

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100351.D
 Acq On : 9 Nov 2017 20:08
 Operator : SJ/JU
 Sample : PB104074BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:11 PM

Quant Time: Nov 10 01:04:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156385	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	632526	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	305040	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	596298	20.00	ng	0.00
75) Chrysene-d12	14.07	240	432560	20.00	ng	0.00
86) Perylene-d12	15.54	264	346533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1148540	117.73	ng	0.02
7) Phenol-d6	6.53	99	1433798	119.18	ng	0.00
23) Nitrobenzene-d5	7.47	82	914492	95.59	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	401042	129.02	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1708474	85.28	ng	0.00
78) Terphenyl-d14	13.02	244	1622874	86.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	170085	35.775	ng	94
3) Pyridine	3.56	79	486060	37.473	ng	92
4) n-Nitrosodimethylamine	3.52	42	238329	37.844	ng	97
6) Aniline	6.57	93	463442	27.268	ng	100
8) 2-Chlorophenol	6.69	128	433879	42.040	ng	97
9) Benzaldehyde	6.45	77	259347	30.187	ng	99
10) Phenol	6.55	94	519658m	41.147	ng	
11) bis(2-Chloroethyl)ether	6.64	93	420329	39.624	ng	95
12) 1,3-Dichlorobenzene	6.85	146	475640	39.973	ng	99
13) 1,4-Dichlorobenzene	6.92	146	485989	40.354	ng	97
14) 1,2-Dichlorobenzene	7.07	146	449747	40.390	ng	98
15) Benzyl Alcohol	7.04	79	396918	42.275	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	791557	46.655	ng	97
17) 2-Methylphenol	7.15	107	383916	43.529	ng	98
18) Hexachloroethane	7.42	117	169911	42.790	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	317075	38.005	ng	96
20) 3+4-Methylphenols	7.30	107	461474	41.348	ng	92
22) Acetophenone	7.31	105	589528	38.221	ng	# 96
24) Nitrobenzene	7.49	77	469076	47.636	ng	95
25) Isophorone	7.72	82	896250	44.579	ng	98
26) 2-Nitrophenol	7.80	139	238774	51.301	ng	98
27) 2,4-Dimethylphenol	7.83	122	440717	48.900	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	557938	42.426	ng	99
29) 2,4-Dichlorophenol	8.04	162	394534	45.855	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	391511	42.067	ng	98
31) Naphthalene	8.21	128	1263008	41.457	ng	99
32) Benzoic acid	7.95	122	291009	43.305	ng	95
33) 4-Chloroaniline	8.25	127	201375	15.880	ng	99
34) Hexachlorobutadiene	8.32	225	227422	41.099	ng	98
35) Caprolactam	8.63	113	130728m	44.274	ng	
36) 4-Chloro-3-methylphenol	8.73	107	416494	45.072	ng	99
37) 2-Methylnaphthalene	8.90	142	869543	42.991	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	374916	37.059	ng	98
40) Hexachlorocyclopentadiene	9.05	237	470853	98.890	ng	99

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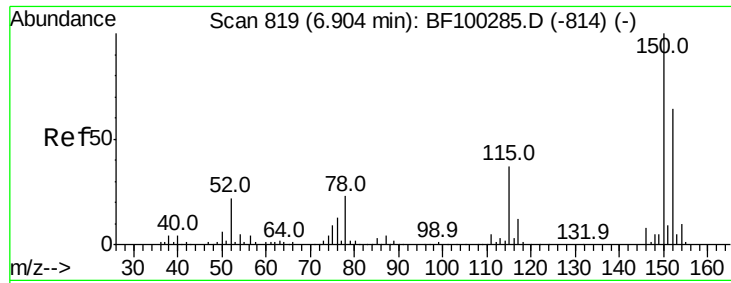
Manual Integrations
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 11/10/2017 1:15:11 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	299408	46.697	ng	100
43) 2,4,5-Trichlorophenol	9.21	196	309398	46.574	ng	96
45) 1,1'-Biphenyl	9.36	154	1027955	38.963	ng	99
46) 2-Chloronaphthalene	9.39	162	810274	42.335	ng	98
47) 2-Nitroaniline	9.48	65	275783	48.719	ng	91
48) Acenaphthylene	9.80	152	1293174	40.770	ng	99
49) Dimethylphthalate	9.66	163	979298	42.048	ng	100
50) 2,6-Dinitrotoluene	9.72	165	223167	48.408	ng	96
51) Acenaphthene	9.97	154	859290	44.544	ng	99
52) 3-Nitroaniline	9.89	138	142971	26.263	ng	92
53) 2,4-Dinitrophenol	10.00	184	192655	89.885	ng	# 14
54) Dibenzofuran	10.15	168	1131405	41.846	ng	98
55) 4-Nitrophenol	10.05	139	388989	87.999	ng	95
56) 2,4-Dinitrotoluene	10.13	165	302112	51.946	ng	98
57) Fluorene	10.49	166	849901	42.910	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	256454	47.103	ng	# 89
59) Diethylphthalate	10.36	149	968593	41.558	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	414164	42.625	ng	94
61) 4-Nitroaniline	10.51	138	238407	46.185	ng	94
62) Azobenzene	10.65	77	954683	43.491	ng	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	137870	46.186	ng	84
65) n-Nitrosodiphenylamine	10.60	169	837516	40.394	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	276810	43.304	ng	# 85
67) Hexachlorobenzene	11.04	284	286908	42.915	ng	# 84
68) Atrazine	11.13	200	273189	43.528	ng	97
69) Pentachlorophenol	11.23	266	342153	71.373	ng	98
70) Phenanthrene	11.46	178	1301108	41.442	ng	99
71) Anthracene	11.51	178	1348955	42.350	ng	99
72) Carbazole	11.66	167	1202669	40.920	ng	99
73) Di-n-butylphthalate	11.99	149	1517969	44.134	ng	99
74) Fluoranthene	12.64	202	1383471	41.578	ng	99
76) Benzidine	12.76	184	636977	36.770	ng	98
77) Pyrene	12.87	202	1394479	45.225	ng	99
79) Butylbenzylphthalate	13.49	149	610090	48.517	ng	# 96
80) Benzo(a)anthracene	14.06	228	1110272	42.623	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	195397	20.936	ng	97
82) Chrysene	14.10	228	1058148	41.949	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	801408	48.456	ng	99
84) Di-n-octyl phthalate	14.65	149	1259387	44.325	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	893015	43.769	ng	96
87) Benzo(b)fluoranthene	15.12	252	904238	44.044	ng	98
88) Benzo(k)fluoranthene	15.14	252	844775	43.549	ng	97
89) Benzo(a)pyrene	15.49	252	826367	45.403	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	742743	49.899	ng	97
91) Benzo(g,h,i)perylene	17.50	276	760310	52.181	ng	95

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



#1

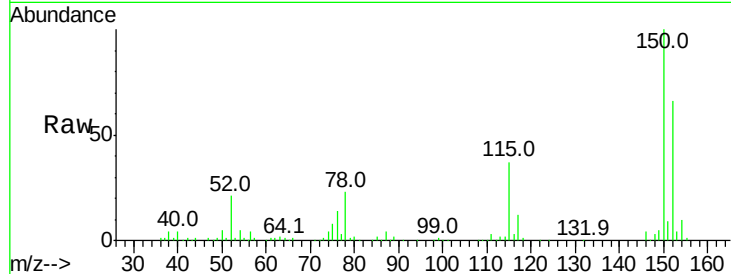
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

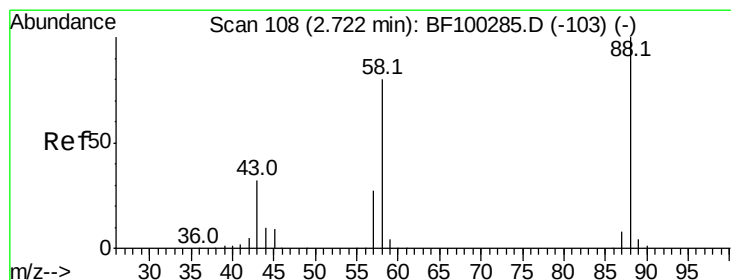
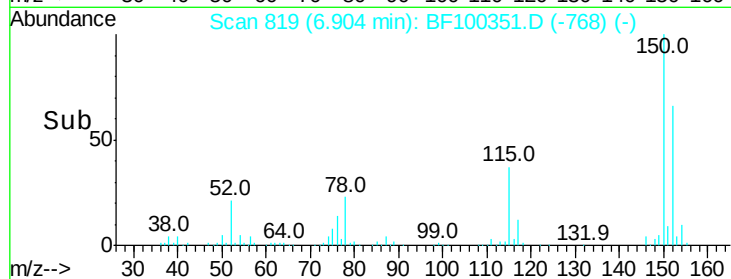
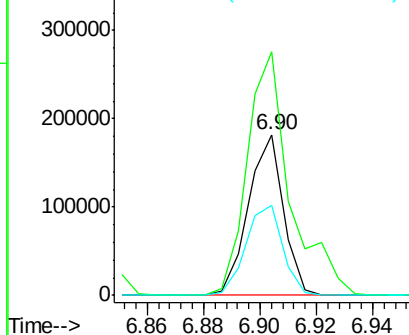
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	56.3	50.1	75.1

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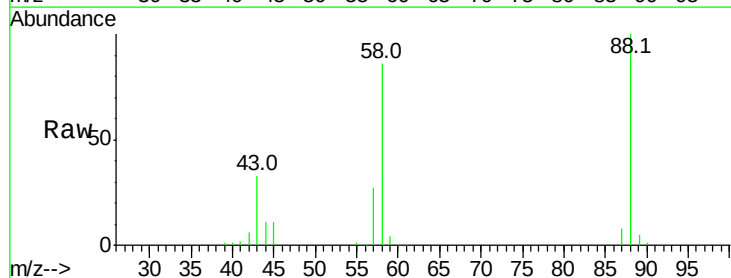
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



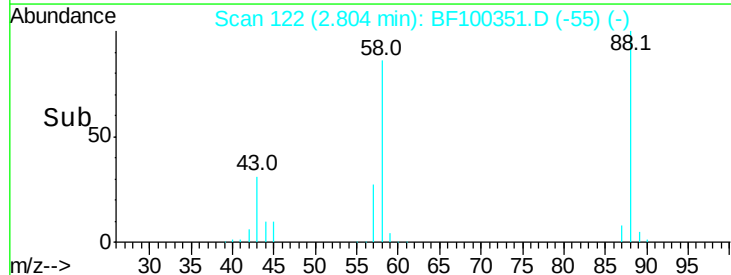
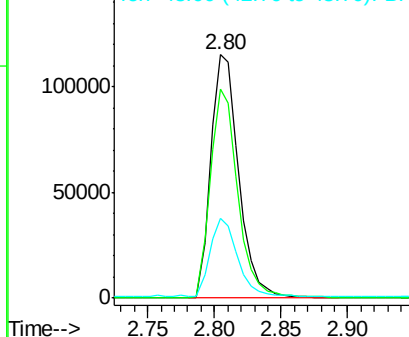
#2

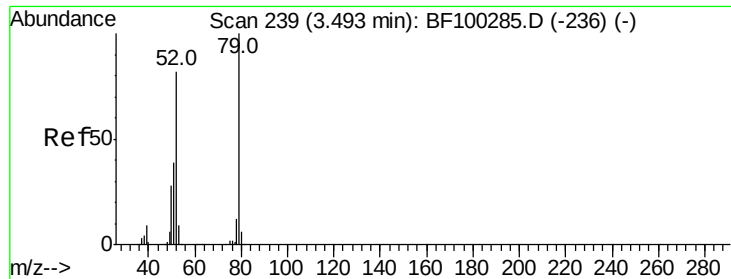
1,4-Dioxane
Concen: 35.775 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.09 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	62.6	93.8
43	31.4	24.6	37.0



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





#3

Pvridine

Concen: 37.473 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.08 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

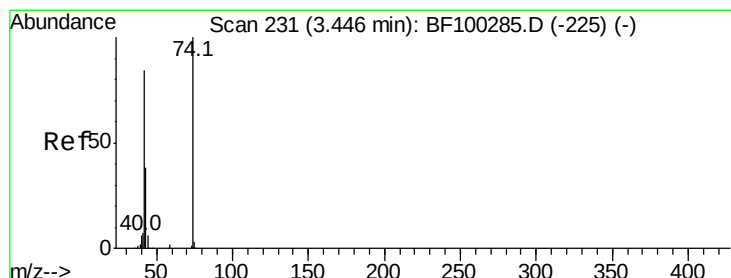
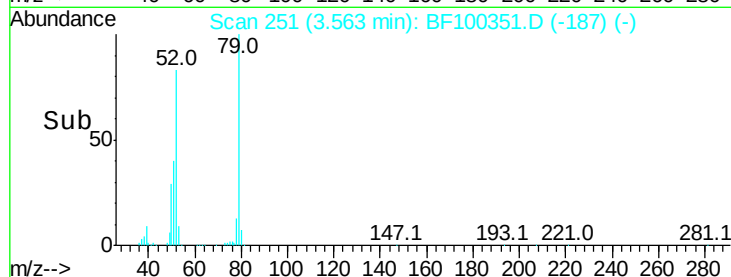
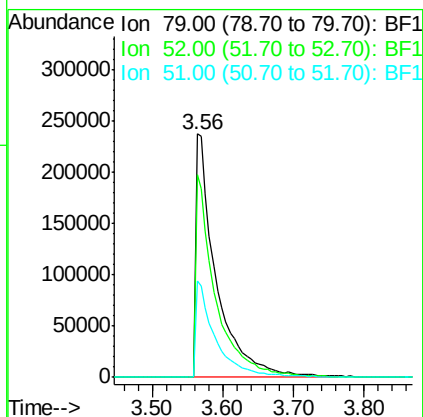
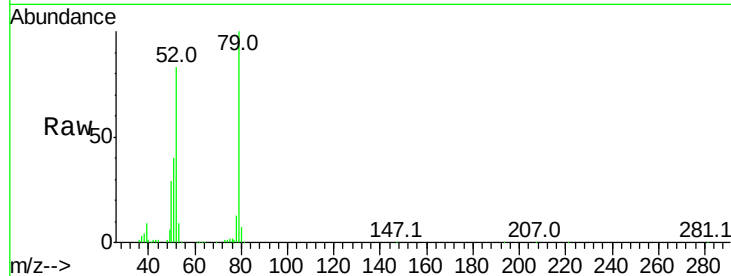
ClientSampleId :

PB104074BS

Tot Ion:	79	Resp:	486060
Ion Ratio	Lower	Upper	
79	100		
52	83.2	59.8	89.6
51	39.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.844 ng

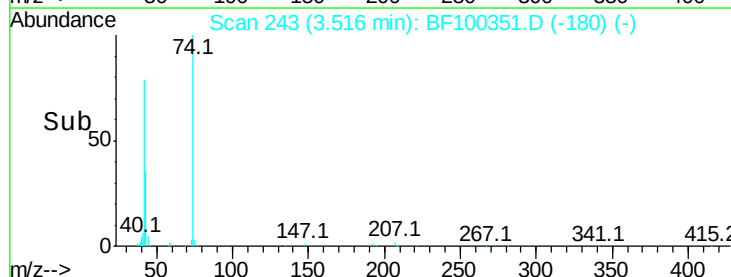
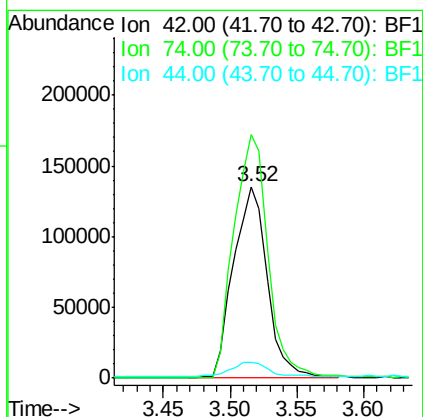
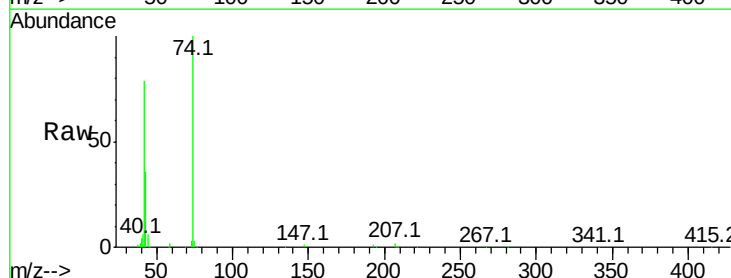
RT: 3.52 min Scan# 243

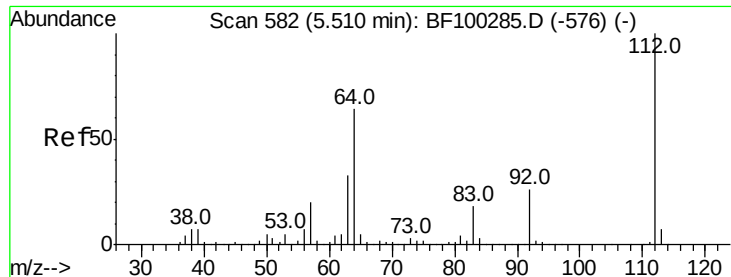
Delta R.T. 0.07 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	42	Resp:	238329
Ion Ratio	Lower	Upper	
42	100		
74	127.3	104.9	157.3
44	7.9	6.9	10.3





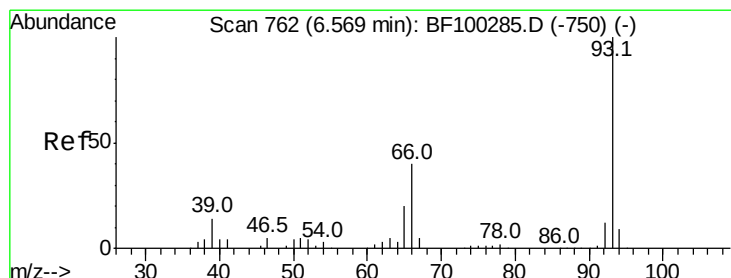
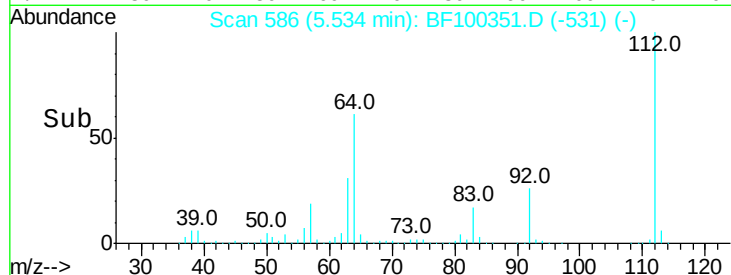
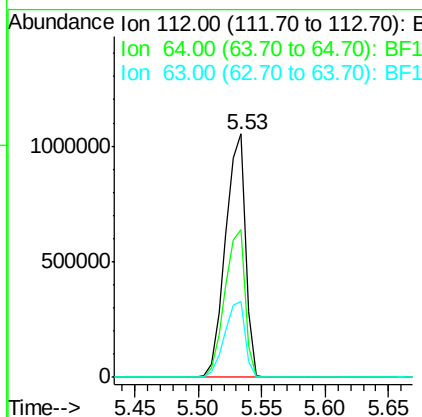
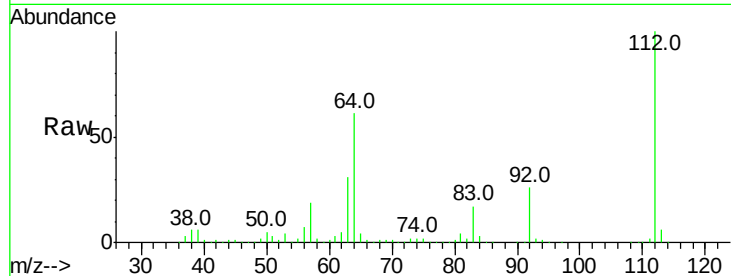
#5
2-Fluorophenol
Concen: 117.728 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.0	23.7	35.5

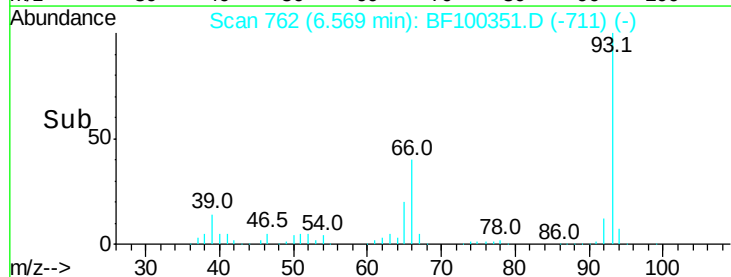
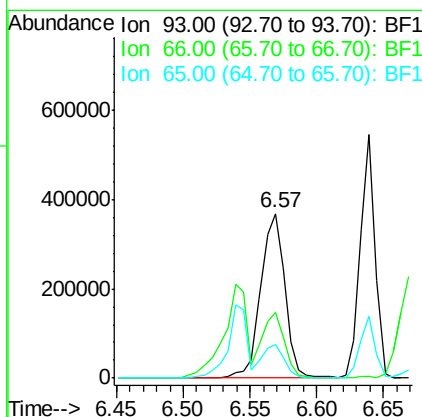
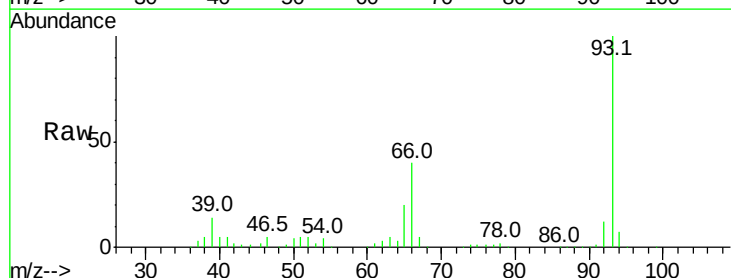
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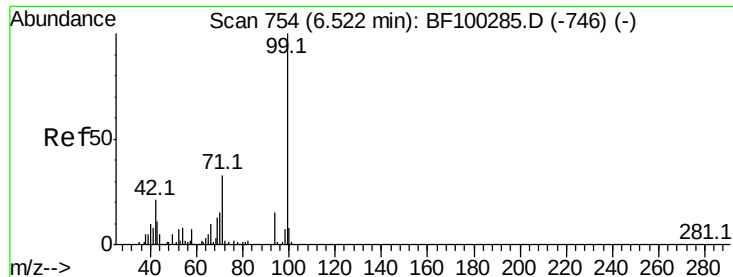
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#6
Aniline
Concen: 27.268 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.2	48.2
65	20.5	16.4	24.6





#7

Phenol-d6

Concen: 119.183 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampled :

PB104074BS

Tot Ion: 99 Resp: 1433798

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

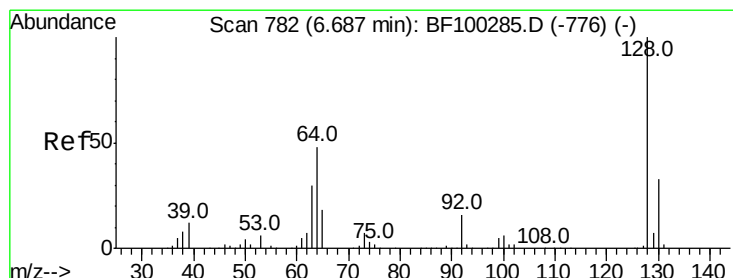
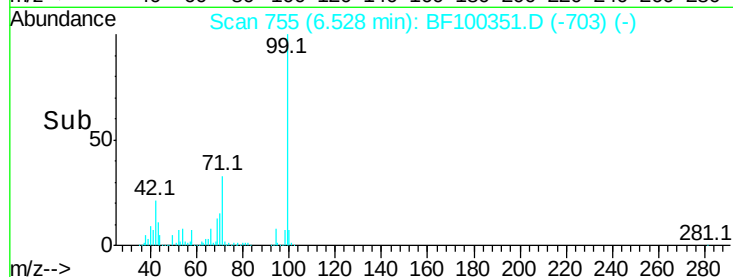
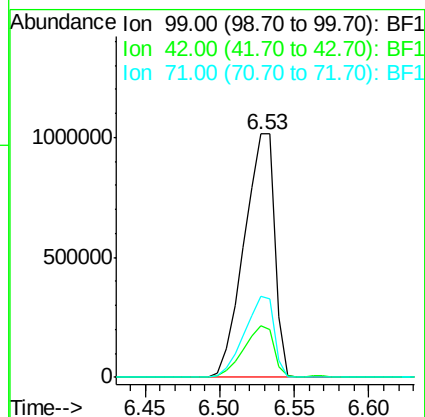
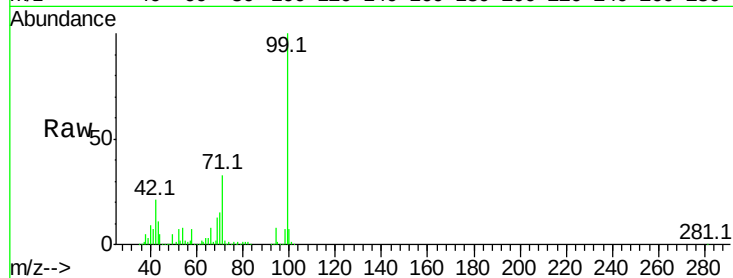
71 33.3 25.4 38.0

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#8

2-Chlorophenol

Concen: 42.040 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

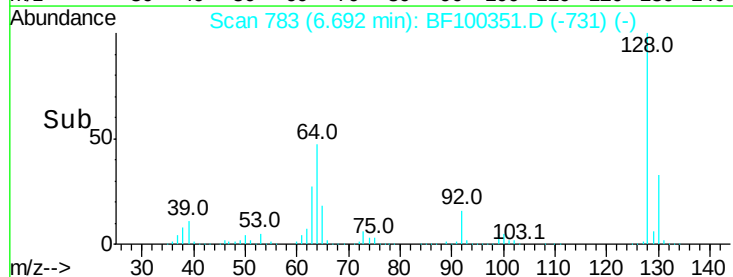
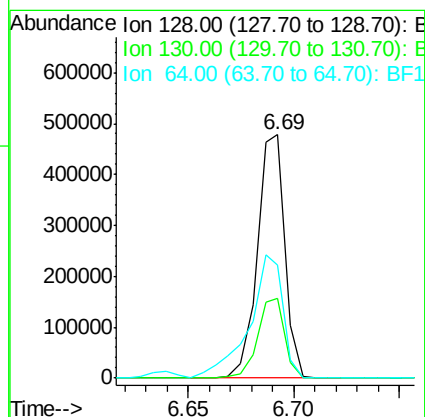
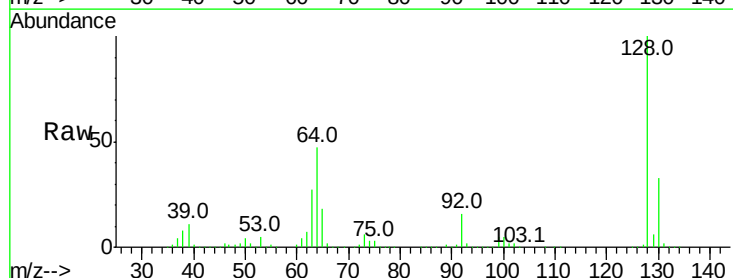
Tgt Ion: 128 Resp: 433879

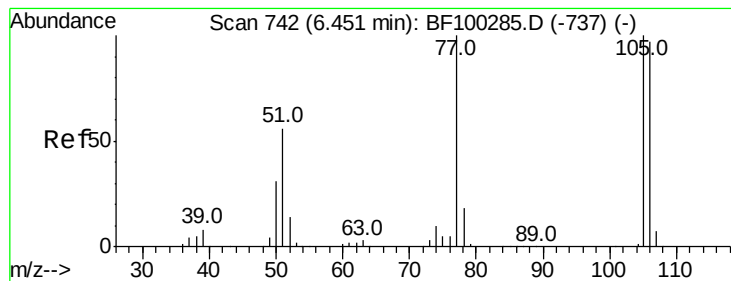
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 46.6 29.4 69.4





#9

Benzaldehyde

Concen: 30.187 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

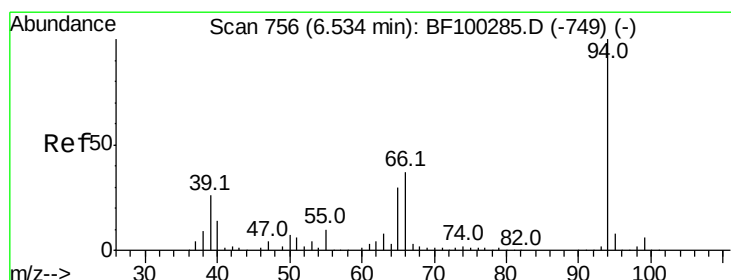
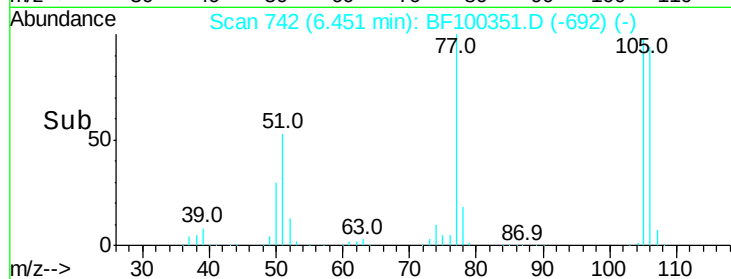
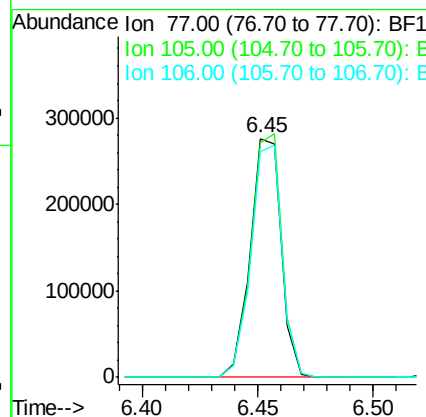
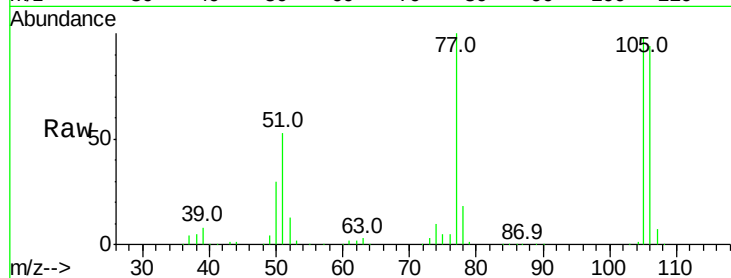
ClientSampleId :

PB104074BS

Tot Ion:	77	Resp:	259347
Ion Ratio	Lower	Upper	
77	100		
105	98.5	81.1	121.1
106	94.4	74.5	114.5

