
108	10.7	9.4	14.0	
92	110.2	89.4	134.2	





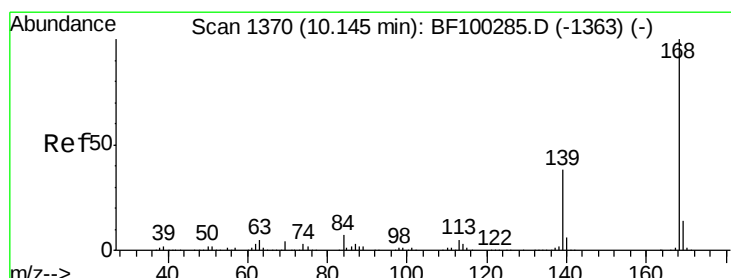
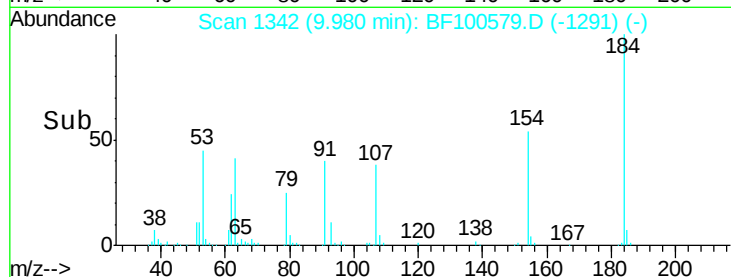
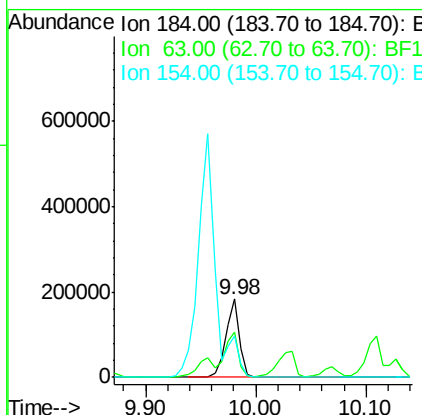
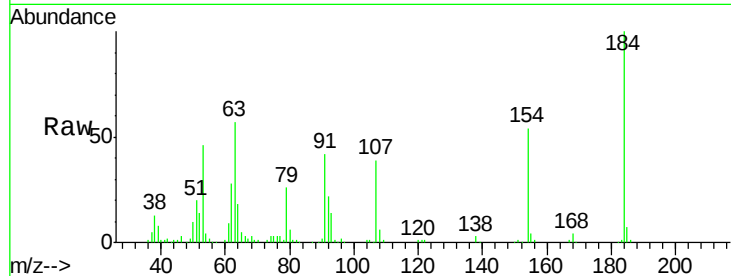
#53
 2,4-Dinitrophenol
 Concen: 89.623 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	54.2	81.2
154	53.8	184.0	276.0#

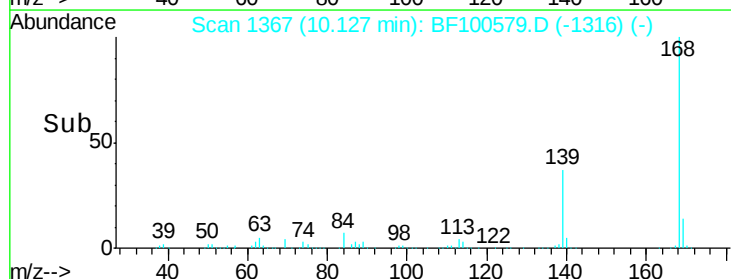
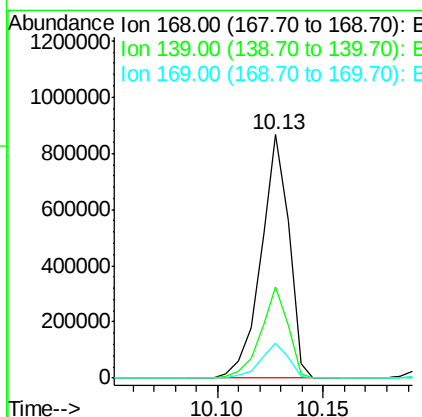
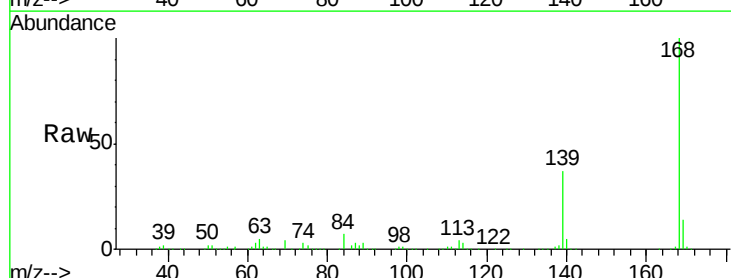
Manual Integrations
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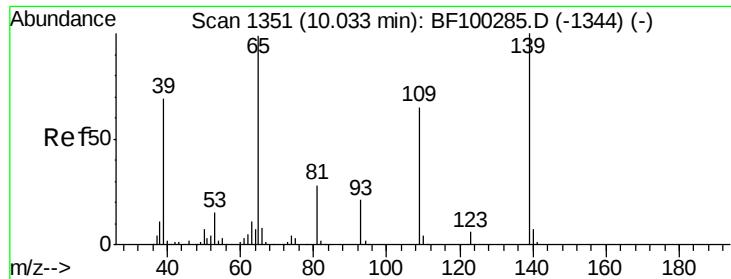
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#54
 Dibenzofuran
 Concen: 35.622 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.1	10.9	16.3





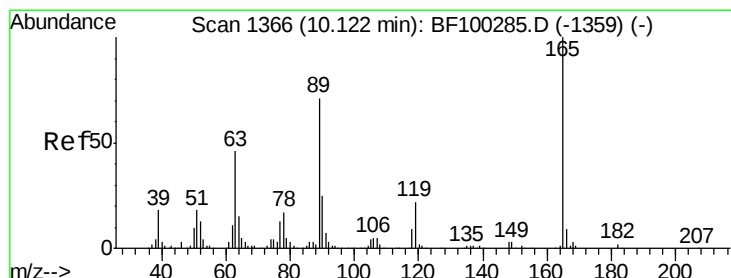
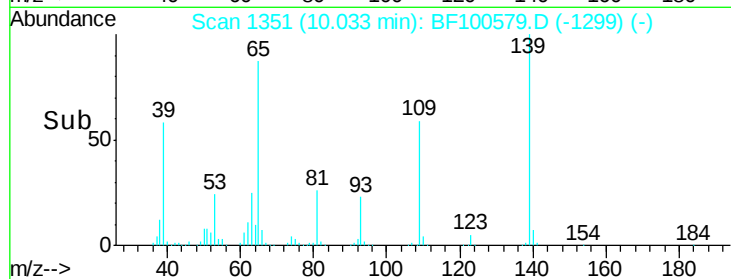
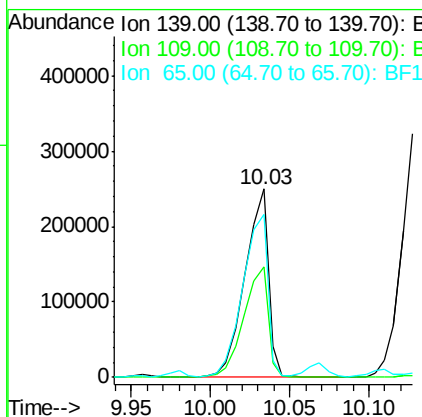
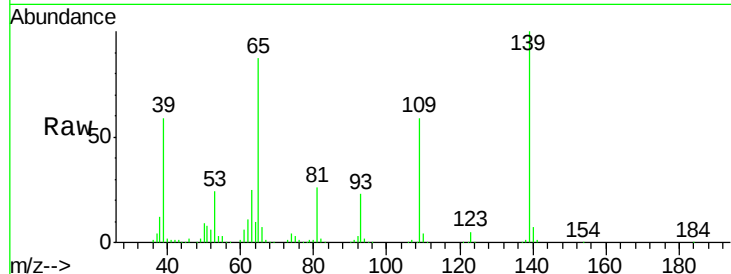
#55
4-Nitrophenol
Concen: 70.373 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.7	48.4	88.4
65	86.8	72.6	112.6

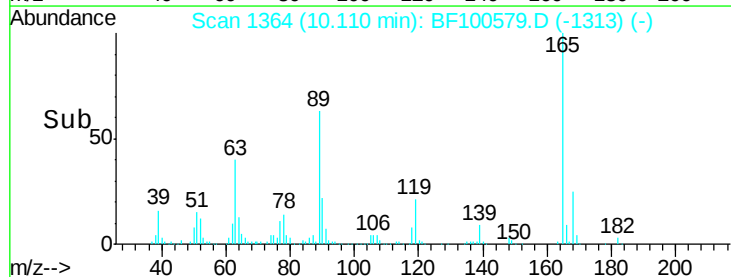
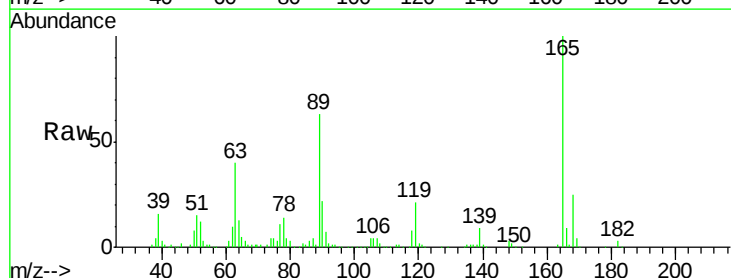
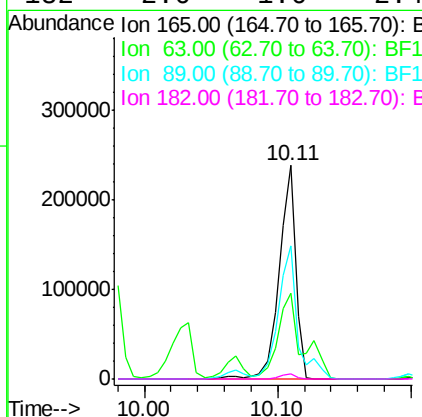
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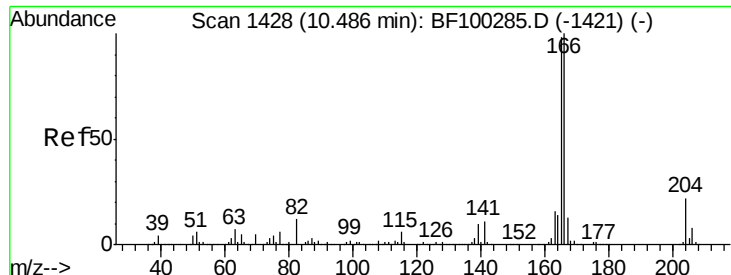
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#56
2,4-Dinitrotoluene
Concen: 43.688 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.3	36.4	54.6
89	62.6	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 36.595 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

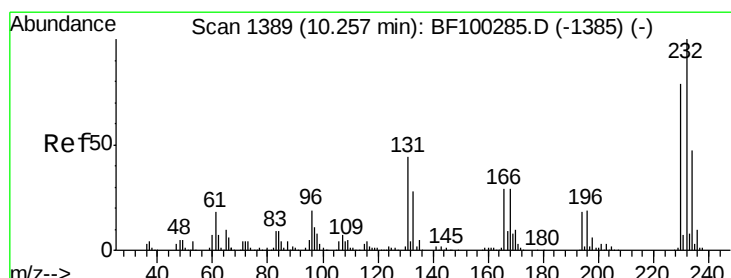
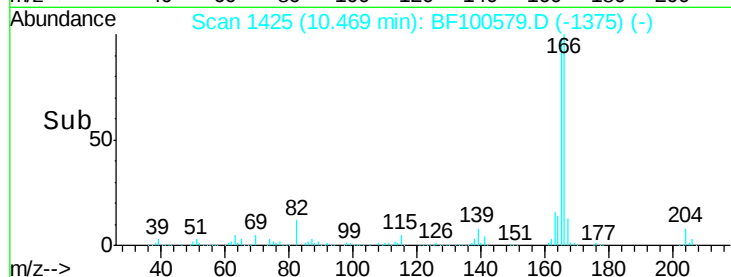
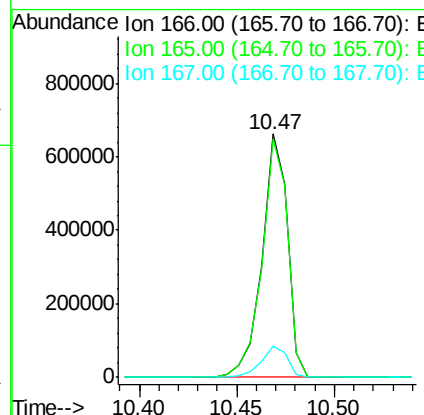
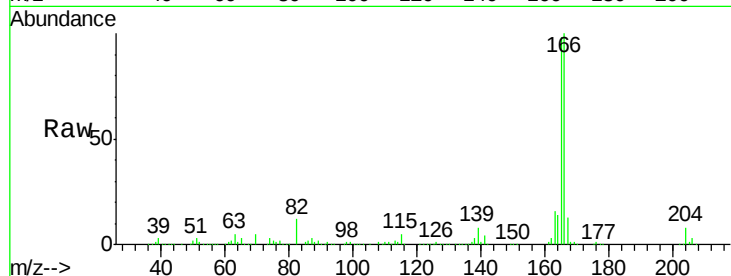
ClientSampleId :

