

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100624.D
 Acq On : 16 Nov 2017 12:13
 Operator : SJ/JU
 Sample : PB104287BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:34 PM

Quant Time: Nov 16 13:17:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103502	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	409783	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	194762	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	393255	20.00	ng	0.00
75) Chrysene-d12	14.04	240	273919	20.00	ng	0.00
86) Perylene-d12	15.52	264	216029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	762980	118.17	ng	0.01
7) Phenol-d6	6.51	99	917295	115.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	584368	94.28	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	265687	133.87	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1163125	90.94	ng	0.00
78) Terphenyl-d14	12.99	244	1118381	93.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	110054	34.975	ng	97
3) Pyridine	3.52	79	321155	37.410	ng	96
4) n-Nitrosodimethylamine	3.47	42	145412	34.887	ng	# 97
6) Aniline	6.55	93	282210	25.089	ng	99
8) 2-Chlorophenol	6.67	128	293614	42.985	ng	98
9) Benzaldehyde	6.43	77	118605	20.859	ng	98
10) Phenol	6.53	94	360025	43.073	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	275859	39.292	ng	100
12) 1,3-Dichlorobenzene	6.82	146	330807	42.006	ng	96
13) 1,4-Dichlorobenzene	6.90	146	331678	41.612	ng	98
14) 1,2-Dichlorobenzene	7.05	146	310232	42.096	ng	99
15) Benzyl Alcohol	7.02	79	256226	41.233	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	496320	44.200	ng	98
17) 2-Methylphenol	7.13	107	253509	43.430	ng	98
18) Hexachloroethane	7.39	117	112374	42.759	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	201925	36.569	ng	94
20) 3+4-Methylphenols	7.28	107	303205	41.048	ng	# 90
22) Acetophenone	7.29	105	394127	39.442	ng	# 98
24) Nitrobenzene	7.46	77	306680	48.073	ng	99
25) Isophorone	7.70	82	566216	43.472	ng	99
26) 2-Nitrophenol	7.78	139	166393	54.775	ng	92
27) 2,4-Dimethylphenol	7.81	122	285075	48.824	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	359732	42.223	ng	99
29) 2,4-Dichlorophenol	8.02	162	263696	47.308	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	270360	44.840	ng	97
31) Naphthalene	8.19	128	853071	43.221	ng	99
32) Benzoic acid	7.91	122	82354	24.194	ng	98
33) 4-Chloroaniline	8.23	127	153040	18.628	ng	99
34) Hexachlorobutadiene	8.30	225	152758	42.611	ng	99
35) Caprolactam	8.60	113	77425m	40.475	ng	
36) 4-Chloro-3-methylphenol	8.71	107	269693	45.050	ng	99
37) 2-Methylnaphthalene	8.87	142	580891	44.330	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	265094	41.041	ng	97
40) Hexachlorocyclopentadiene	9.03	237	280396	92.234	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	197059	48.136	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	202901	47.837	nq	93
45) 1,1'-Biphenyl	9.34	154	700268	41.571	nq	99
46) 2-Chloronaphthalene	9.37	162	555625	45.467	nq	95
47) 2-Nitroaniline	9.46	65	171012	47.397	nq	97
48) Acenaphthylene	9.79	152	861994	42.563	nq	99
49) Dimethylphthalate	9.64	163	653399	43.940	nq	99
50) 2,6-Dinitrotoluene	9.70	165	145986	49.596	nq	90
51) Acenaphthene	9.96	154	545588	44.296	nq	100
52) 3-Nitroaniline	9.87	138	96580	27.786	nq	95
53) 2,4-Dinitrophenol	9.97	184	93363	74.829	nq #	16
54) Dibenzofuran	10.13	168	755483	43.763	nq	97
55) 4-Nitrophenol	10.03	139	248869	88.179	nq	89
56) 2,4-Dinitrotoluene	10.11	165	195875	52.749	nq #	88
57) Fluorene	10.47	166	573249	45.330	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	170151	48.947	nq #	86
59) Diethylphthalate	10.34	149	636311	42.760	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	276661	44.596	nq	94
61) 4-Nitroaniline	10.49	138	156133	47.373	nq	90
62) Azobenzene	10.62	77	583591	41.639	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	79650	41.522	nq #	72
65) n-Nitrosodiphenylamine	10.58	169	554367	40.542	nq	96
66) 4-Bromophenyl-phenylether	10.95	248	183092	43.432	nq #	81
67) Hexachlorobenzene	11.02	284	194447	44.102	nq #	87
68) Atrazine	11.10	200	180136	43.520	nq	96
69) Pentachlorophenol	11.21	266	204487	64.680	nq	99
70) Phenanthrene	11.43	178	876117	42.313	nq	98
71) Anthracene	11.49	178	908474	43.247	nq	99
72) Carbazole	11.63	167	810702	41.826	nq	99
73) Di-n-butylphthalate	11.96	149	1016225	44.802	nq	99
74) Fluoranthene	12.62	202	934913	42.605	nq	95
76) Benzidine	12.73	184	333048	30.360	nq	98
77) Pyrene	12.85	202	946303	48.464	nq	99
79) Butylbenzylphthalate	13.46	149	410479	51.548	nq	96
80) Benzo(a)anthracene	14.03	228	755073	45.775	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	158999	26.903	nq	98
82) Chrysene	14.07	228	714467	44.728	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	552914	52.793	nq	99
84) Di-n-octyl phthalate	14.63	149	810688	45.058	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	625927	48.446	nq	95
87) Benzo(b)fluoranthene	15.09	252	582832	45.539	nq	98
88) Benzo(k)fluoranthene	15.12	252	540171	44.669	nq #	97
89) Benzo(a)pyrene	15.46	252	522072	46.012	nq	97
90) Dibenzo(a,h)anthracene	17.02	278	507731	54.717	nq	97
91) Benzo(g,h,i)perylene	17.46	276	548966	60.437	nq	94

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

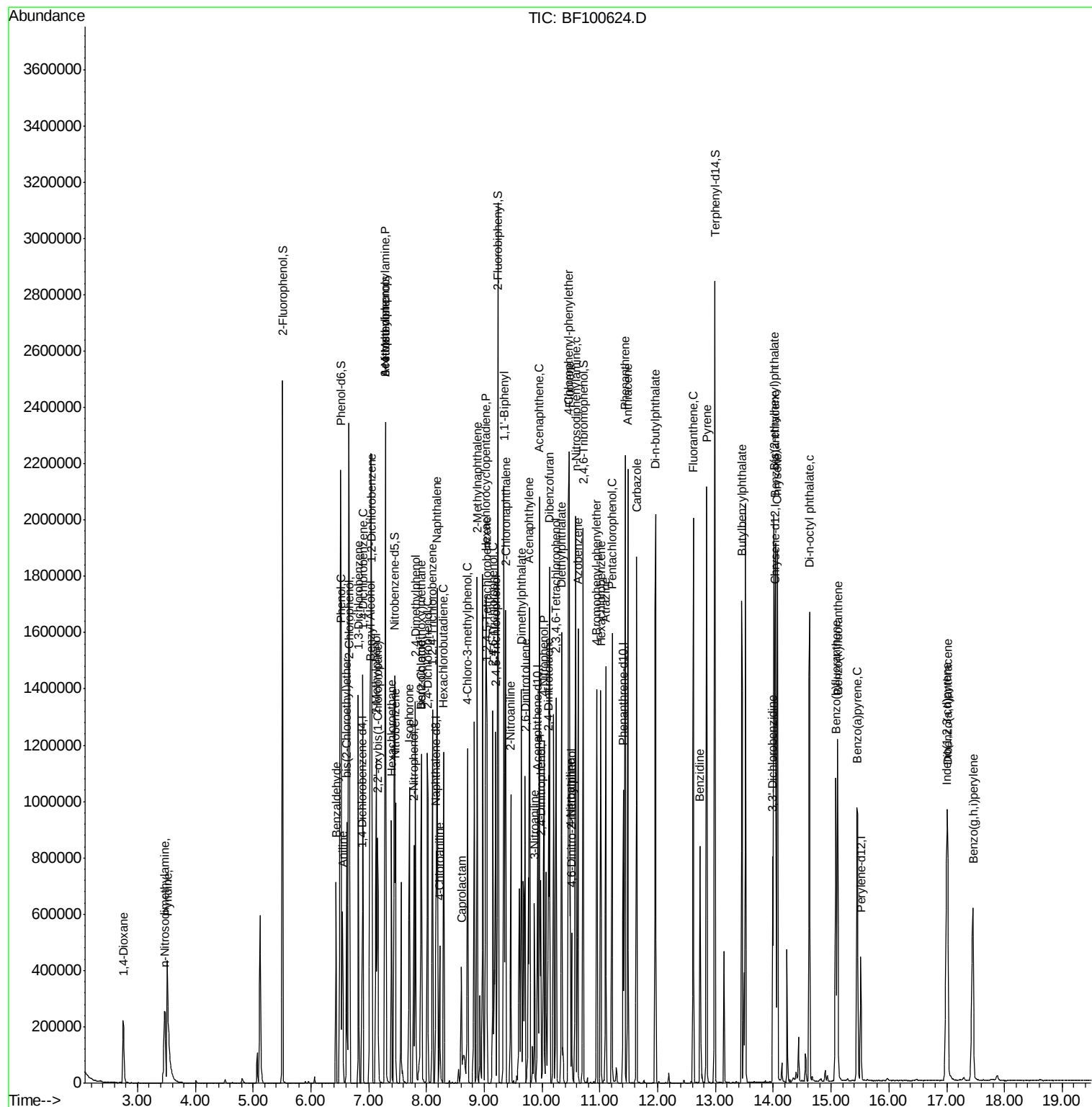
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100624.D
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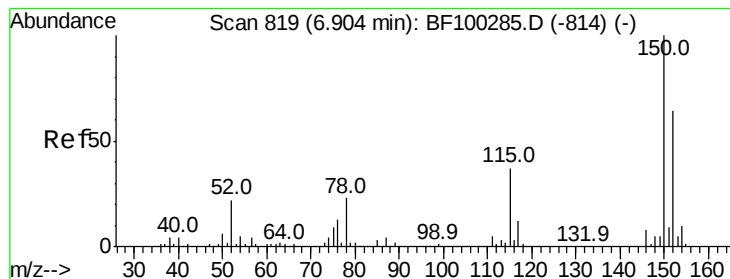
Instrument :
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#1

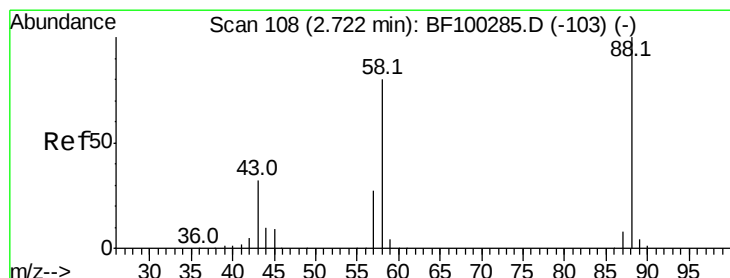
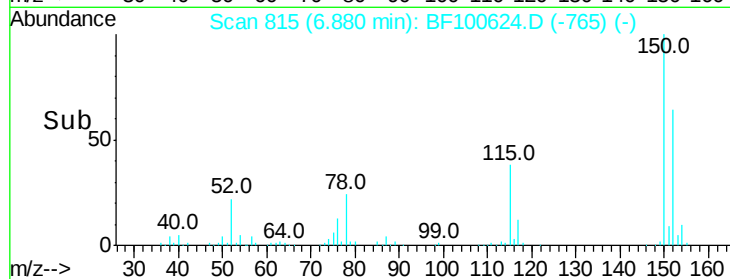
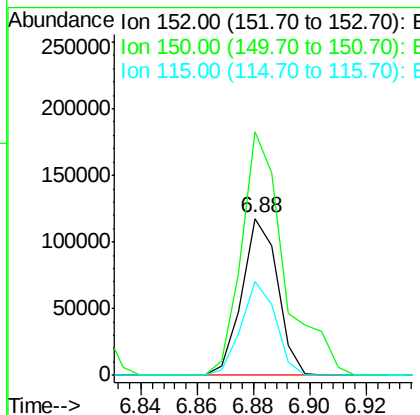
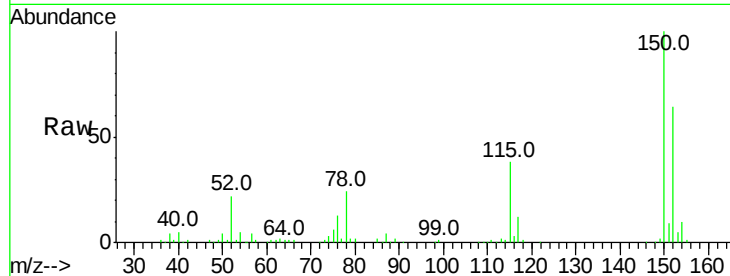
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampled :
PB104287BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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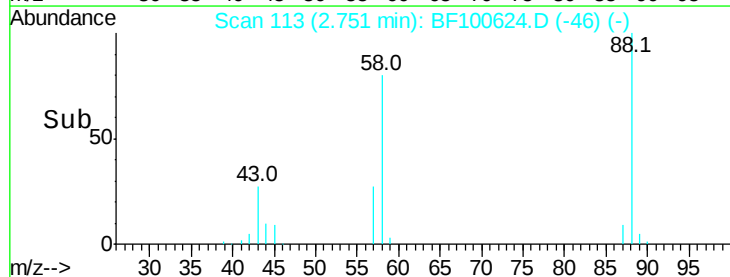
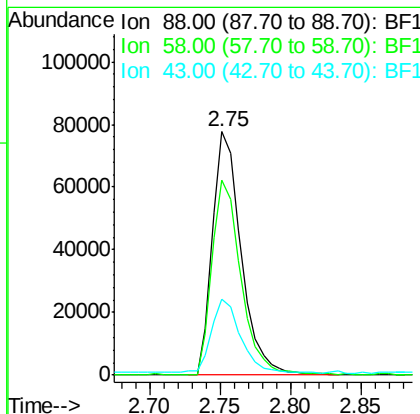
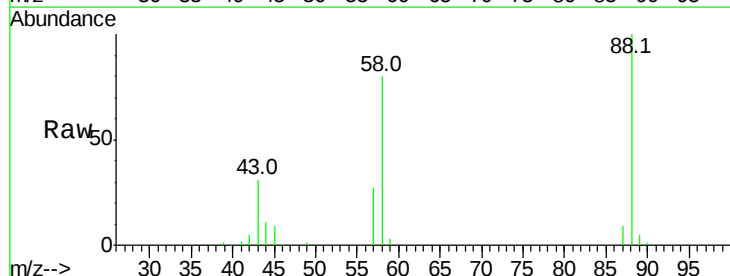
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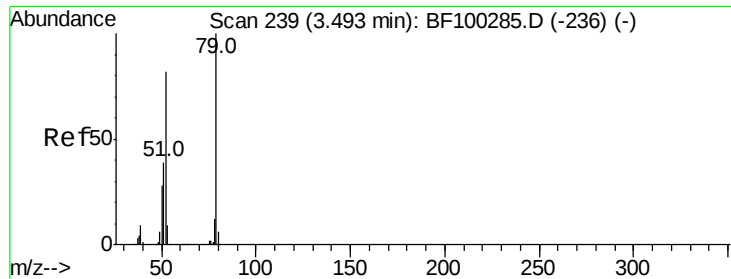


#2

1,4-Dioxane
Concen: 34.975 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.09 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	62.6	93.8
43	31.0	24.6	37.0





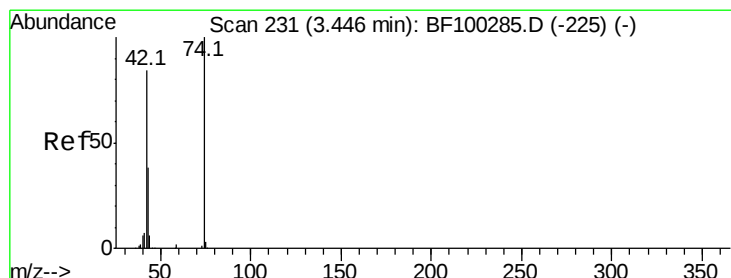
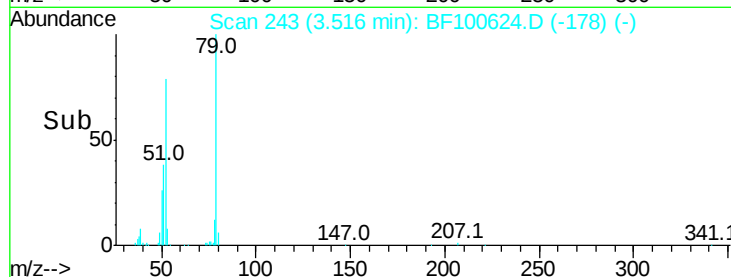
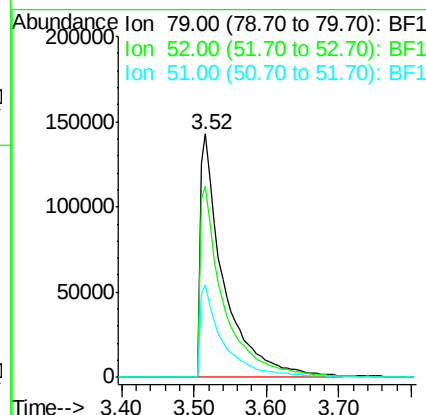
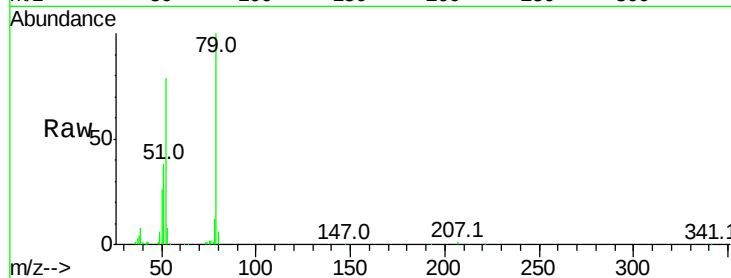
#3
 Pvrindine
 Concen: 37.410 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.08 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	59.8	89.6
51	38.1	29.8	44.8

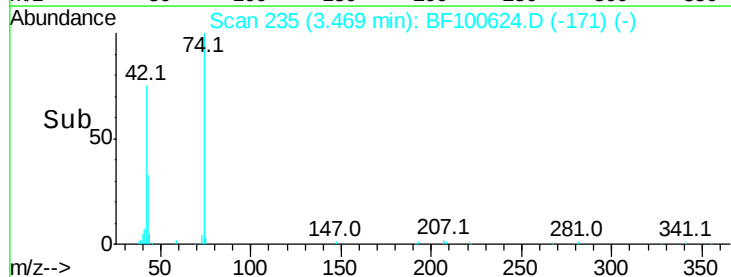
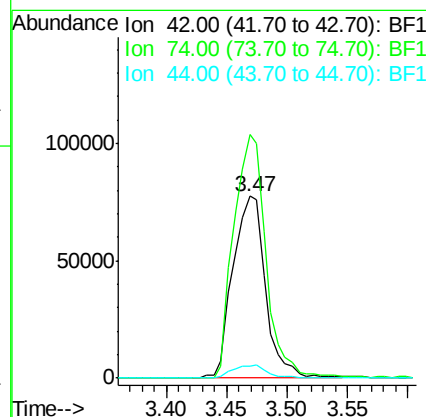
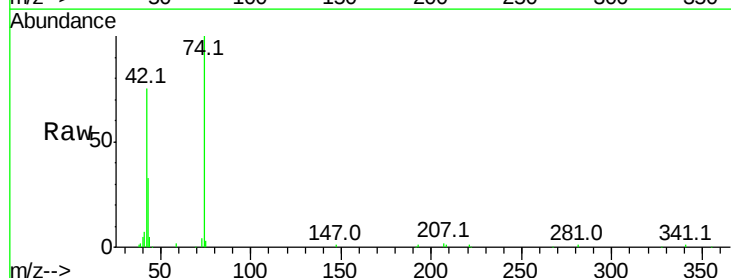
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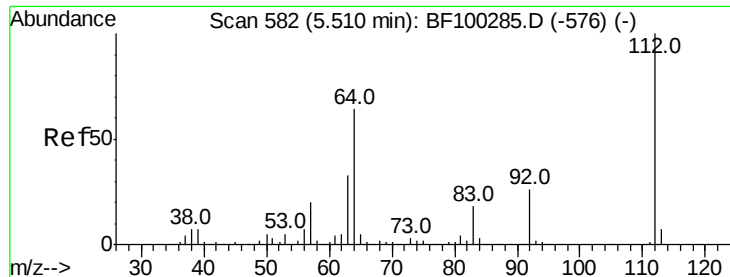
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#4
 n-Nitrosodimethylamine
 Concen: 34.887 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.08 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.9	104.9	157.3
44	6.6	6.9	10.3





#5

2-Fluorophenol

Concen: 118.167 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

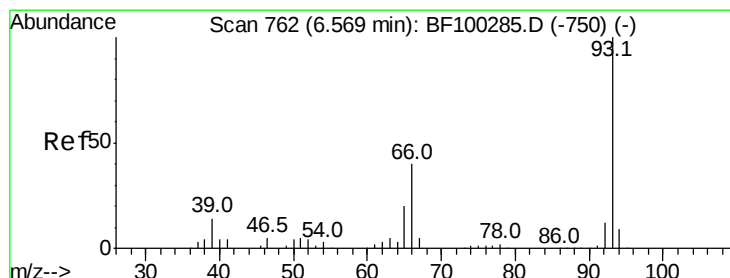
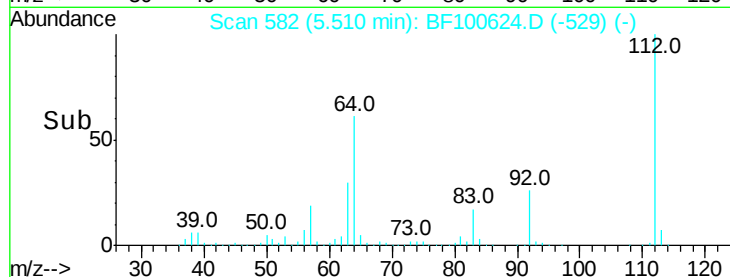
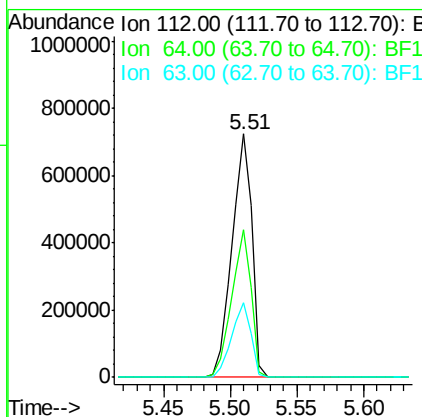
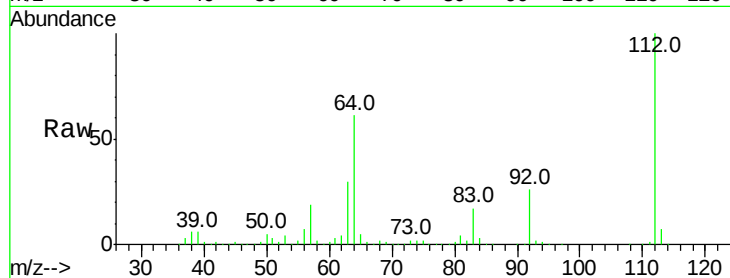
ClientSampled :

PB104287BS

Tot Ion:	112	Resp:	762980
Ion Ratio	Lower	Upper	
112	100		
64	60.8	47.9	71.9
63	30.4	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 25.089 ng

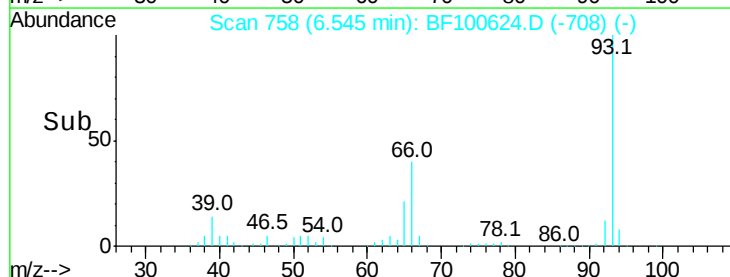
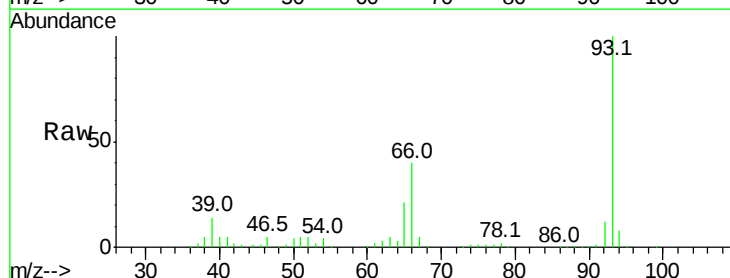
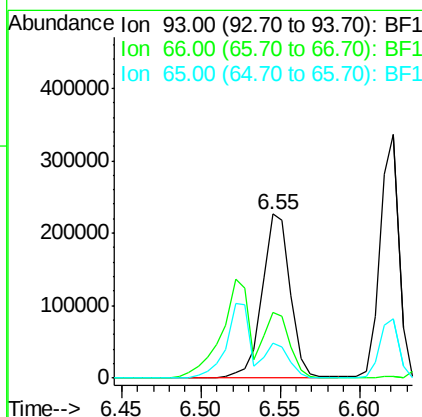
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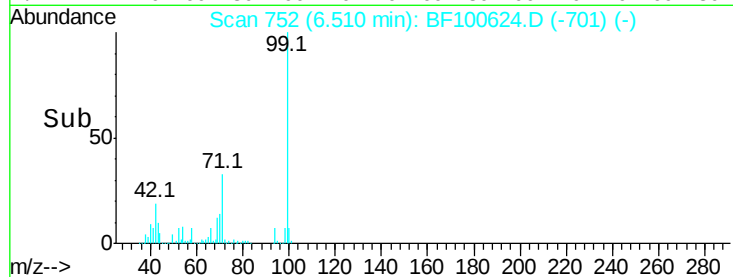
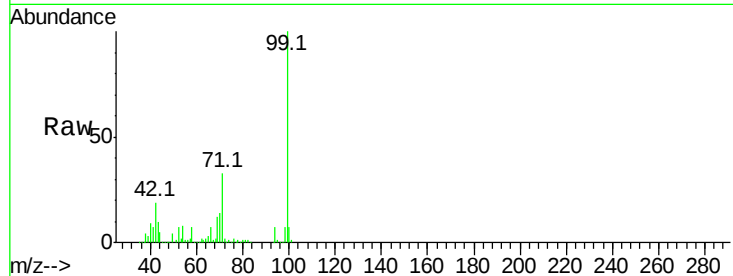
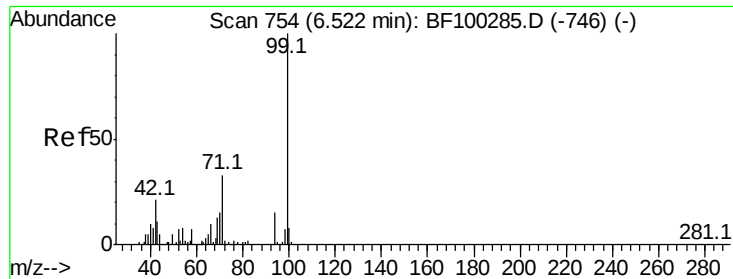
Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	93	Resp:	282210
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.2	48.2
65	21.0	16.4	24.6





#7

Phenol-d6

Concen: 115.208 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tot Ion:	99	Resp:	917295
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	32.6	25.4	38.0

Instrument :

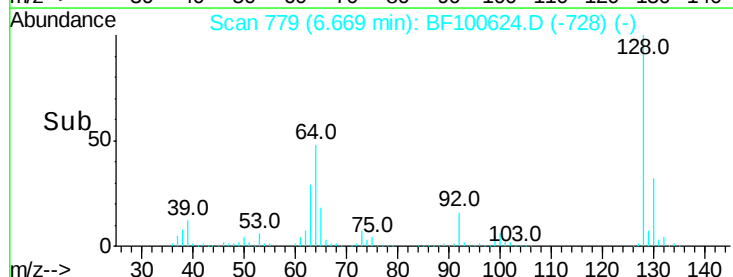
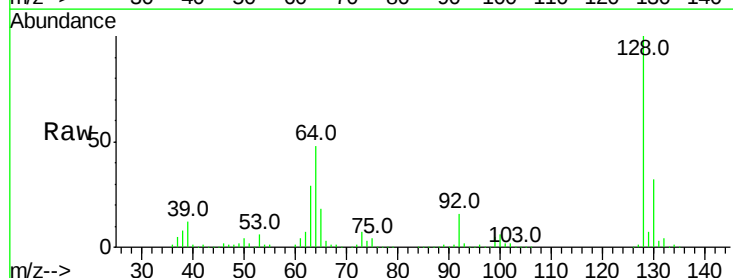
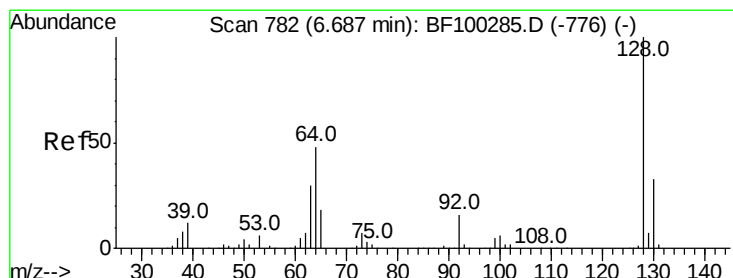
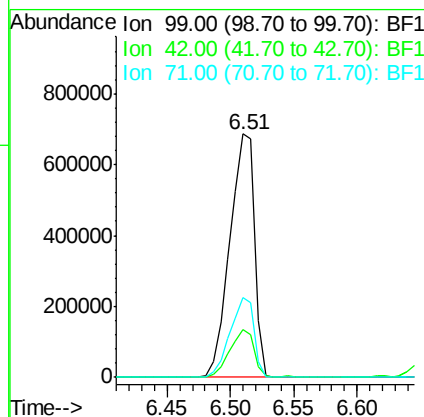
BNA_F

ClientSampled :

PB104287BS

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#8

2-Chlorophenol

Concen: 42.985 ng

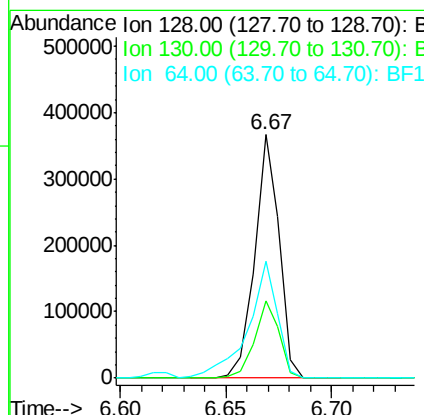
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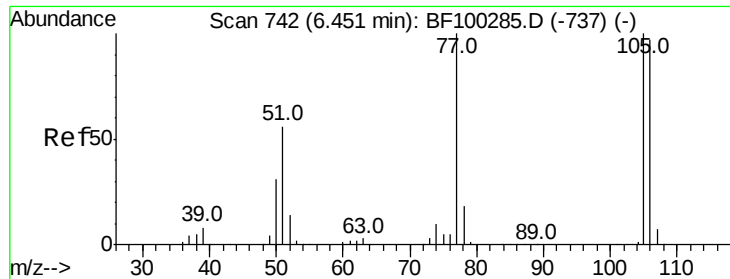
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	128	Resp:	293614
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	47.9	29.4	69.4





