

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100383.D
 Acq On : 10 Nov 2017 11:45
 Operator : SJ/JU
 Sample : PB104036BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:09 PM

Quant Time: Nov 10 15:54:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159520	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	655286	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	316717	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	628201	20.00	ng	0.00
75) Chrysene-d12	14.07	240	486987	20.00	ng	0.00
86) Perylene-d12	15.54	264	386795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	684886	68.82	ng	0.00
7) Phenol-d6	6.52	99	848580	69.15	ng	0.00
23) Nitrobenzene-d5	7.46	82	762867	76.97	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	243829	75.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1436013	69.04	ng	0.00
78) Terphenyl-d14	13.01	244	1504173	70.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	142606	29.405	ng	96
3) Pyridine	3.55	79	399512	30.195	ng	94
4) n-Nitrosodimethylamine	3.50	42	202657	31.547	ng	96
6) Aniline	6.56	93	171772	9.908	ng	99
8) 2-Chlorophenol	6.69	128	373693	35.496	ng	98
9) Benzaldehyde	6.45	77	223828	25.541	ng	99
10) Phenol	6.54	94	455182	35.334	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	357317	33.022	ng	93
12) 1,3-Dichlorobenzene	6.84	146	402353	33.149	ng	97
13) 1,4-Dichlorobenzene	6.92	146	404328	32.913	ng	97
14) 1,2-Dichlorobenzene	7.07	146	378341	33.310	ng	97
15) Benzyl Alcohol	7.04	79	334465	34.923	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	652040	37.676	ng	97
17) 2-Methylphenol	7.15	107	320652	35.642	ng	99
18) Hexachloroethane	7.42	117	139986	34.561	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	261353	30.710	ng	93
20) 3+4-Methylphenols	7.30	107	390519	34.303	ng	# 88
22) Acetophenone	7.31	105	494402	30.941	ng	# 96
24) Nitrobenzene	7.48	77	395598	38.779	ng	98
25) Isophorone	7.72	82	727992	34.952	ng	100
26) 2-Nitrophenol	7.80	139	206820	43.774	ng	96
27) 2,4-Dimethylphenol	7.83	122	362519	38.826	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	457199	33.558	ng	99
29) 2,4-Dichlorophenol	8.03	162	327394	36.730	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	324900	33.697	ng	97
31) Naphthalene	8.20	128	1055725	33.449	ng	100
32) Benzoic acid	7.95	122	251889	37.723	ng	97
33) 4-Chloroaniline	8.25	127	63023	4.797	ng	97
34) Hexachlorobutadiene	8.32	225	187874	32.772	ng	100
35) Caprolactam	8.63	113	112398m	36.744	ng	
36) 4-Chloro-3-methylphenol	8.73	107	350492	36.612	ng	99
37) 2-Methylnaphthalene	8.90	142	733848	35.022	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	319280	30.396	ng	99
40) Hexachlorocyclopentadiene	9.05	237	396782	80.261	ng	97

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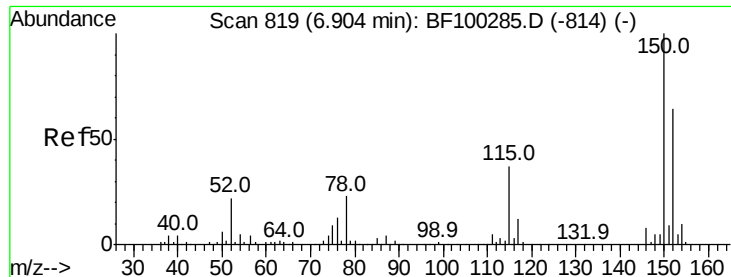
Manual Integrations
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 11/13/2017 4:43:09 PM

