

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100857.D
 Acq On : 23 Nov 2017 7:08
 Operator : SJ/JU
 Sample : PB104490BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:21:06 PM

Quant Time: Nov 27 05:37:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74724	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	292432	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	133263	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	233936	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	141921	20.00	ng	-0.02
86) Perylene-d12	15.50	264	157699	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	394145	84.55	ng	0.00
7) Phenol-d6	6.49	99	481438	83.75	ng	-0.02
23) Nitrobenzene-d5	7.43	82	444926	100.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	130786	96.31	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	905171	103.43	ng	-0.02
78) Terphenyl-d14	12.97	244	607117	98.29	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	73826	32.498	ng	96
3) Pyridine	3.48	79	218173	35.202	ng	92
4) n-Nitrosodimethylamine	3.45	42	107814	35.829	ng	99
6) Aniline	6.53	93	156627	19.287	ng	97
8) 2-Chlorophenol	6.65	128	229875	46.614	ng	94
9) Benzaldehyde	6.41	77	55125	13.428	ng	95
10) Phenol	6.51	94	274418	45.475	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	202805	40.011	ng	99
12) 1,3-Dichlorobenzene	6.80	146	253317	44.554	ng	98
13) 1,4-Dichlorobenzene	6.88	146	257878	44.813	ng	97
14) 1,2-Dichlorobenzene	7.03	146	240814	45.261	ng	95
15) Benzyl Alcohol	7.00	79	191935	42.783	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	345536	42.623	ng	99
17) 2-Methylphenol	7.12	107	193655	45.953	ng	98
18) Hexachloroethane	7.37	117	77859	41.036	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	154275	38.700	ng	95
20) 3+4-Methylphenols	7.27	107	233624	43.808	ng	# 78
22) Acetophenone	7.27	105	302920	42.480	ng	# 95
24) Nitrobenzene	7.45	77	226786	49.815	ng	97
25) Isophorone	7.69	82	415771	44.731	ng	97
26) 2-Nitrophenol	7.76	139	122025	56.140	ng	# 88
27) 2,4-Dimethylphenol	7.80	122	214505	51.480	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	263317	43.309	ng	99
29) 2,4-Dichlorophenol	8.00	162	203647	51.196	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	206673	48.033	ng	93
31) Naphthalene	8.17	128	649496	46.112	ng	99
32) Benzoic acid	7.92	122	135034	43.429	ng	98
33) 4-Chloroaniline	8.21	127	66364	11.319	ng	96
34) Hexachlorobutadiene	8.28	225	121866	47.636	ng	100
35) Caprolactam	8.60	113	61156m	44.800	ng	
36) 4-Chloro-3-methylphenol	8.70	107	197038m	46.122	ng	
37) 2-Methylnaphthalene	8.86	142	451803	48.315	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	212934	48.179	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	83046	39.924	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	150534	53.741	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	153112	52.758	nq	92
45) 1,1'-Biphenyl	9.32	154	541370	46.970	nq	98
46) 2-Chloronaphthalene	9.35	162	415672	49.712	nq	95
47) 2-Nitroaniline	9.45	65	122445	49.468	nq	99
48) Acenaphthylene	9.76	152	643524	46.440	nq	100
49) Dimethylphthalate	9.62	163	497002	48.846	nq	100
50) 2,6-Dinitrotoluene	9.69	165	110040	54.636	nq	92
51) Acenaphthene	9.93	154	379440	45.023	nq	99
52) 3-Nitroaniline	9.85	138	62705	26.366	nq	96
53) 2,4-Dinitrophenol	9.96	184	47658	61.426	nq #	15
54) Dibenzofuran	10.11	168	559829	47.395	nq	97
55) 4-Nitrophenol	10.02	139	145964	75.585	nq	92
56) 2,4-Dinitrotoluene	10.09	165	138351	54.452	nq #	94
57) Fluorene	10.45	166	434516	50.216	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	116700	49.064	nq #	86
59) Diethylphthalate	10.32	149	476587	46.806	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	212256	50.003	nq	91
61) 4-Nitroaniline	10.47	138	95096	42.169	nq	87
62) Azobenzene	10.60	77	409243	42.674	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	35107	32.985	nq	86
65) n-Nitrosodiphenylamine	10.56	169	404378	49.713	nq	97
66) 4-Bromophenyl-phenylether	10.93	248	134718	53.720	nq	89
67) Hexachlorobenzene	11.00	284	138647	52.862	nq #	85
68) Atrazine	11.09	200	124802	50.686	nq	98
69) Pentachlorophenol	11.19	266	125839	66.910	nq	97
70) Phenanthrene	11.42	178	597241	48.489	nq	98
71) Anthracene	11.46	178	611368	48.924	nq	99
72) Carbazole	11.62	167	505004	43.798	nq	99
73) Di-n-butylphthalate	11.94	149	684149	50.703	nq	99
74) Fluoranthene	12.60	202	522390	40.018	nq	97
76) Benzidine	12.72	184	192242	33.824	nq	98
77) Pyrene	12.83	202	511384	50.549	nq	99
79) Butylbenzylphthalate	13.44	149	206707	50.102	nq	93
80) Benzo(a)anthracene	14.02	228	429903	50.302	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	129035	42.140	nq #	98
82) Chrysene	14.05	228	405403	48.985	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	261339	48.161	nq	99
84) Di-n-octyl phthalate	14.61	149	437453	46.927	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	419863	62.721	nq	94
87) Benzo(b)fluoranthene	15.07	252	432602	46.303	nq	98
88) Benzo(k)fluoranthene	15.10	252	424420	48.079	nq	98
89) Benzo(a)pyrene	15.44	252	420878	50.814	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	353470	52.183	nq #	93
91) Benzo(g,h,i)perylene	17.43	276	334666	50.472	nq #	93

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

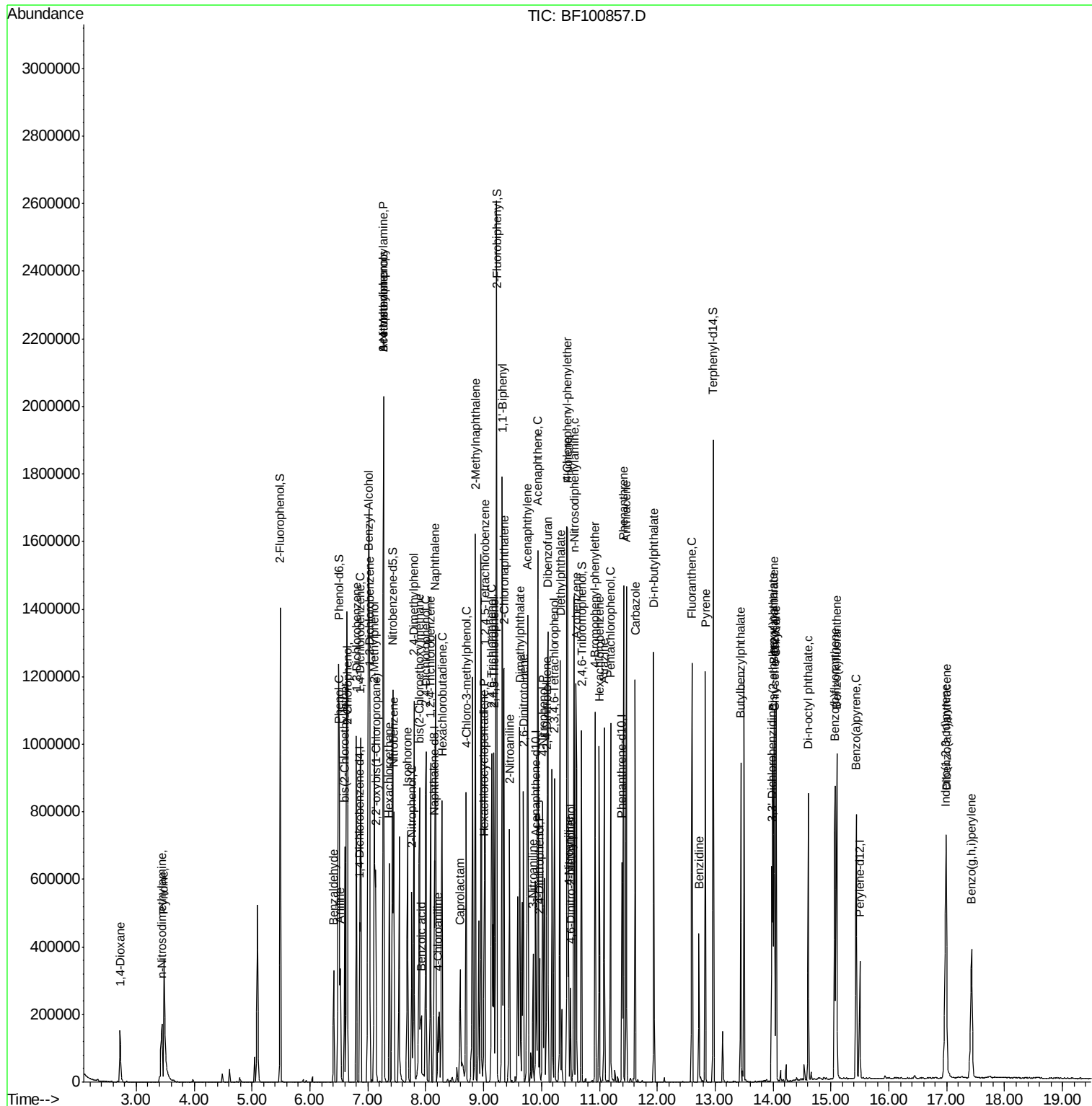
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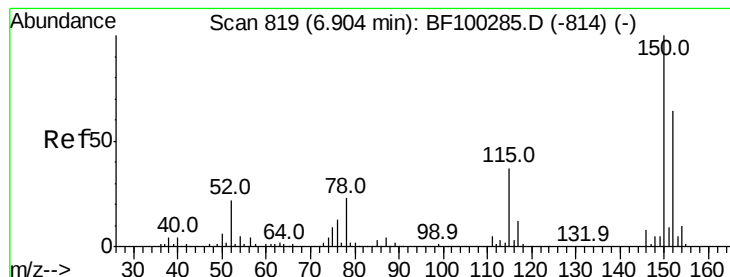
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

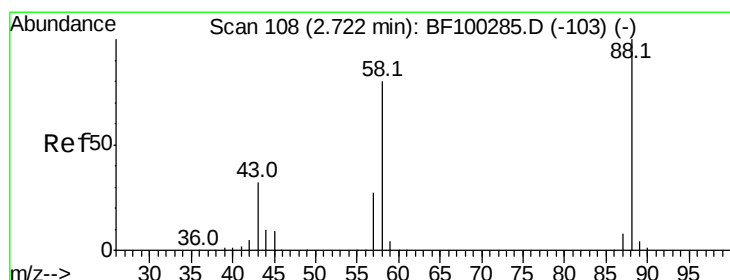
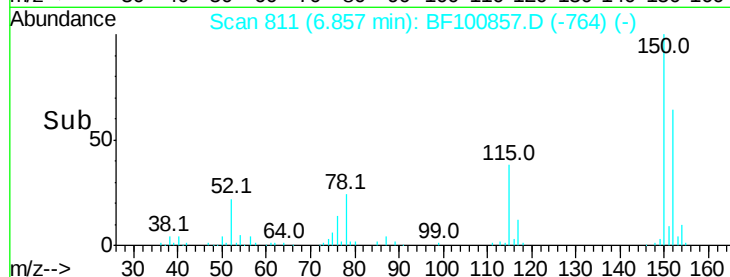
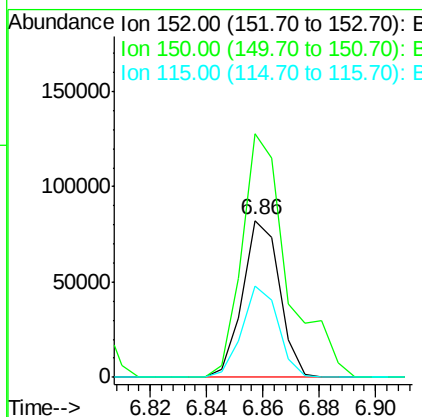
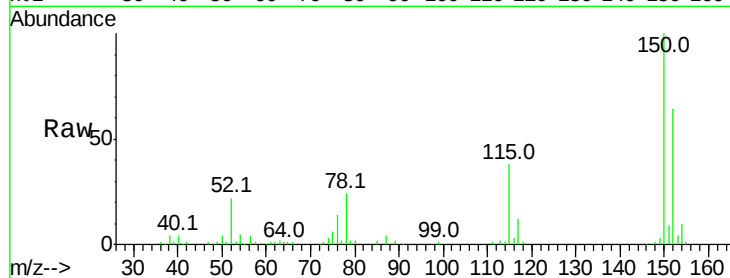
ClientSampleId :

PB104490BS

Tot Ion:	152	Resp:	74724
Ion Ratio	Lower	Upper	
152	100		
150	155.3	124.6	186.8
115	58.4	50.1	75.1

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#2

1,4-Dioxane

Concen: 32.498 ng

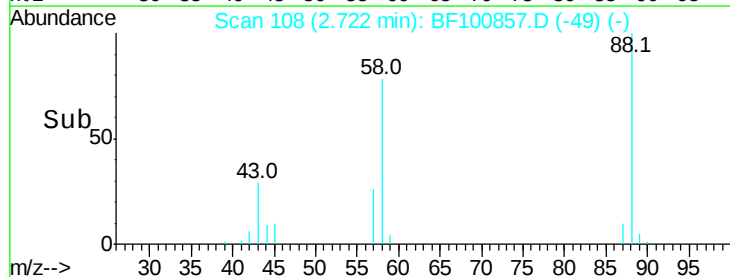
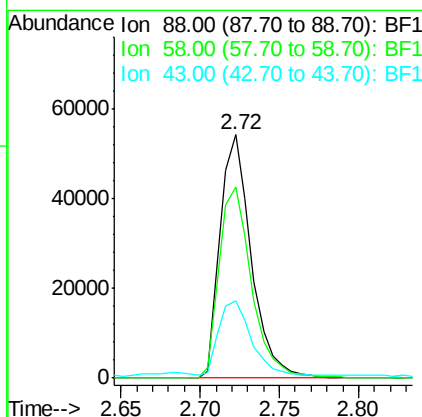
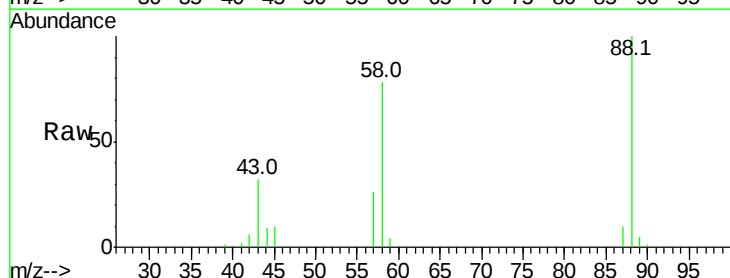
RT: 2.72 min Scan# 108

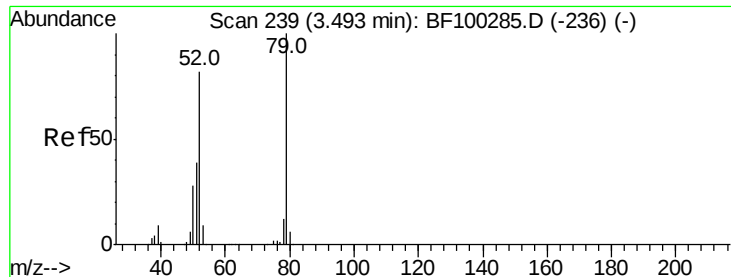
Delta R.T. 0.05 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	88	Resp:	73826
Ion Ratio	Lower	Upper	
88	100		
58	81.7	62.6	93.8
43	32.4	24.6	37.0





#3

Pvridine

Concen: 35.202 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.03 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

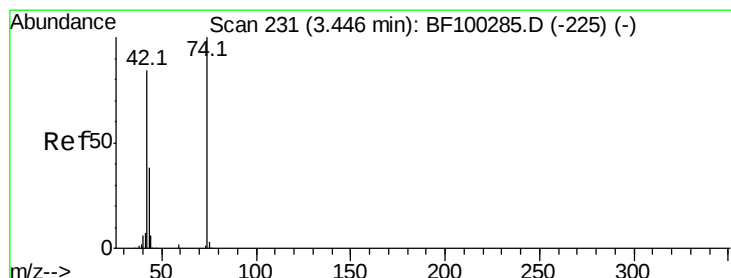
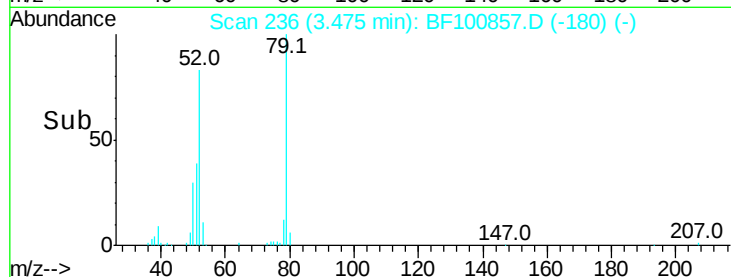
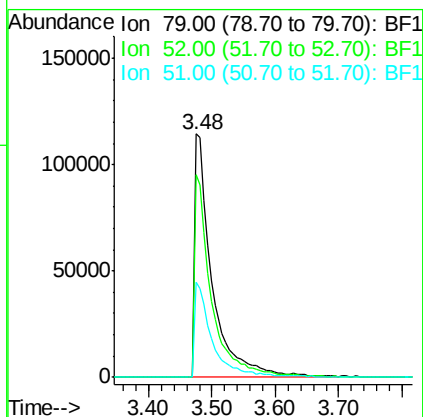
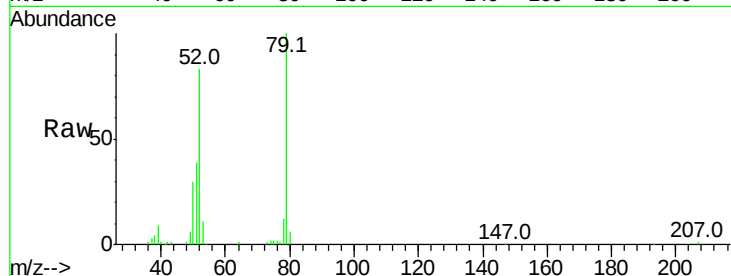
ClientSampleId :

PB104490BS

Tot Ion:	79	Resp:	218173
Ion Ratio	Lower	Upper	
79	100		
52	83.4	59.8	89.6
51	39.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.829 ng

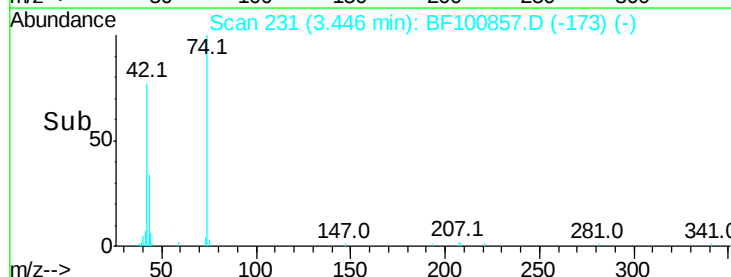
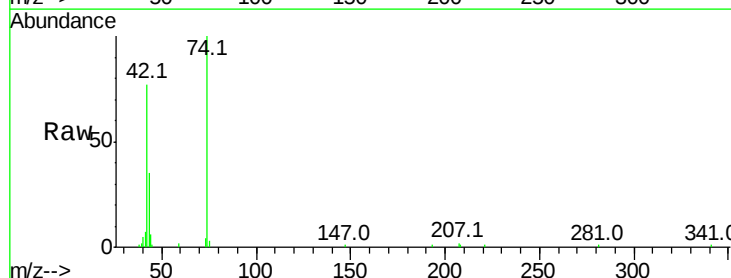
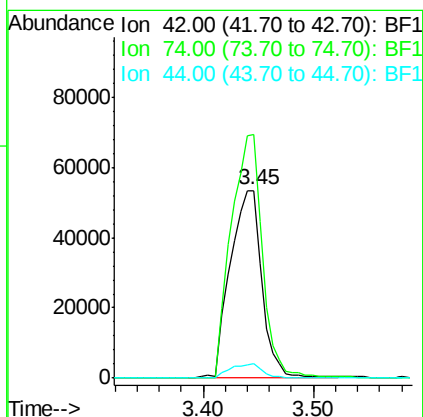
RT: 3.45 min Scan# 231

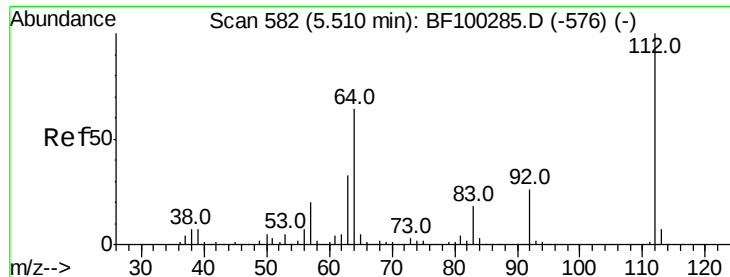
Delta R.T. 0.04 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	42	Resp:	107814
Ion Ratio	Lower	Upper	
42	100		
74	129.8	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 84.552 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

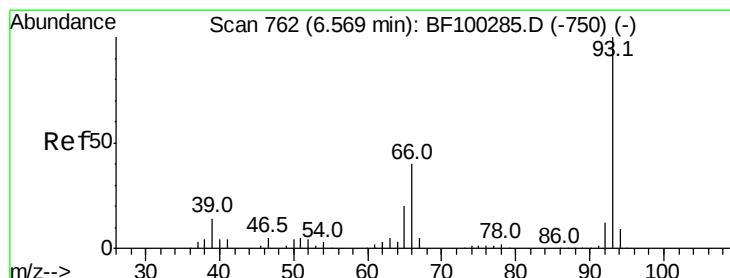
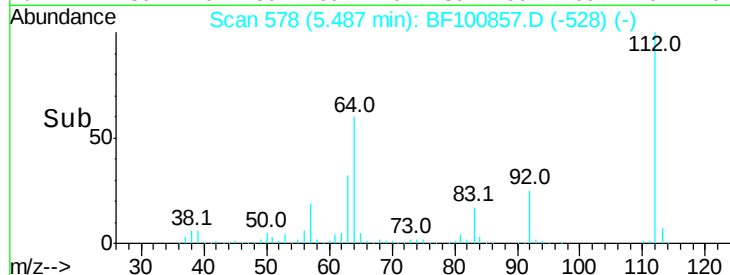
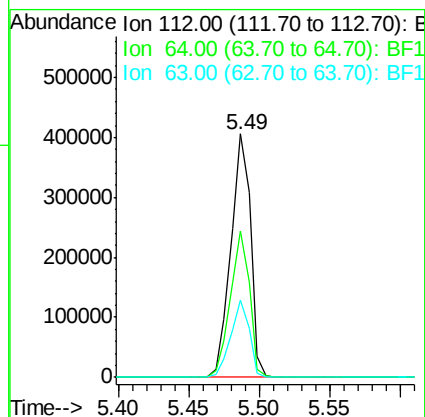
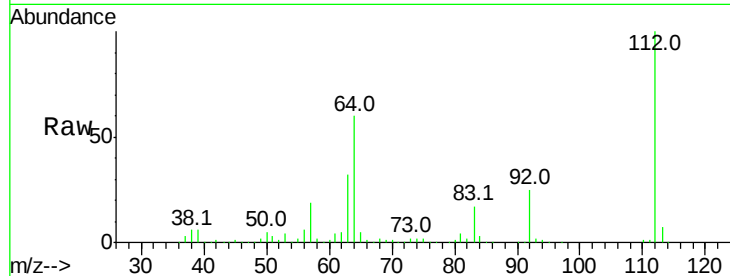
ClientSampled :

PB104490BS

Tot Ion:	112	Resp:	394145
Ion Ratio	Lower	Upper	
112	100		
64	60.3	47.9	71.9
63	31.7	23.7	35.5

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#6

Aniline

Concen: 19.287 ng

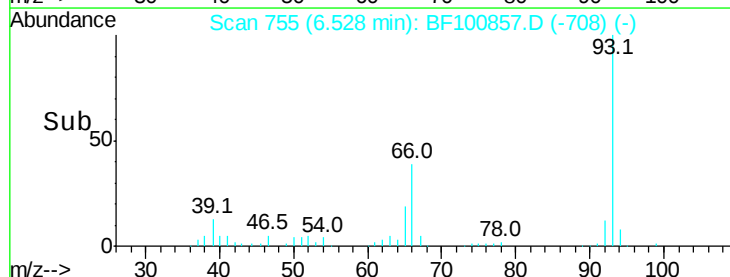
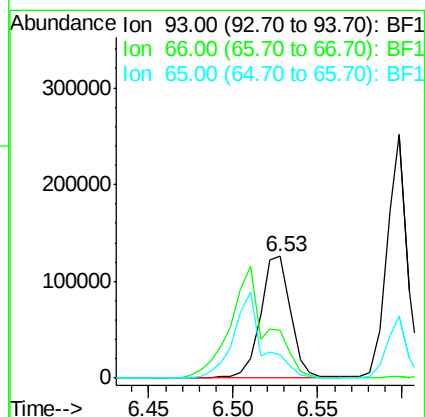
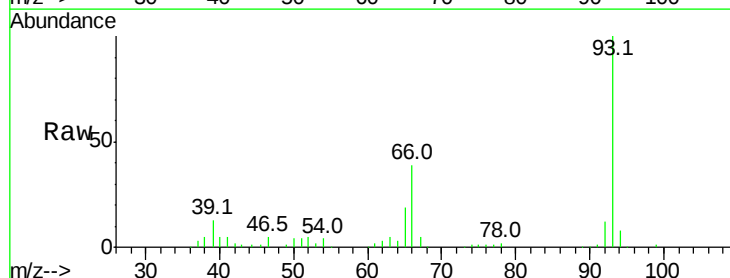
RT: 6.53 min Scan# 755

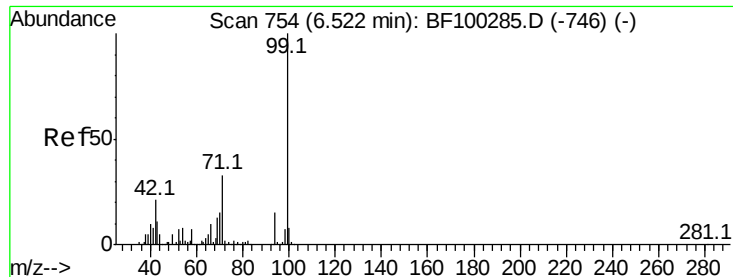
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	93	Resp:	156627
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.2	48.2
65	19.2	16.4	24.6





#7

Phenol-d6

Concen: 83.753 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

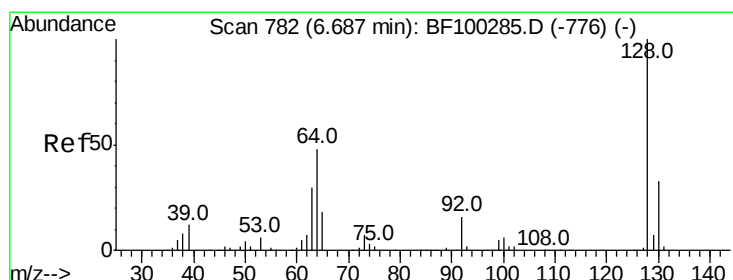
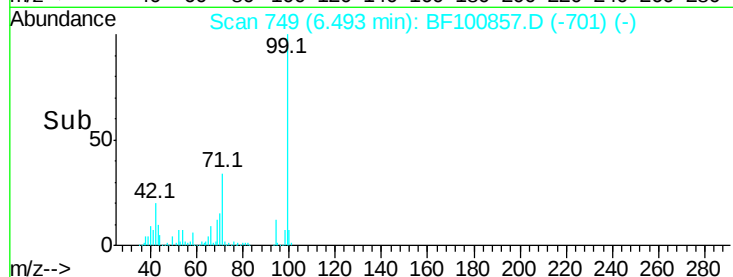
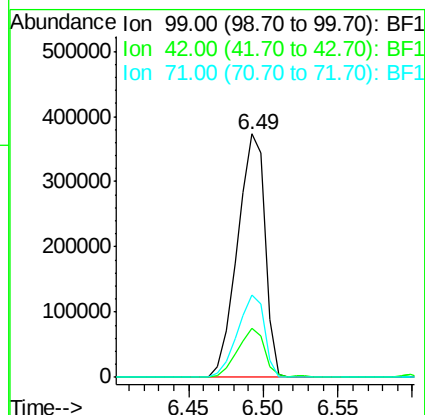
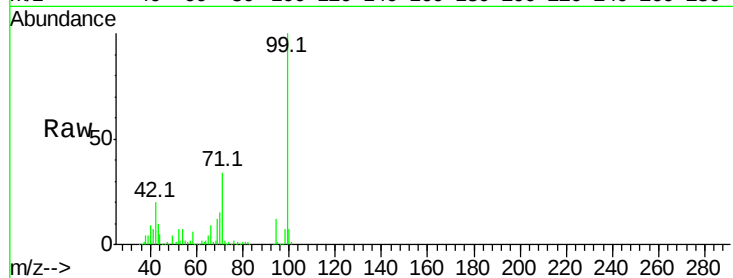
ClientSampleId :

PB104490BS

Tot Ion	99	Resp	481438
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.5	21.7
71	34.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 46.614 ng

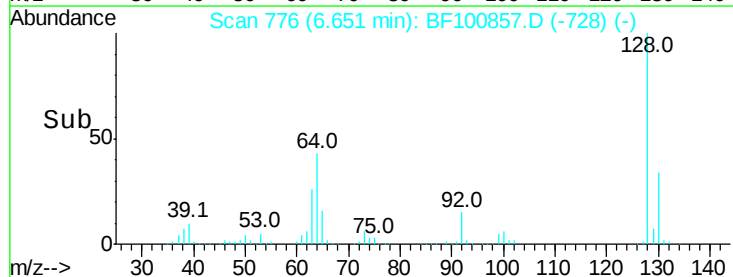
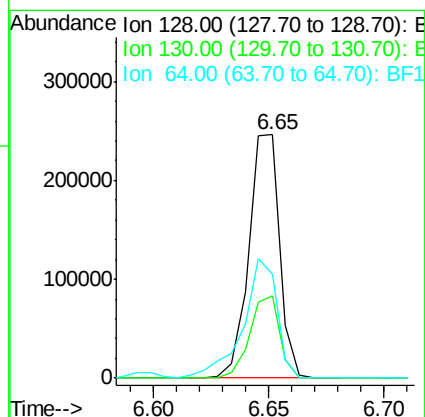
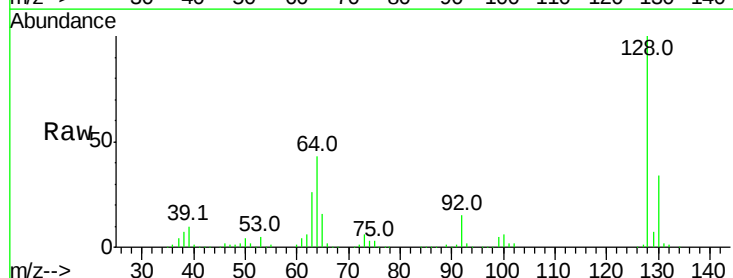
RT: 6.65 min Scan# 776