#9

Benzaldehyde

Concen: 20.859 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

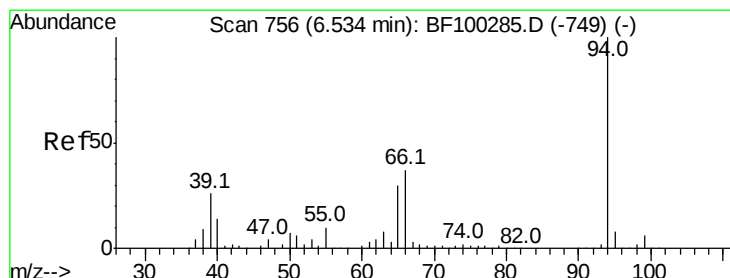
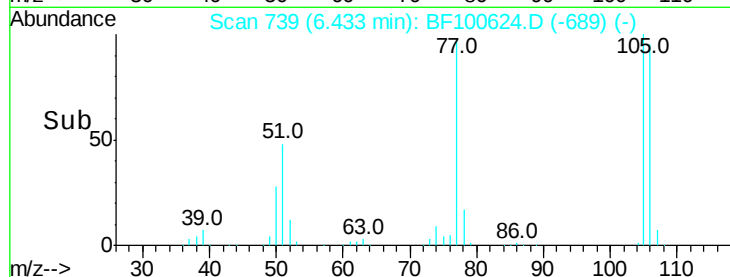
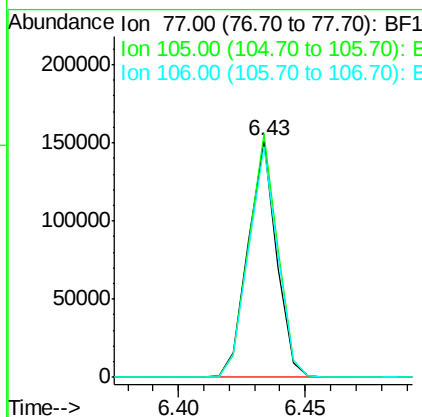
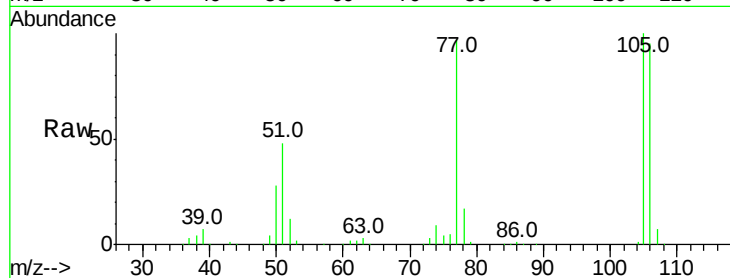
ClientSampled :

PB104287BS

Tot Ion:	77	Resp:	118605
Ion Ratio	Lower	Upper	
77	100		
105	102.9	81.1	121.1
106	97.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.073 ng

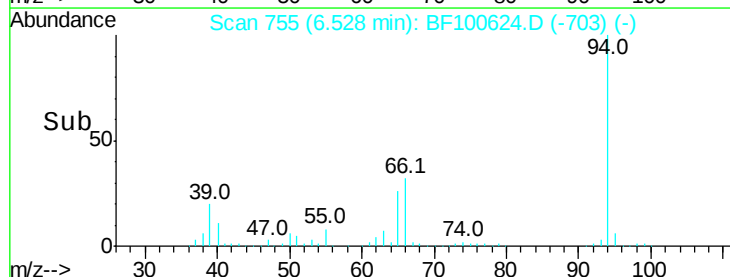
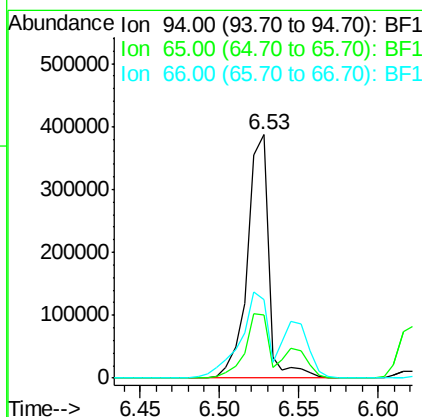
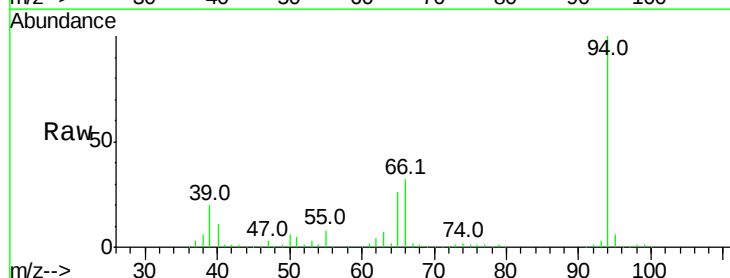
RT: 6.53 min Scan# 755

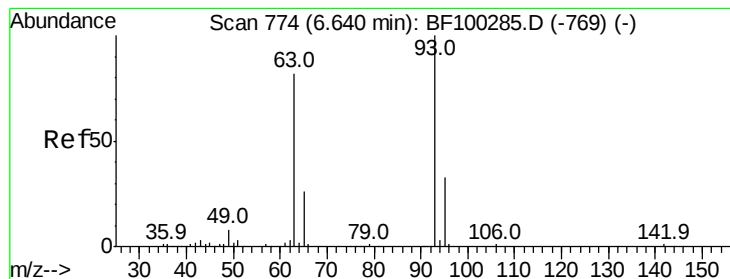
Delta R.T. 0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	94	Resp:	360025
Ion Ratio	Lower	Upper	
94	100		
65	26.0	7.9	47.9
66	32.3	16.2	56.2





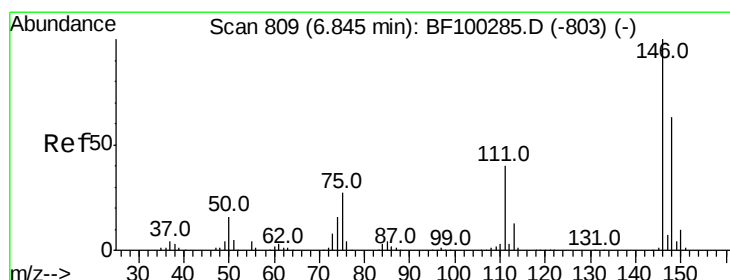
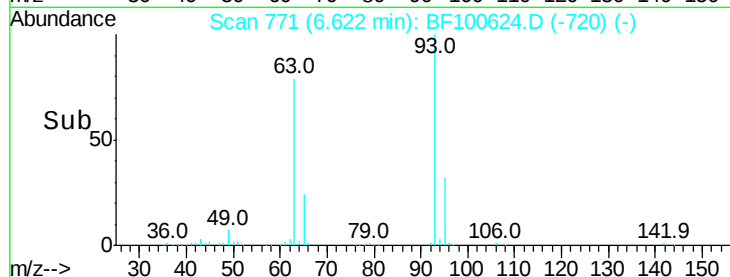
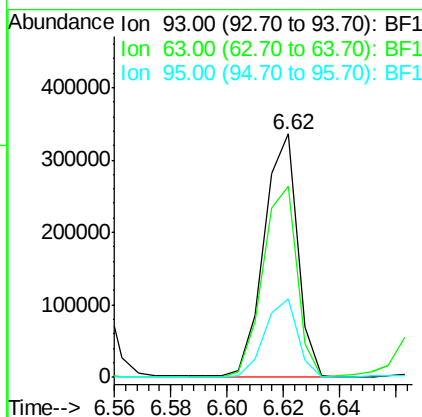
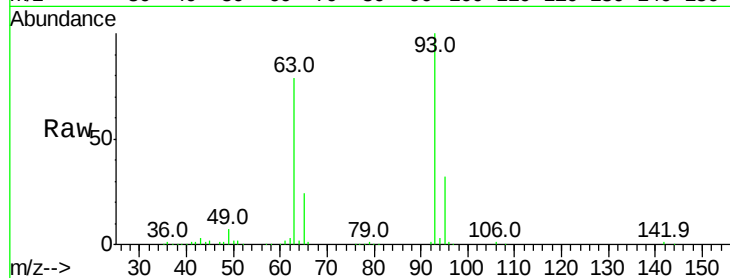
#11
bis(2-Chloroethyl)ether
Concen: 39.292 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.6	98.6
95	32.4	11.8	51.8

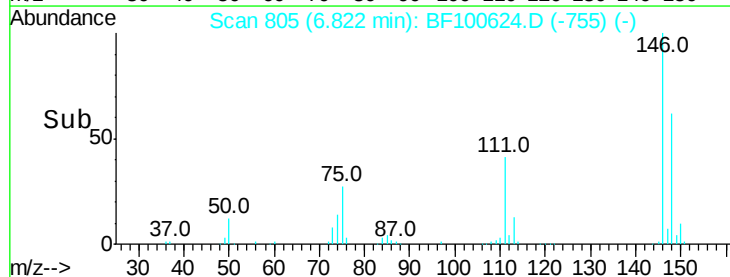
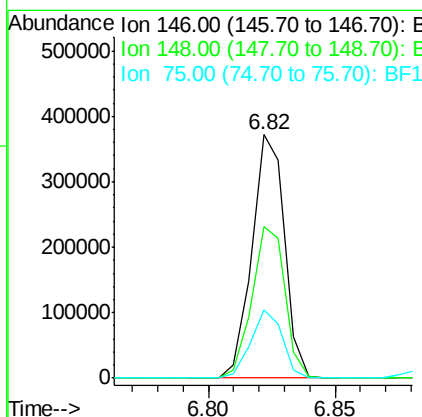
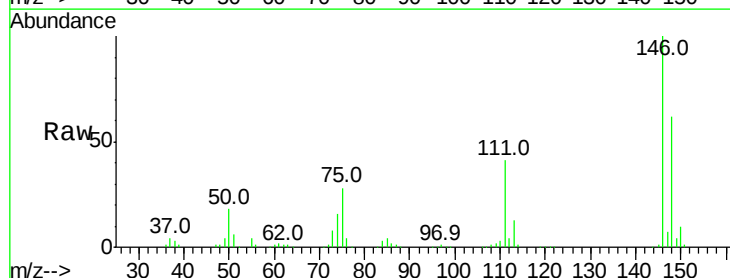
Manual Integrations
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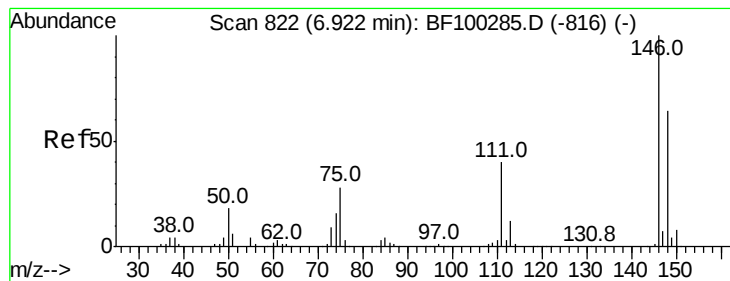
SOHIL
11/17/2017 1:24:34 PM



#12
1,3-Dichlorobenzene
Concen: 42.006 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.8
75	28.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.612 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

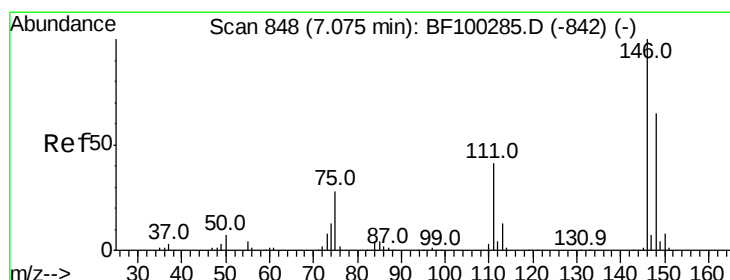
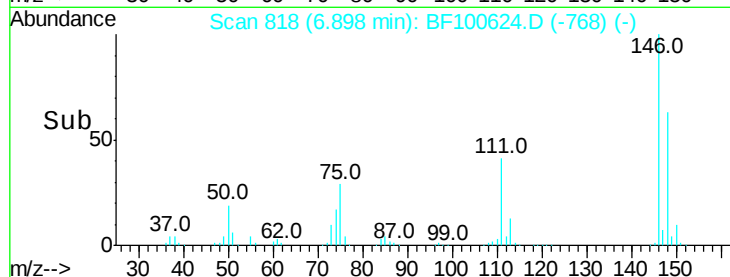
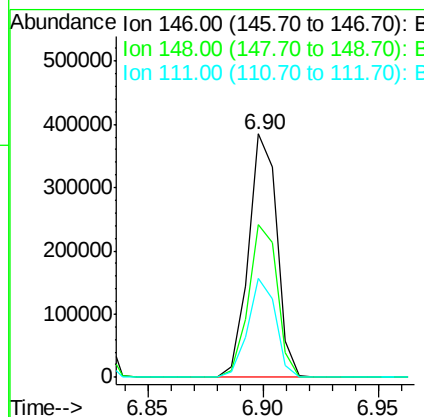
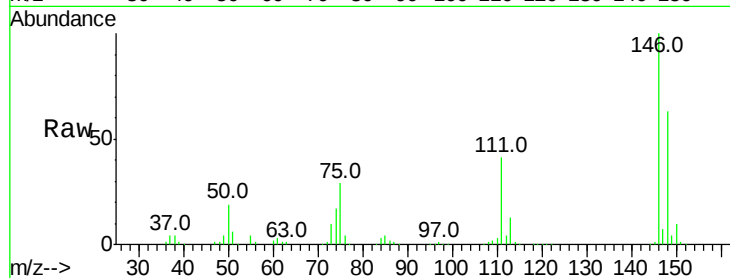
ClientSampled :

PB104287BS

Tot Ion:	146	Resp:	331678
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	40.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.096 ng

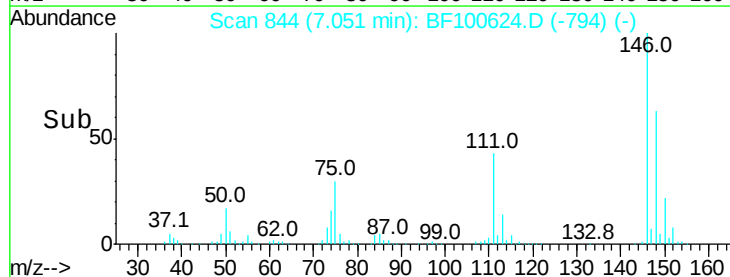
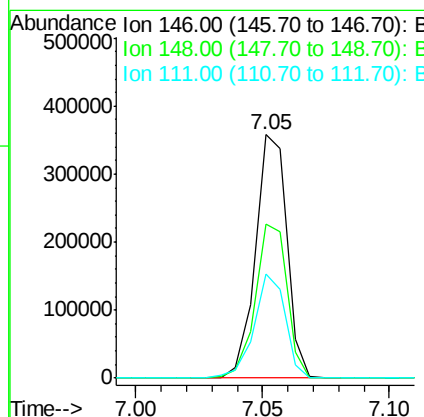
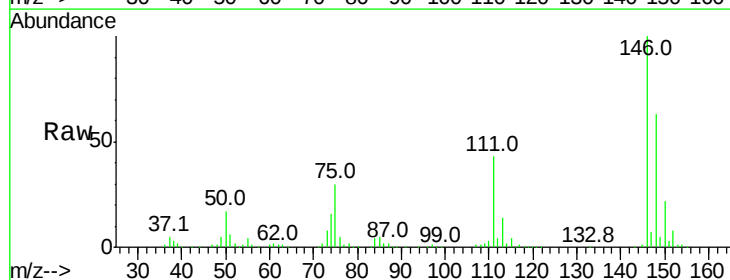
RT: 7.05 min Scan# 844

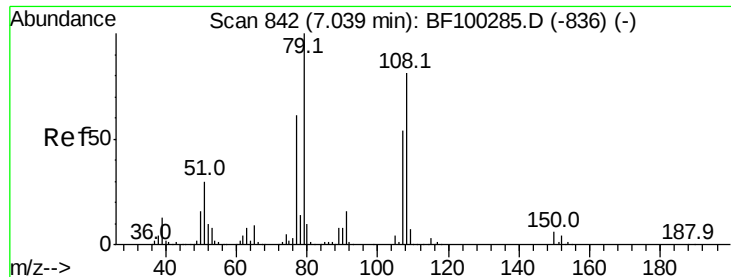
Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	146	Resp:	310232
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.233 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

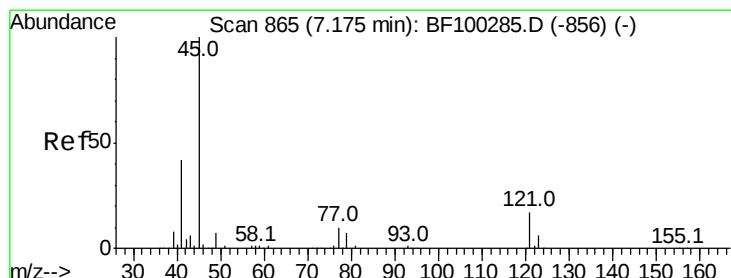
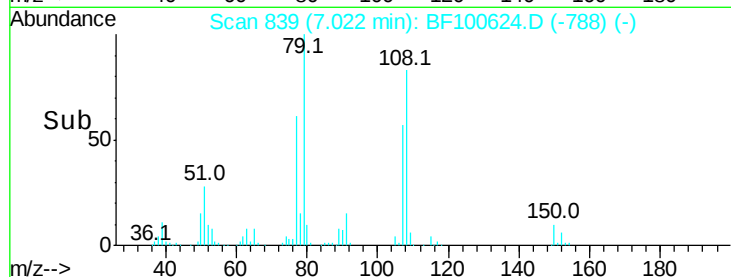
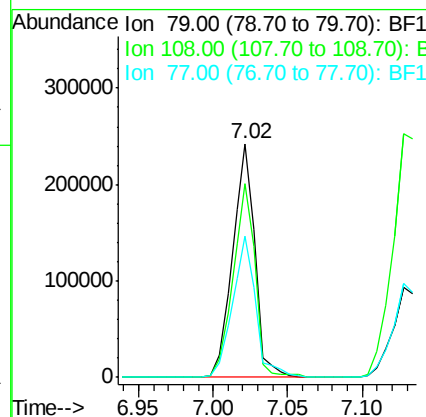
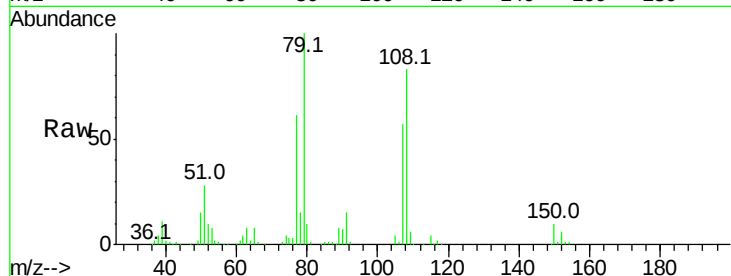
ClientSampleId :

PB104287BS

Tot Ion	79	Resp	256226
Ion Ratio	Lower	Upper	
79	100		
108	82.6	65.1	97.7
77	60.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.200 ng

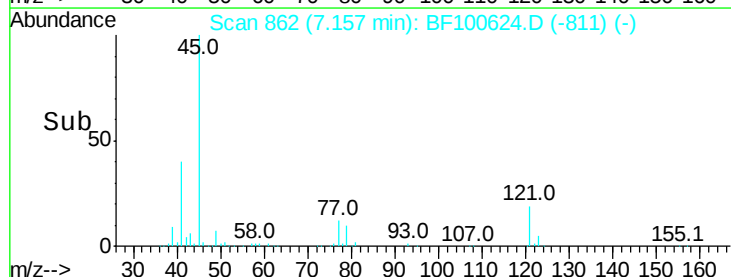
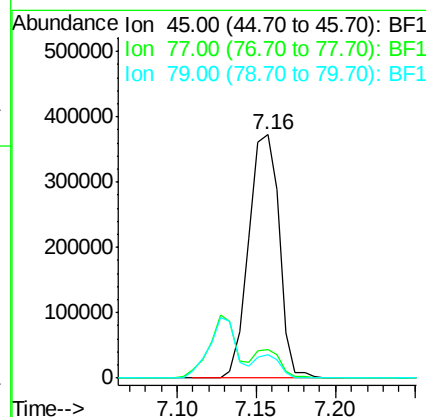
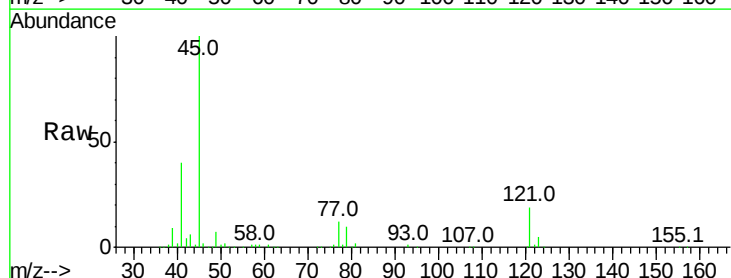
RT: 7.16 min Scan# 862

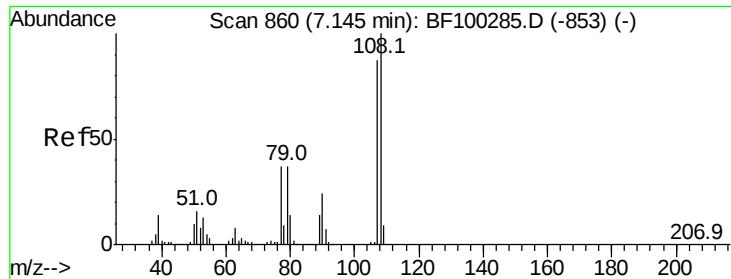
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion	45	Resp	496320
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	32.9
79	9.6	0.0	29.6





#17

2-Methylphenol

Concen: 43.430 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

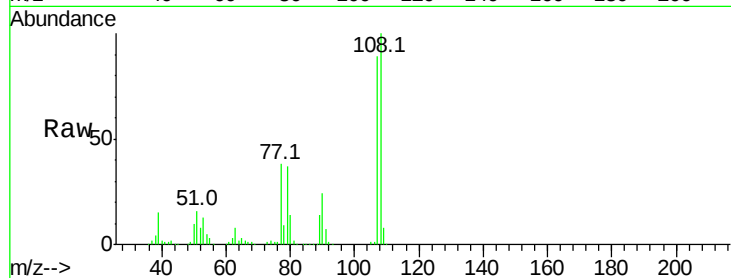
ClientSampleId :

PB104287BS

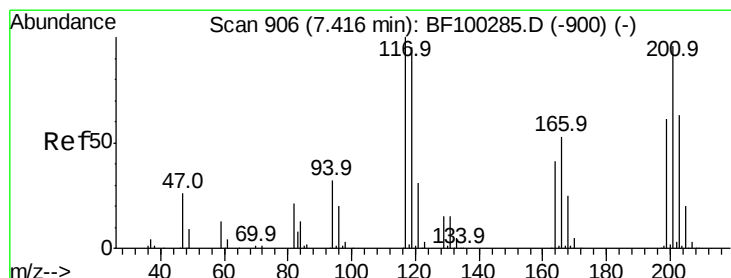
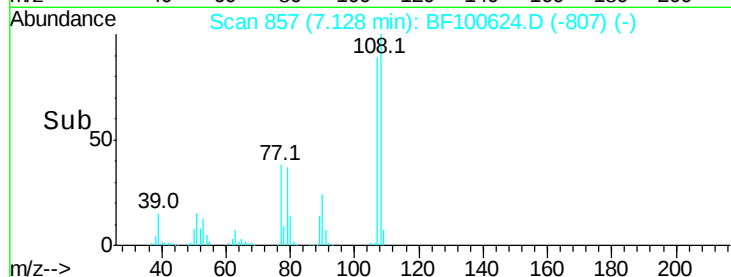
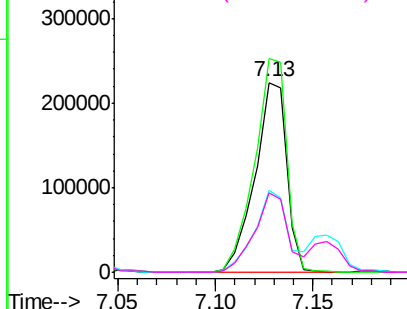
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.7	137.5	
77	43.2	33.8	50.8	
79	41.5	33.8	50.8	

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



#18

Hexachloroethane

Concen: 42.759 ng

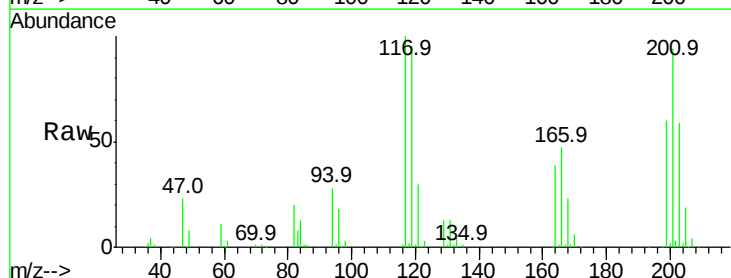
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

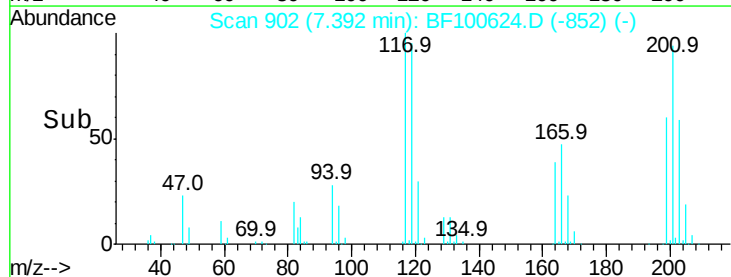
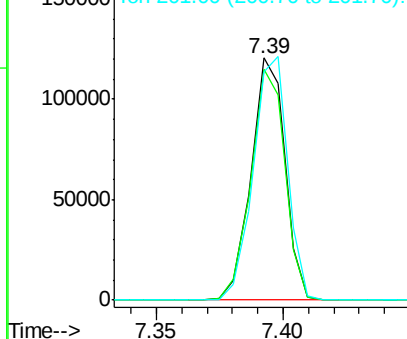
Lab File: BF100624.D

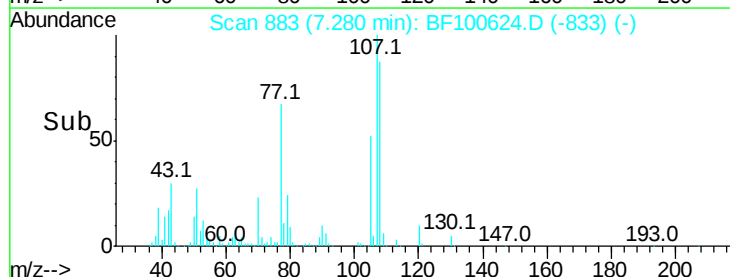
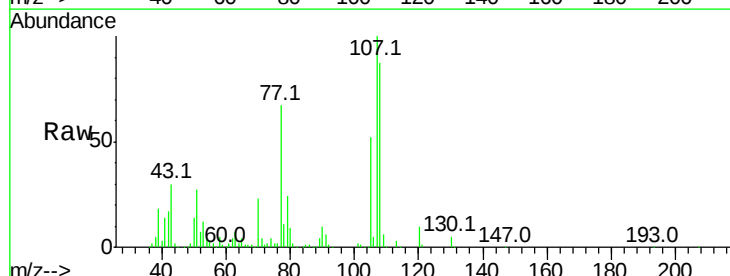
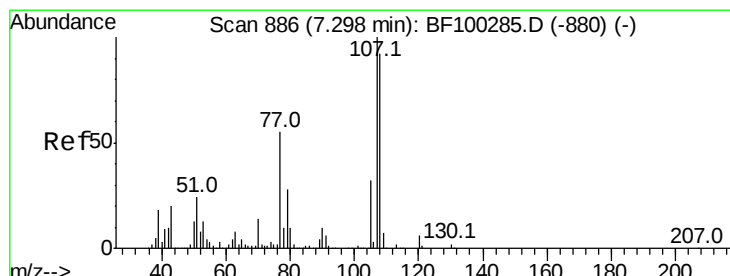
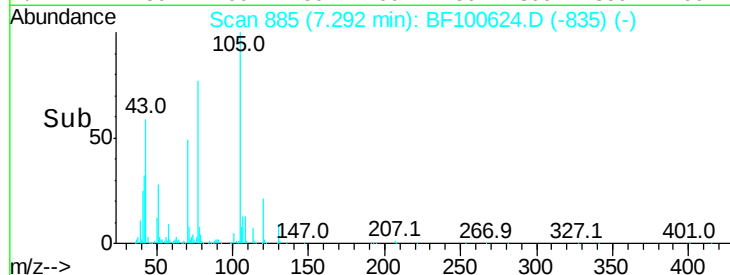
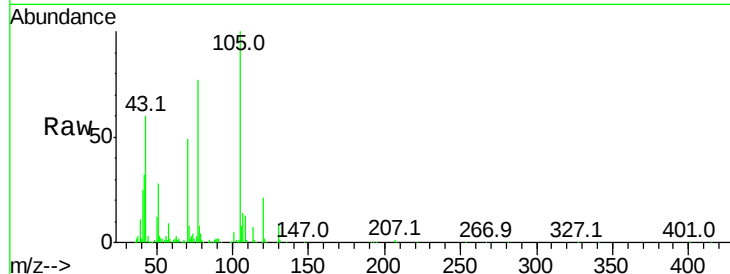
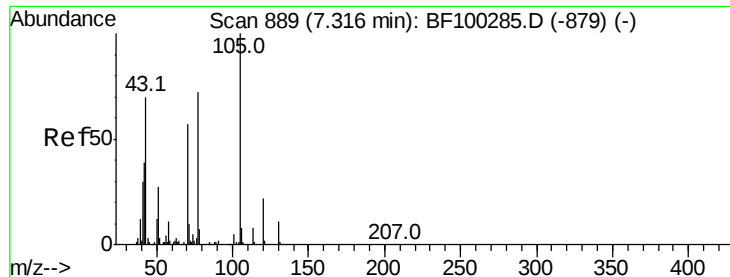
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	94.4	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.569 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF100624.D

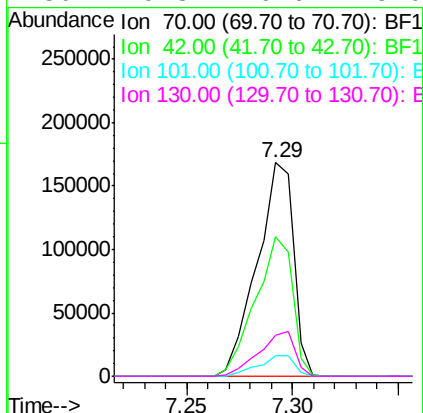
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampled :
PB104287BS

Tot Ion	70	Resp	201925
Ion Ratio	Lower	Upper	
70	100		
42	65.2	47.5	71.3
101	9.4	7.4	11.2
130	19.3	16.6	25.0