Quant Time: Nov 10 15:54:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	247102	37.118	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	256563	37.197	ng	93
45) 1,1'-Biphenyl	9.36	154	870211	31.768	ng	98
46) 2-Chloronaphthalene	9.39	162	680341	34.235	ng	97
47) 2-Nitroaniline	9.48	65	227557	39.289	ng	95
48) Acenaphthylene	9.80	152	1077858	32.728	ng	99
49) Dimethylphthalate	9.66	163	819729	33.899	ng	99
50) 2,6-Dinitrotoluene	9.72	165	188106	39.298	ng	95
51) Acenaphthene	9.97	154	727507	36.322	ng	99
52) 3-Nitroaniline	9.89	138	70106	12.403	ng	94
53) 2,4-Dinitrophenol	9.99	184	188876	86.541	ng	# 20
54) Dibenzofuran	10.15	168	959078	34.164	ng	99
55) 4-Nitrophenol	10.05	139	332778	72.507	ng	95
56) 2,4-Dinitrotoluene	10.13	165	257216	42.596	ng	85
57) Fluorene	10.49	166	714213	34.730	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	217891	38.545	ng	# 88
59) Diethylphthalate	10.36	149	814111	33.642	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	347654	34.461	ng	92
61) 4-Nitroaniline	10.50	138	192081	35.839	ng	95
62) Azobenzene	10.64	77	778918	34.175	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	123682	40.601	ng	91
65) n-Nitrosodiphenylamine	10.60	169	701131	32.098	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	229075	34.017	ng	91
67) Hexachlorobenzene	11.03	284	239349	33.983	ng	92
68) Atrazine	11.12	200	228008	34.484	ng	98
69) Pentachlorophenol	11.23	266	291838	57.785	ng	97
70) Phenanthrene	11.45	178	1099418	33.240	ng	99
71) Anthracene	11.50	178	1136965	33.882	ng	99
72) Carbazole	11.66	167	1015178	32.787	ng	99
73) Di-n-butylphthalate	11.98	149	1271651	35.095	ng	99
74) Fluoranthene	12.64	202	1190919	33.974	ng	98
76) Benzidine	12.76	184	269748	13.831	ng	97
77) Pyrene	12.87	202	1226521	35.332	ng	100
79) Butylbenzylphthalate	13.48	149	544136	38.436	ng	99
80) Benzo(a)anthracene	14.06	228	1021957	34.848	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	194260	18.488	ng	# 96
82) Chrysene	14.09	228	964866	33.976	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	721005	38.722	ng	100
84) Di-n-octyl phthalate	14.65	149	1125078	35.172	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	738728	32.160	ng	96
87) Benzo(b)fluoranthene	15.11	252	840890	36.695	ng	99
88) Benzo(k)fluoranthene	15.14	252	722478	33.368	ng	98
89) Benzo(a)pyrene	15.49	252	712731	35.083	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	615552	37.050	ng	99
91) Benzo(g,h,i)perylene	17.50	276	650936	40.024	ng	95

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



#1

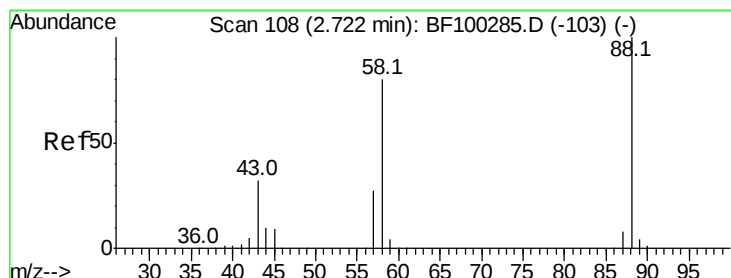
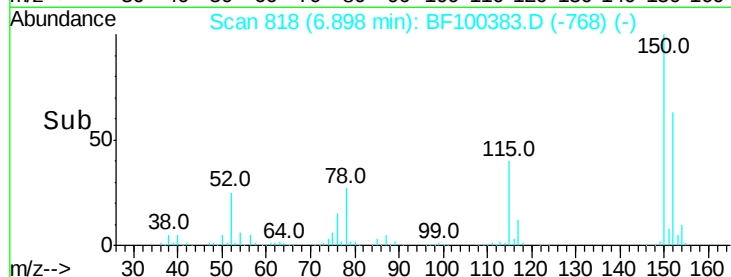
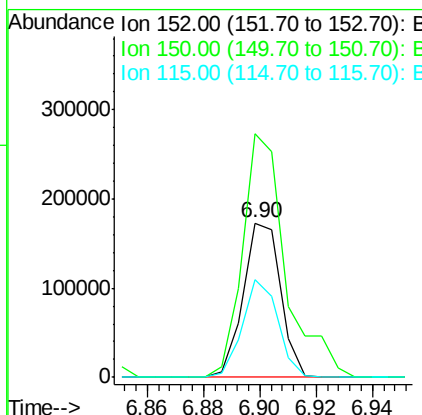
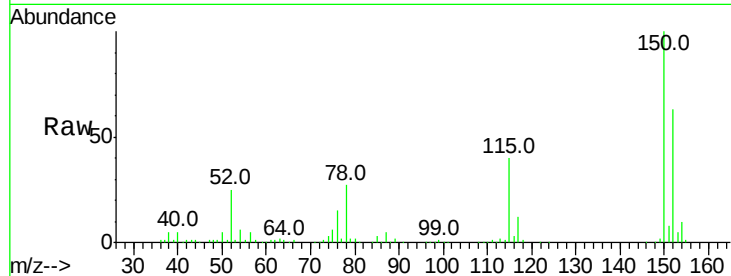
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.5	50.1	75.1