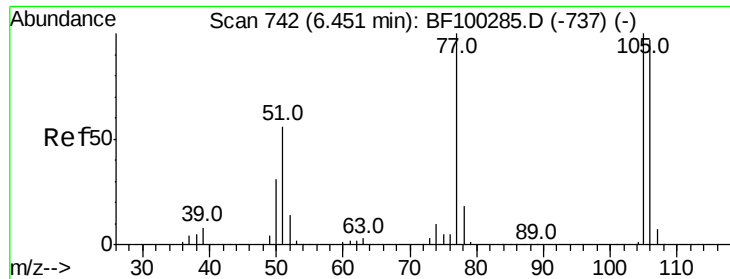
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion	128	Resp	229875
Ion Ratio	Lower	Upper	
128	100		
130	33.7	13.0	53.0
64	42.6	29.4	69.4





#9

Benzaldehyde

Concen: 13.428 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

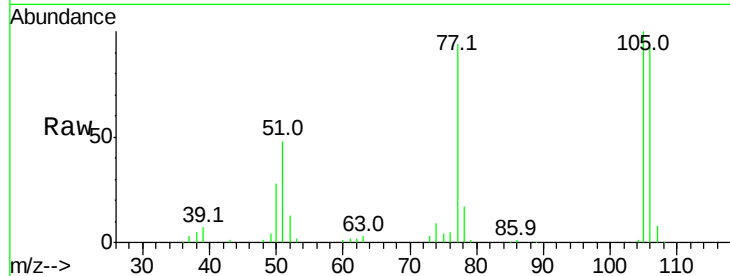
ClientSampleID :

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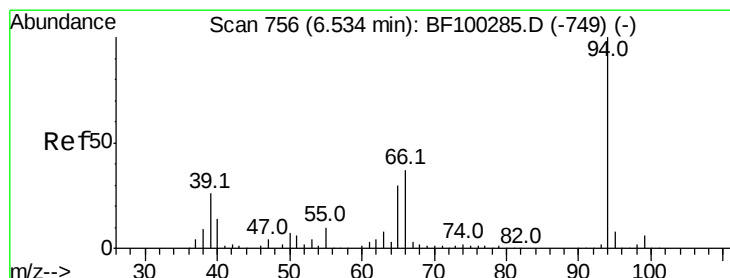
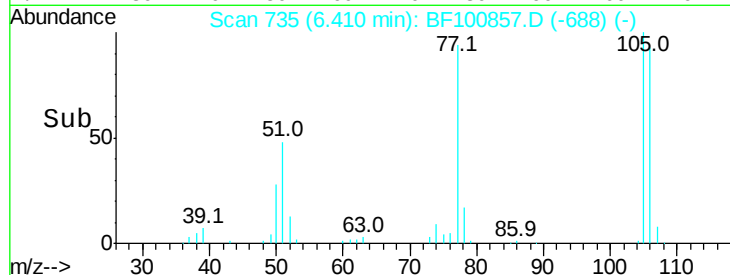
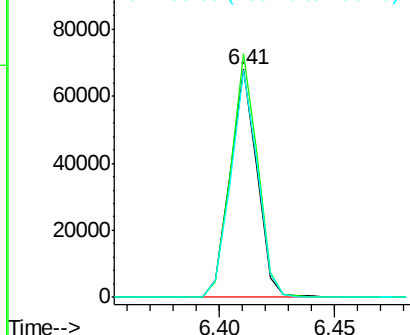
Tot Ion:	77	Resp:	55125
Ion	Ratio	Lower	Upper
77	100		
105	106.7	81.1	121.1
106	99.7	74.5	114.5

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.475 ng

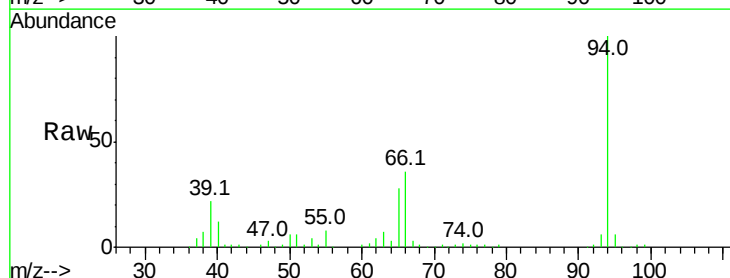
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

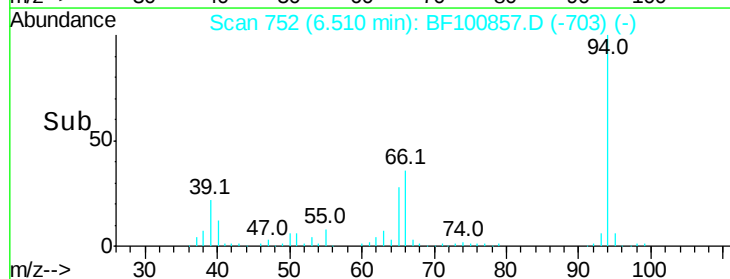
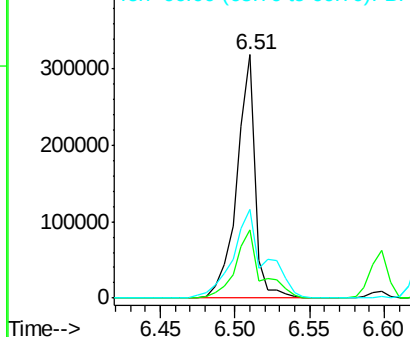
Lab File: BF100857.D

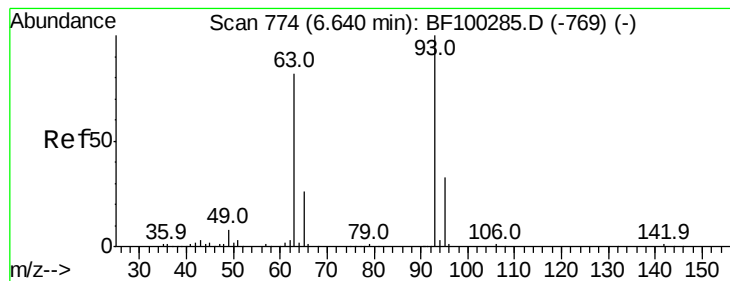
Acq: 23 Nov 2017 7:08

Tgt Ion:	94	Resp:	274418
Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	36.3	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





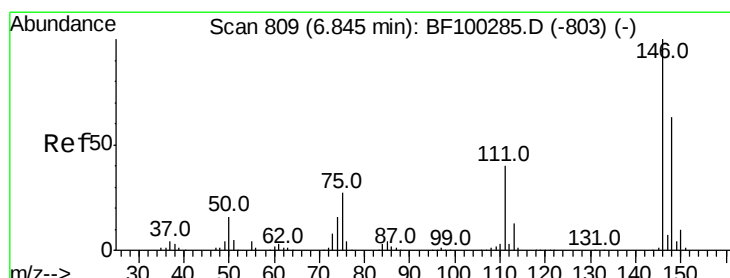
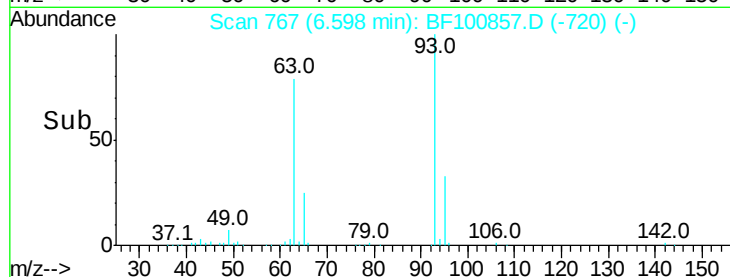
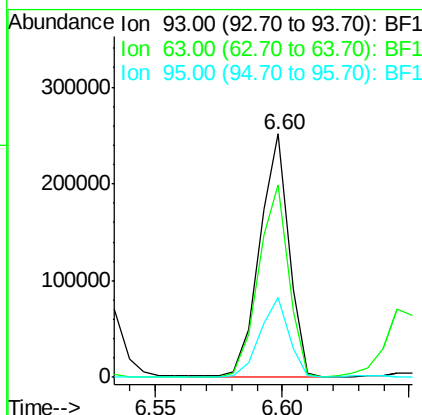
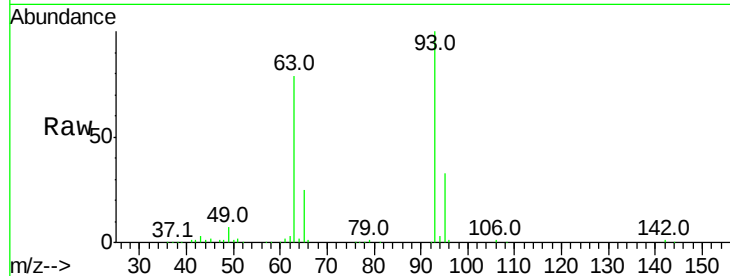
#11
bis(2-Chloroethyl)ether
Concen: 40.011 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	79.0	58.6	98.6
95	32.5	11.8	51.8

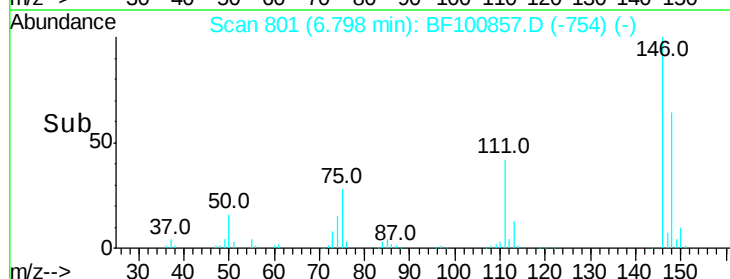
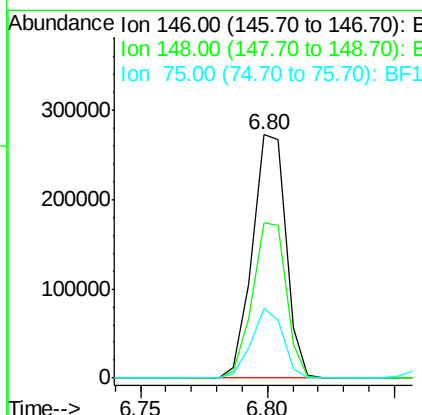
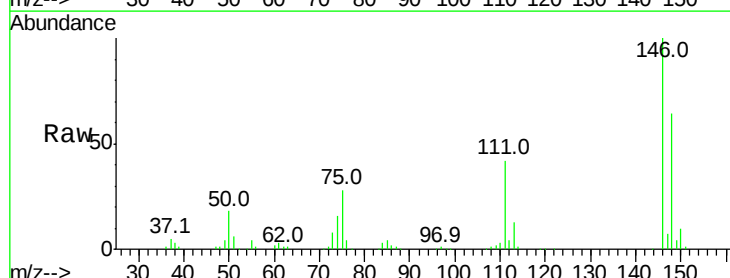
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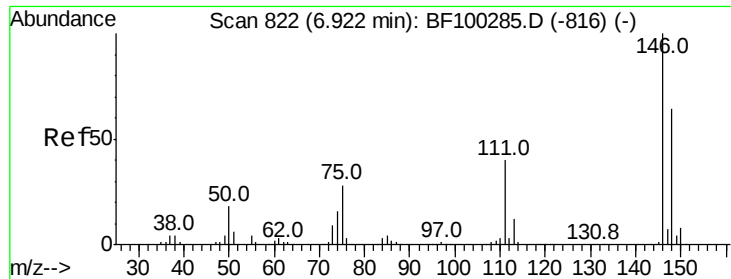
Sohil
11/27/2017 3:21:06 PM



#12
1,3-Dichlorobenzene
Concen: 44.554 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 44.813 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

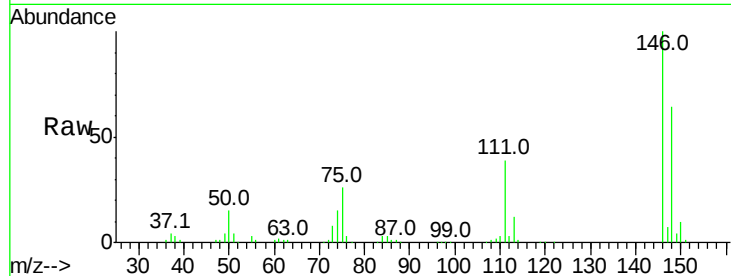
ClientSampleId :

PB104490BS

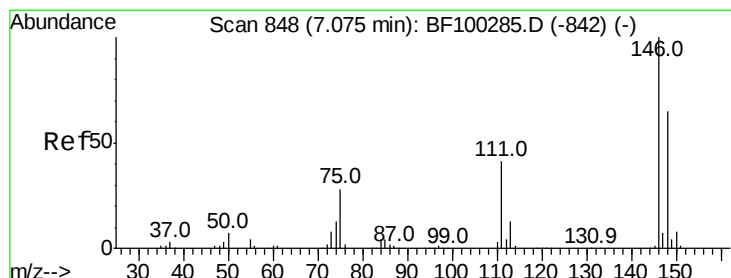
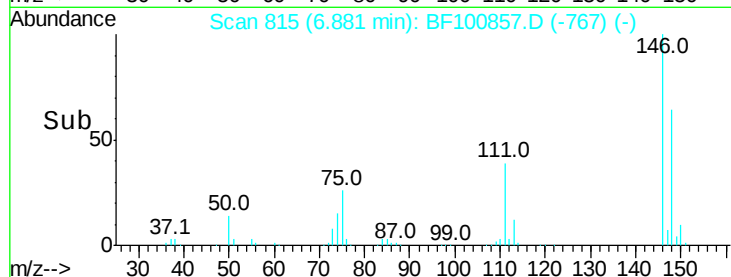
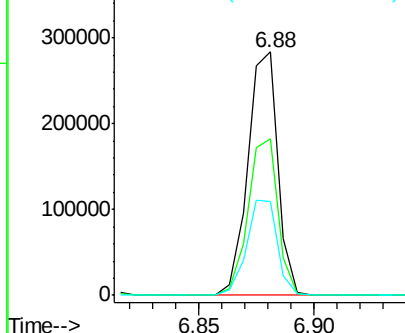
Tot Ion:	146	Resp:	257878
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	38.7	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.261 ng

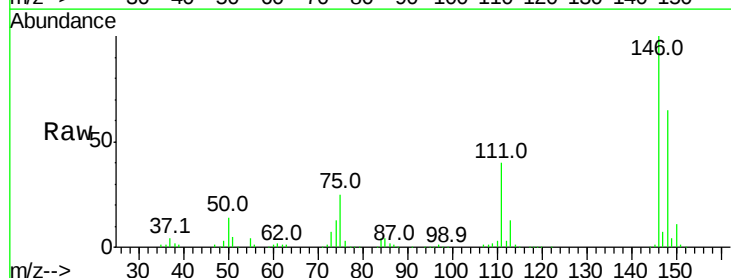
RT: 7.03 min Scan# 841

Delta R.T. -0.02 min

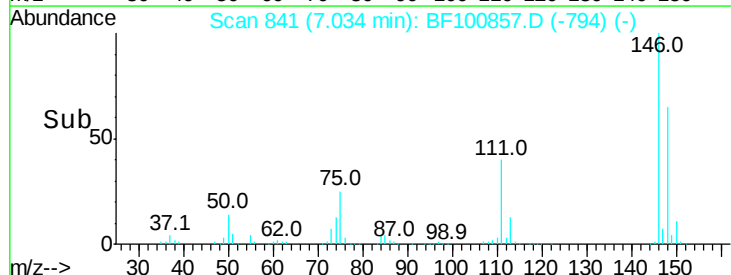
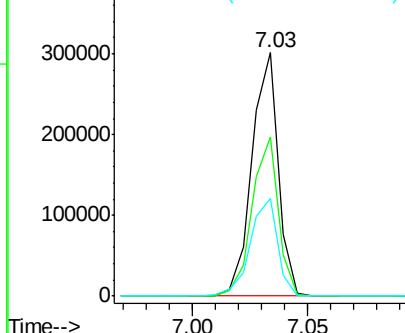
Lab File: BF100857.D

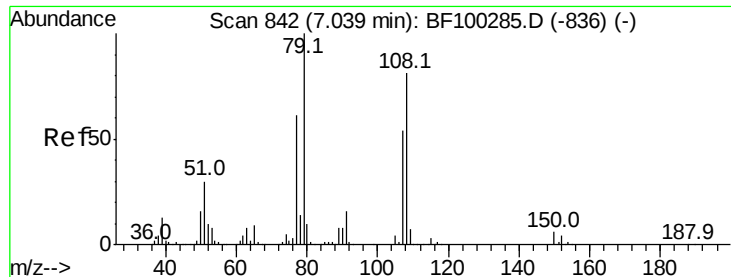
Acq: 23 Nov 2017 7:08

Tgt Ion:	146	Resp:	240814
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.6	75.8
111	40.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.783 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

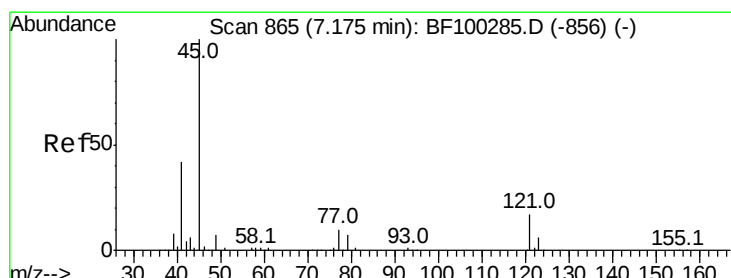
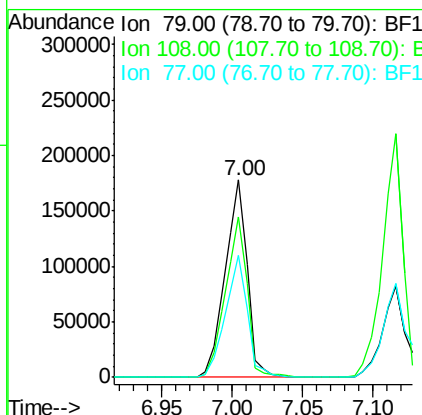
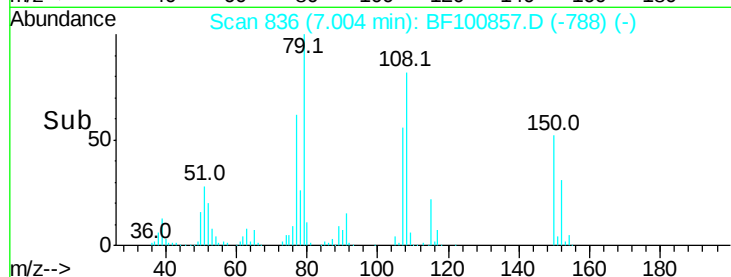
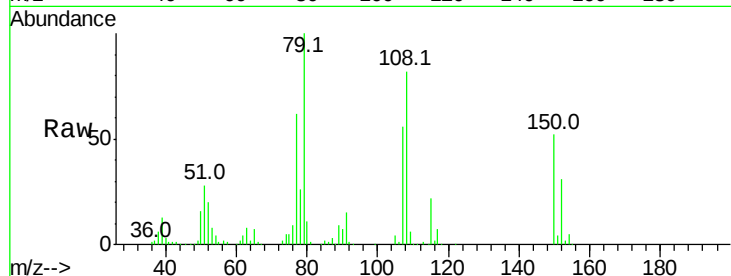
ClientSampled :

PB104490BS

Tot Ion:	79	Resp:	191935
Ion Ratio	Lower	Upper	
79	100		
108	81.6	65.1	97.7
77	61.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.623 ng

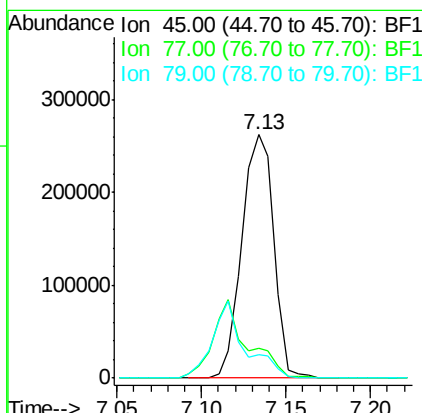
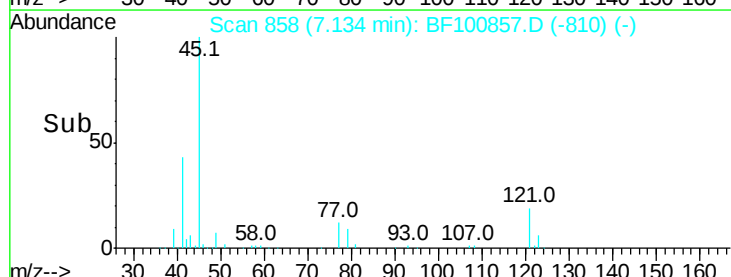
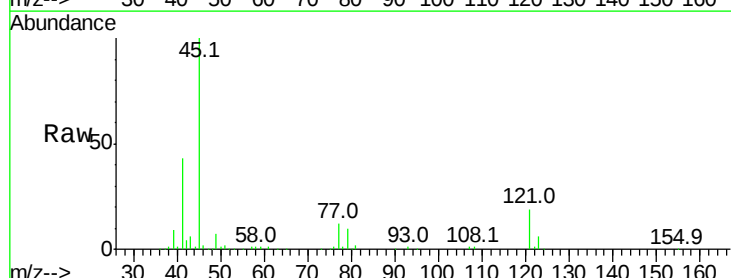
RT: 7.13 min Scan# 858

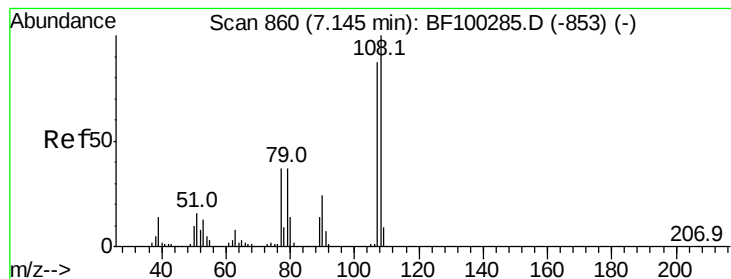
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	45	Resp:	345536
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.9
79	9.9	0.0	29.6





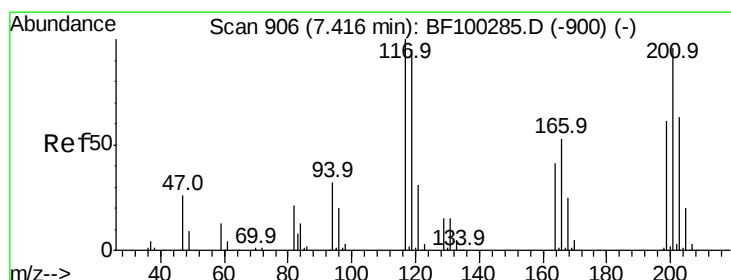
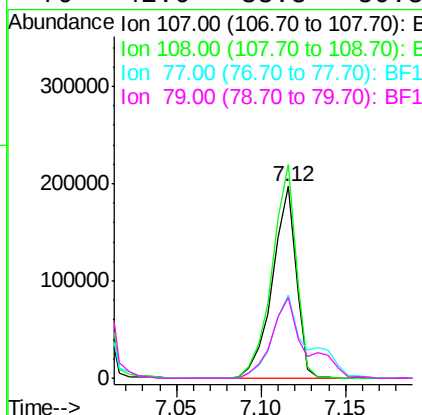
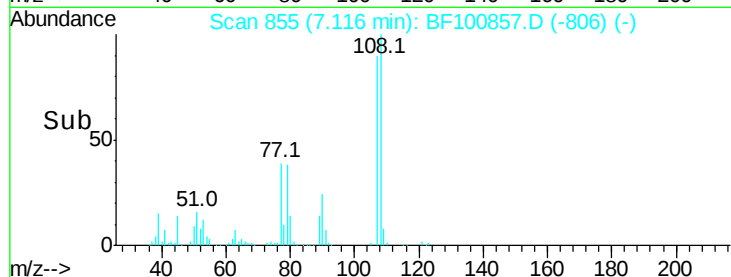
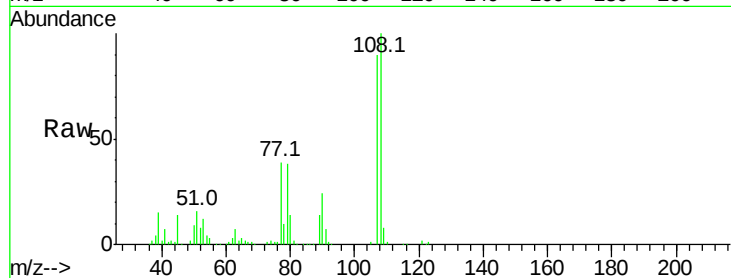
#17
2-Methylphenol
Concen: 45.953 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	91.7	137.5	
77	43.1	33.8	50.8	
79	42.0	33.8	50.8	

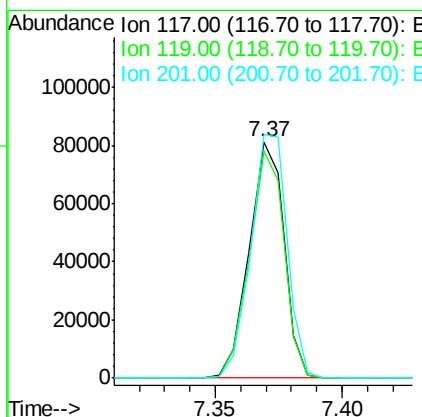
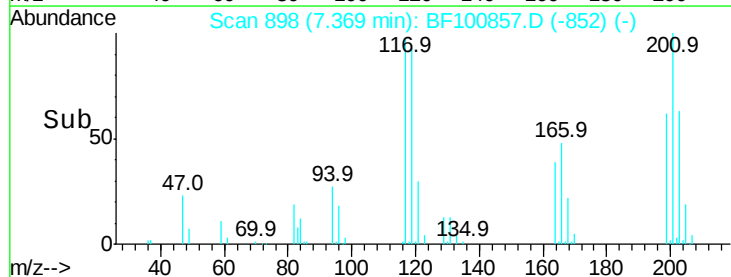
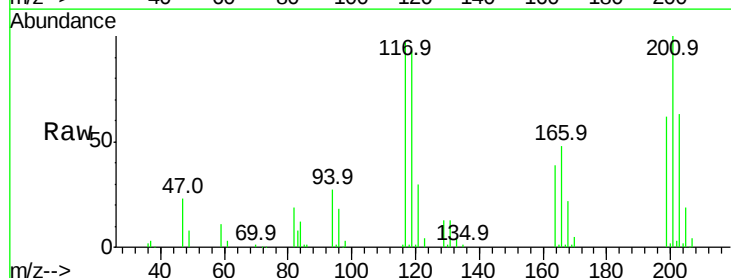
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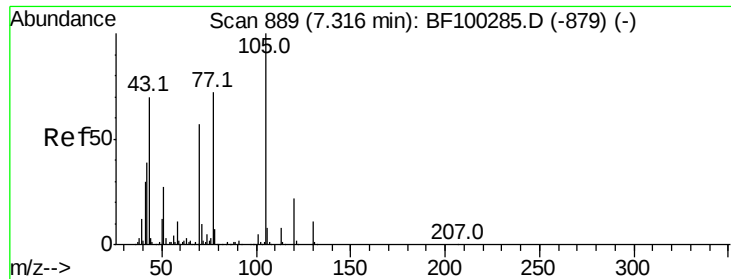
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#18
Hexachloroethane
Concen: 41.036 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.03 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	103.1	75.7	113.5	





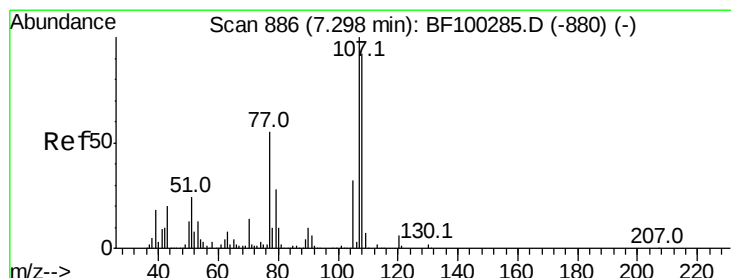
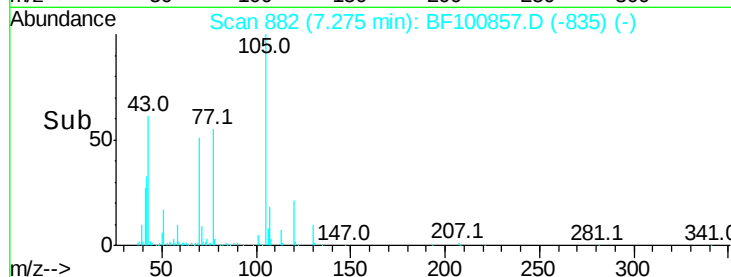
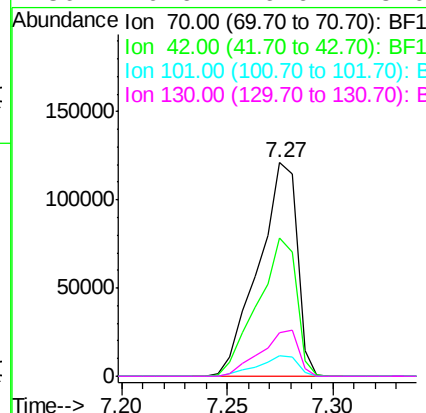
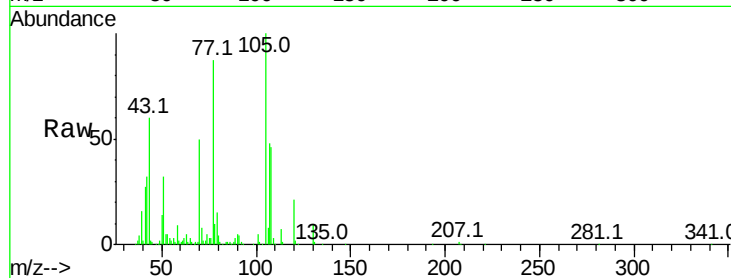
#19
n-Nitroso-di-n-propylamine
Concen: 38.700 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	9.9	7.4	11.2
130	20.6	16.6	25.0

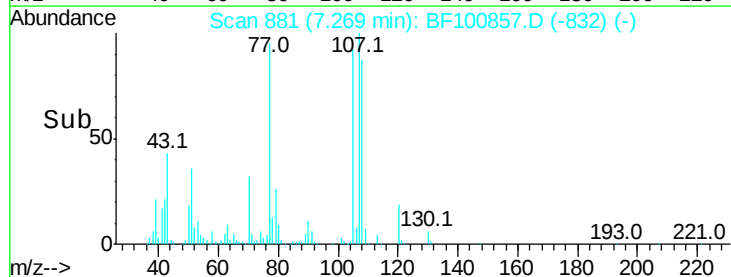
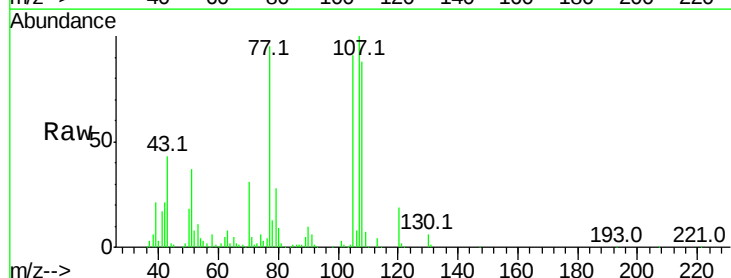
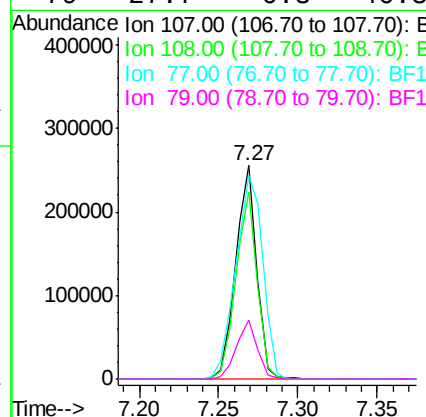
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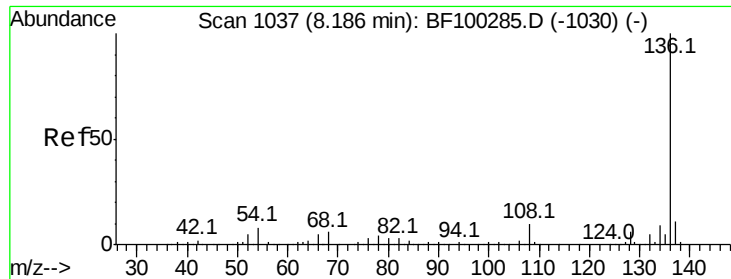
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#20
3+4-Methylphenols
Concen: 43.808 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	95.5	26.7	66.7#
79	27.7	6.3	46.3