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#20

3+4-Methylphenols

Concen: 41.048 ng

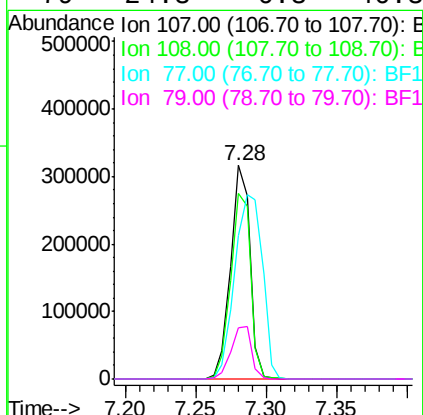
RT: 7.28 min Scan# 883

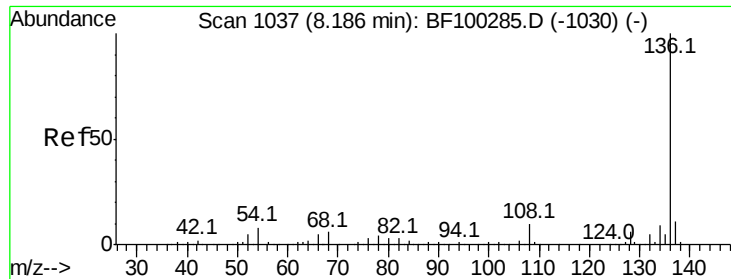
Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion	107	Resp	303205
Ion Ratio	Lower	Upper	
107	100		
108	87.0	68.2	108.2
77	66.8	26.7	66.7#
79	24.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

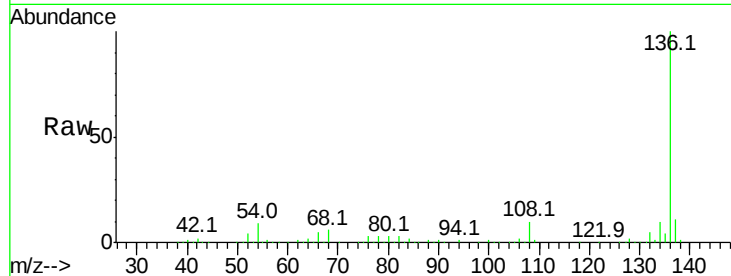
ClientSampleId :

PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	409783		
137	11.4		8.9	13.3
54	8.7		6.6	9.8
68	5.9		5.0	7.4

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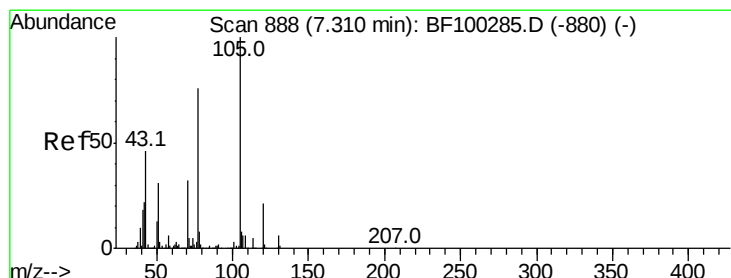
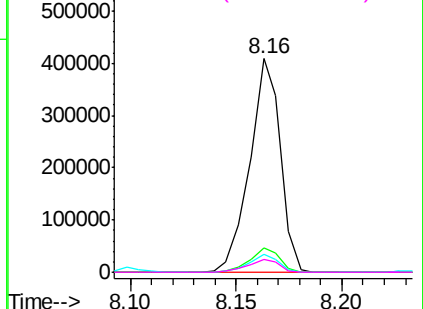
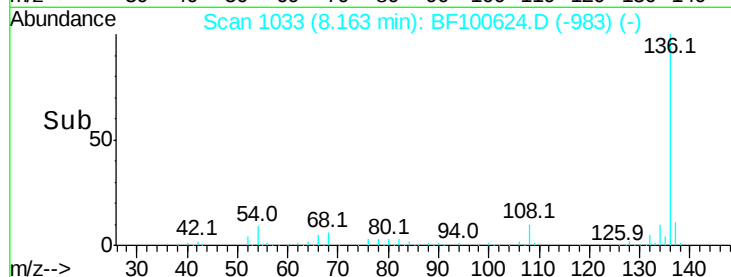
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.442 ng

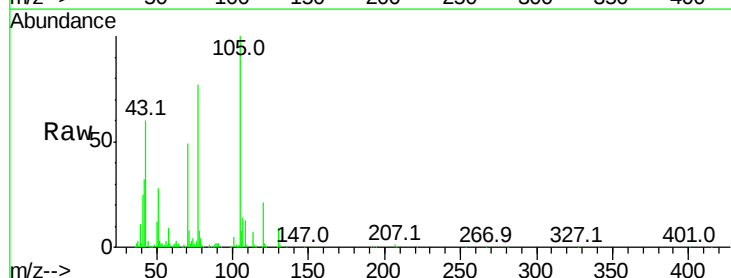
RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	394127		
71	8.2		4.4	6.6#
51	28.4		22.3	33.5
120	21.4		16.9	25.3



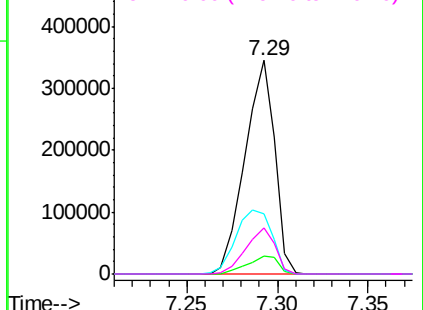
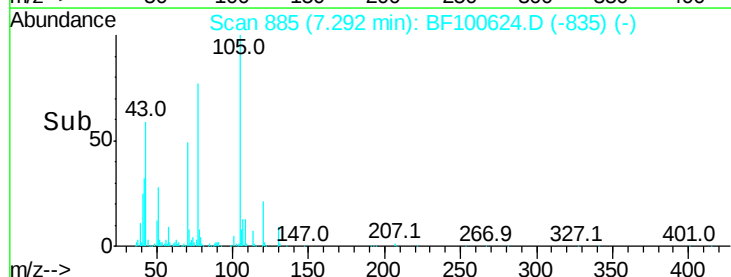
Abundance

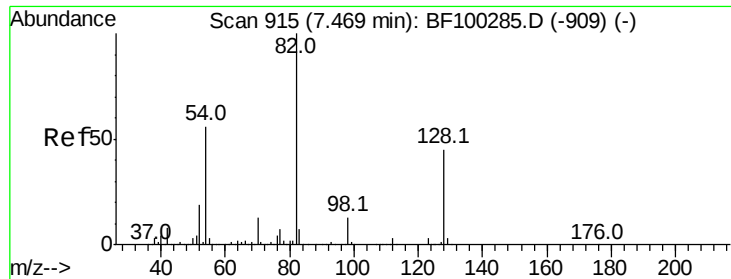
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





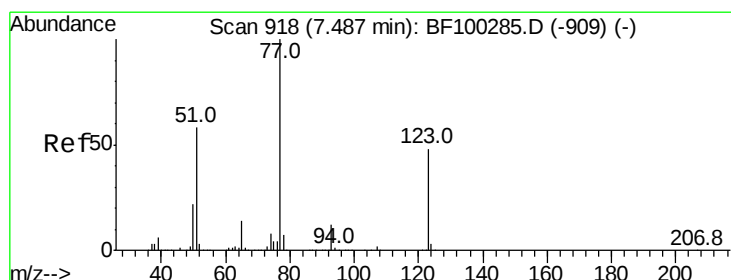
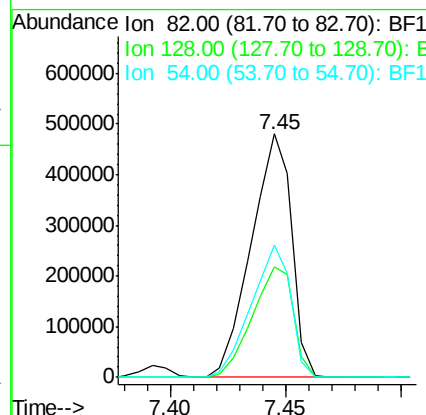
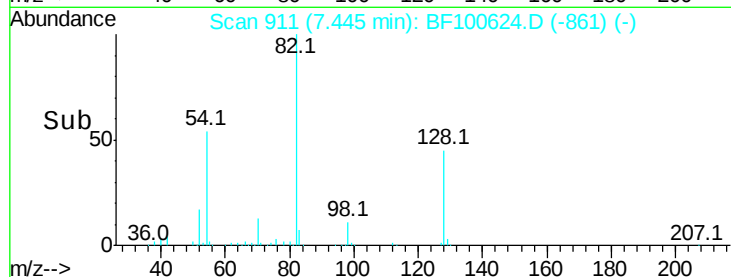
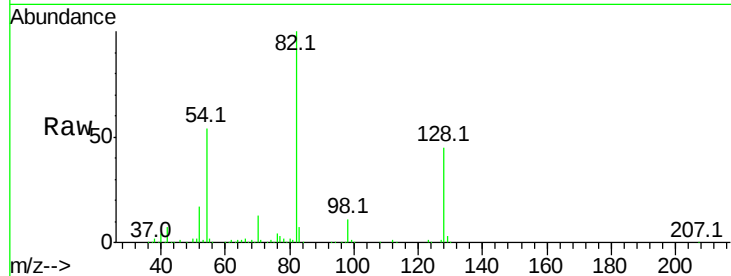
#23
 Nitrobenzene-d5
 Concen: 94.280 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.2	41.4	62.2

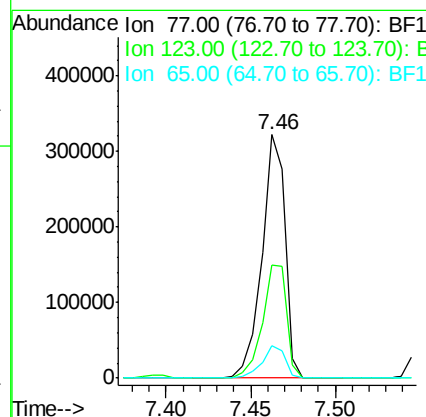
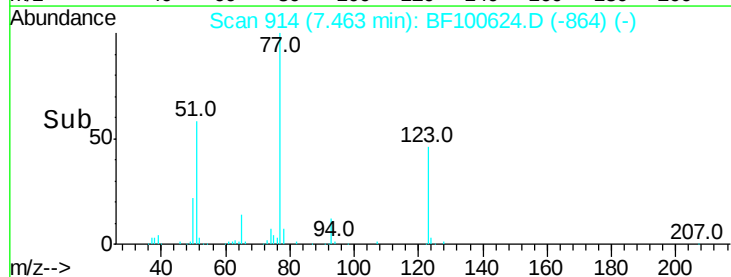
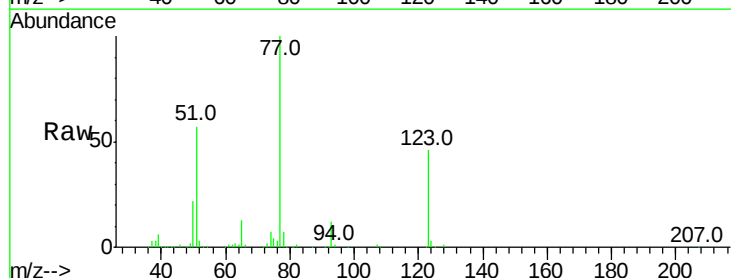
Manual Integrations
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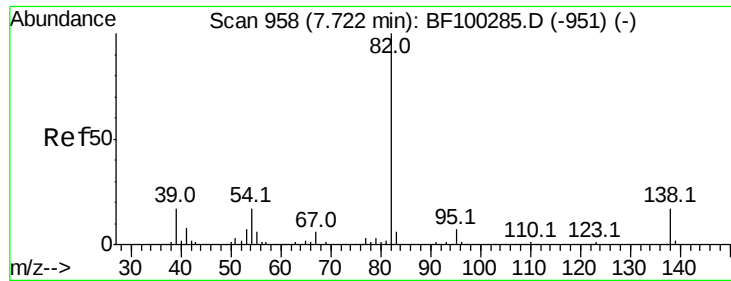
SOHIL
 11/17/2017 1:24:34 PM



#24
 Nitrobenzene
 Concen: 48.073 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 43.472 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

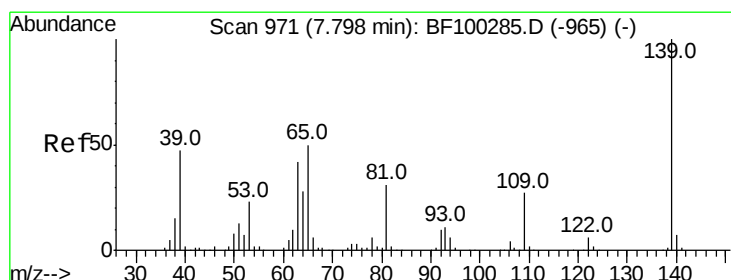
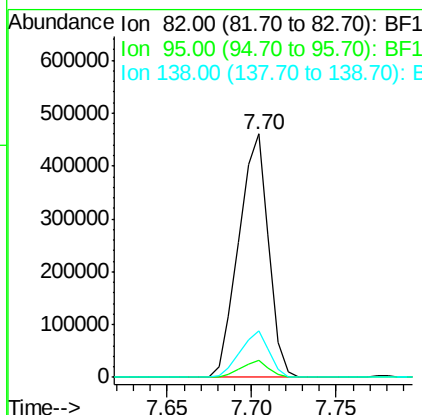
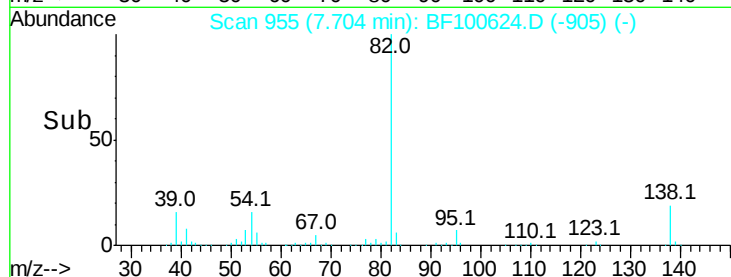
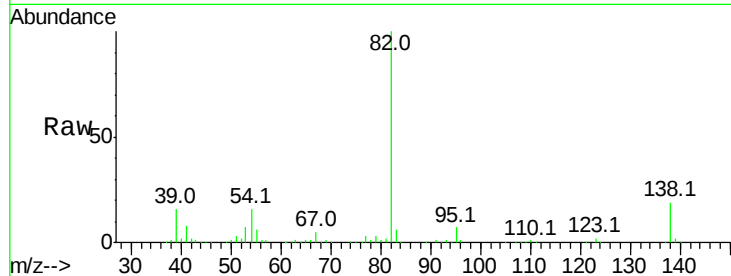
ClientSampleId :

PB104287BS

Tot Ion:	82	Resp:	566216
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
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SOHIL
11/17/2017 1:24:34 PM



#26

2-Nitrophenol

Concen: 54.775 ng

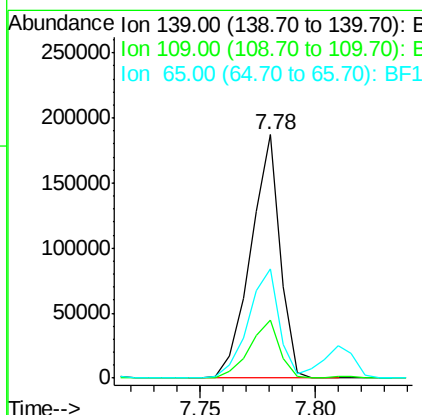
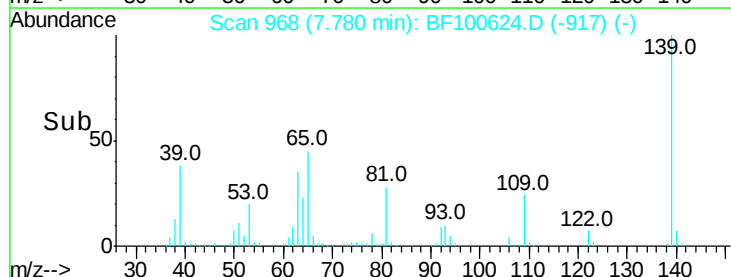
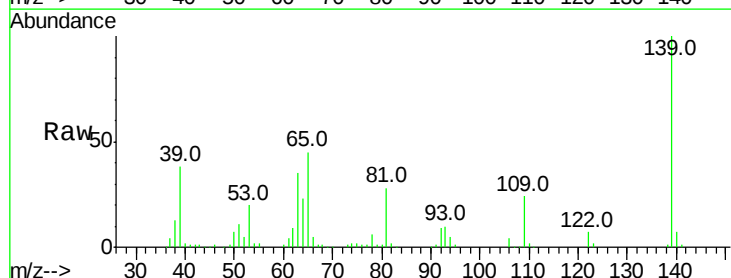
RT: 7.78 min Scan# 968

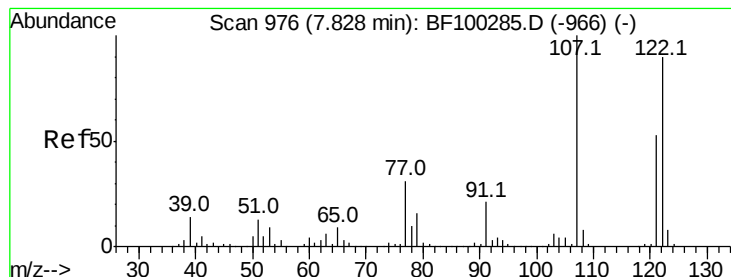
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	139	Resp:	166393
Ion Ratio	Lower	Upper	
139	100		
109	23.9	22.7	34.1
65	45.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 48.824 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

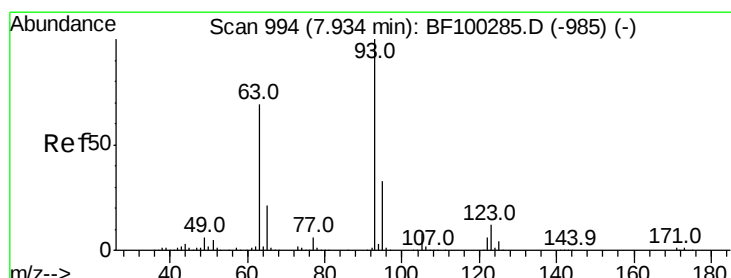
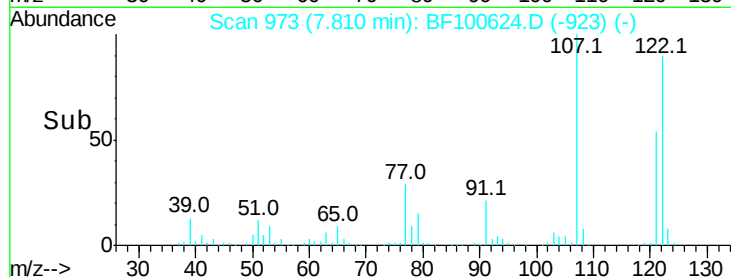
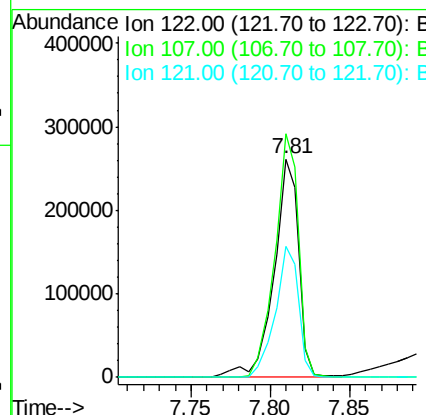
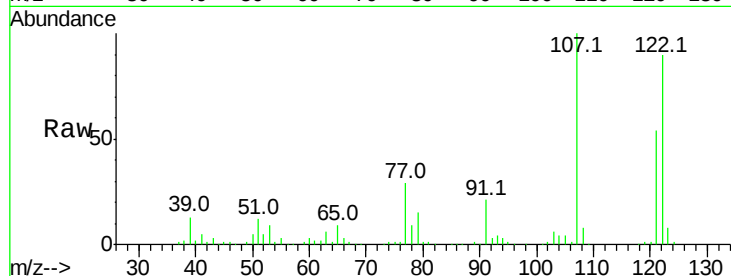
ClientSampled :

PB104287BS

Tot Ion:	122	Resp:	285075
Ion Ratio	Lower	Upper	
122	100		
107	111.6	91.2	136.8
121	59.8	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 42.223 ng

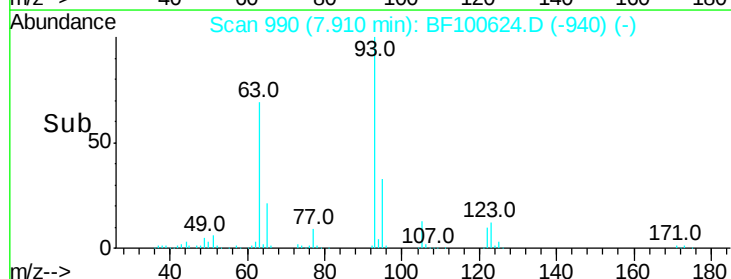
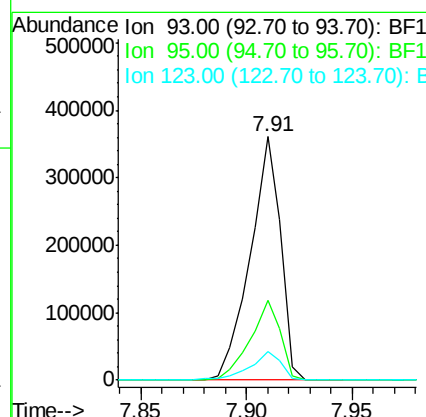
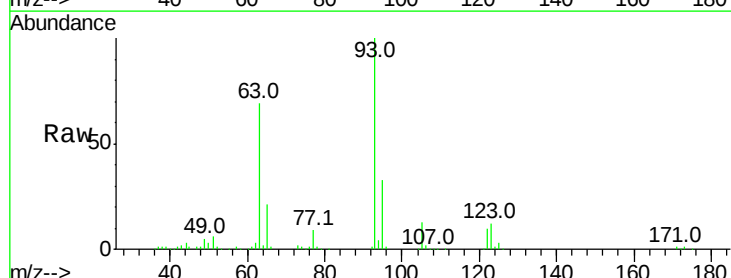
RT: 7.91 min Scan# 990

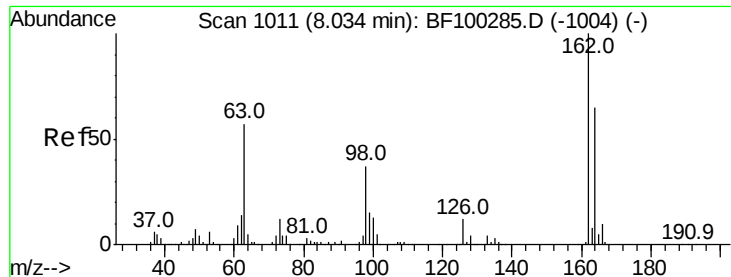
Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	93	Resp:	359732
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.7	9.8	14.6





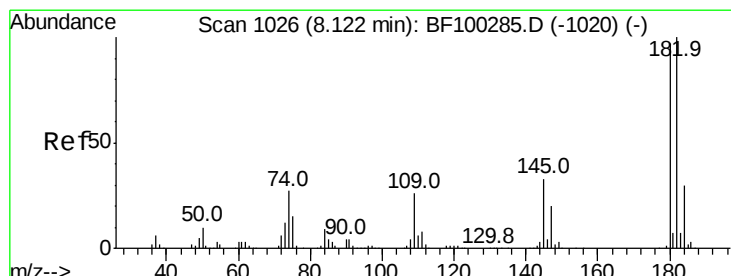
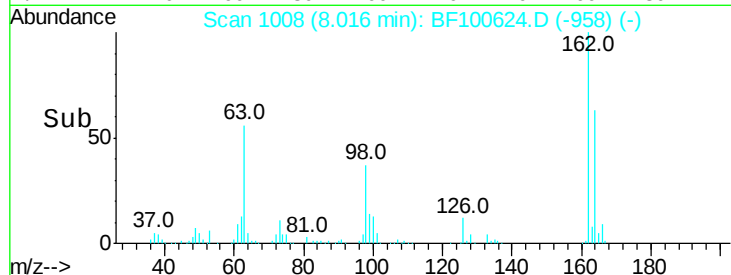
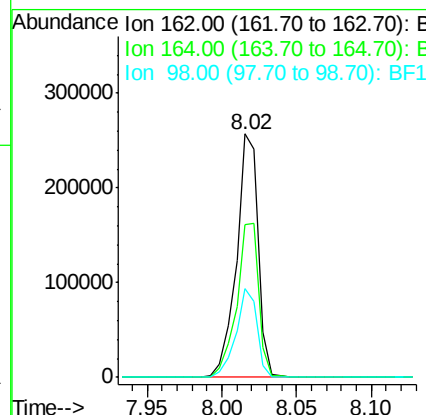
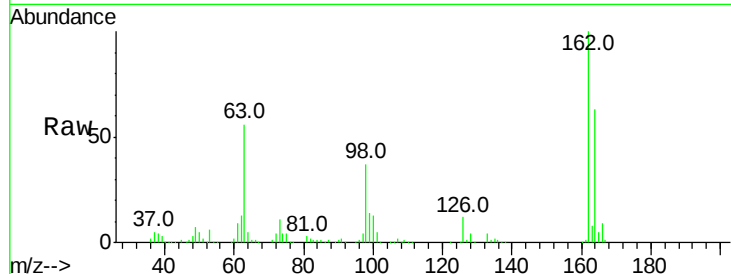
#29
2,4-Dichlorophenol
Concen: 47.308 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	263696		
164	63.0	42.7	82.7	
98	36.6	18.1	58.1	

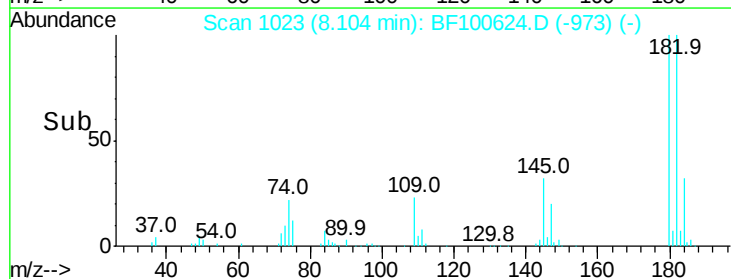
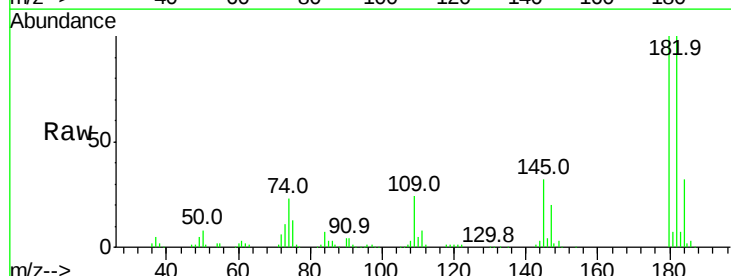
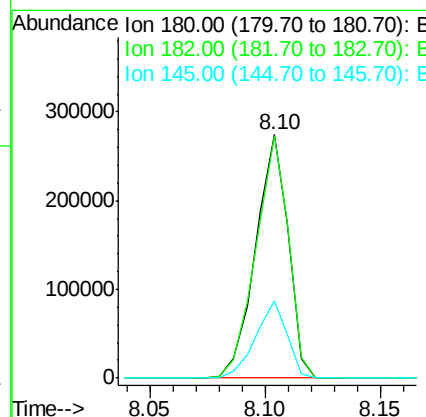
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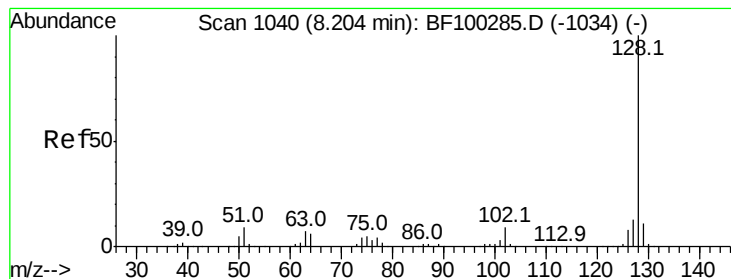
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#30
1,2,4-Trichlorobenzene
Concen: 44.840 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270360		
182	99.7	76.8	115.2	
145	31.7	26.5	39.7	





#31

Naphthalene

Concen: 43.221 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

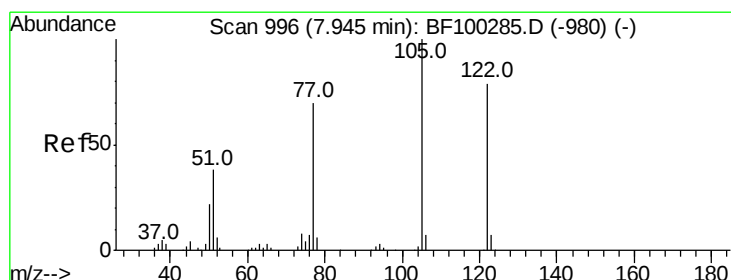
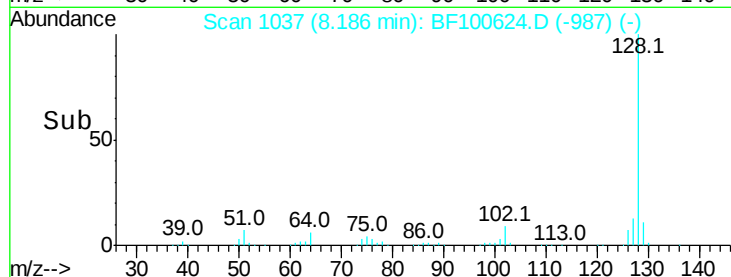
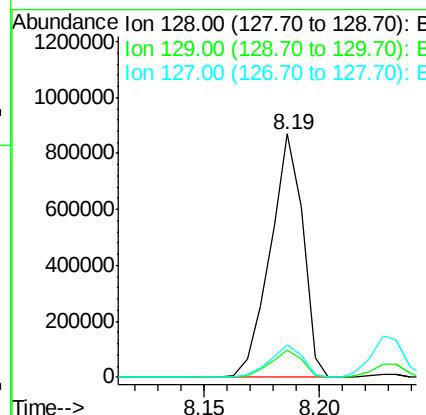
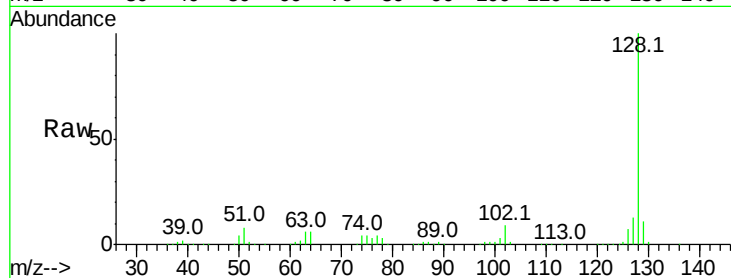
ClientSampled :

PB104287BS

Tot Ion:	128	Resp:	853071
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.2	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 24.194 ng

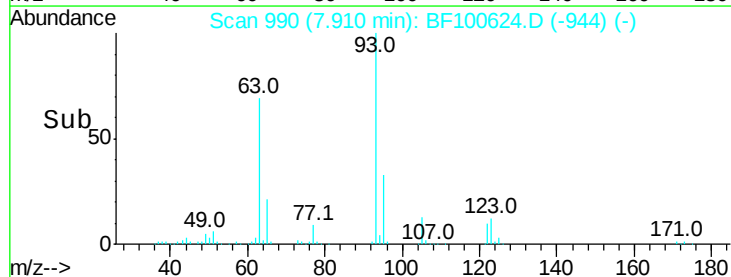
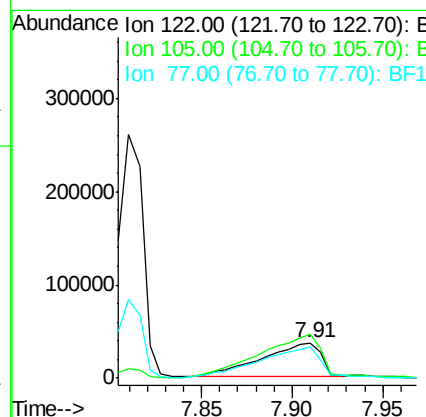
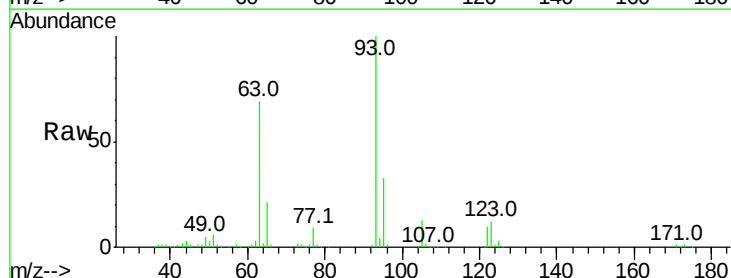
RT: 7.91 min Scan# 990