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#10

Phenol

Concen: 41.147 ng m

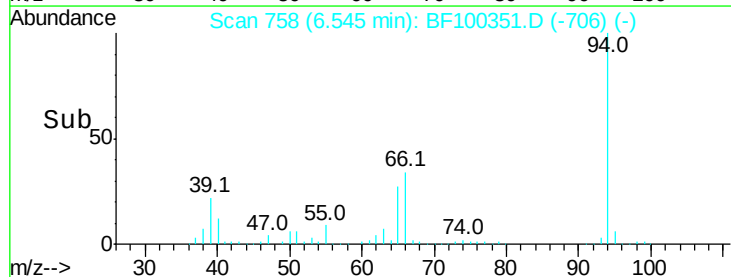
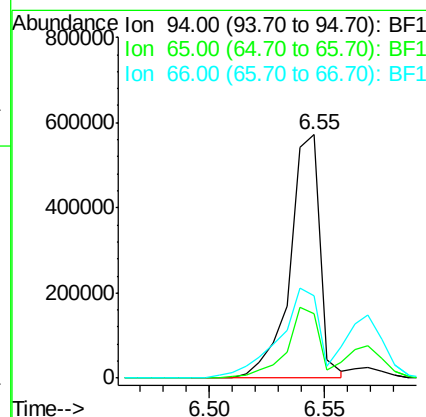
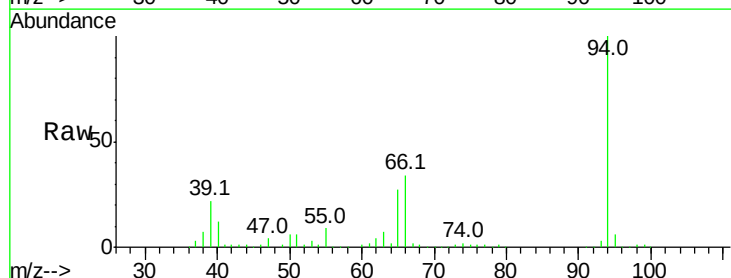
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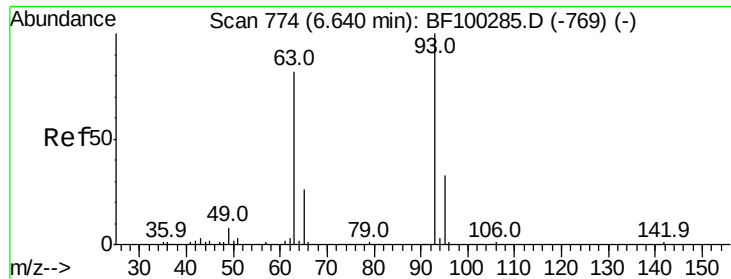
Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	94	Resp:	519658
Ion Ratio	Lower	Upper	
94	100		
65	26.6	7.9	47.9
66	34.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.624 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

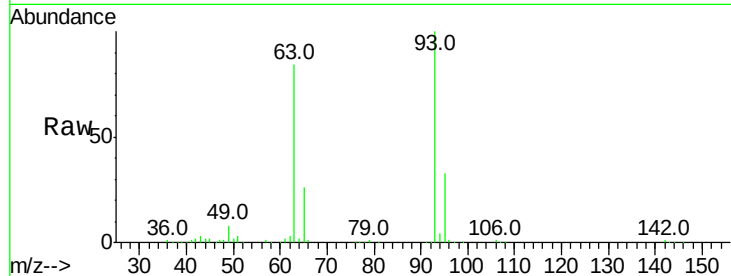
PB104074BS

Tot Ion: 93 Resp: 420329

Ion	Ratio	Lower	Upper
93	100		
63	84.3	58.6	98.6
95	32.8	11.8	51.8

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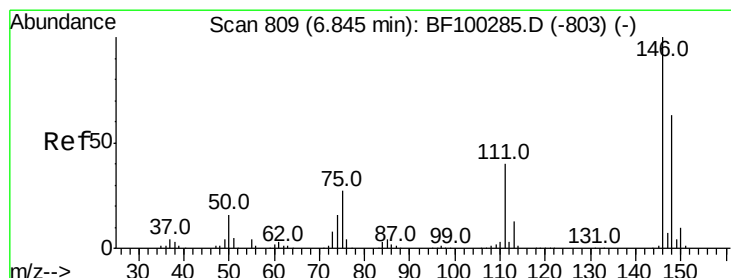
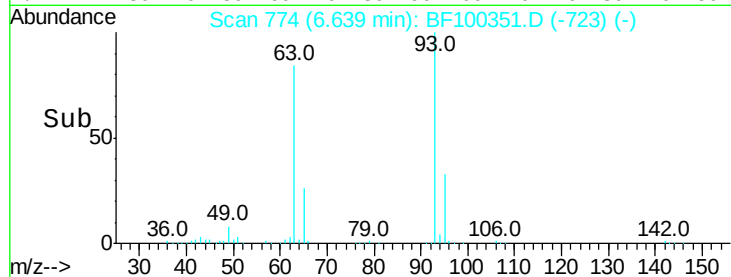
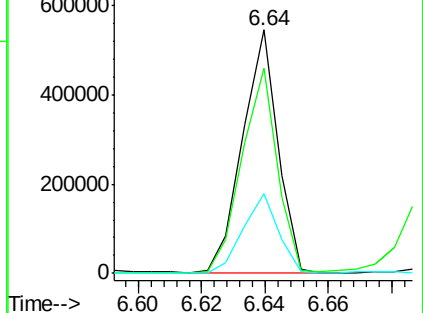
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.973 ng

RT: 6.85 min Scan# 809

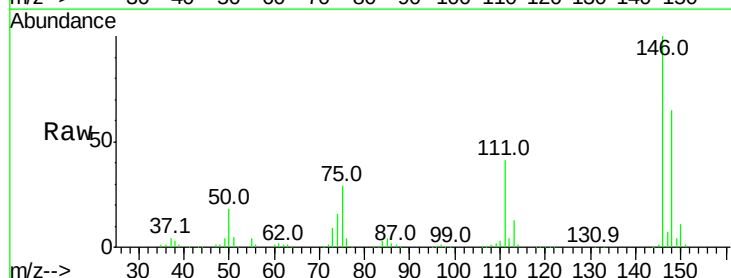
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion: 146 Resp: 475640

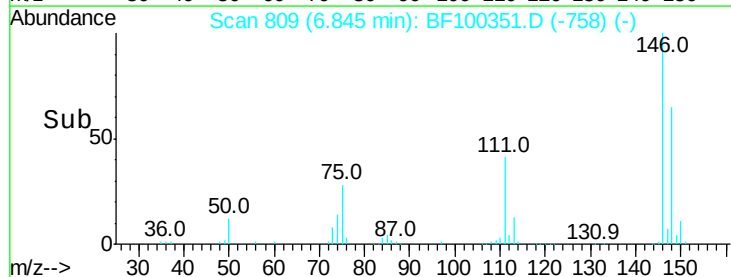
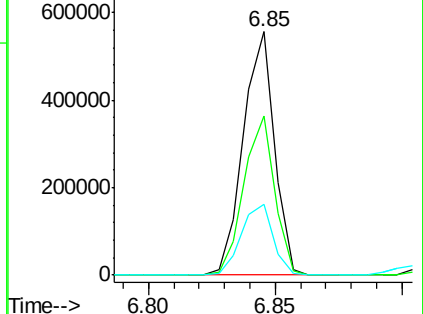
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	29.1	24.2	36.4

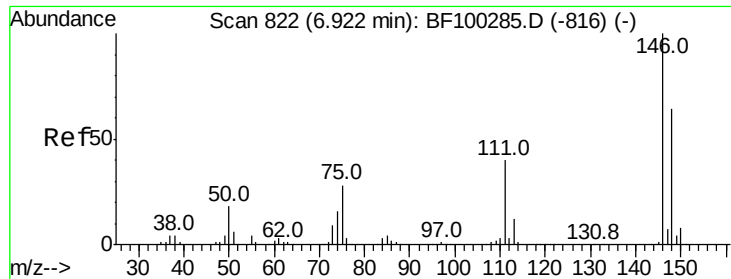


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





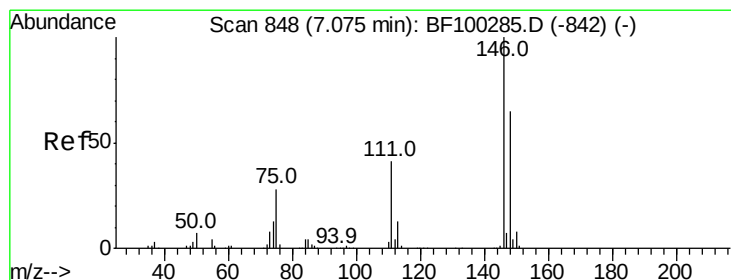
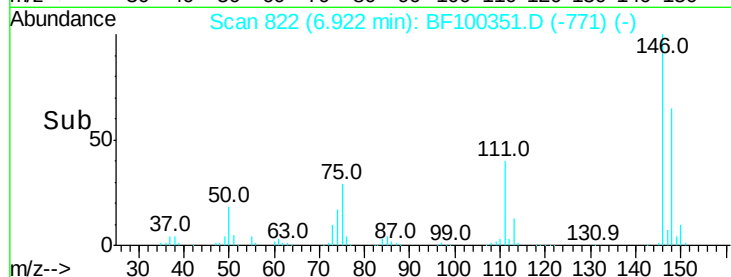
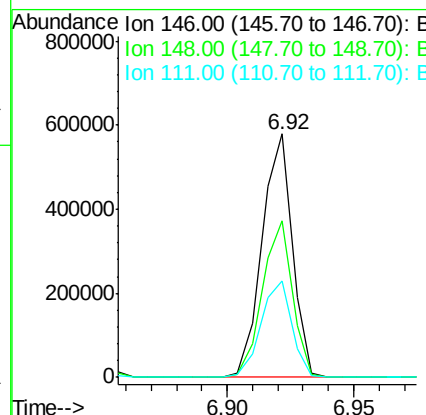
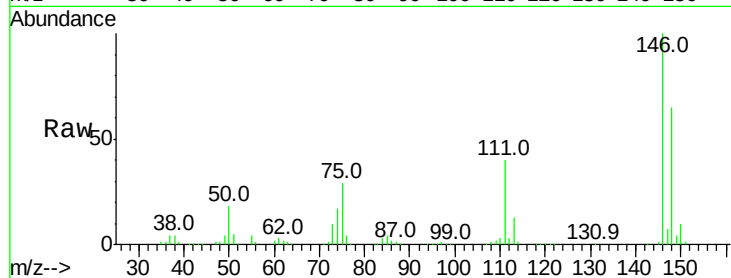
#13
 1,4-Dichlorobenzene
 Concen: 40.354 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	39.8	34.2	51.2

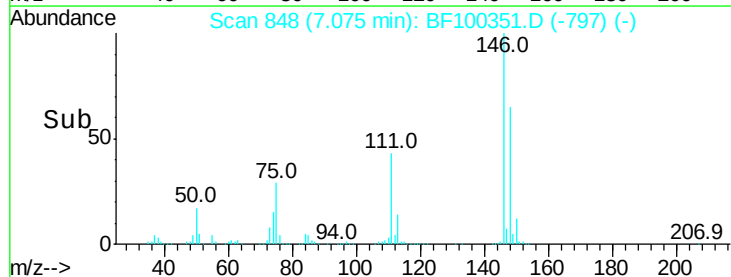
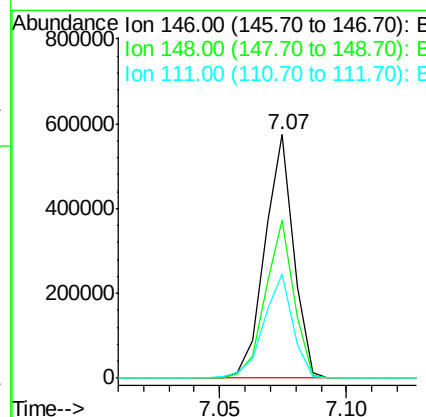
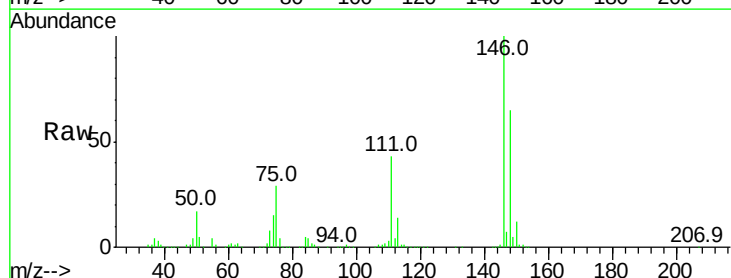
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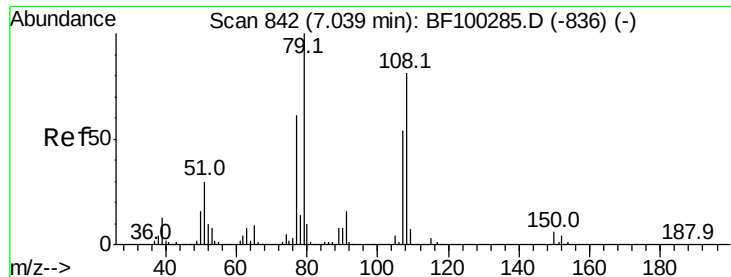
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.390 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.275 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampled :

PB104074BS

Tot Ion: 79 Resp: 396918

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

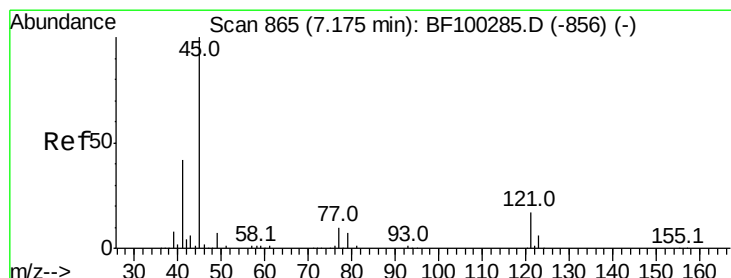
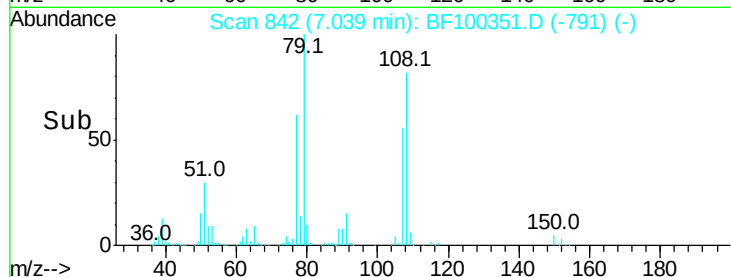
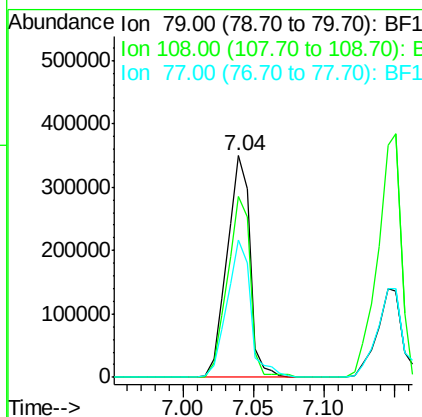
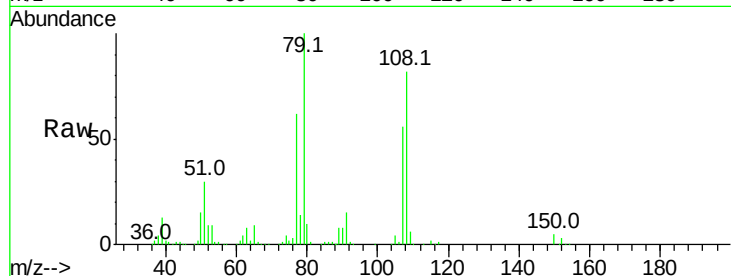
77 62.0 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.655 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

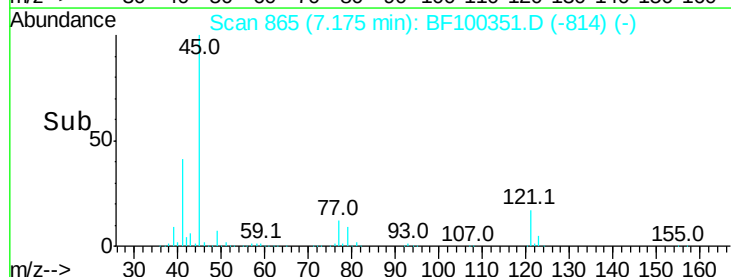
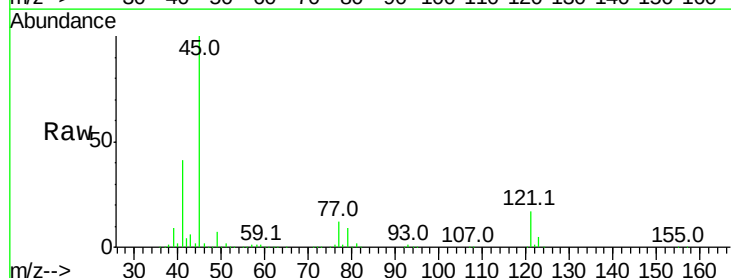
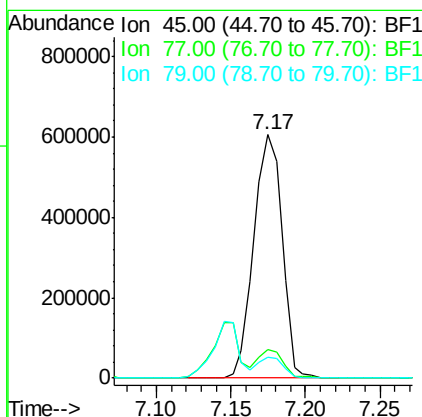
Tgt Ion: 45 Resp: 791557

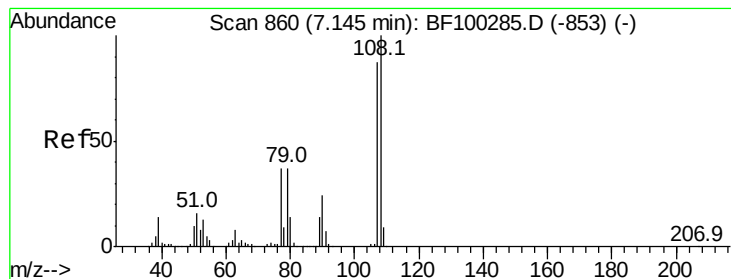
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 8.6 0.0 29.6





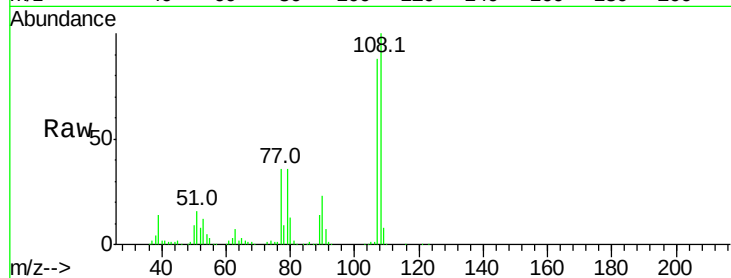
#17
2-Methylphenol
Concen: 43.529 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

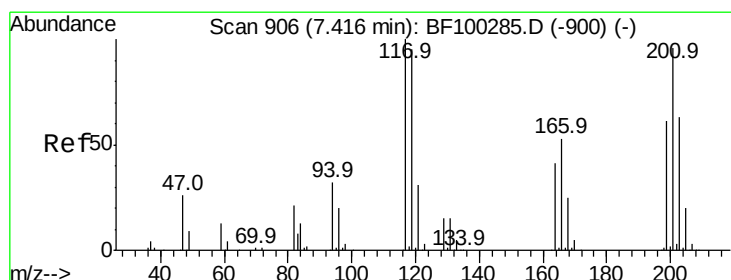
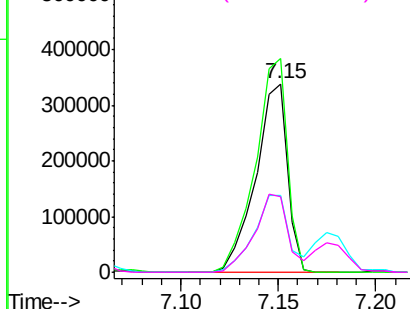
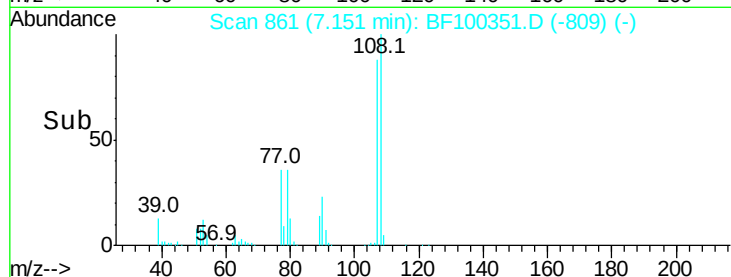
Tot Ion:	107	Resp:	383916
Ion Ratio	Lower	Upper	
107	100		
108	113.5	91.7	137.5
77	41.2	33.8	50.8
79	40.4	33.8	50.8

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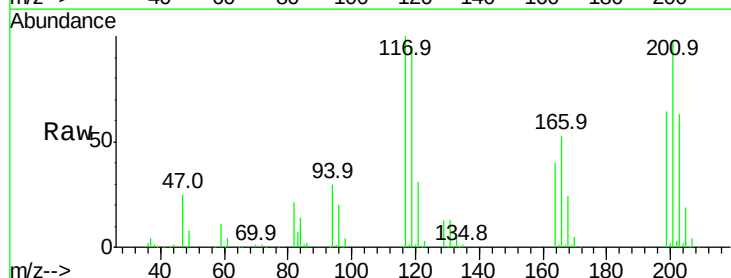


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

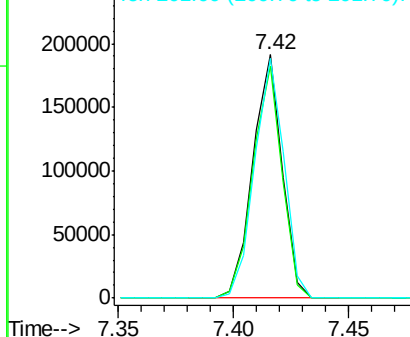
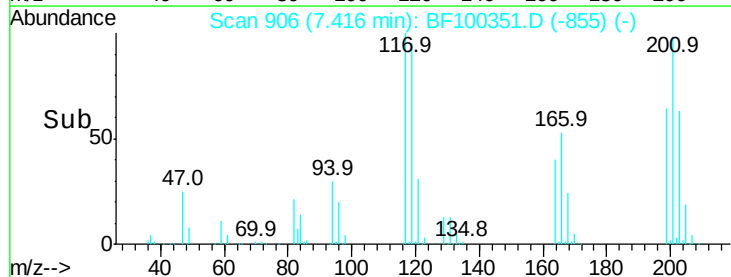


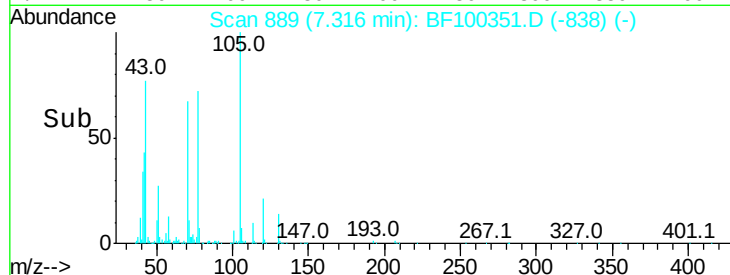
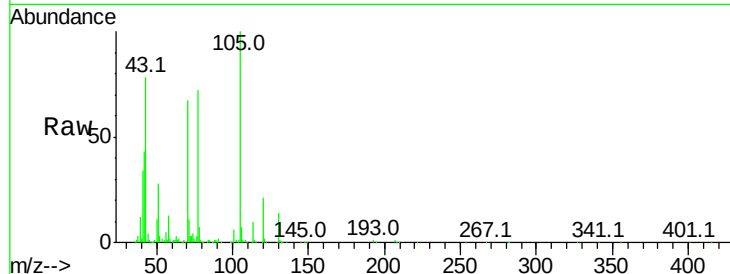
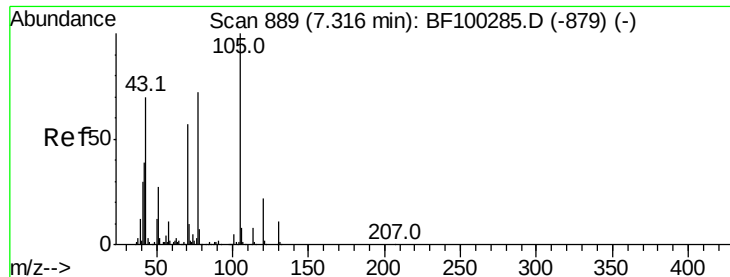
#18
Hexachloroethane
Concen: 42.790 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:	117	Resp:	169911
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.8	113.8
201	98.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
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: 38.005 ng

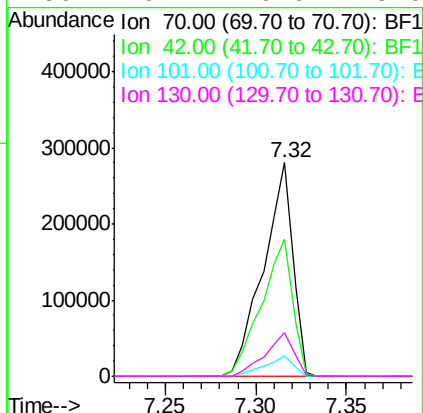
RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

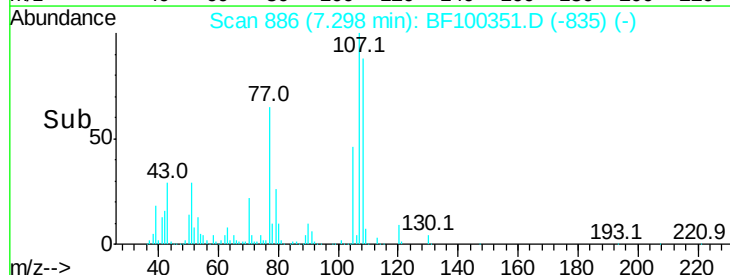
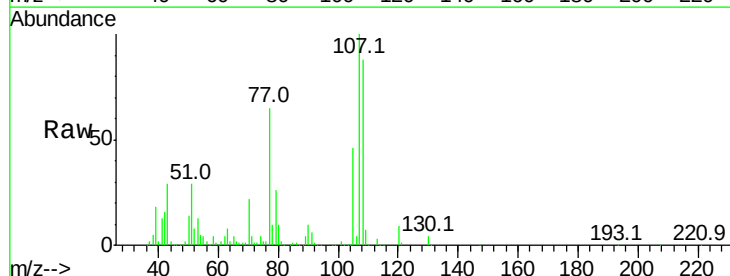
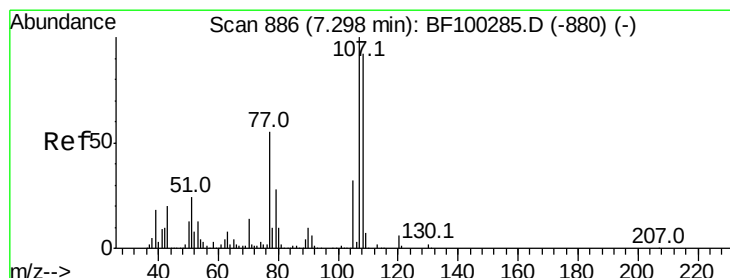
Tot Ion	70	Resp	317075
Ion Ratio	Lower	Upper	
70	100		
42	63.9	47.5	71.3
101	9.4	7.4	11.2
130	20.1	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
PB104074BS

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#20

3+4-Methylphenols

Concen: 41.348 ng

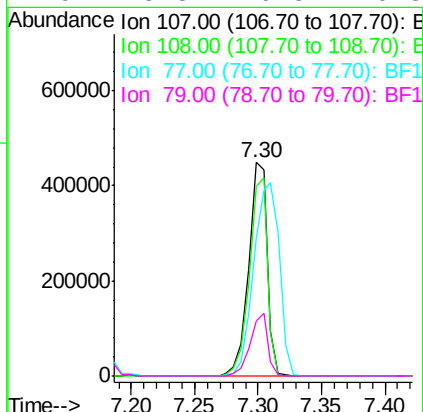
RT: 7.30 min Scan# 886

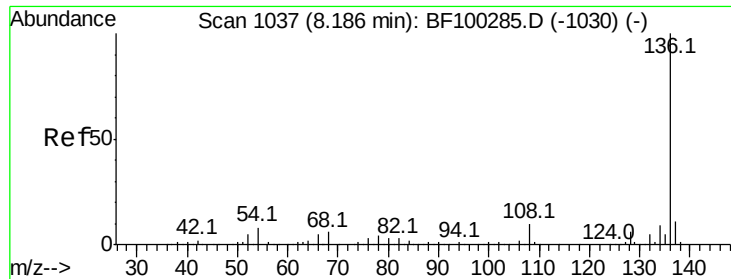
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion	107	Resp	461474
Ion Ratio	Lower	Upper	
107	100		
108	88.5	68.2	108.2
77	64.5	26.7	66.7
79	25.8	6.3	46.3





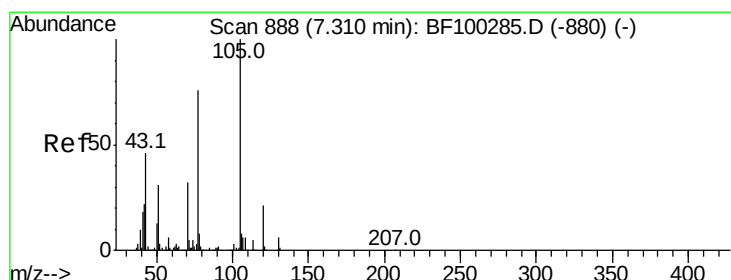
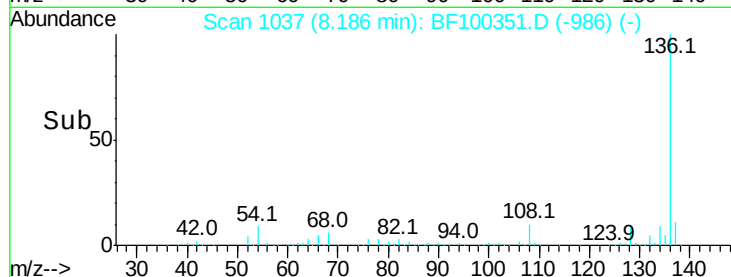
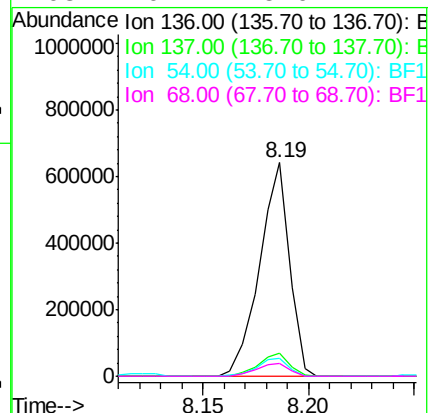
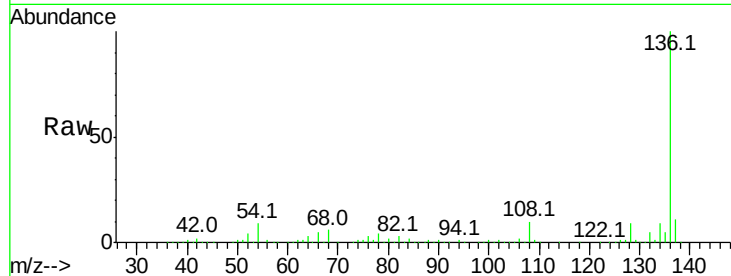
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	8.5	6.6	9.8	
68	6.1	5.0	7.4	