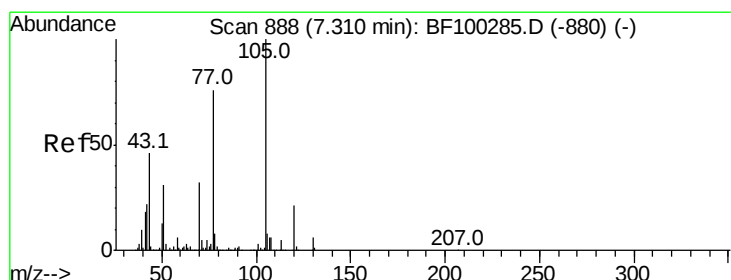
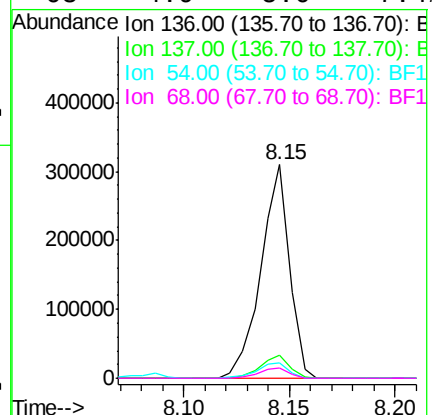
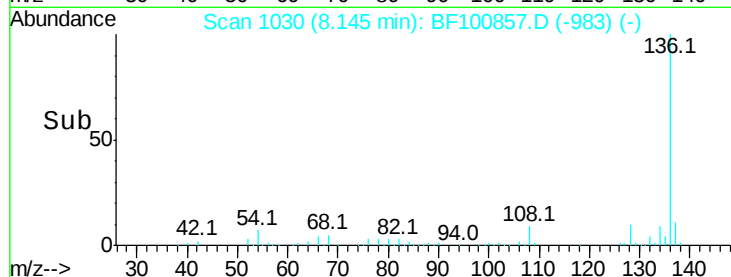
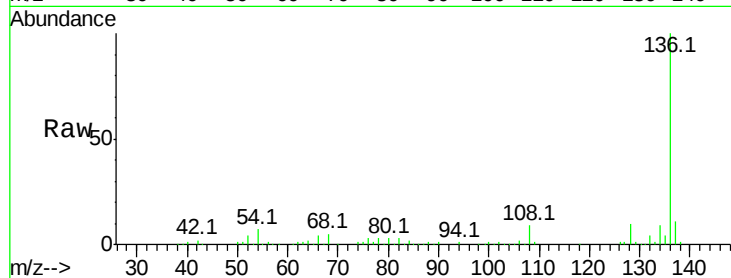
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#

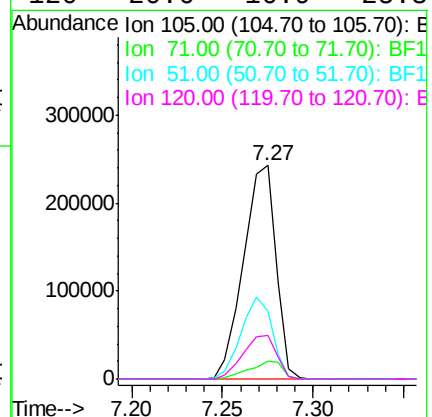
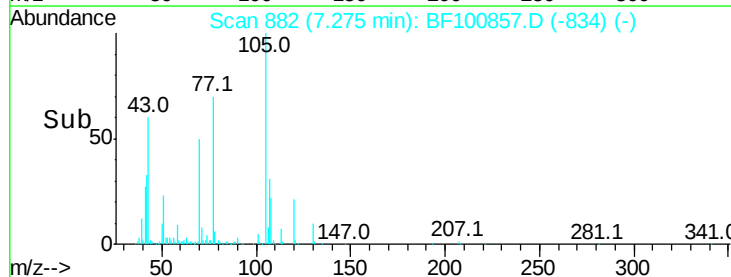
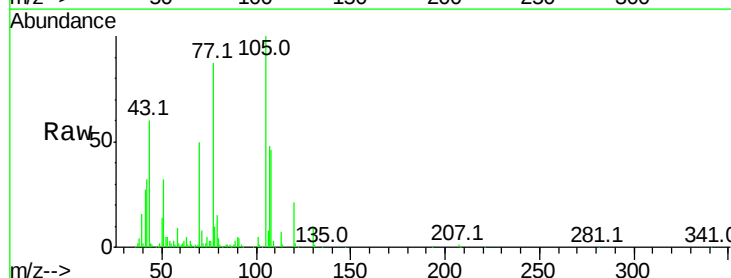
Manual Integrations
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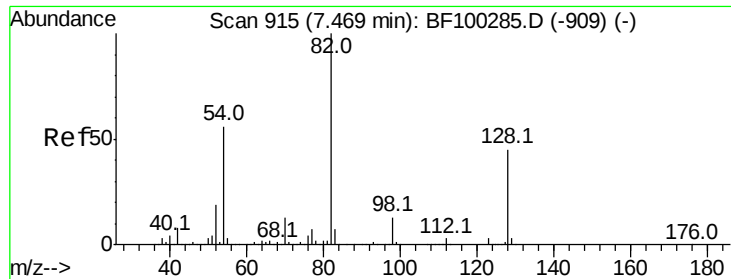
Sohil
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#22
Acetophenone
Concen: 42.480 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	31.5	22.3	33.5
120	20.6	16.9	25.3





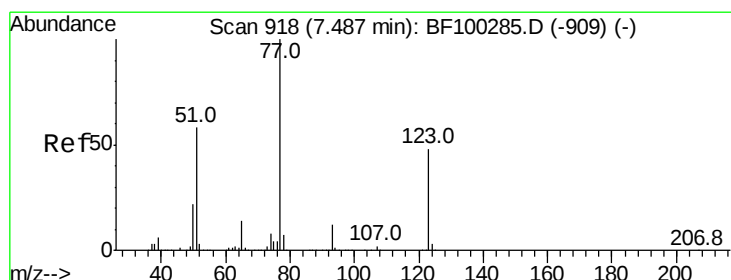
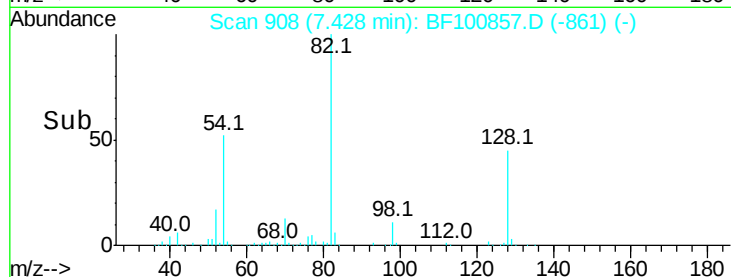
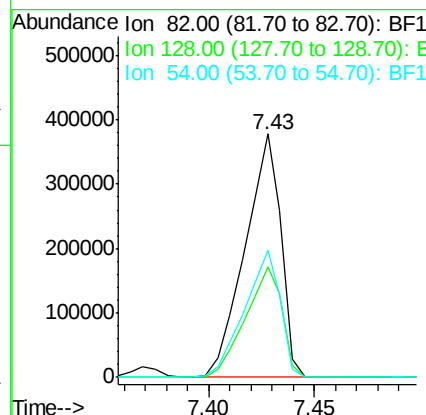
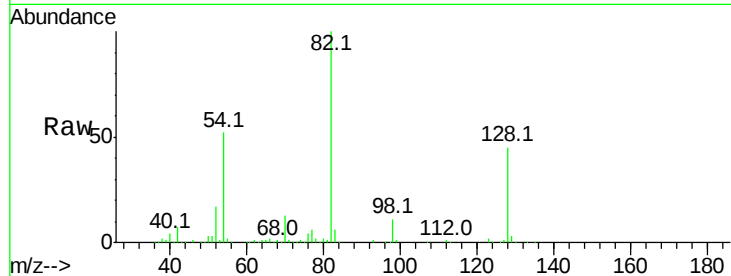
#23
Nitrobenzene-d5
Concen: 100.589 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampled :
PB104490BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	52.5	41.4	62.2

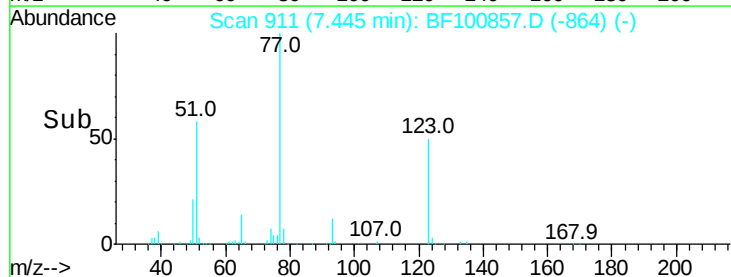
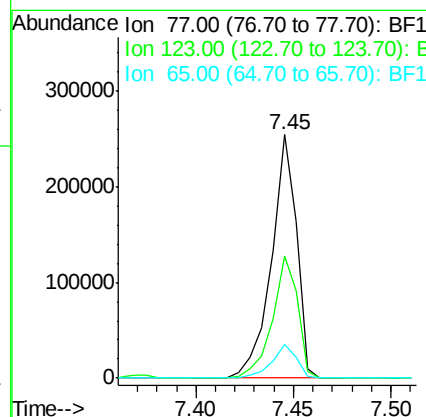
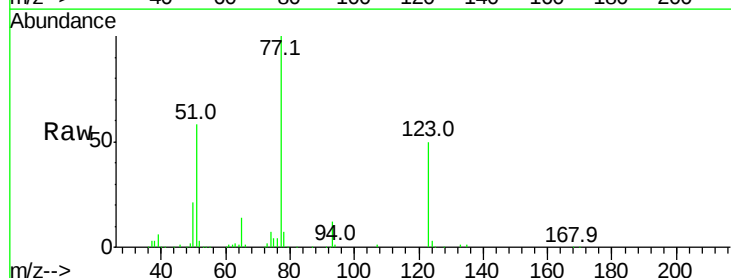
Manual Integrations
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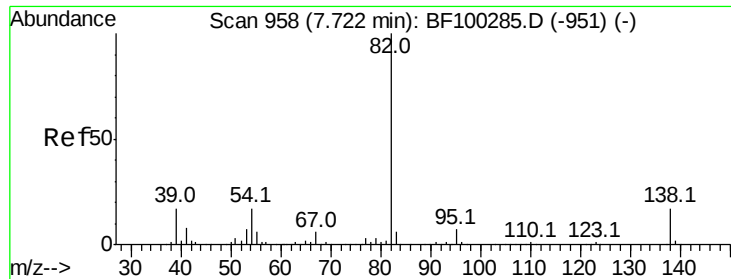
Sohil
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#24
Nitrobenzene
Concen: 49.815 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 44.731 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

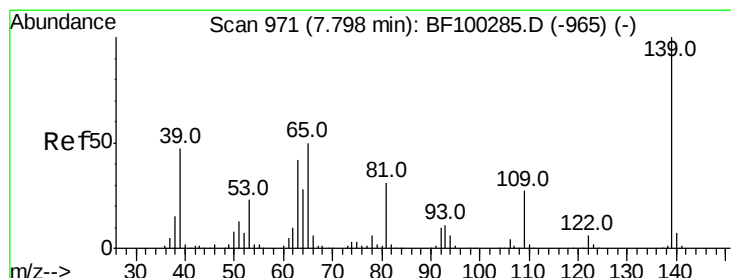
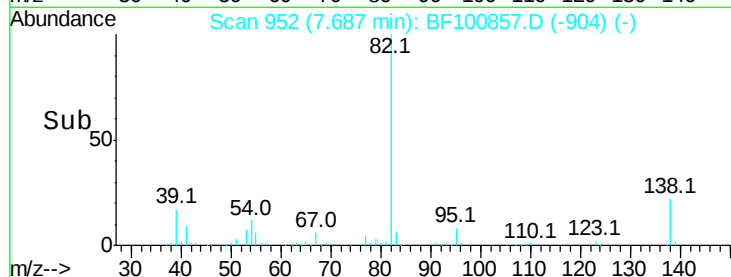
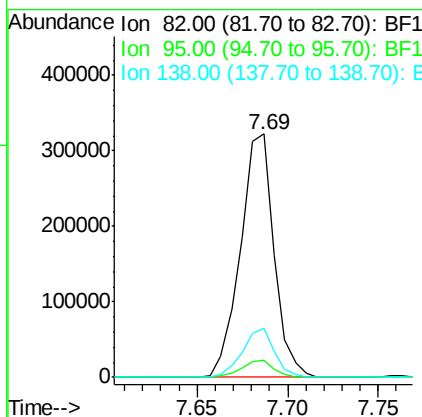
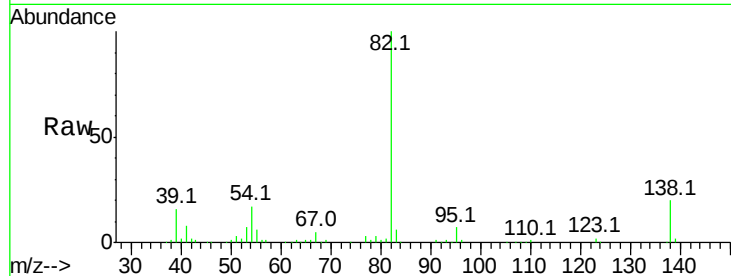
ClientSampleId :

PB104490BS

Tot Ion:	82	Resp:	415771
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	20.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.140 ng

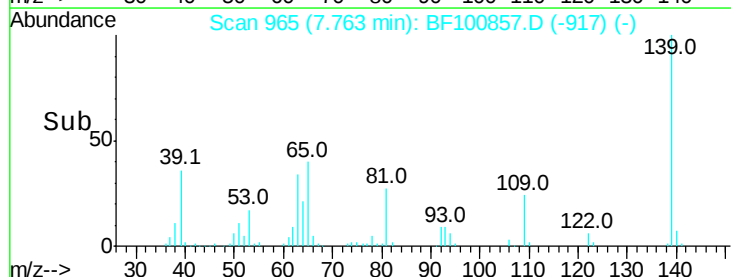
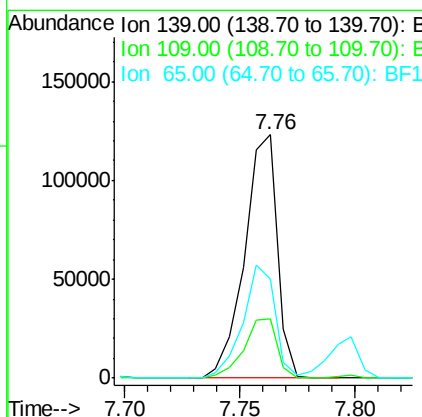
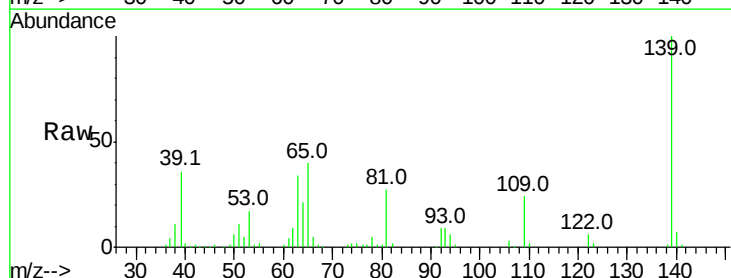
RT: 7.76 min Scan# 965

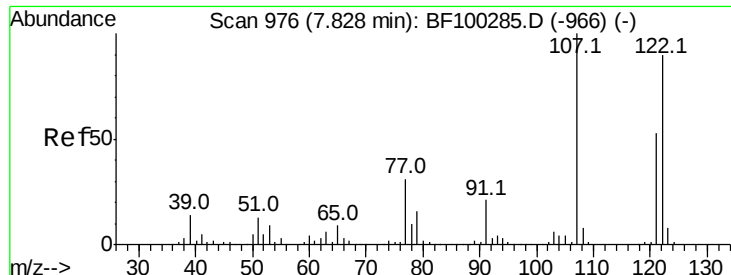
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	139	Resp:	122025
Ion Ratio	Lower	Upper	
139	100		
109	24.5	22.7	34.1
65	40.4	40.5	60.7#





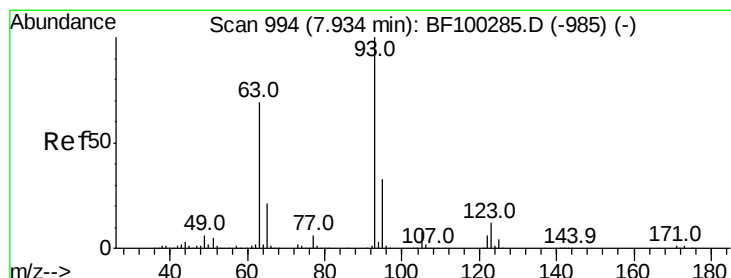
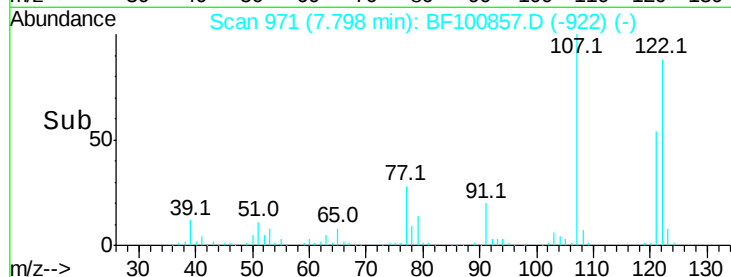
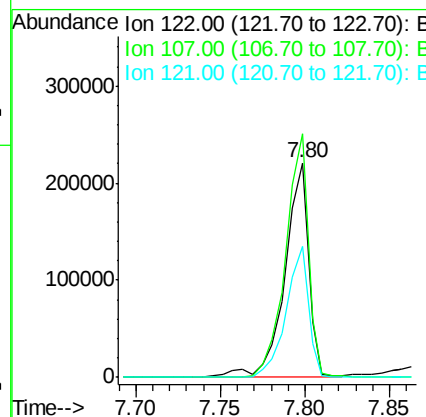
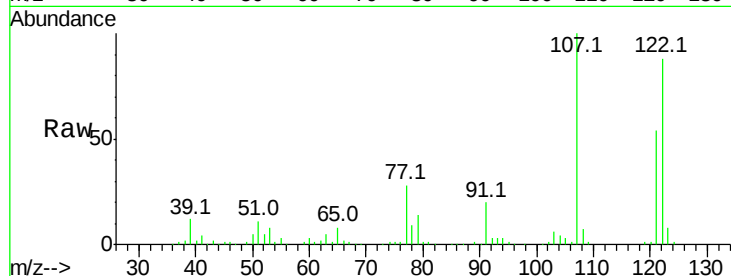
#27
2,4-Dimethylphenol
Concen: 51.480 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	214505		
107	113.5	91.2	136.8	
121	61.3	47.2	70.8	

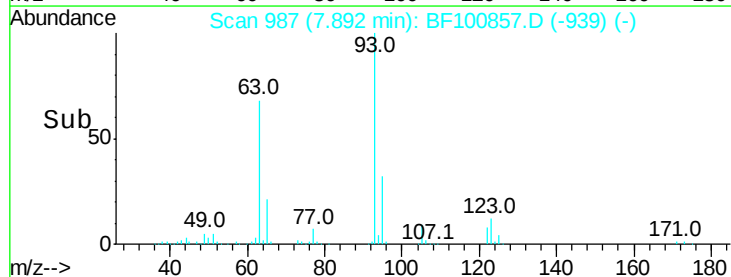
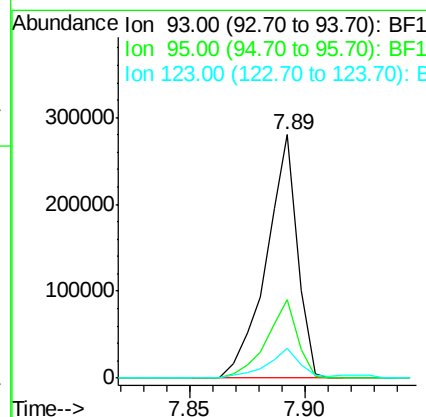
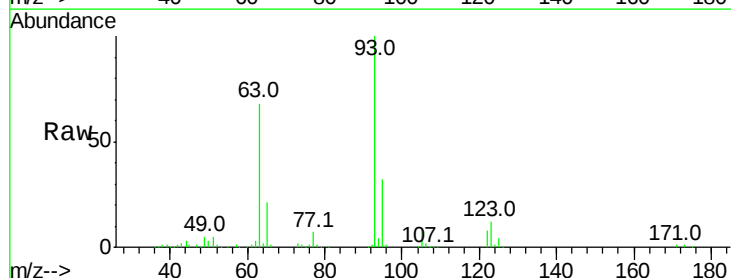
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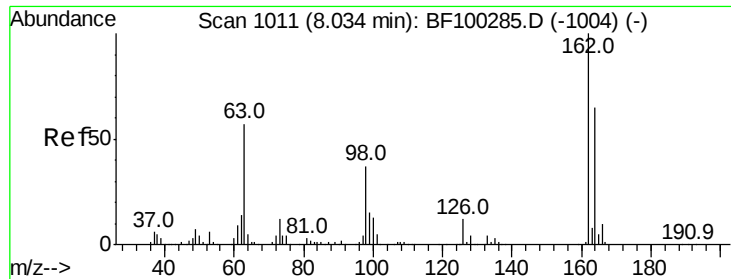
Sohil
11/27/2017 3:21:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.309 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	263317		
95	32.3	26.3	39.5	
123	12.0	9.8	14.6	





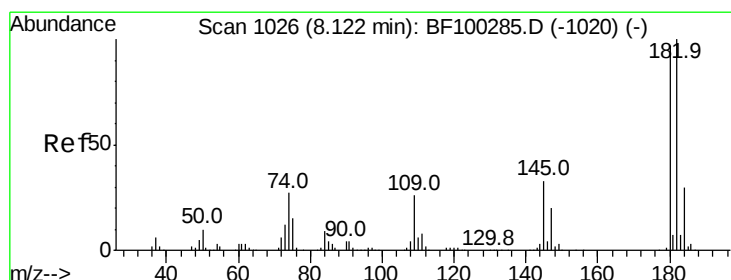
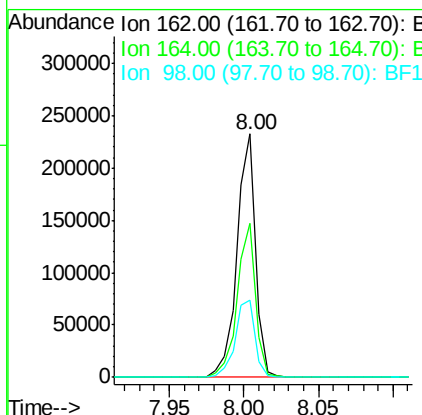
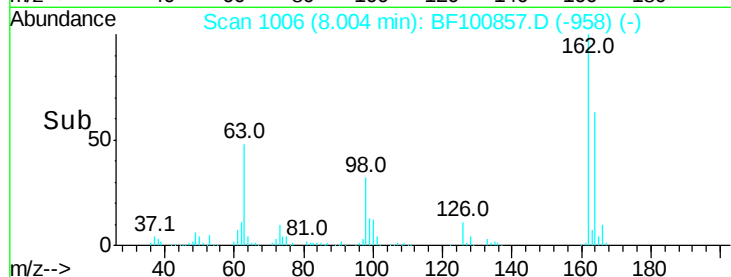
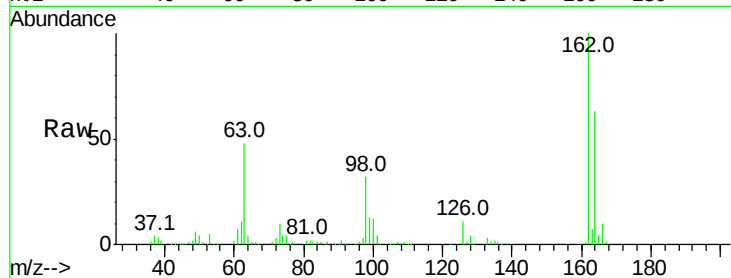
#29
 2,4-Dichlorophenol
 Concen: 51.196 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	203647		
164	63.0	42.7	82.7	
98	31.8	18.1	58.1	

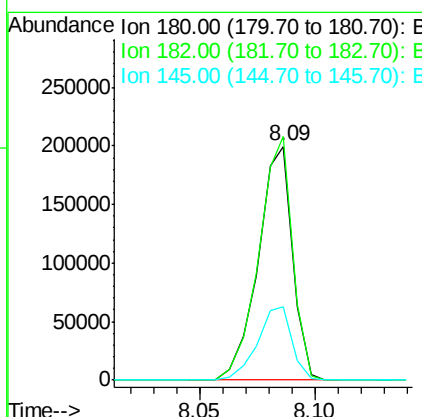
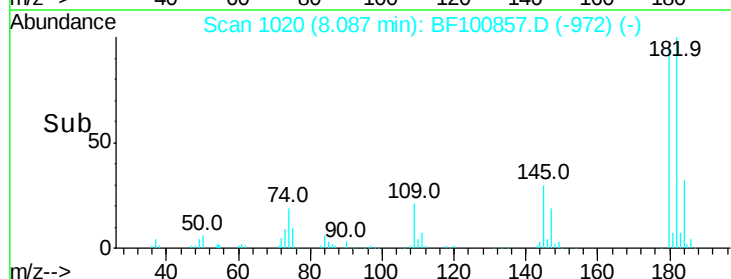
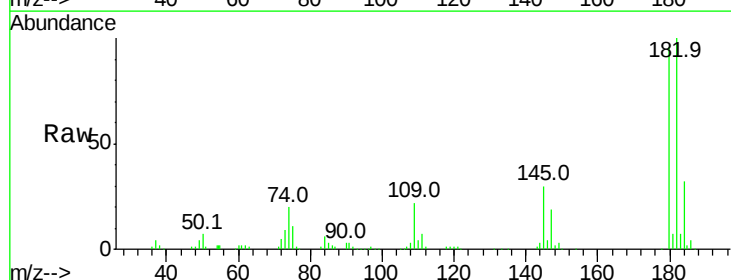
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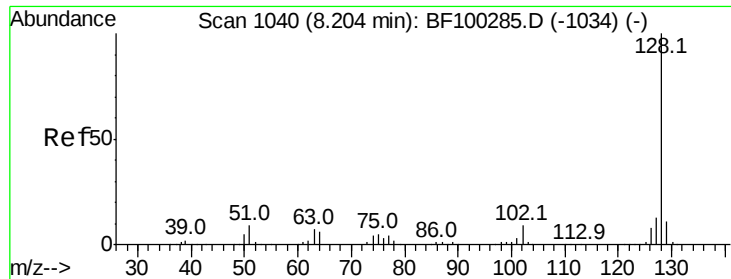
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.033 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	206673		
182	104.3	76.8	115.2	
145	31.5	26.5	39.7	





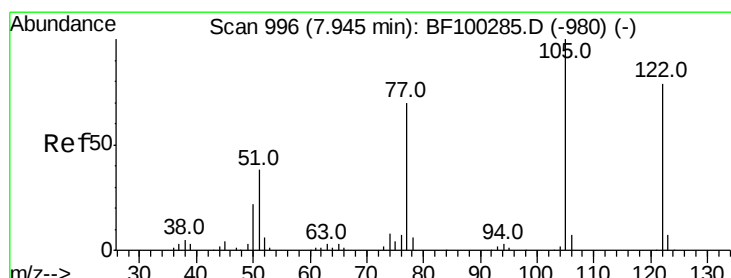
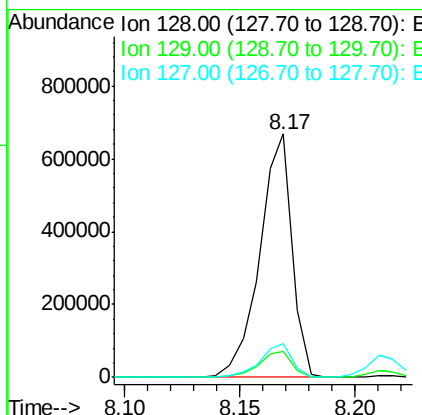
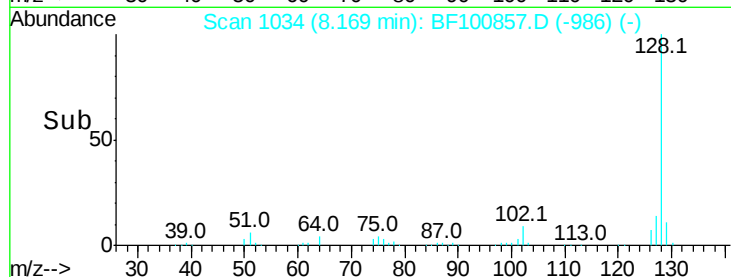
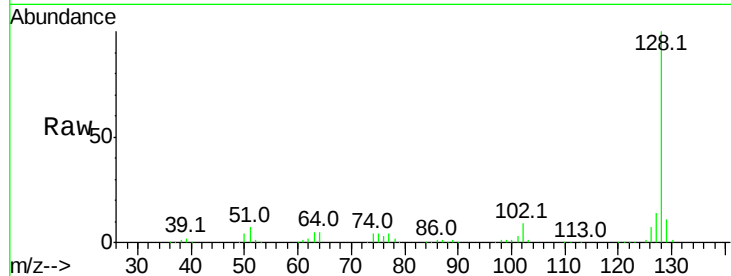
#31
Naphthalene
Concen: 46.112 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.9	10.9	16.3