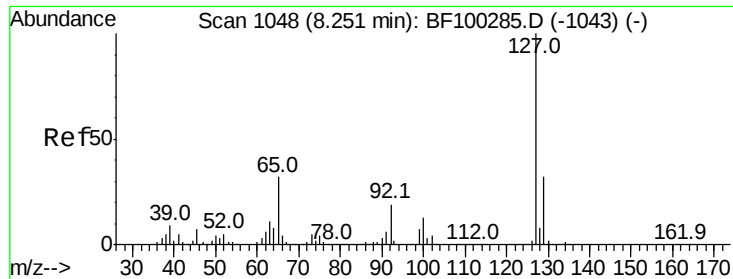
Delta R.T. -0.03 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	122	Resp:	82354
Ion Ratio	Lower	Upper	
122	100		
105	123.5	101.1	141.1
77	88.3	70.7	110.7





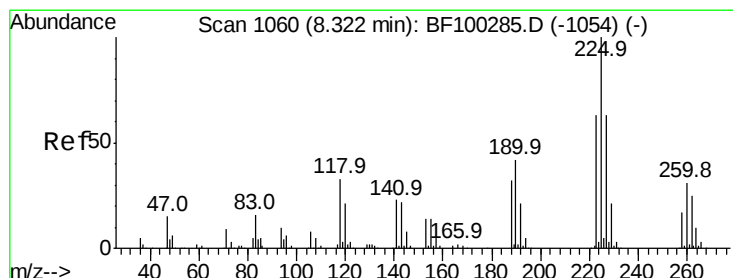
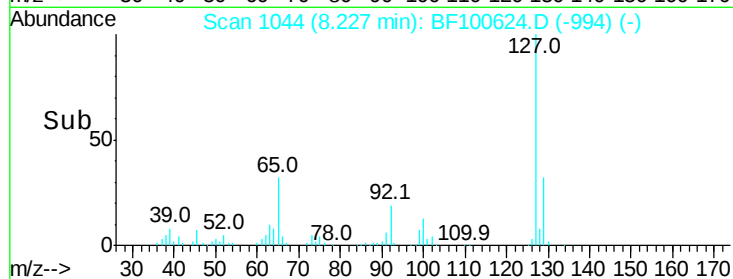
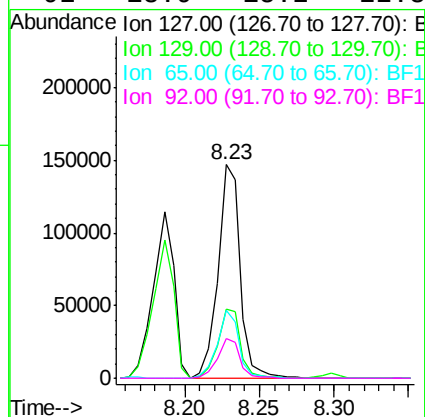
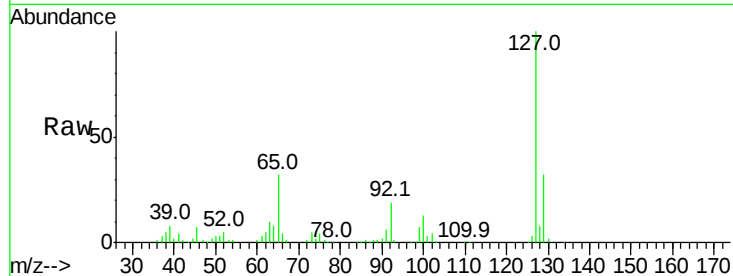
#33
 4-Chloroaniline
 Concen: 18.628 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.9	25.0	37.4
92	18.9	15.2	22.8

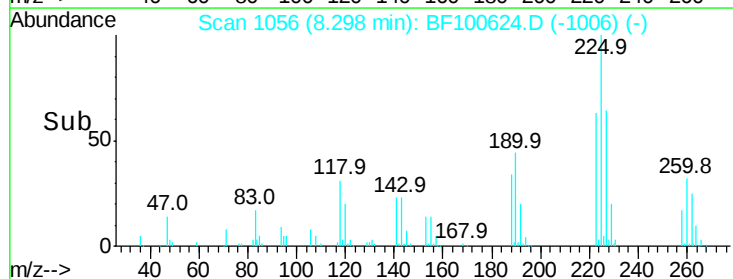
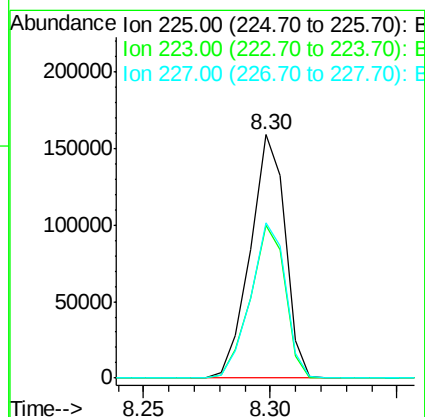
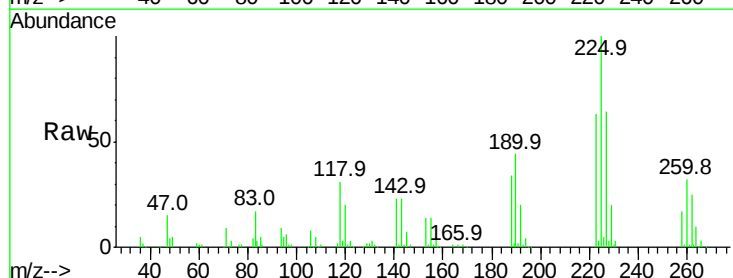
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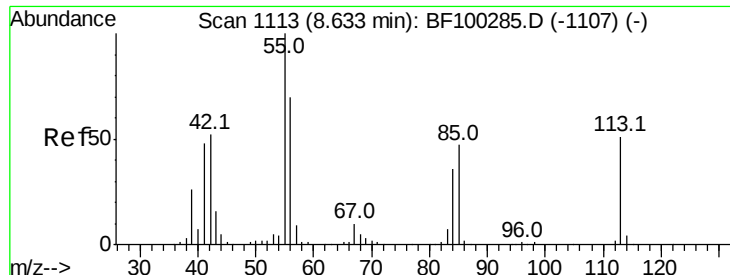
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#34
 Hexachlorobutadiene
 Concen: 42.611 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.6	51.9	77.9





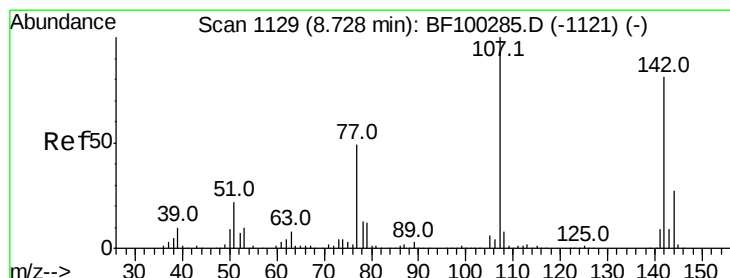
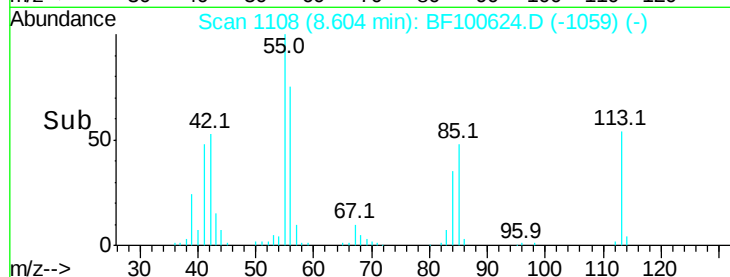
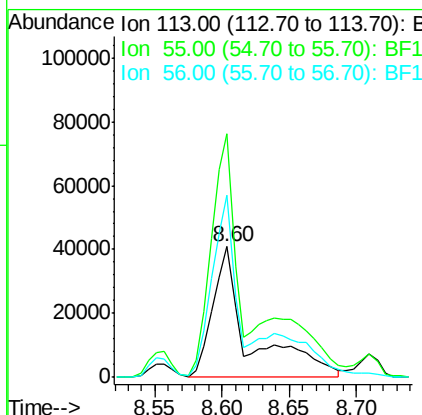
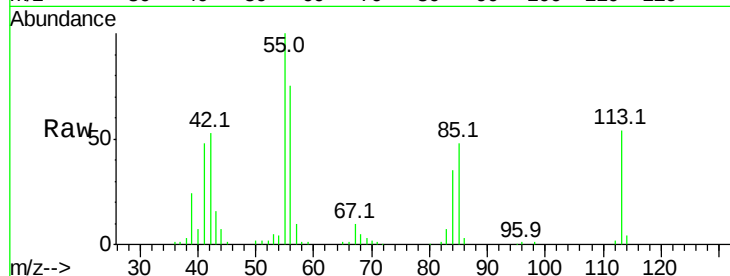
#35
 Caprolactam
 Concen: 40.475 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleID :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.9	163.3	203.3
56	139.2	115.7	155.7

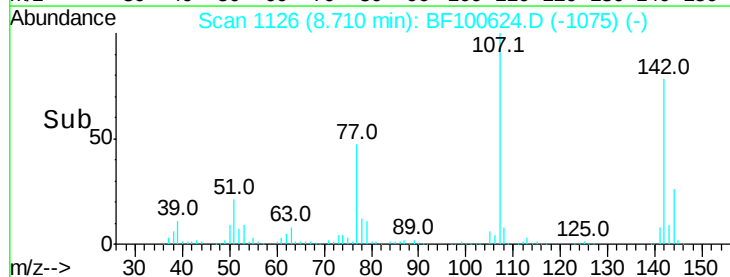
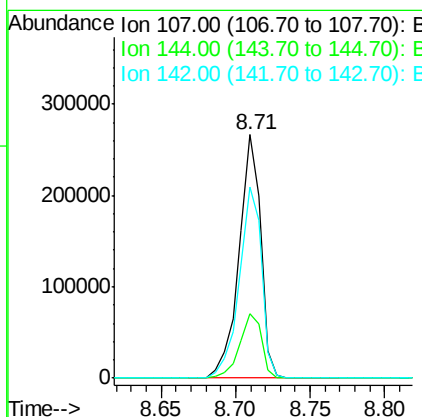
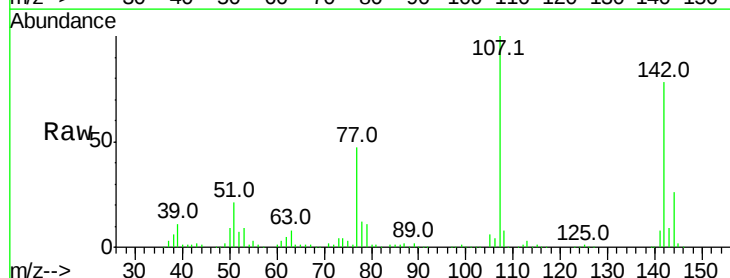
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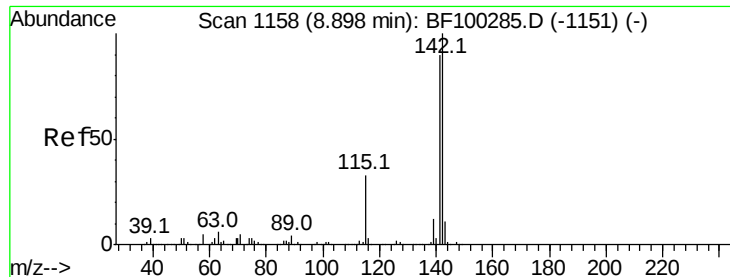
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#36
 4-Chloro-3-methylphenol
 Concen: 45.050 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	78.4	62.0	93.0





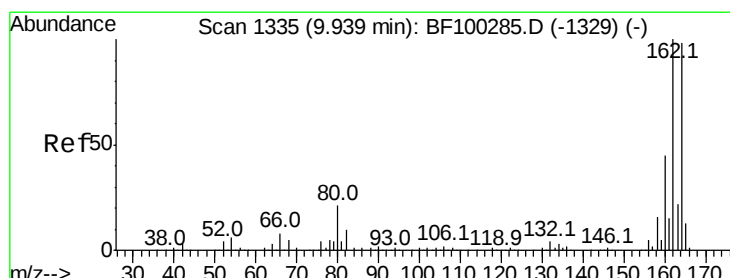
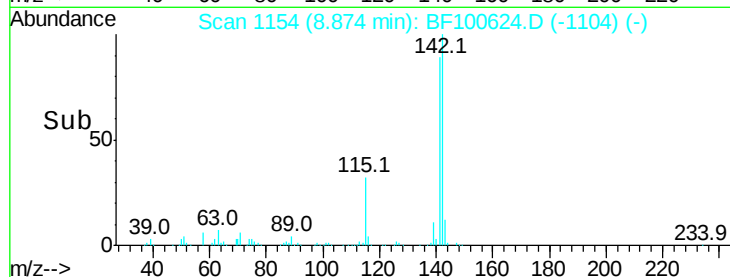
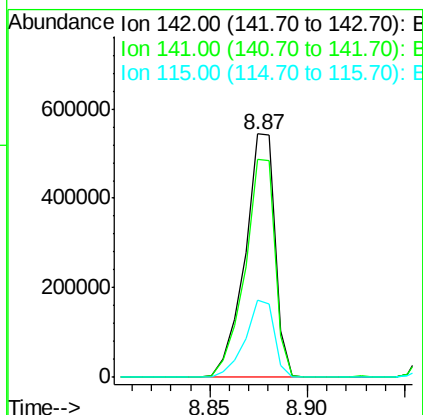
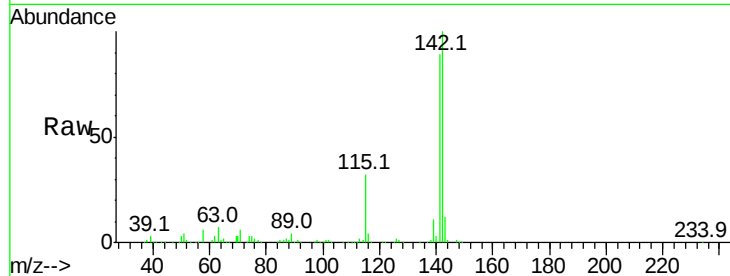
#37
2-Methylnaphthalene
Concen: 44.330 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.6	26.1	39.1

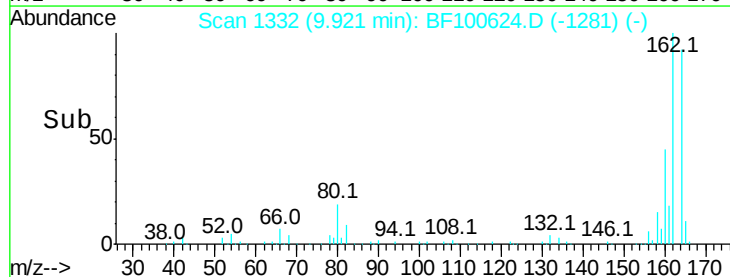
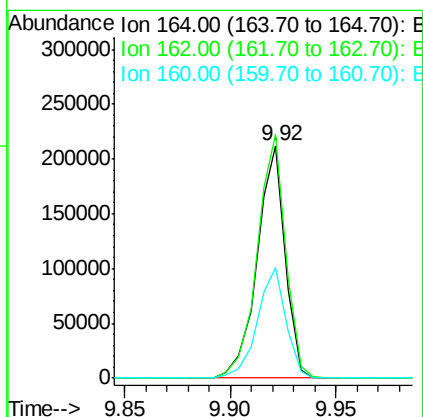
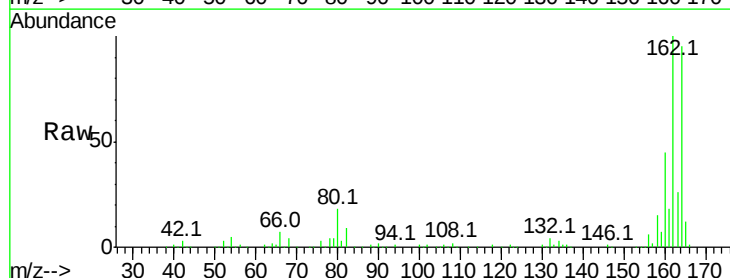
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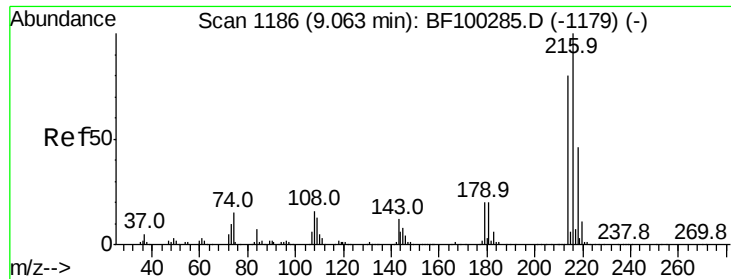
SOHIL
11/17/2017 1:24:34 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.3	38.3	57.5





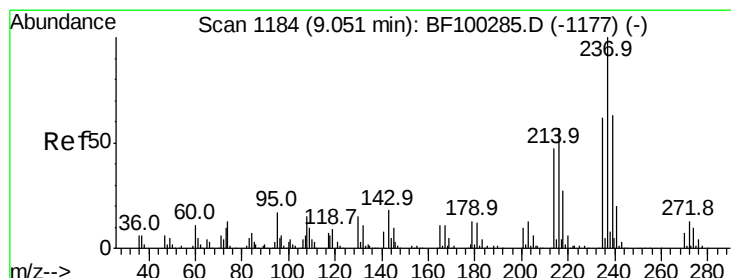
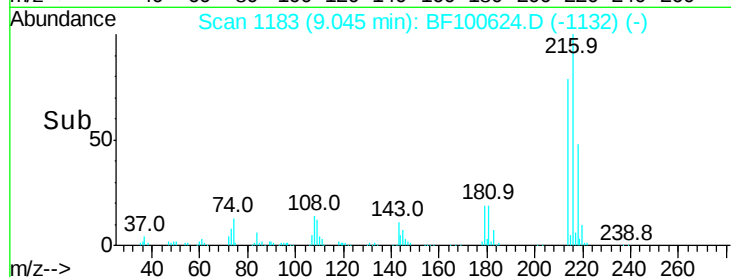
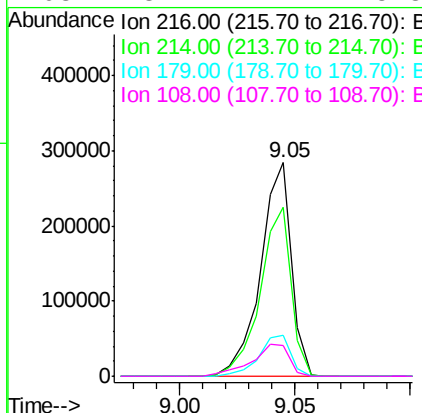
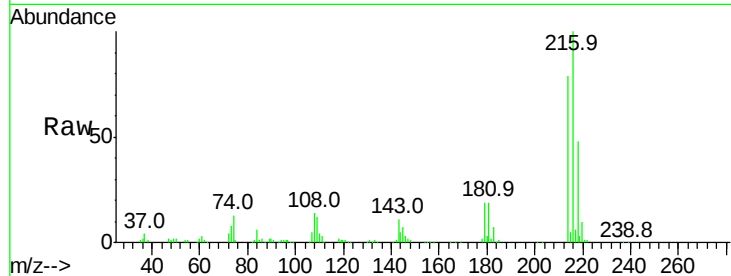
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.041 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	265094		
214	79.2	63.0	94.4	
179	20.2	18.1	27.1	
108	18.1	17.2	25.8	

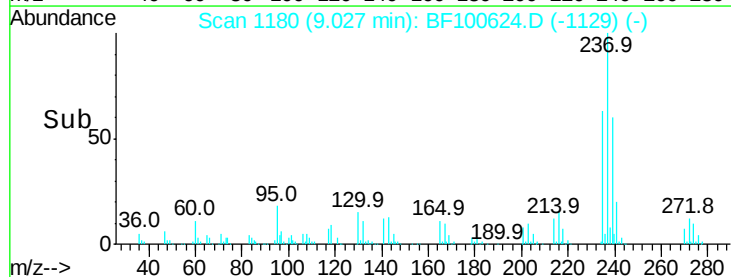
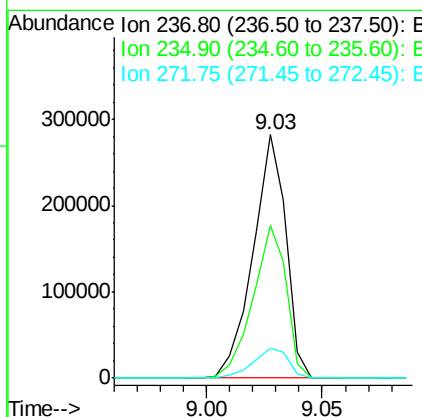
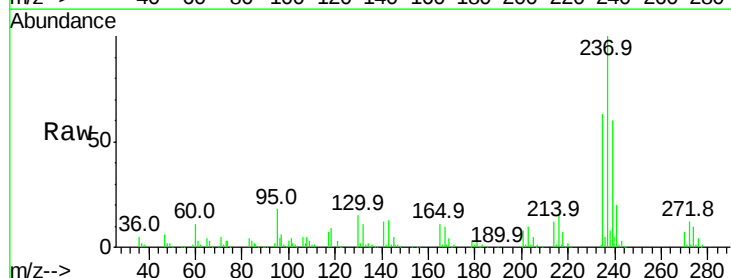
Manual Integrations
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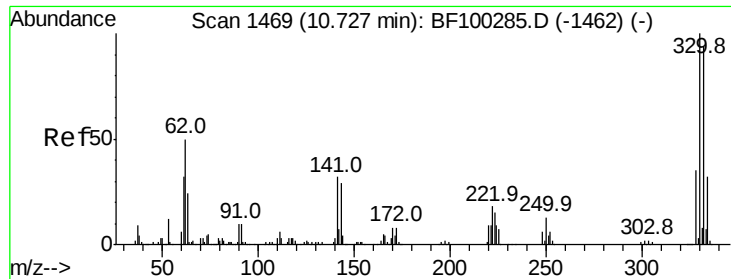
SOHIL
11/17/2017 1:24:34 PM



#40
Hexachlorocyclopentadiene
Concen: 92.234 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	280396		
235	62.8	44.8	84.8	
272	12.3	0.0	33.3	





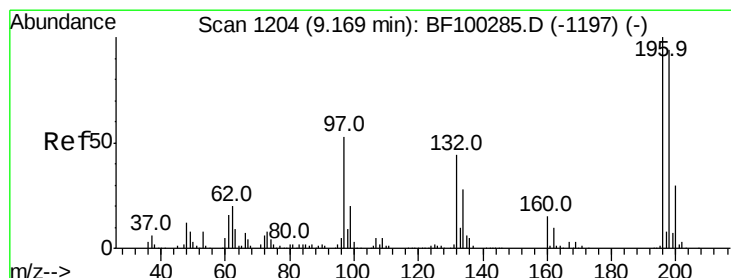
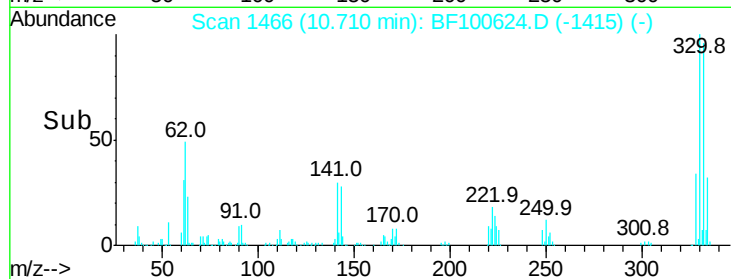
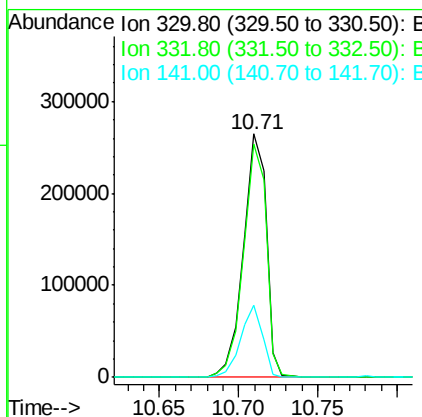
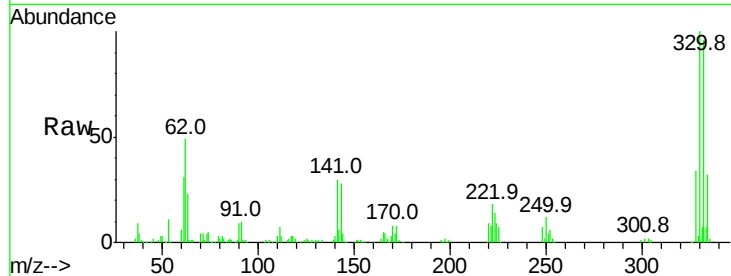
#41
 2,4,6-Tribromophenol
 Concen: 133.873 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	265687		
332	95.6	77.0	115.6	
141	28.5	29.9	44.9	

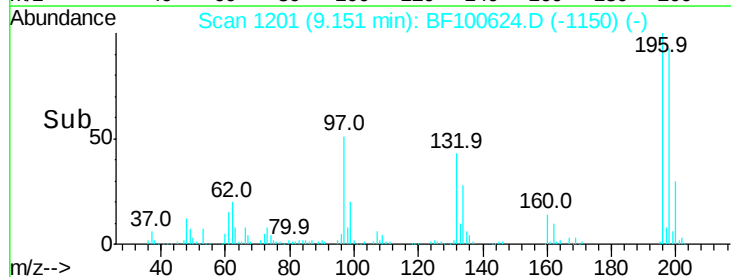
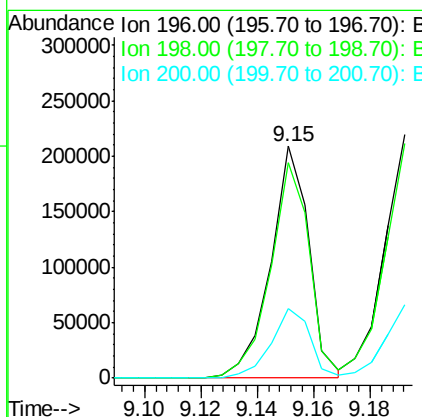
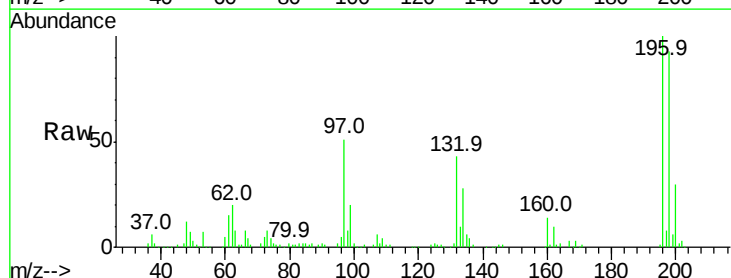
Manual Integrations
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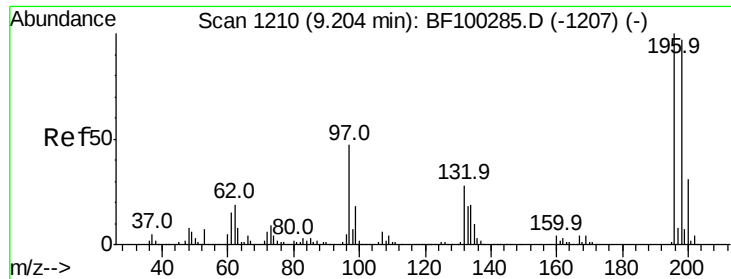
SOHIL
 11/17/2017 1:24:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.136 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197059		
198	92.9	75.7	113.5	
200	30.1	24.5	36.7	





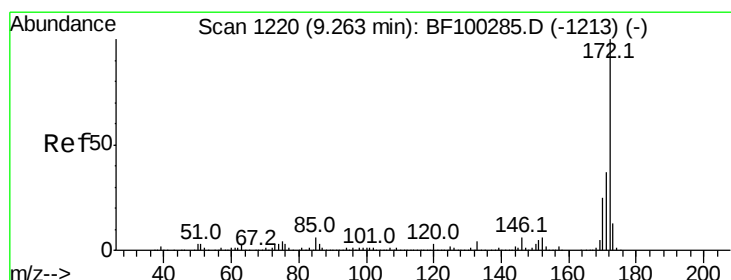
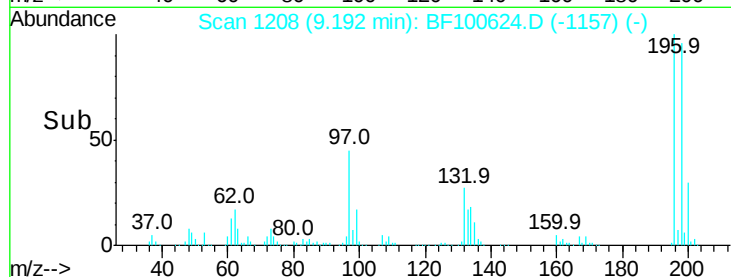
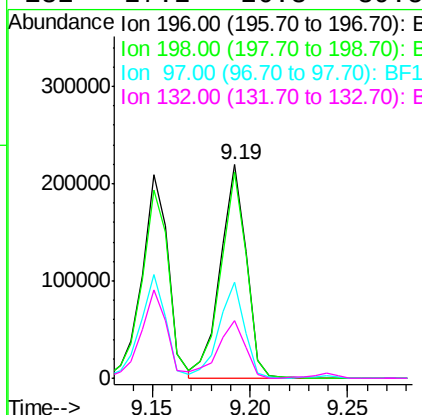
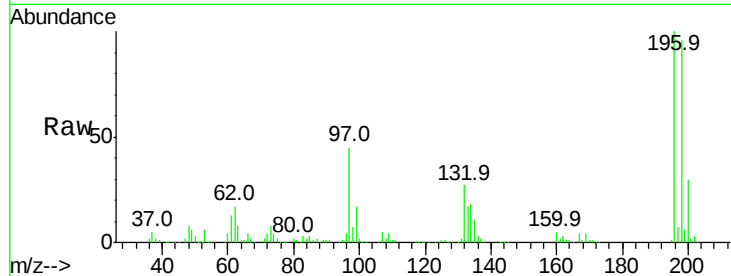
#43
 2,4,5-Trichlorophenol
 Concen: 47.837 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202901		
198	96.2	74.6	112.0	
97	44.9	42.9	64.3	
132	27.2	26.3	39.5	