PB104203BS

Tgt Ion:	166	Resp:	598877
Ion Ratio		Lower	Upper
166	100		
165	97.8	79.8	119.8
167	12.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.936 ng

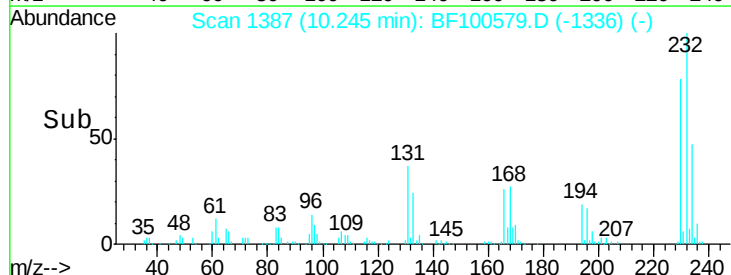
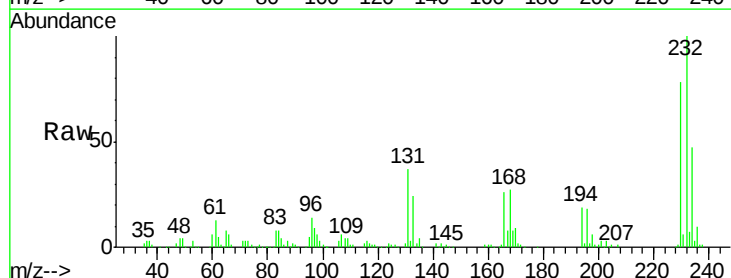
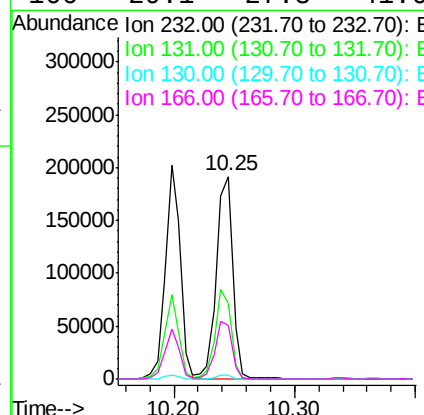
RT: 10.25 min Scan# 1387

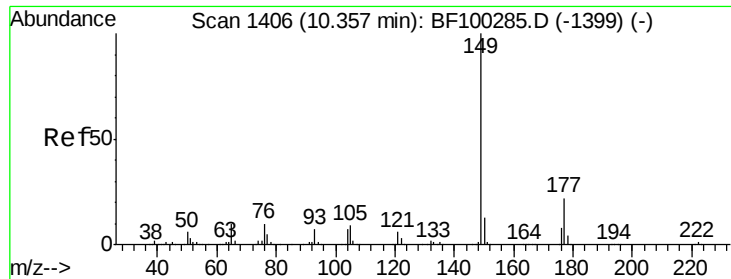
Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Tgt Ion:	232	Resp:	179648
Ion Ratio		Lower	Upper
232	100		
131	42.9	43.8	65.8#
130	2.0	2.1	3.1#
166	29.1	27.8	41.6





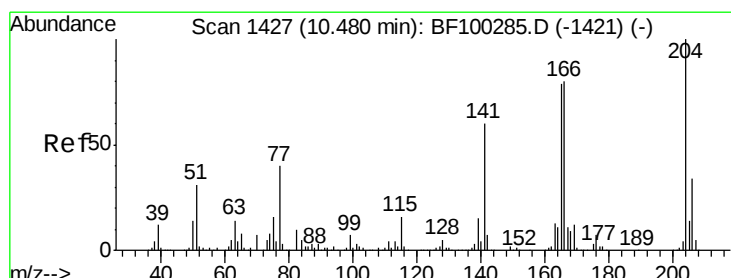
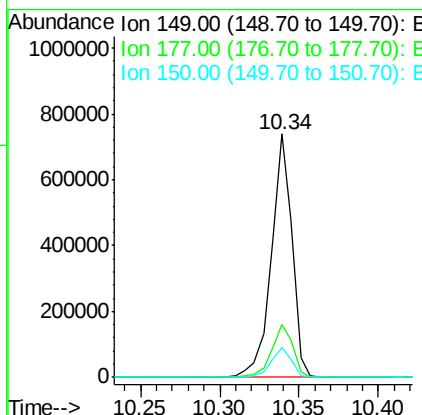
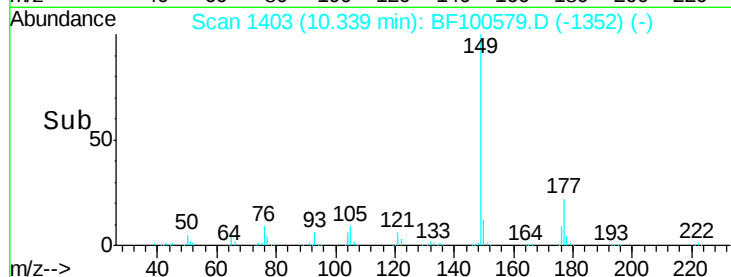
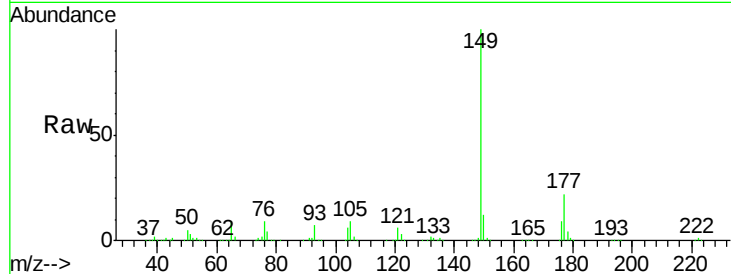
#59
Diethylphthalate
Concen: 35.086 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.3	10.1	15.1

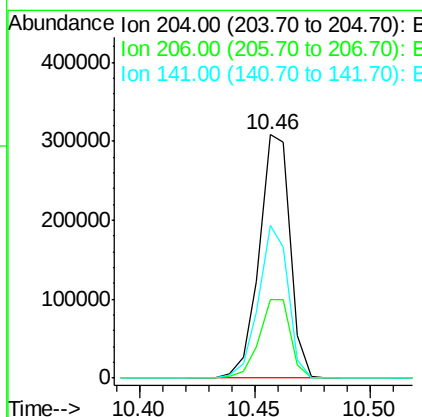
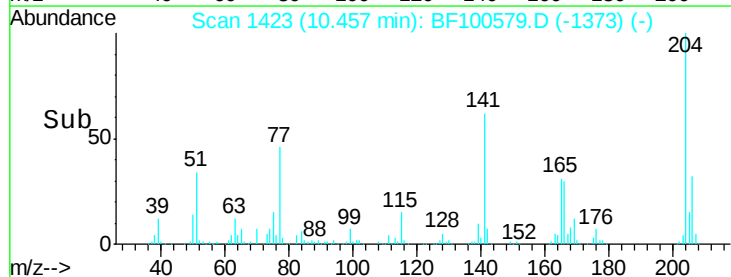
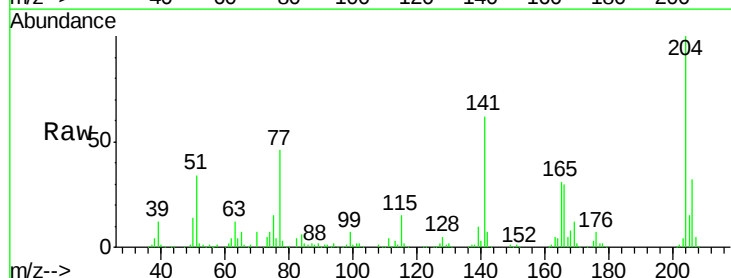
Manual Integrations
APPROVED

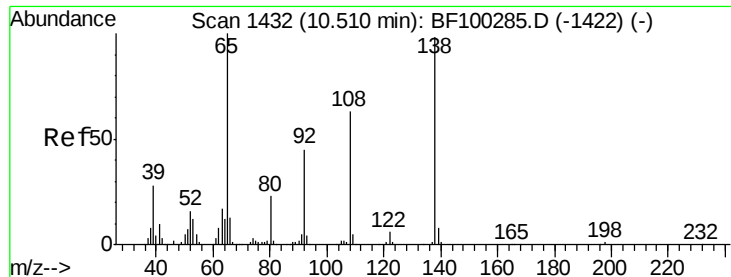
SOHIL
11/16/2017 6:18:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.095 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	62.5	54.6	81.8





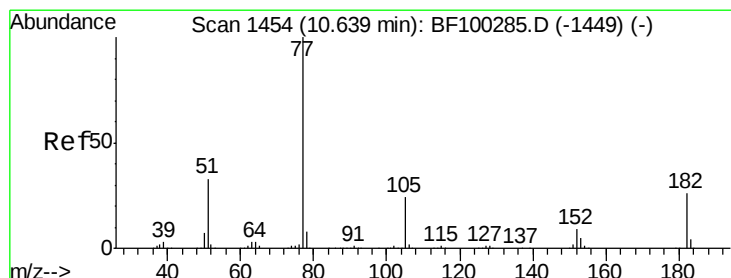
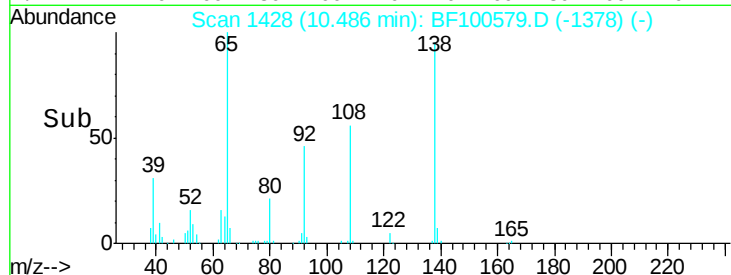
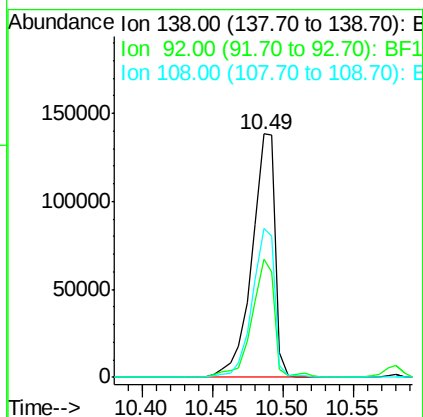
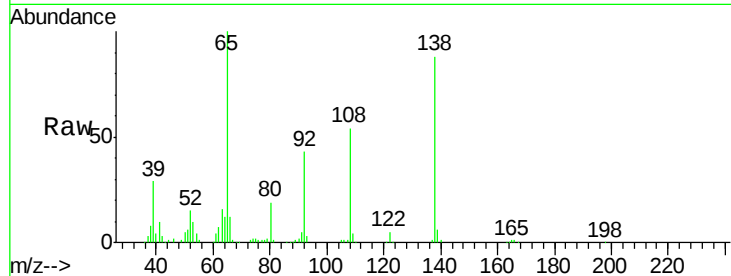
#61
4-Nitroaniline
Concen: 37.561 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.2	70.2
108	61.2	52.5	92.5

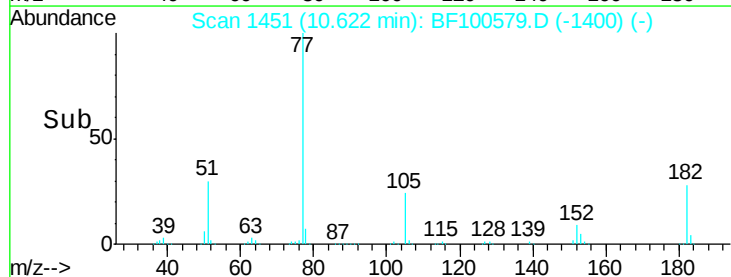
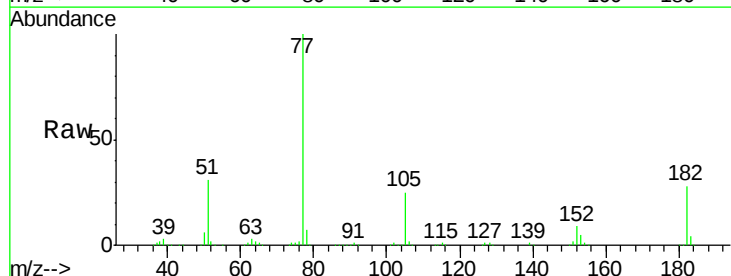
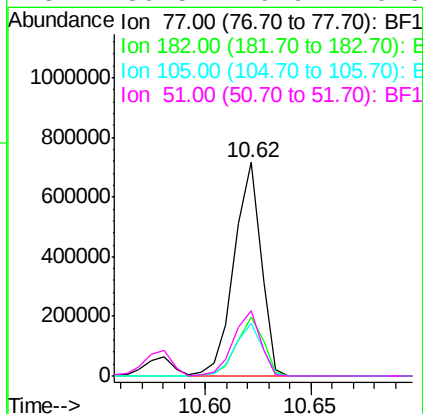
Manual Integrations
APPROVED