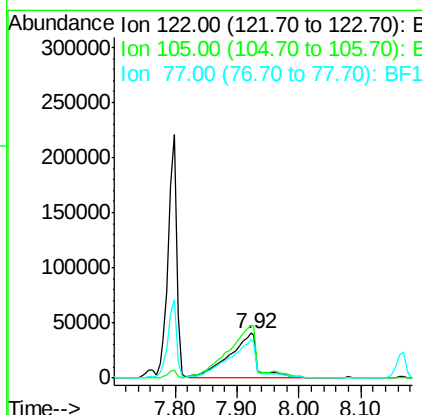
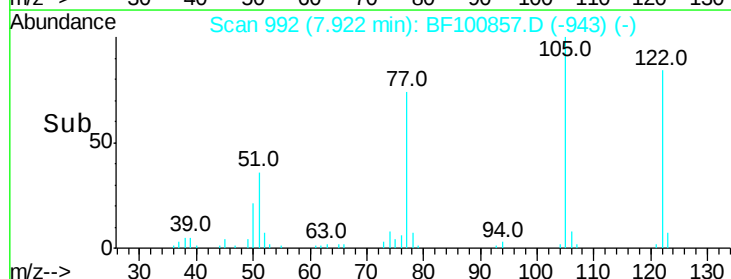
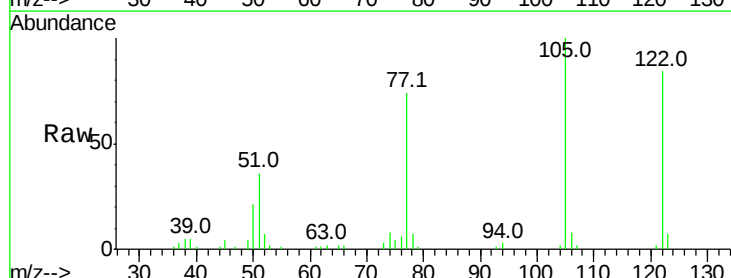
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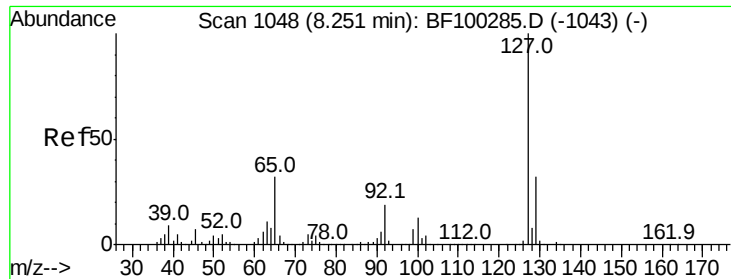
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#32
Benzoic acid
Concen: 43.429 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	118.9	101.1	141.1
77	88.4	70.7	110.7





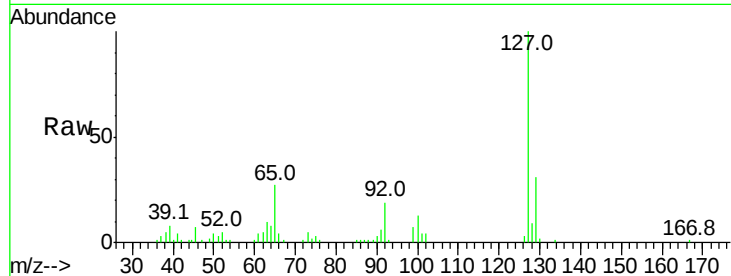
#33
4-Chloroaniline
Concen: 11.319 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

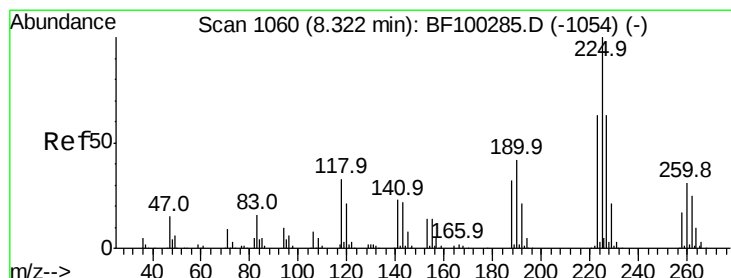
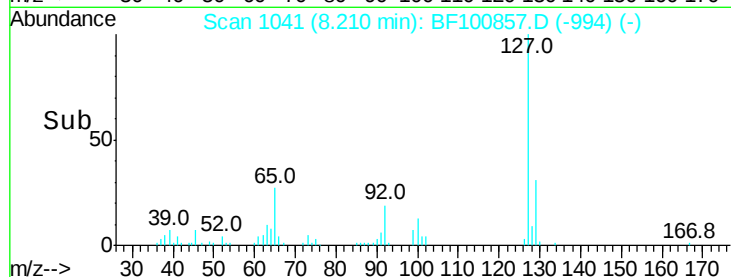
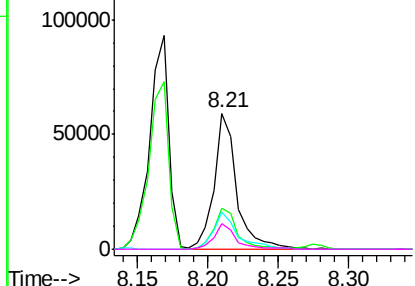
Tot Ion:	127	Resp:	66364
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.9	38.9
65	27.4	25.0	37.4
92	18.6	15.2	22.8

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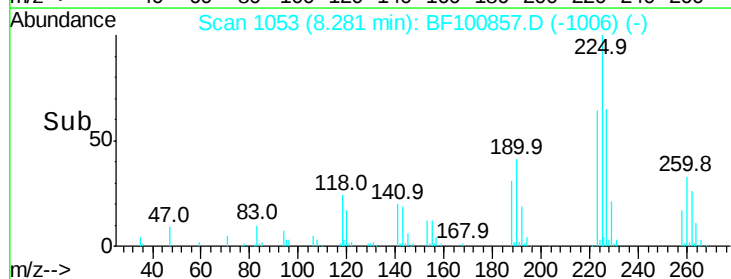
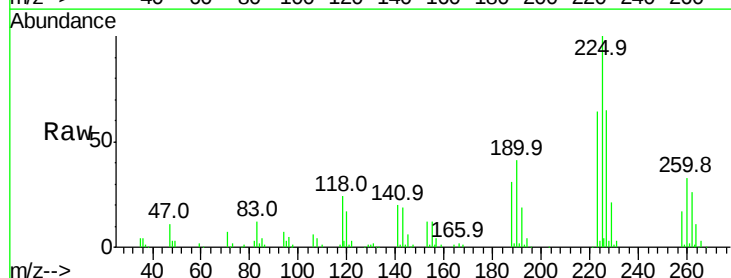
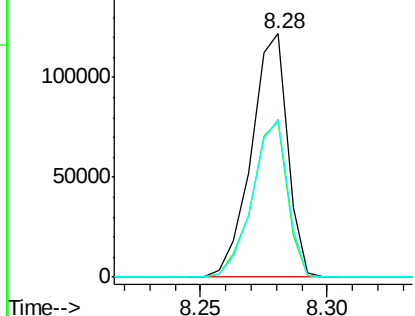
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

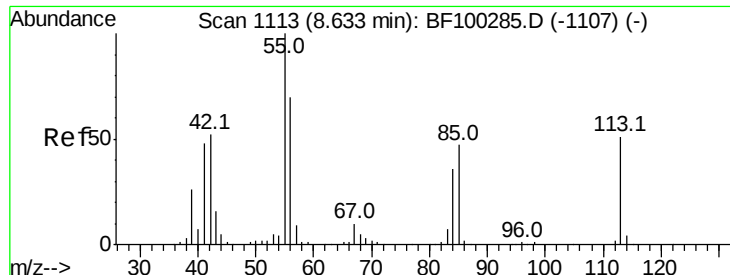


#34
Hexachlorobutadiene
Concen: 47.636 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion:	225	Resp:	121866
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.6	76.0
227	65.0	51.9	77.9

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





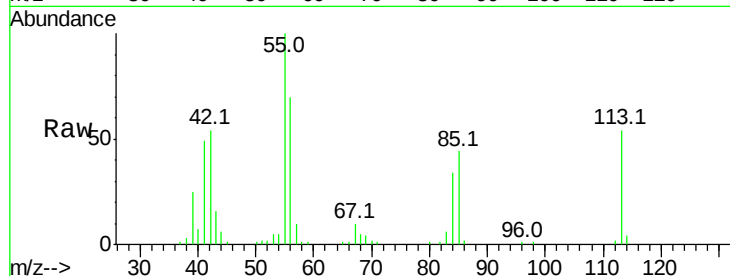
#35
 Caprolactam
 Concen: 44.800 ng m
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

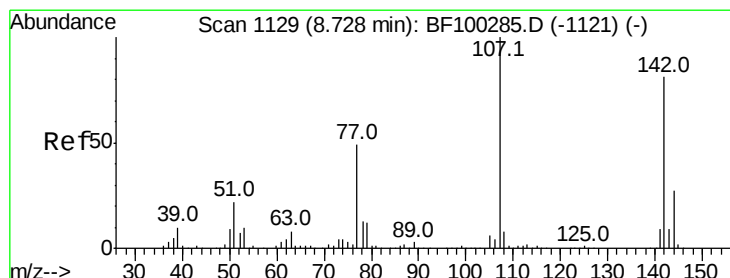
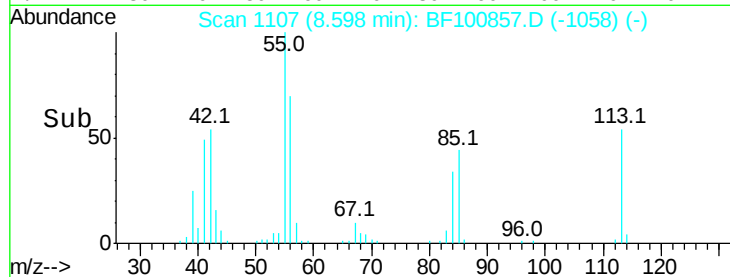
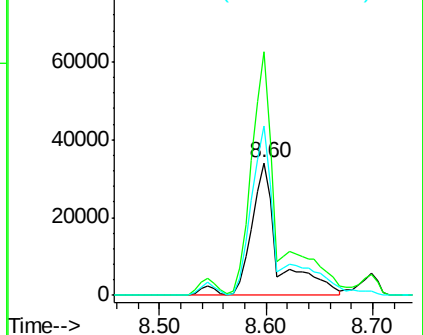
Tot Ion	Ratio	Lower	Upper
113	100		
55	183.9	163.3	203.3
56	127.8	115.7	155.7

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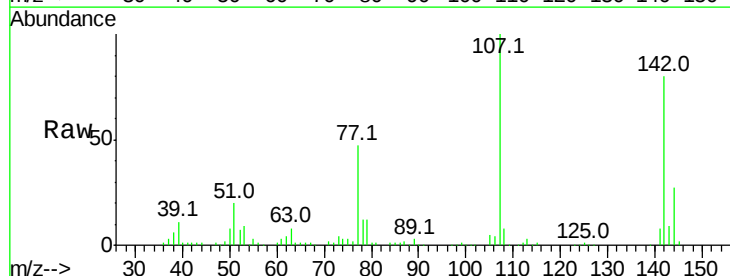


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

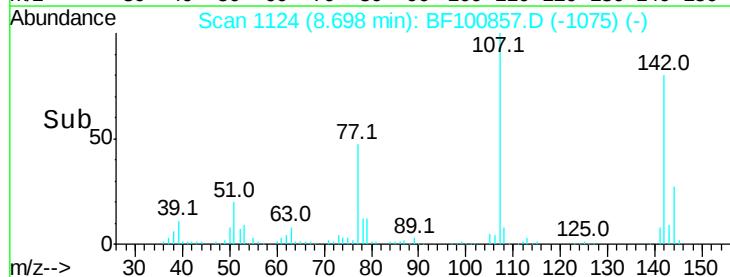
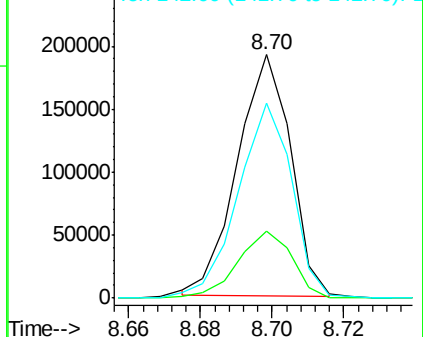


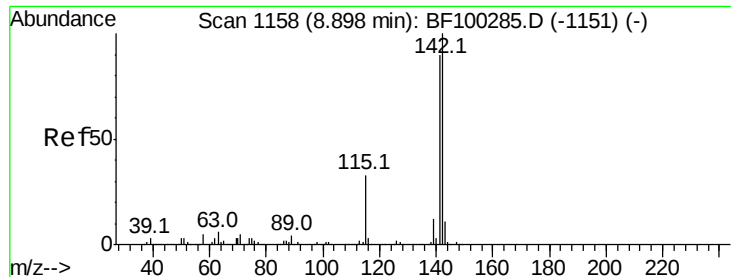
#36
 4-Chloro-3-methylphenol
 Concen: 46.122 ng m
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.5	30.7
142	79.9	62.0	93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





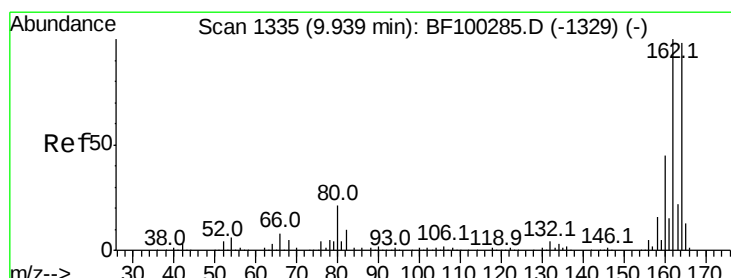
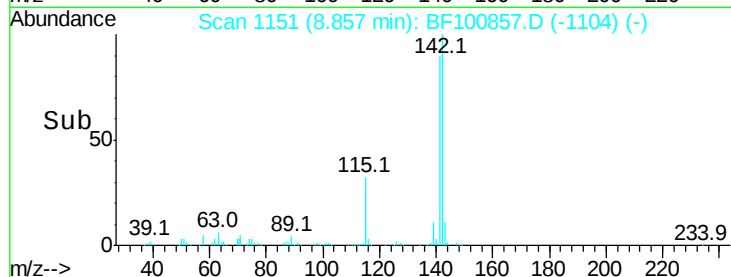
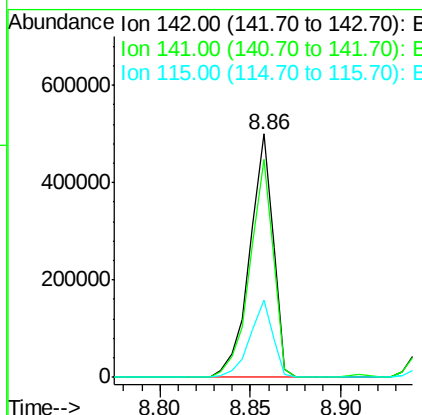
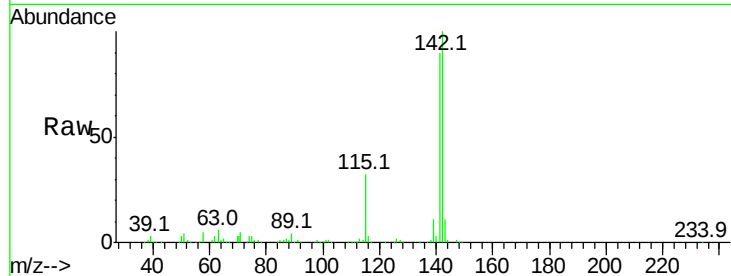
#37
2-Methylnaphthalene
Concen: 48.315 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	31.8	26.1	39.1

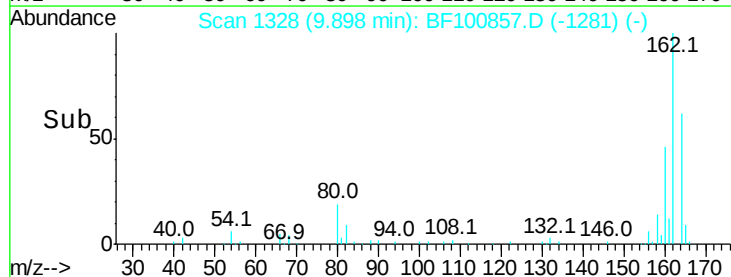
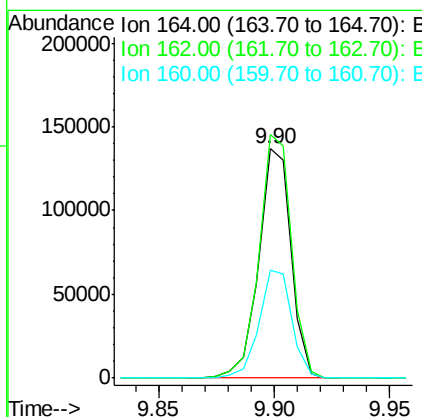
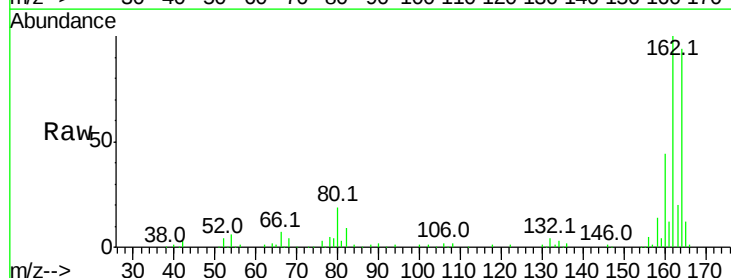
Manual Integrations
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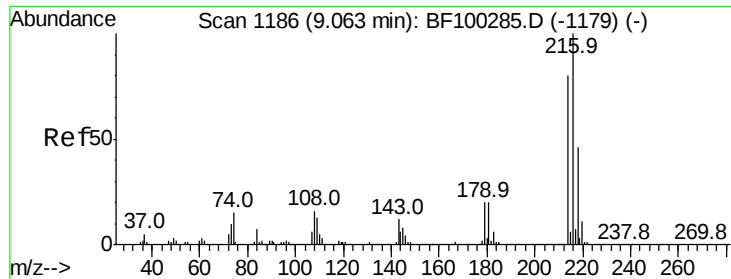
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.2	38.3	57.5





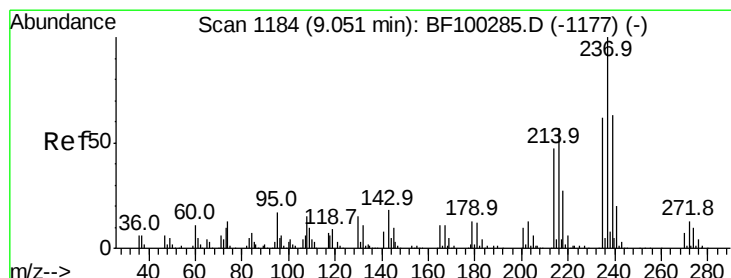
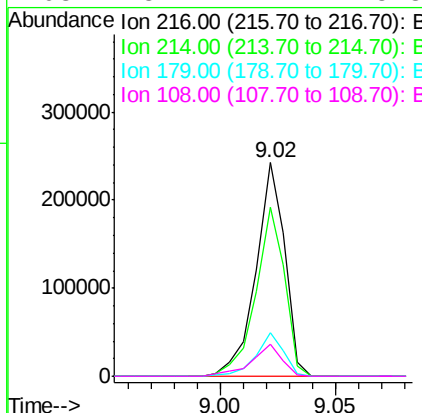
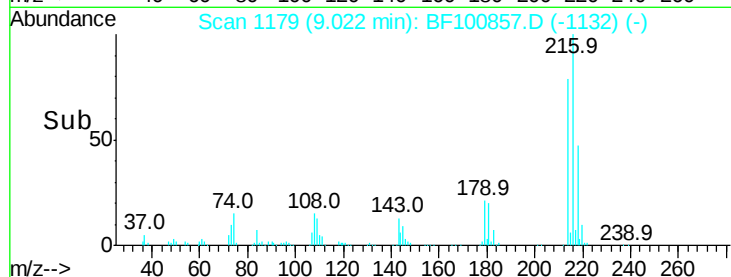
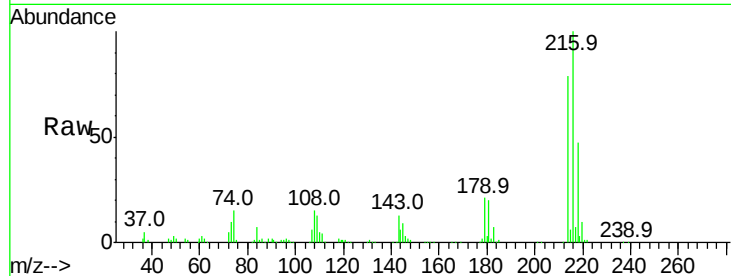
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.179 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.0	94.4
179	19.6	18.1	27.1
108	15.7	17.2	25.8#

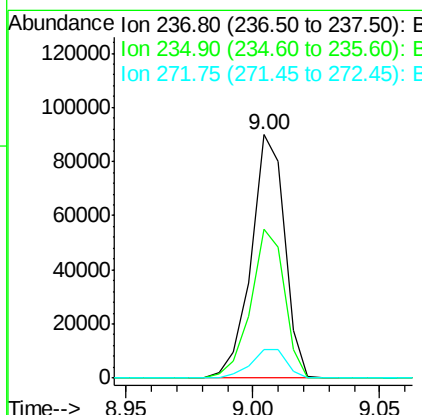
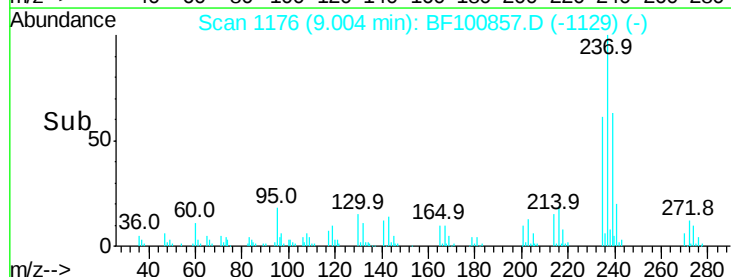
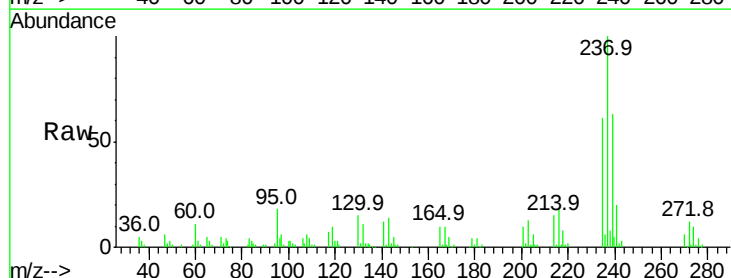
Manual Integrations
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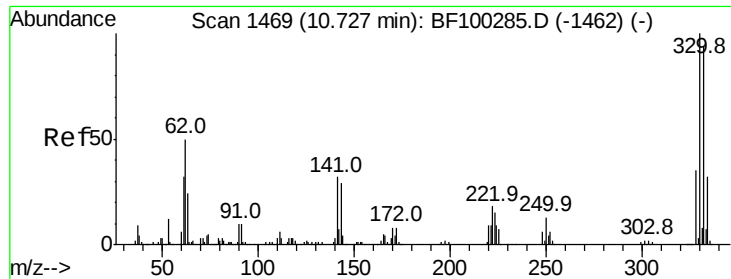
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 39.924 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.0	44.8	84.8
272	11.9	0.0	33.3





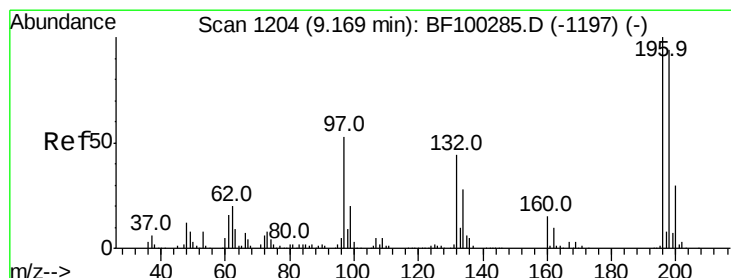
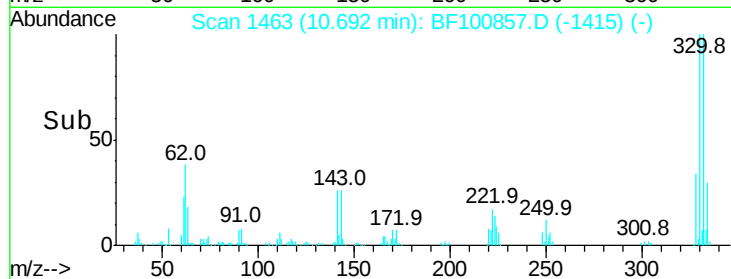
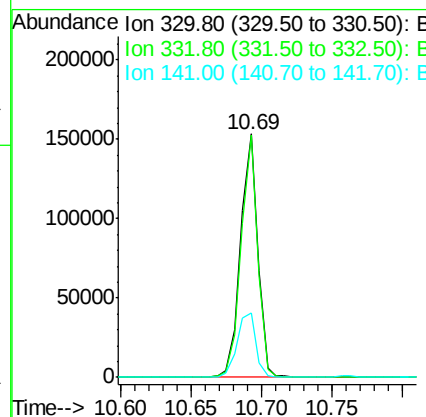
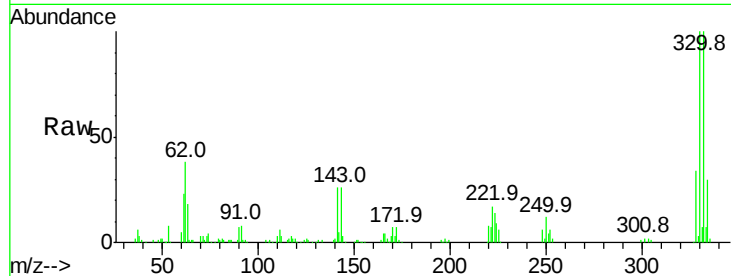
#41
 2,4,6-Tribromophenol
 Concen: 96.311 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	28.4	29.9	44.9	

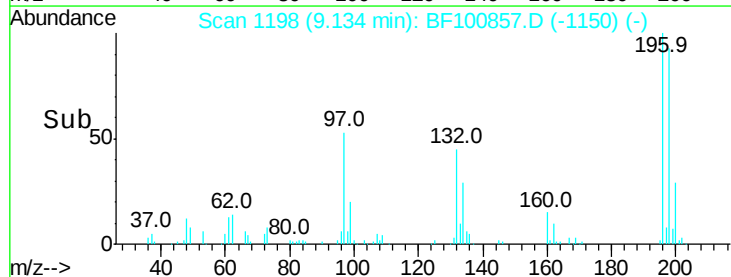
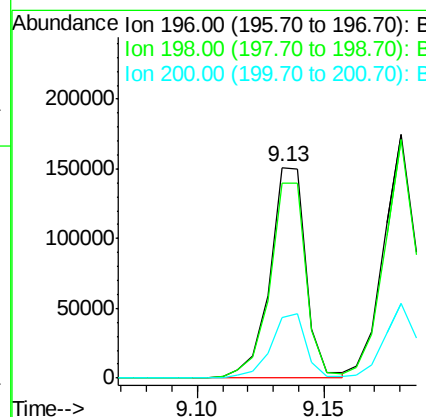
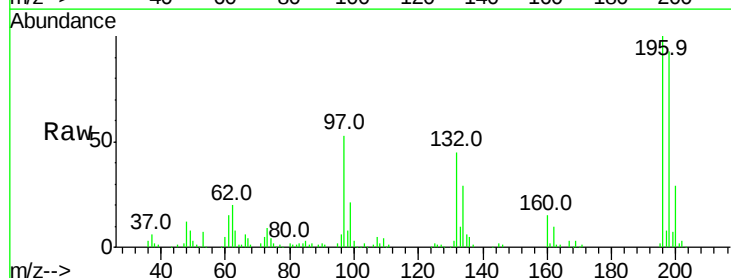
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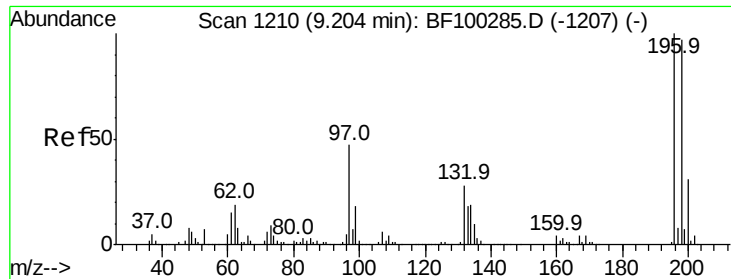
Sohil
 11/27/2017 3:21:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.741 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.7	75.7	113.5	
200	28.6	24.5	36.7	





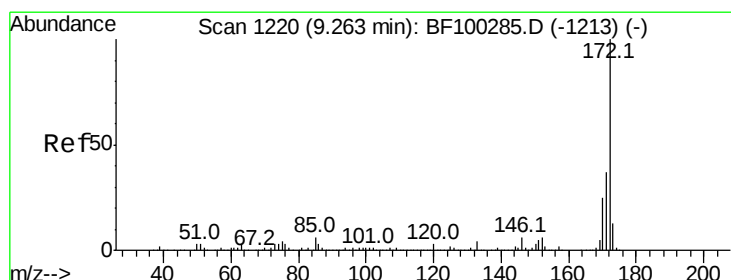
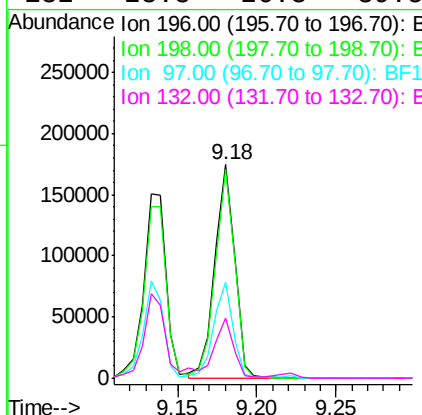
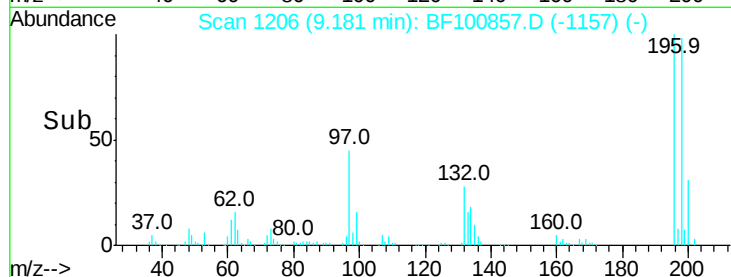
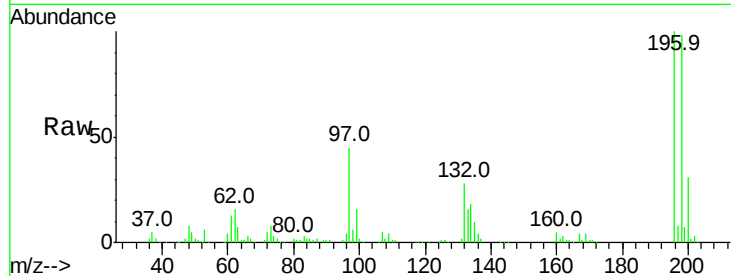
#43
 2,4,5-Trichlorophenol
 Concen: 52.758 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampled :
 PB104490BS

Tot Ion	196	Resp	153112
Ion Ratio	Lower	Upper	
196	100		
198	98.0	74.6	112.0
97	44.9	42.9	64.3
132	28.3	26.3	39.5