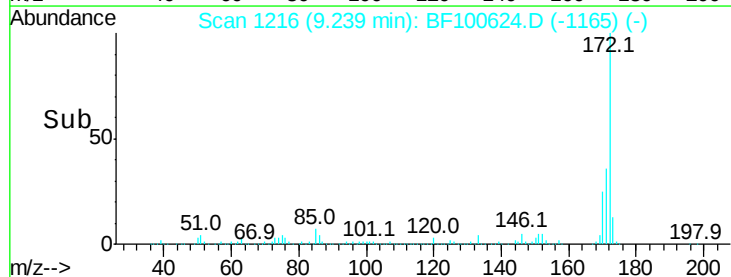
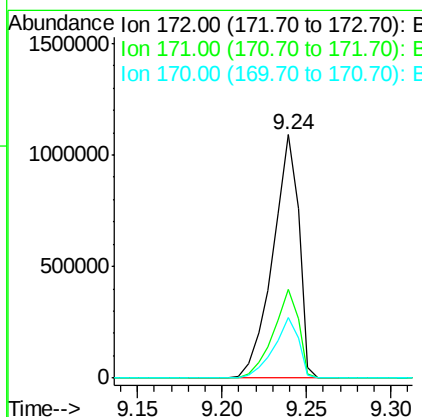
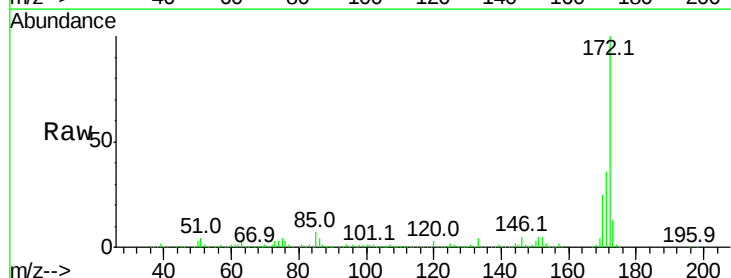
Manual Integrations
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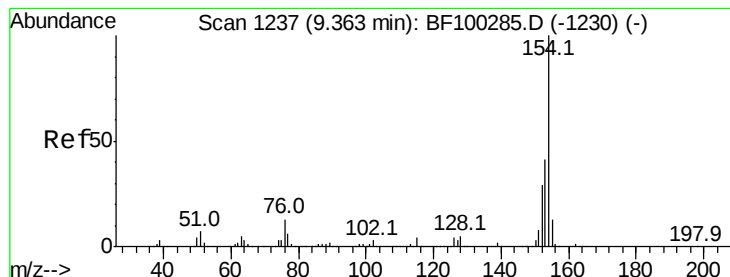
SOHIL
 11/17/2017 1:24:34 PM



#44
 2-Fluorobiphenyl
 Concen: 90.937 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1163125		
171	36.2	29.7	44.5	
170	24.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 41.571 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

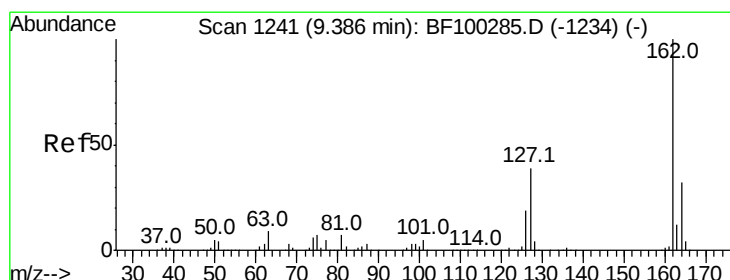
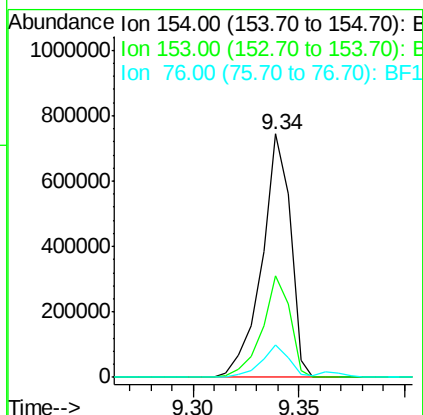
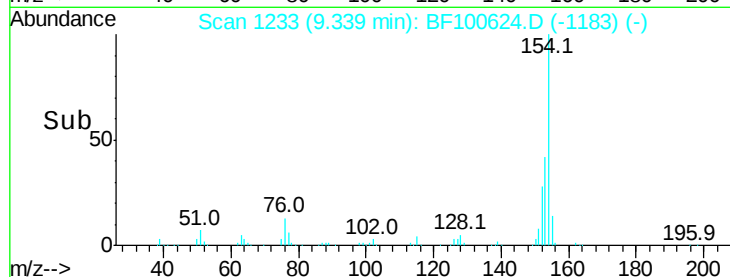
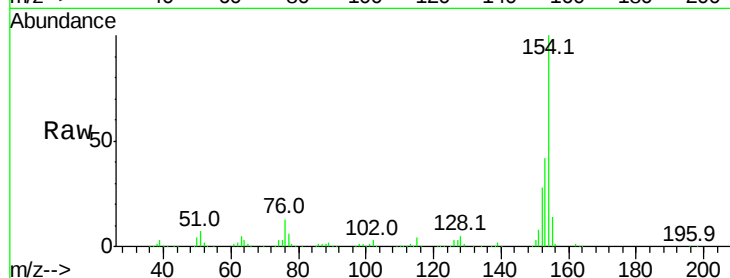
ClientSampleId :

PB104287BS

Tot Ion:	154	Resp:	700268
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.3	61.3
76	13.1	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 45.467 ng

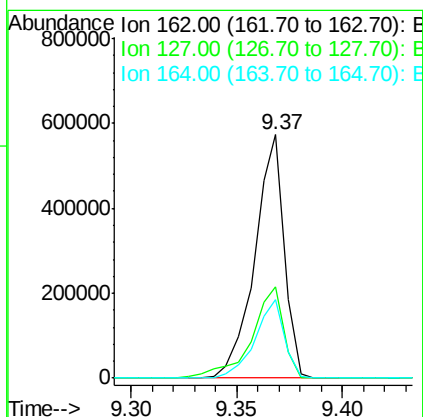
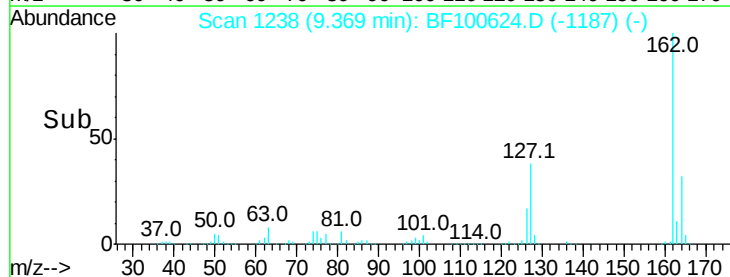
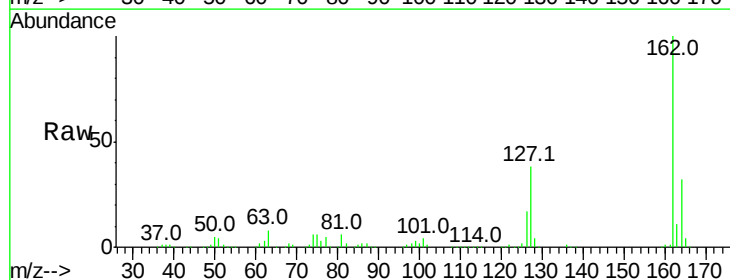
RT: 9.37 min Scan# 1238

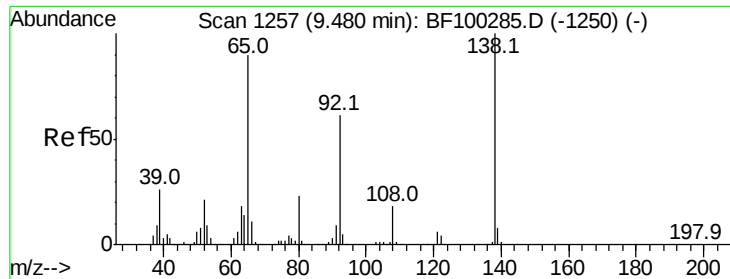
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	162	Resp:	555625
Ion Ratio	Lower	Upper	
162	100		
127	37.6	33.9	50.9
164	32.5	26.5	39.7





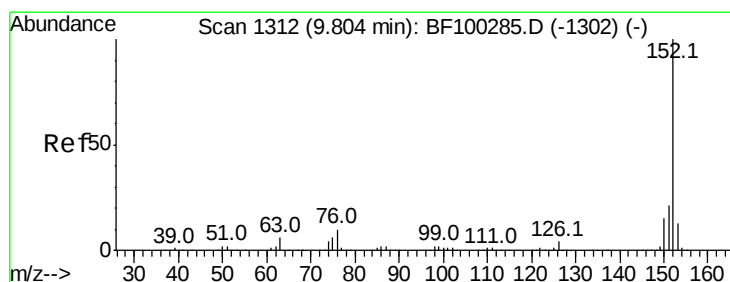
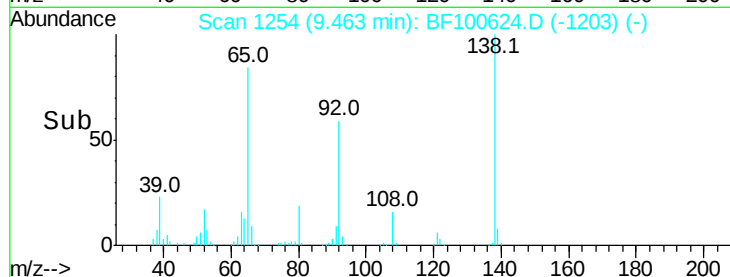
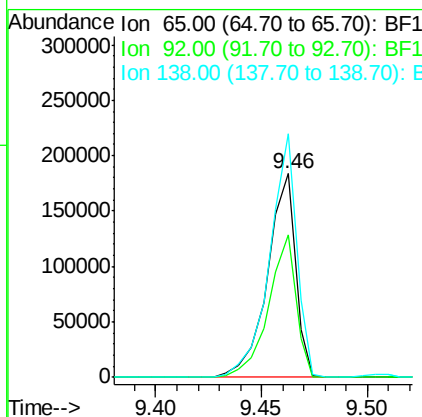
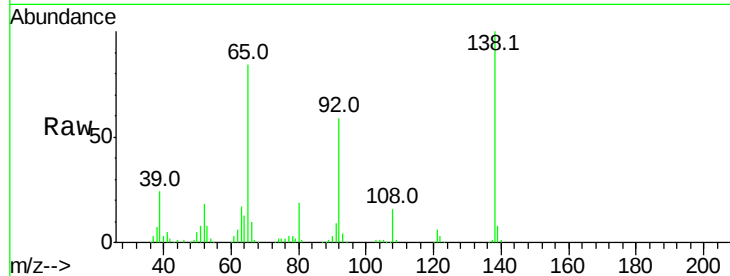
#47
2-Nitroaniline
Concen: 47.397 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampled :
PB104287BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	119.7	91.2	136.8

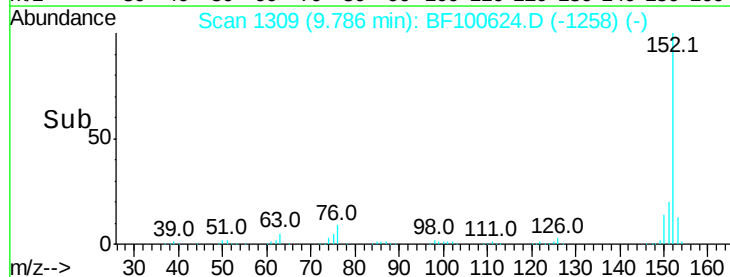
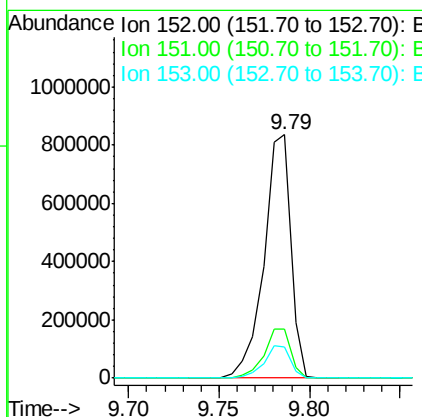
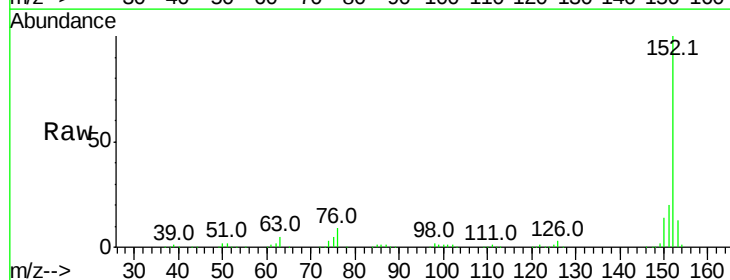
Manual Integrations
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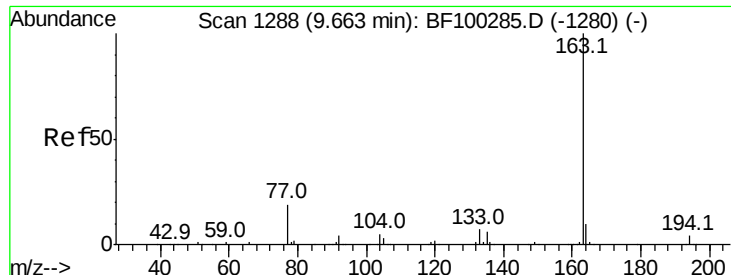
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#48
Acenaphthylene
Concen: 42.563 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.7	10.7	16.1





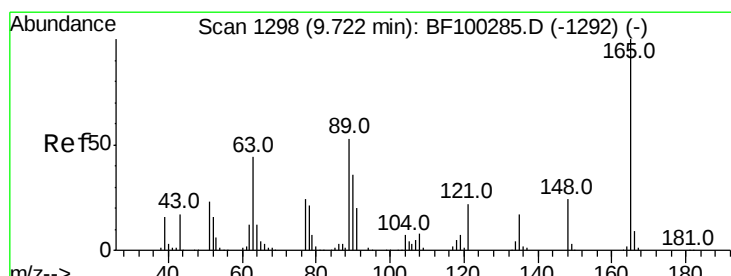
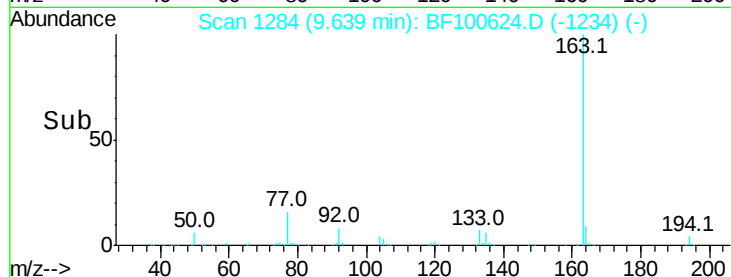
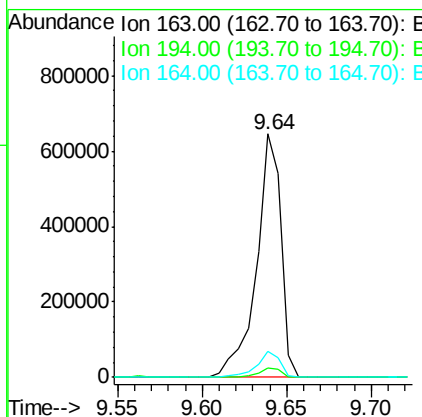
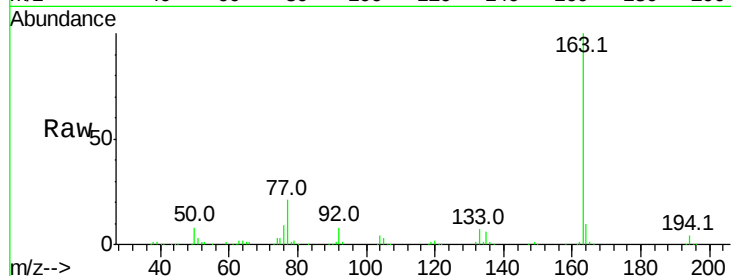
#49
Dimethylphthalate
Concen: 43.940 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	653399		
194	3.7		2.7	4.1
164	10.4		8.2	12.2

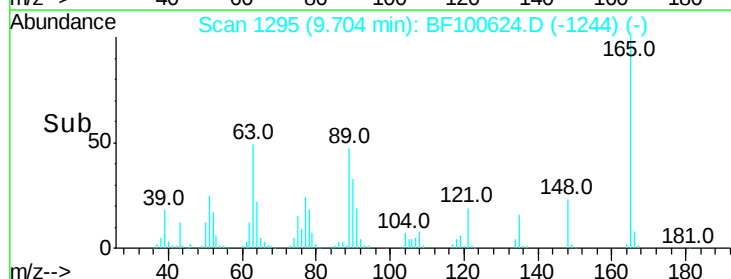
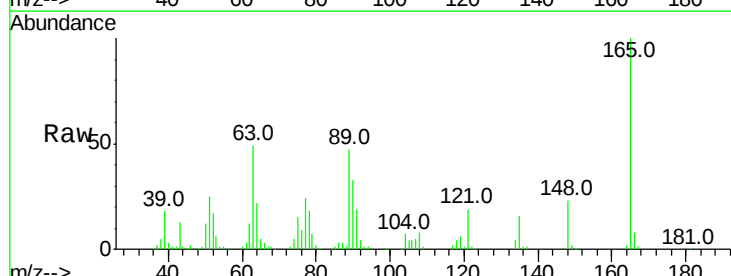
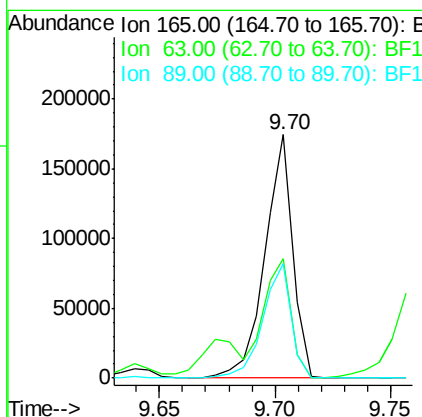
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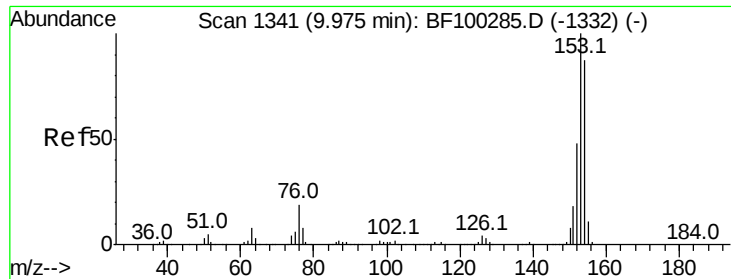
SOHIL
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#50
2,6-Dinitrotoluene
Concen: 49.596 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145986		
63	48.9		44.7	67.1
89	47.0		44.0	66.0





#51

Acenaphthene

Concen: 44.296 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

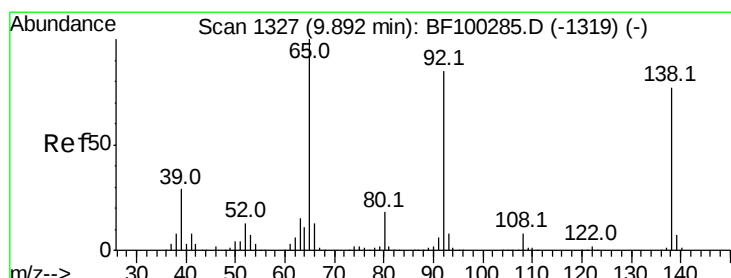
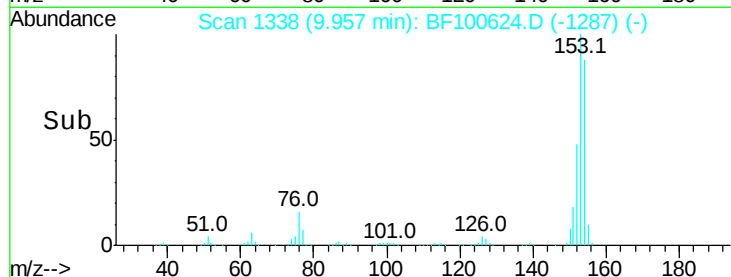
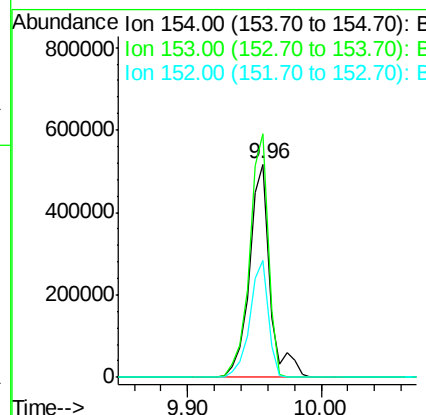
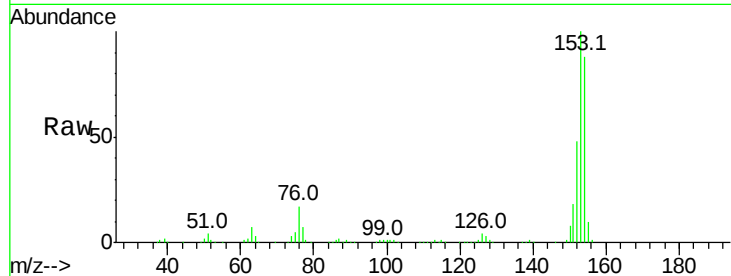
ClientSampleId :

PB104287BS

Tot Ion:	154	Resp:	545588
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.786 ng

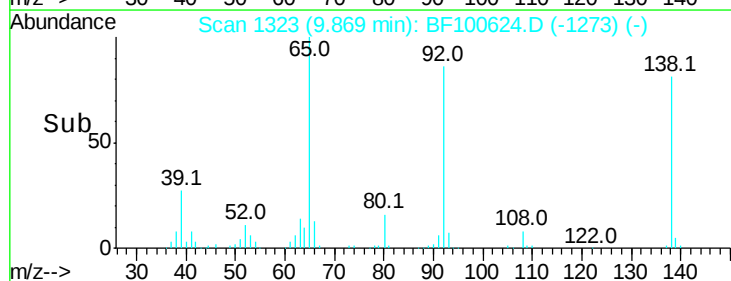
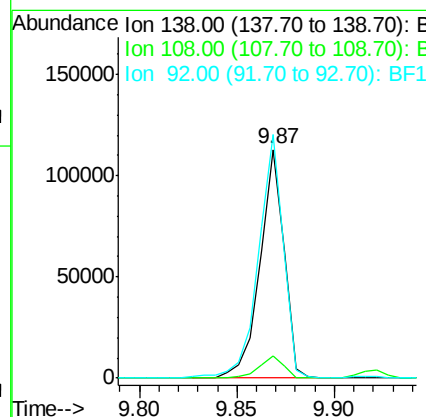
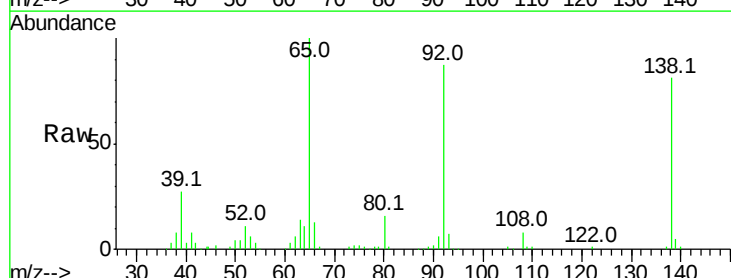
RT: 9.87 min Scan# 1323

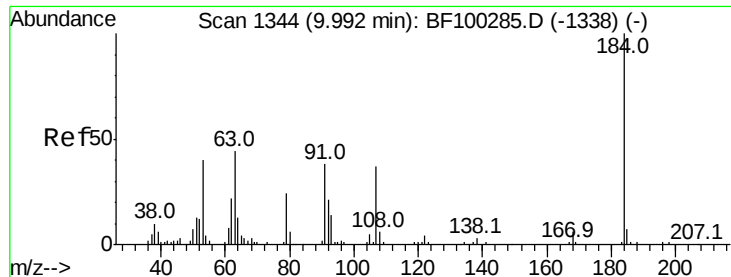
Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	138	Resp:	96580
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	106.4	89.4	134.2





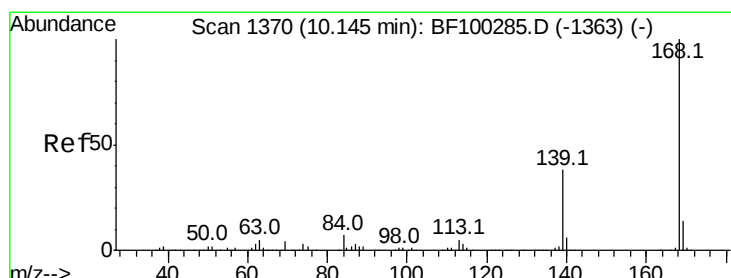
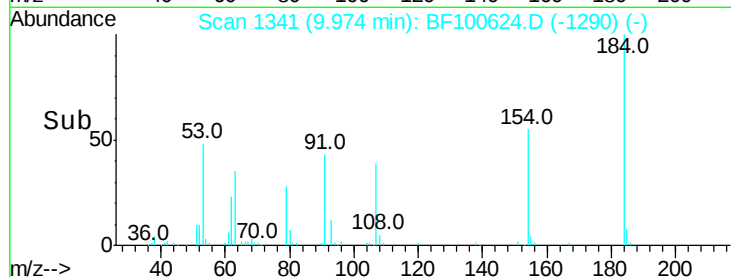
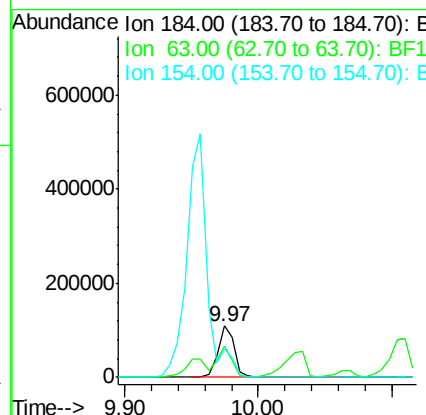
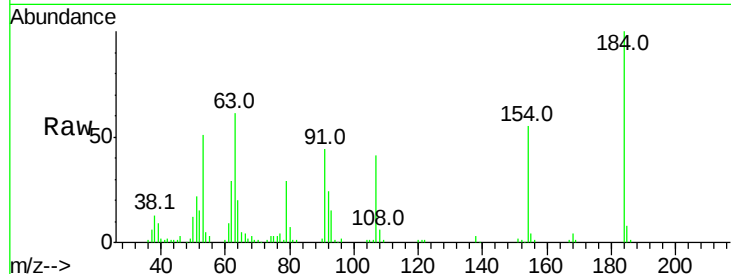
#53
2,4-Dinitrophenol
Concen: 74.829 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.9	54.2	81.2
154	55.2	184.0	276.0#

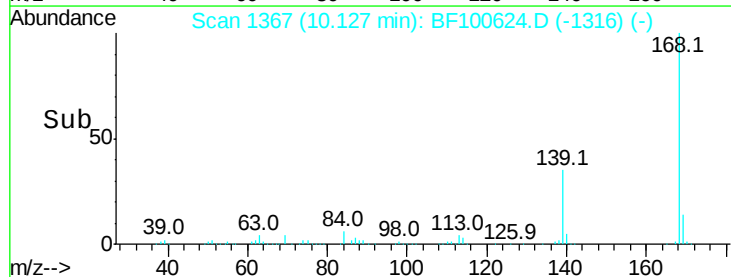
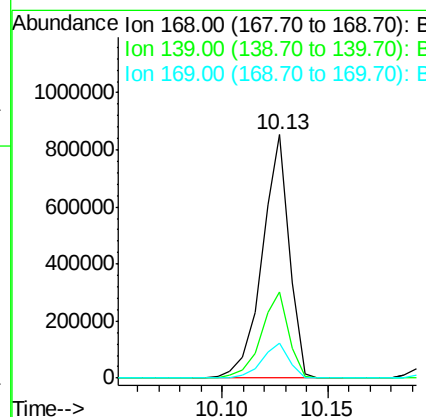
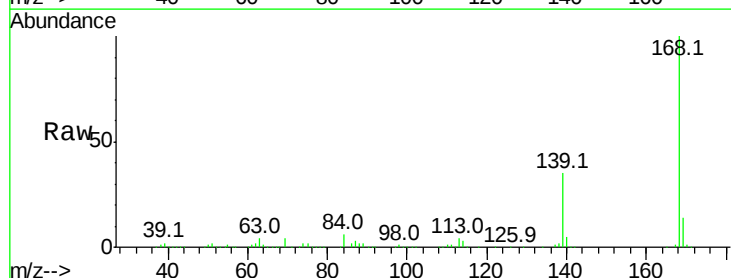
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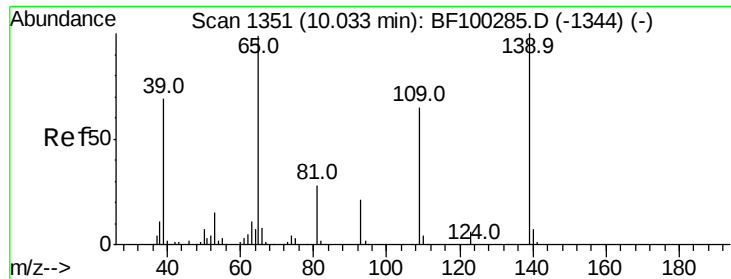
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#54
Dibenzofuran
Concen: 43.763 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.1	45.1
169	14.1	10.9	16.3





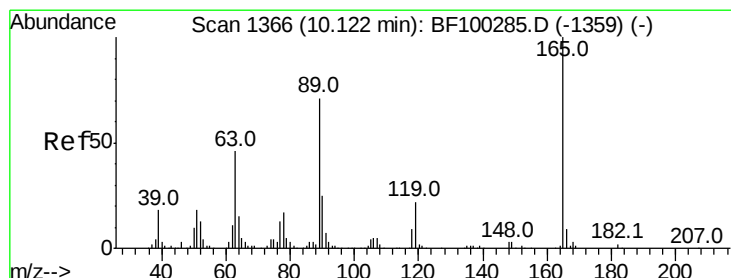
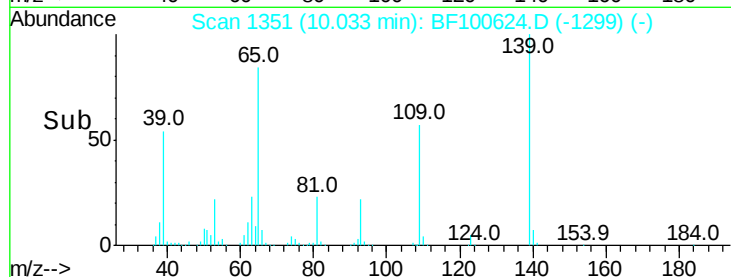
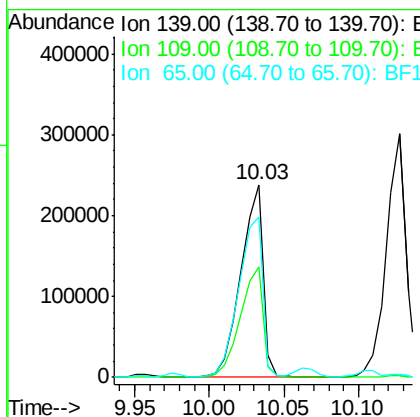
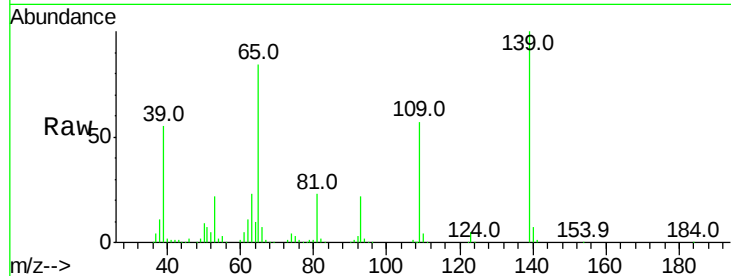
#55
4-Nitrophenol
Concen: 88.179 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	248869		
109	57.3	48.4	88.4	
65	83.6	72.6	112.6	