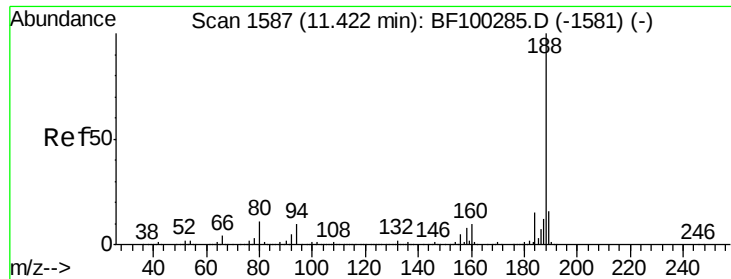
SOHIL
11/16/2017 6:18:21 PM



#62
Azobenzene
Concen: 34.937 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	24.5	3.0	43.0
51	30.5	9.9	49.9





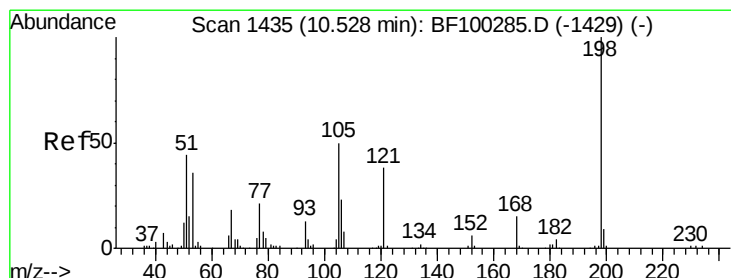
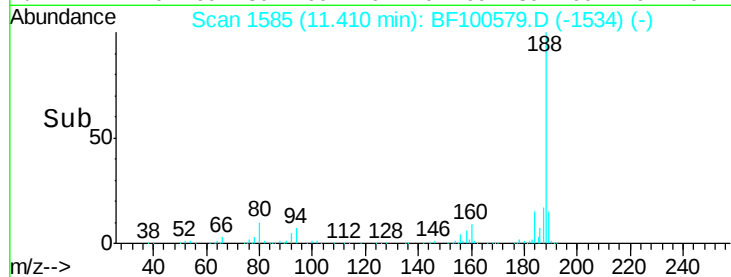
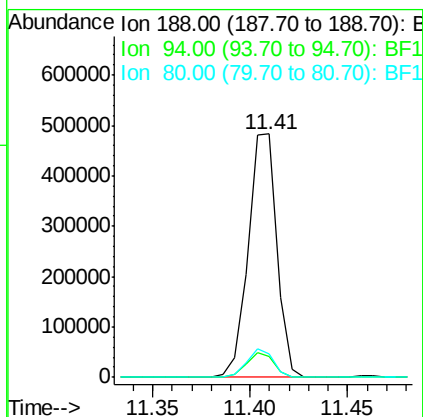
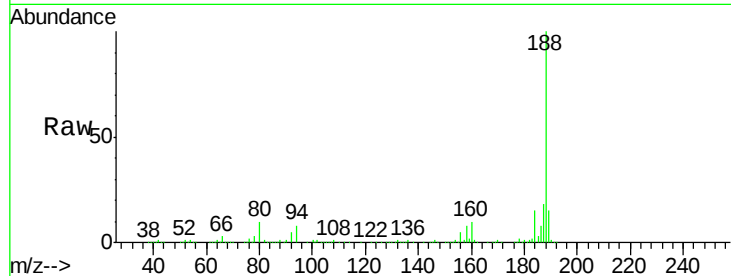
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	8.5	12.7#
80	9.7	9.2	13.8

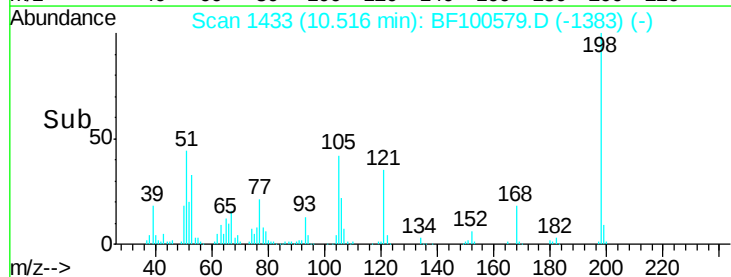
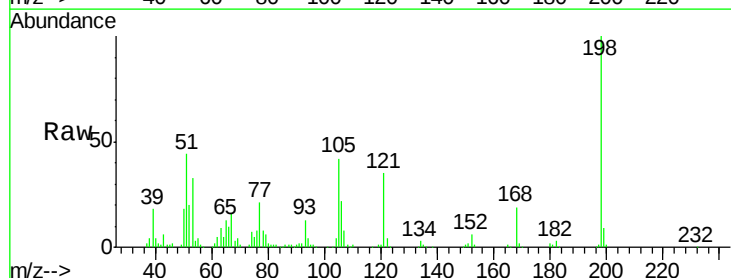
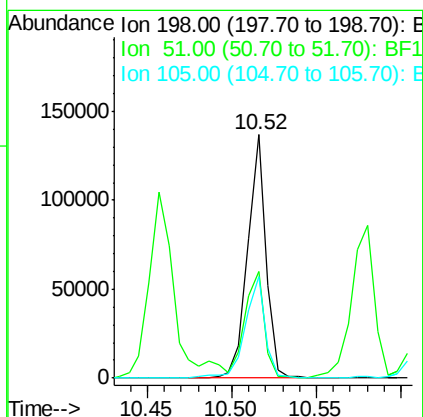
Manual Integrations
APPROVED

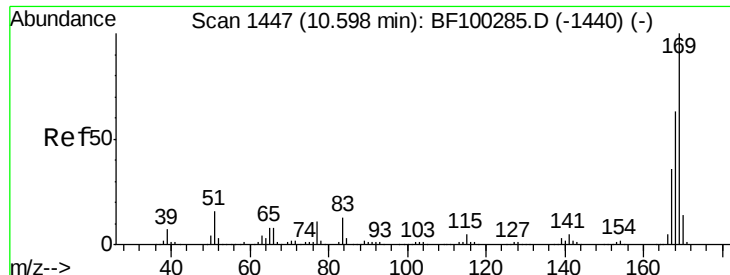
SOHIL
11/16/2017 6:18:21 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.508 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.9	37.7	77.7
105	41.6	36.3	76.3





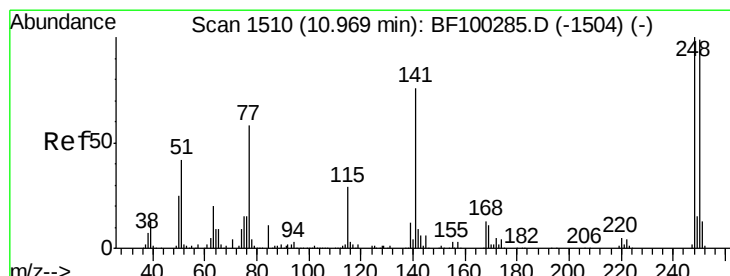
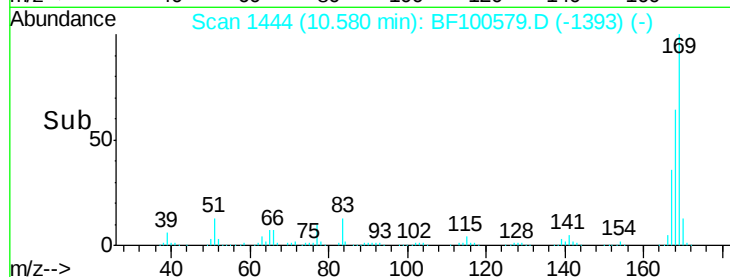
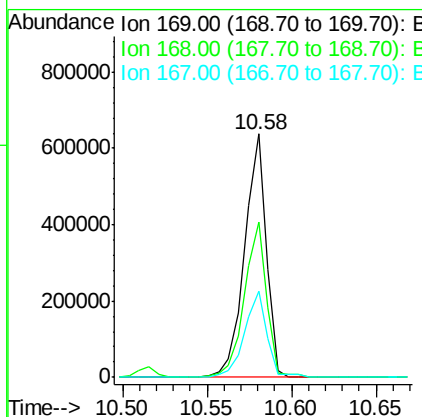
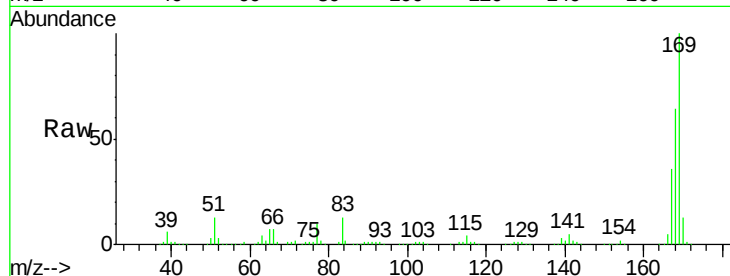
#65
n-Nitrosodiphenylamine
Concen: 33.737 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	575914		
168	63.9	54.4	81.6	
167	35.6	29.8	44.6	

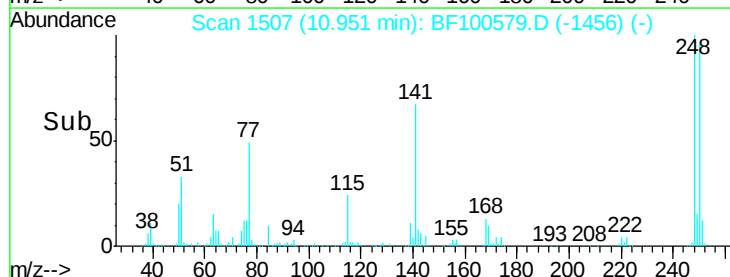
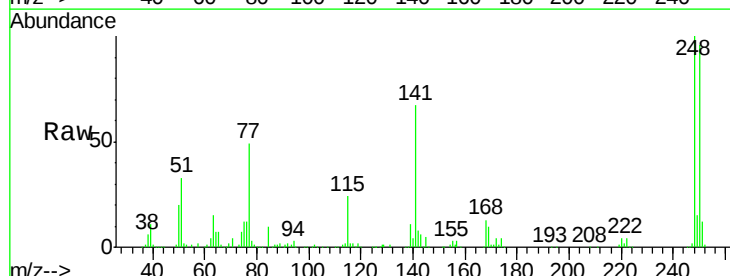
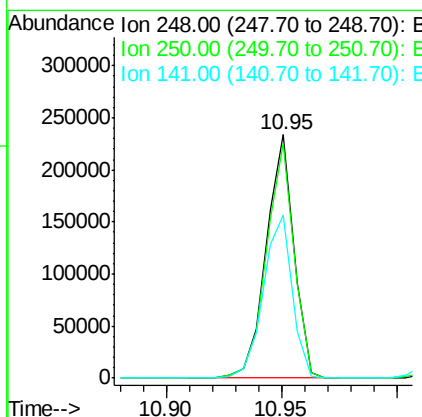
Manual Integrations
APPROVED

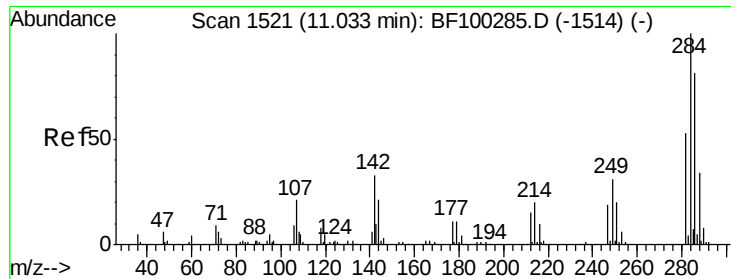
SOHIL
11/16/2017 6:18:21 PM



#66
4-Bromophenyl-phenylether
Concen: 36.975 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	194593		
250	96.3	76.9	115.3	
141	67.1	74.4	111.6#	