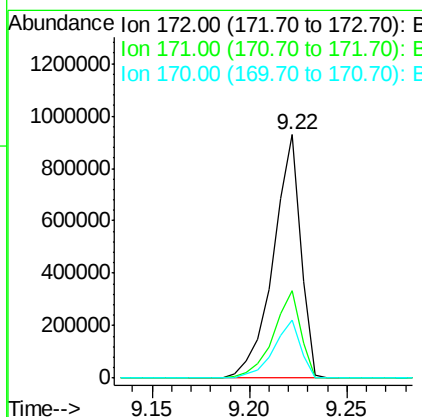
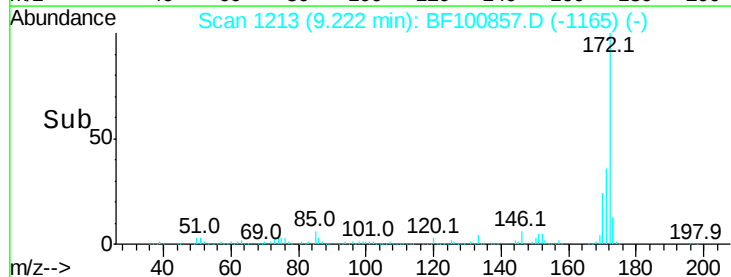
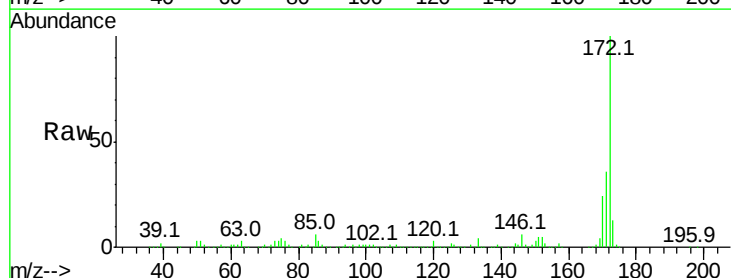
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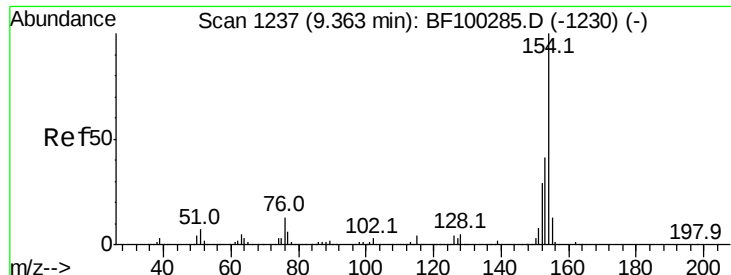
Sohil
 11/27/2017 3:21:06 PM



#44
 2-Fluorobiphenyl
 Concen: 103.428 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	172	Resp	905171
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 46.970 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

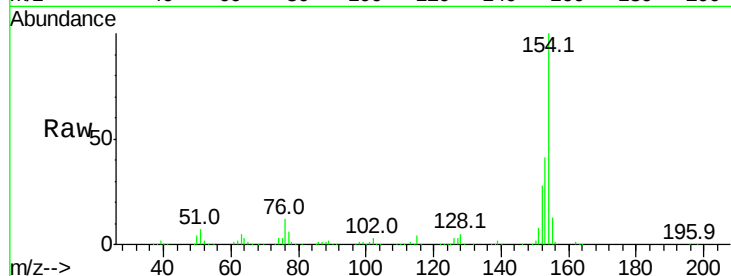
ClientSampleId :

PB104490BS

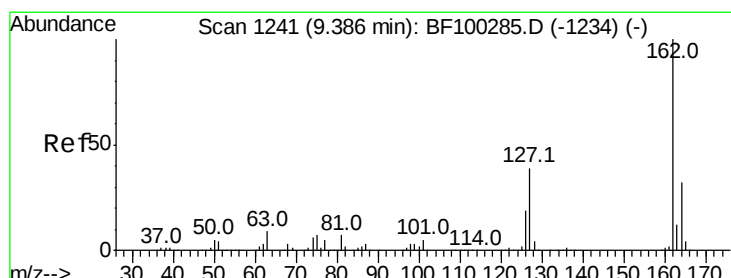
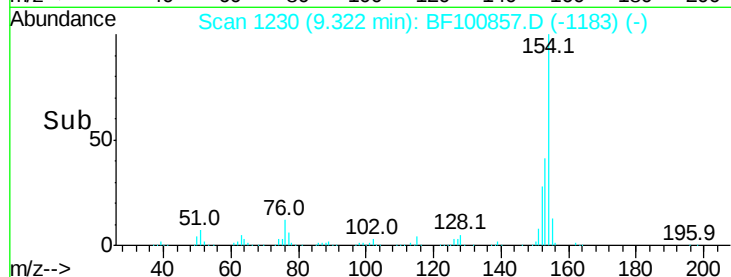
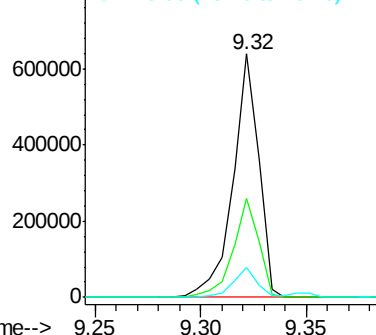
Tot Ion:	154	Resp:	541370
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	12.1	0.0	34.0

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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: 49.712 ng

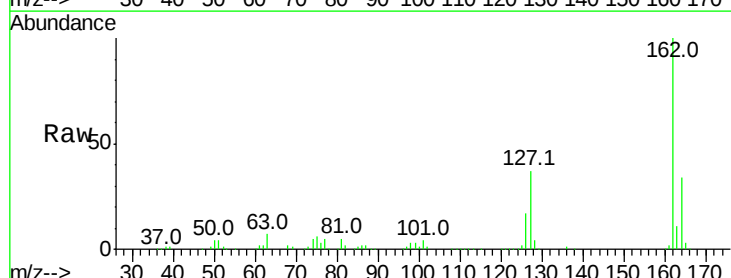
RT: 9.35 min Scan# 1235

Delta R.T. -0.02 min

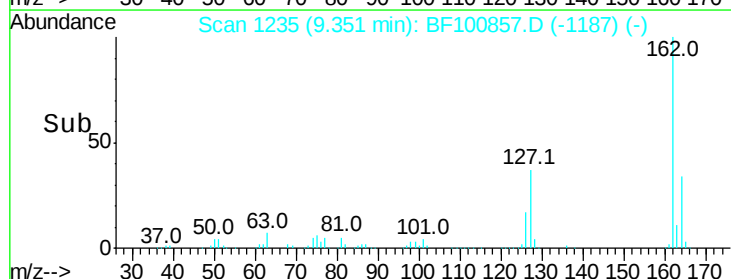
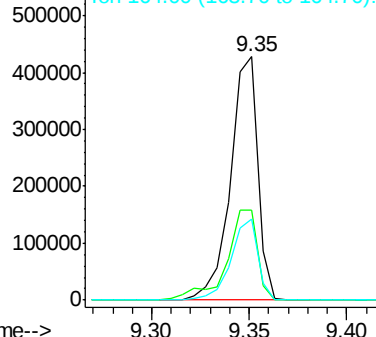
Lab File: BF100857.D

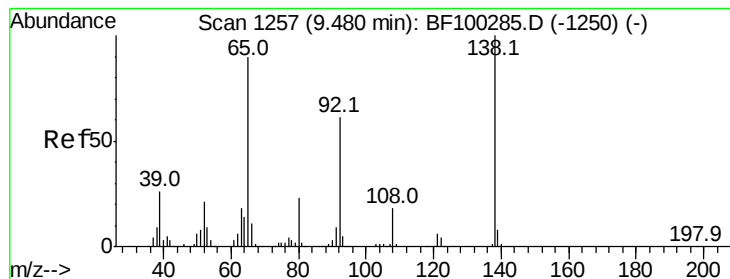
Acq: 23 Nov 2017 7:08

Tgt Ion:	162	Resp:	415672
Ion Ratio	Lower	Upper	
162	100		
127	37.1	33.9	50.9
164	33.5	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: 49.468 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

ClientSampleId :

PB104490BS

Tot Ion: 65 Resp: 122445

Ion Ratio Lower Upper

65 100

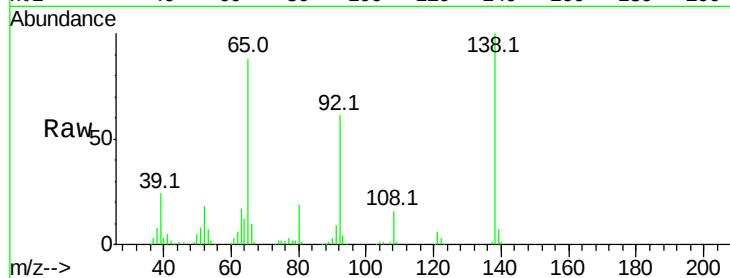
92 69.0 55.8 83.6

138 113.6 91.2 136.8

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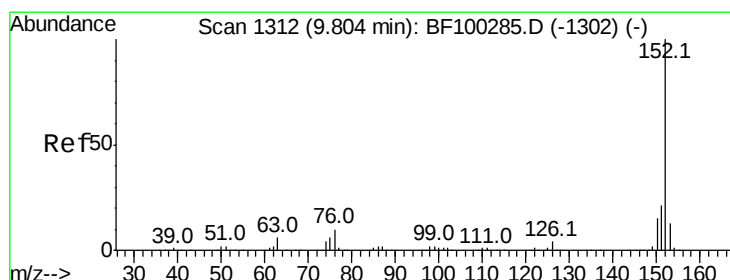
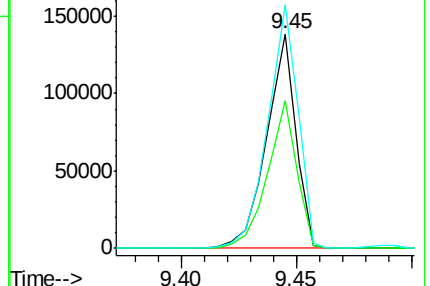
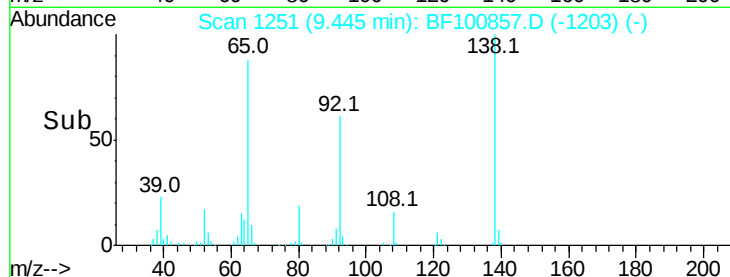
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 46.440 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

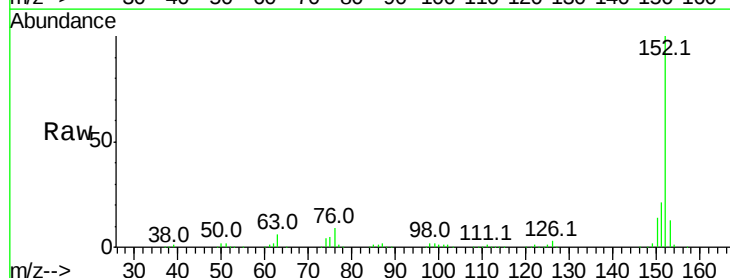
Tgt Ion: 152 Resp: 643524

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

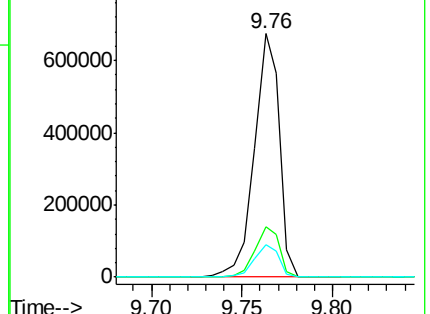
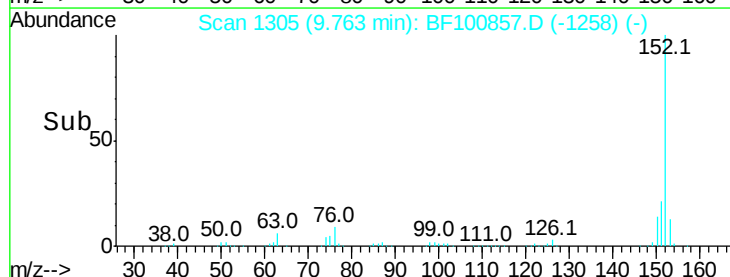
153 13.3 10.7 16.1

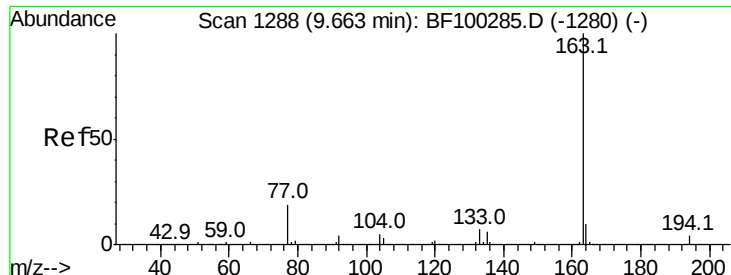


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





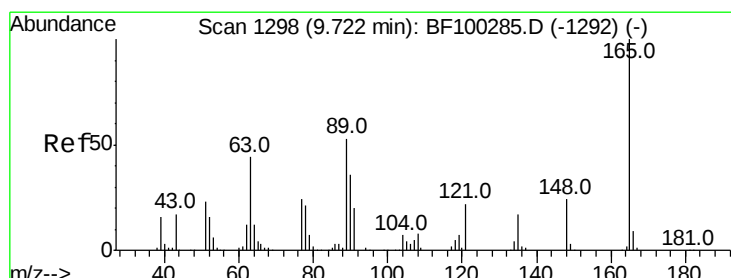
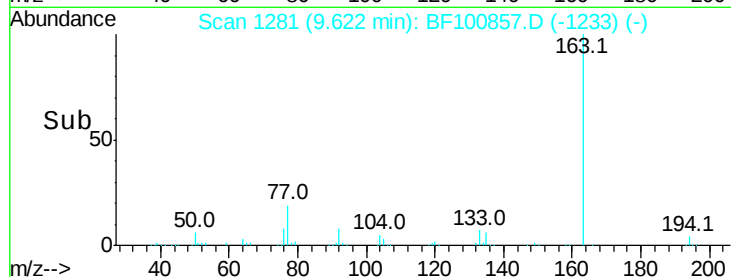
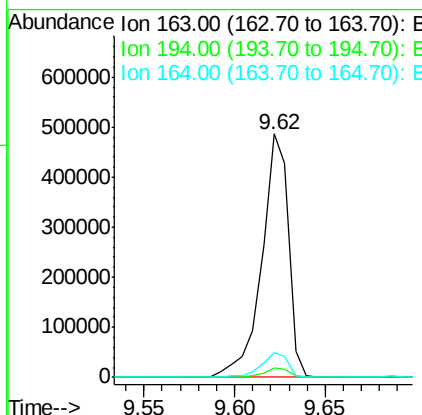
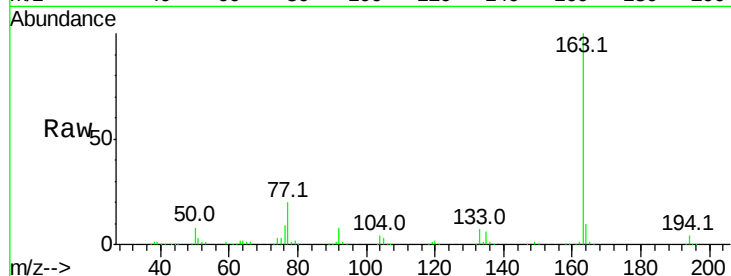
#49
Dimethylphthalate
Concen: 48.846 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	497002		
194	3.9	2.7	4.1	
164	10.1	8.2	12.2	

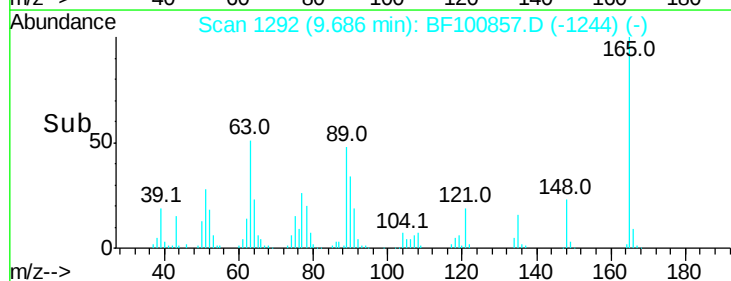
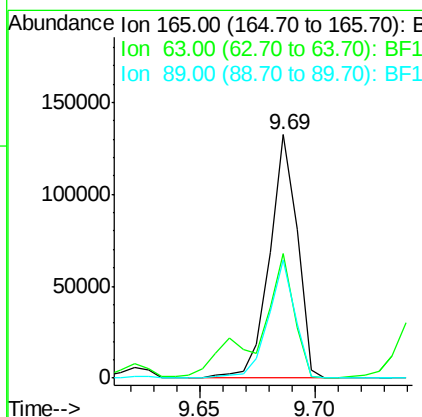
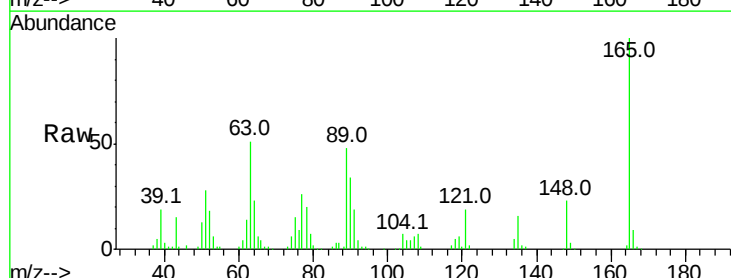
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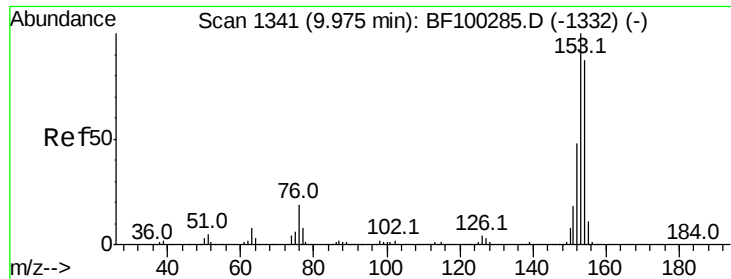
Sohil
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#50
2,6-Dinitrotoluene
Concen: 54.636 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110040		
63	51.2	44.7	67.1	
89	48.4	44.0	66.0	





#51

Acenaphthene

Concen: 45.023 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

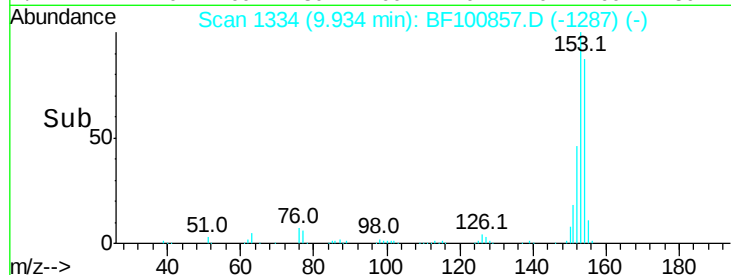
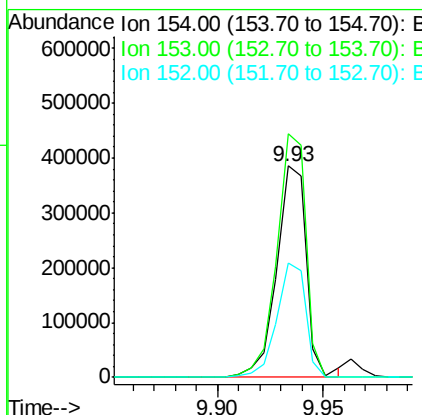
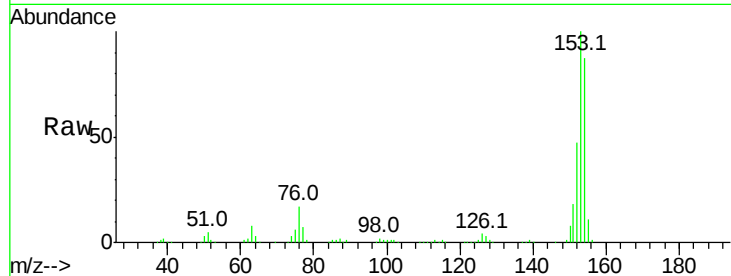
ClientSampleID :

PB104490BS

Tot Ion:	154	Resp:	379440
Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	54.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 26.366 ng

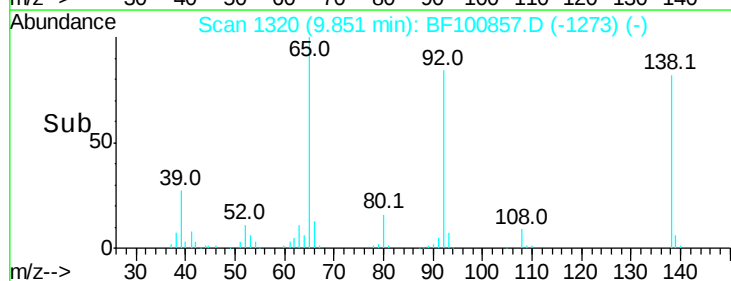
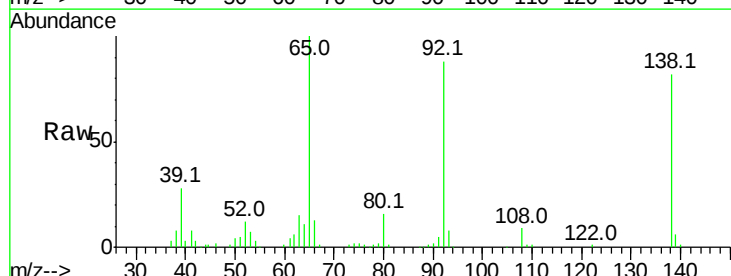
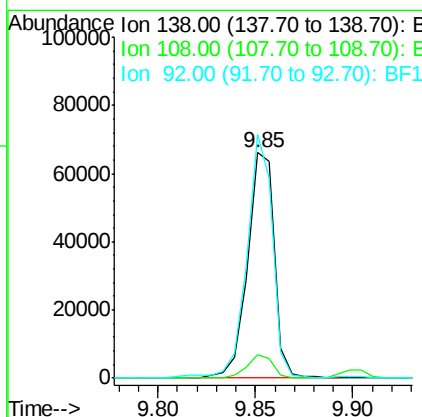
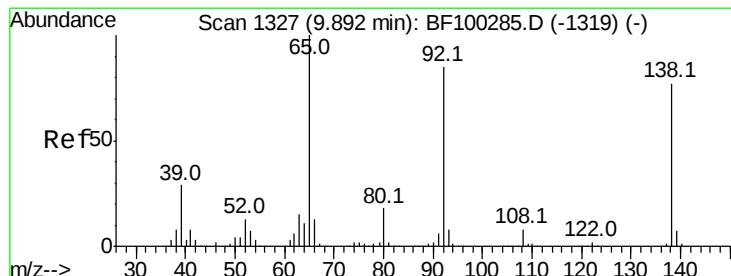
RT: 9.85 min Scan# 1320

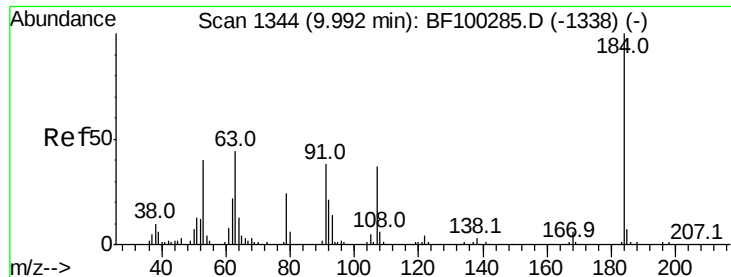
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	138	Resp:	62705
Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	108.0	89.4	134.2





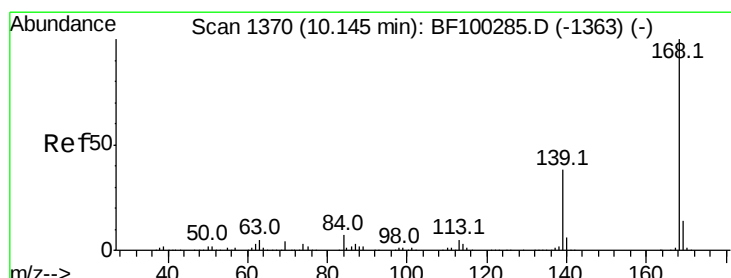
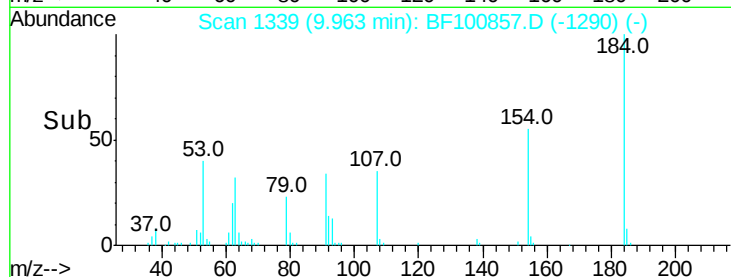
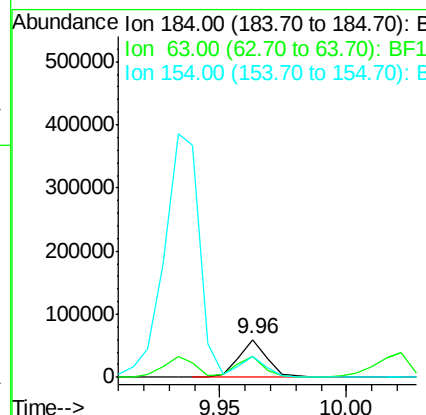
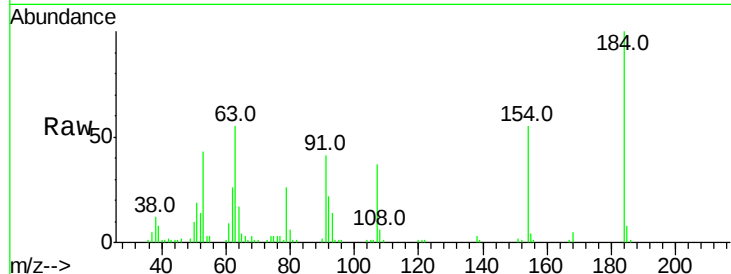
#53
2,4-Dinitrophenol
Concen: 61.426 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampled :
PB104490BS

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

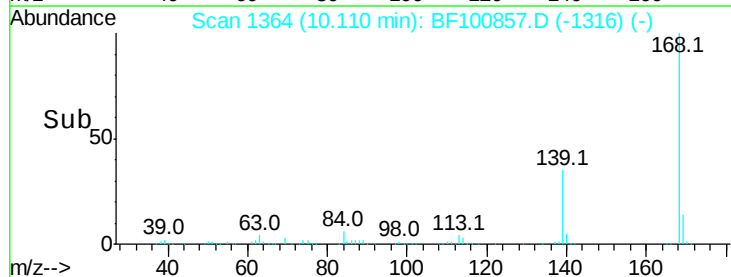
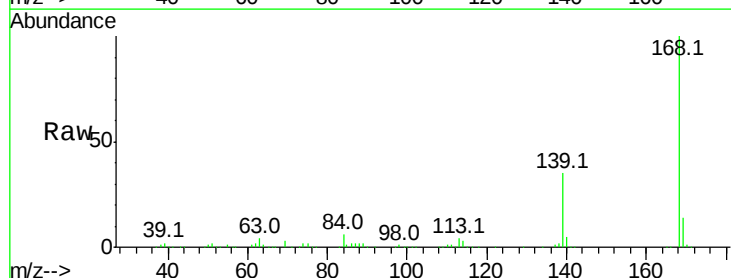
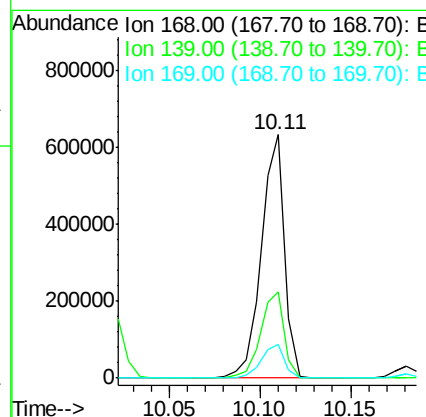
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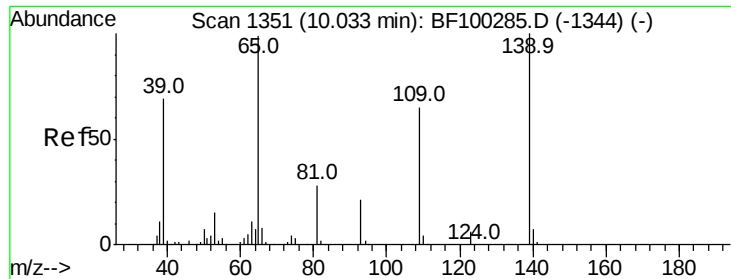
Sohil
11/27/2017 3:21:06 PM



#54
Dibenzofuran
Concen: 47.395 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	14.0	10.9	16.3





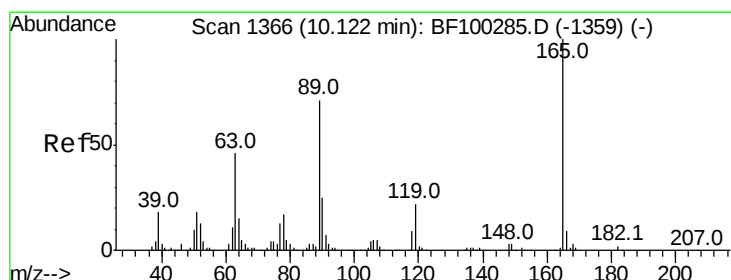
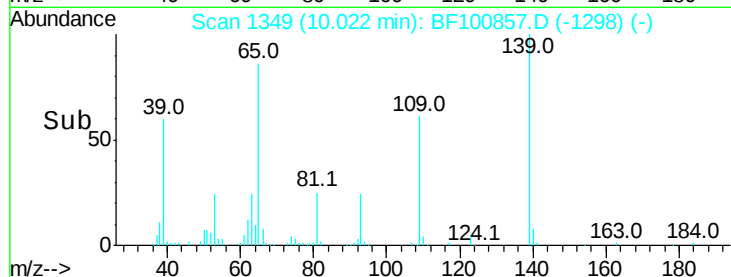
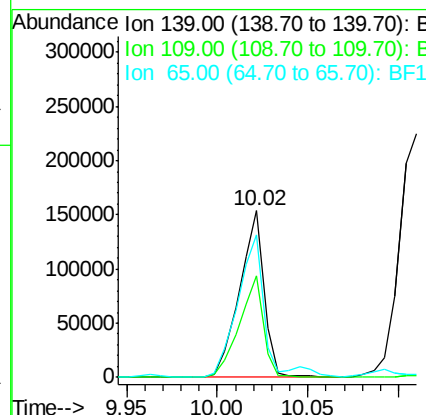
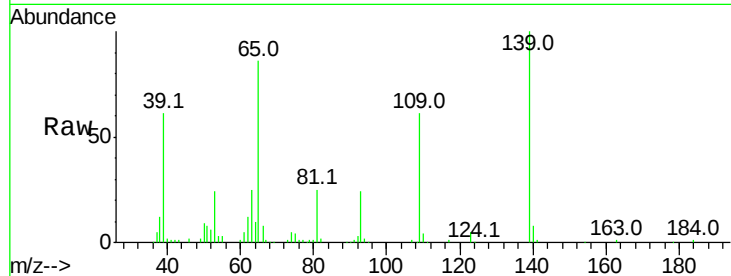
#55
4-Nitrophenol
Concen: 75.585 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	145964		
109	61.1	48.4	88.4	
65	85.6	72.6	112.6	