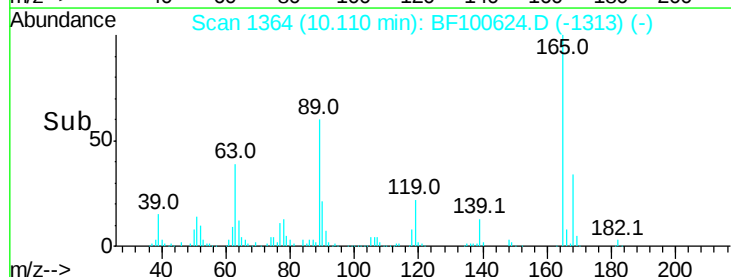
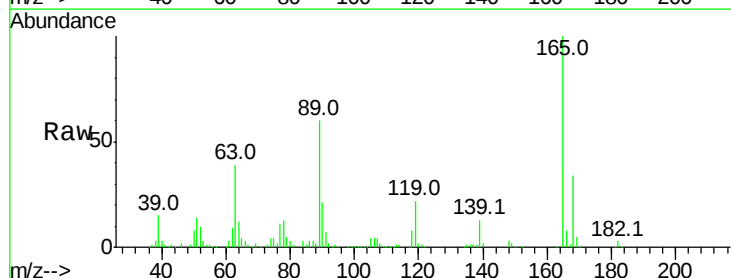
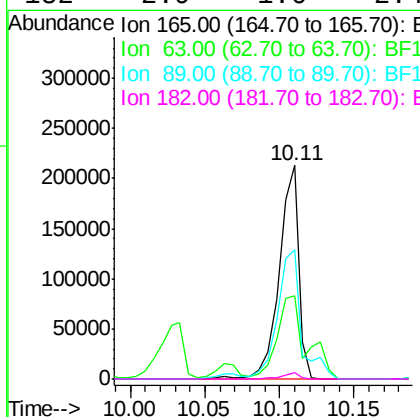
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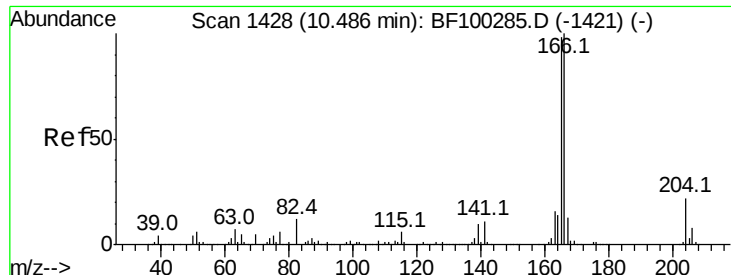
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11/17/2017 1:24:34 PM



#56
2,4-Dinitrotoluene
Concen: 52.749 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195875		
63	38.8	36.4	54.6	
89	60.5	57.8	86.6	
182	2.9	1.6	2.4#	





#57

Fluorene

Concen: 45.330 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

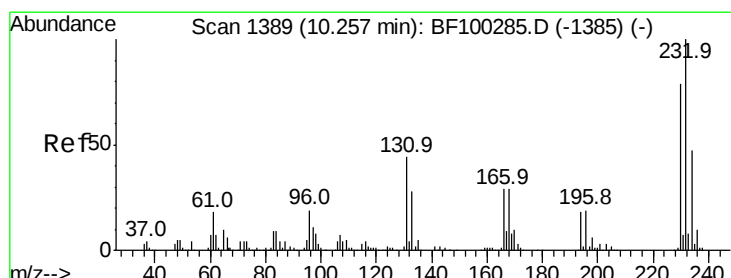
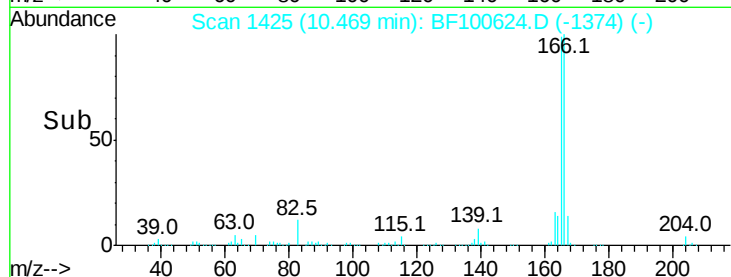
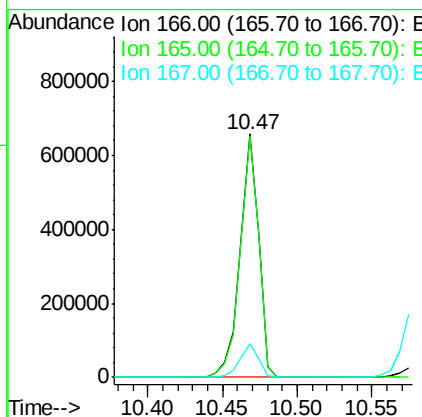
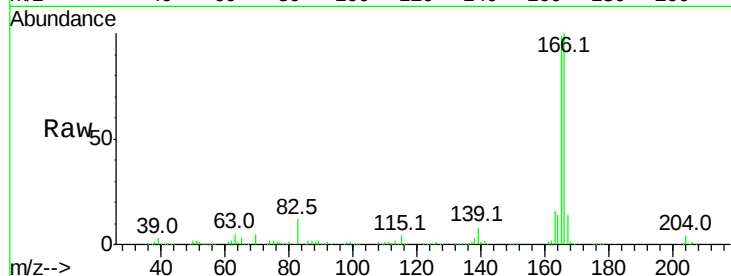
ClientSampleId :

PB104287BS

Tot Ion:	166	Resp:	573249
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.947 ng

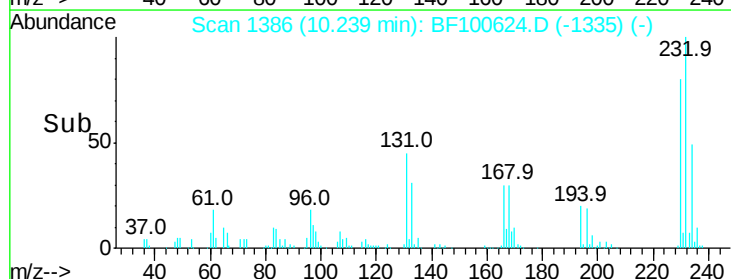
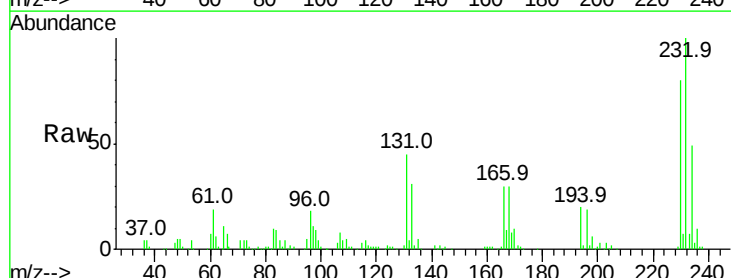
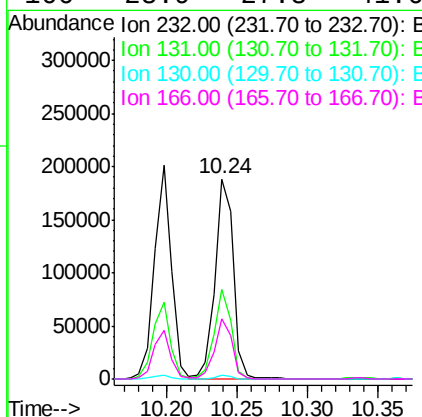
RT: 10.24 min Scan# 1386

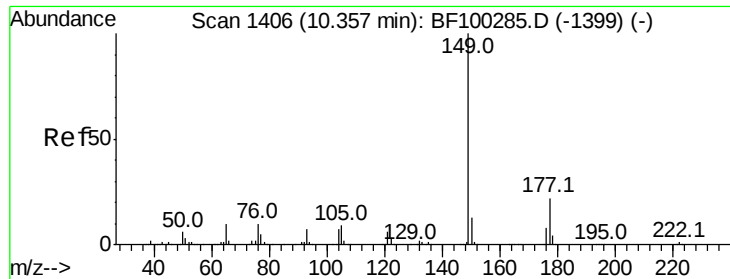
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	232	Resp:	170151
Ion Ratio	Lower	Upper	
232	100		
131	42.1	43.8	65.8#
130	1.9	2.1	3.1#
166	28.9	27.8	41.6





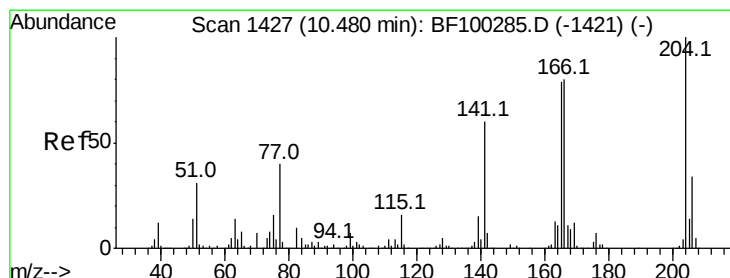
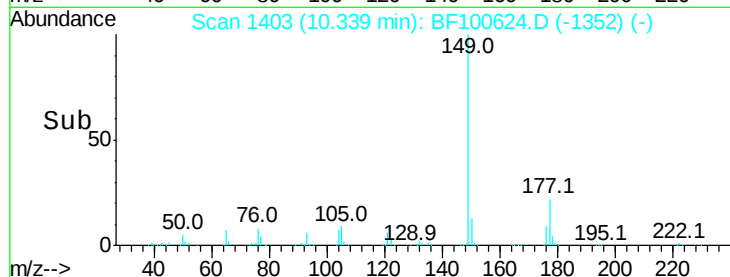
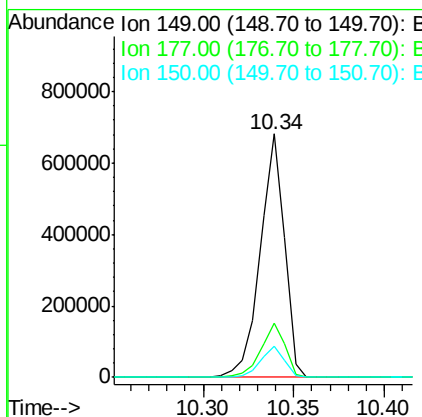
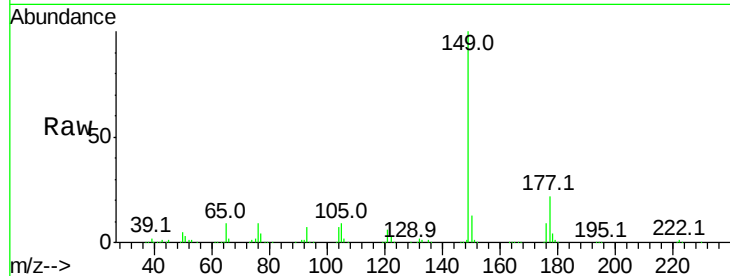
#59
Diethylphthalate
Concen: 42.760 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.9	10.1	15.1

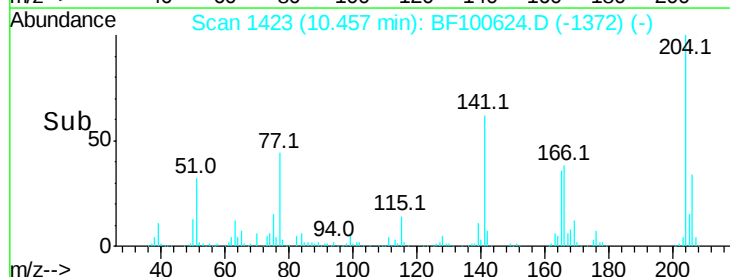
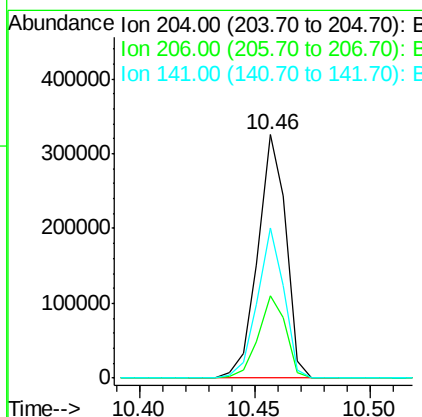
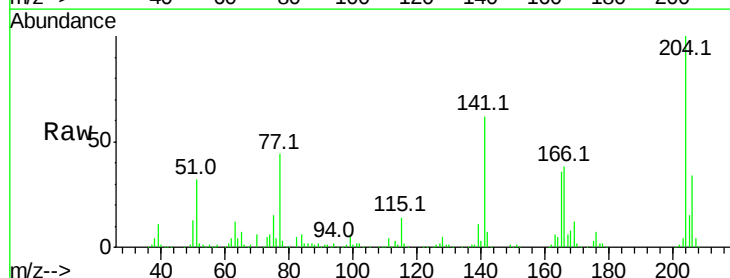
Manual Integrations
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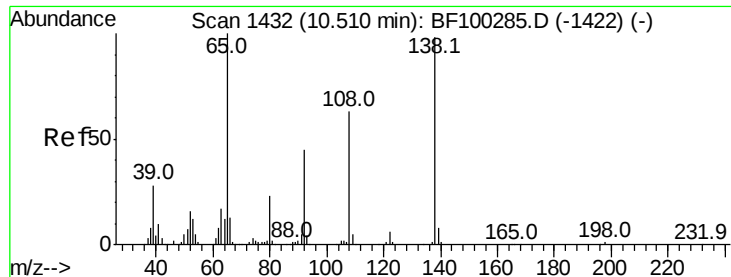
SOHIL
11/17/2017 1:24:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.596 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	61.6	54.6	81.8





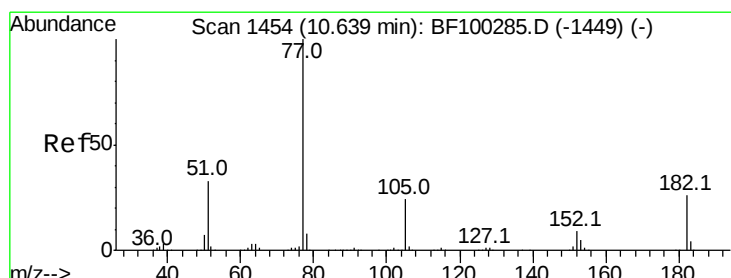
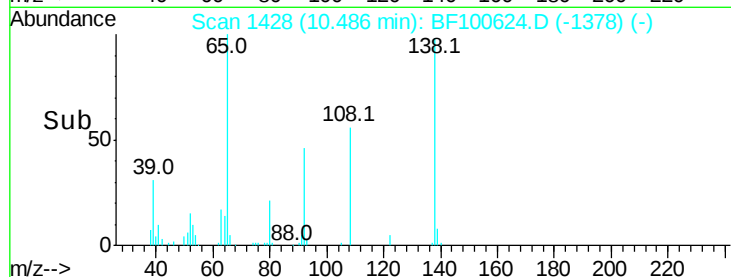
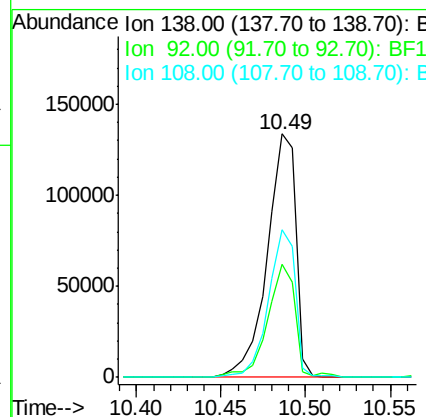
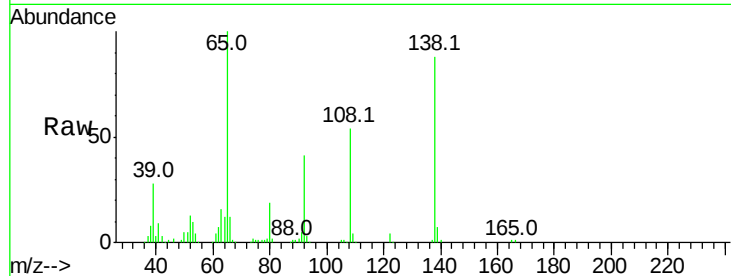
#61
4-Nitroaniline
Concen: 47.373 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.6	30.2	70.2
108	60.7	52.5	92.5

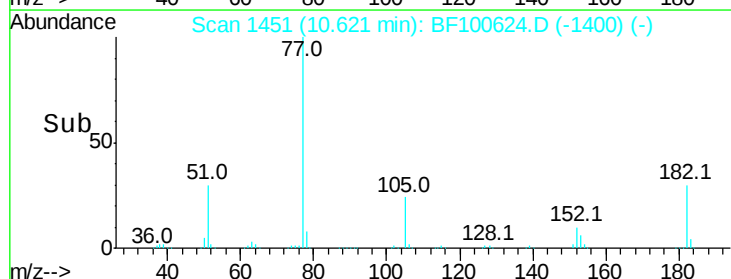
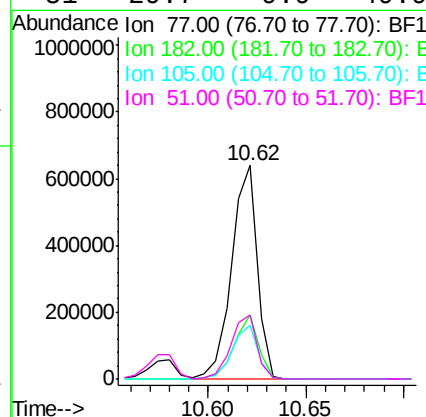
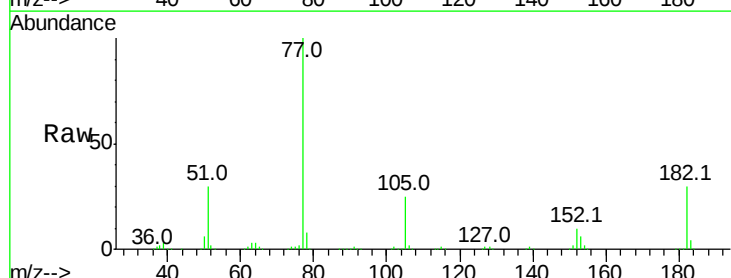
Manual Integrations
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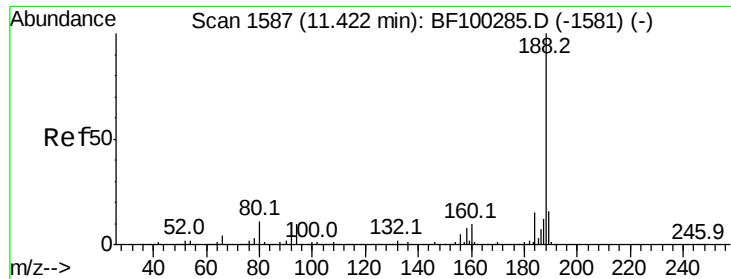
SOHIL
11/17/2017 1:24:34 PM



#62
Azobenzene
Concen: 41.639 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	1.7	41.7
105	25.0	3.0	43.0
51	29.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

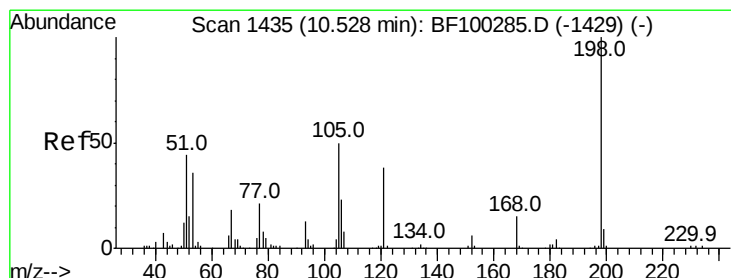
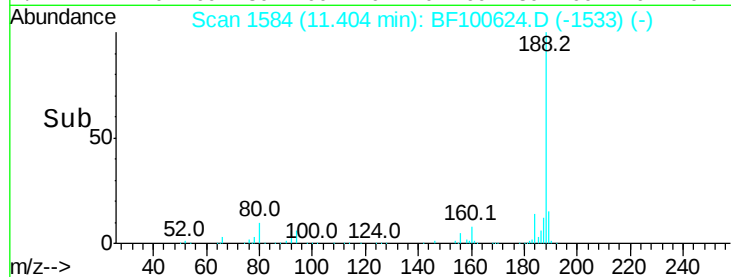
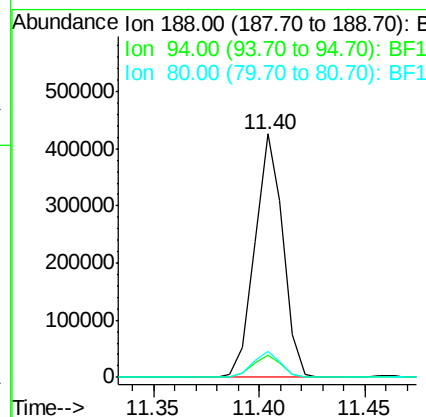
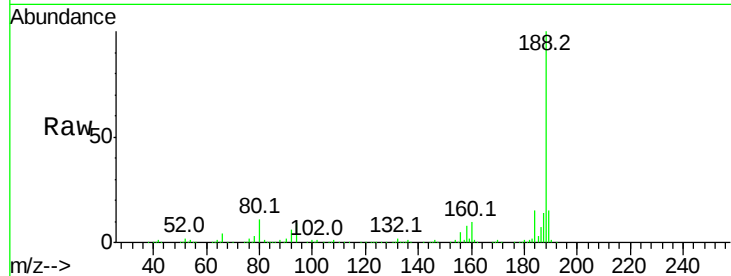
ClientSampleId :

PB104287BS

Tot Ion:	188	Resp:	393255
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	10.6	9.2	13.8

Manual Integrations
APPROVED

SOHIL
11/17/2017 1:24:34 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.522 ng

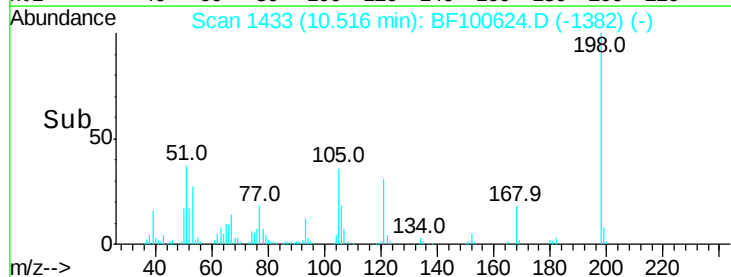
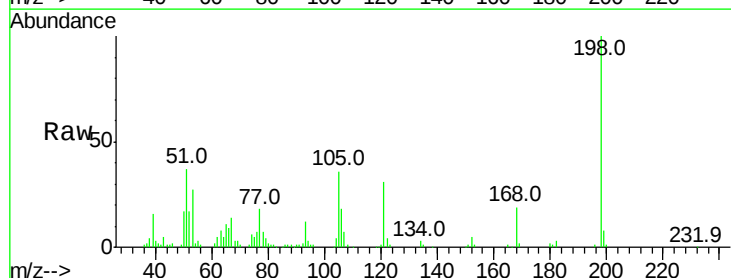
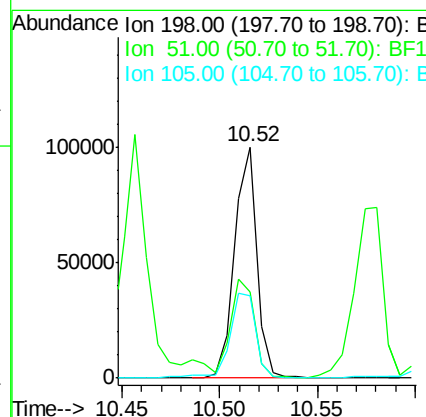
RT: 10.52 min Scan# 1433

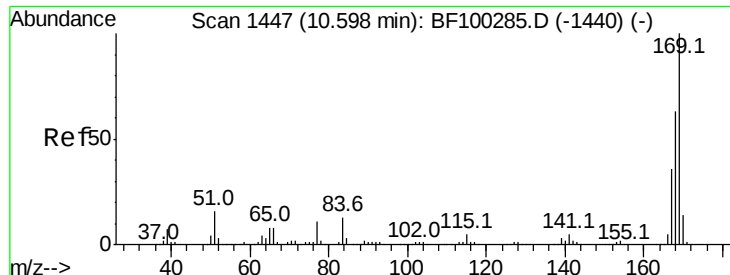
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	198	Resp:	79650
Ion Ratio	Lower	Upper	
198	100		
51	37.4	37.7	77.7#
105	35.8	36.3	76.3#





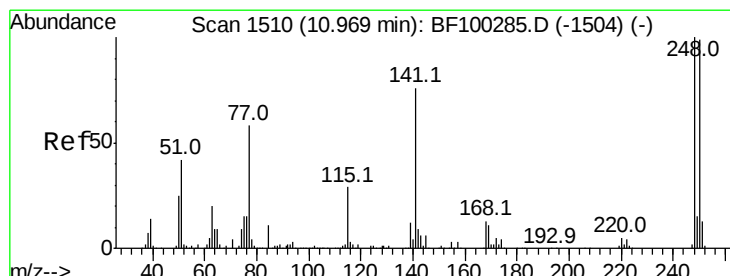
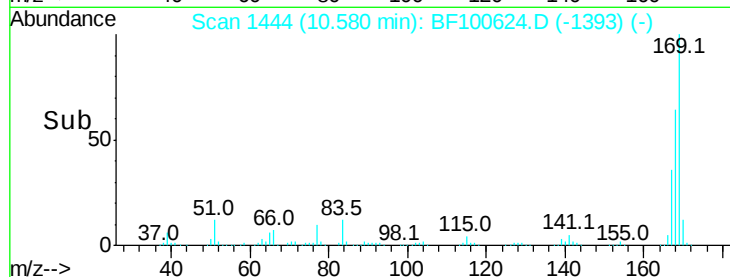
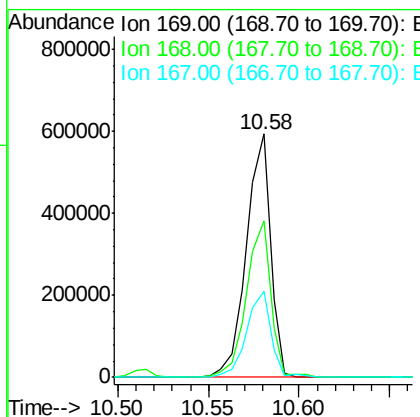
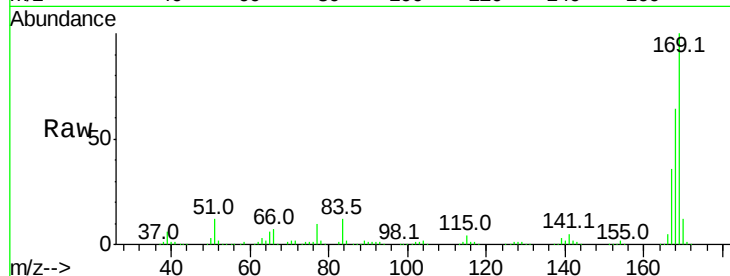
#65
n-Nitrosodiphenylamine
Concen: 40.542 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	554367		
168	64.5		54.4	81.6
167	35.5		29.8	44.6

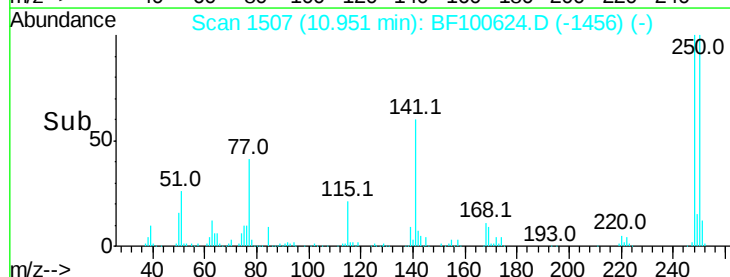
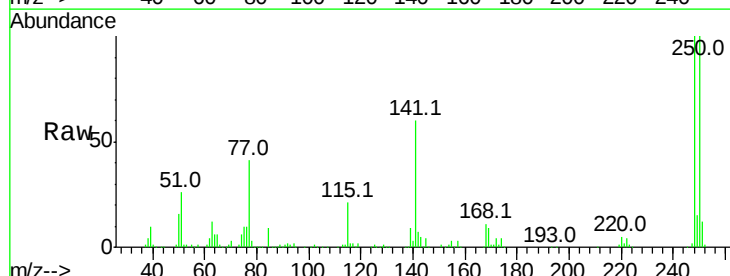
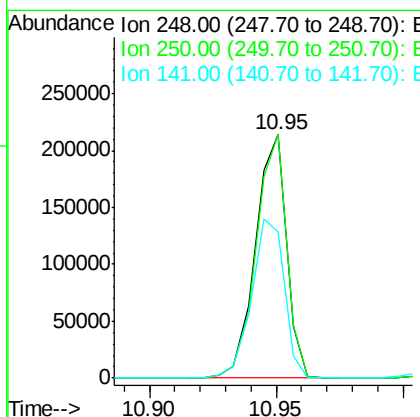
Manual Integrations
APPROVED

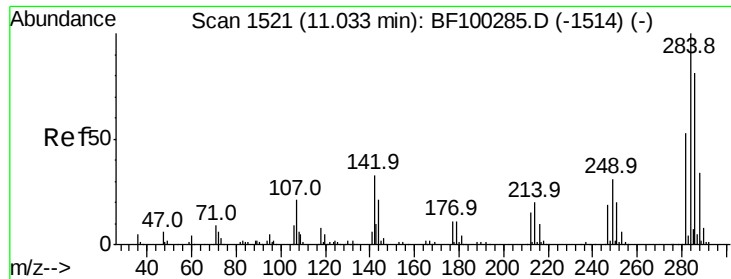
SOHIL
11/17/2017 1:24:34 PM



#66
4-Bromophenyl-phenylether
Concen: 43.432 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183092		
250	100.1		76.9	115.3
141	60.2		74.4	111.6#





#67

Hexachlorobenzene

Concen: 44.102 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

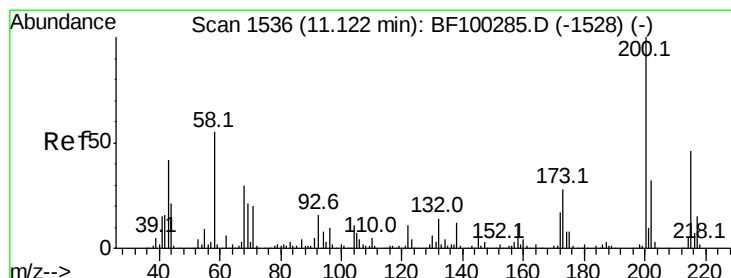
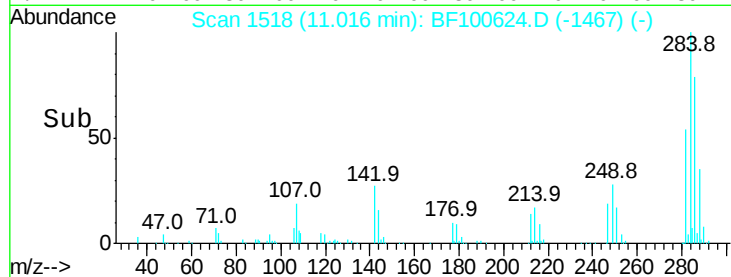
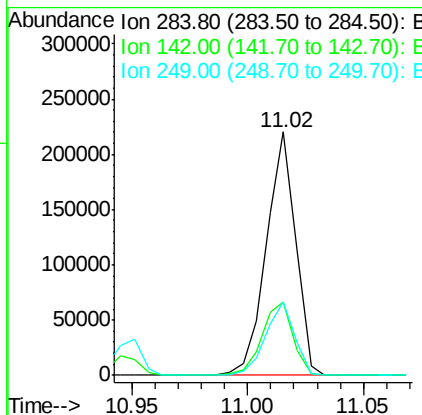
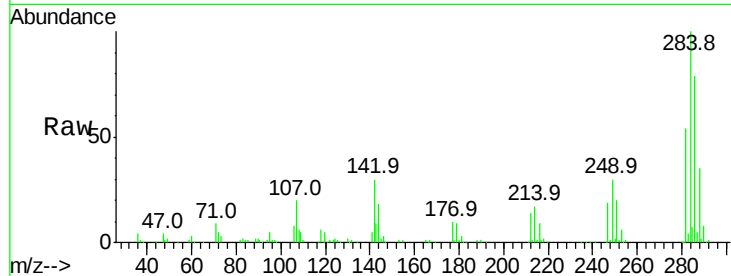
ClientSampleId :