Manual Integrations
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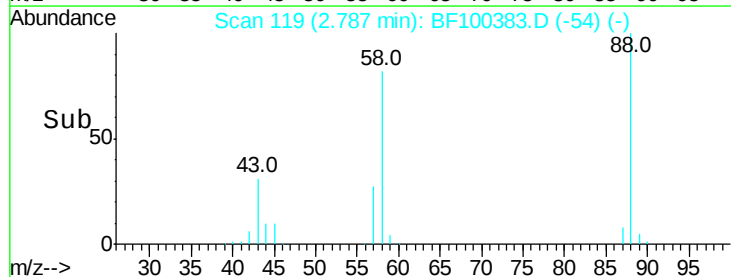
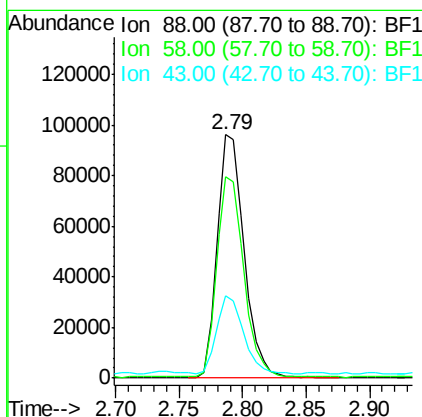
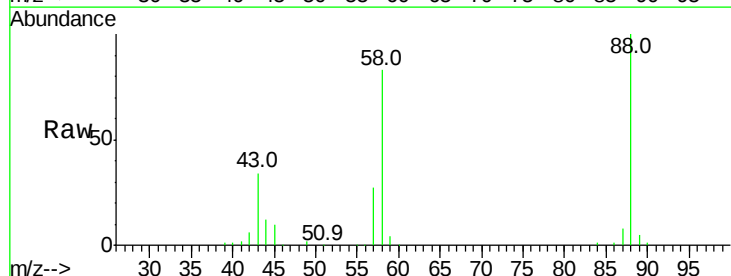
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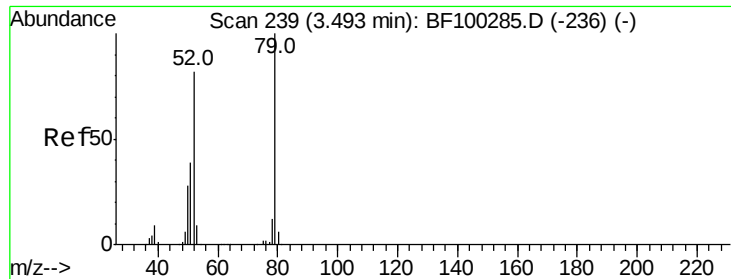


#2

1,4-Dioxane
Concen: 29.405 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.08 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	62.6	93.8
43	31.4	24.6	37.0