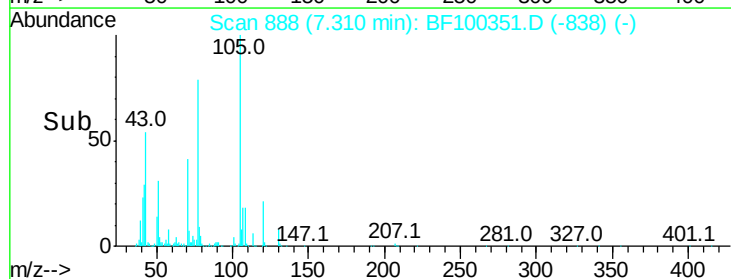
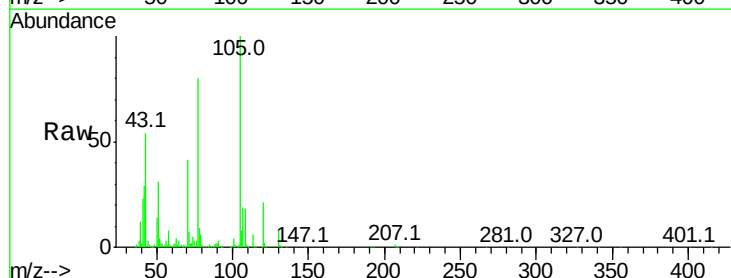
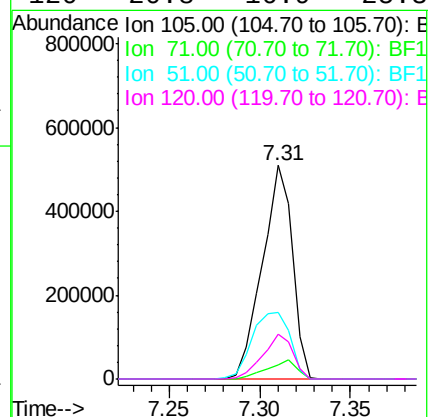
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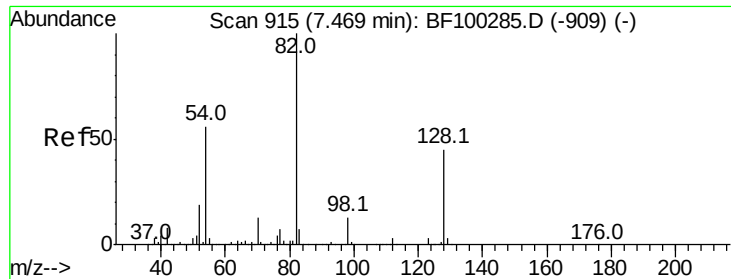
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#22
Acetophenone
Concen: 38.221 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.4	6.6#	
51	31.4	22.3	33.5	
120	20.8	16.9	25.3	





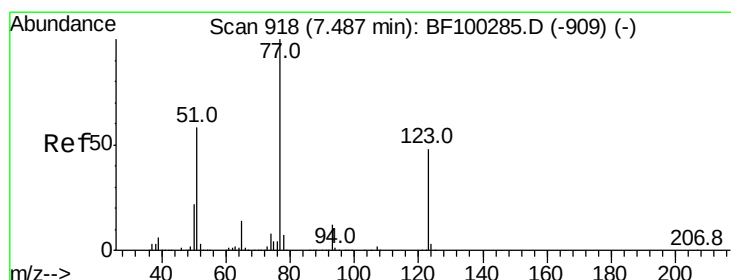
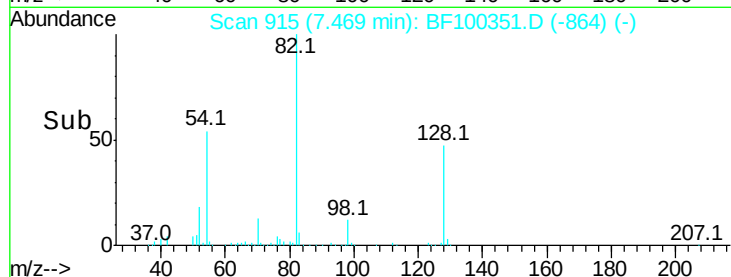
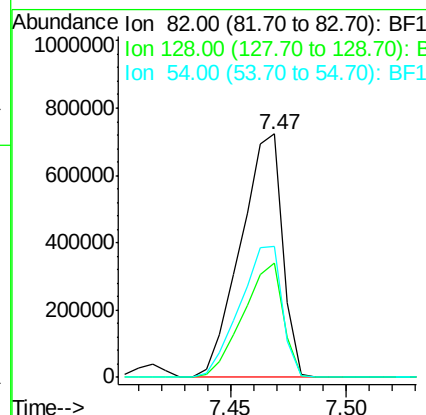
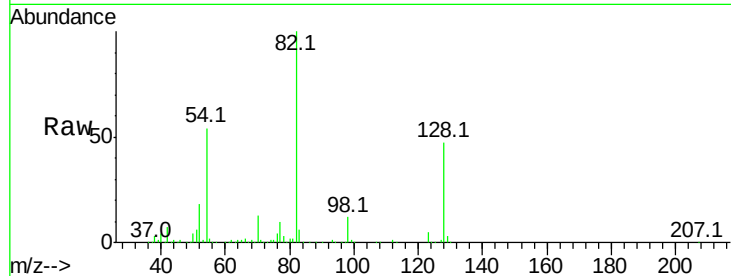
#23
Nitrobenzene-d5
Concen: 95.585 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :
PB104074BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	53.6	41.4	62.2

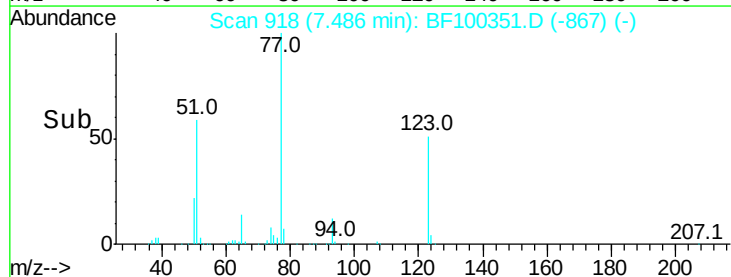
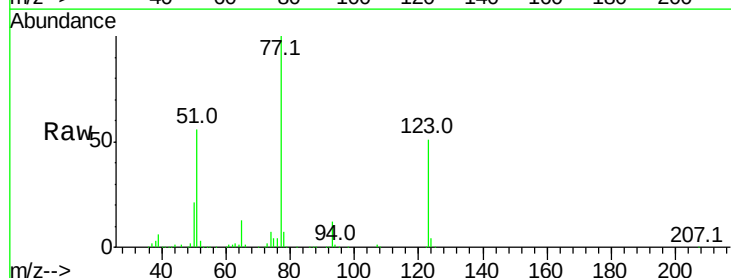
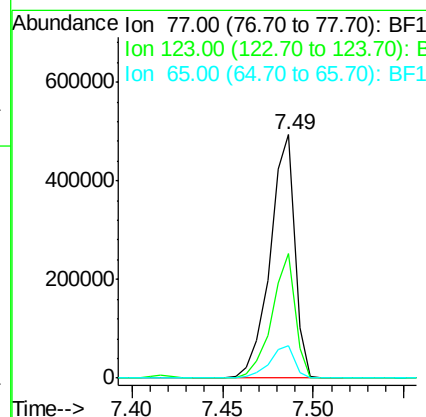
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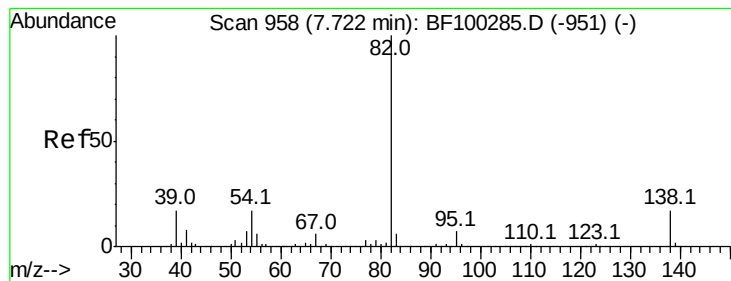
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#24
Nitrobenzene
Concen: 47.636 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 44.579 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

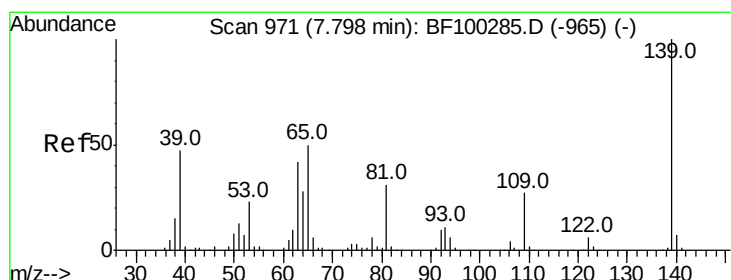
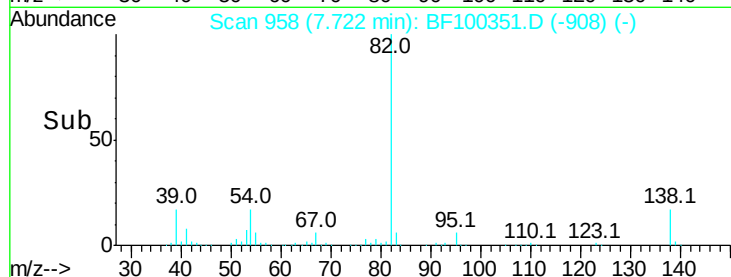
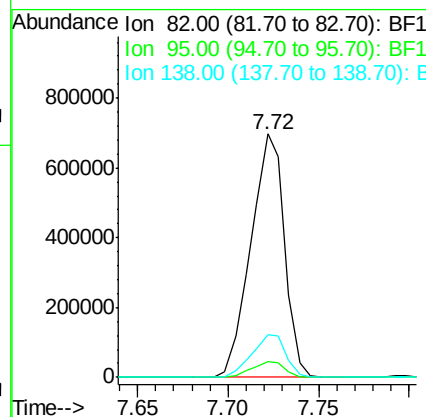
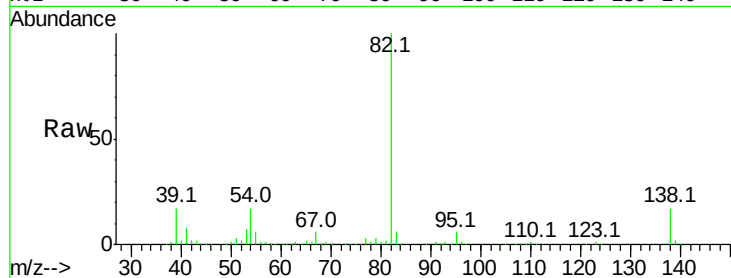
ClientSampleId :

PB104074BS

Tot Ion:	82	Resp:	896250
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.301 ng

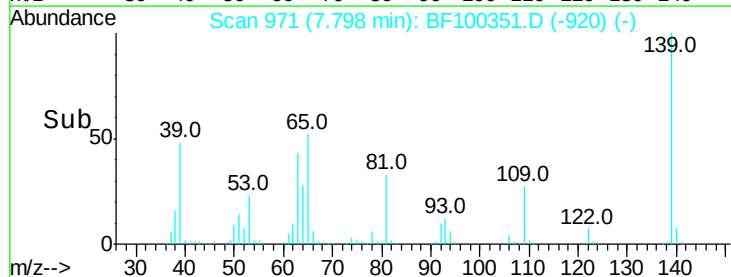
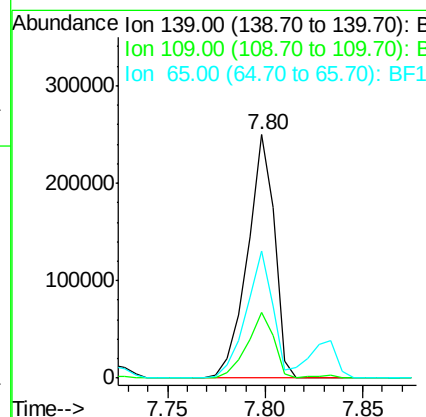
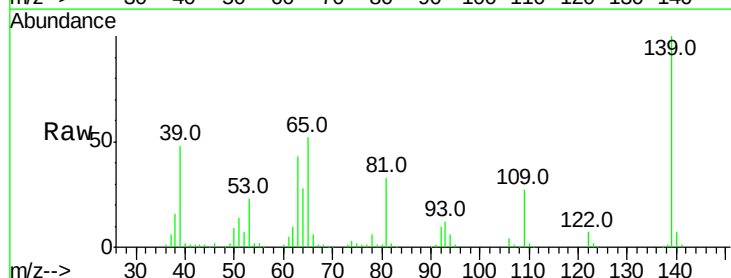
RT: 7.80 min Scan# 971

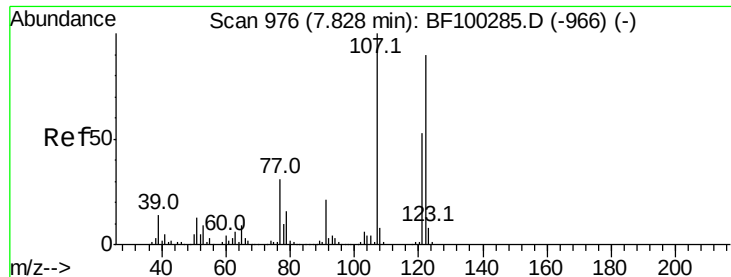
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	139	Resp:	238774
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	52.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 48.900 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

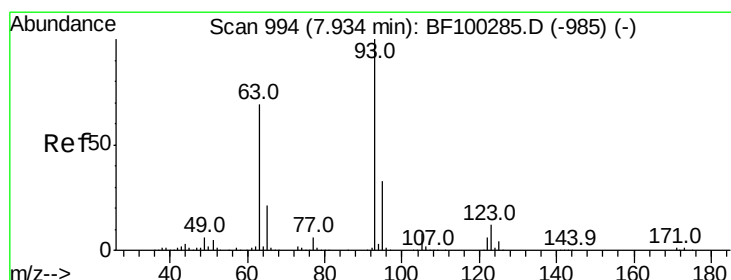
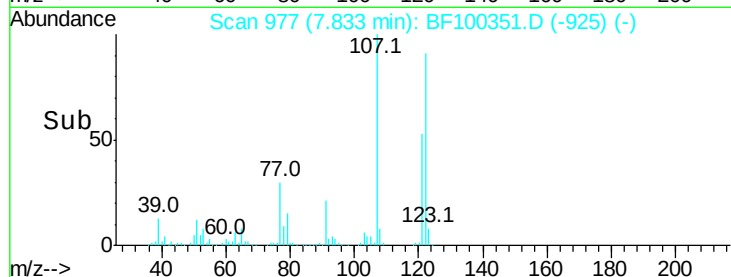
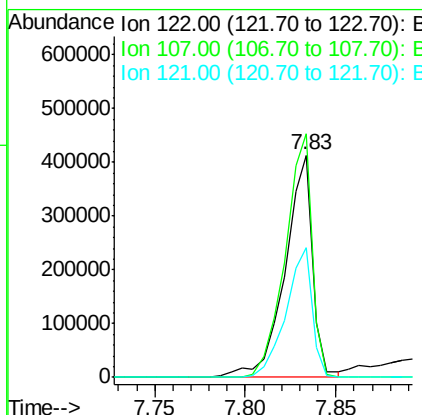
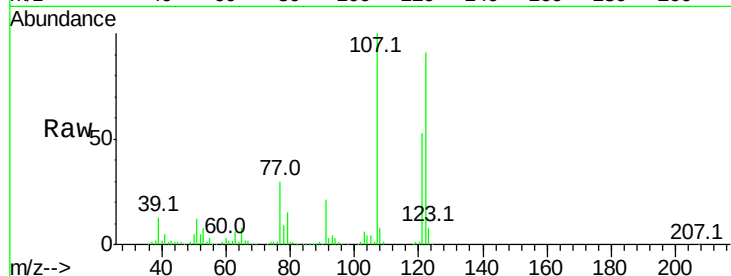
ClientSampled :

PB104074BS

Tot Ion:	122	Resp:	440717
Ion Ratio	Lower	Upper	
122	100		
107	109.5	91.2	136.8
121	58.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.426 ng

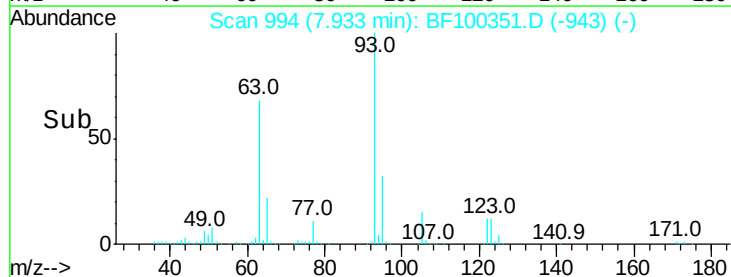
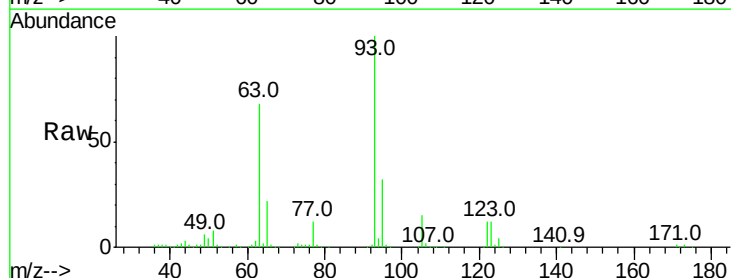
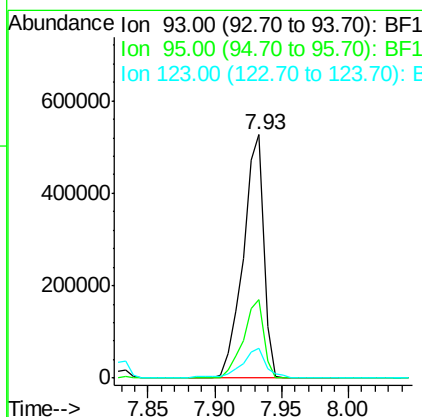
RT: 7.93 min Scan# 994

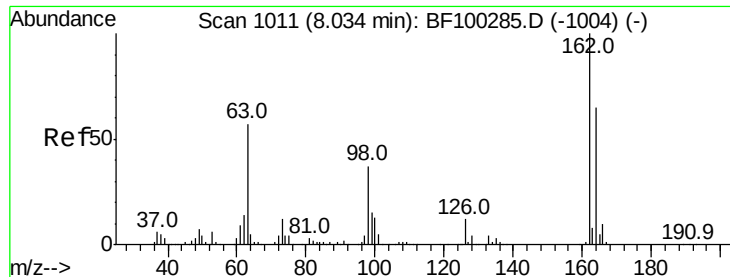
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	93	Resp:	557938
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	12.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 45.855 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

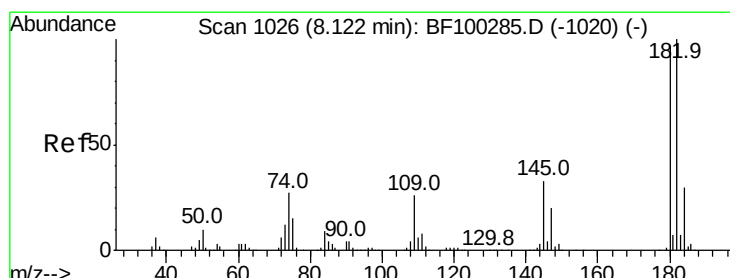
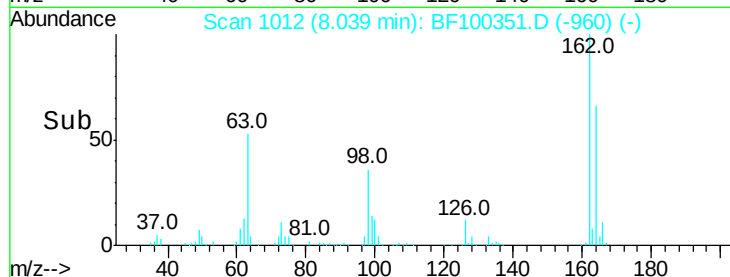
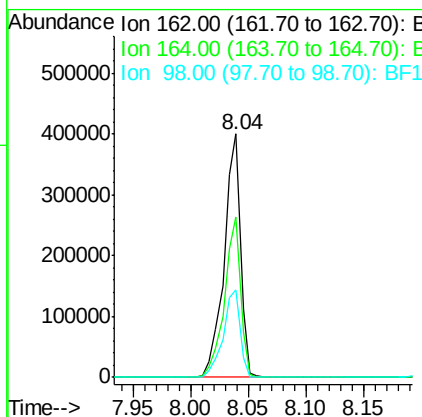
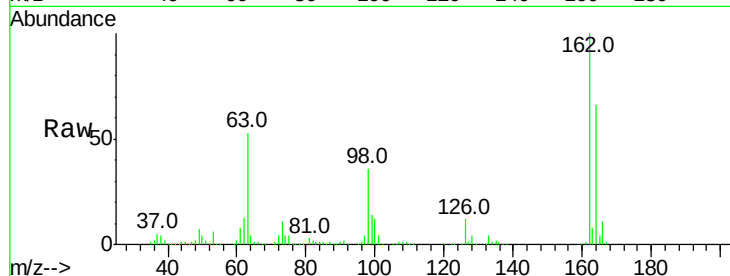
ClientSampled :

PB104074BS

Tot Ion:	162	Resp:	394534
Ion Ratio	Lower	Upper	
162	100		
164	66.1	42.7	82.7
98	35.8	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 42.067 ng

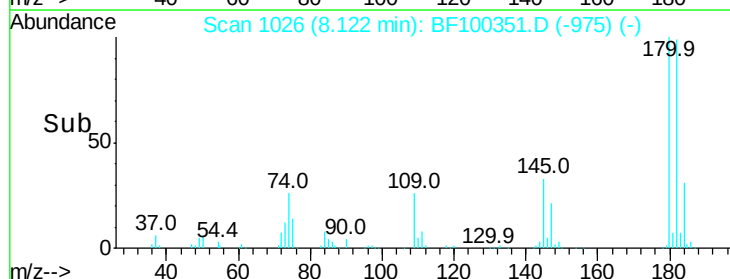
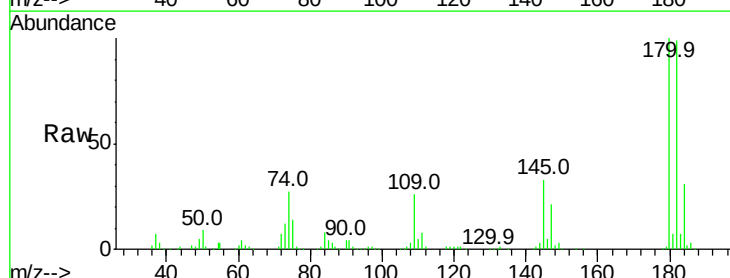
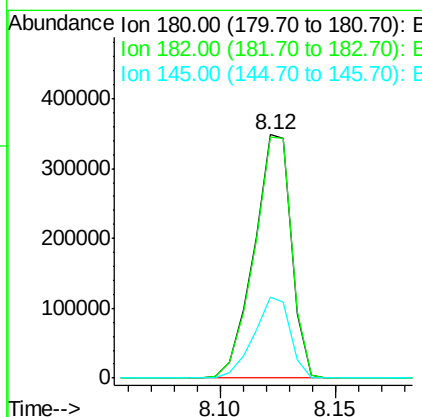
RT: 8.12 min Scan# 1026

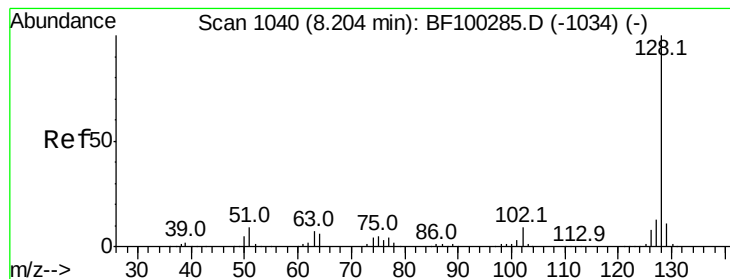
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	180	Resp:	391511
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.8	115.2
145	33.4	26.5	39.7





#31

Naphthalene

Concen: 41.457 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB104074BS

Tot Ion:128 Resp: 1263008

Ion Ratio Lower Upper

128 100

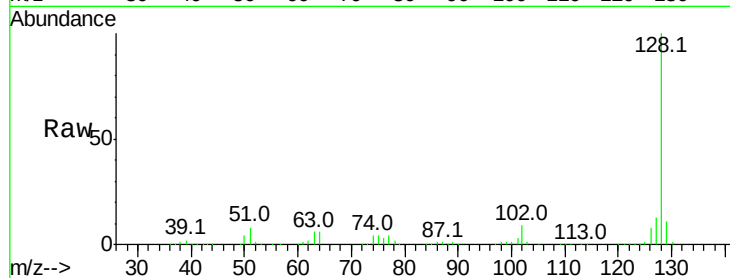
129 11.1 8.8 13.2

127 13.3 10.9 16.3

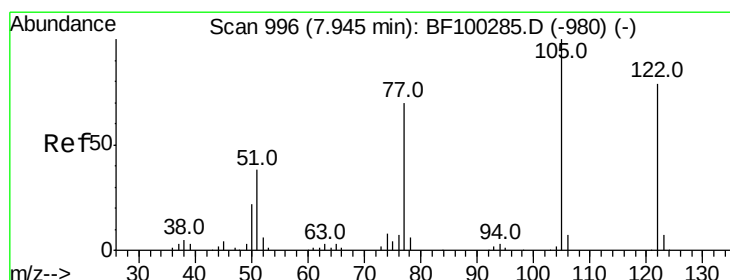
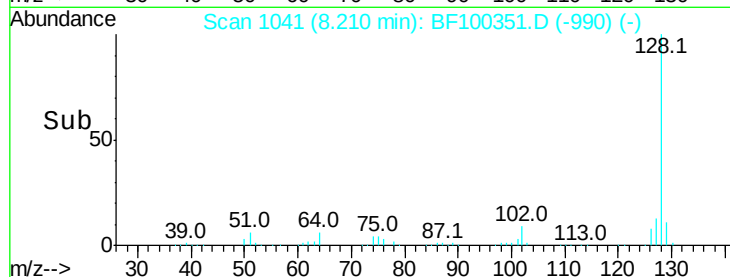
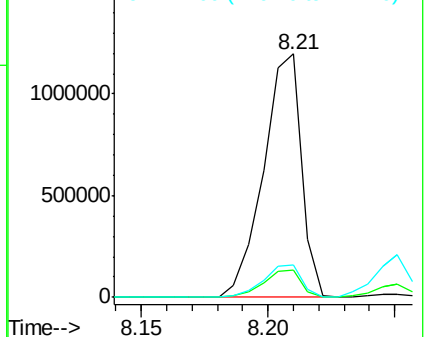
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.305 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

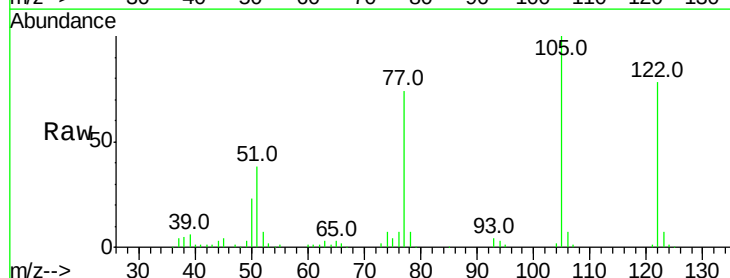
Tgt Ion:122 Resp: 291009

Ion Ratio Lower Upper

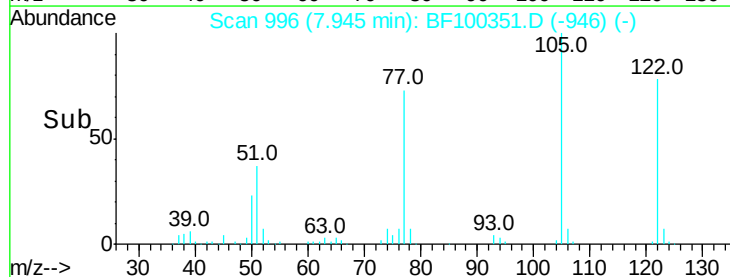
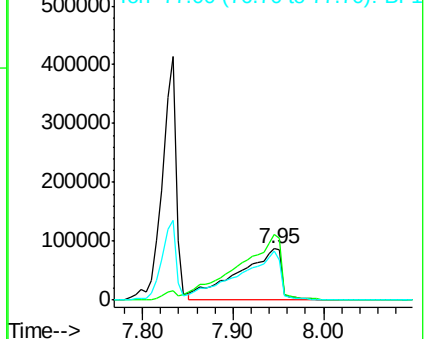
122 100