PB104287BS

Tot Ion:	284	Resp:	194447
Ion Ratio	Lower	Upper	
284	100		
142	30.3	34.6	52.0#
249	30.1	24.8	37.2

Manual Integrations
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11/17/2017 1:24:34 PM



#68

Atrazine

Concen: 43.520 ng

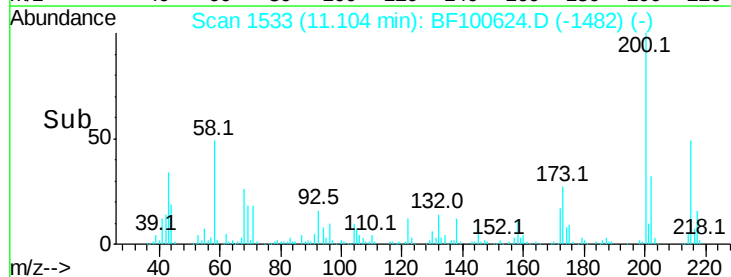
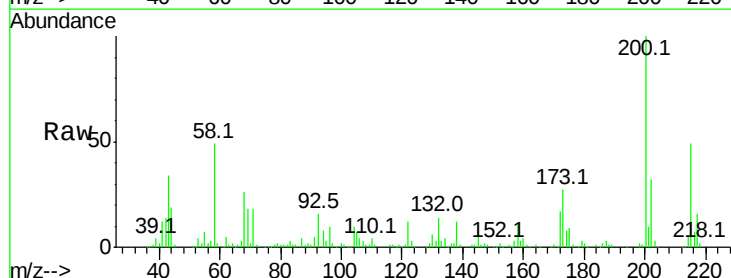
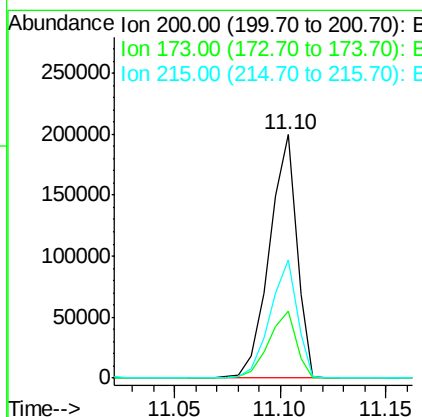
RT: 11.10 min Scan# 1533

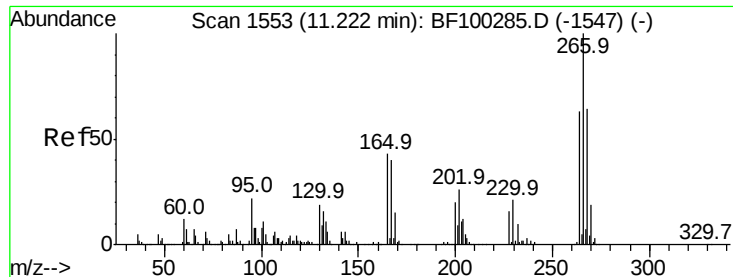
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	200	Resp:	180136
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.6	48.6
215	48.6	25.1	65.1





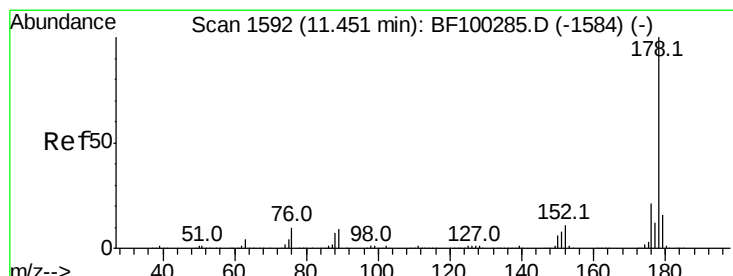
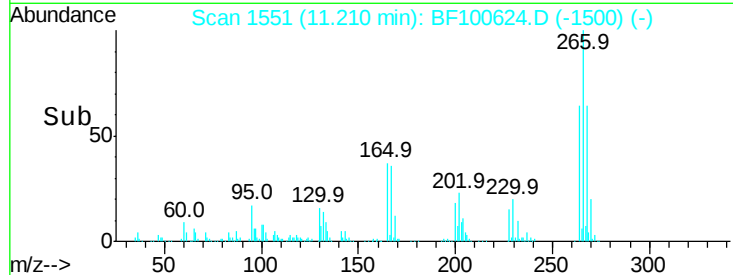
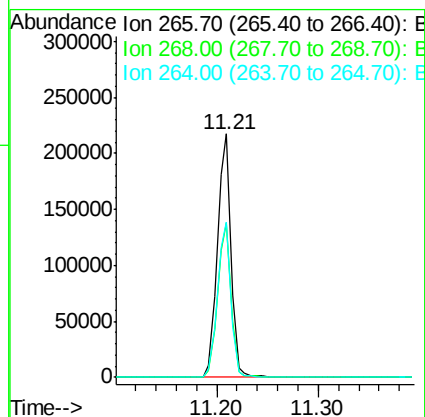
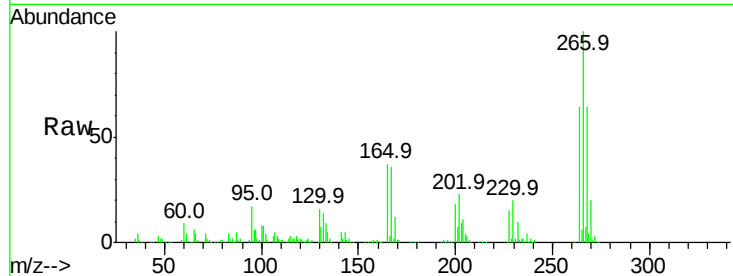
#69
 Pentachlorophenol
 Concen: 64.680 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampled :
 PB104287BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	204487		
268	63.5		51.1	76.7
264	63.6		49.5	74.3

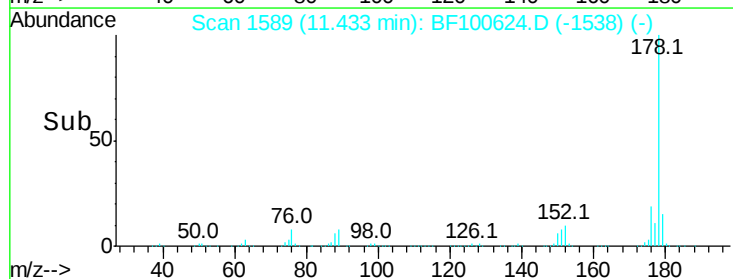
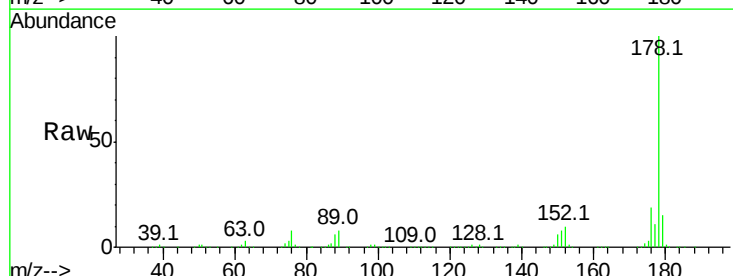
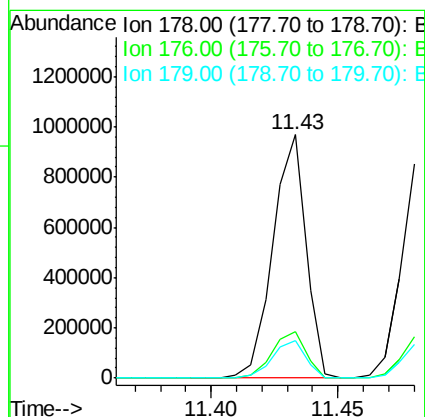
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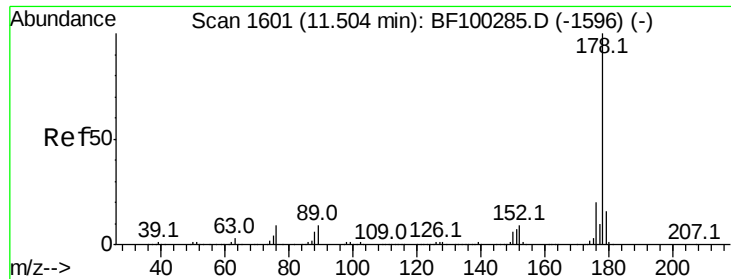
SOHIL
 11/17/2017 1:24:34 PM



#70
 Phenanthrene
 Concen: 42.313 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	876117		
176	19.3		15.8	23.8
179	15.2		13.0	19.6





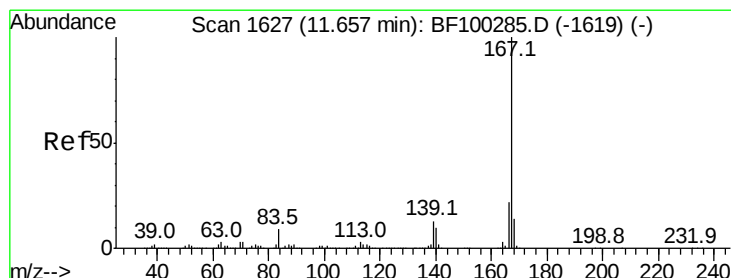
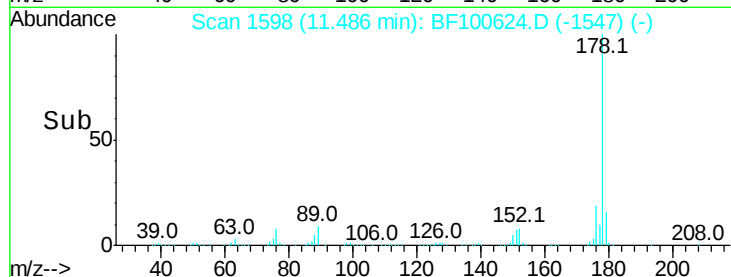
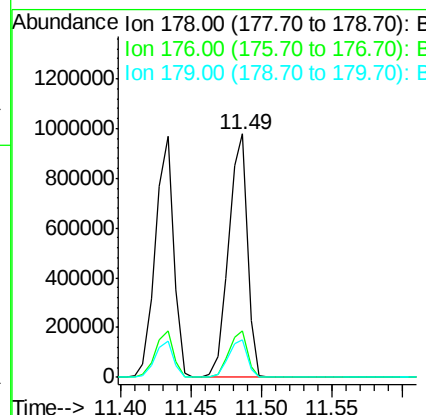
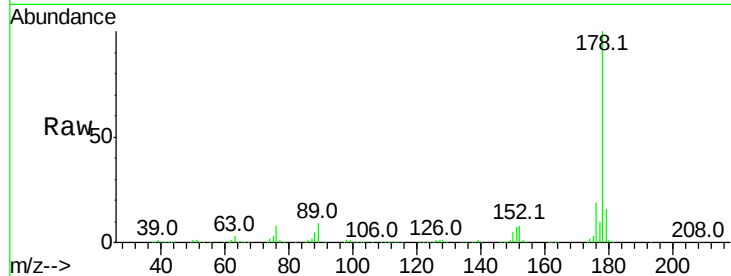
#71
 Anthracene
 Concen: 43.247 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.6	19.0

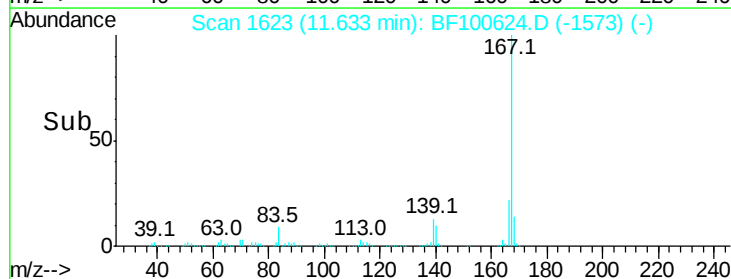
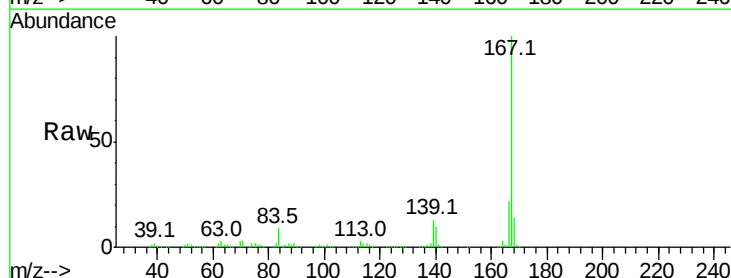
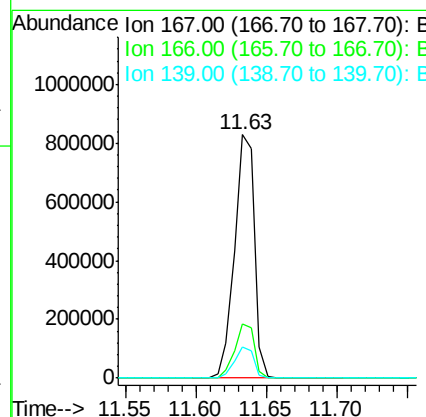
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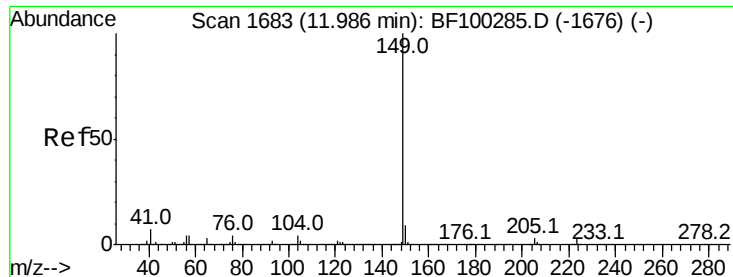
SOHIL
 11/17/2017 1:24:34 PM



#72
 Carbazole
 Concen: 41.826 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.802 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

ClientSampleId :

PB104287BS

Tot Ion:149 Resp: 1016225

Ion Ratio Lower Upper

149 100

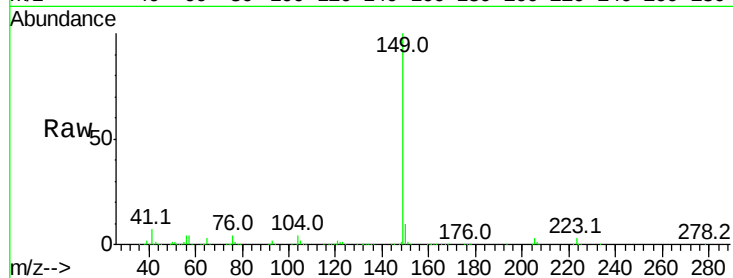
150 9.5 7.8 11.6

104 4.1 3.8 5.8

Manual Integrations
APPROVED

SOHIL

11/17/2017 1:24:34 PM

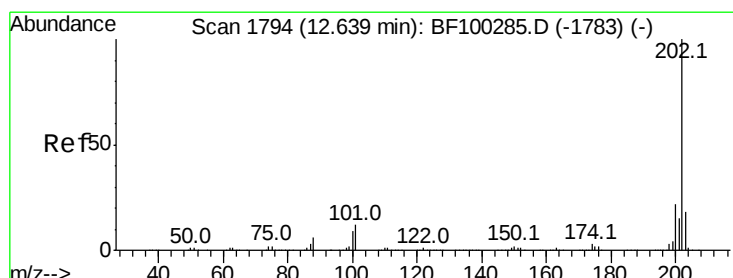
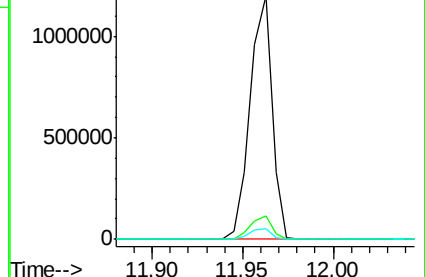
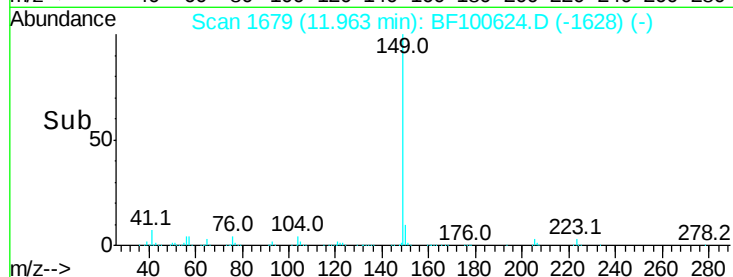


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.96



#74

Fluoranthene

Concen: 42.605 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

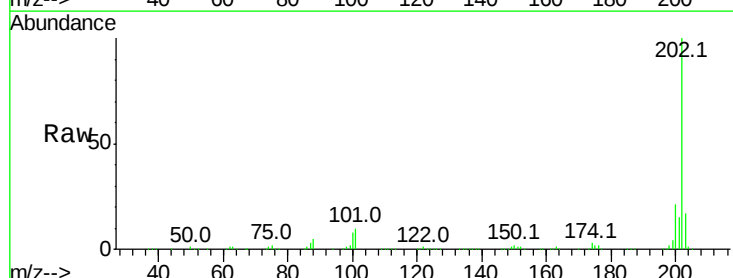
Tgt Ion:202 Resp: 934913

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

203 17.1 0.0 38.1

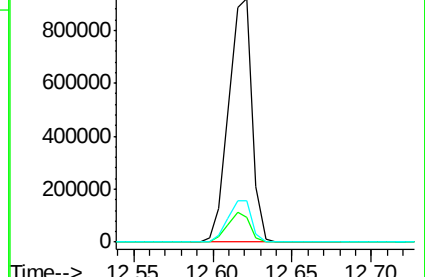
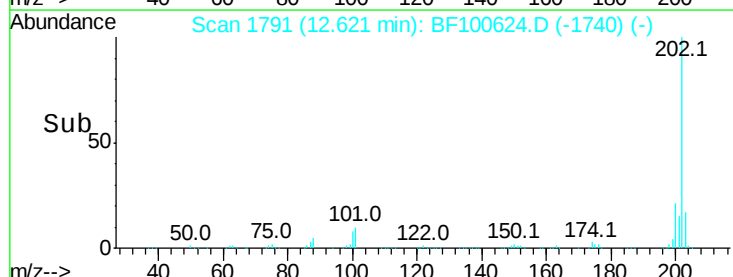


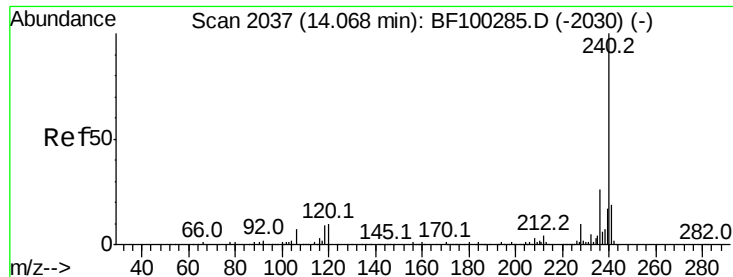
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.62





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

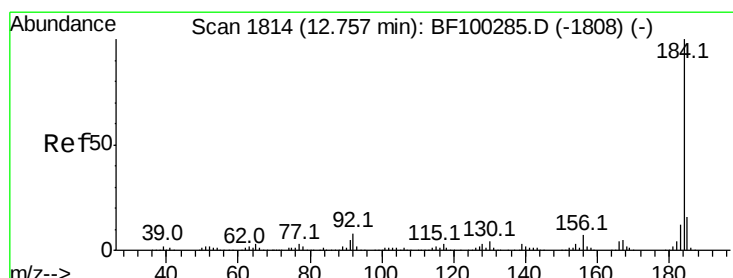
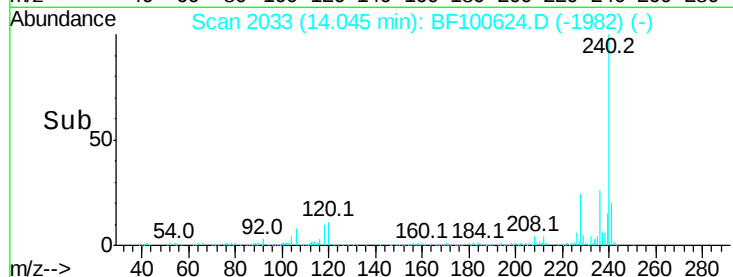
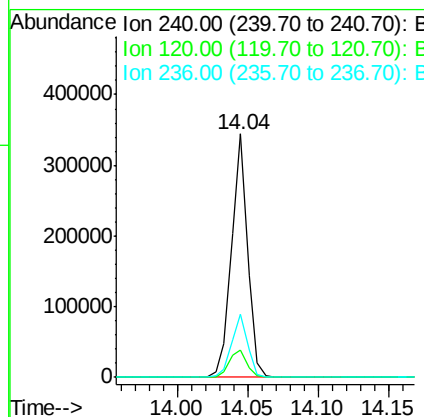
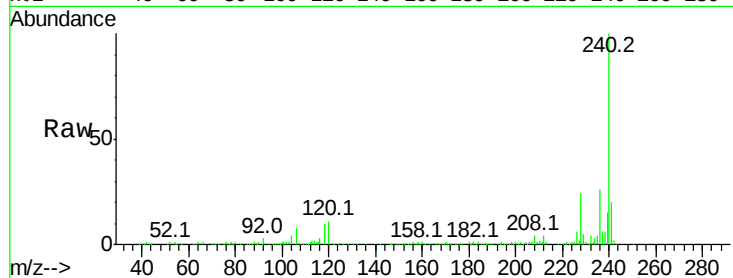
ClientSampleId :

PB104287BS

Tot Ion:	240	Resp:	273919
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 30.360 ng

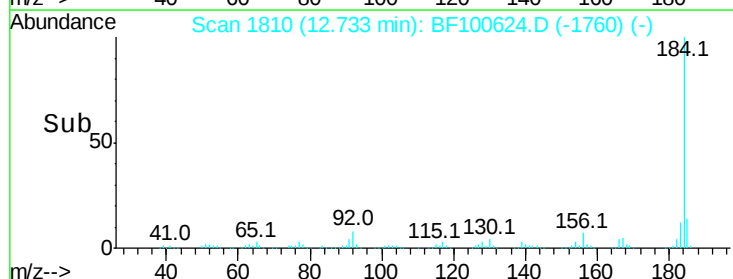
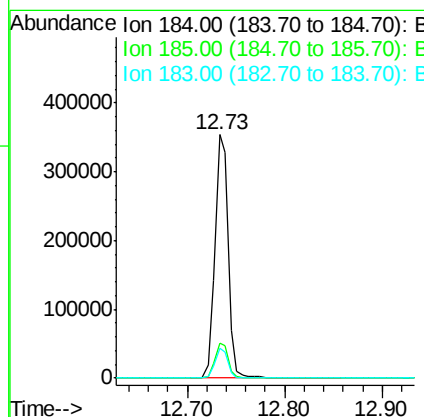
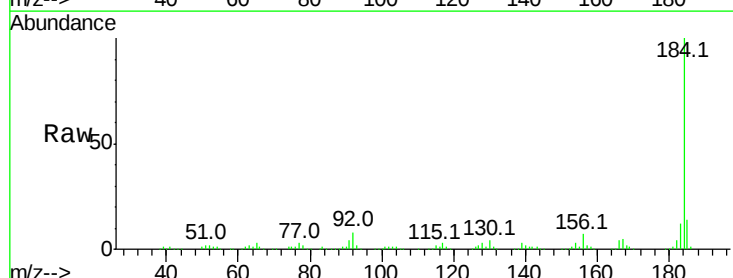
RT: 12.73 min Scan# 1810

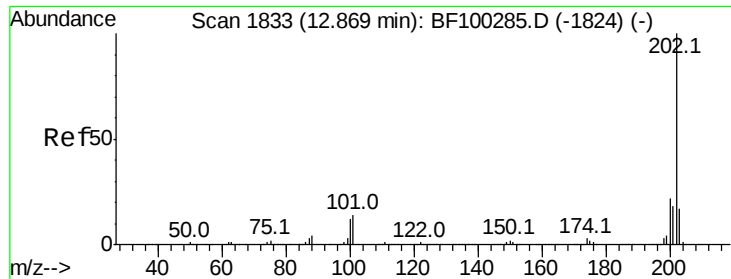
Delta R.T. -0.01 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	184	Resp:	333048
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.1	9.3	13.9





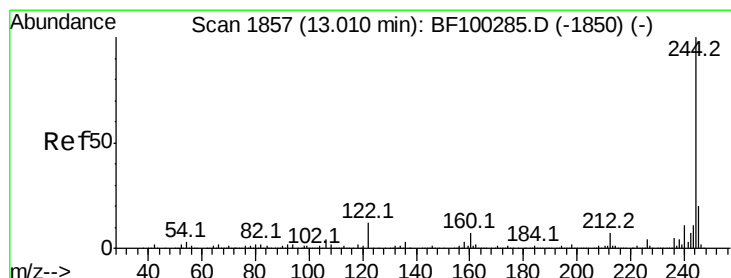
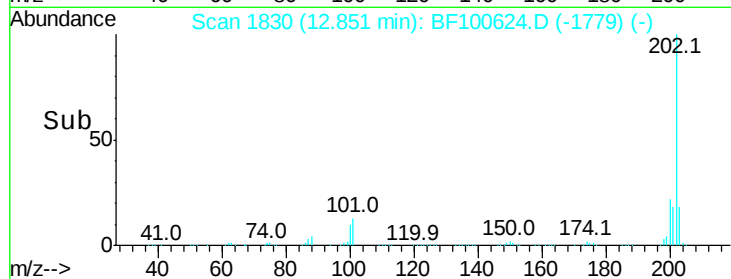
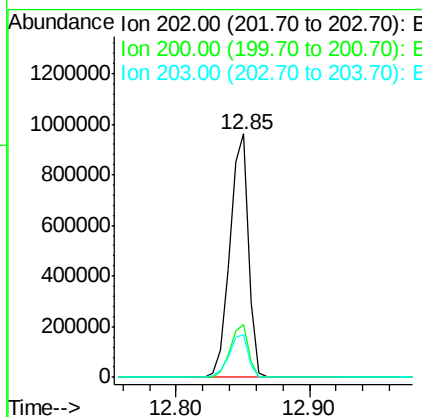
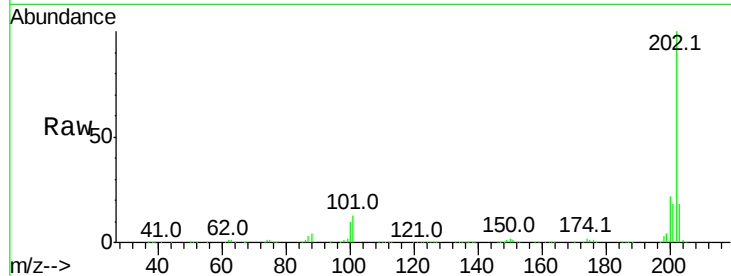
#77
Pvrene
Concen: 48.464 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

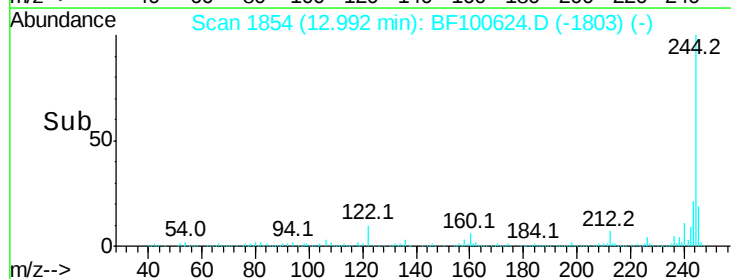
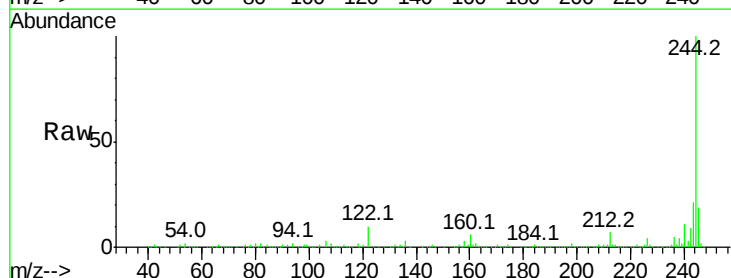
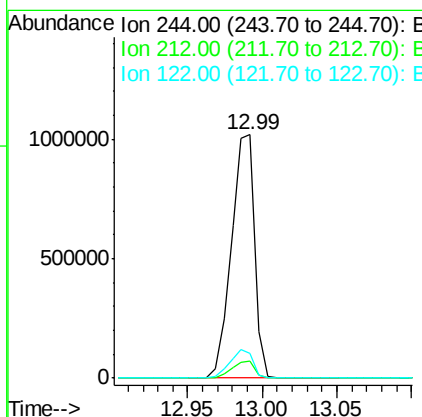
Manual Integrations
APPROVED

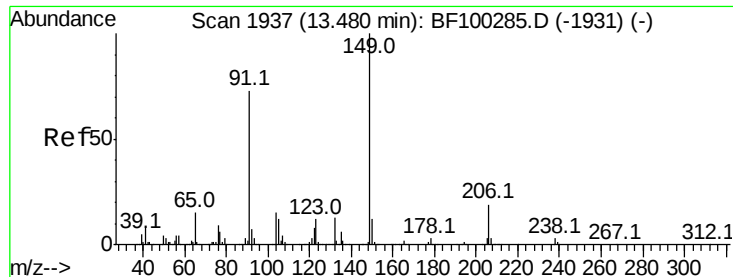
SOHIL
11/17/2017 1:24:34 PM



#78
Terphenyl-d14
Concen: 93.813 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.4	11.0	16.4#