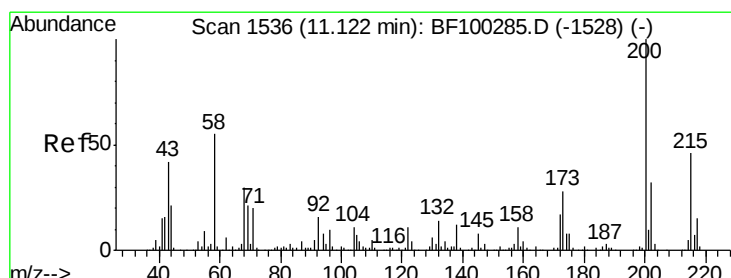
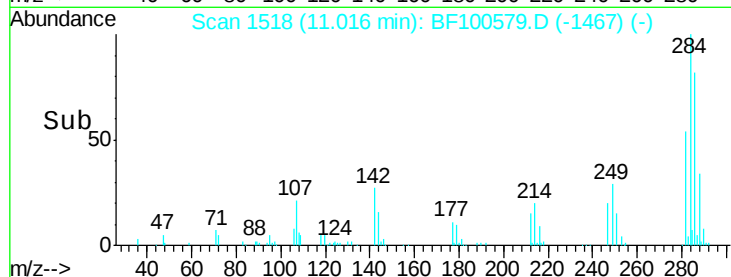
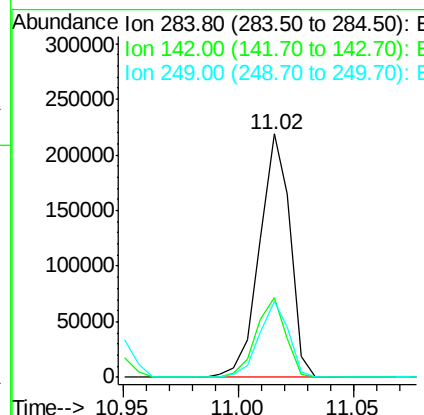
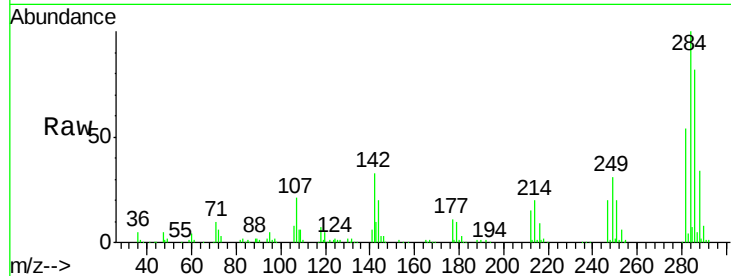
#67
Hexachlorobenzene
Concen: 36.677 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampled :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	201881		
142	33.0	34.6	52.0	
249	31.1	24.8	37.2	

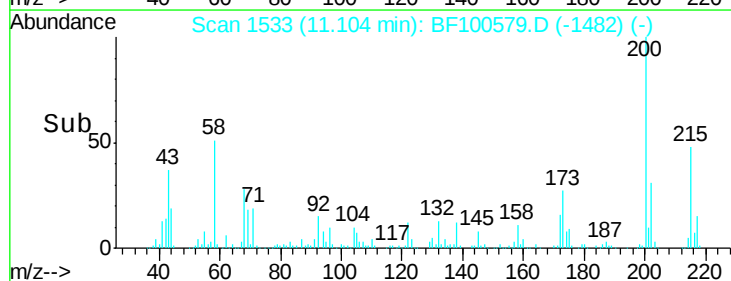
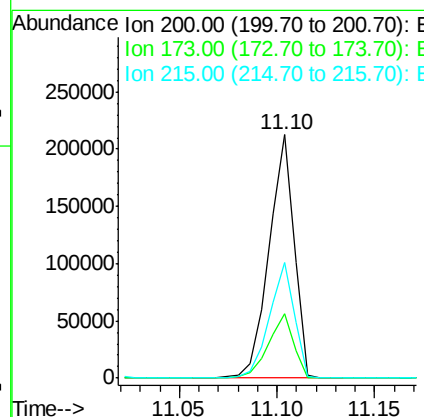
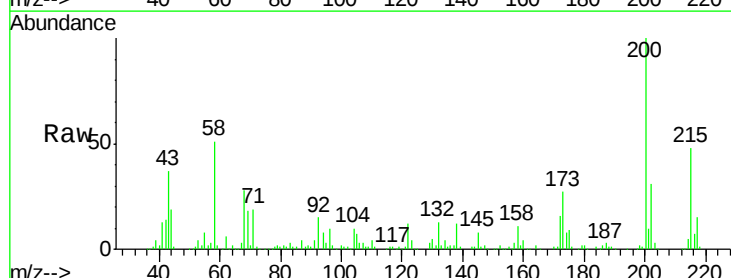
Manual Integrations
APPROVED

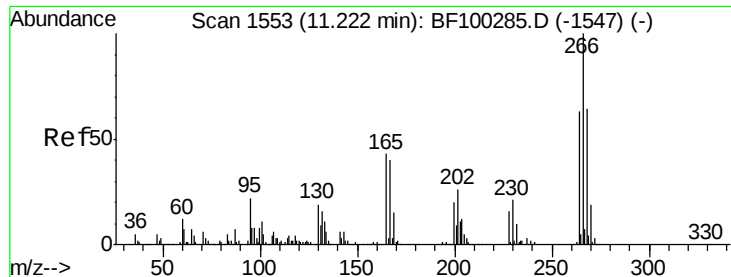
SOHIL
11/16/2017 6:18:21 PM



#68
Atrazine
Concen: 36.659 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	189430		
173	26.6	8.6	48.6	
215	47.6	25.1	65.1	





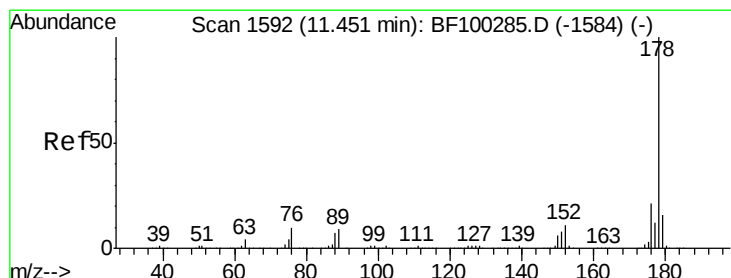
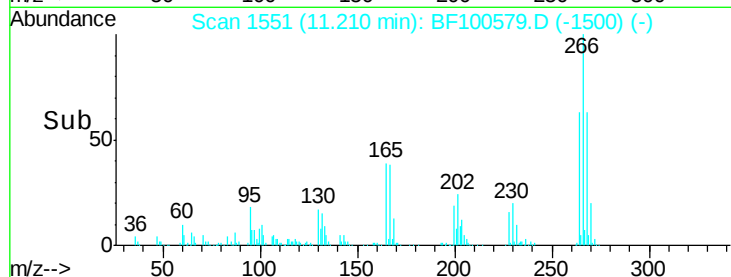
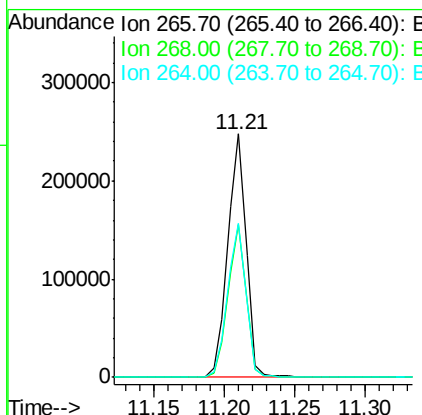
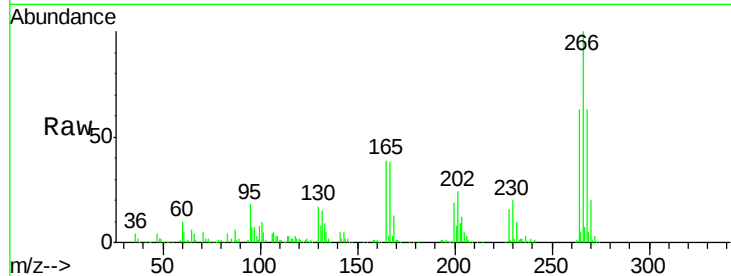
#69
 Pentachlorophenol
 Concen: 57.230 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	225880		
268	63.0	51.1	76.7	
264	63.1	49.5	74.3	

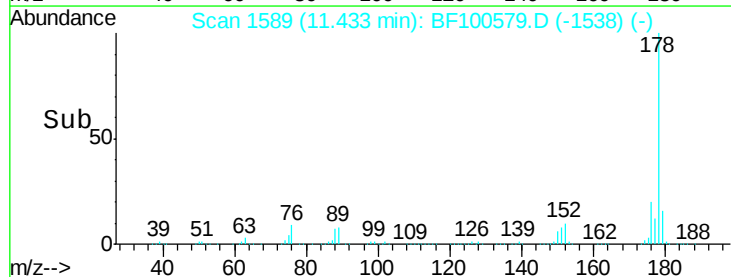
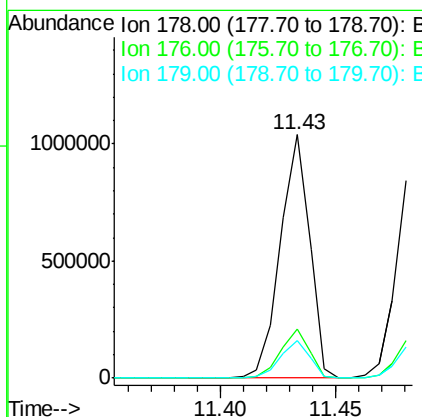
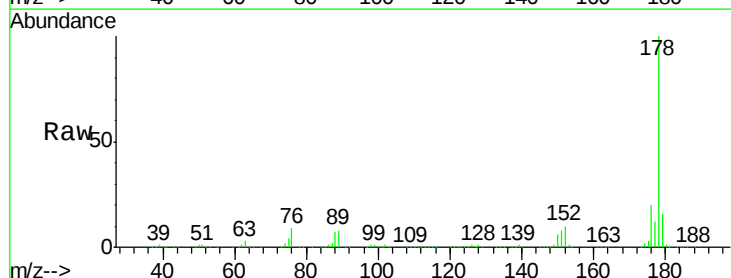
Manual Integrations
 APPROVED

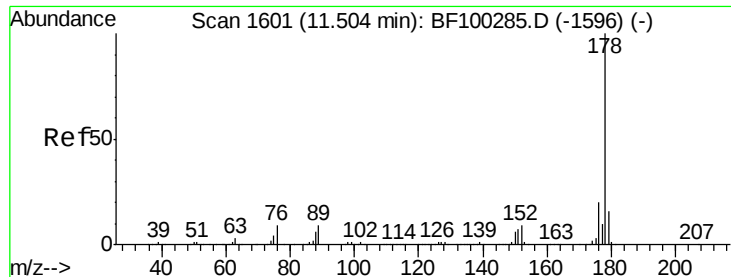
SOHIL
 11/16/2017 6:18:21 PM



#70
 Phenanthrene
 Concen: 35.265 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	911547		
176	20.0	15.8	23.8	
179	15.6	13.0	19.6	





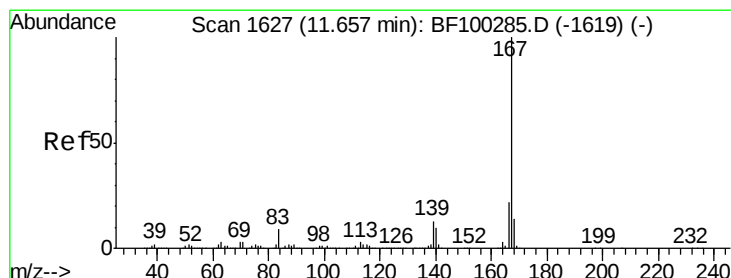
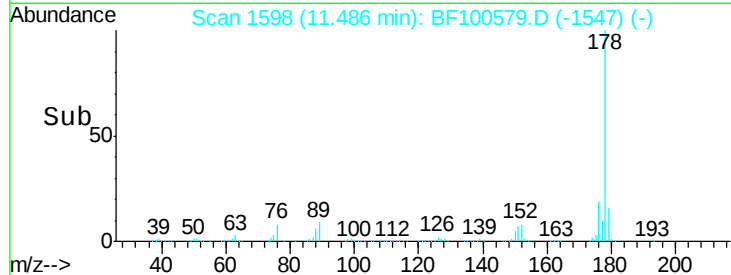
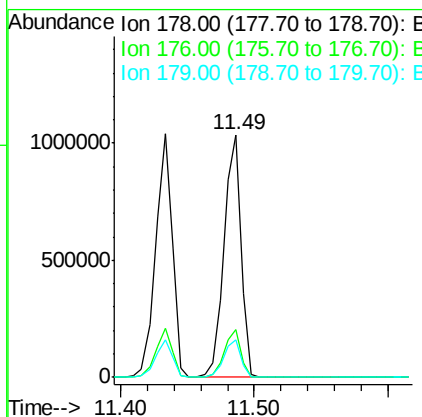
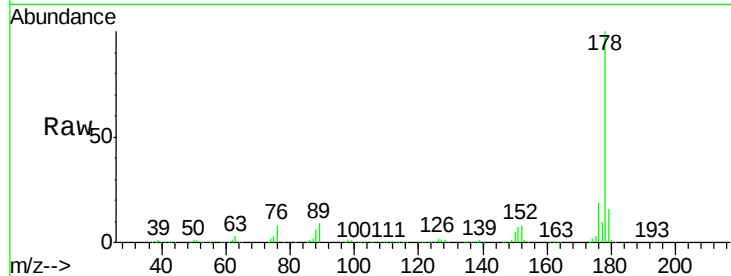
#71
 Anthracene
 Concen: 36.010 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.6	19.0