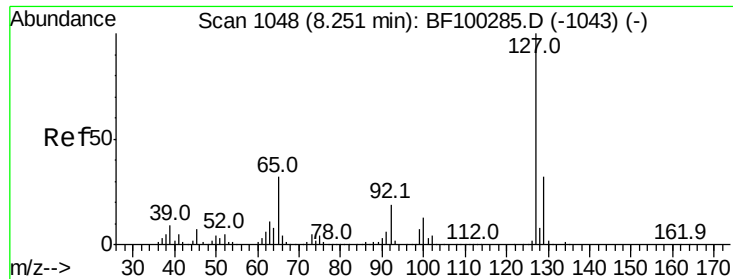
105 127.4 101.1 141.1

77 94.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





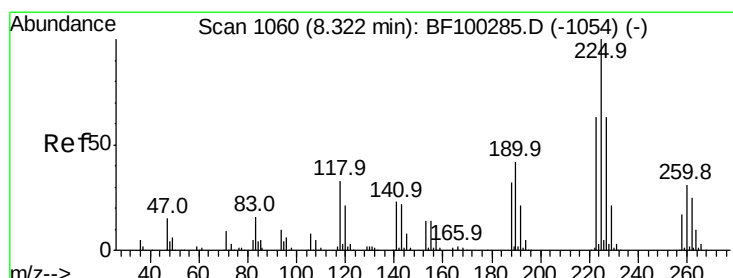
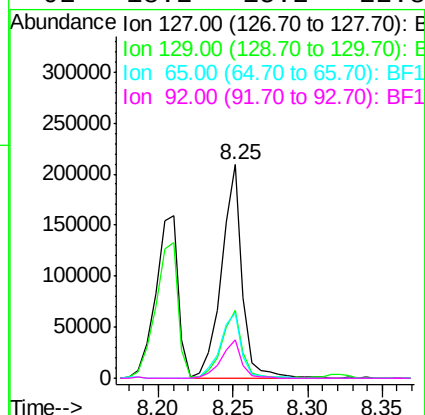
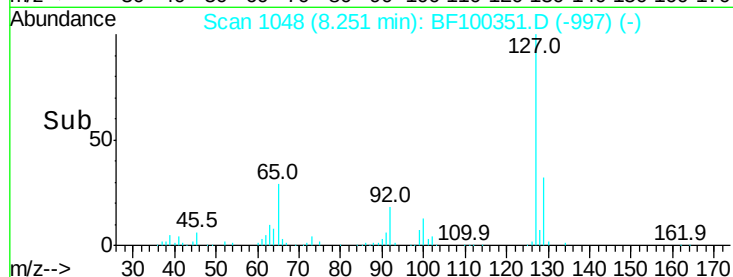
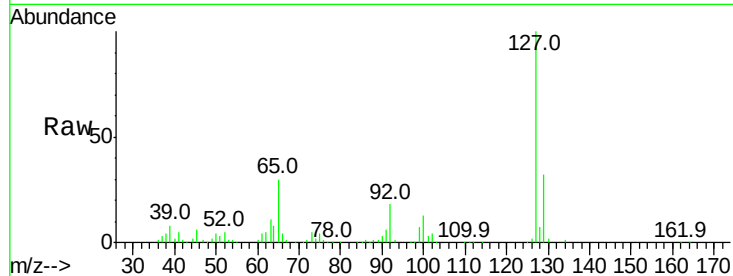
#33
4-Chloroaniline
Concen: 15.880 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.9	38.9		
65	30.3	25.0	37.4		
92	18.2	15.2	22.8		

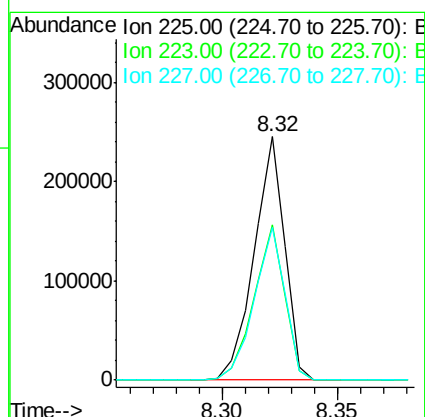
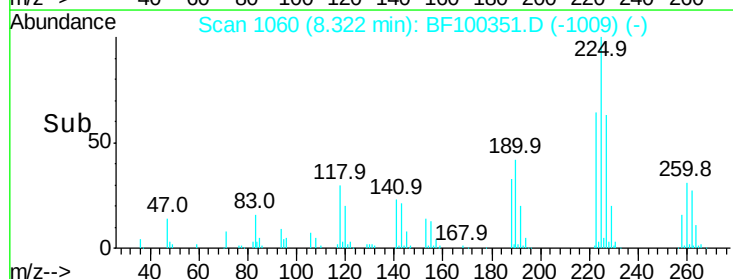
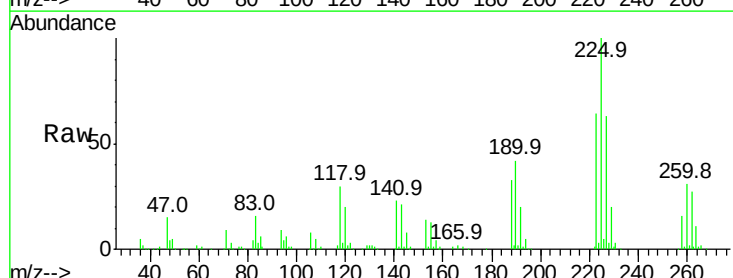
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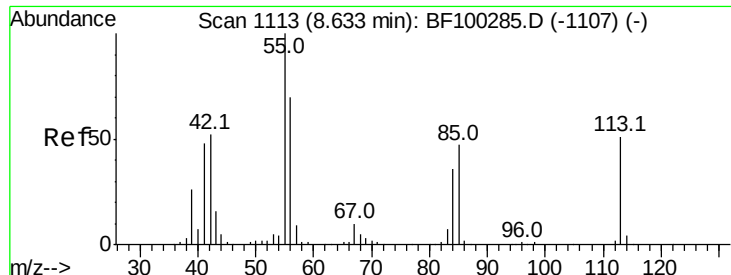
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#34
Hexachlorobutadiene
Concen: 41.099 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.6	76.0		
227	62.7	51.9	77.9		





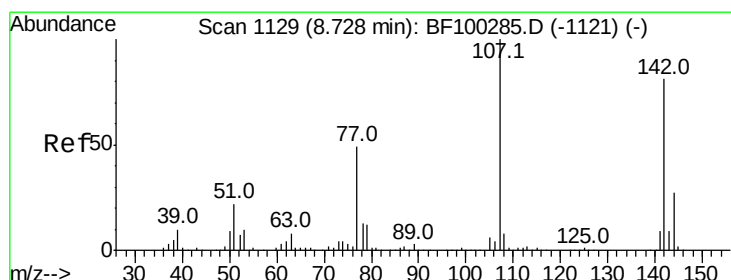
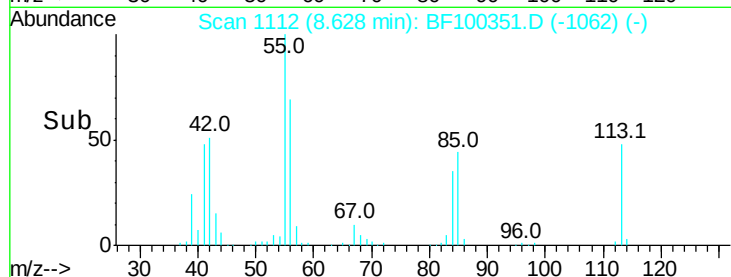
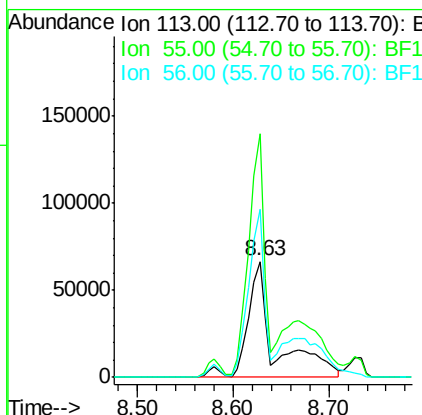
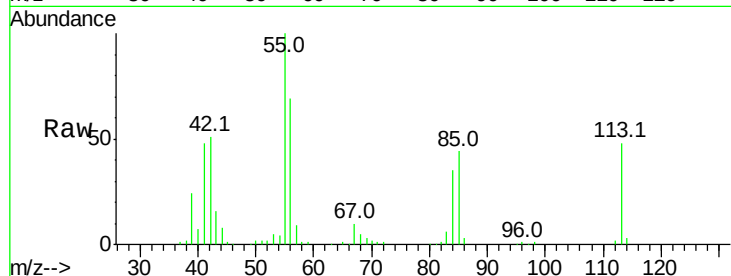
#35
Caprolactam
Concen: 44.274 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleID :
PB104074BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.2	163.3	203.3#
56	145.2	115.7	155.7

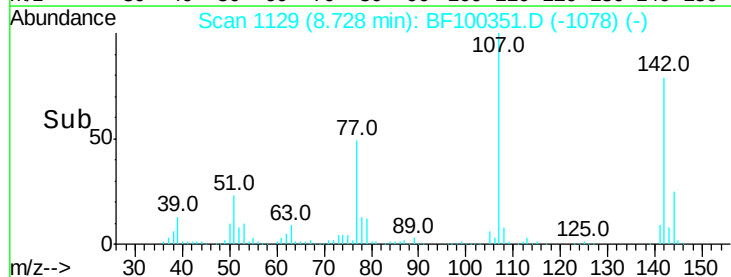
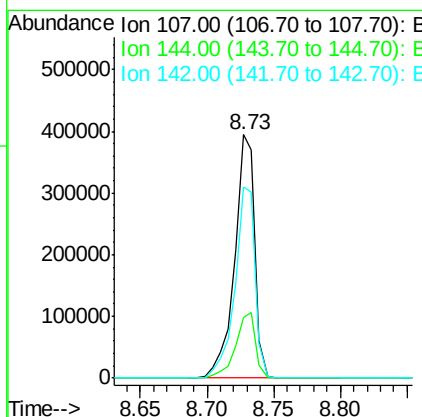
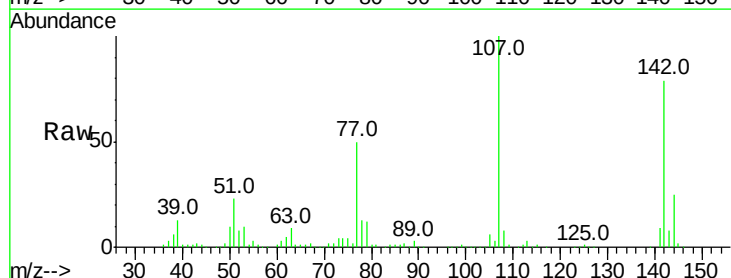
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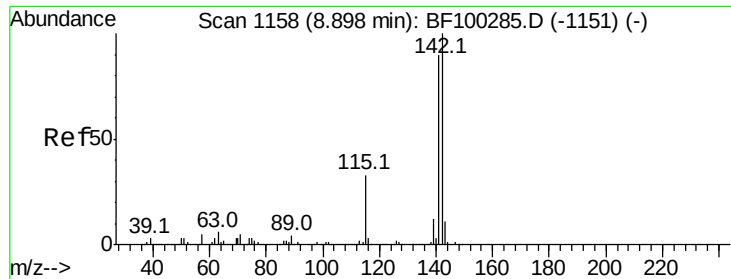
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 45.072 ng/ml
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	78.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 42.991 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

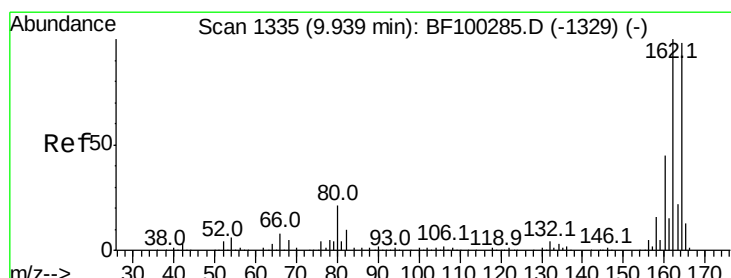
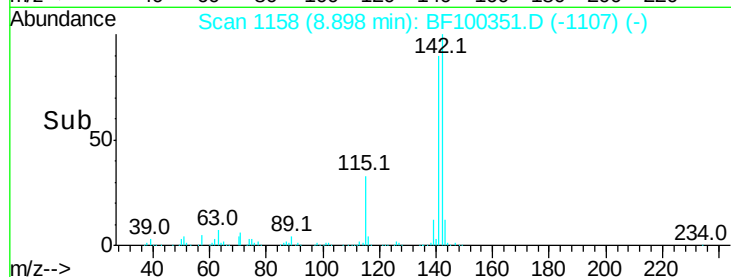
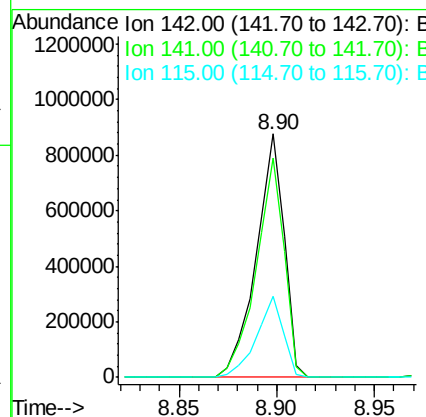
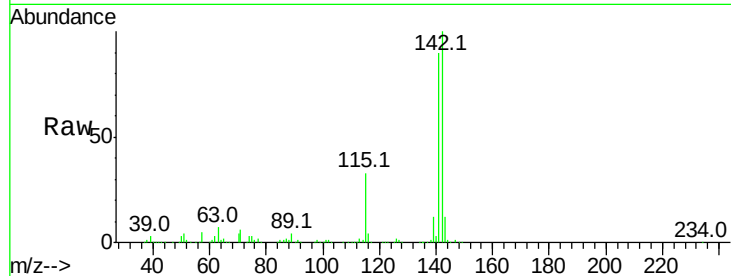
ClientSampled :

PB104074BS

Tot Ion:	142	Resp:	869543
Ion Ratio	Lower	Upper	
142	100		
141	89.9	70.8	106.2
115	33.3	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

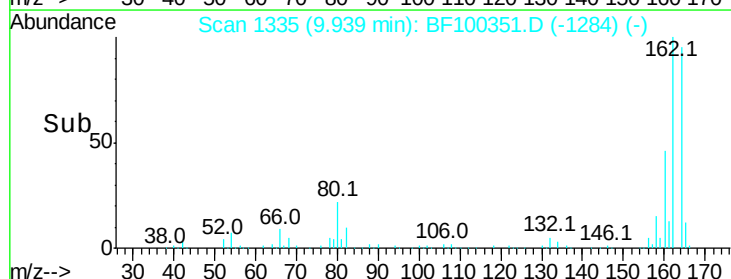
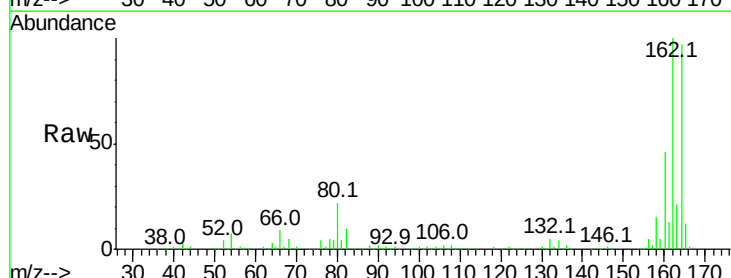
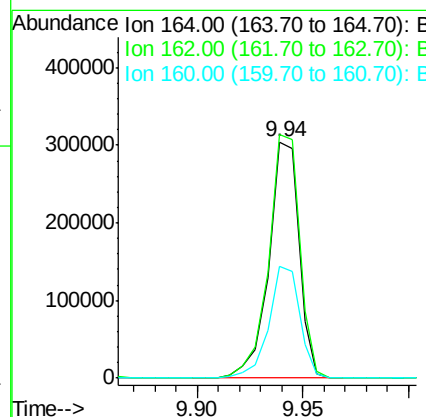
RT: 9.94 min Scan# 1335

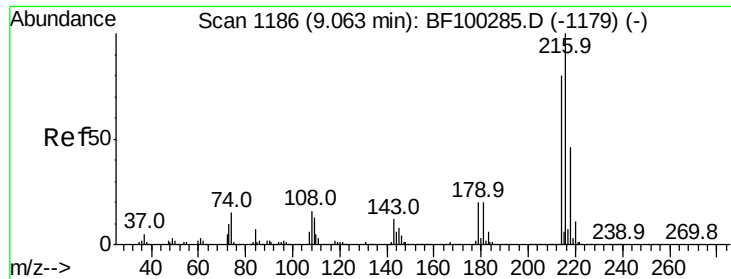
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	164	Resp:	305040
Ion Ratio	Lower	Upper	
164	100		
162	102.9	86.1	129.1
160	47.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.059 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

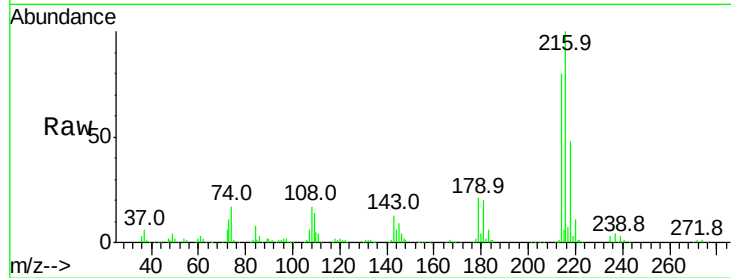
ClientSampleId :

PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	374916		
214	80.7	63.0	94.4	
179	21.0	18.1	27.1	
108	20.5	17.2	25.8	

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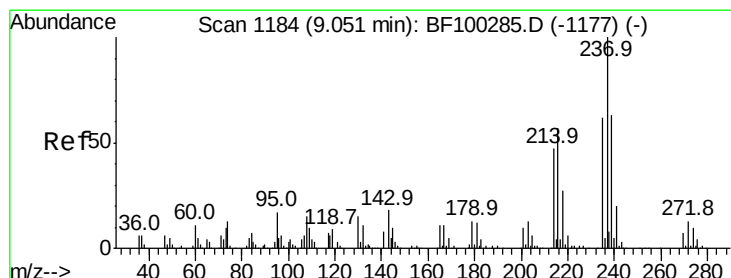
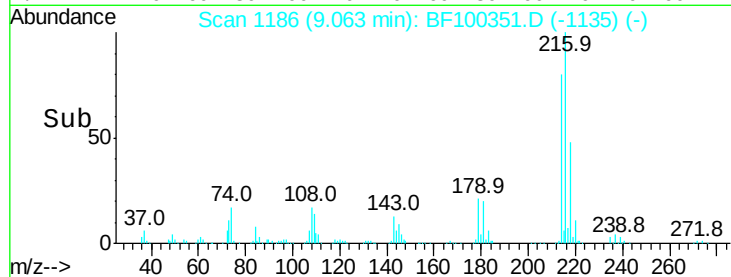
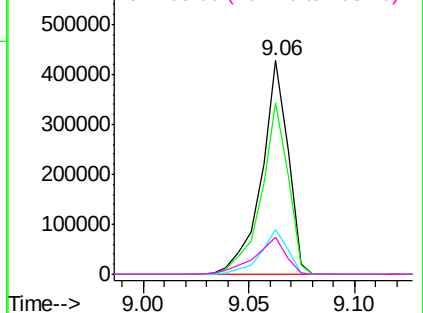


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.890 ng

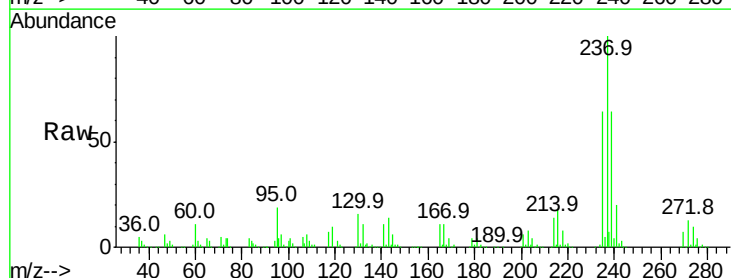
RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

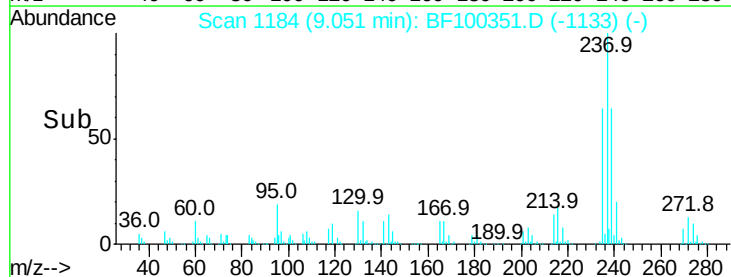
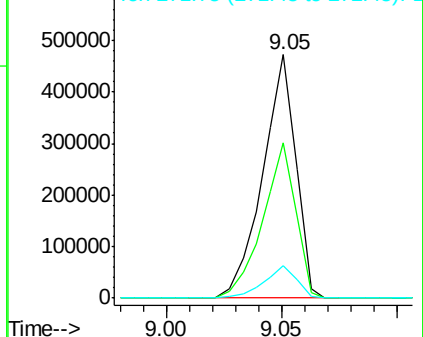
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	470853		
235	63.6	44.8	84.8	
272	13.2	0.0	33.3	

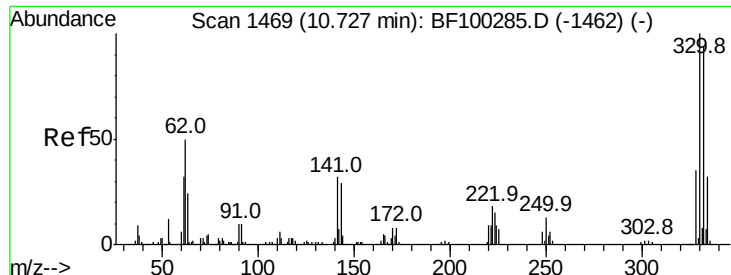


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





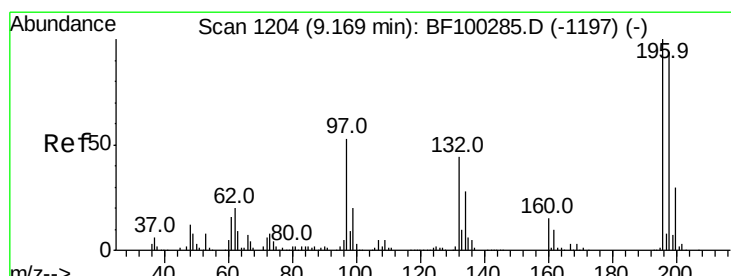
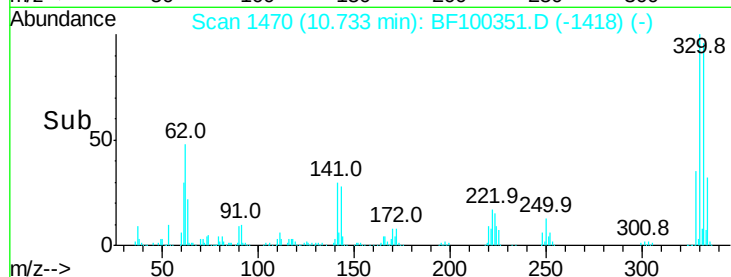
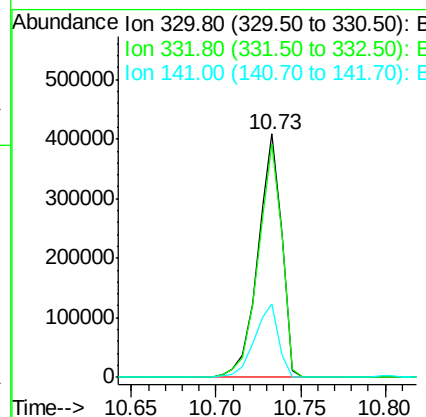
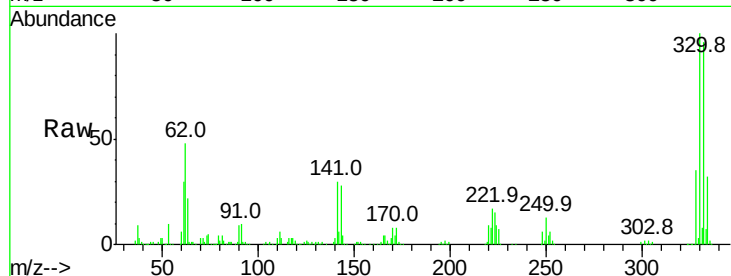
#41
 2,4,6-Tribromophenol
 Concen: 129.021 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	30.7	29.9	44.9	

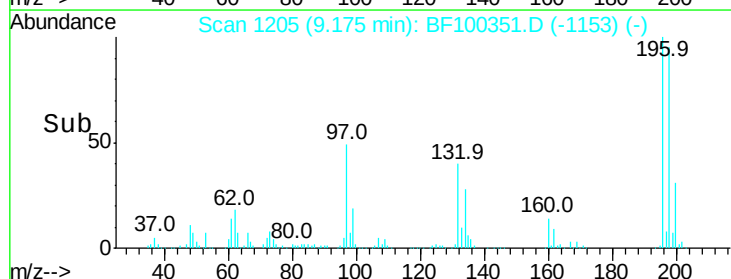
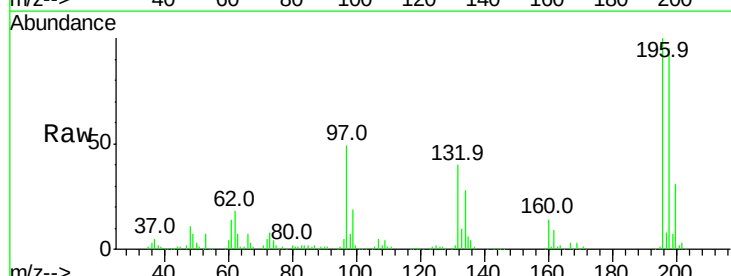
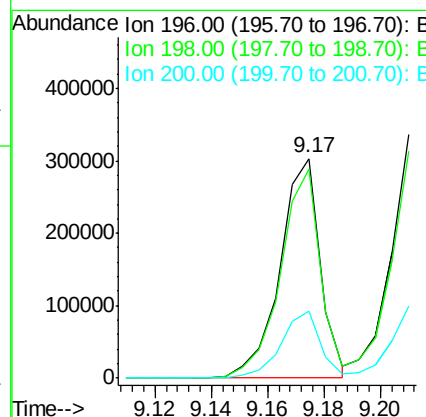
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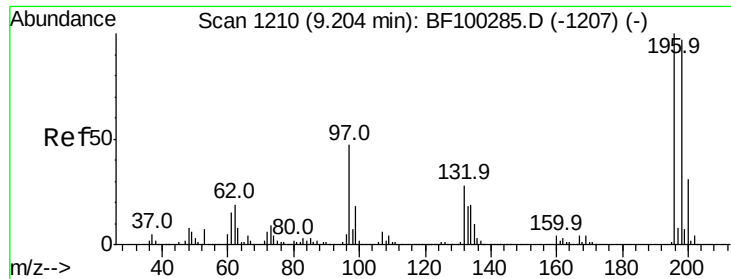
Sohil
 11/10/2017 1:15:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.697 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.0	75.7	113.5	
200	30.5	24.5	36.7	





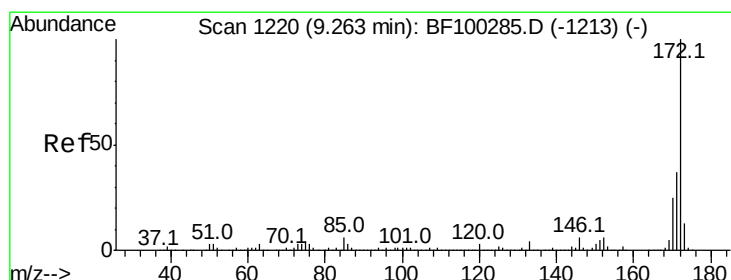
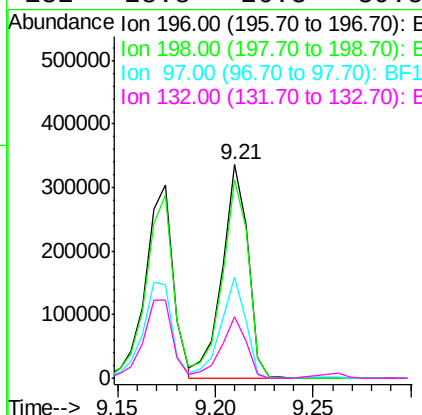
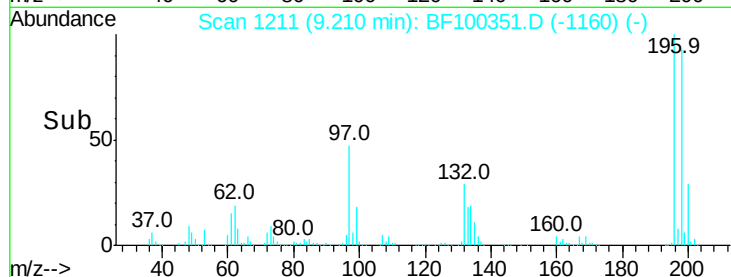
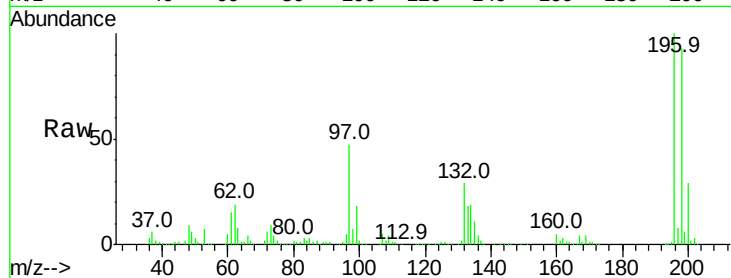
#43
 2,4,5-Trichlorophenol
 Concen: 46.574 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 PB104074BS

Tot Ion	196	Resp	309398
Ion Ratio	Lower	Upper	
196	100		
198	93.1	74.6	112.0
97	47.5	42.9	64.3
132	28.8	26.3	39.5

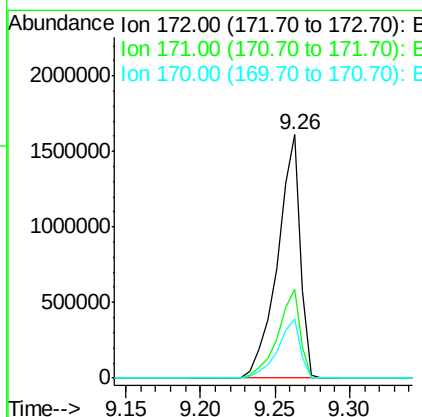
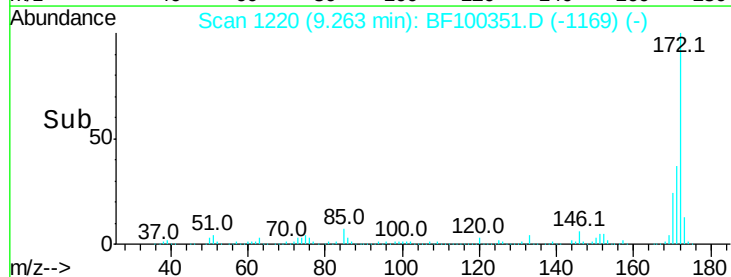
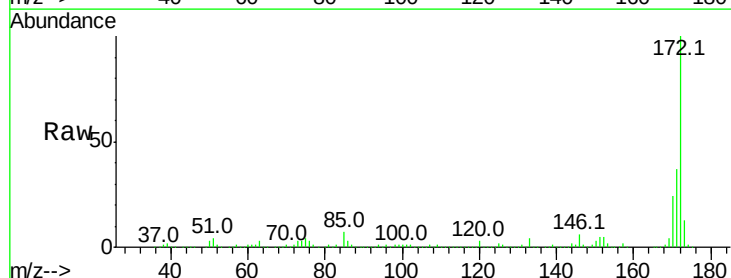
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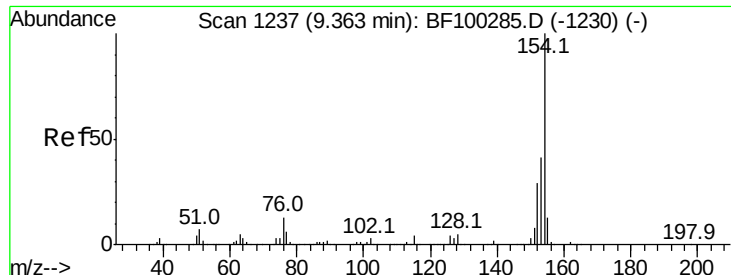
Sohil
 11/10/2017 1:15:11 PM