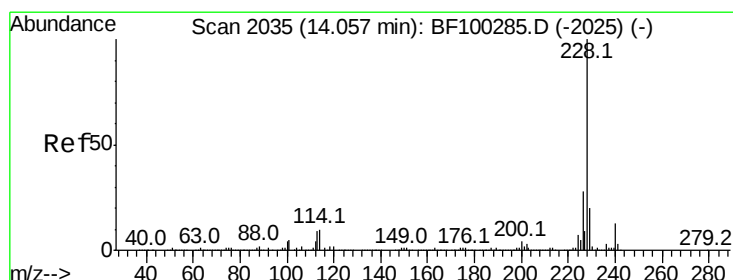
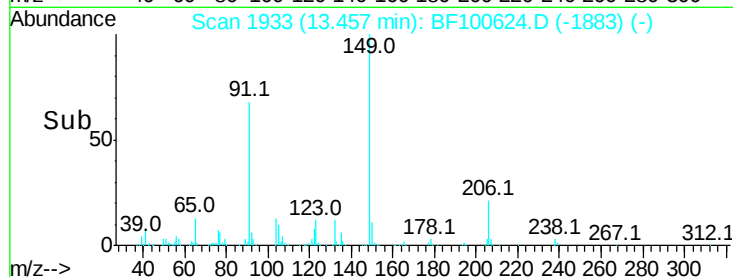
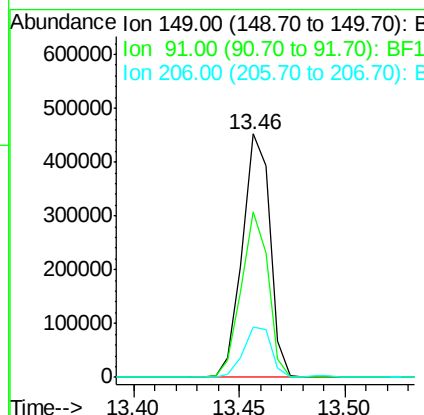
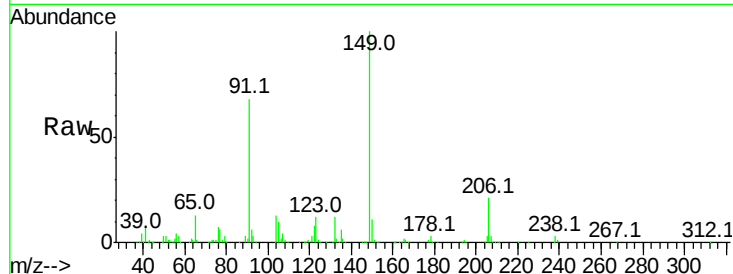
#79
Butylbenzylphthalate
Concen: 51.548 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	20.5	14.1	21.1

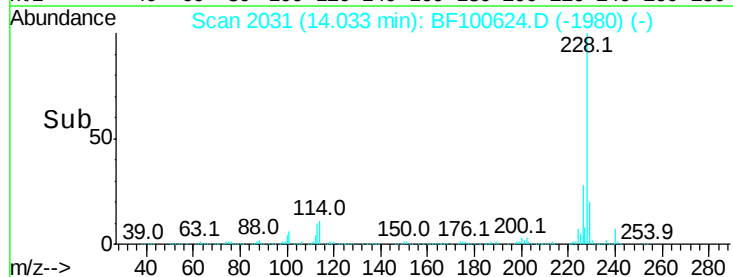
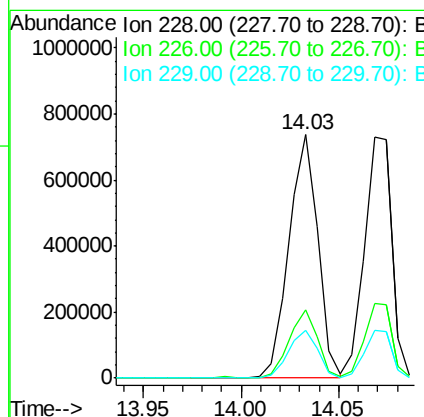
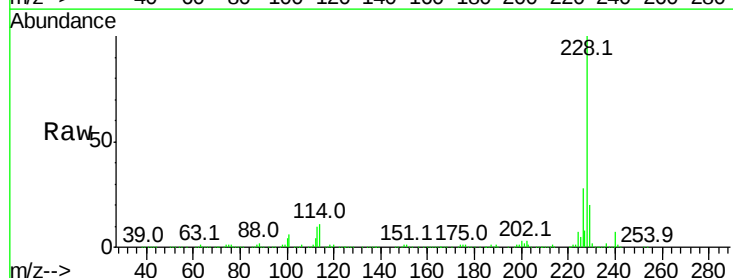
Manual Integrations
APPROVED

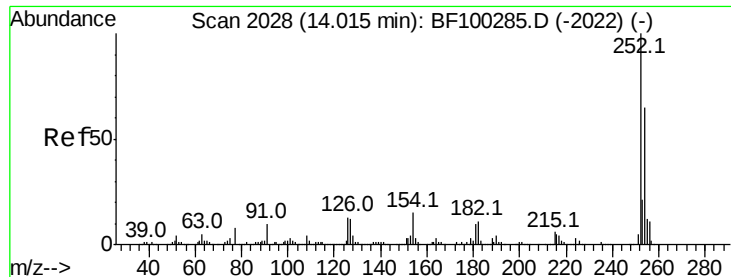
SOHIL
11/17/2017 1:24:34 PM



#80
Benzo(a)anthracene
Concen: 45.775 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.5	15.8	23.6





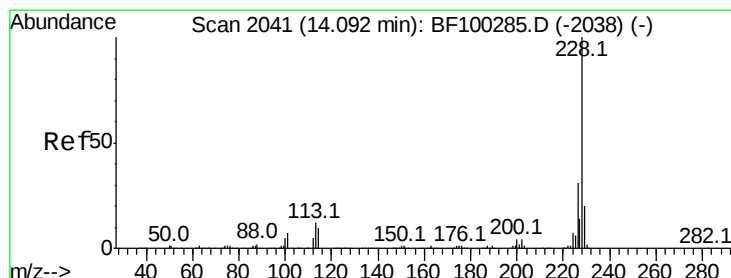
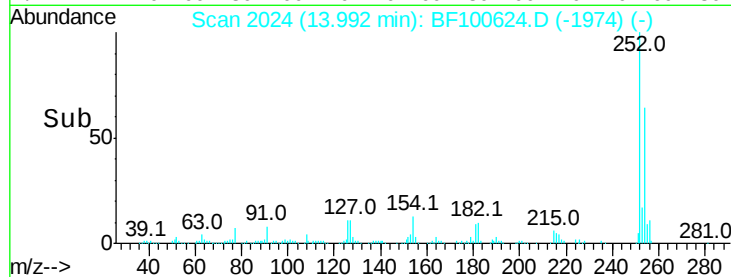
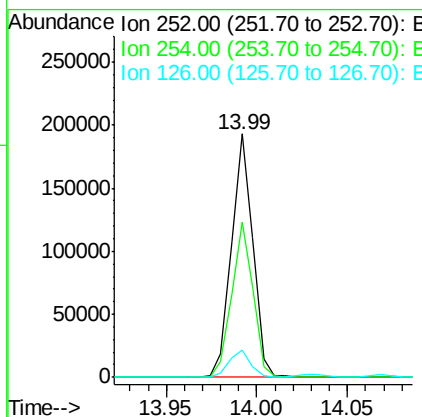
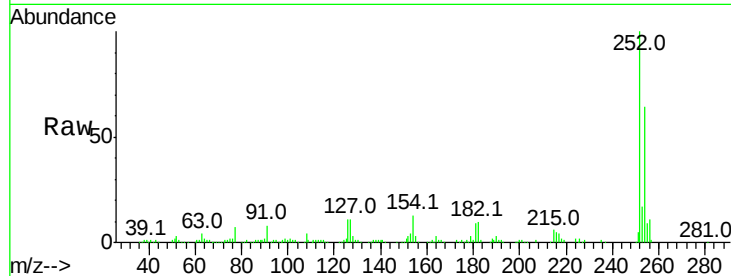
#81
 3,3'-Dichlorobenzidine
 Concen: 26.903 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampled :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	11.3	11.3	16.9

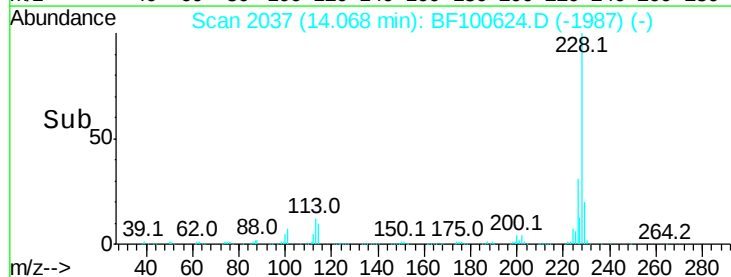
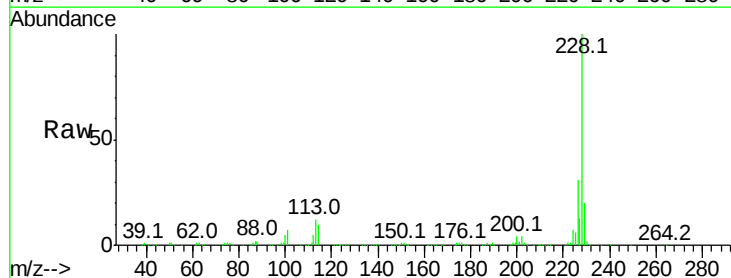
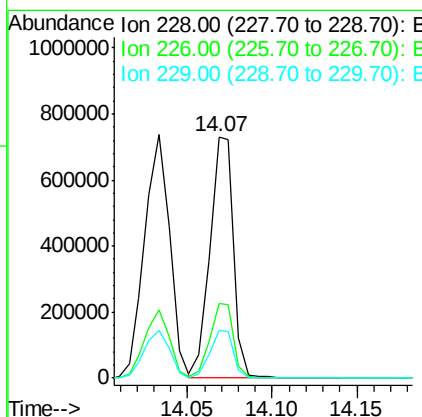
Manual Integrations
 APPROVED

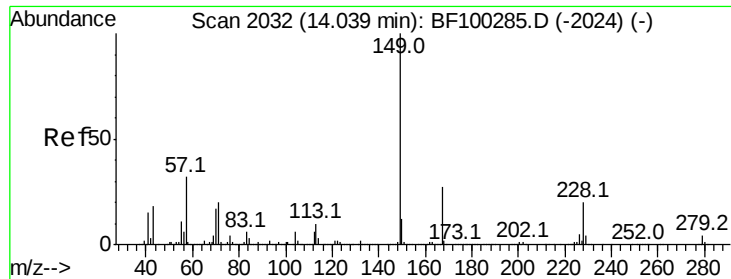
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 11/17/2017 1:24:34 PM



#82
 Chrysene
 Concen: 44.728 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.7	16.2	24.4





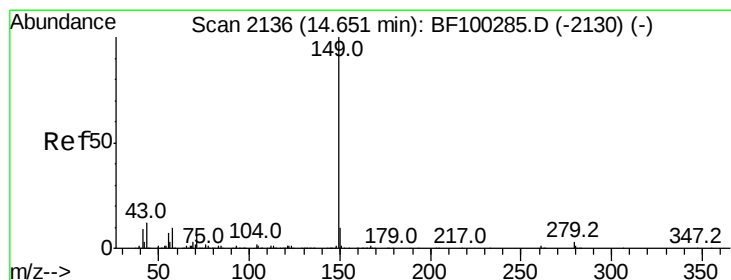
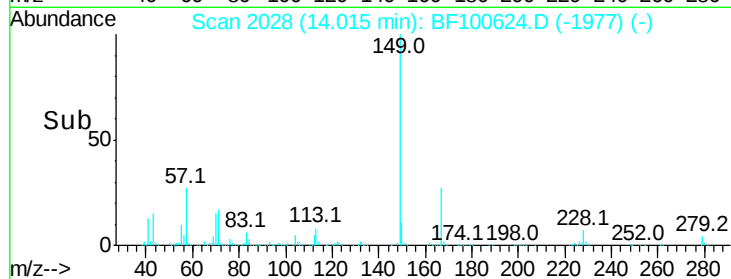
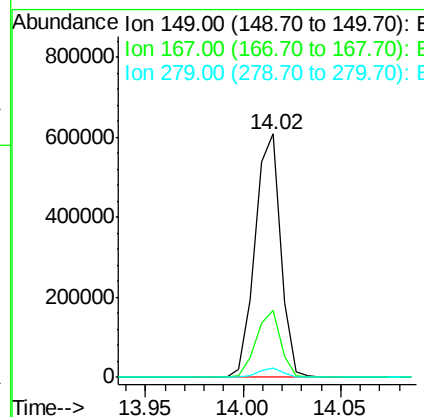
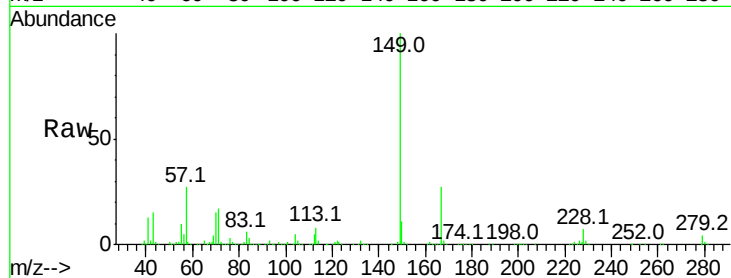
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.793 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.9	3.0	4.4

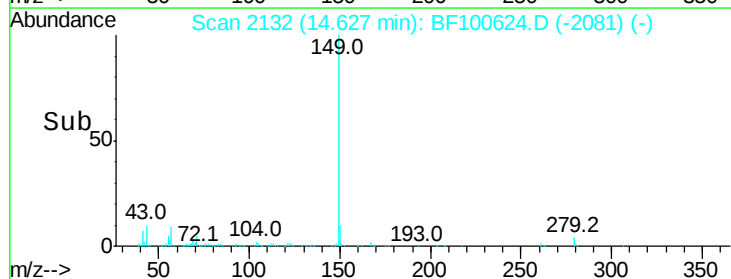
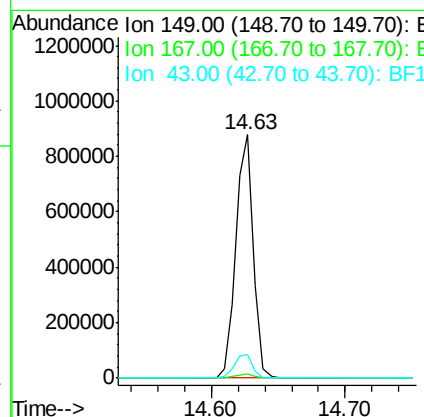
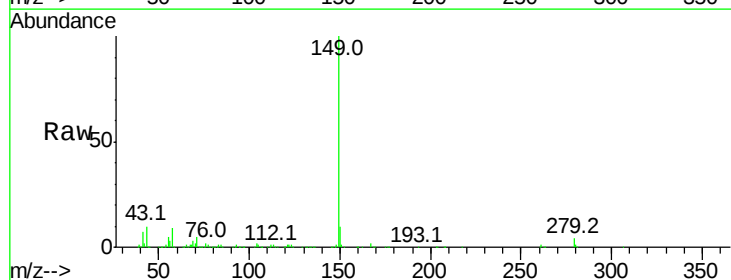
Manual Integrations
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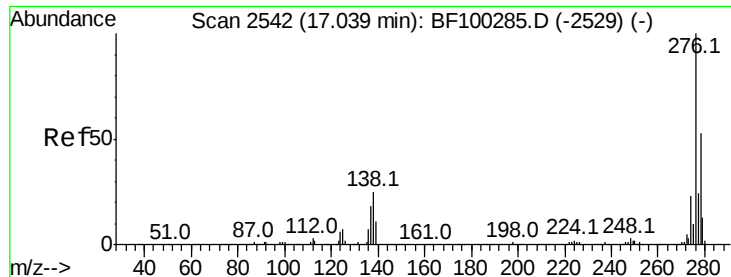
SOHIL
 11/17/2017 1:24:34 PM



#84
 Di-n-octyl phthalate
 Concen: 45.058 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	8.4	12.6





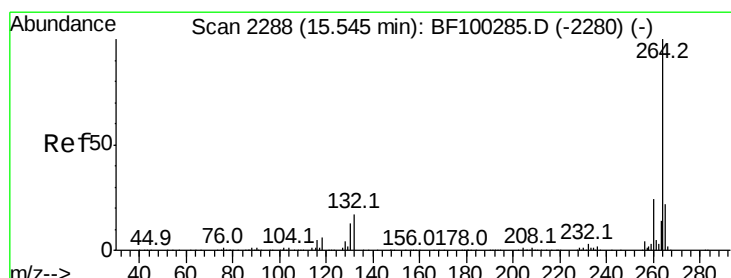
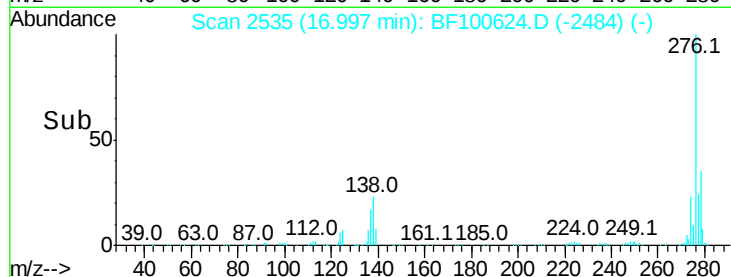
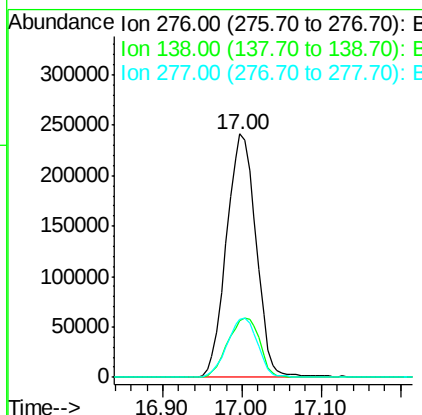
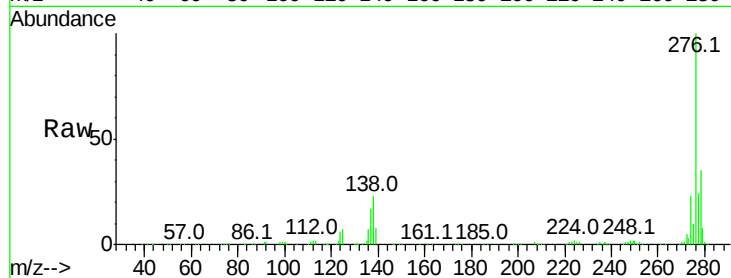
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.446 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	24.9	20.1	30.1

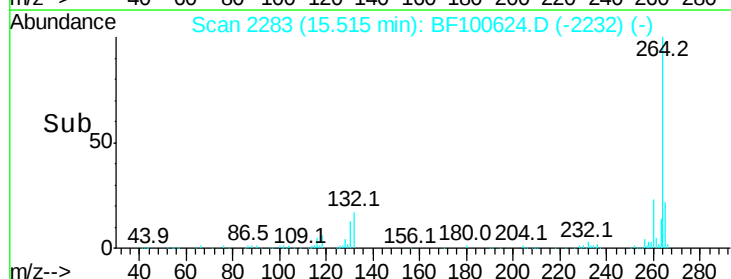
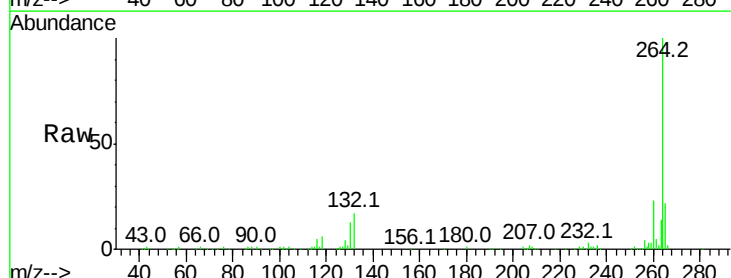
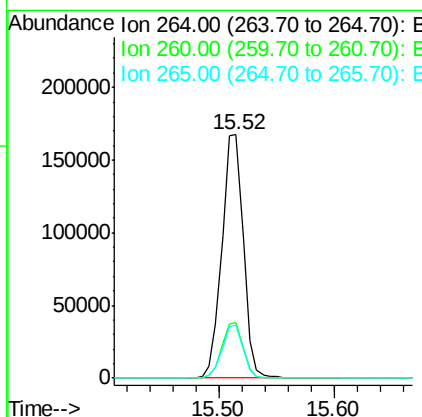
Manual Integrations
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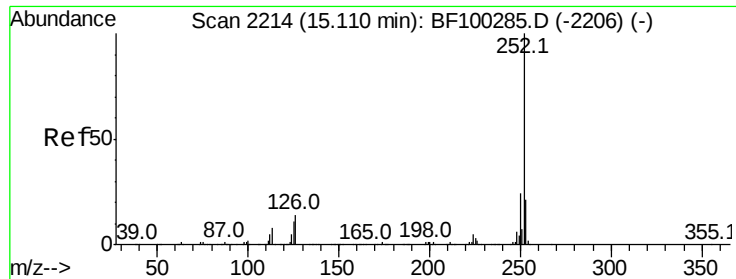
SOHIL
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.539 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Instrument :

BNA_F

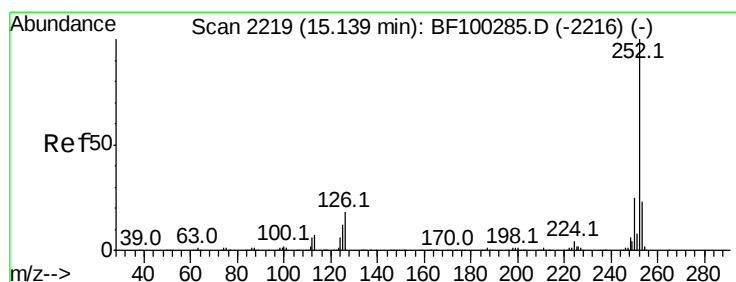
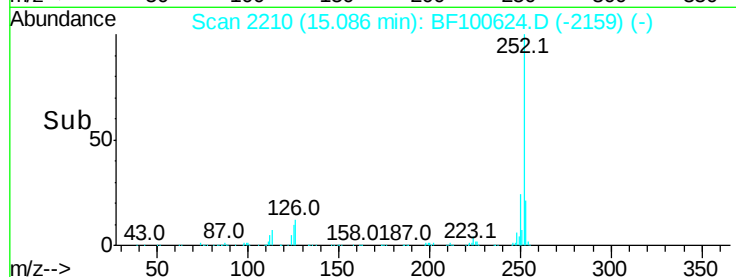
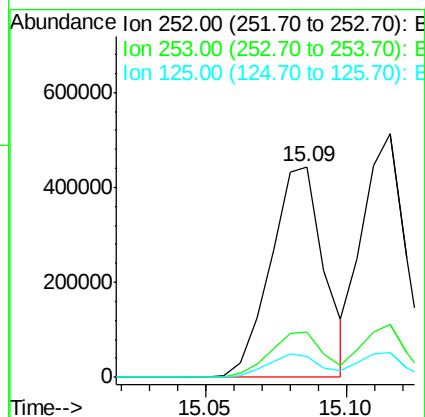
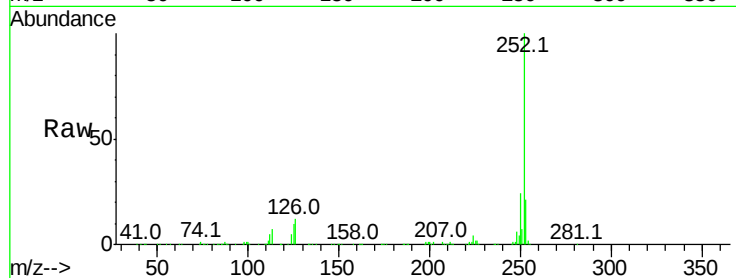
ClientSampleId :

PB104287BS

Tot Ion:	252	Resp:	582832
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.6
125	9.7	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.669 ng

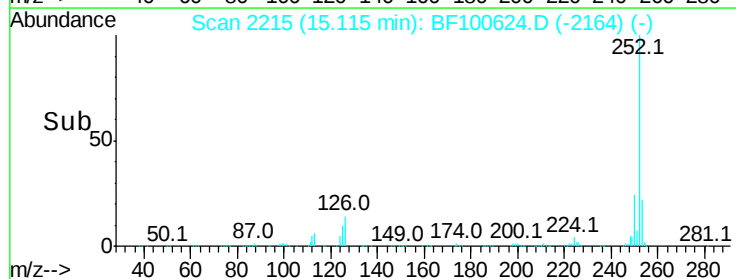
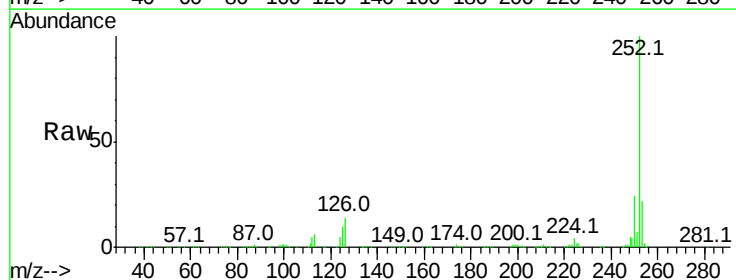
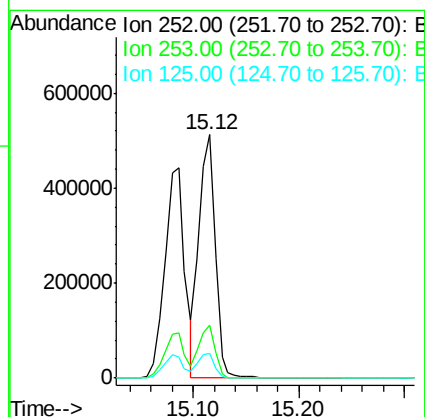
RT: 15.12 min Scan# 2215

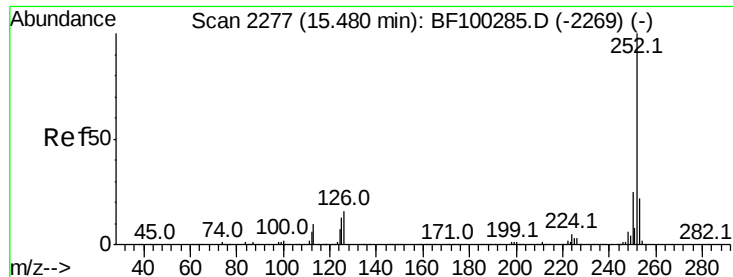
Delta R.T. -0.00 min

Lab File: BF100624.D

Acq: 16 Nov 2017 12:13

Tgt Ion:	252	Resp:	540171
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	10.0	10.2	15.2#





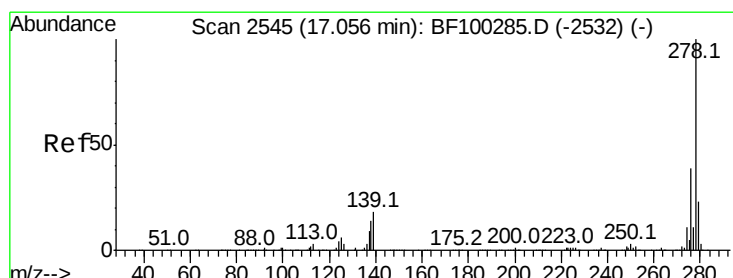
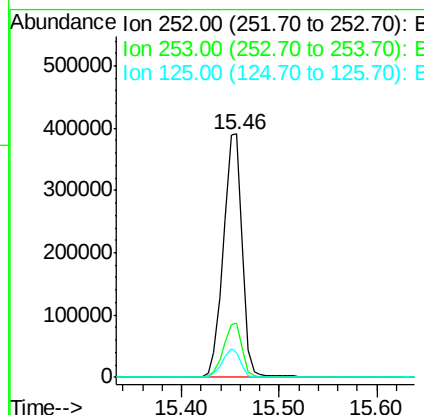
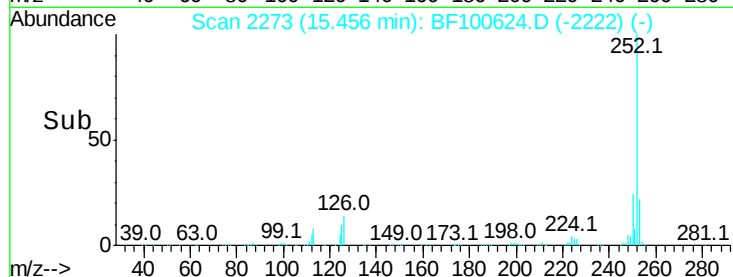
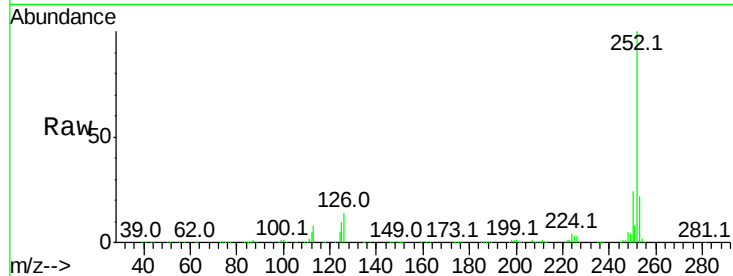
#89
Benzo(a)pyrene
Concen: 46.012 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Instrument :
BNA_F
ClientSampled :
PB104287BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.3	9.8	14.6

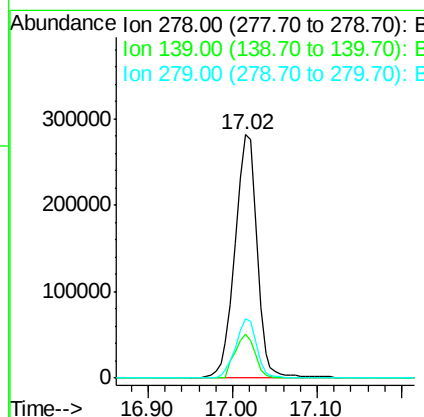
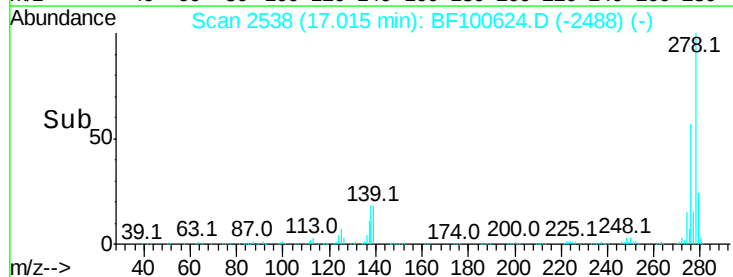
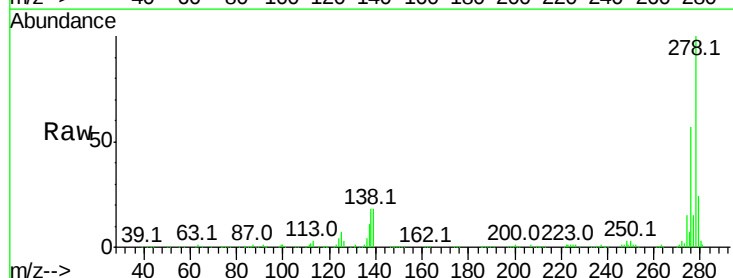
Manual Integrations
APPROVED

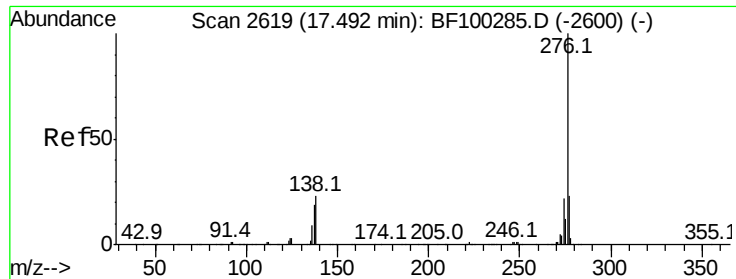
SOHIL
11/17/2017 1:24:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.717 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF100624.D
Acq: 16 Nov 2017 12:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 60.437 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.01 min
 Lab File: BF100624.D
 Acq: 16 Nov 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BS

Tot Ion:	276	Resp:	548966
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.6	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:34 PM