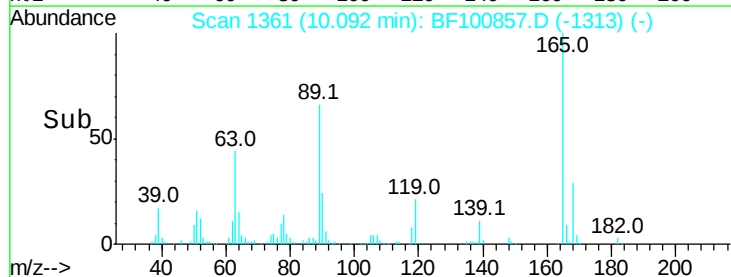
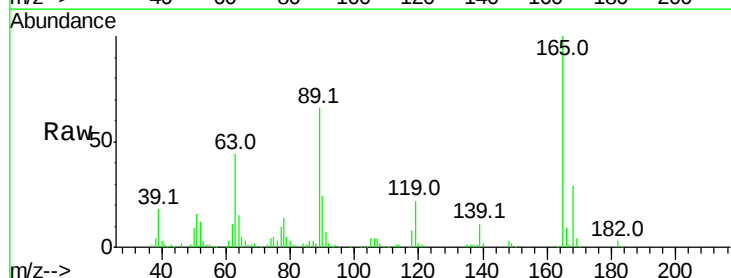
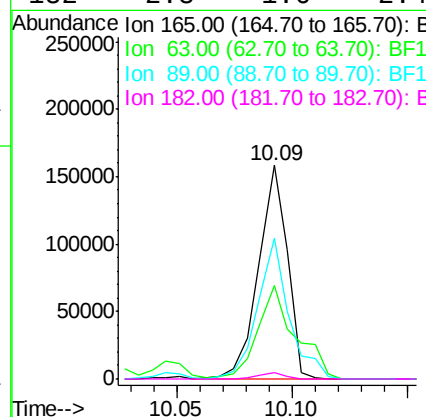
Manual Integrations
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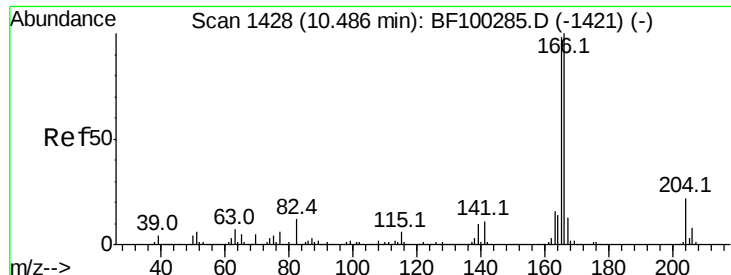
Sohil
11/27/2017 3:21:06 PM



#56
2,4-Dinitrotoluene
Concen: 54.452 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138351		
63	43.8	36.4	54.6	
89	65.8	57.8	86.6	
182	2.8	1.6	2.4	#





#57

Fluorene

Concen: 50.216 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

ClientSampleId :

PB104490BS

Tot Ion:166 Resp: 434516

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

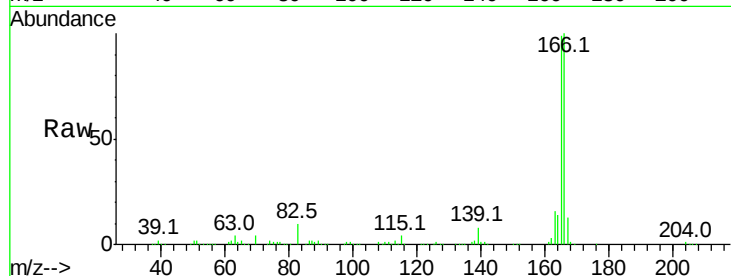
167 13.5 10.6 16.0

Manual Integrations

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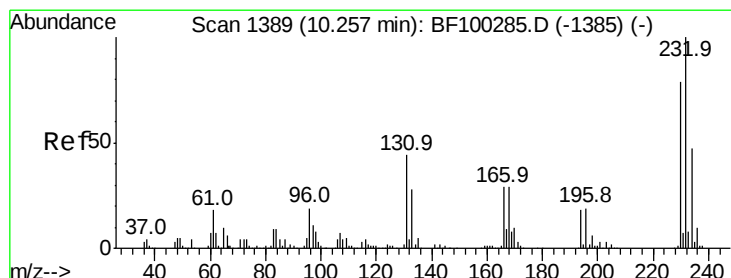
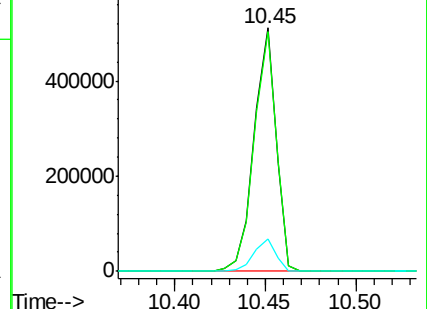
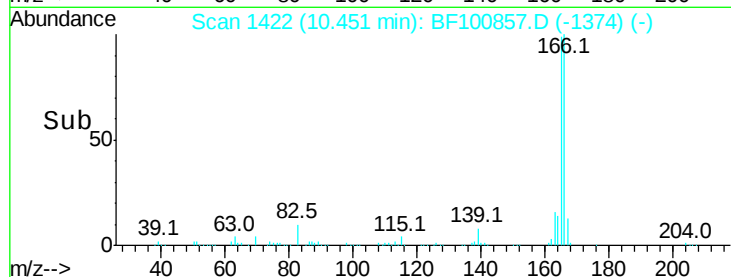
11/27/2017 3:21:06 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.064 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:232 Resp: 116700

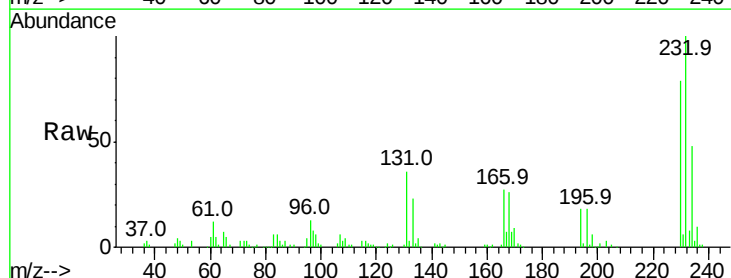
Ion Ratio Lower Upper

232 100

131 41.9 43.8 65.8#

130 1.8 2.1 3.1#

166 29.3 27.8 41.6

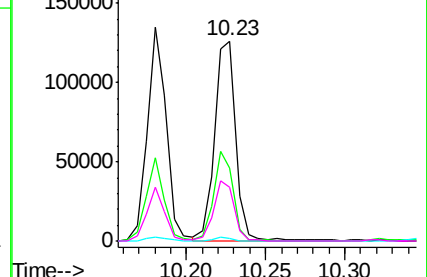
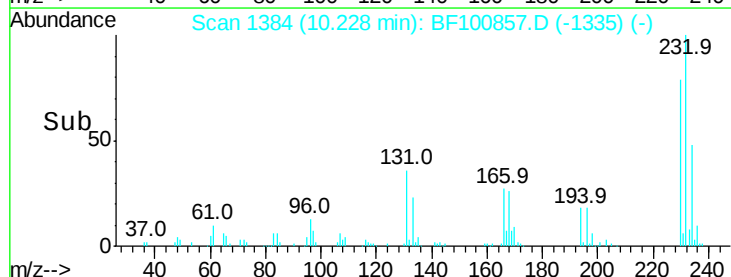


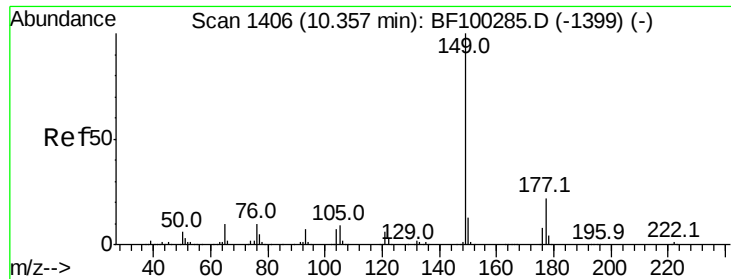
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





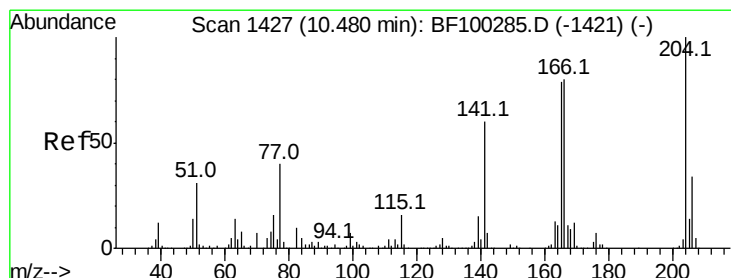
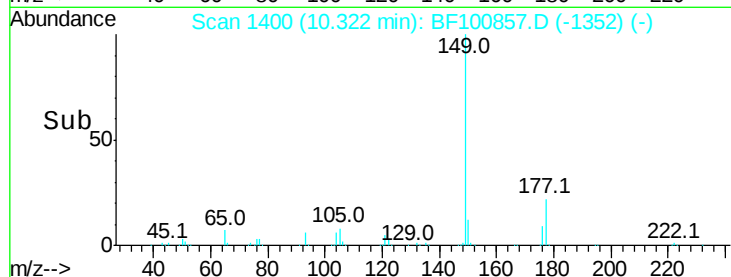
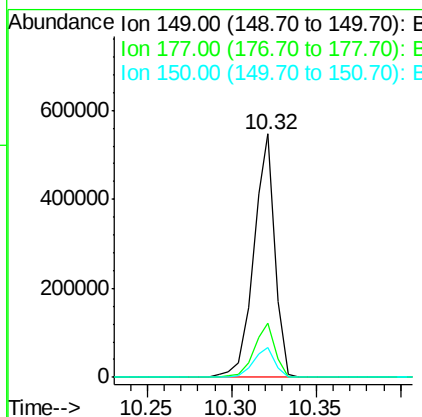
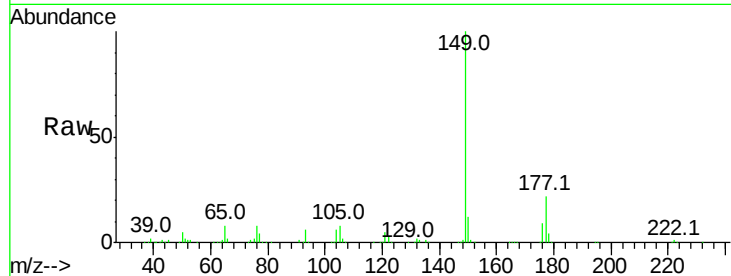
#59
Diethylphthalate
Concen: 46.806 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	476587		
177	22.3	16.1	24.1	
150	12.3	10.1	15.1	

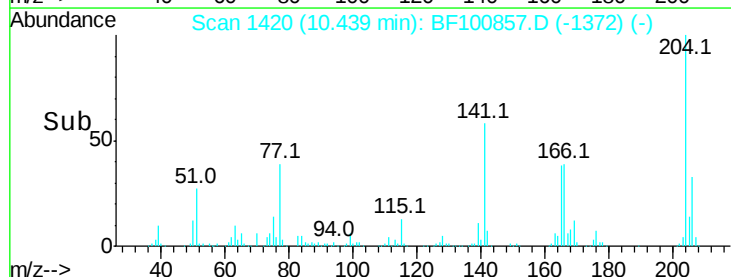
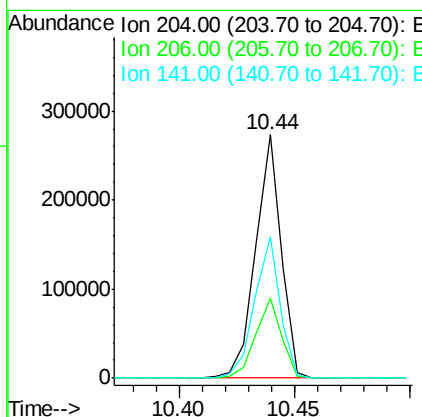
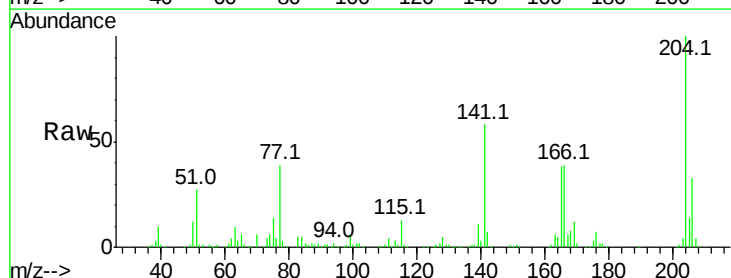
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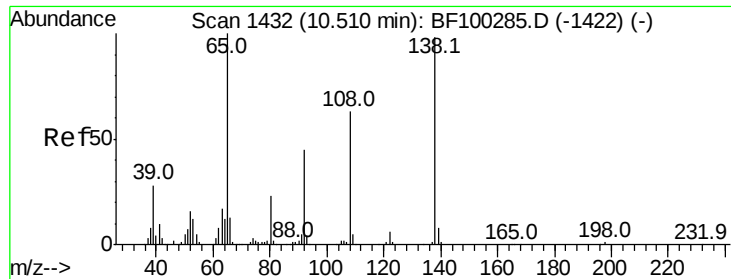
Sohil
11/27/2017 3:21:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.003 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	212256		
206	32.7	26.5	39.7	
141	57.9	54.6	81.8	





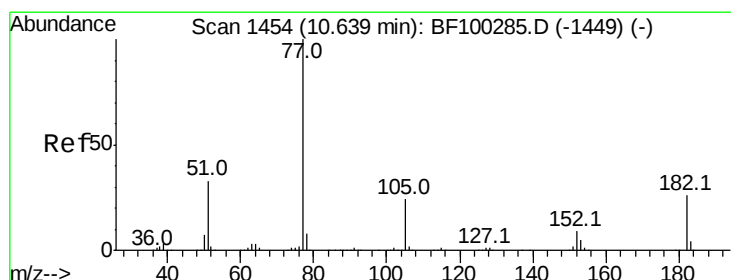
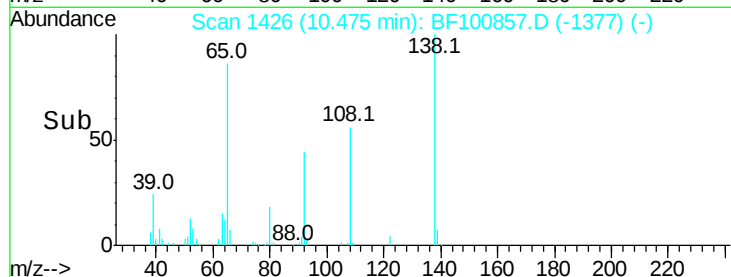
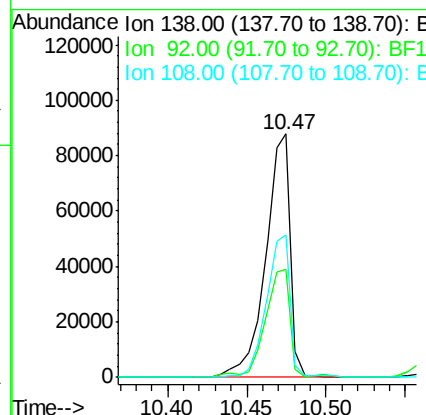
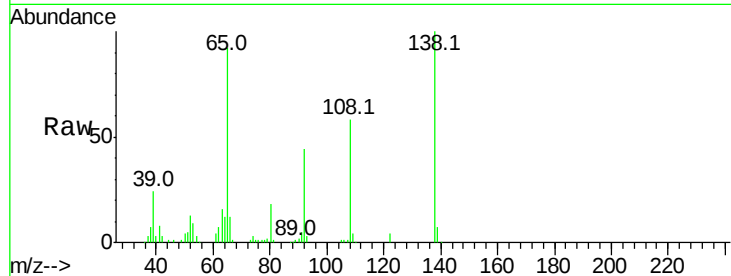
#61
4-Nitroaniline
Concen: 42.169 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.4	30.2	70.2
108	58.4	52.5	92.5

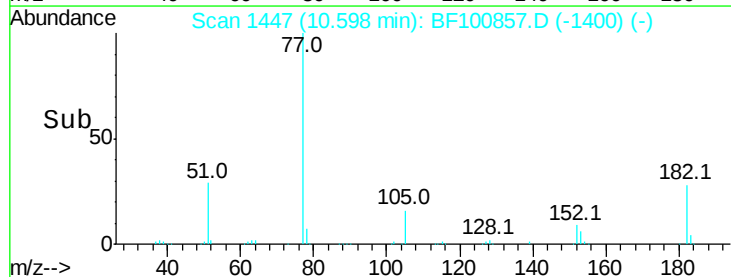
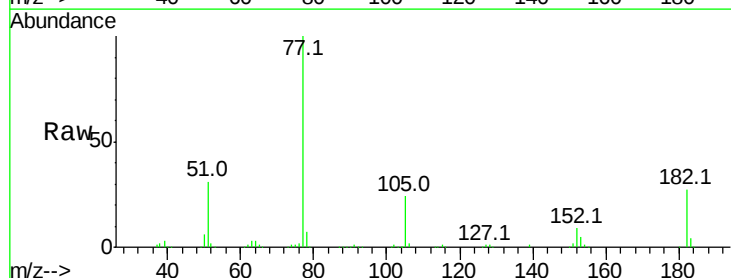
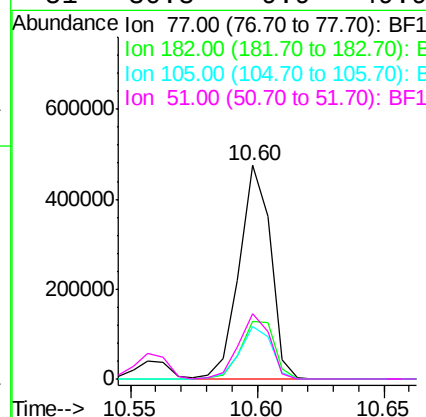
Manual Integrations
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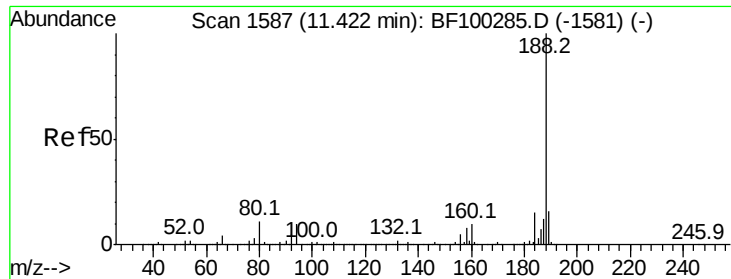
Sohil
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#62
Azobenzene
Concen: 42.674 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	24.4	3.0	43.0
51	30.8	9.9	49.9





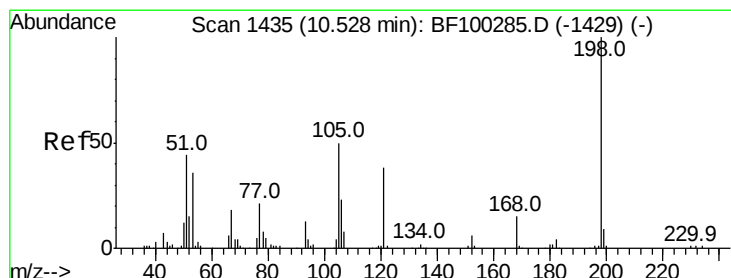
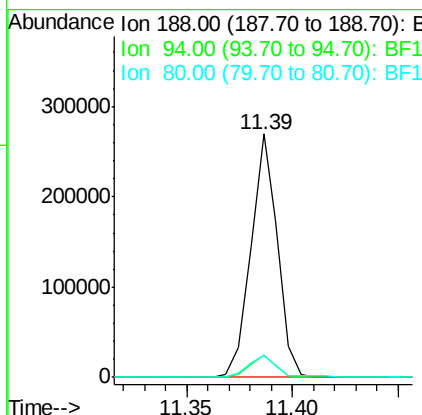
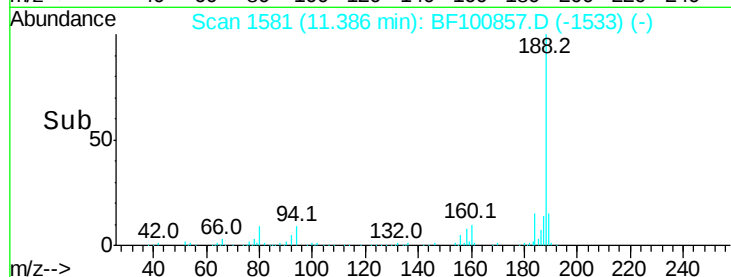
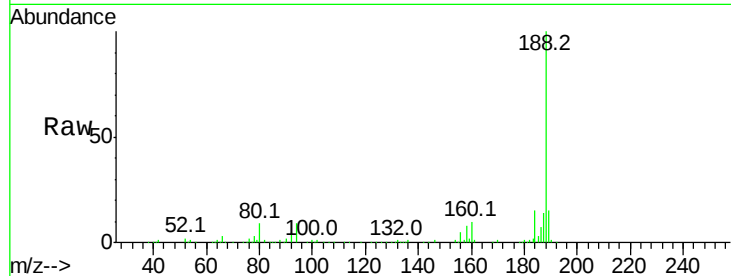
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.2	9.2	13.8#

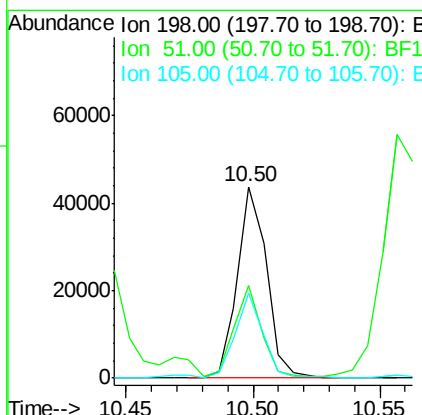
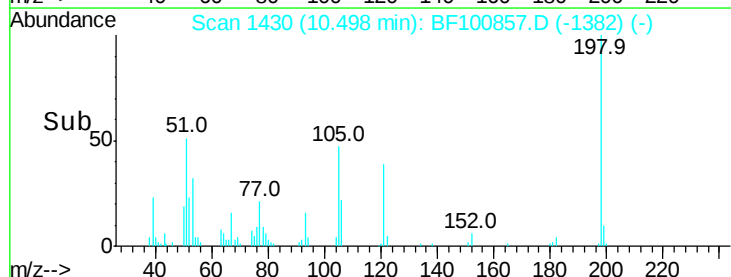
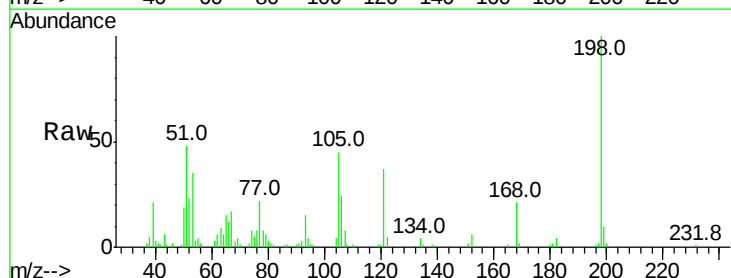
Manual Integrations
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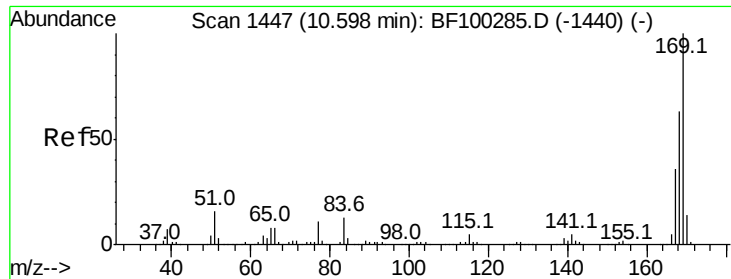
Sohil
 11/27/2017 3:21:06 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.985 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.1	37.7	77.7
105	44.7	36.3	76.3





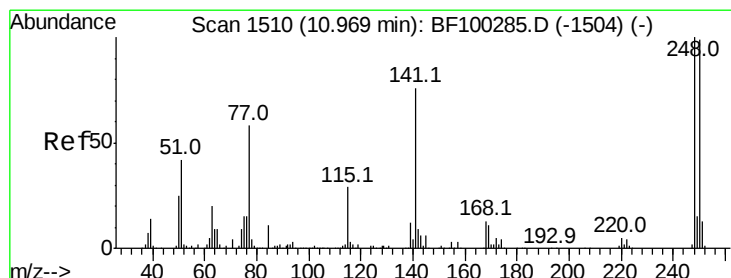
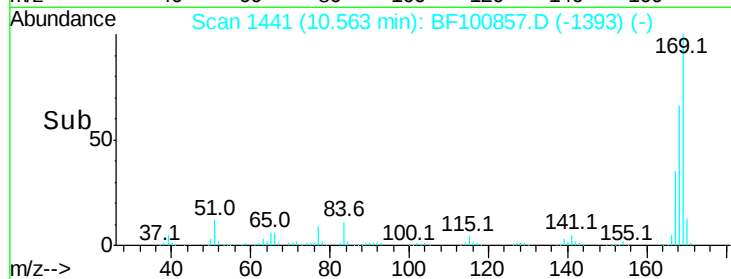
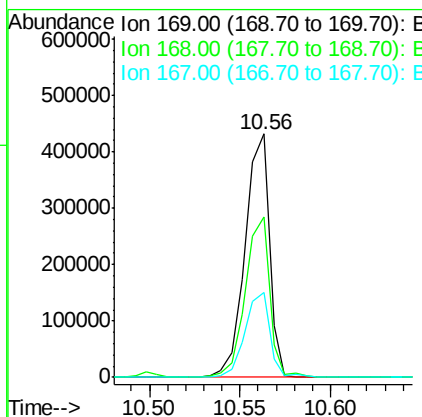
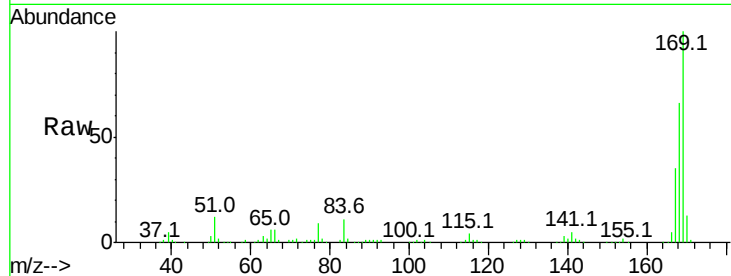
#65
n-Nitrosodiphenylamine
Concen: 49.713 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.9	54.4	81.6	
167	35.1	29.8	44.6	

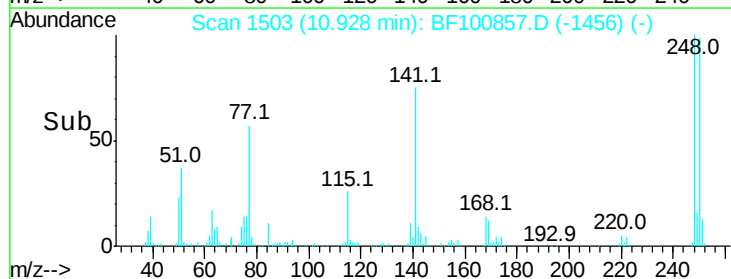
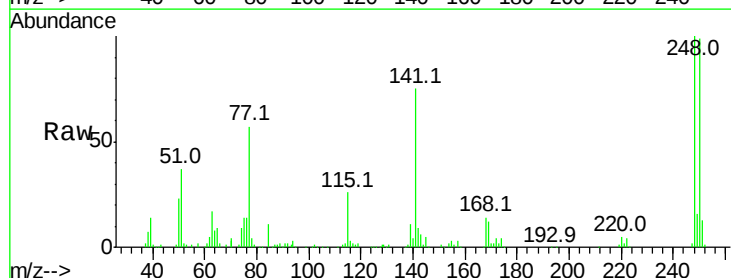
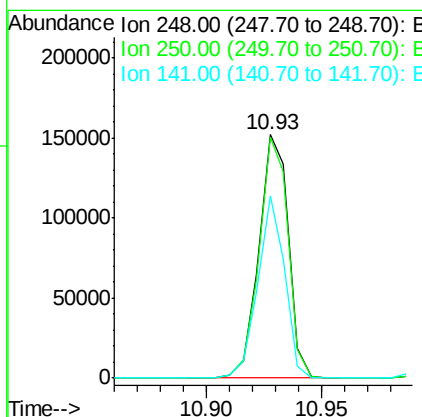
Manual Integrations
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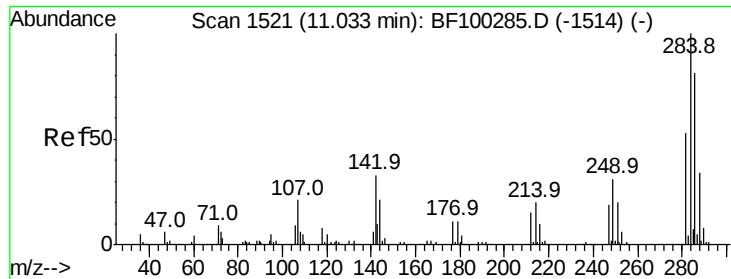
Sohil
11/27/2017 3:21:06 PM



#66
4-Bromophenyl-phenylether
Concen: 53.720 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.2	76.9	115.3	
141	74.8	74.4	111.6	





#67

Hexachlorobenzene

Concen: 52.862 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

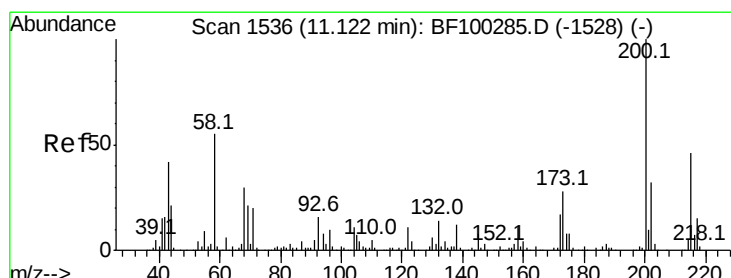
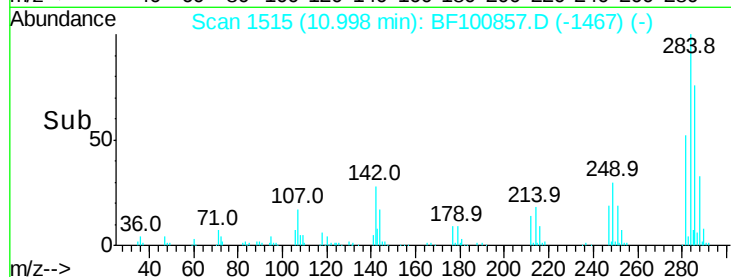
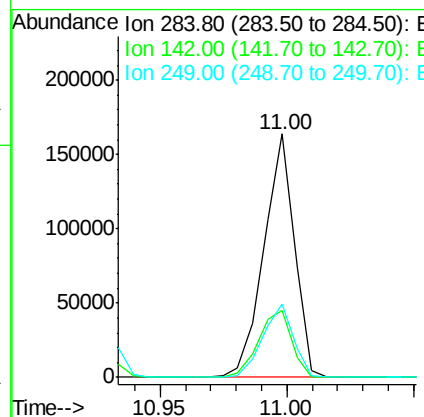
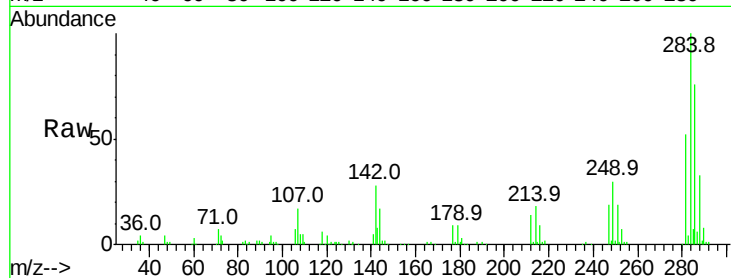
ClientSampleId :