#44
 2-Fluorobiphenyl
 Concen: 85.284 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	172	Resp	1708474
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.963 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampled :

PB104074BS

Tot Ion:154 Resp: 1027955

Ion Ratio Lower Upper

154 100

153 41.9 21.3 61.3

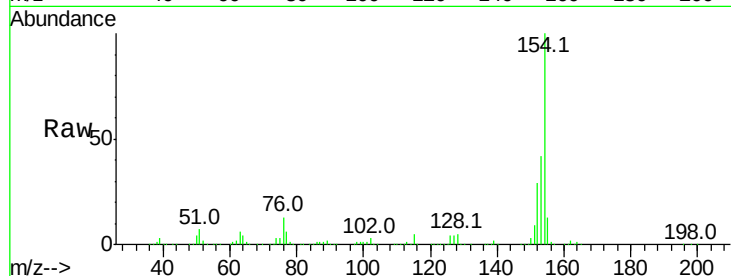
76 13.1 0.0 34.0

Manual Integrations

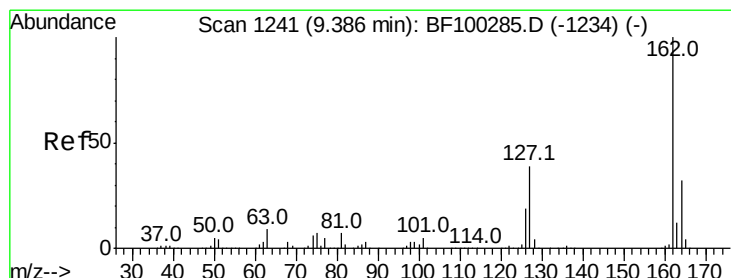
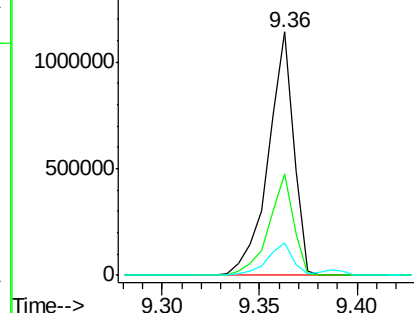
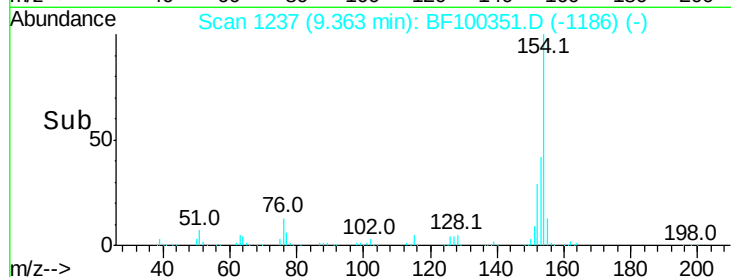
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.335 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

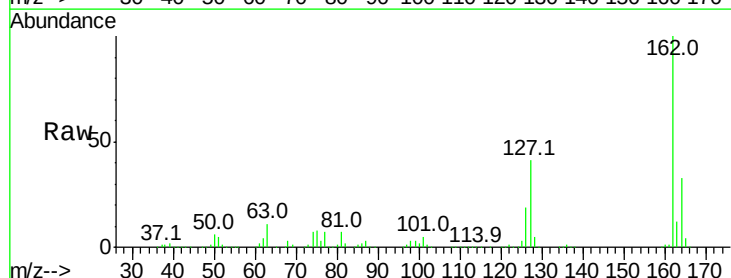
Tgt Ion:162 Resp: 810274

Ion Ratio Lower Upper

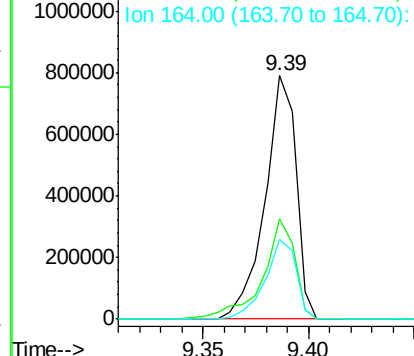
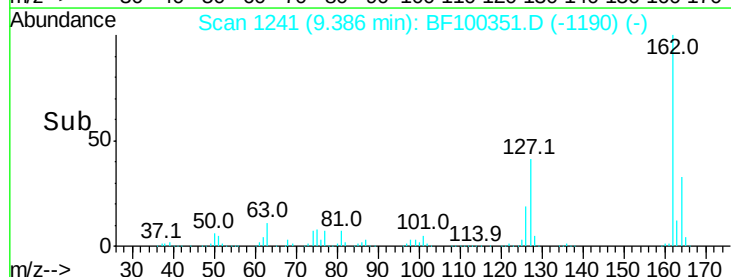
162 100

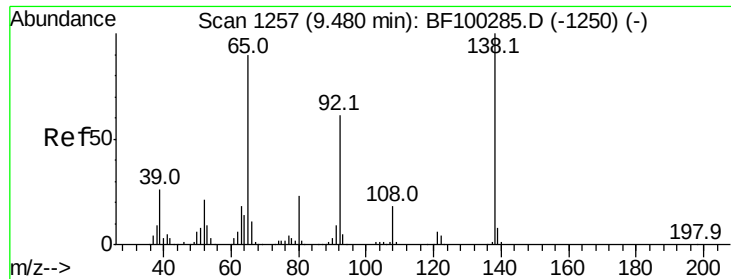
127 41.0 33.9 50.9

164 32.6 26.5 39.7



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





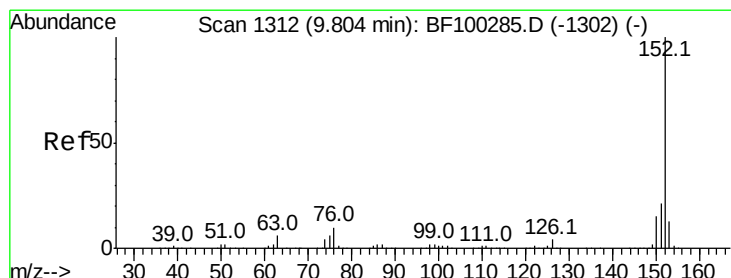
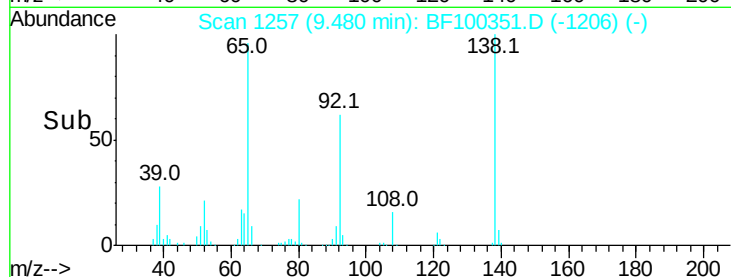
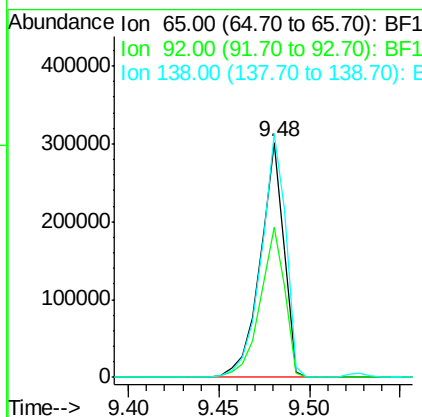
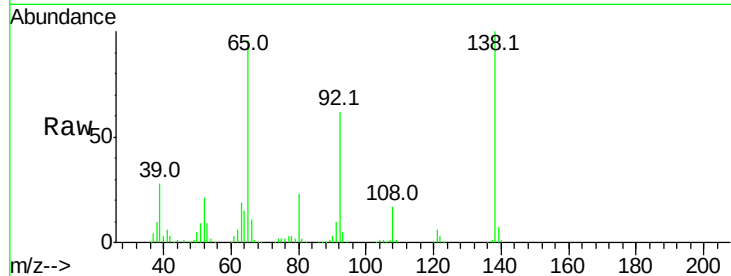
#47
2-Nitroaniline
Concen: 48.719 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	103.7	91.2	136.8

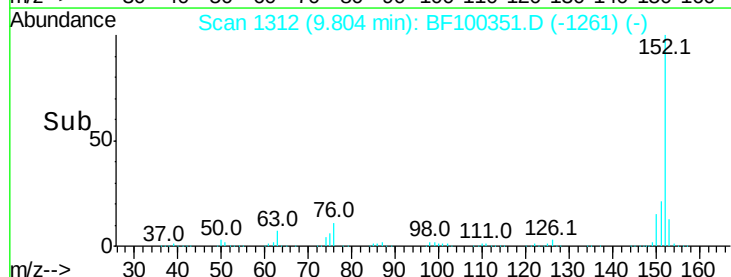
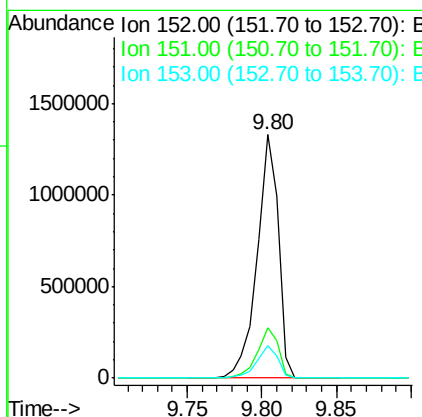
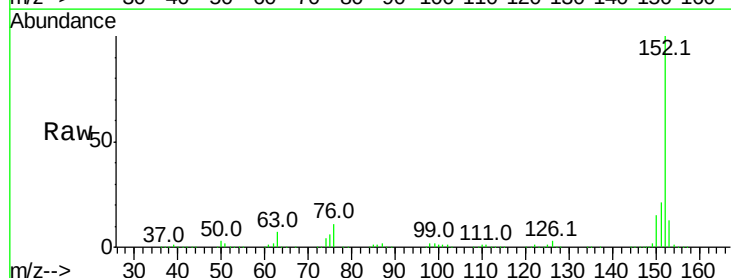
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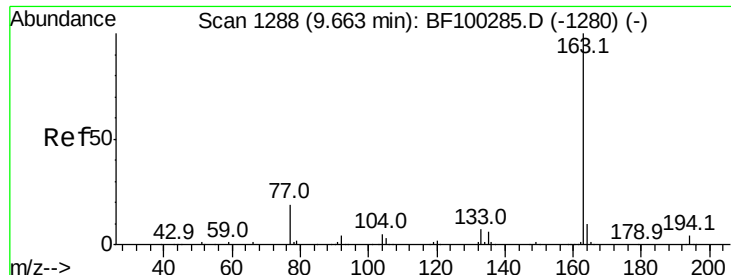
Sohil
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#48
Acenaphthylene
Concen: 40.770 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1





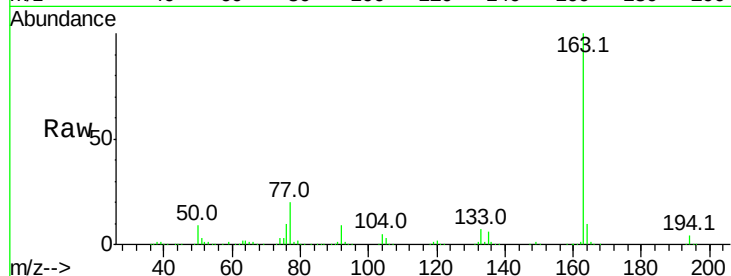
#49
Dimethylphthalate
Concen: 42.048 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :
PB104074BS

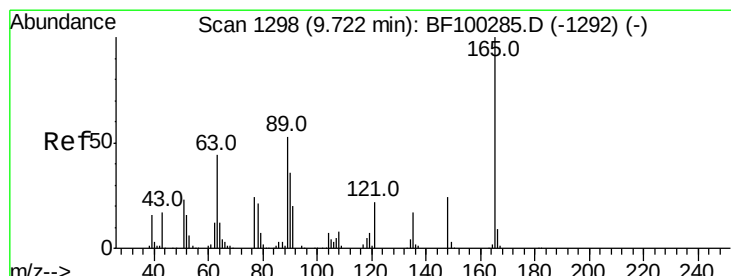
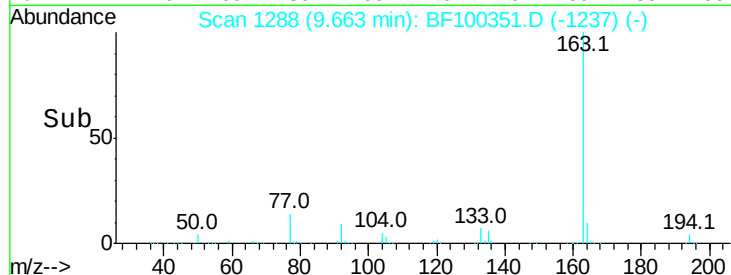
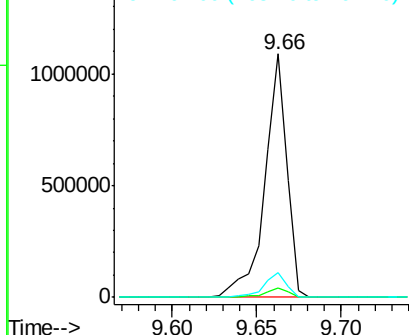
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.2	8.2	12.2	

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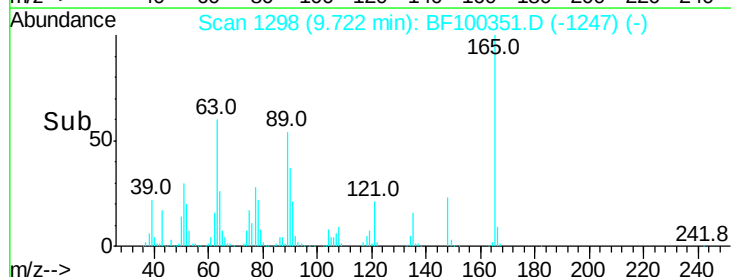
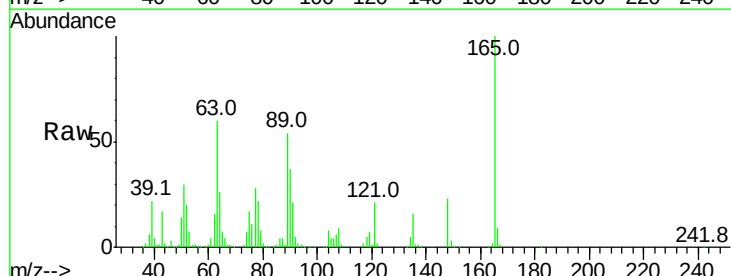
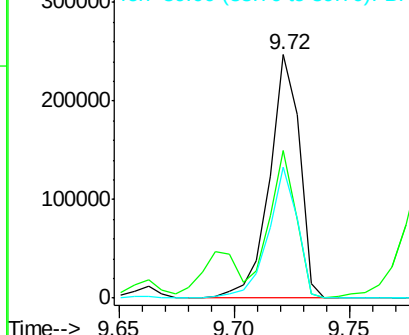
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

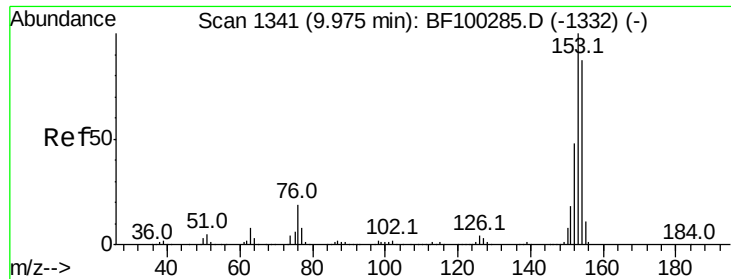


#50
2,6-Dinitrotoluene
Concen: 48.408 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.5	44.7	67.1	
89	54.0	44.0	66.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.544 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

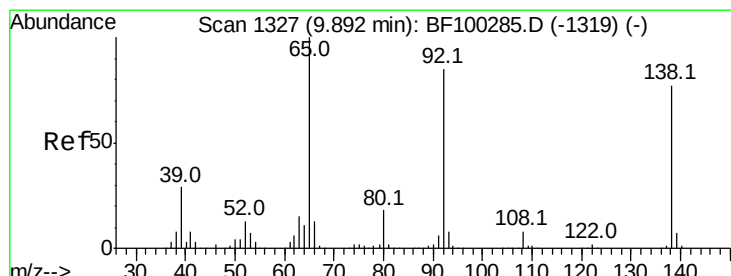
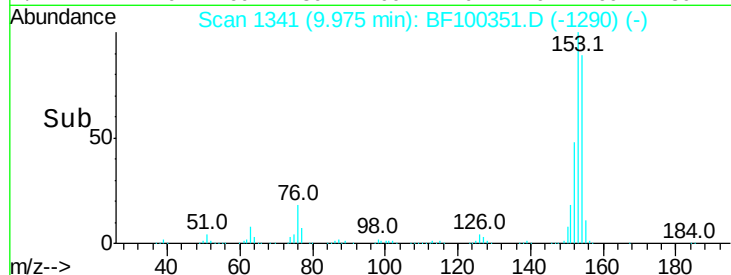
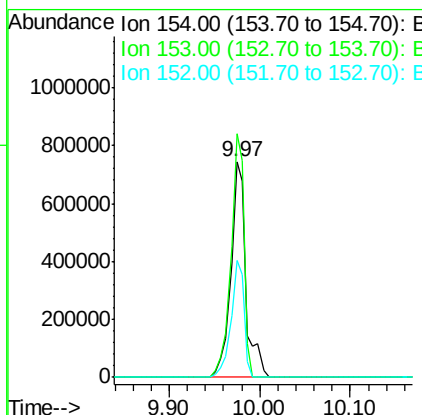
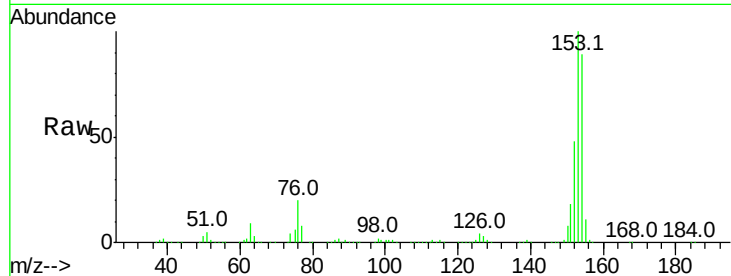
ClientSampled :

PB104074BS

Tot Ion:	154	Resp:	859290
Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	54.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 26.263 ng

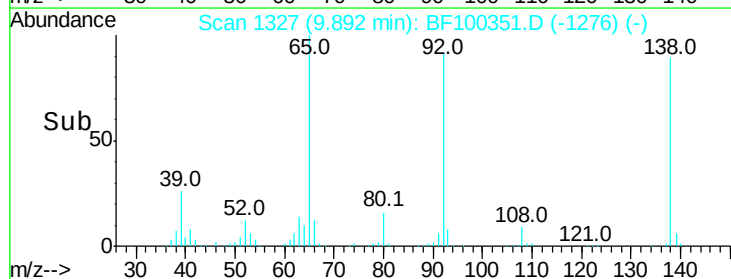
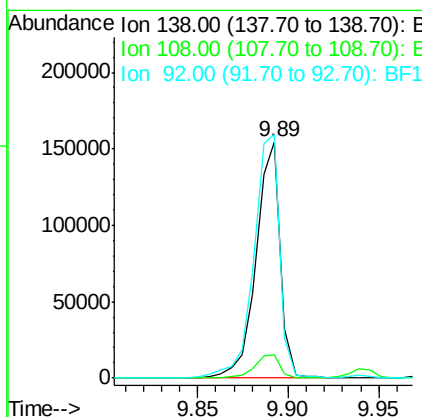
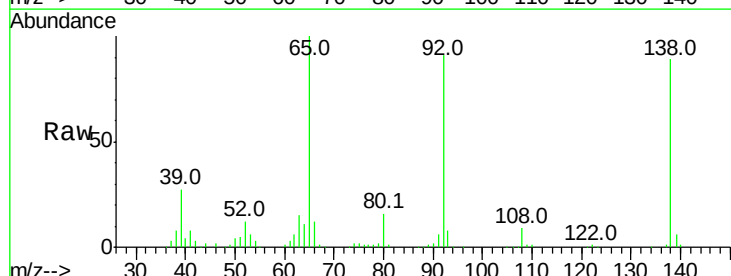
RT: 9.89 min Scan# 1327

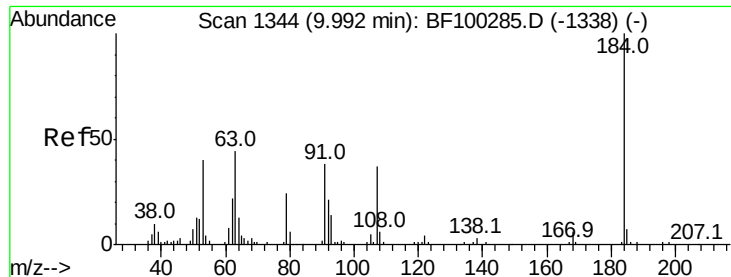
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	138	Resp:	142971
Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	103.0	89.4	134.2





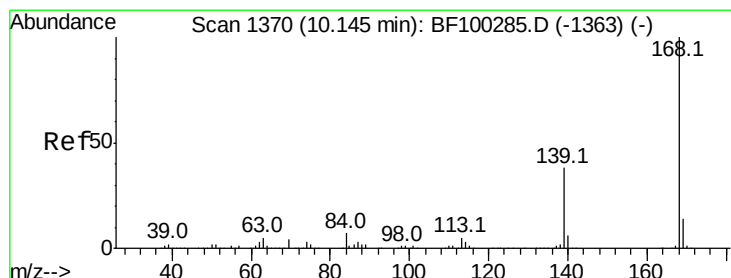
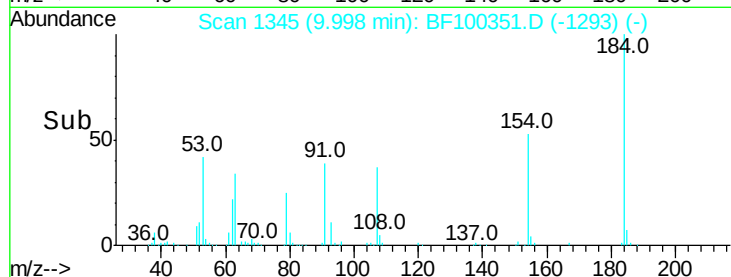
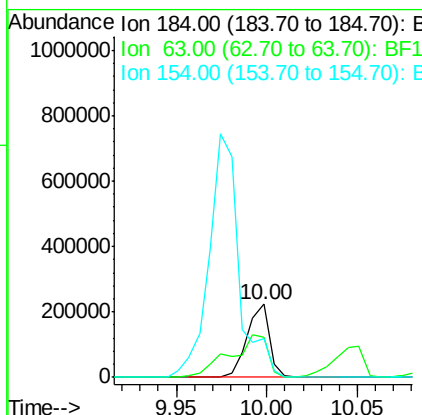
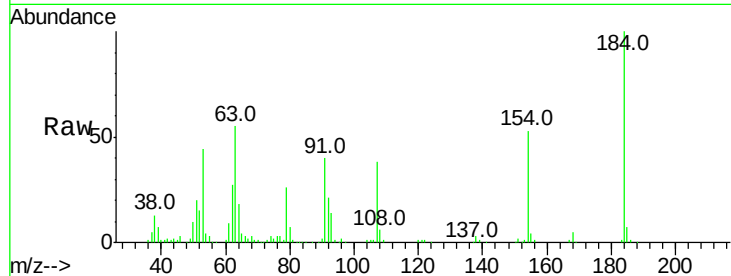
#53
 2,4-Dinitrophenol
 Concen: 89.885 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampled :
 PB104074BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.1	54.2	81.2
154	53.1	184.0	276.0#

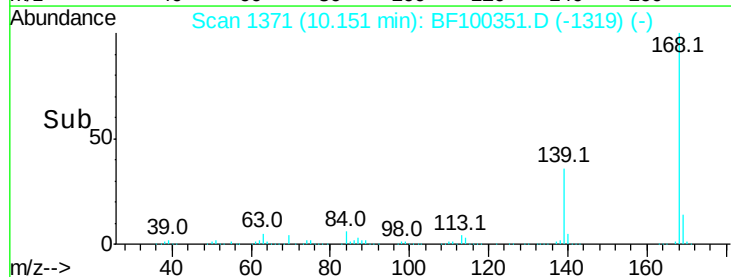
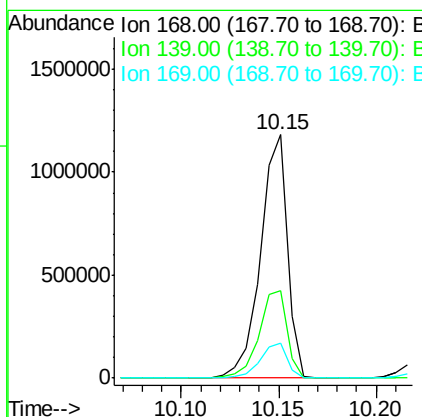
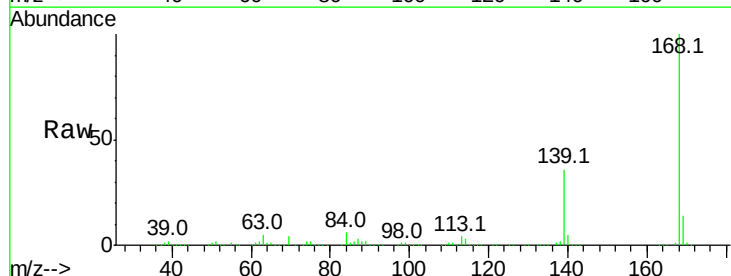
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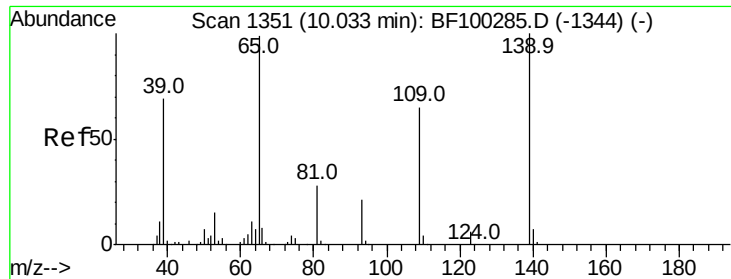
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 11/10/2017 1:15:11 PM



#54
 Dibenzofuran
 Concen: 41.846 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1
169	14.3	10.9	16.3





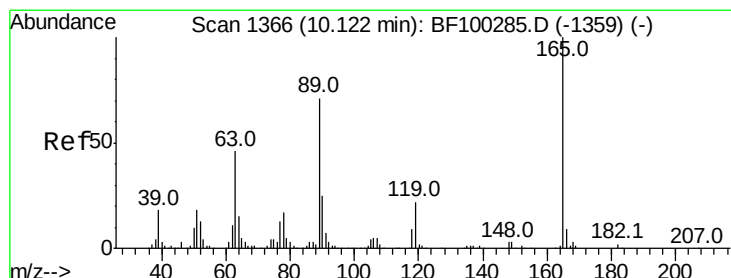
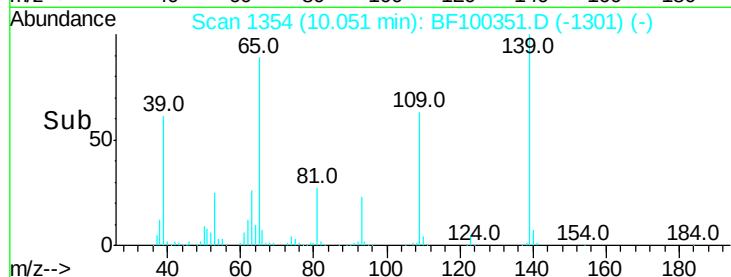
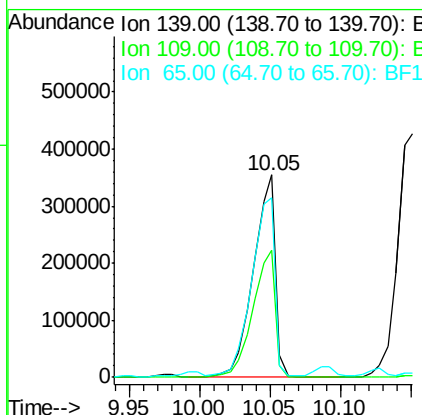
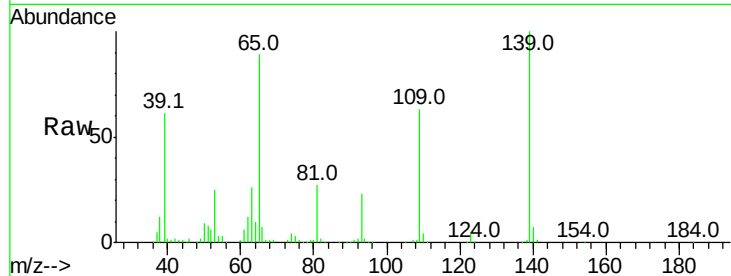
#55
4-Nitrophenol
Concen: 87.999 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	388989		
109	62.5	48.4	88.4	
65	88.9	72.6	112.6	