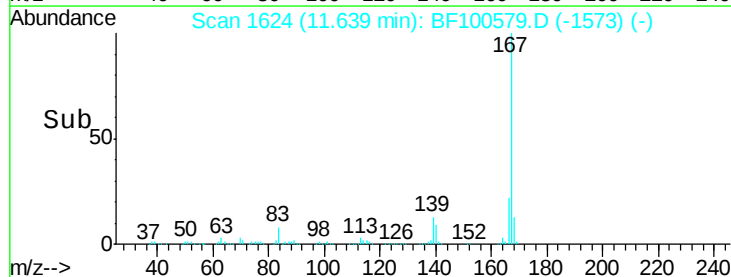
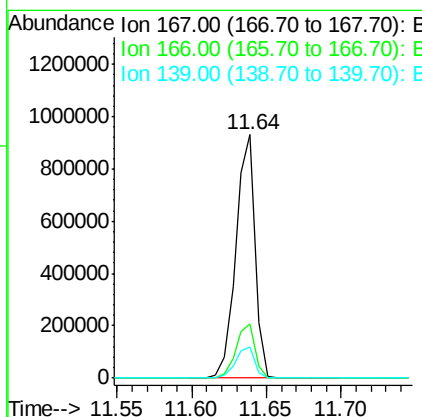
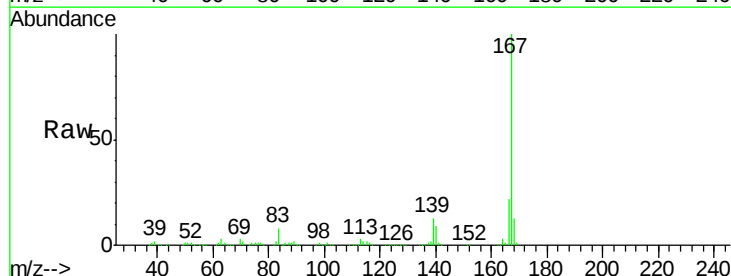
Manual Integrations
 APPROVED

SOHIL
 11/16/2017 6:18:21 PM



#72
 Carbazole
 Concen: 34.730 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.837 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

ClientSampleId :

PB104203BS

Tgt Ion:149 Resp: 1043134

Ion Ratio Lower Upper

149 100

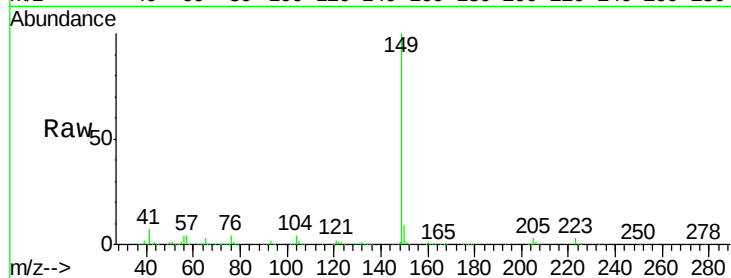
150 9.1 7.8 11.6

104 4.4 3.8 5.8

Manual Integrations
APPROVED

SOHIL

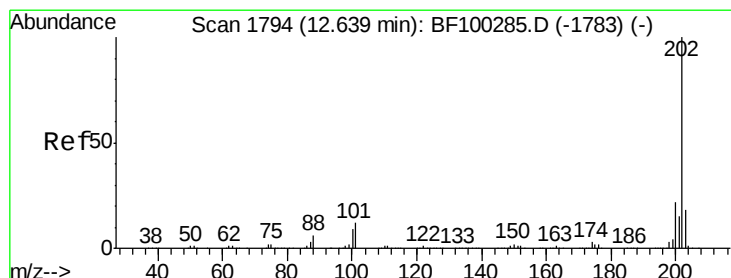
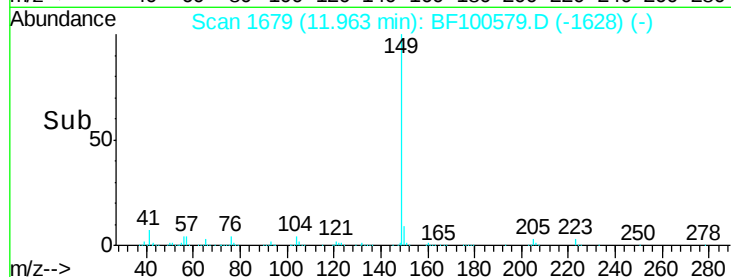
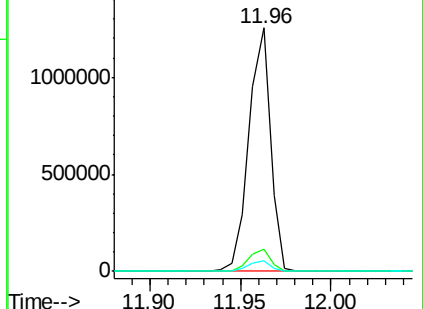
11/16/2017 6:18:21 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.236 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

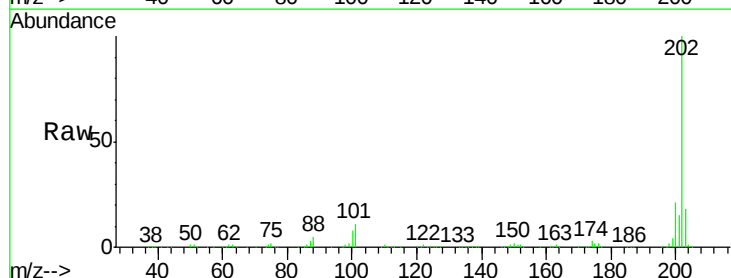
Tgt Ion:202 Resp: 965278

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

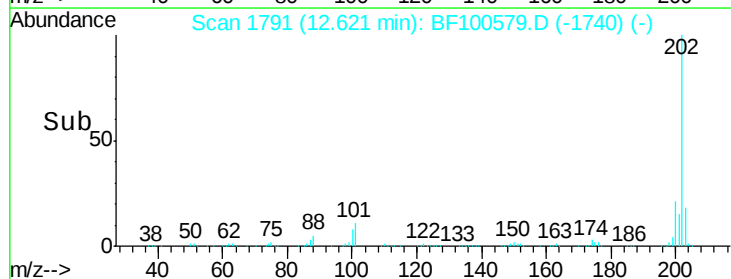
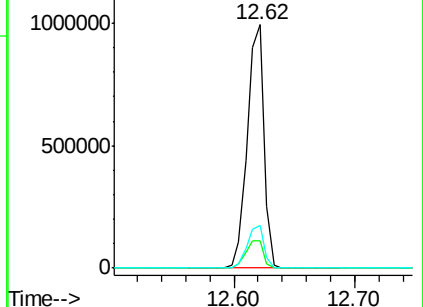
203 17.6 0.0 38.1

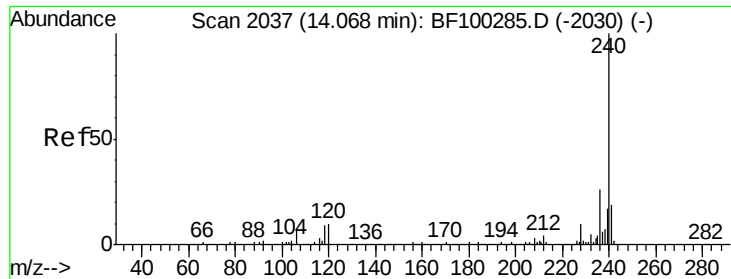


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100579.D

Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

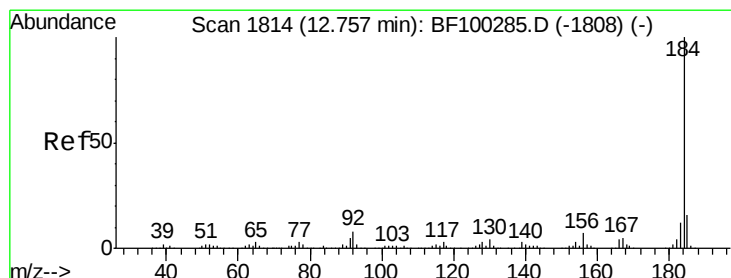
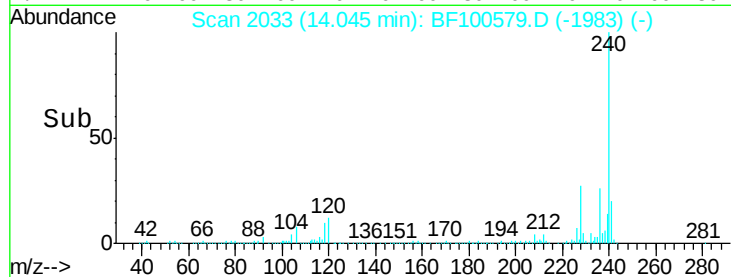
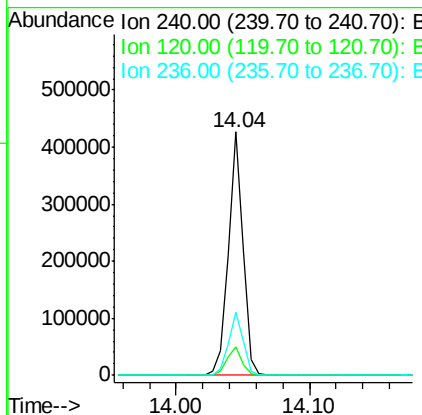
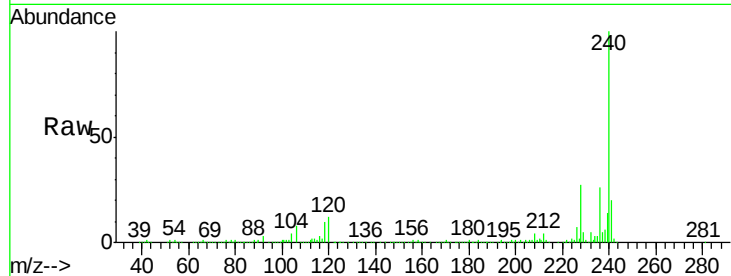
ClientSampleId :

PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	330905		
120	11.7	9.5	14.3	
236	25.7	20.7	31.1	

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#76

Benzidine

Concen: 14.965 ng

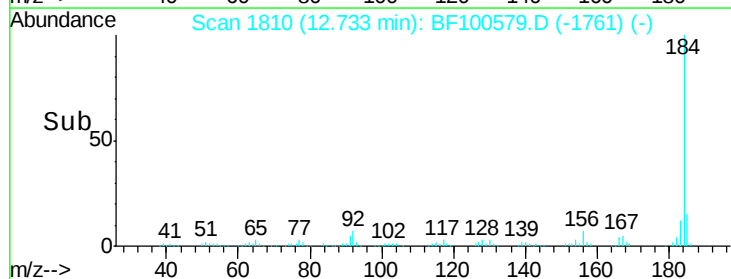
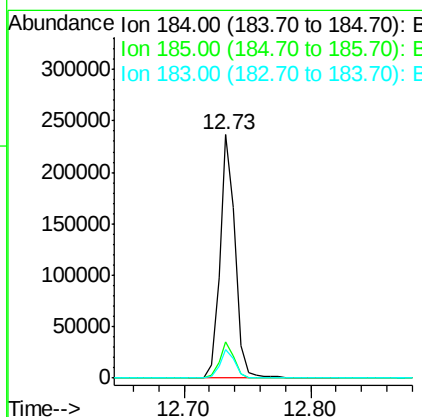
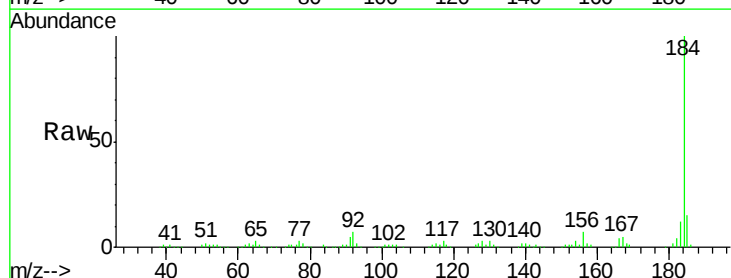
RT: 12.73 min Scan# 1810

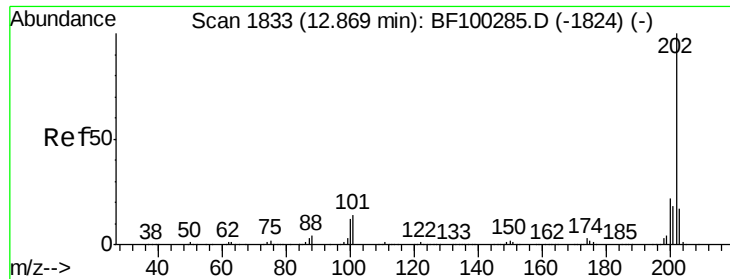
Delta R.T. -0.01 min

Lab File: BF100579.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	198317		
185	14.8	12.6	18.8	
183	11.6	9.3	13.9	