PB104490BS

Tot Ion:	284	Resp:	138647
Ion Ratio	Lower	Upper	
284	100		
142	27.6	34.6	52.0#
249	30.0	24.8	37.2

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#68

Atrazine

Concen: 50.686 ng

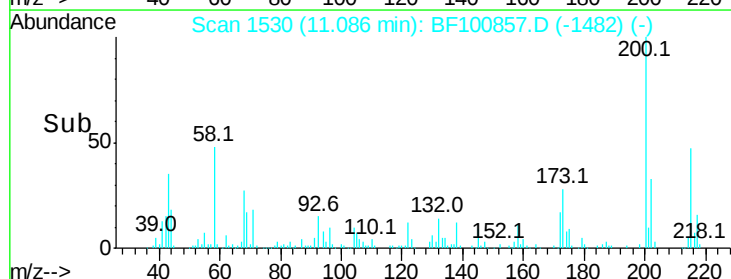
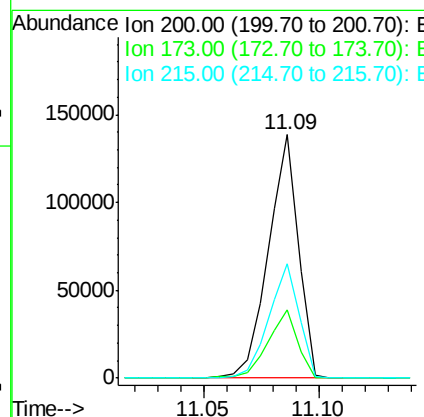
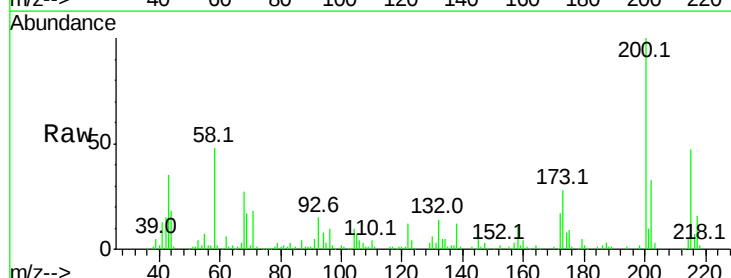
RT: 11.09 min Scan# 1530

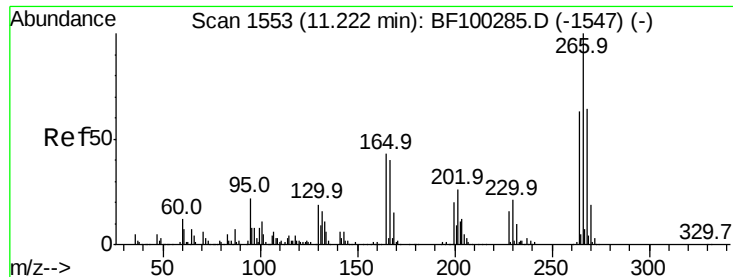
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	200	Resp:	124802
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.6	48.6
215	46.8	25.1	65.1





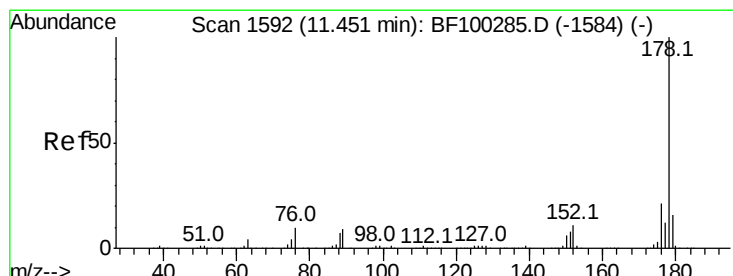
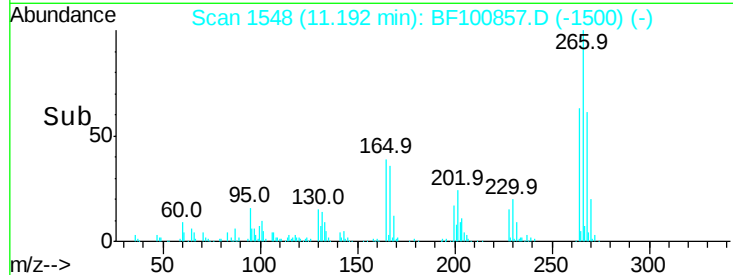
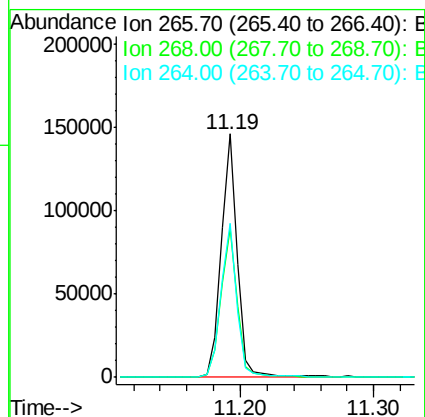
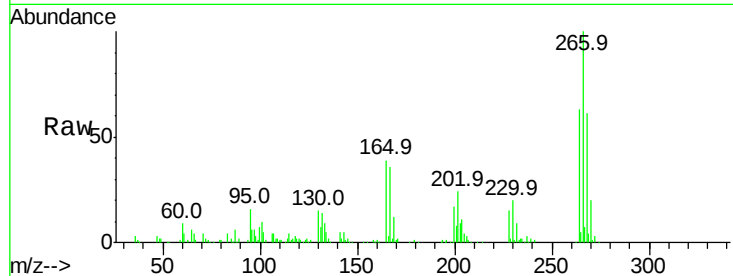
#69
 Pentachlorophenol
 Concen: 66.910 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion:	266	Resp:	125839
Ion Ratio		Lower	Upper
266	100		
268	61.1	51.1	76.7
264	63.5	49.5	74.3

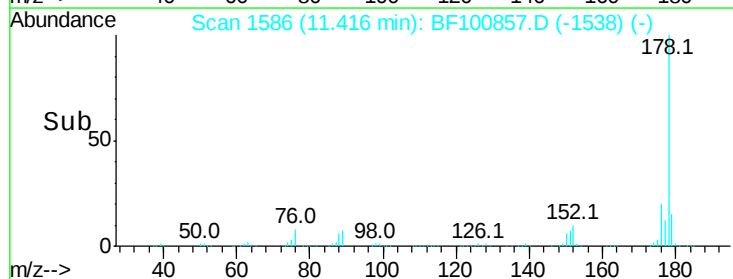
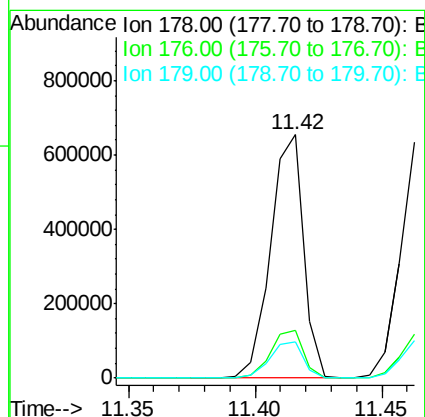
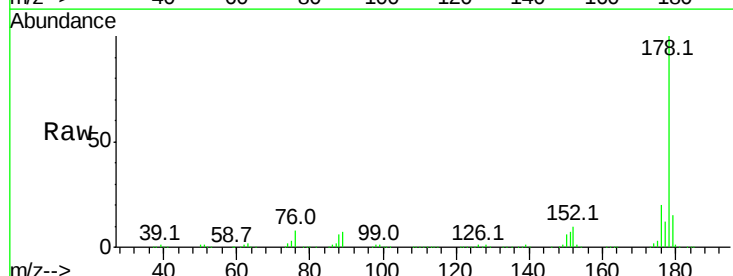
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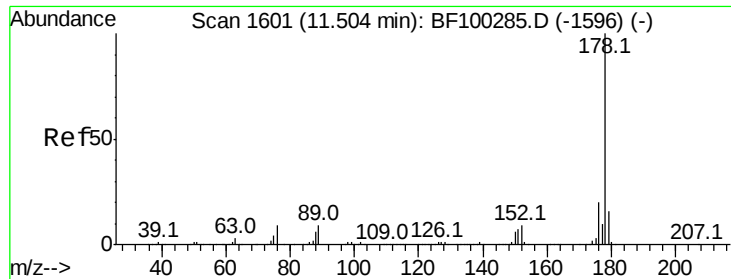
Sohil
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#70
 Phenanthrene
 Concen: 48.489 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion:	178	Resp:	597241
Ion Ratio		Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.0	13.0	19.6





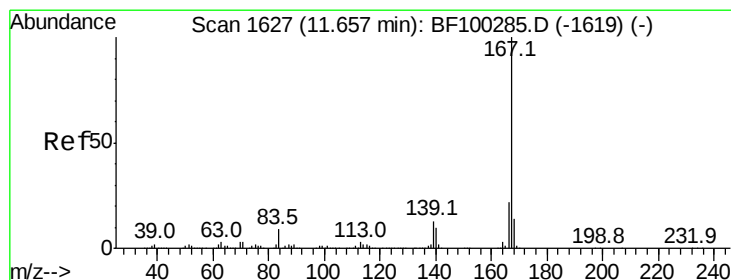
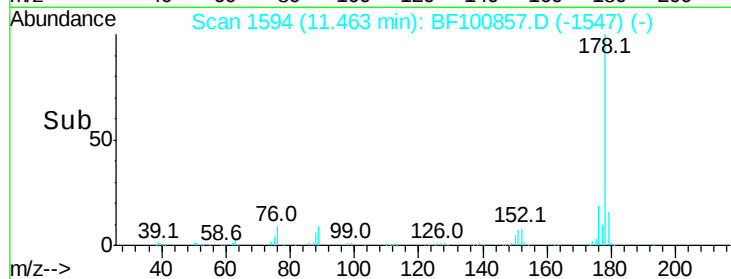
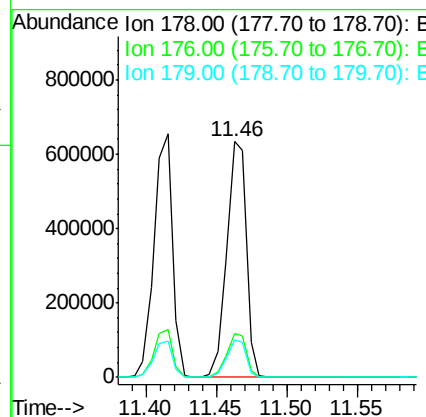
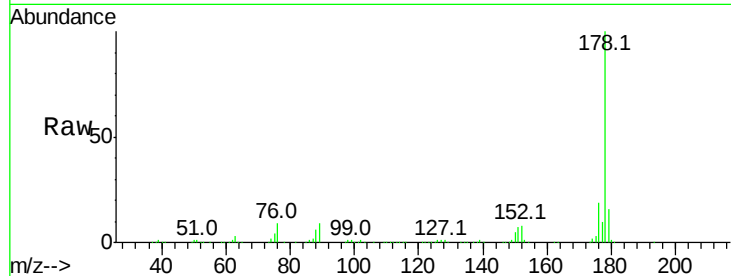
#71
 Anthracene
 Concen: 48.924 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.0	12.6	19.0

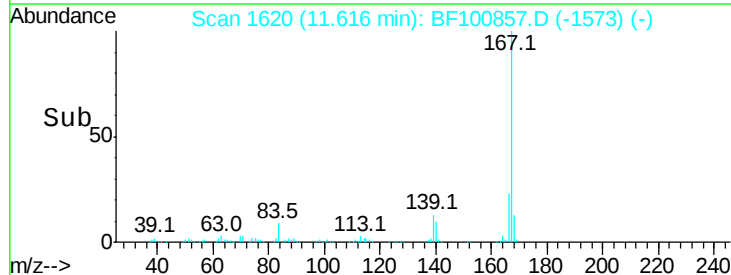
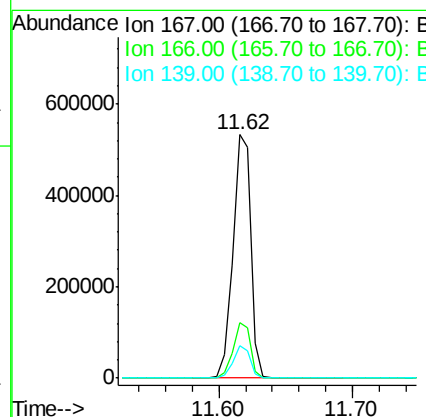
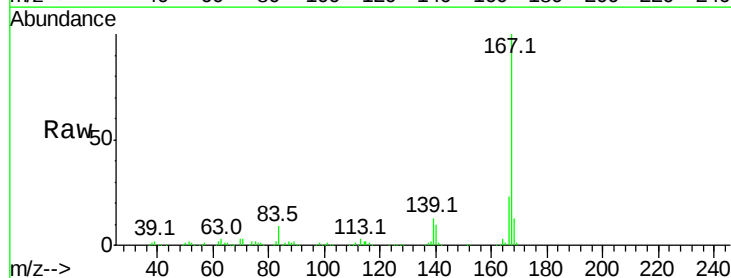
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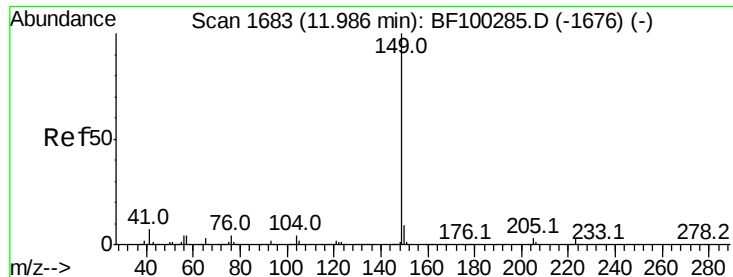
Sohil
 11/27/2017 3:21:06 PM



#72
 Carbazole
 Concen: 43.798 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 50.703 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

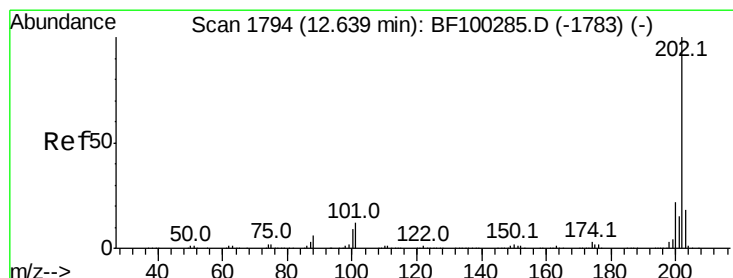
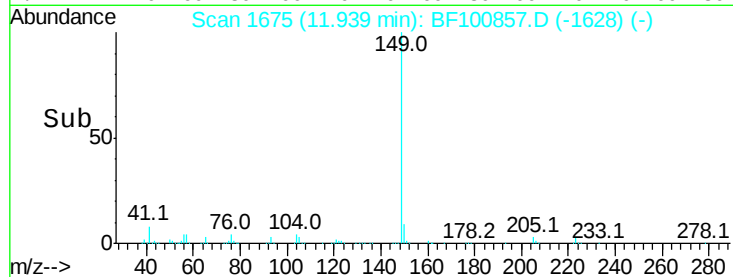
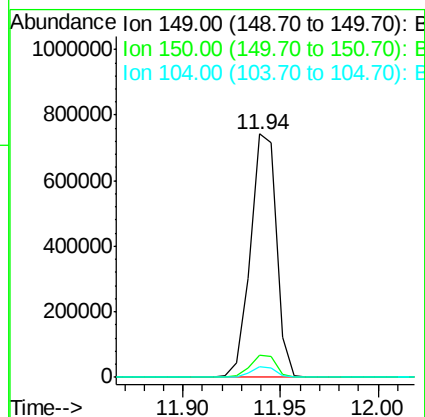
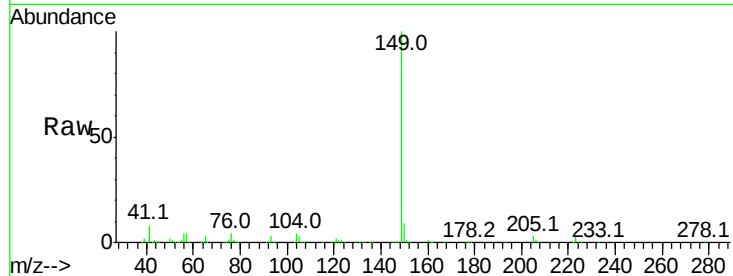
ClientSampleId :

PB104490BS

Tot Ion:	149	Resp:	684149
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 40.018 ng

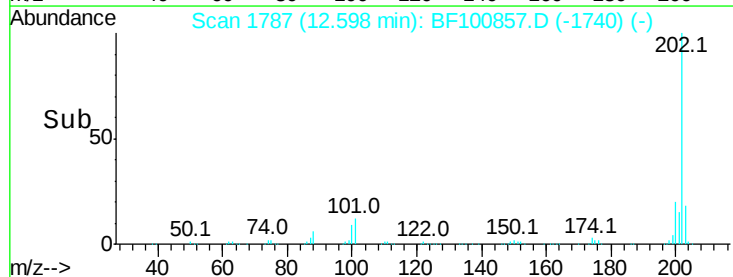
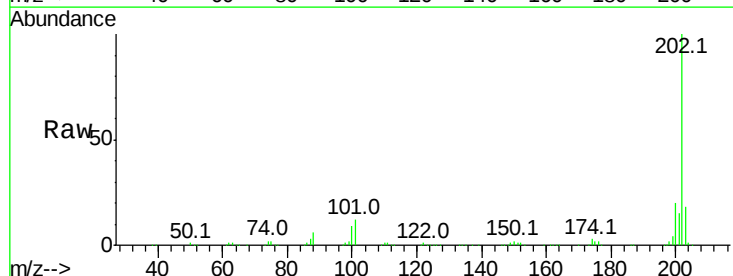
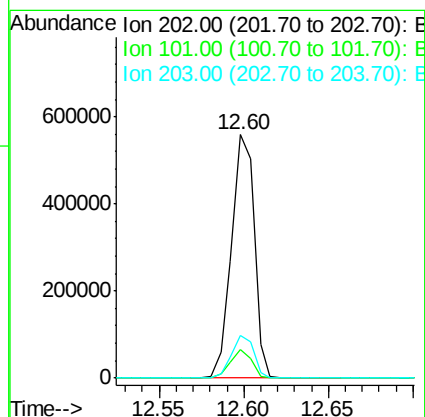
RT: 12.60 min Scan# 1787

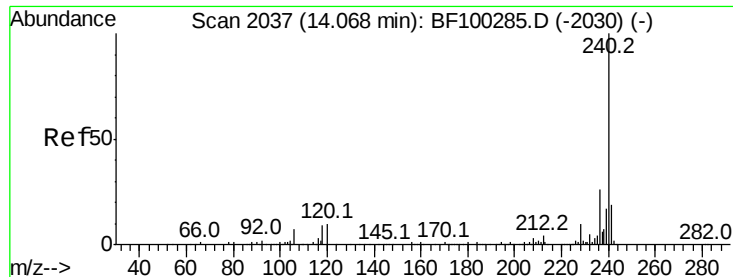
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	202	Resp:	522390
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

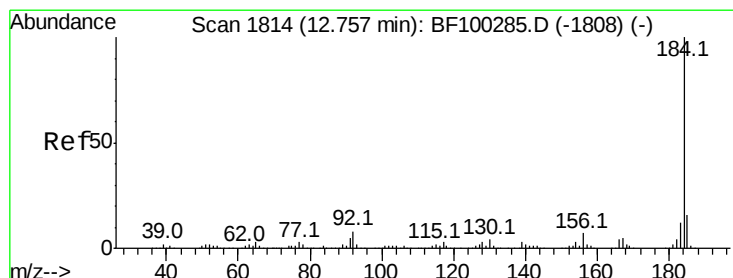
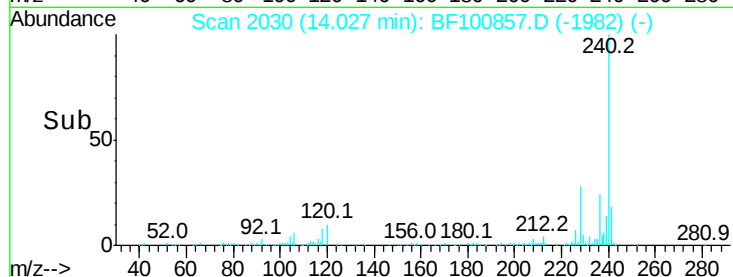
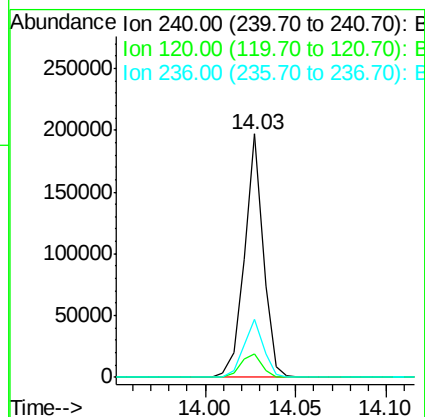
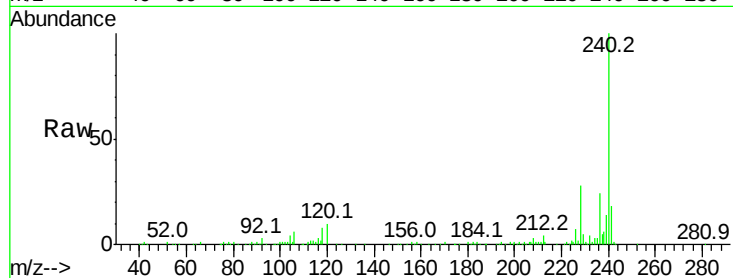
ClientSampled :

PB104490BS

Tot Ion:	240	Resp:	141921
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	24.0	20.7	31.1

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#76

Benzidine

Concen: 33.824 ng

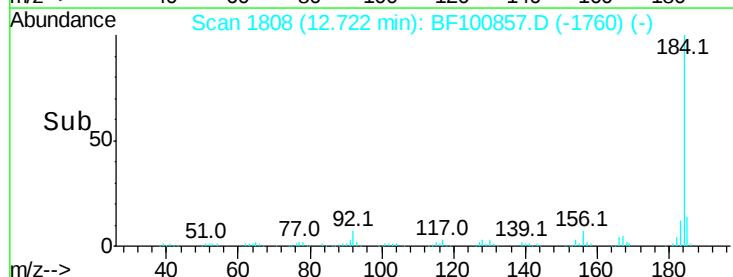
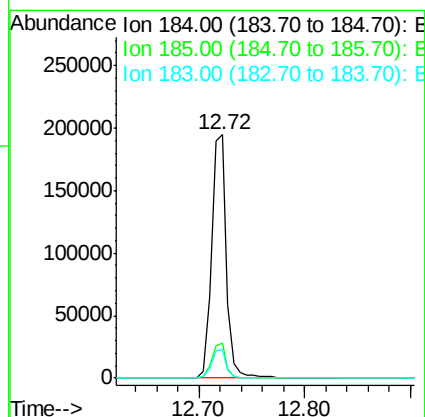
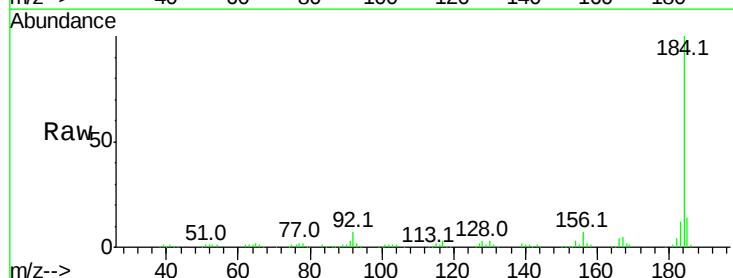
RT: 12.72 min Scan# 1808

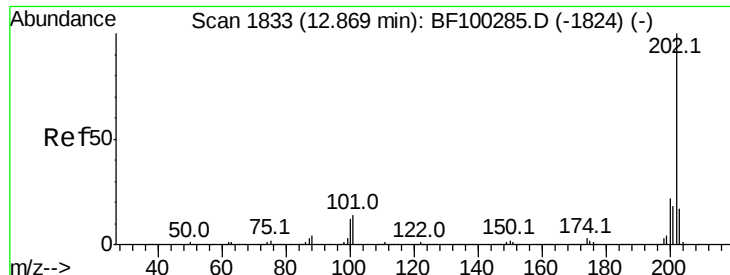
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	184	Resp:	192242
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.6	9.3	13.9





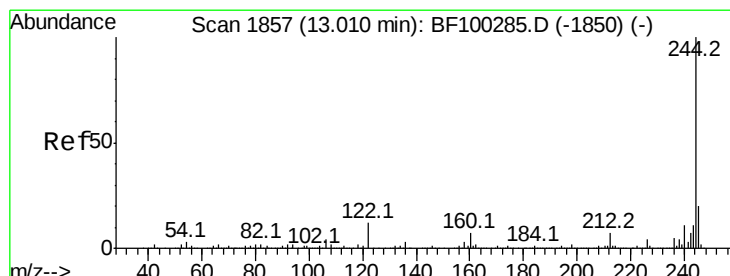
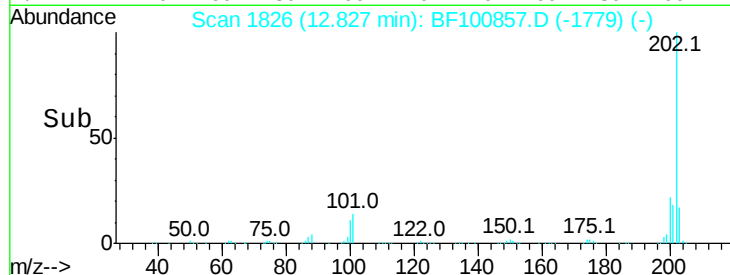
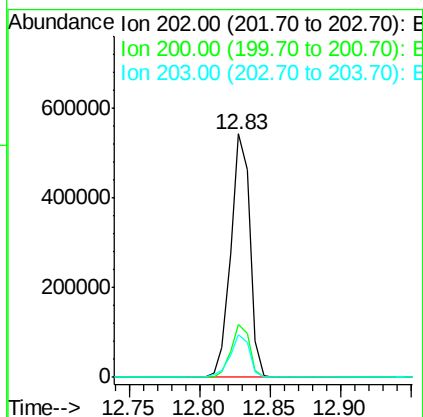
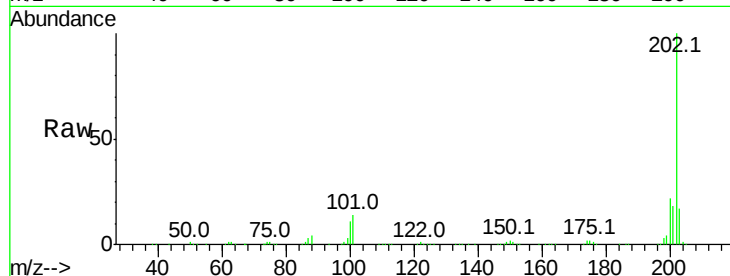
#77
Pvrene
Concen: 50.549 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	511384		
200	21.7		17.4	26.2
203	17.5		14.3	21.5

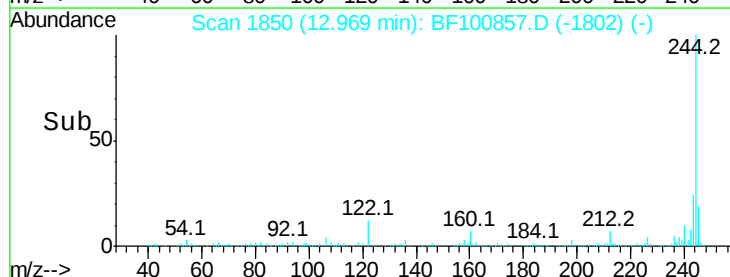
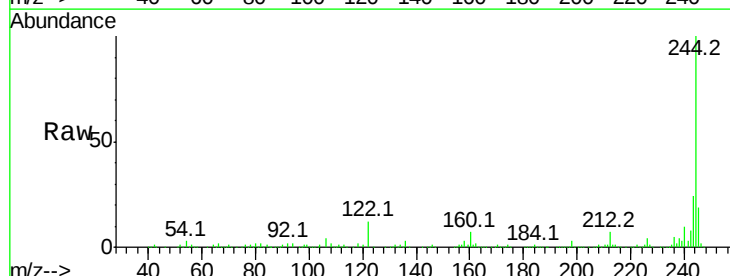
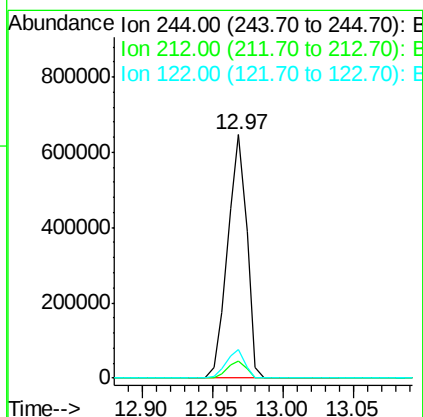
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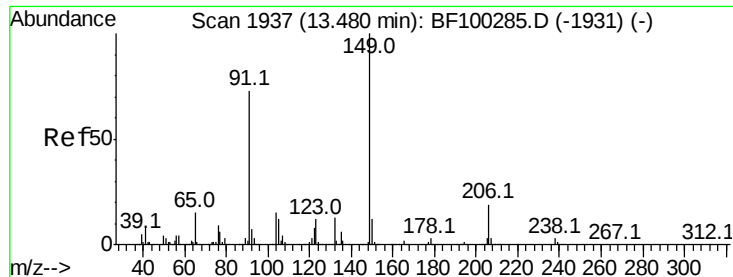
Sohil
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#78
Terphenyl-d14
Concen: 98.293 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	607117		
212	7.0		5.4	8.0
122	11.6		11.0	16.4