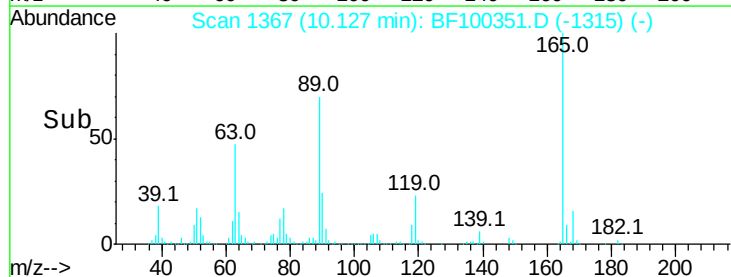
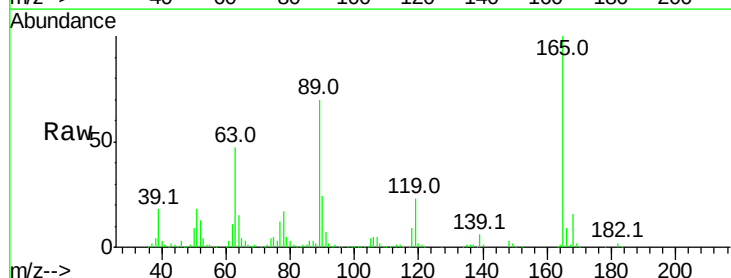
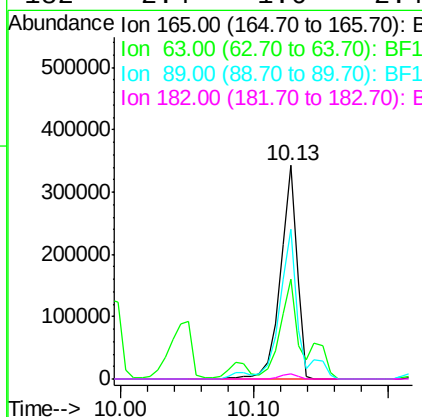
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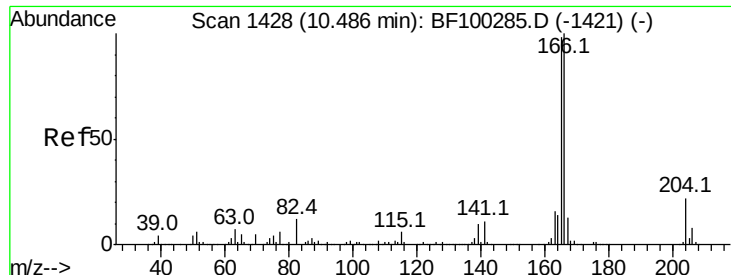
Sohil
11/10/2017 1:15:11 PM



#56
2,4-Dinitrotoluene
Concen: 51.946 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	302112		
63	46.5	36.4	54.6	
89	70.2	57.8	86.6	
182	2.4	1.6	2.4	





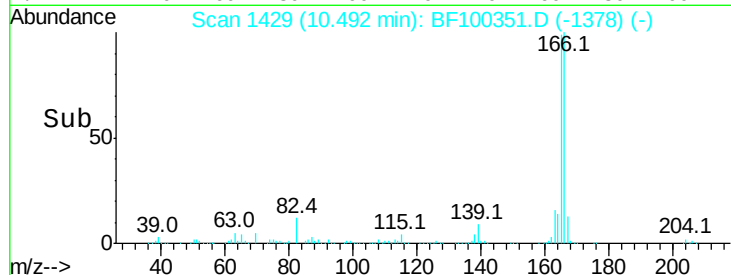
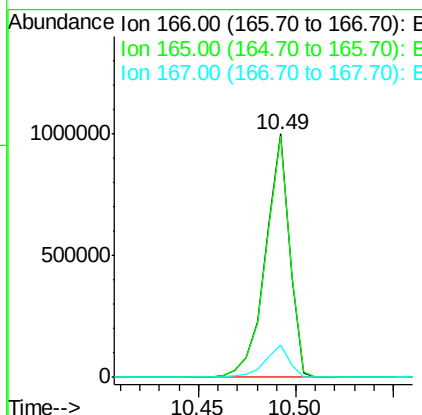
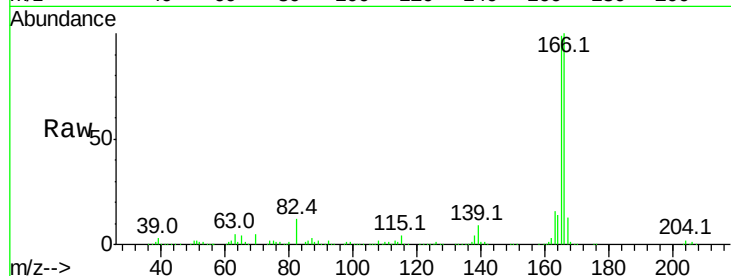
#57
 Fluorene
 Concen: 42.910 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	849901		
165	98.9	79.8	119.8	
167	13.2	10.6	16.0	

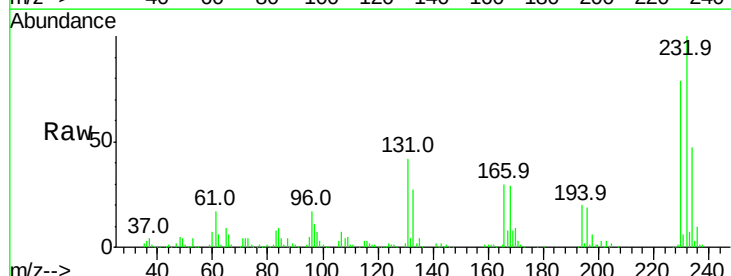
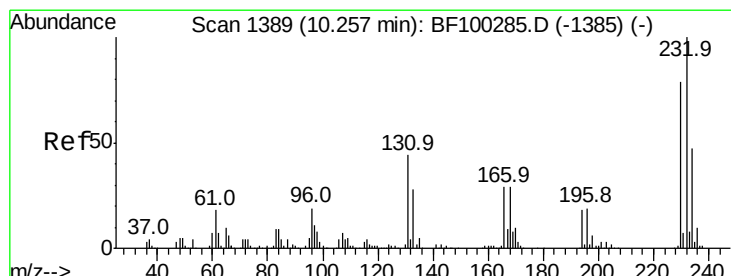
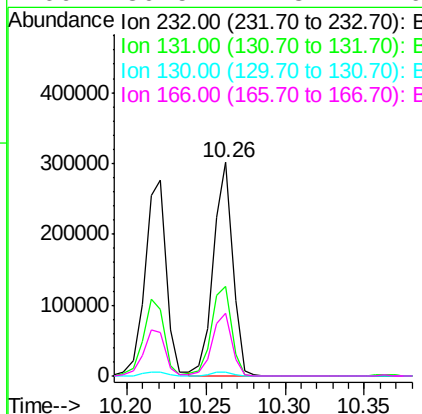
Manual Integrations
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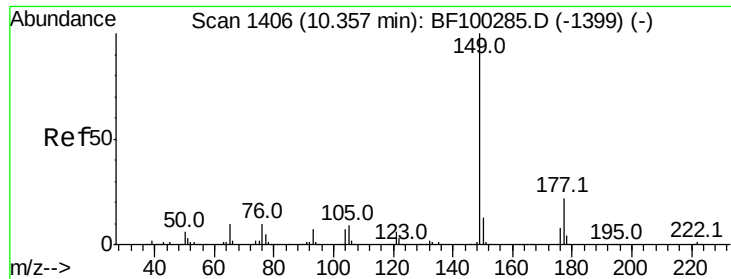
Sohil
 11/10/2017 1:15:11 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.103 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	256454		
131	44.7	43.8	65.8	
130	2.1	2.1	3.1#	
166	30.5	27.8	41.6	





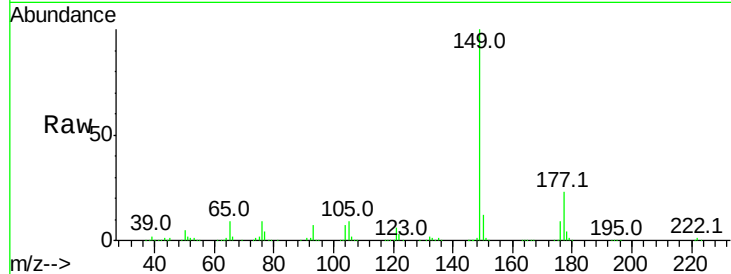
#59
Diethylphthalate
Concen: 41.558 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :
PB104074BS

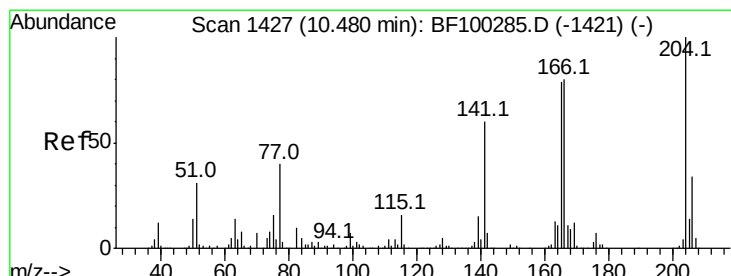
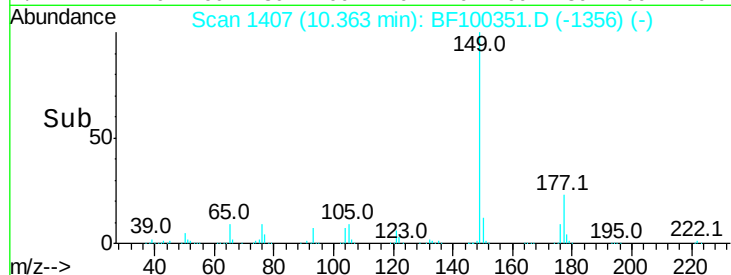
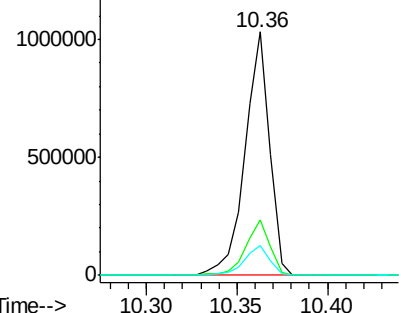
Tot Ion	Ratio	Resp	Lower	Upper
149	100	968593		
177	22.5	16.1	24.1	
150	12.3	10.1	15.1	

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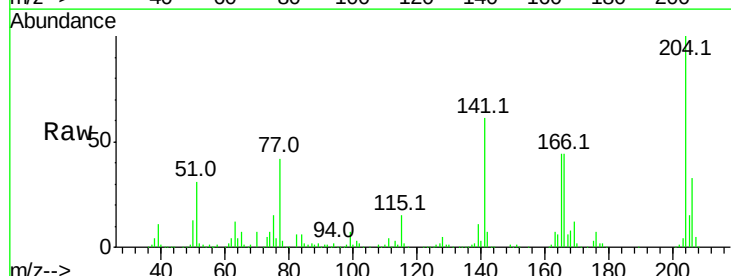


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

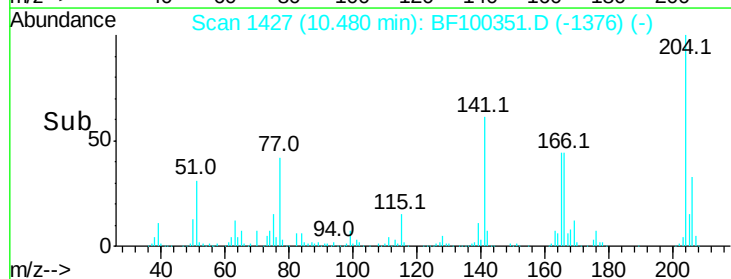
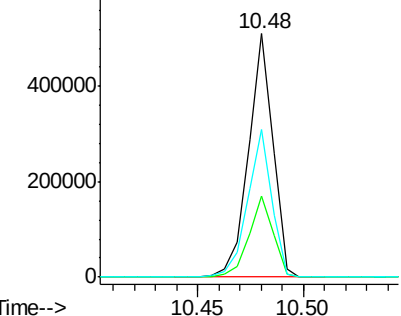


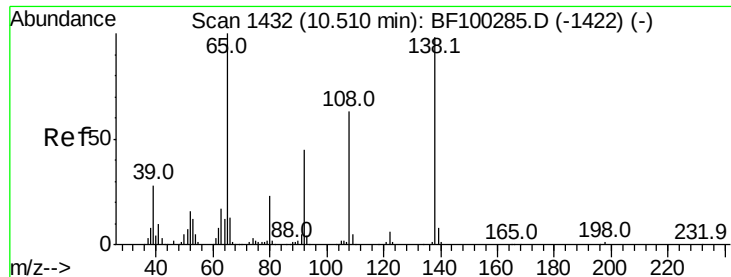
#60
4-Chlorophenyl-phenylether
Concen: 42.625 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	414164		
206	33.1	26.5	39.7	
141	60.6	54.6	81.8	



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





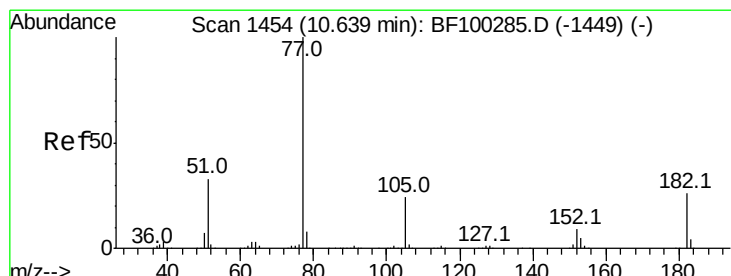
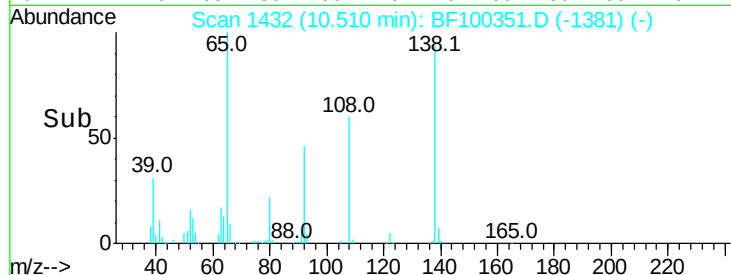
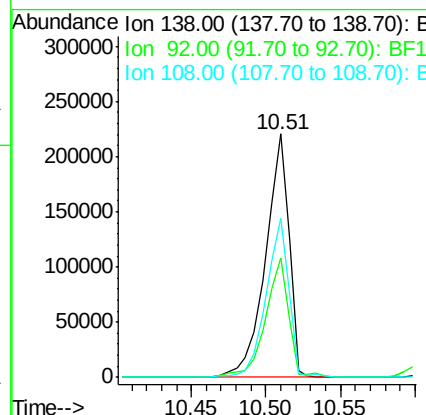
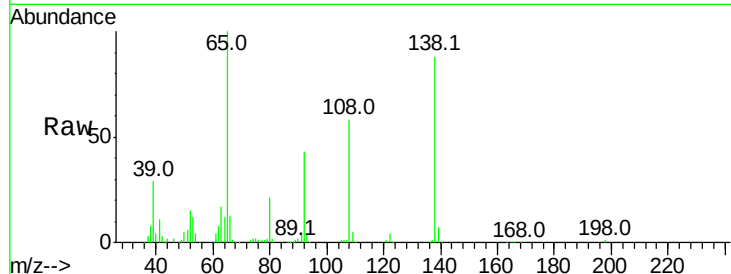
#61
4-Nitroaniline
Concen: 46.185 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.2	70.2
108	65.5	52.5	92.5

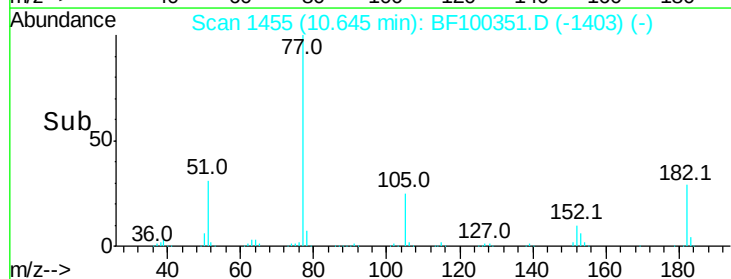
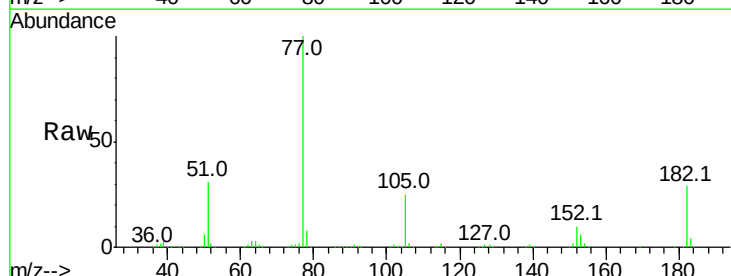
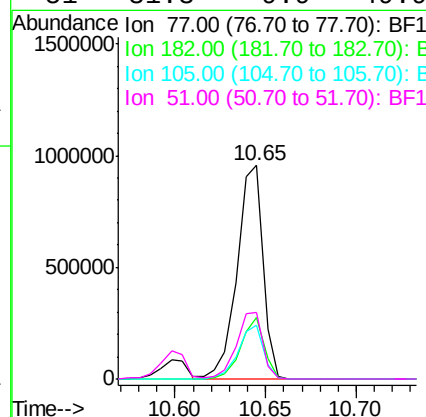
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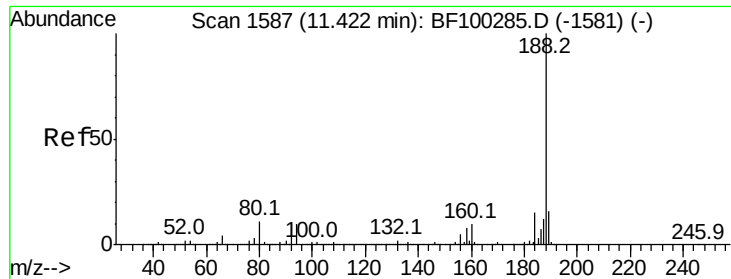
Sohil
11/10/2017 1:15:11 PM



#62
Azobenzene
Concen: 43.491 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	25.1	3.0	43.0
51	31.3	9.9	49.9





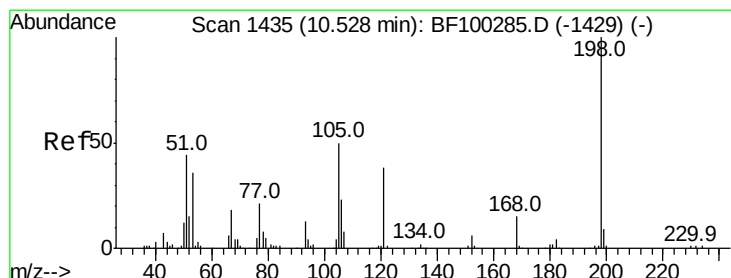
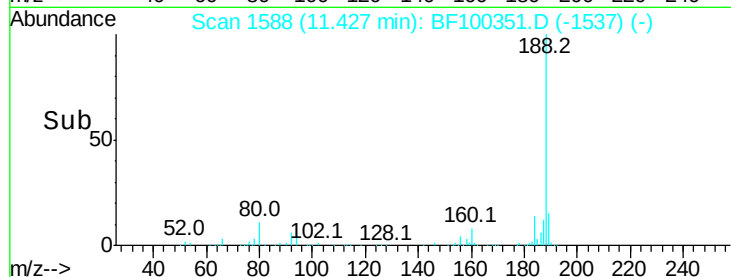
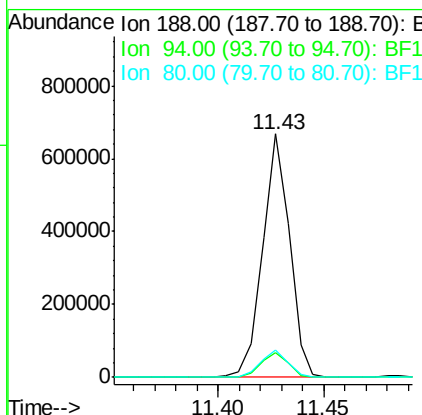
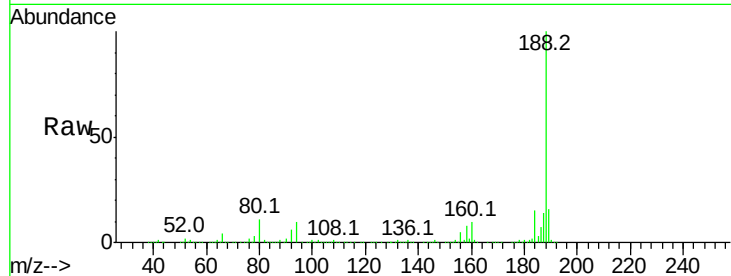
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

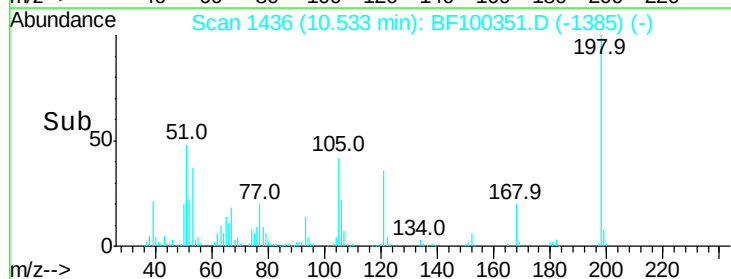
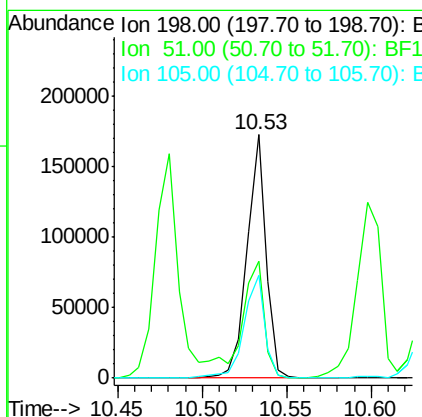
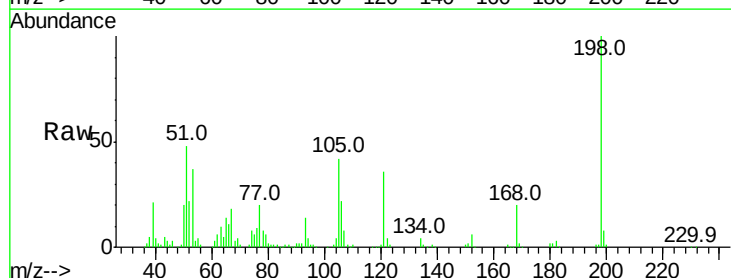
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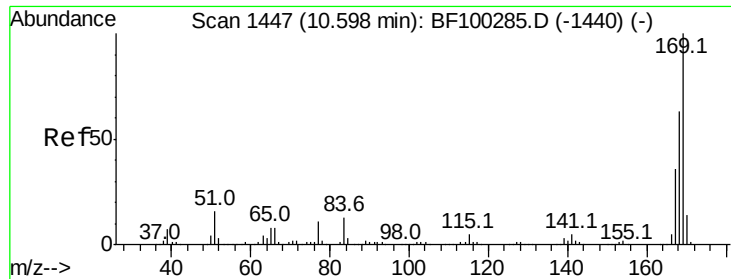
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.186 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.8	37.7	77.7
105	42.1	36.3	76.3





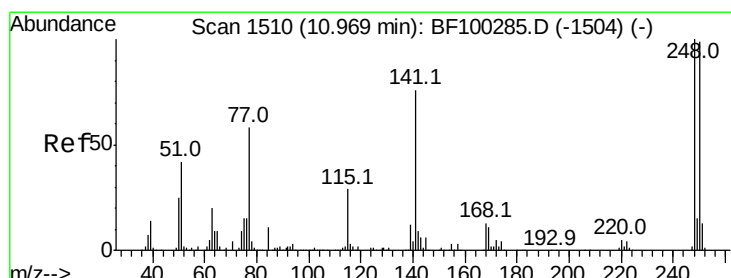
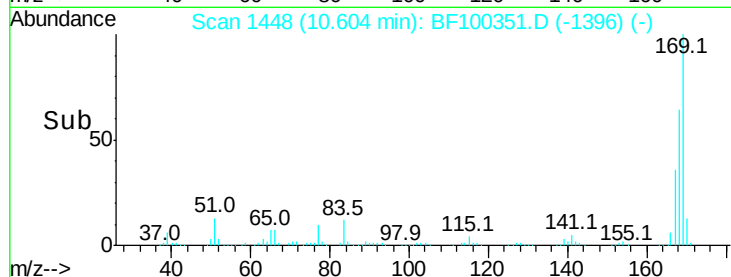
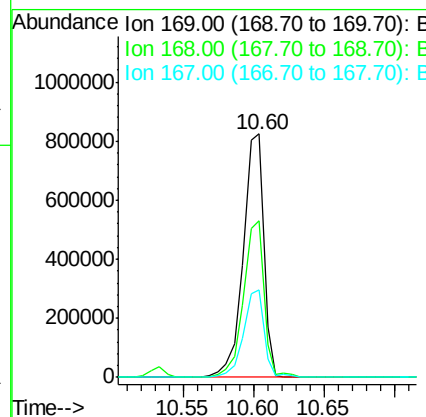
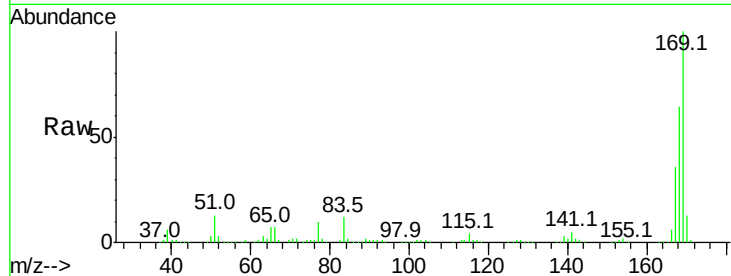
#65
 n-Nitrosodiphenylamine
 Concen: 40.394 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.1	54.4	81.6	
167	36.0	29.8	44.6	

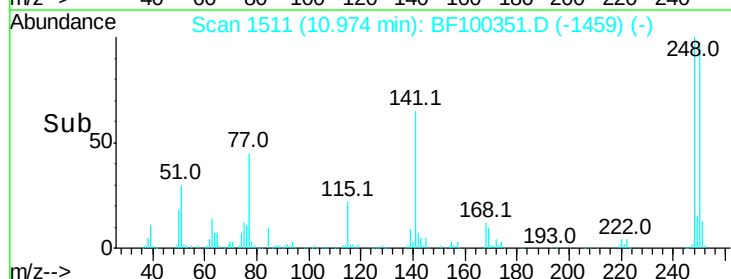
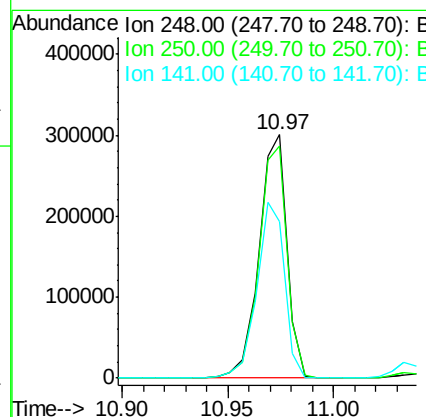
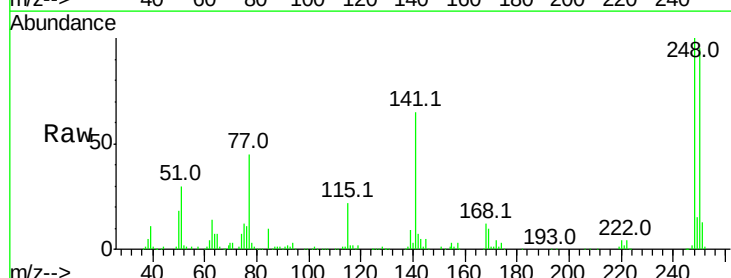
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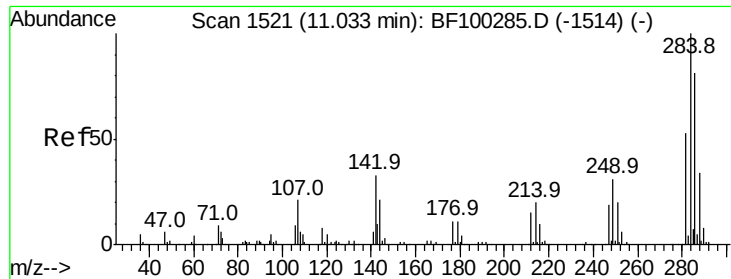
Sohil
 11/10/2017 1:15:11 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.304 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	76.9	115.3	
141	64.5	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 42.915 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

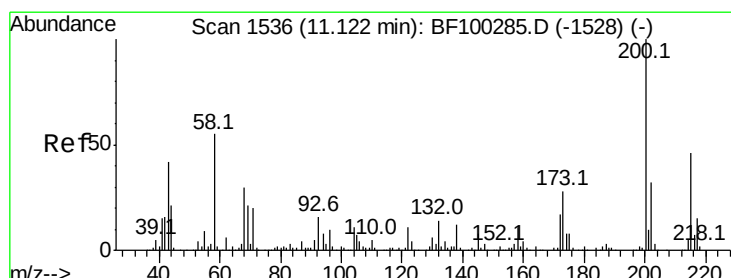
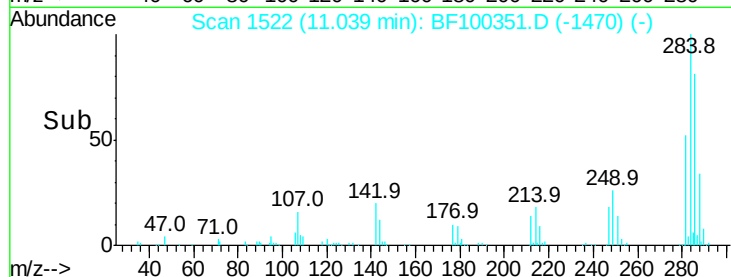
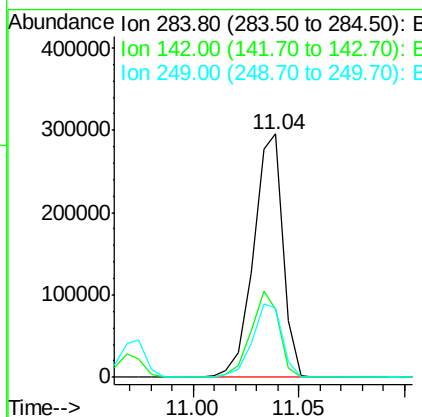
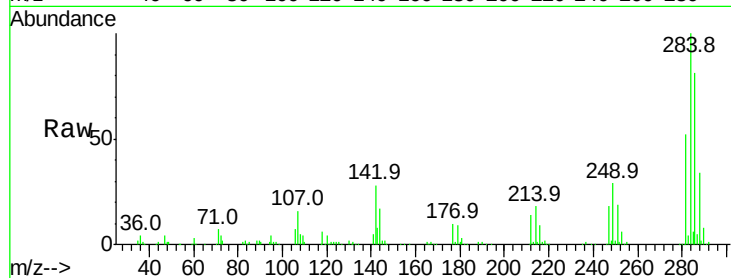
ClientSampleId :

PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.9	34.6	52.0#	
249	28.7	24.8	37.2	