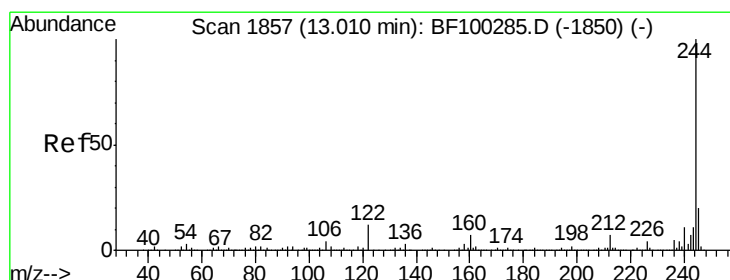
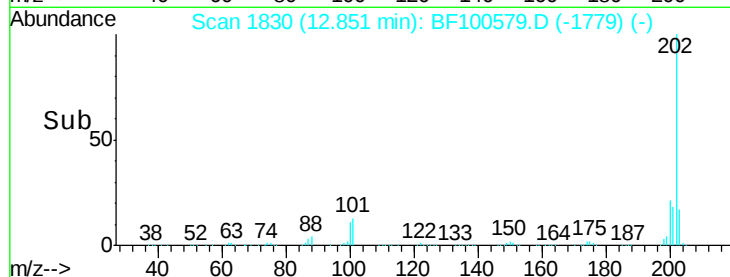
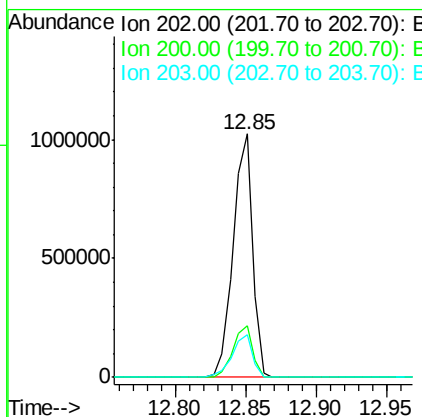
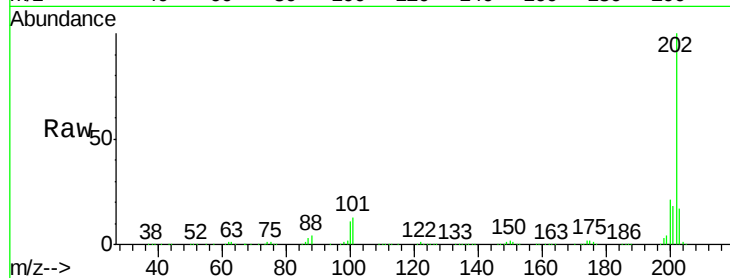
#77
 Pyrene
 Concen: 41.552 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5

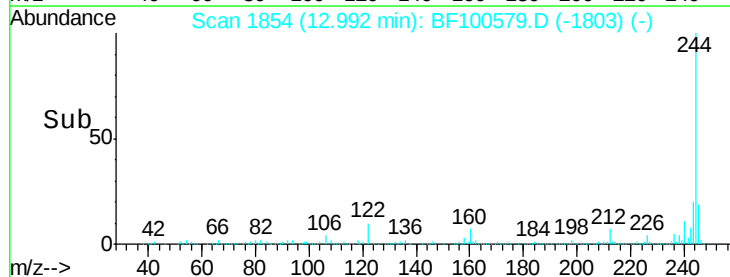
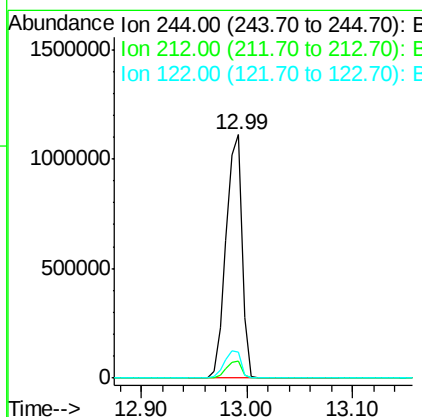
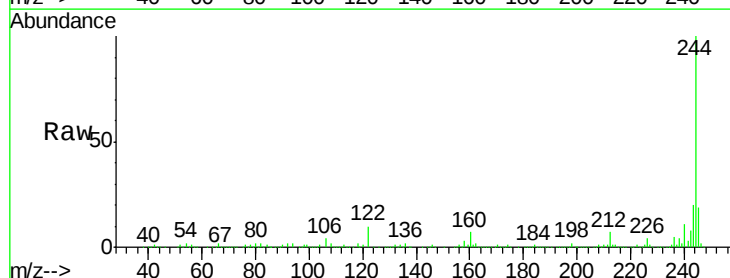
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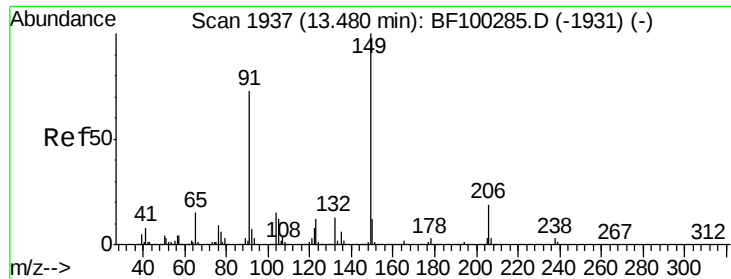
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#78
 Terphenyl-d14
 Concen: 81.339 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	5.4	8.0
122	10.5	11.0	16.4





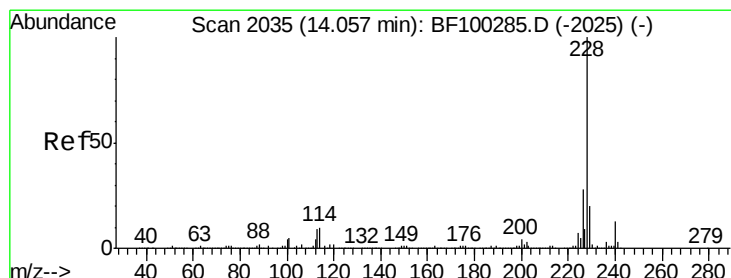
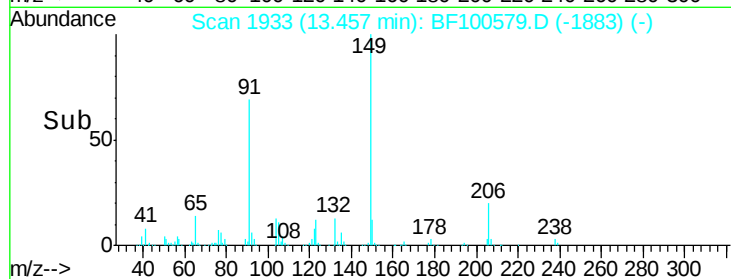
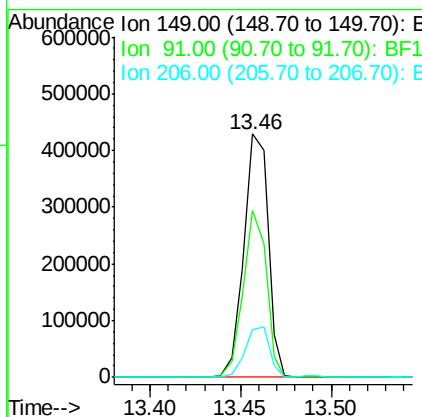
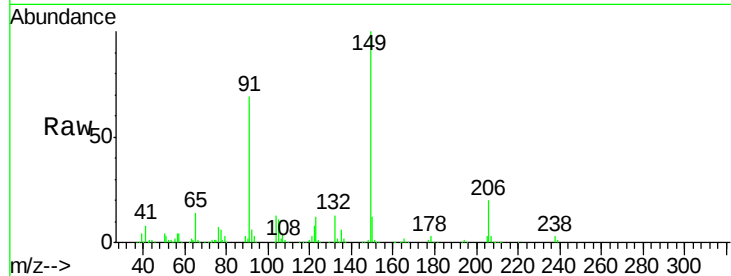
#79
Butylbenzylphthalate
Concen: 41.746 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	401583		
91	68.7	56.8	85.2	
206	19.6	14.1	21.1	

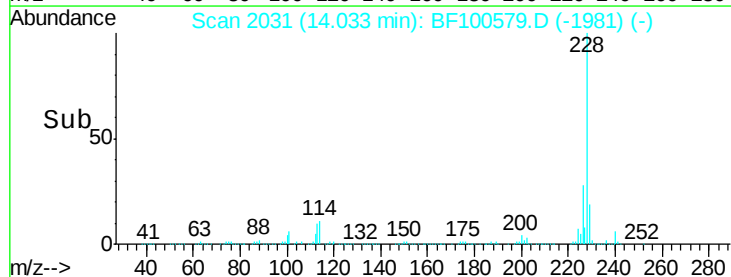
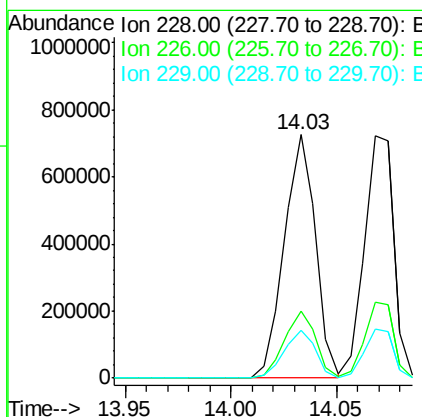
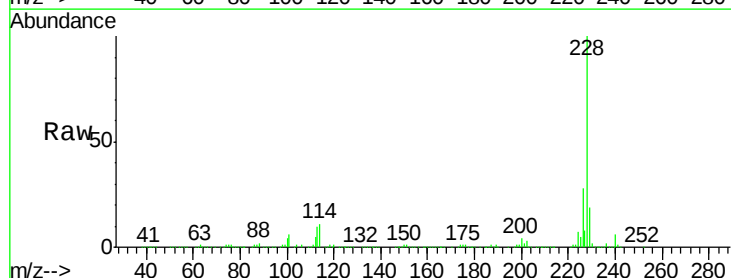
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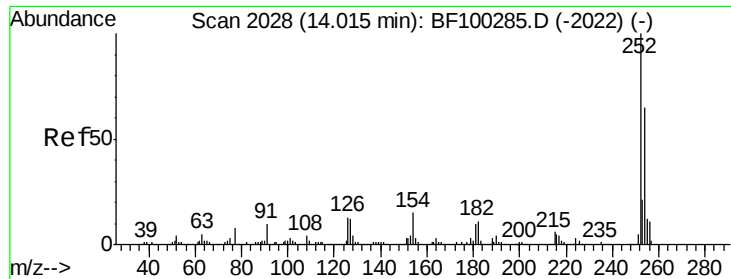
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#80
Benzo(a)anthracene
Concen: 37.534 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	747944		
226	27.5	22.6	33.8	
229	19.4	15.8	23.6	





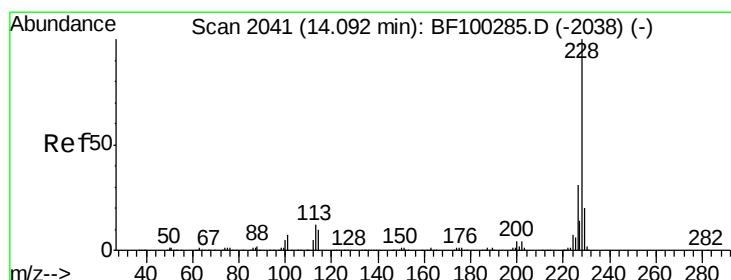
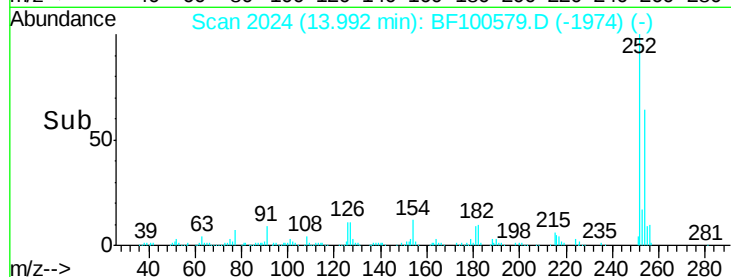
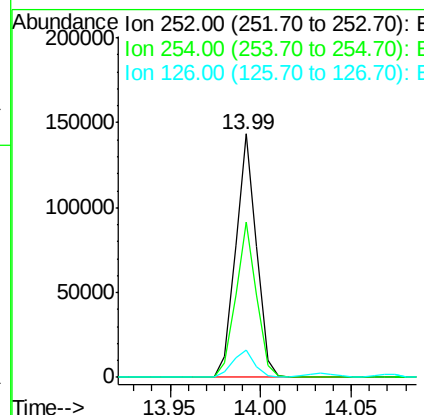
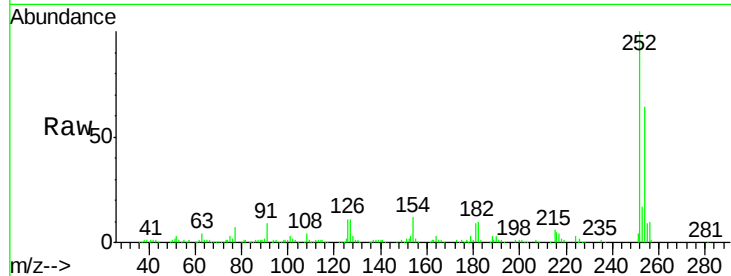
#81
 3,3'-Dichlorobenzidine
 Concen: 16.042 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	114534		
254	63.6	50.4	75.6	
126	11.4	11.3	16.9	