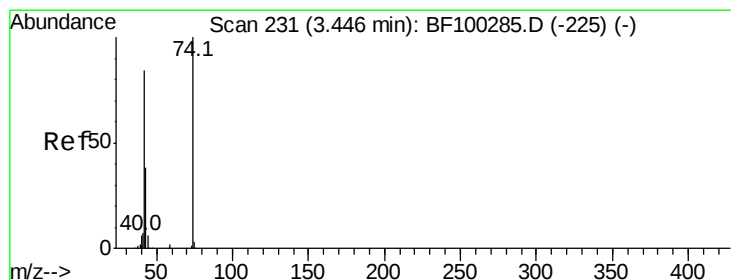
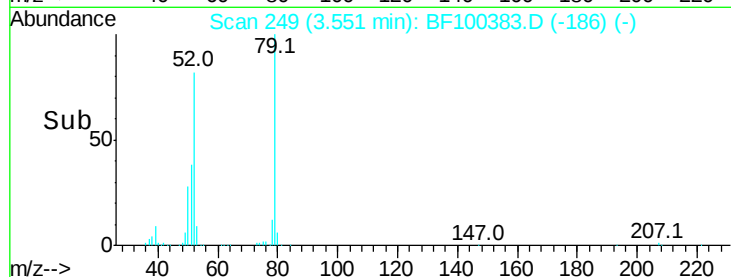
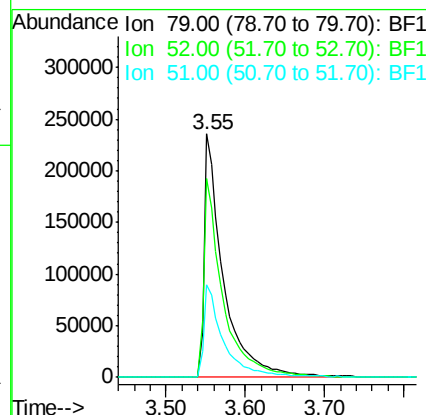
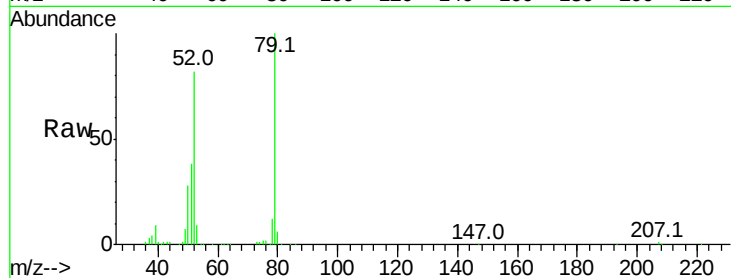
#3
 Pvridine
 Concen: 30.195 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.07 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.8	59.8	89.6
51	38.2	29.8	44.8

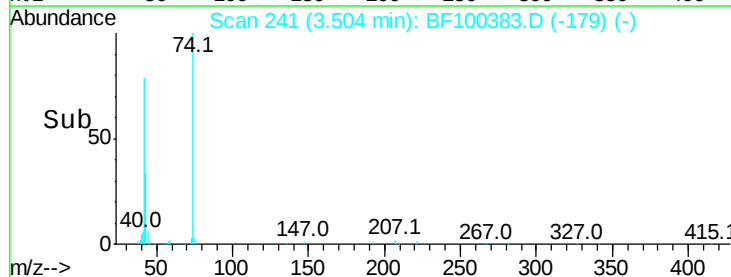
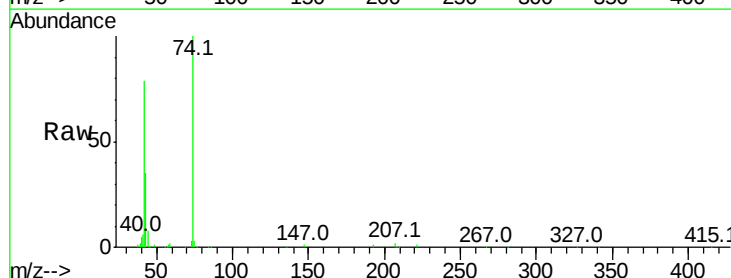
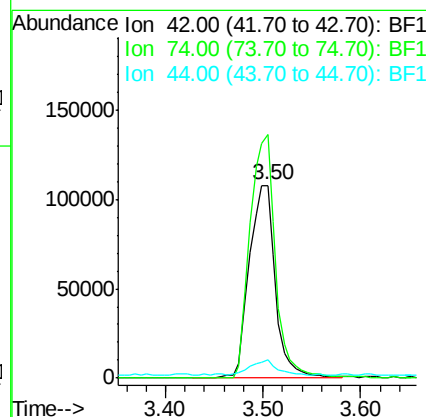
Manual Integrations
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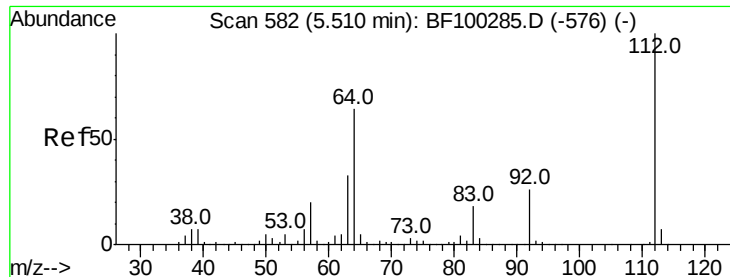
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#4
 n-Nitrosodimethylamine
 Concen: 31.547 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.06 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.1	104.9	157.3
44	9.6	6.9	10.3