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#68

Atrazine

Concen: 43.528 ng

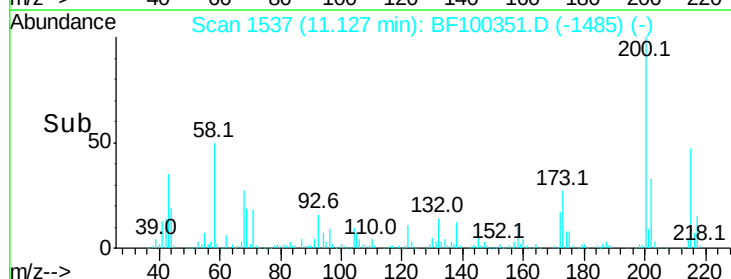
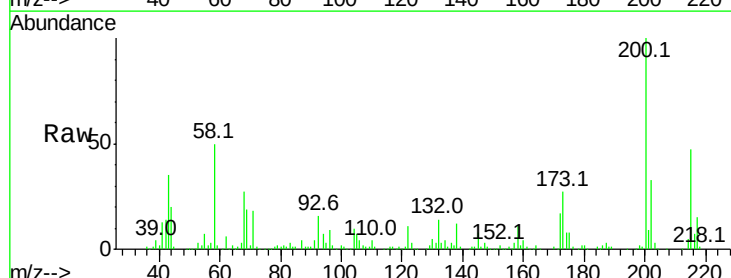
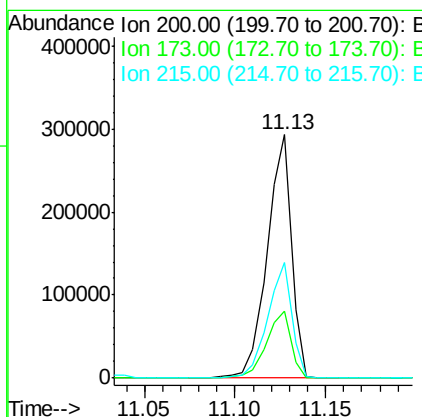
RT: 11.13 min Scan# 1537

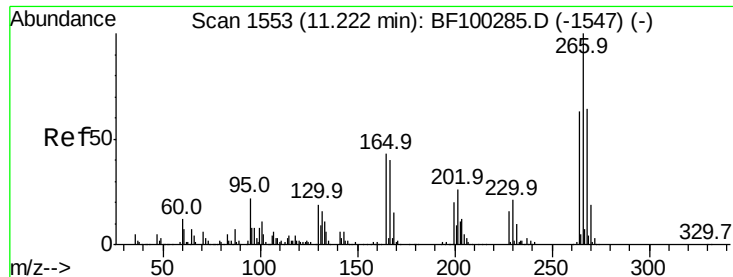
Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	8.6	48.6	
215	47.3	25.1	65.1	





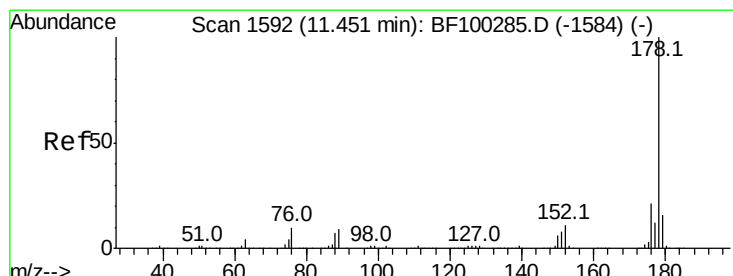
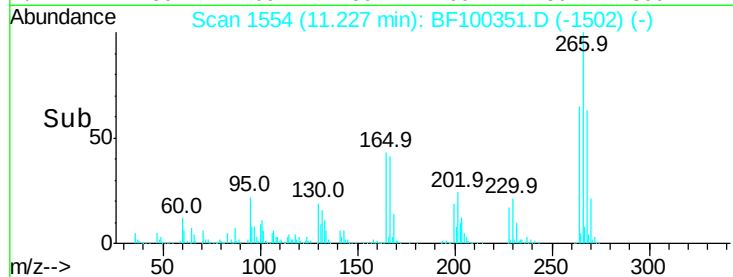
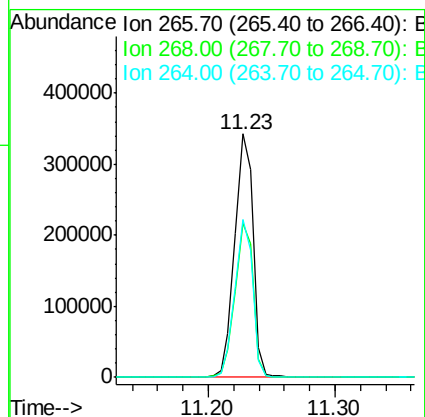
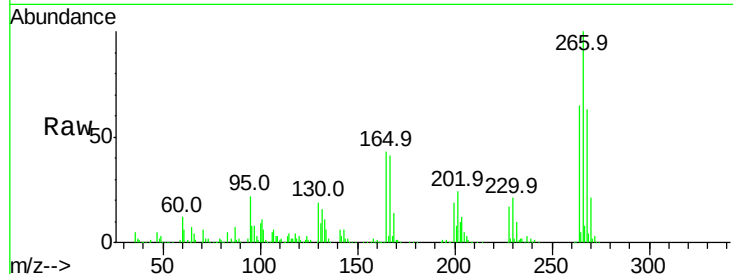
#69
 Pentachlorophenol
 Concen: 71.373 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	342153		
268	63.1	51.1	76.7	
264	64.7	49.5	74.3	

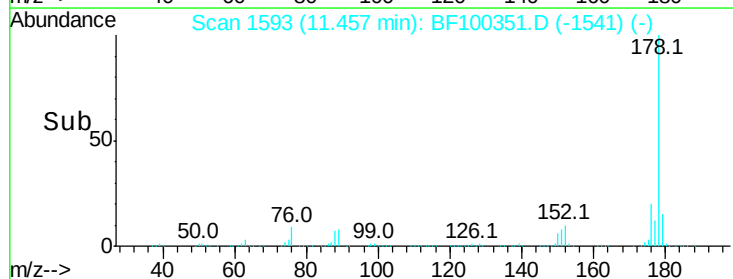
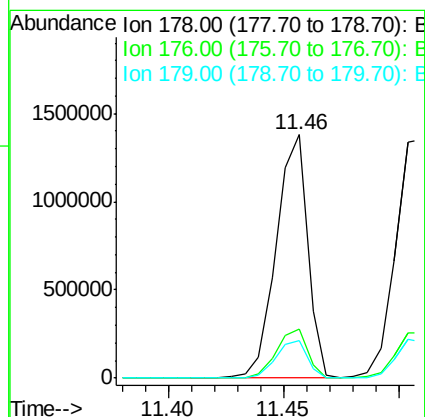
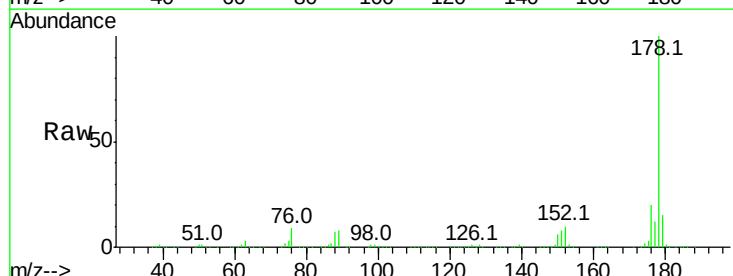
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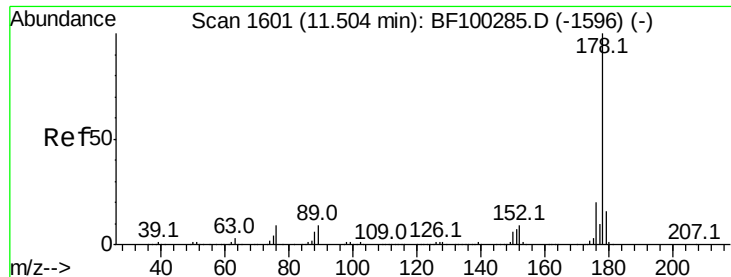
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#70
 Phenanthrene
 Concen: 41.442 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1301108		
176	20.1	15.8	23.8	
179	15.3	13.0	19.6	





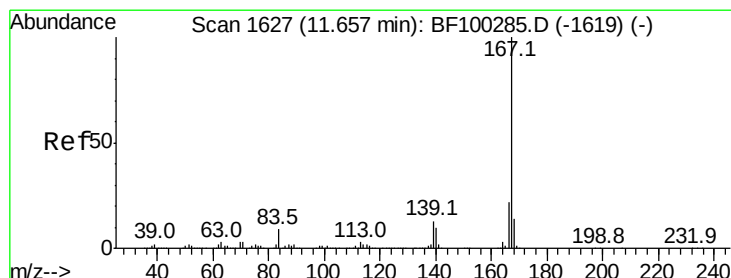
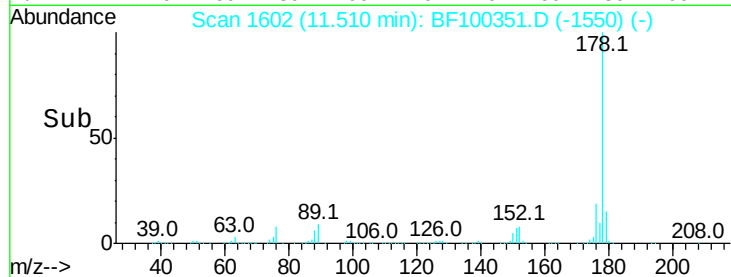
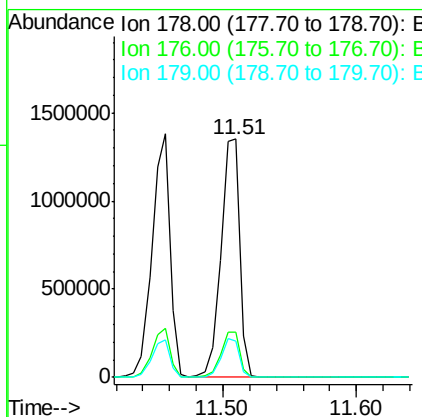
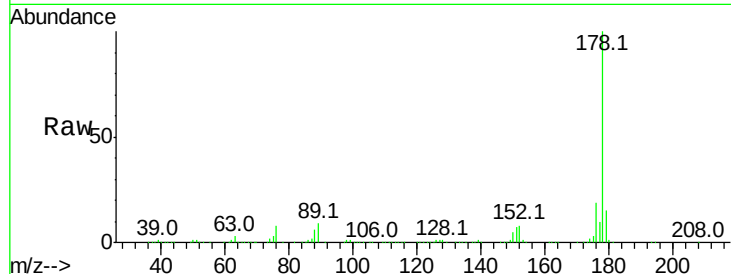
#71
 Anthracene
 Concen: 42.350 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion:178 Resp: 1348955
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.0 12.6 19.0

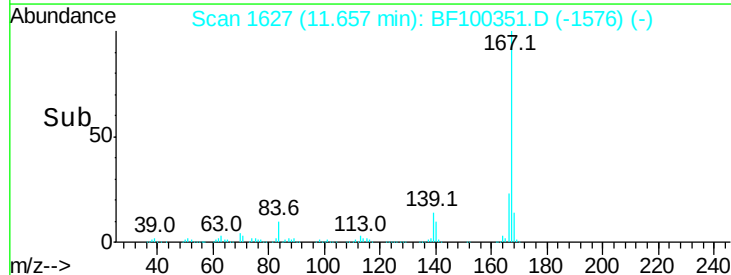
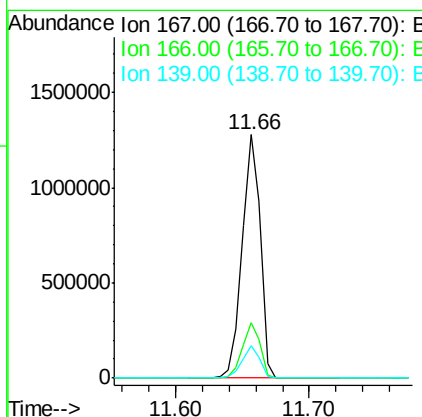
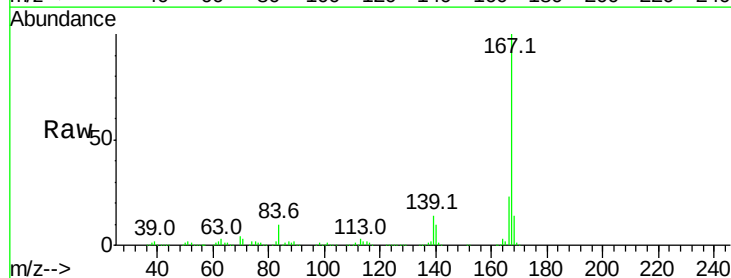
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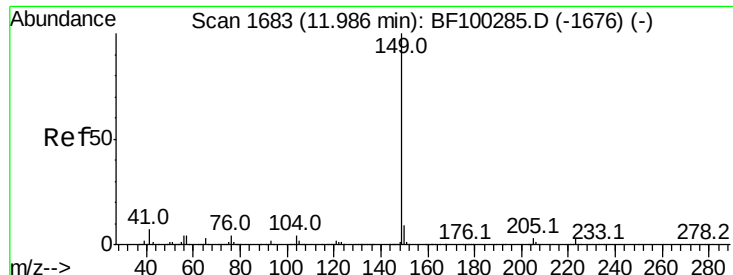
Sohil
 11/10/2017 1:15:11 PM



#72
 Carbazole
 Concen: 40.920 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:167 Resp: 1202669
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.134 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB104074BS

Tot Ion:149 Resp: 1517969

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

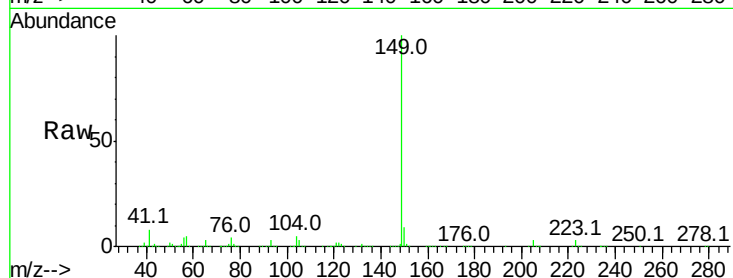
104 4.5 3.8 5.8

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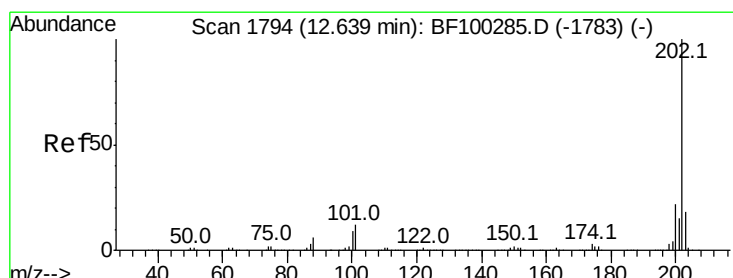
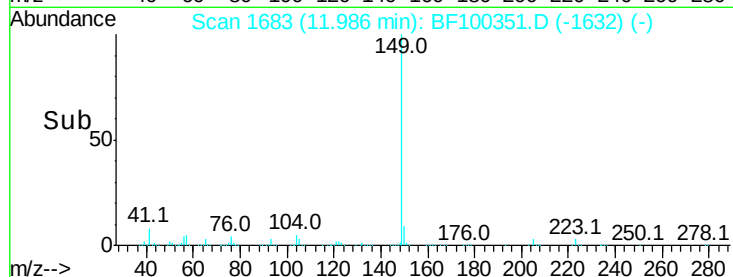
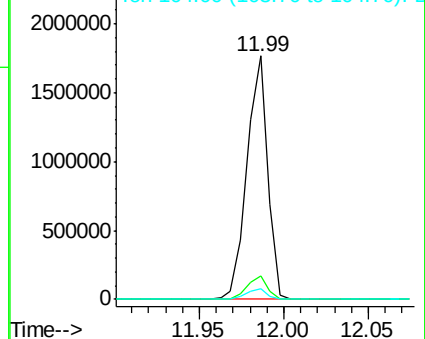
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.578 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

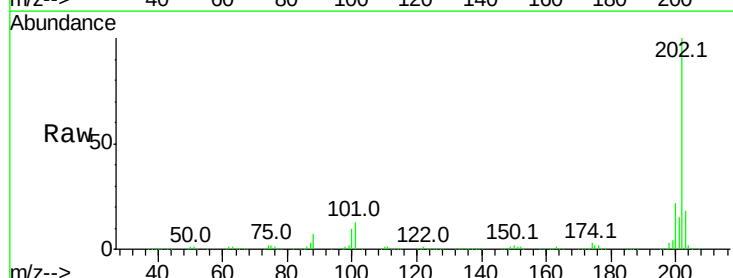
Tgt Ion:202 Resp: 1383471

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

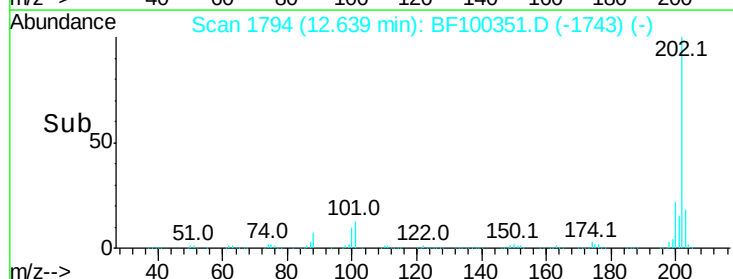
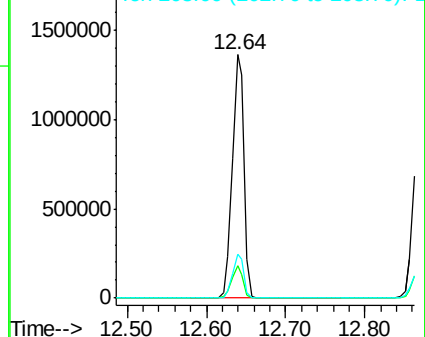
203 18.1 0.0 38.1

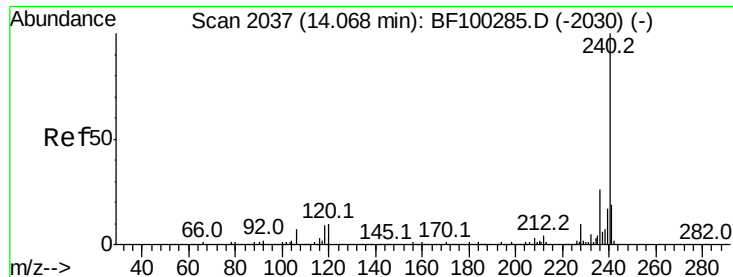


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

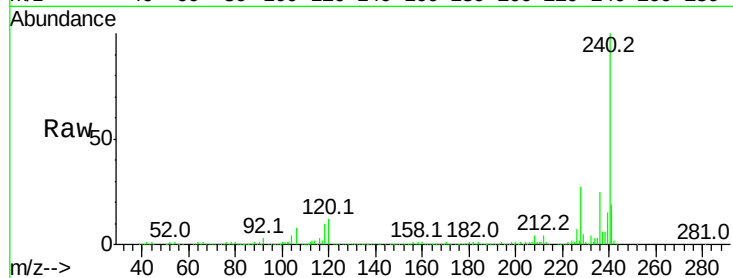
ClientSampleId :

PB104074BS

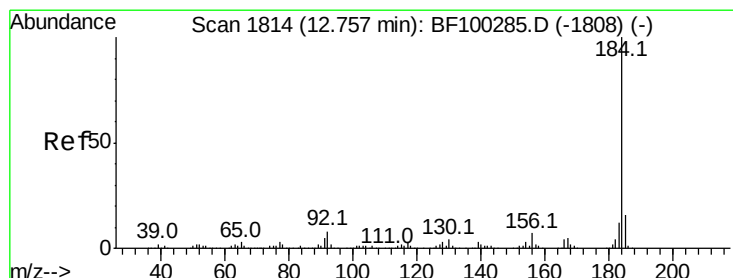
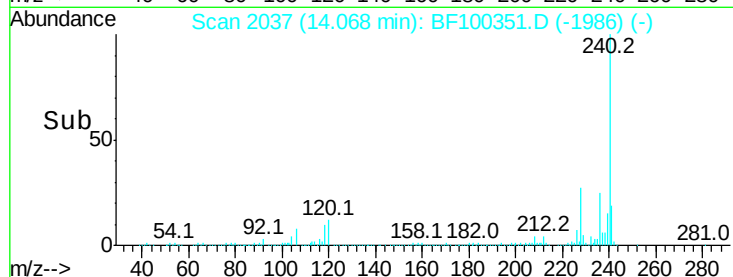
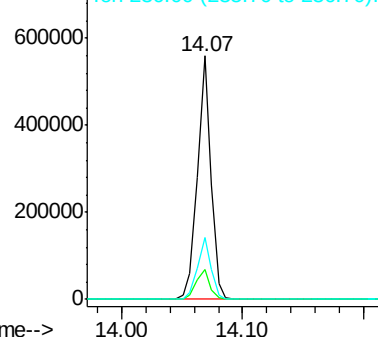
Tot Ion:	240	Resp:	432560
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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11/10/2017 1:15:11 PM



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



#76

Benzidine

Concen: 36.770 ng

RT: 12.76 min Scan# 1815

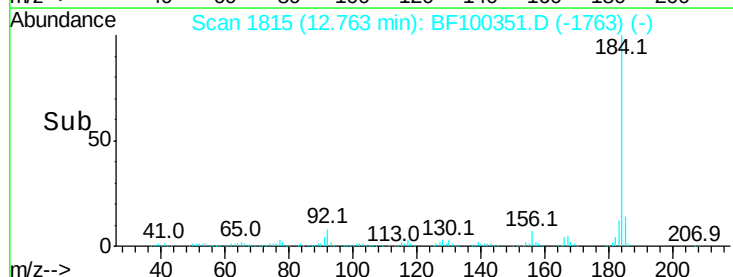
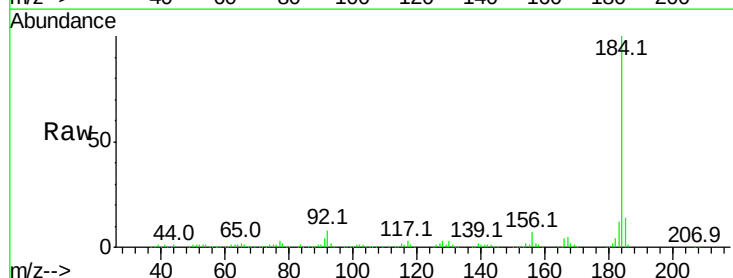
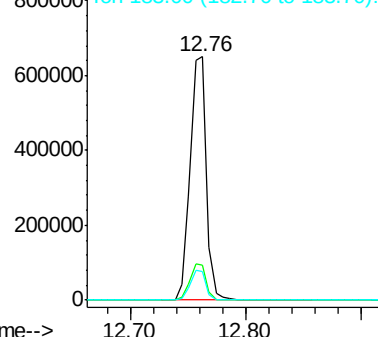
Delta R.T. 0.01 min

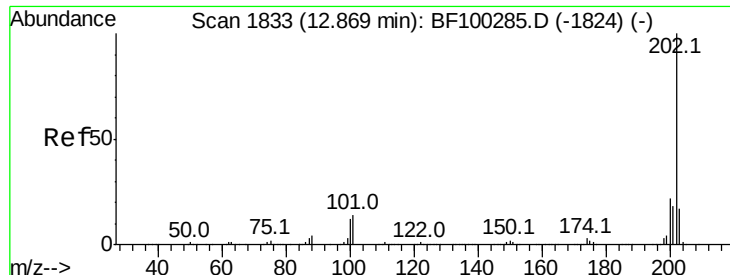
Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	184	Resp:	636977
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.7	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





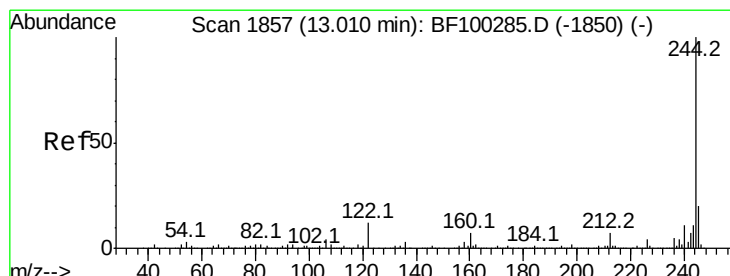
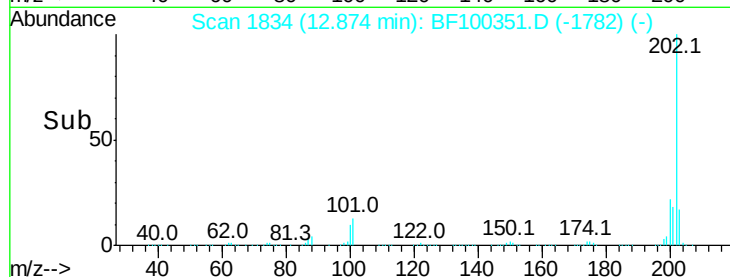
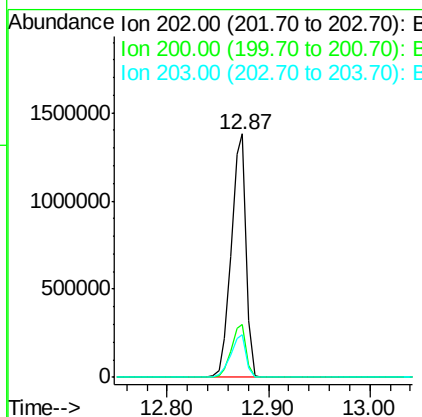
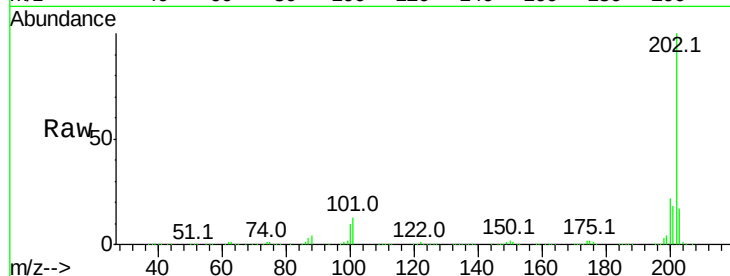
#77
Pvrene
Concen: 45.225 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion:202 Resp: 1394479
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.3 14.3 21.5

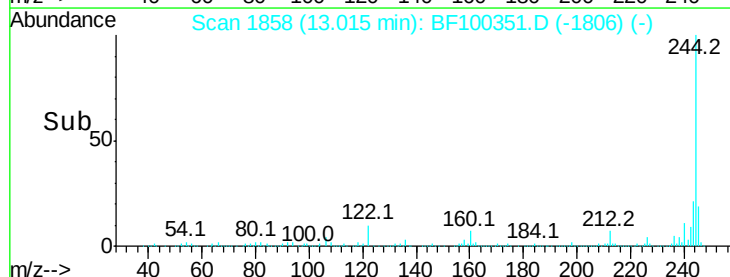
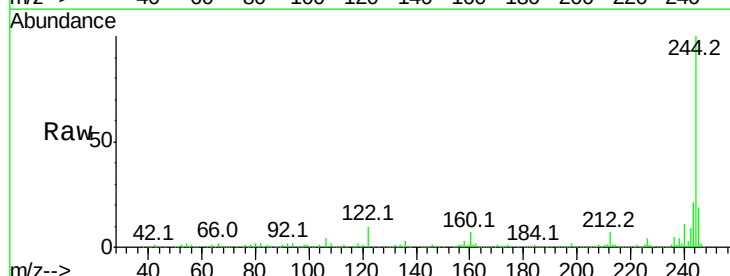
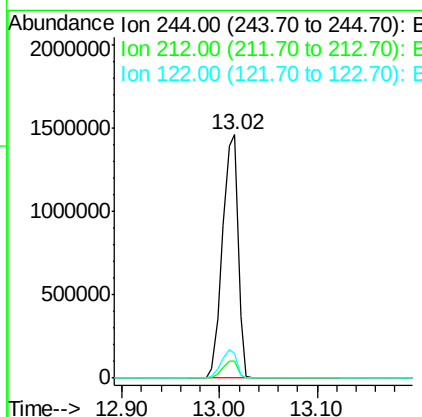
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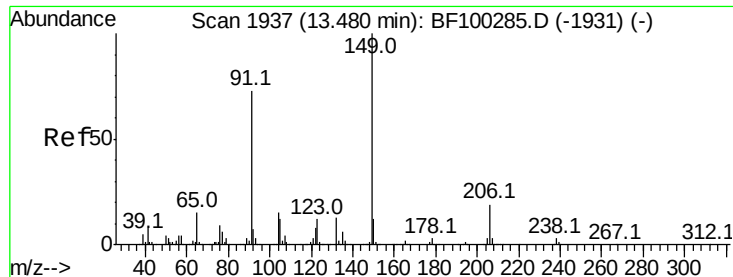
Sohil
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#78
Terphenyl-d14
Concen: 86.205 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:244 Resp: 1622874
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.4 11.0 16.4#





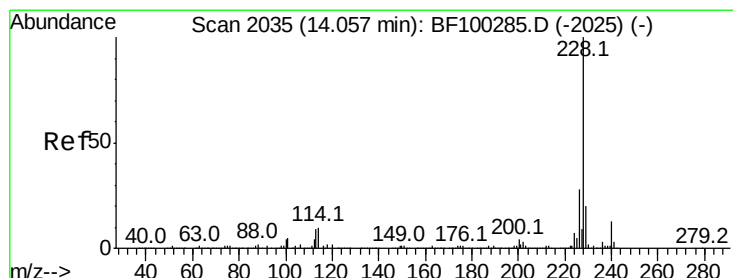
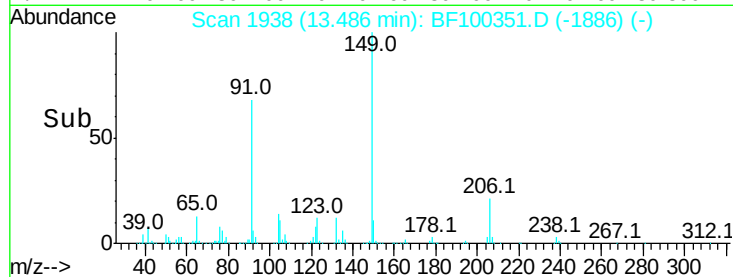
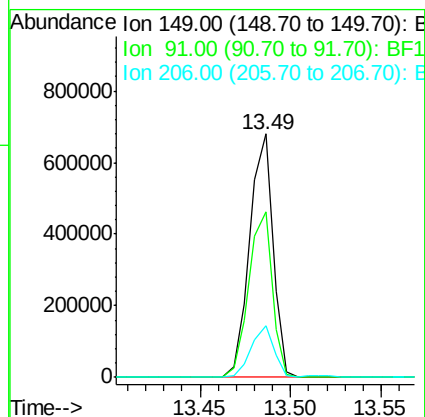
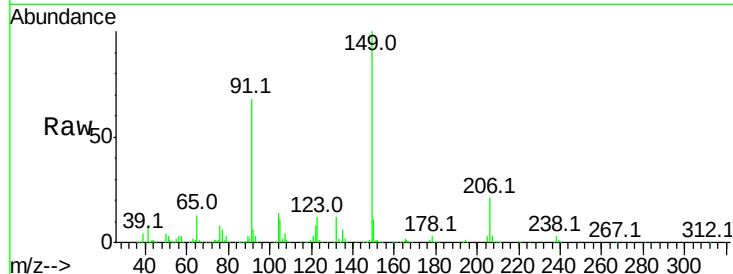
#79
Butylbenzylphthalate
Concen: 48.517 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleID :
PB104074BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	56.8	85.2
206	21.2	14.1	21.1