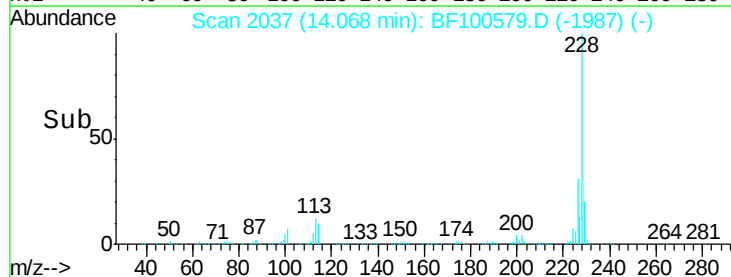
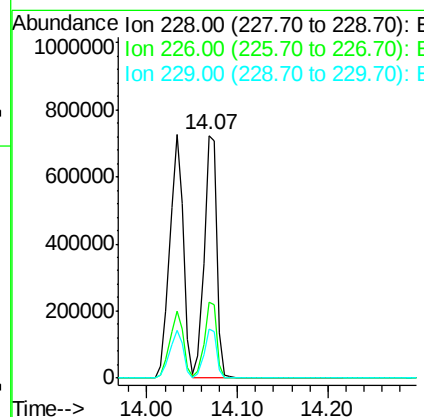
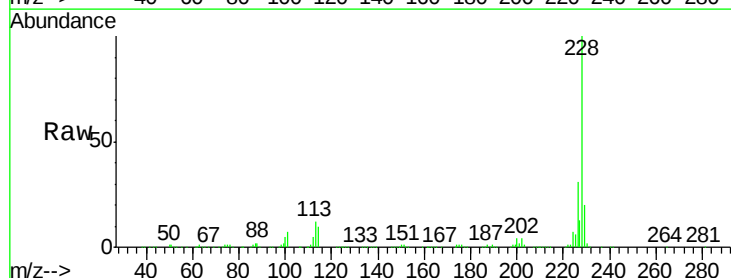
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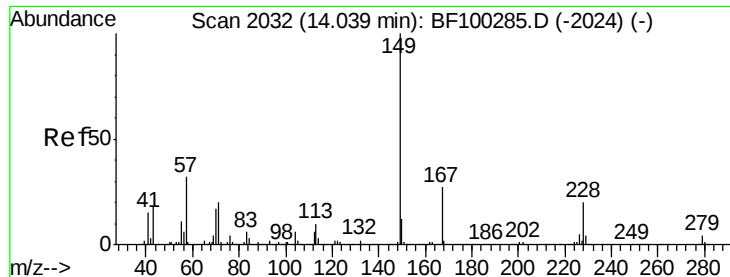
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#82
 Chrysene
 Concen: 36.547 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	705234		
226	31.2	25.0	37.6	
229	20.3	16.2	24.4	





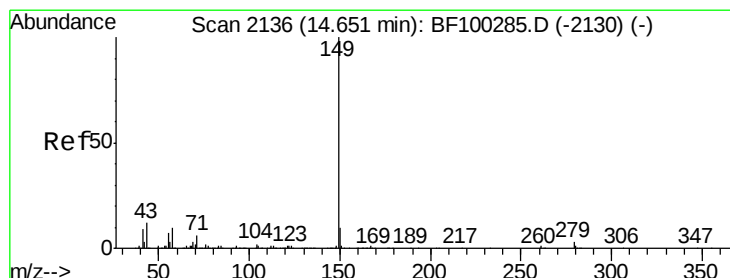
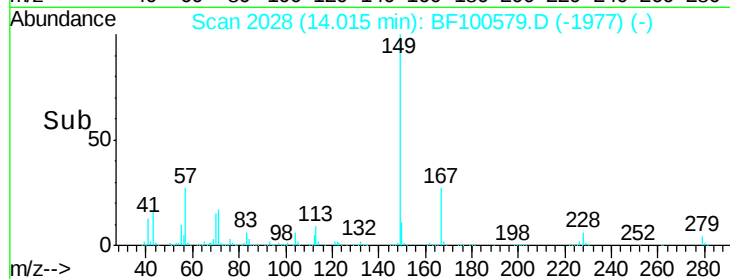
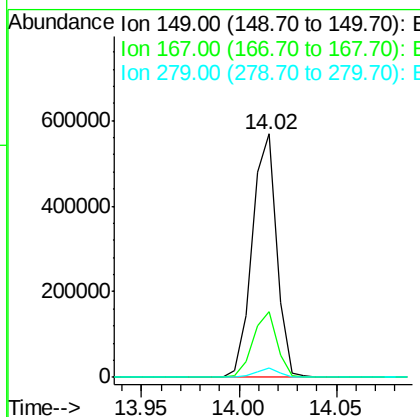
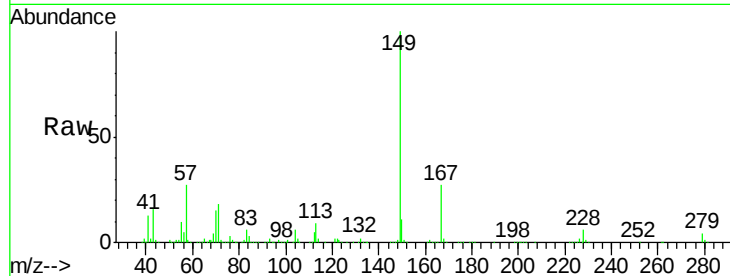
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.184 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104203BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	495755		
167	26.9	21.3	31.9	
279	4.0	3.0	4.4	

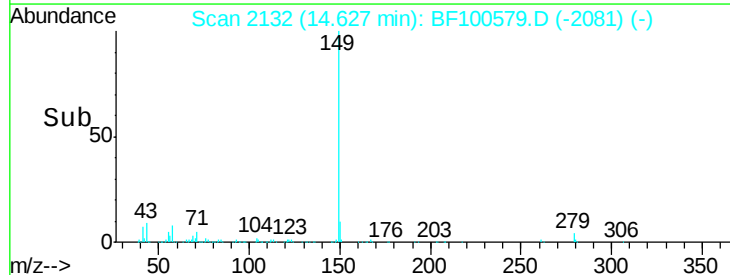
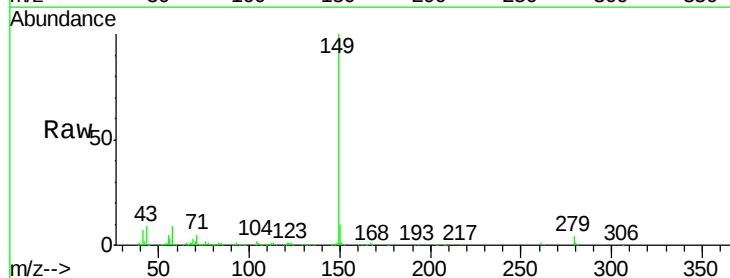
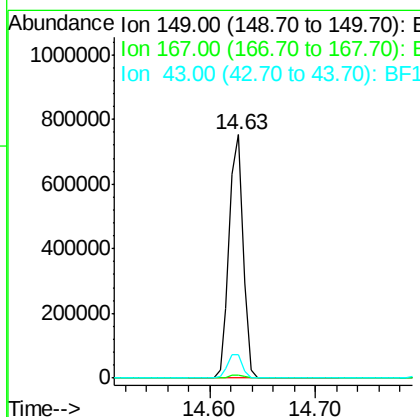
Manual Integrations
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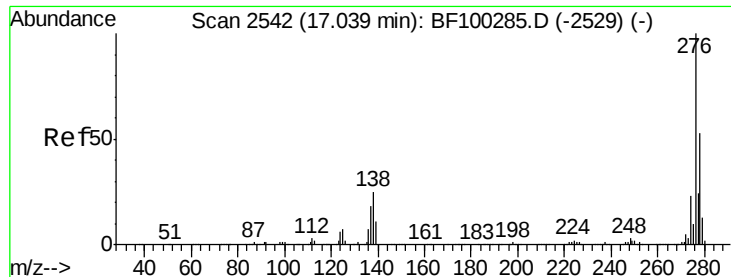
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#84
 Di-n-octyl phthalate
 Concen: 31.762 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF100579.D
 Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690349		
167	1.4	1.2	1.8	
43	10.3	8.4	12.6	





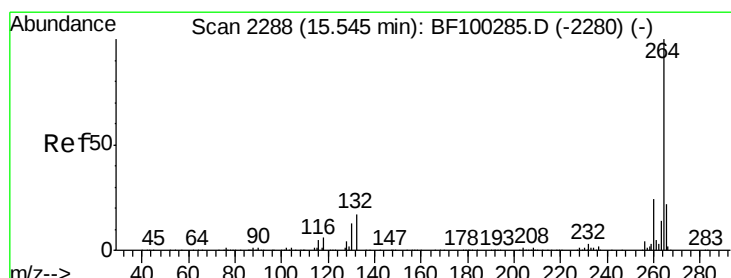
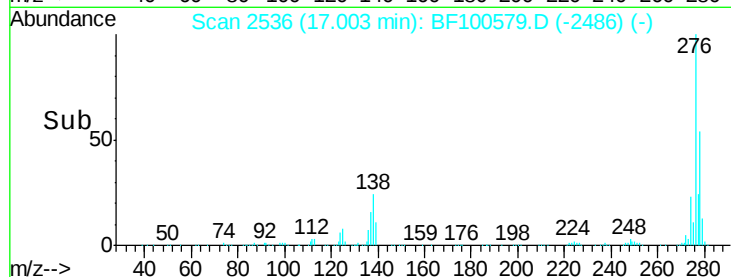
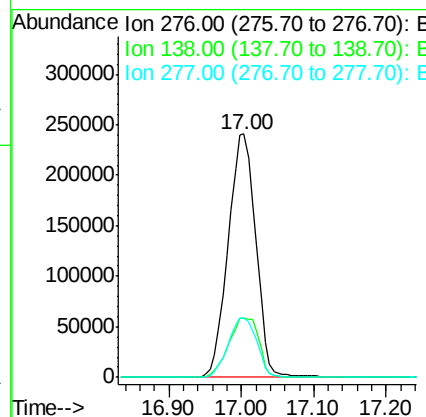
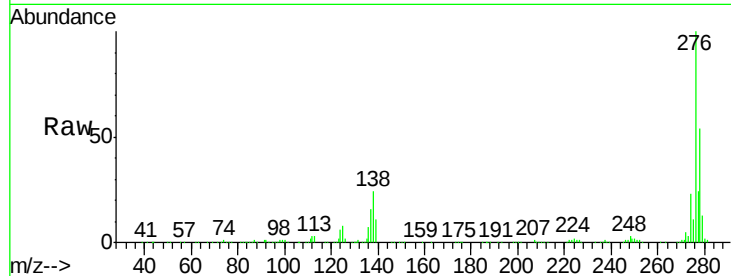
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.985 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	25.2	20.1	30.1

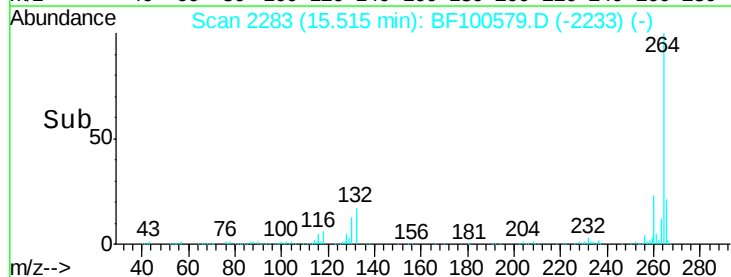
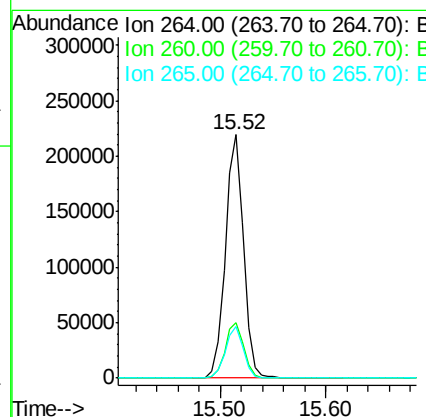
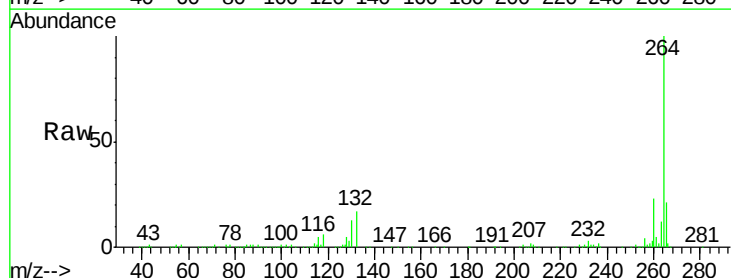
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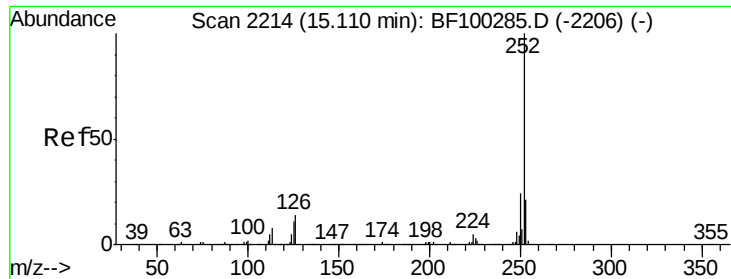
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3