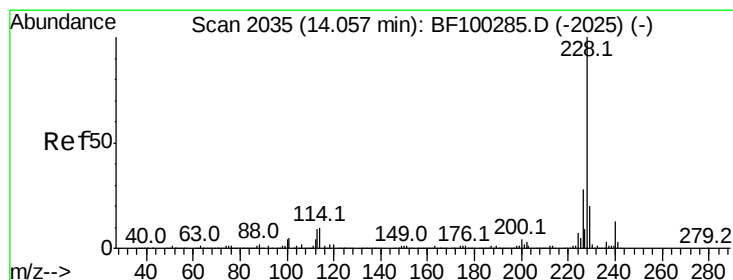
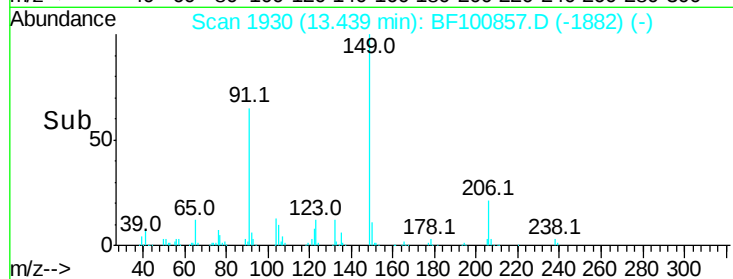
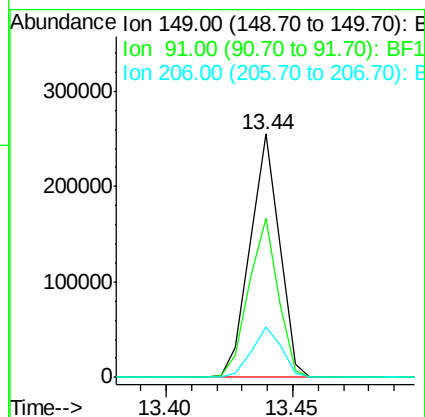
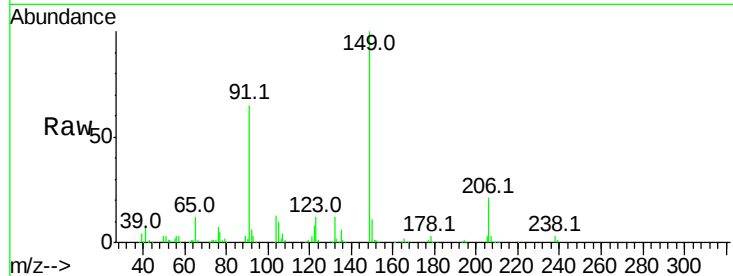
#79
Butylbenzylphthalate
Concen: 50.102 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	206707		
91	65.5	56.8	85.2	
206	20.6	14.1	21.1	

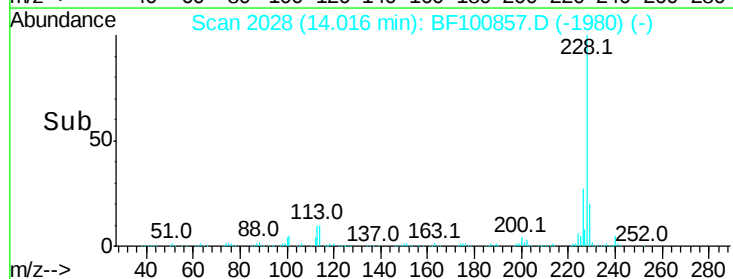
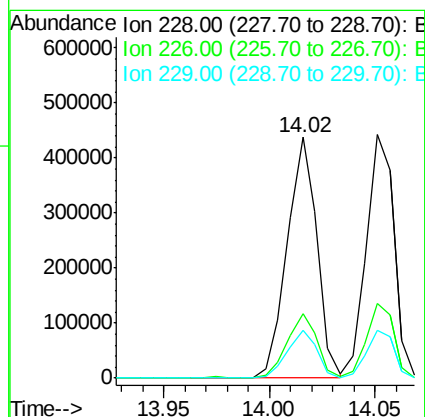
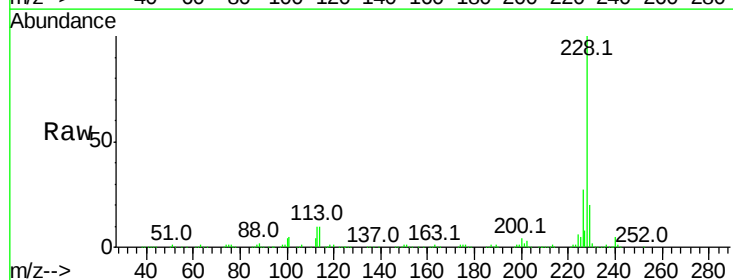
Manual Integrations
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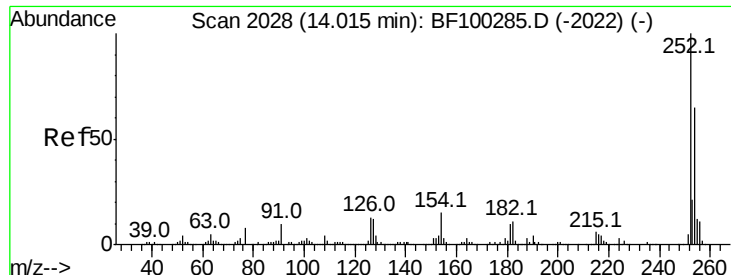
Sohil
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#80
Benzo(a)anthracene
Concen: 50.302 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	429903		
226	27.0	22.6	33.8	
229	20.0	15.8	23.6	





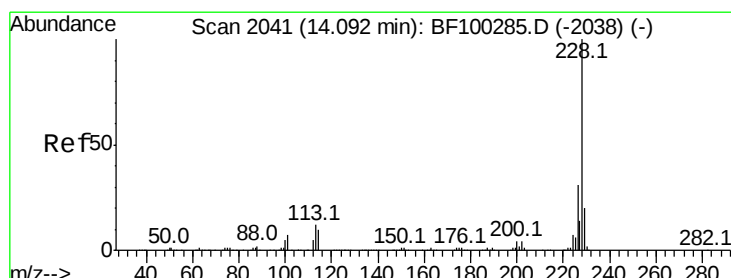
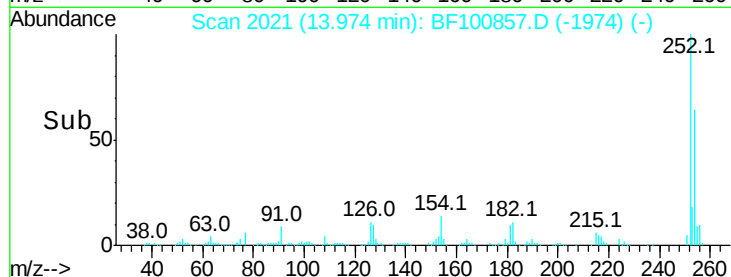
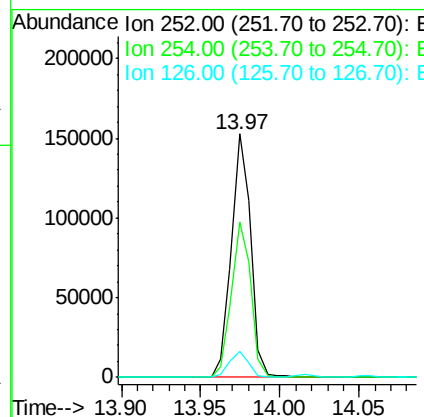
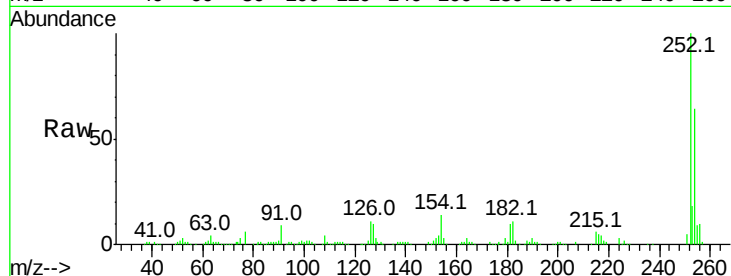
#81
 3,3'-Dichlorobenzidine
 Concen: 42.140 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	50.4	75.6
126	10.9	11.3	16.9

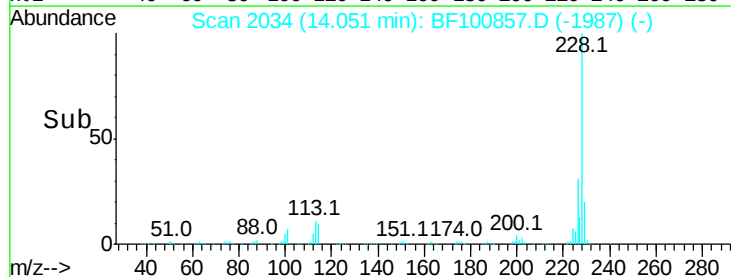
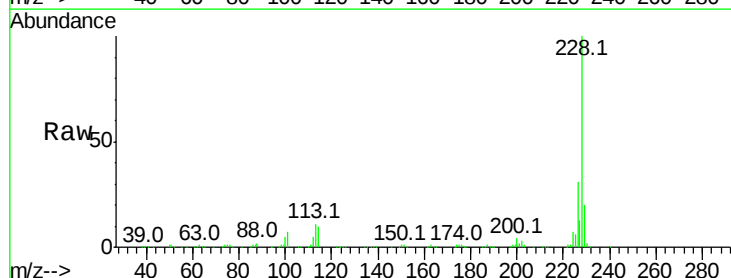
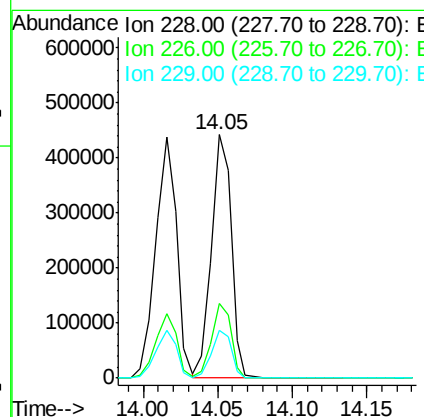
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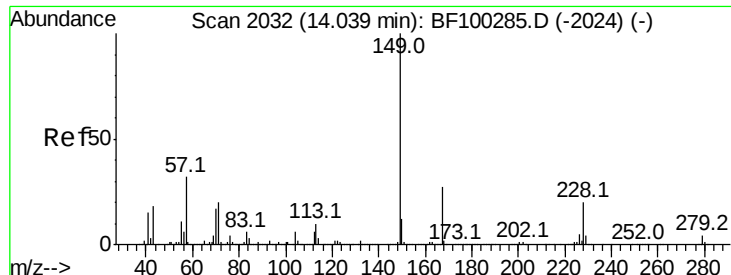
Sohil
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#82
 Chrysene
 Concen: 48.985 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4





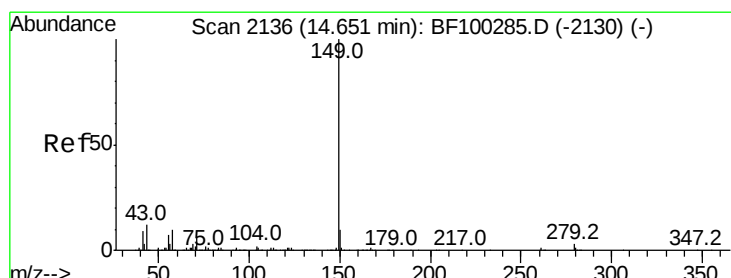
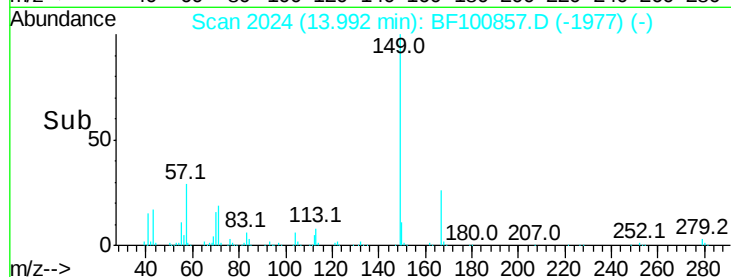
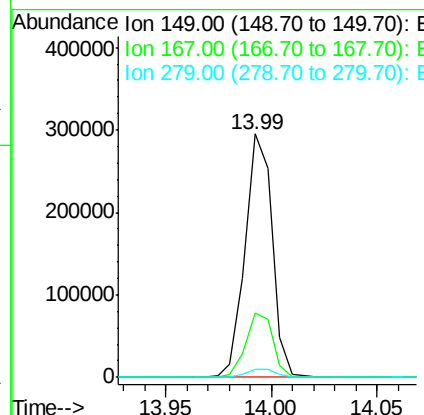
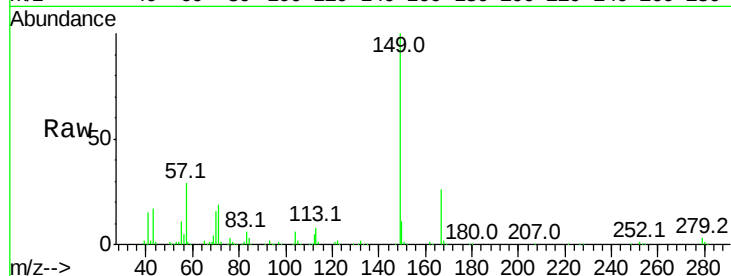
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.161 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	261339		
167	26.2	21.3	31.9	
279	3.2	3.0	4.4	

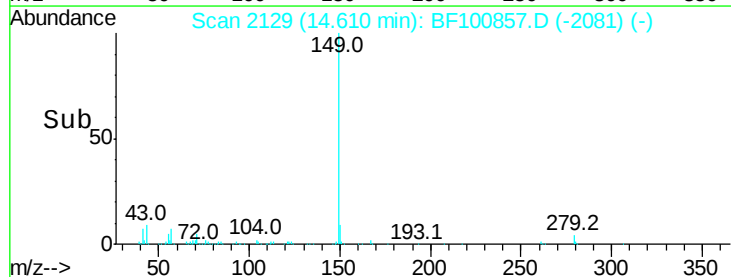
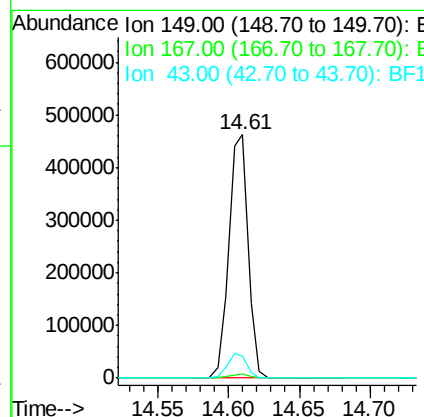
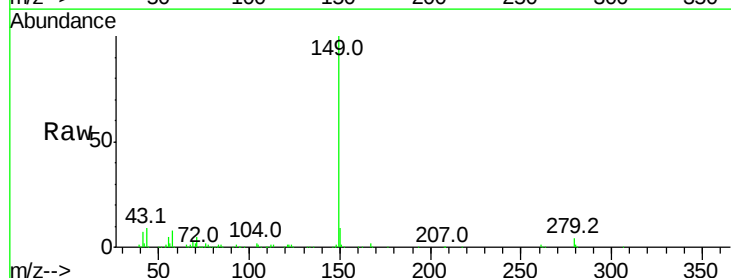
Manual Integrations
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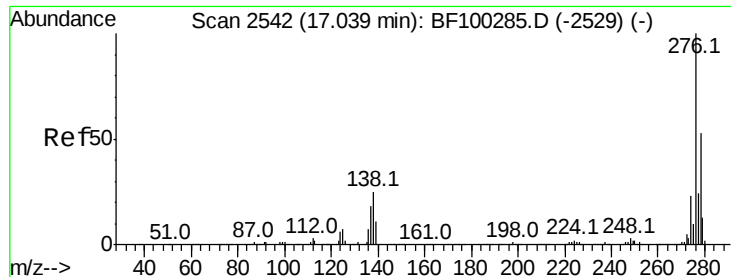
Sohil
 11/27/2017 3:21:06 PM



#84
 Di-n-octyl phthalate
 Concen: 46.927 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	437453		
167	1.5	1.2	1.8	
43	9.9	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.721 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

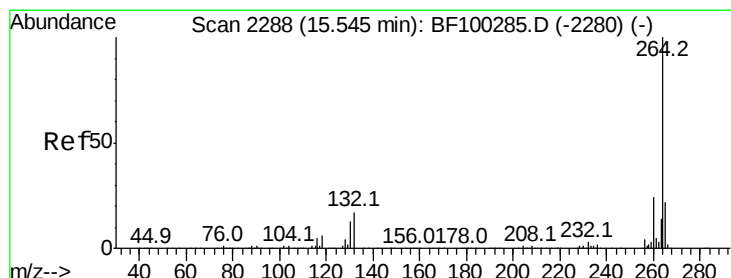
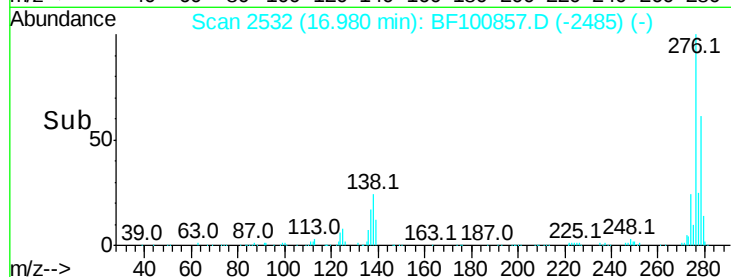
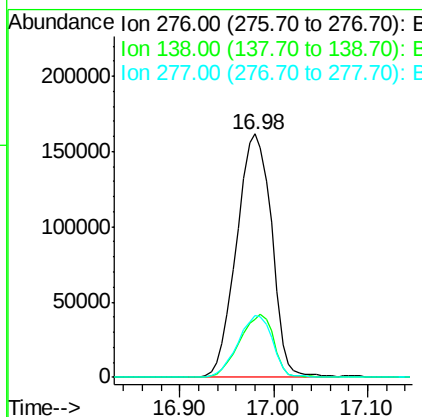
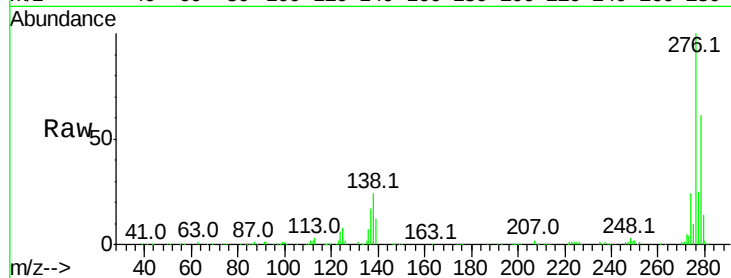
ClientSampleId :

PB104490BS

Tot Ion:	276	Resp:	419863
Ion Ratio	Lower	Upper	
276	100		
138	25.3	25.0	37.6
277	25.0	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

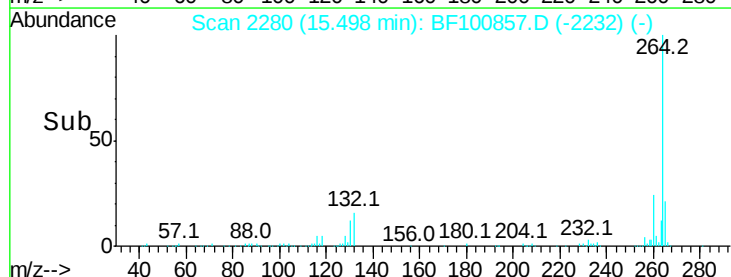
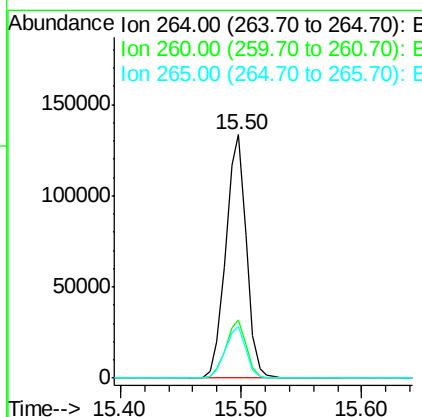
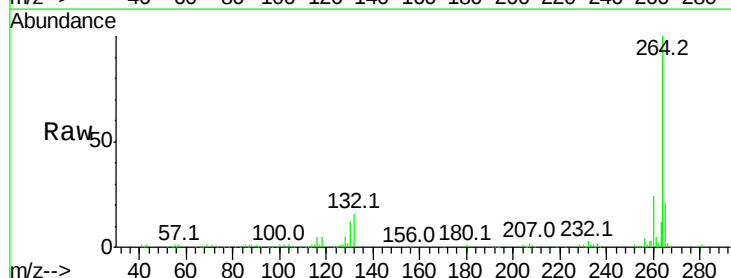
RT: 15.50 min Scan# 2280

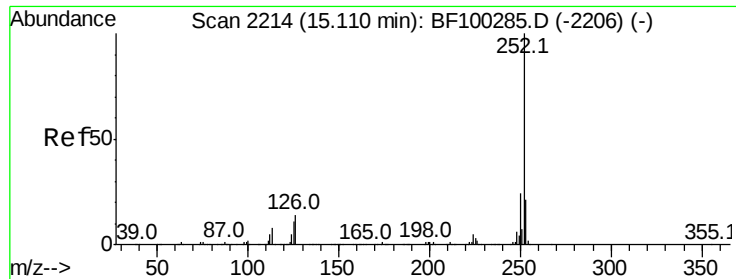
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	264	Resp:	157699
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.303 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Instrument :

BNA_F

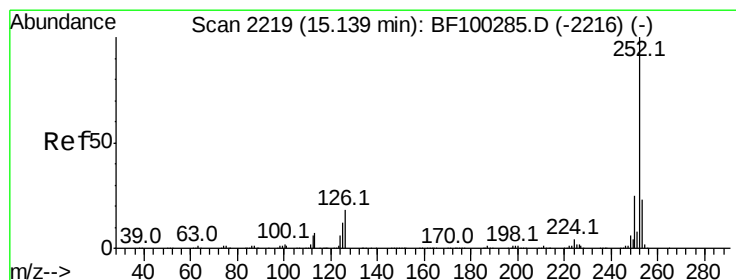
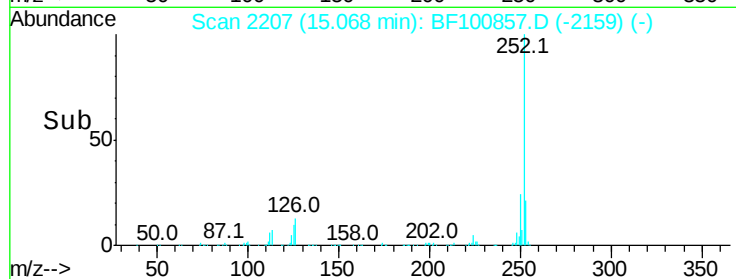
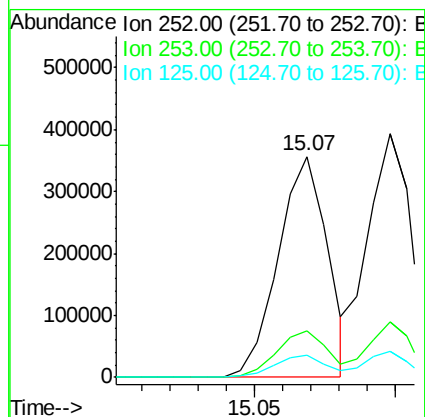
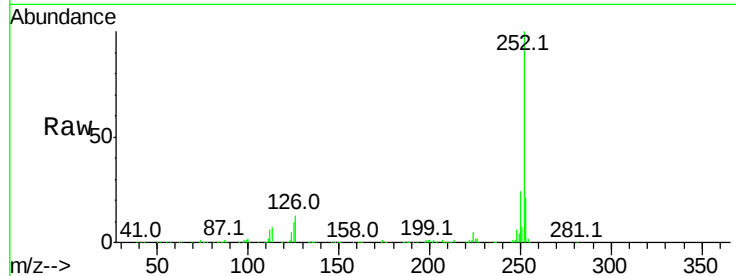
ClientSampled :

PB104490BS

Tot Ion:	252	Resp:	432602
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.0	25.6
125	9.8	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 48.079 ng

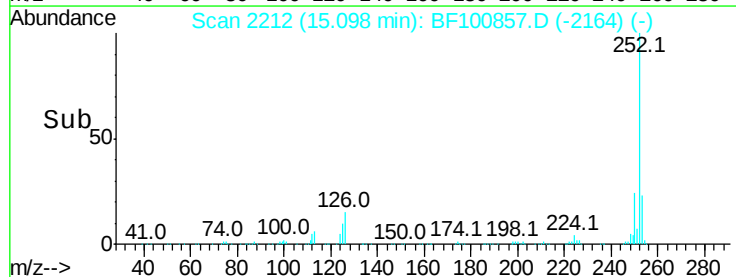
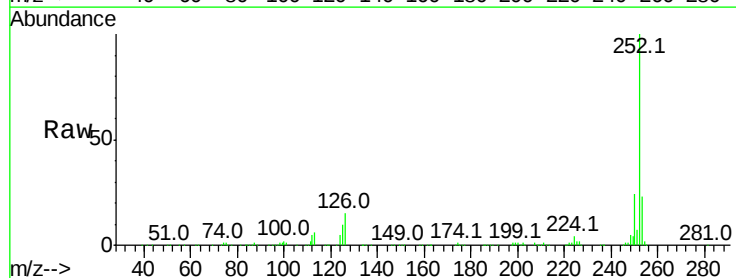
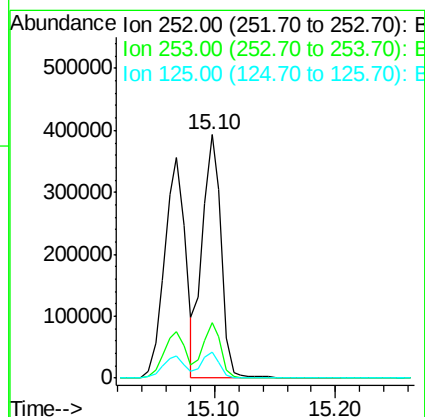
RT: 15.10 min Scan# 2212

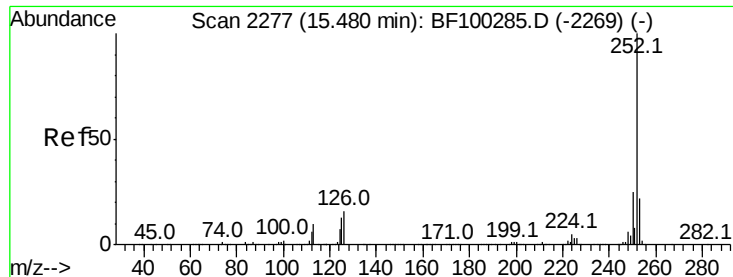
Delta R.T. -0.02 min

Lab File: BF100857.D

Acq: 23 Nov 2017 7:08

Tgt Ion:	252	Resp:	424420
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	10.5	10.2	15.2





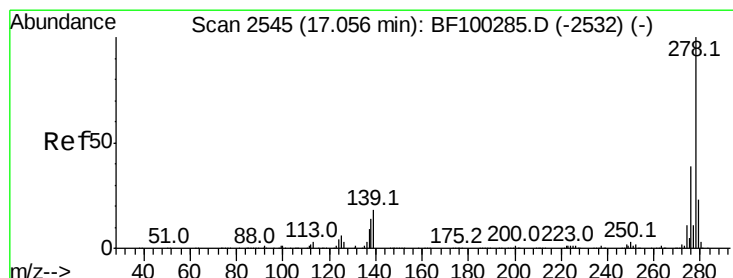
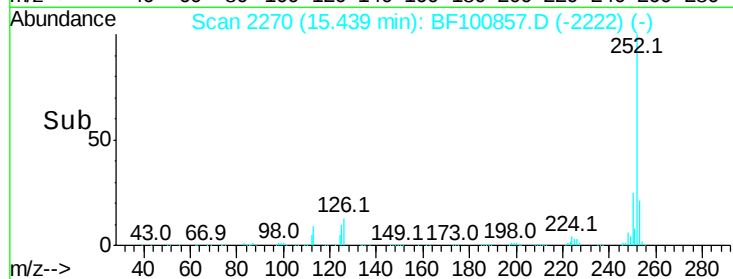
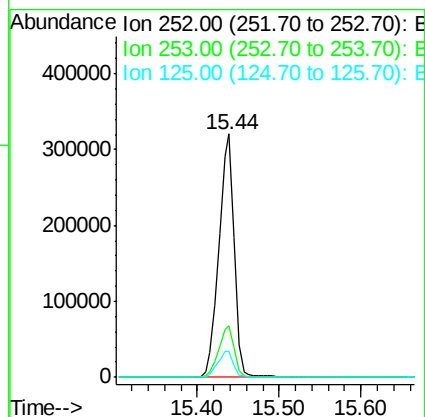
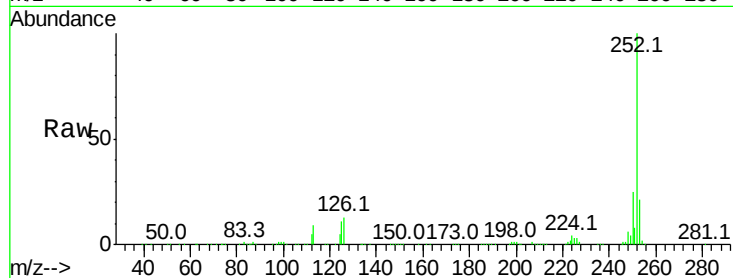
#89
Benzo(a)pyrene
Concen: 50.814 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	10.5	9.8	14.6

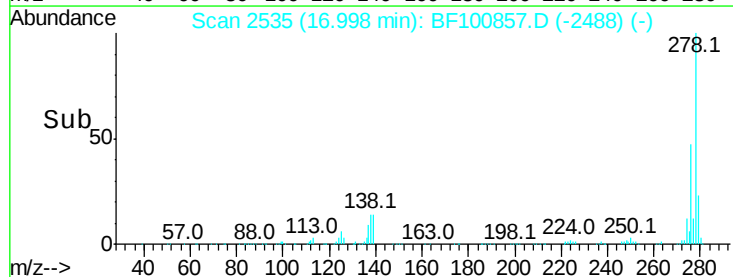
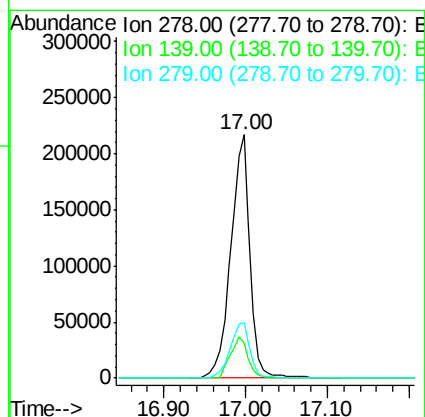
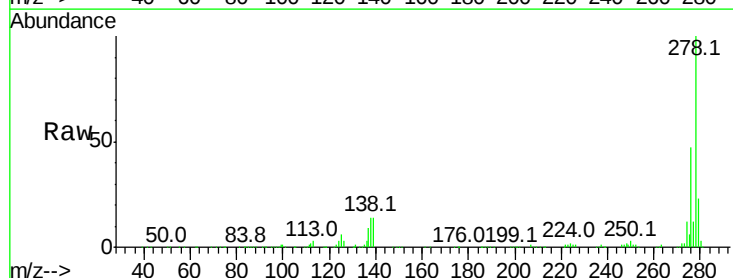
Manual Integrations
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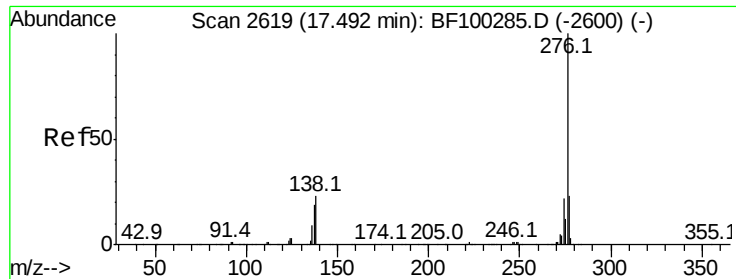
Sohil
11/27/2017 3:21:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.183 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF100857.D
Acq: 23 Nov 2017 7:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.9	23.9#
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.472 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF100857.D
 Acq: 23 Nov 2017 7:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.3	17.9	26.9
138	20.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:21:06 PM