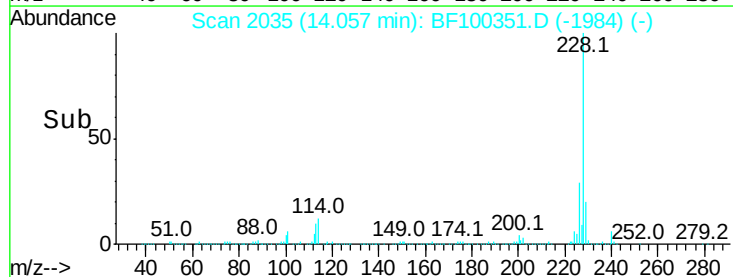
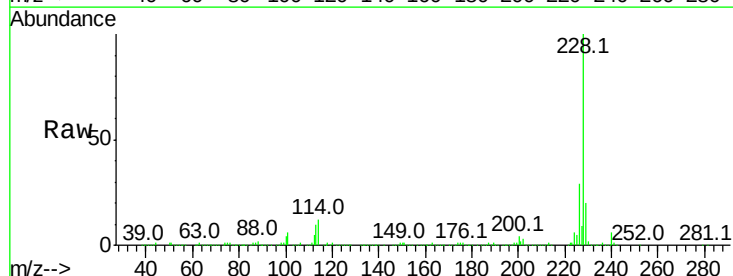
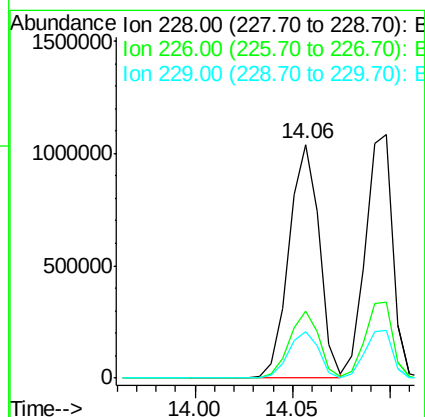
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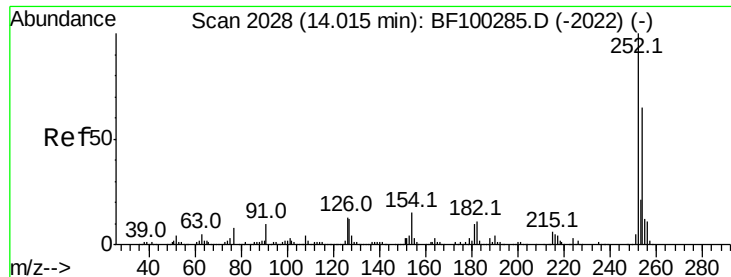
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#80
Benzo(a)anthracene
Concen: 42.623 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.0	15.8	23.6





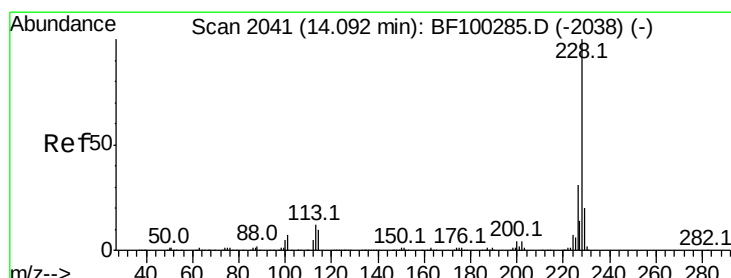
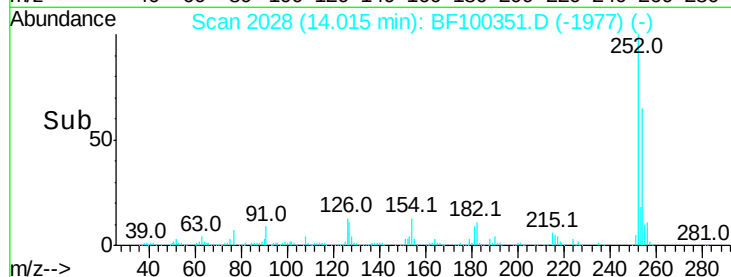
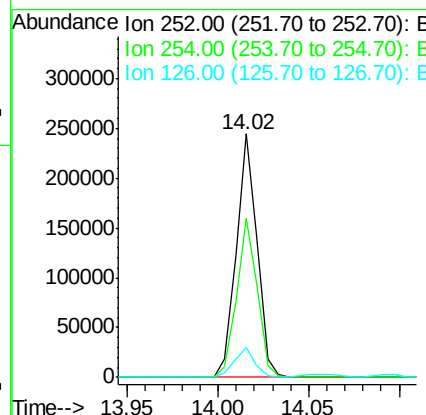
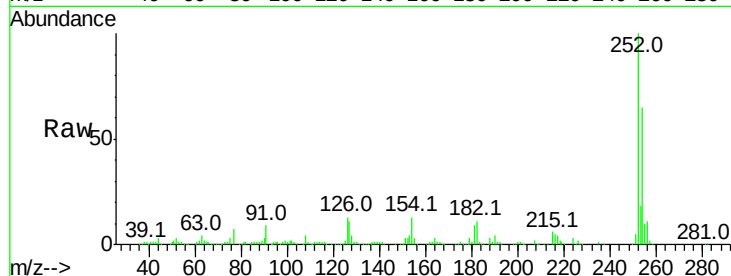
#81
 3,3'-Dichlorobenzidine
 Concen: 20.936 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.5	11.3	16.9

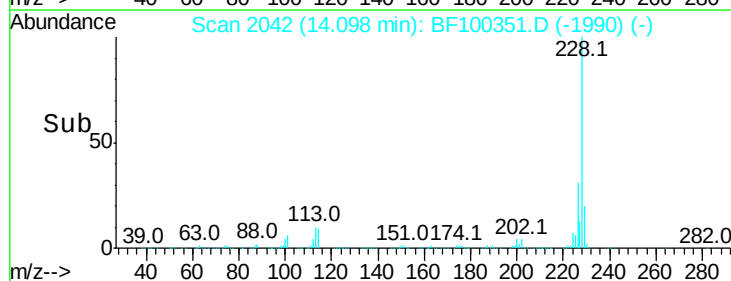
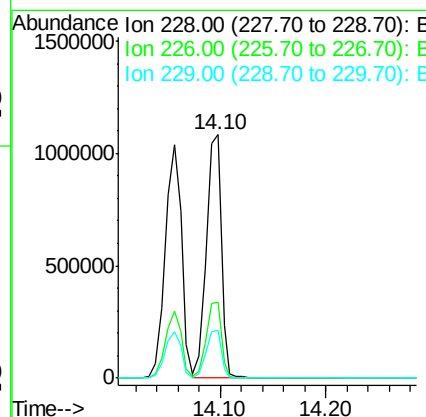
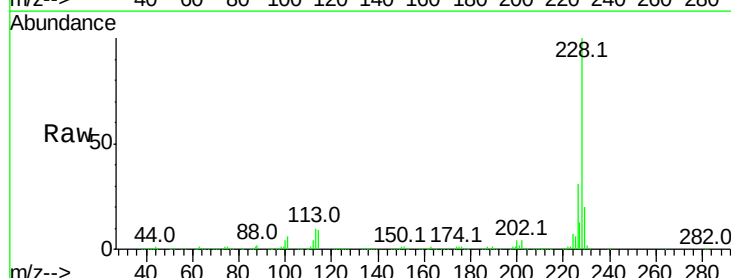
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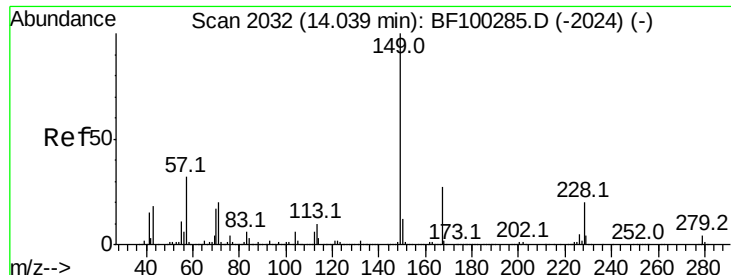
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#82
 Chrysene
 Concen: 41.949 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.5	16.2	24.4





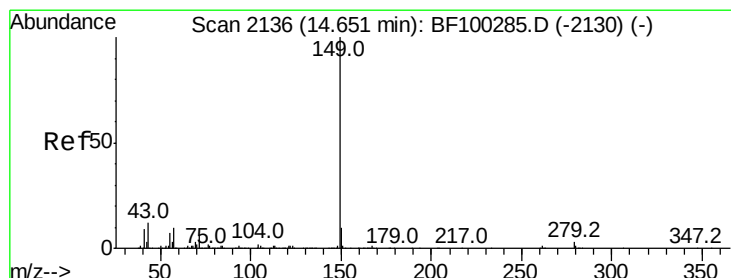
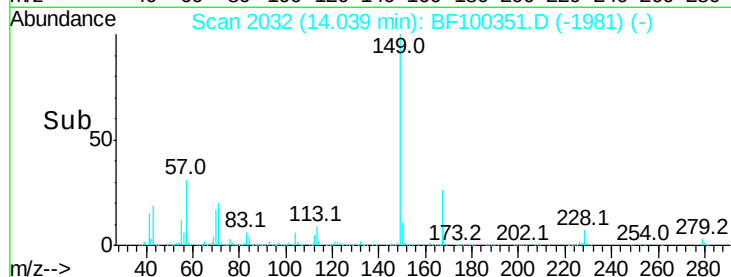
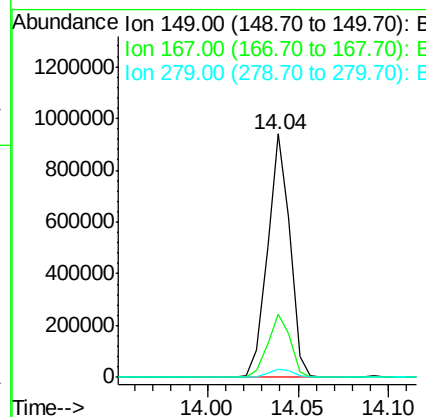
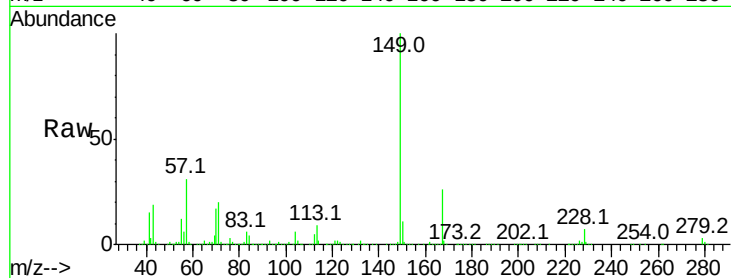
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.456 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB104074BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4

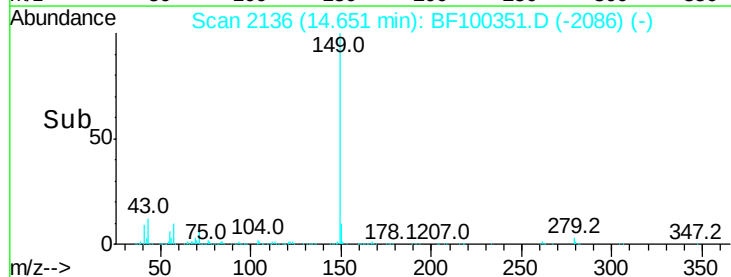
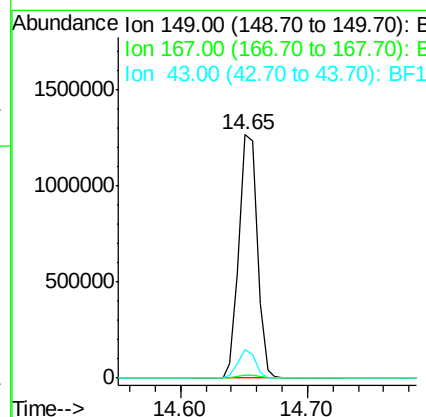
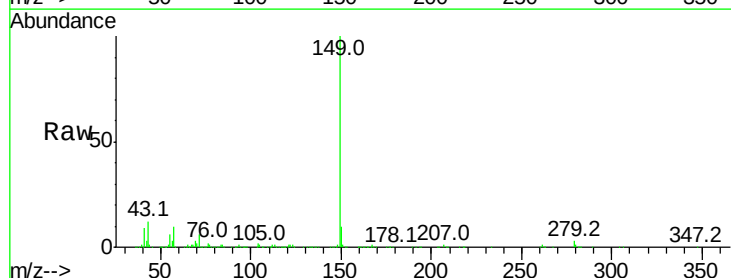
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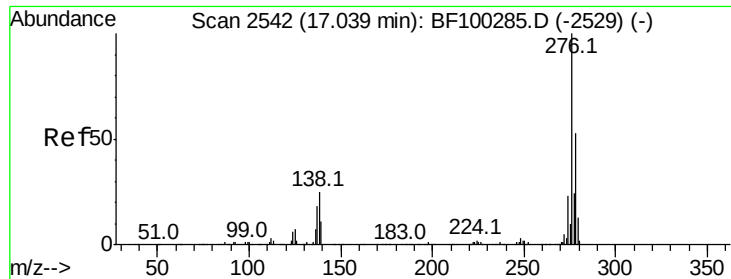
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#84
 Di-n-octyl phthalate
 Concen: 44.325 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.769 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

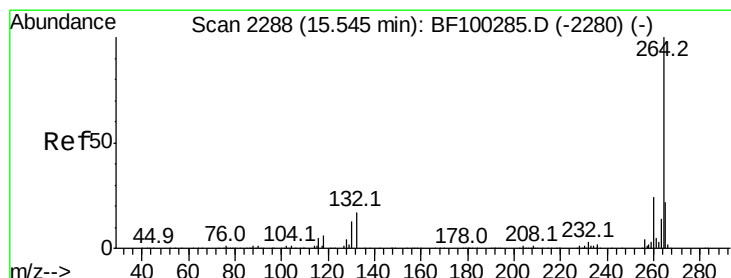
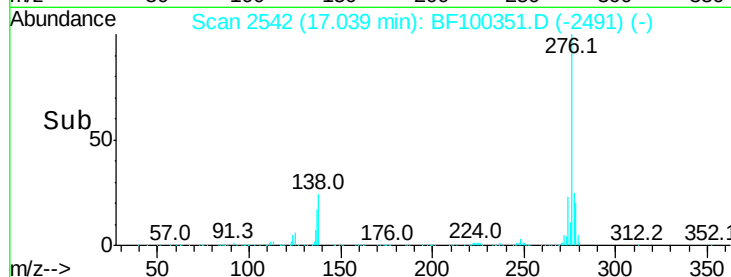
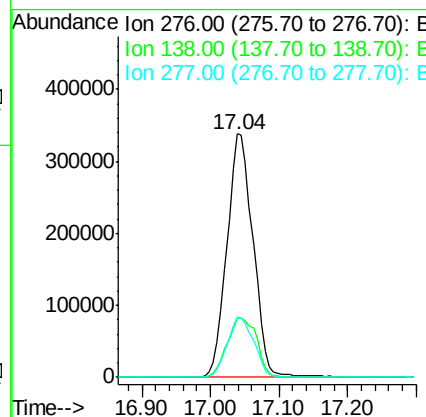
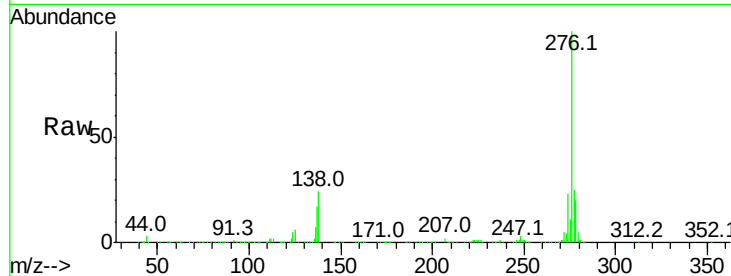
ClientSampleId :

PB104074BS

Tot Ion:	276	Resp:	893015
Ion Ratio	Lower	Upper	
276	100		
138	27.5	25.0	37.6
277	25.5	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

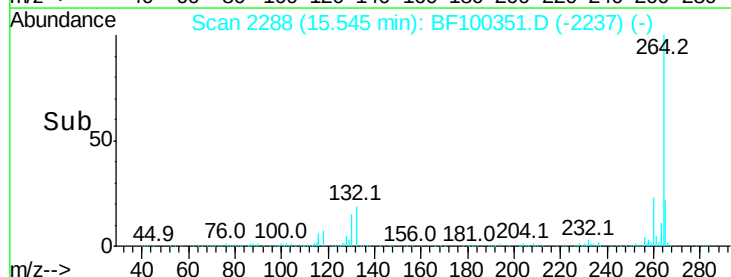
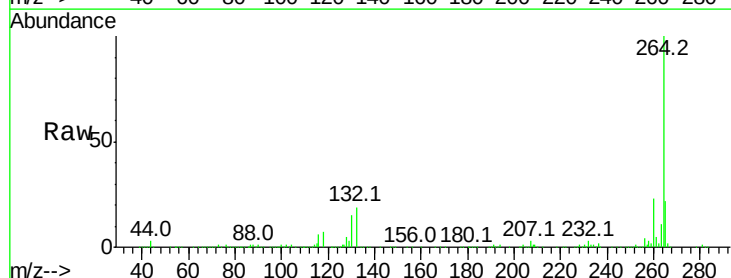
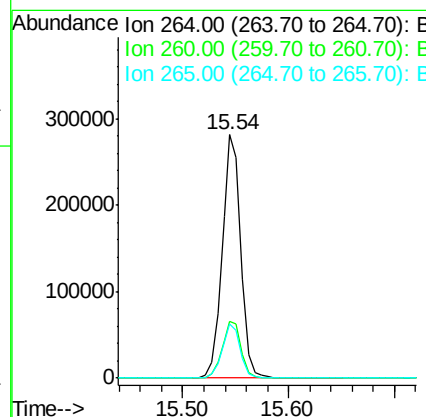
RT: 15.54 min Scan# 2288

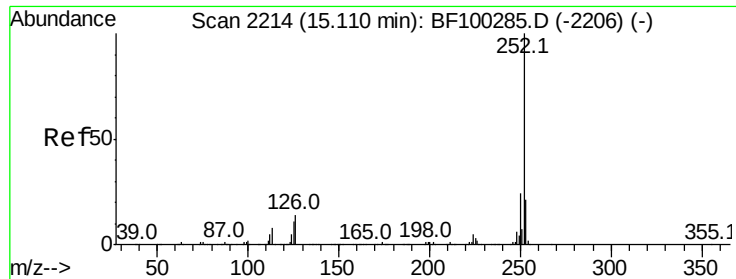
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:	264	Resp:	346533
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.044 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

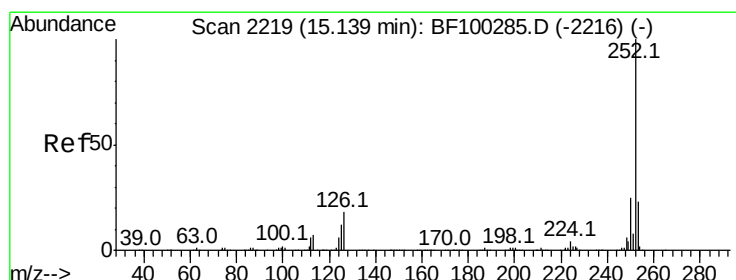
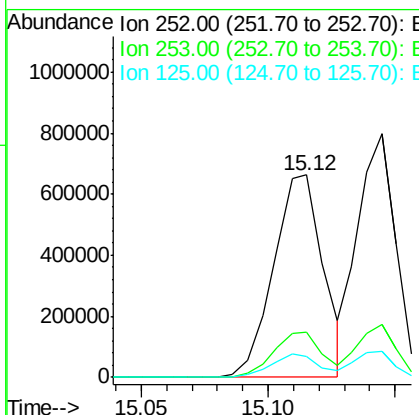
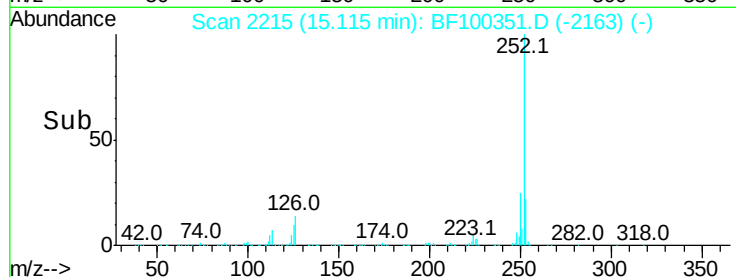
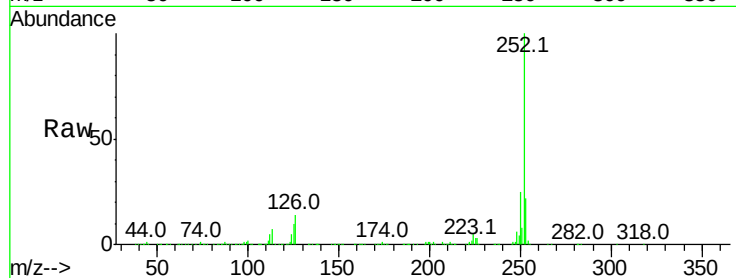
ClientSampled :

PB104074BS

Tot Ion:252	Resp:	904238
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.0 25.6
125	10.4	9.0 13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.549 ng

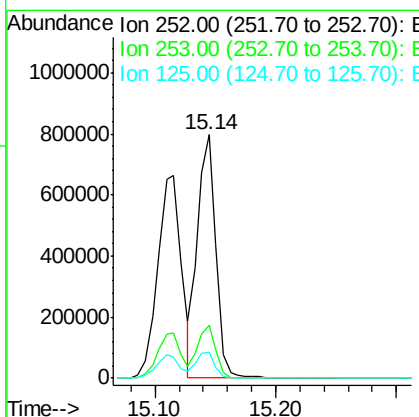
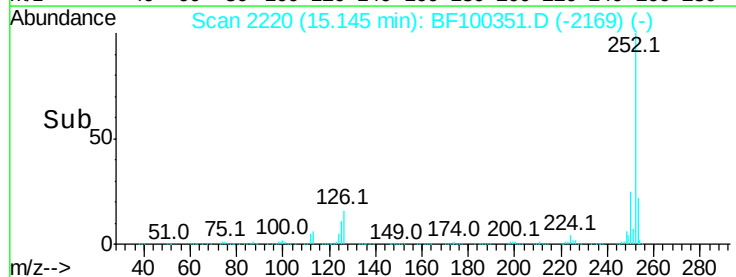
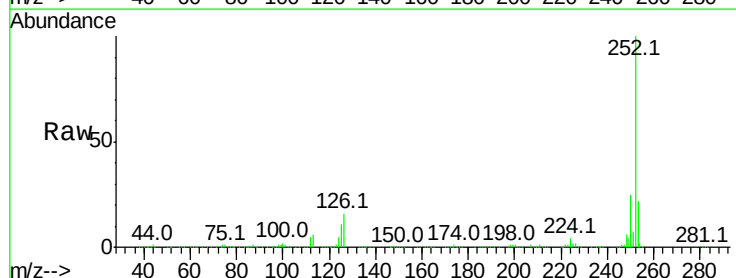
RT: 15.14 min Scan# 2220

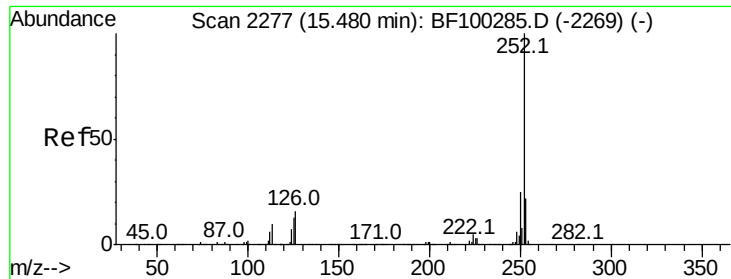
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:252	Resp:	844775
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.9 26.9
125	10.5	10.2 15.2





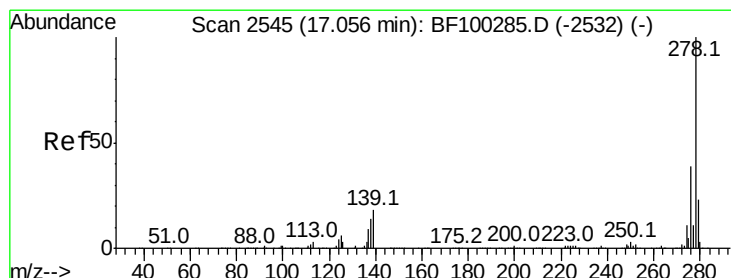
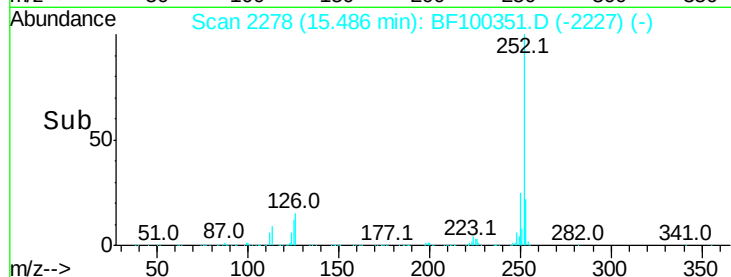
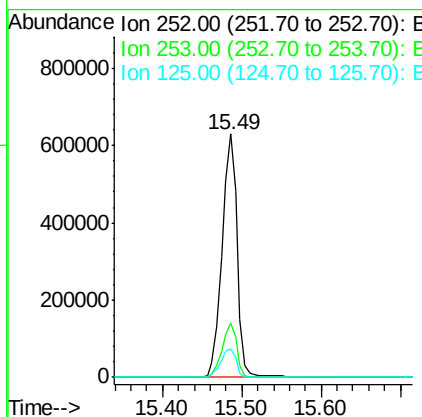
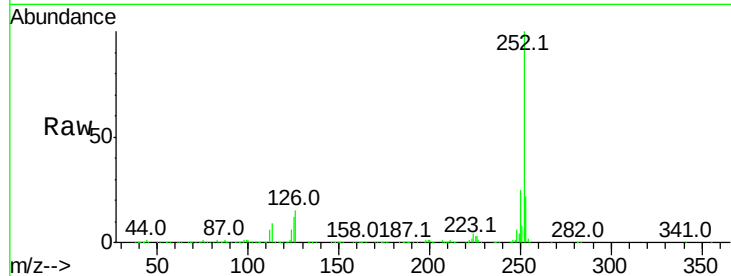
#89
Benzo(a)pyrene
Concen: 45.403 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.7	9.8	14.6

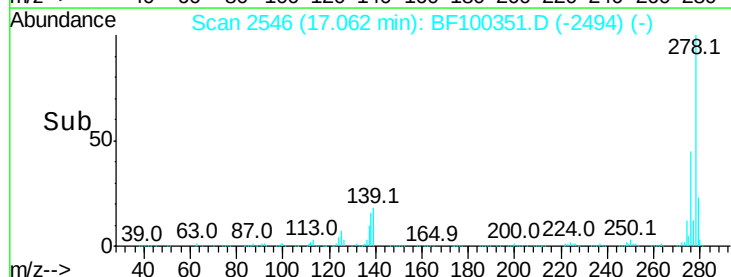
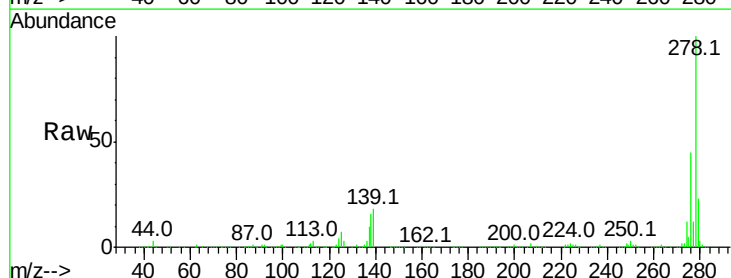
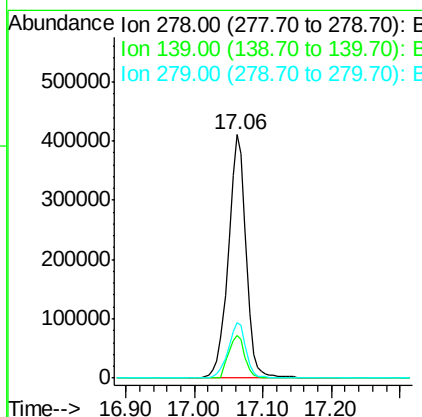
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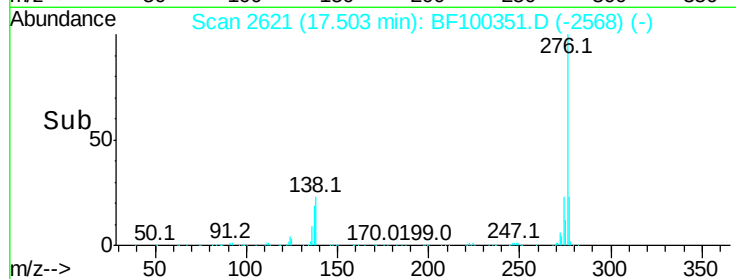
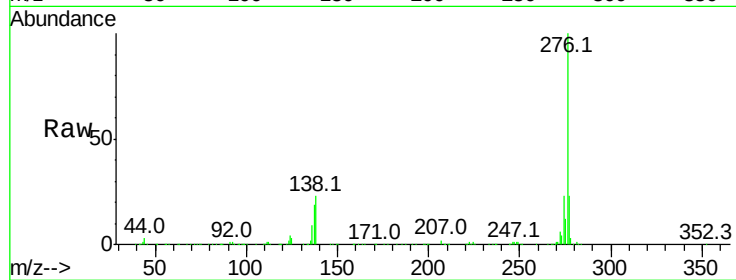
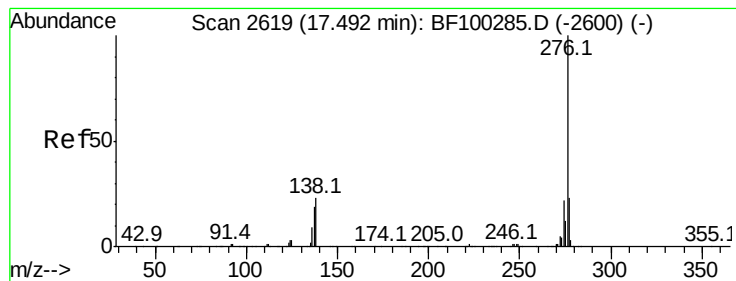
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 49.899 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 52.181 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

PB104074BS

Tot Ion:	276	Resp:	760310
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	23.3	21.8	32.8

Manual Integrations
APPROVED

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