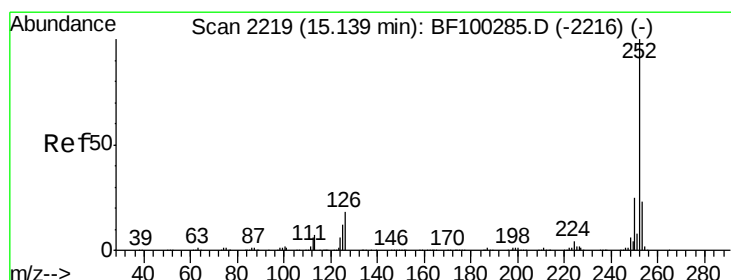
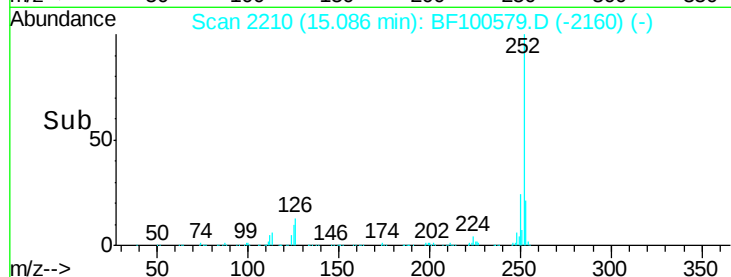
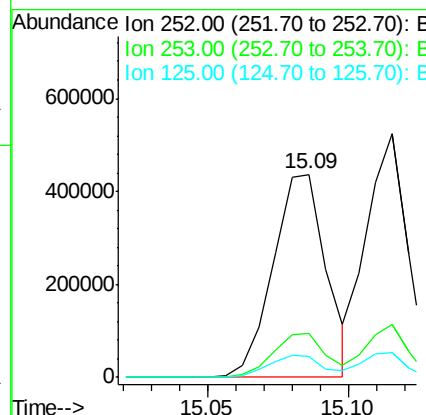
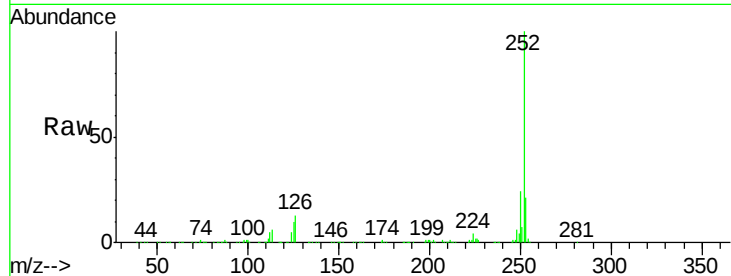
#87
Benzo(b)fluoranthene
Concen: 36.618 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	10.2	9.0	13.6

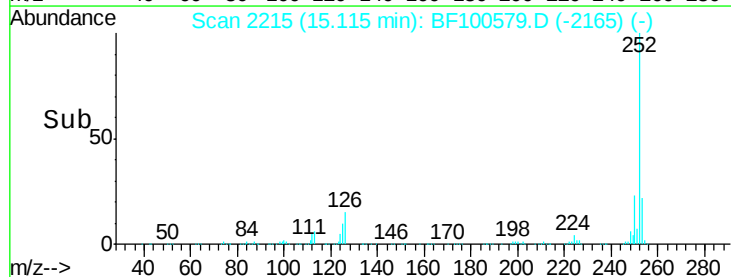
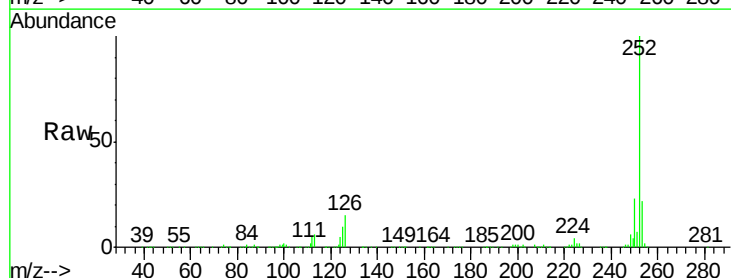
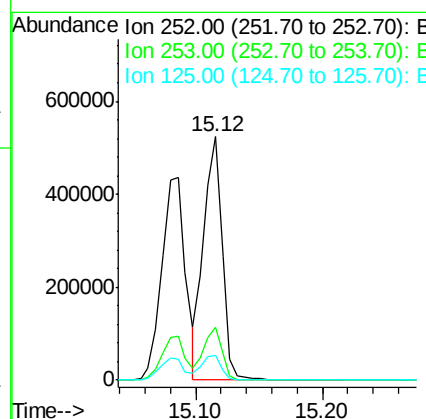
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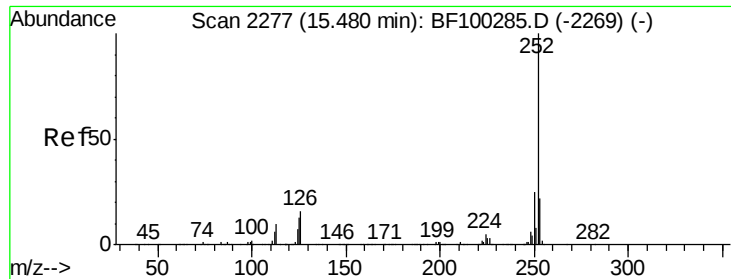
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#88
Benzo(k)fluoranthene
Concen: 36.114 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.2	10.2	15.2





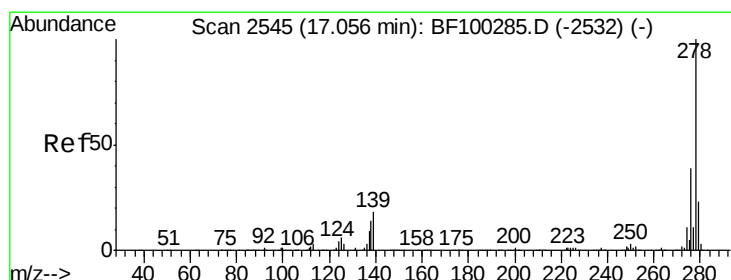
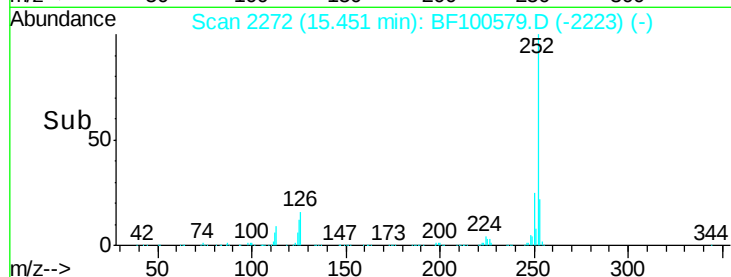
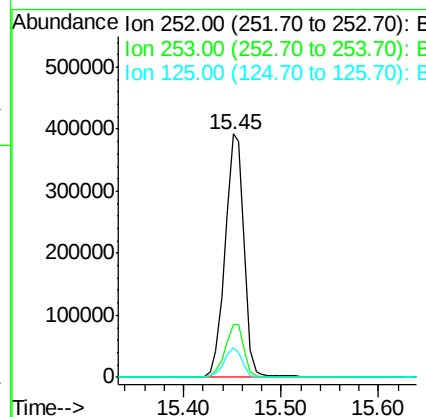
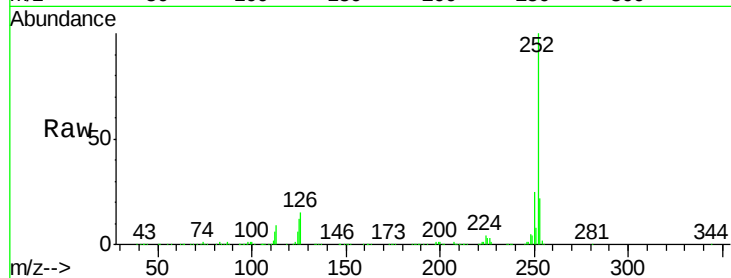
#89
Benzo(a)pyrene
Concen: 37.872 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.0	9.8	14.6

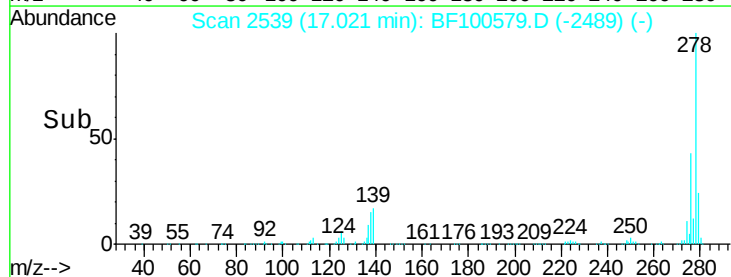
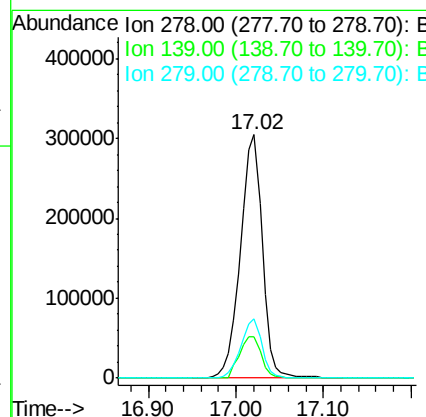
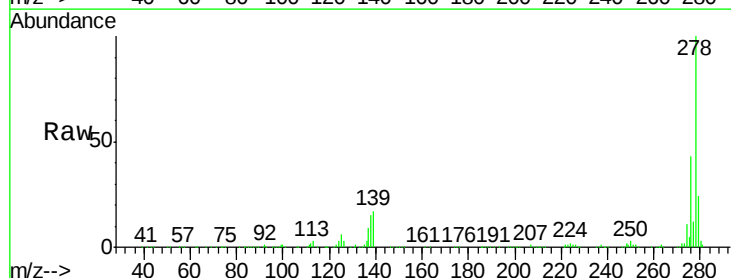
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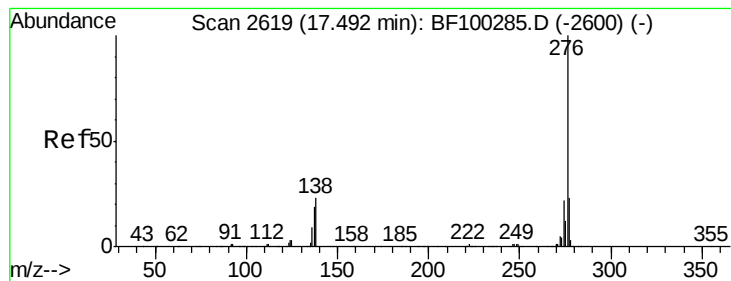
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#90
Dibenzo(a,h)anthracene
Concen: 45.768 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF100579.D
Acq: 15 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	24.4	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 50.257 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BF100579.D

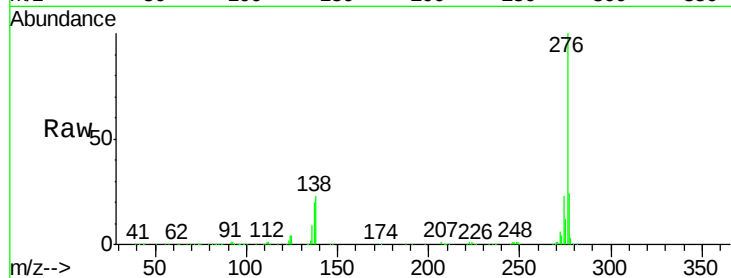
Acq: 15 Nov 2017 11:14

Instrument :

BNA_F

ClientSampleId :

PB104203BS



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.1	17.9	26.9	
138	23.2	21.8	32.8	

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