#5

2-Fluorophenol

Concen: 68.823 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

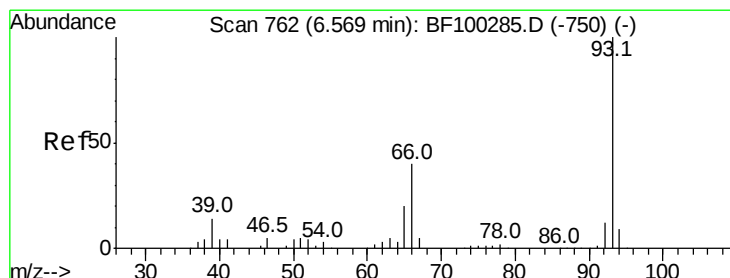
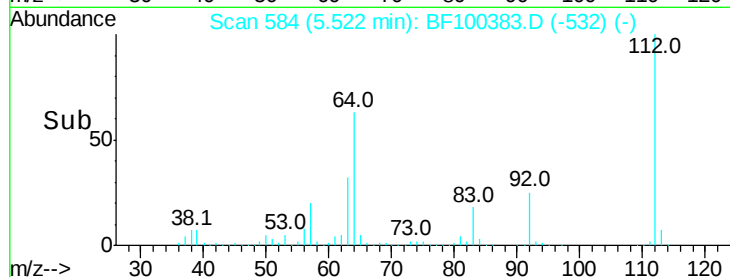
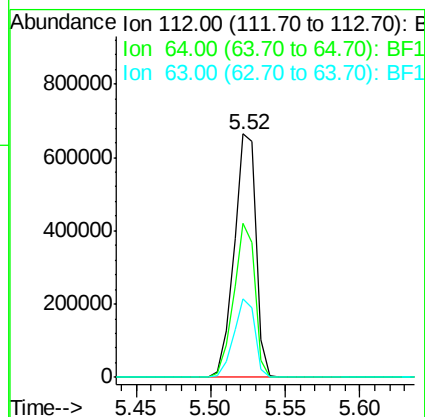
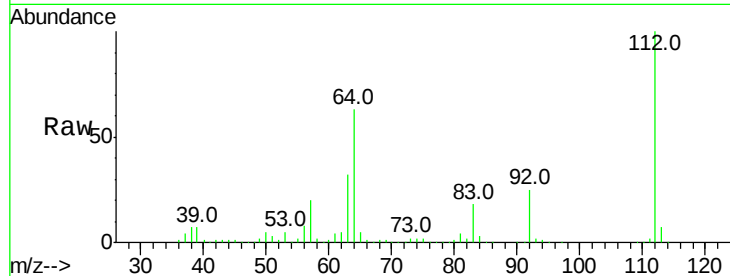
ClientSampleId :

PB104036BSD

Tot Ion:	112	Resp:	684886
Ion Ratio	Lower	Upper	
112	100		
64	63.0	47.9	71.9
63	32.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 9.908 ng

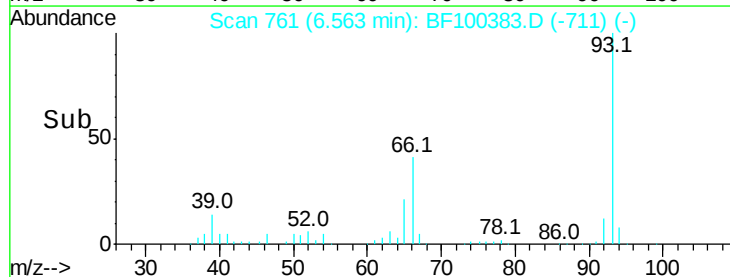
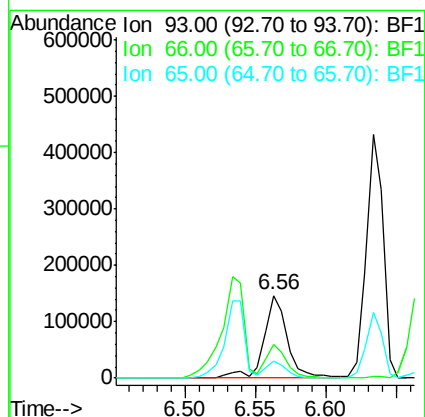
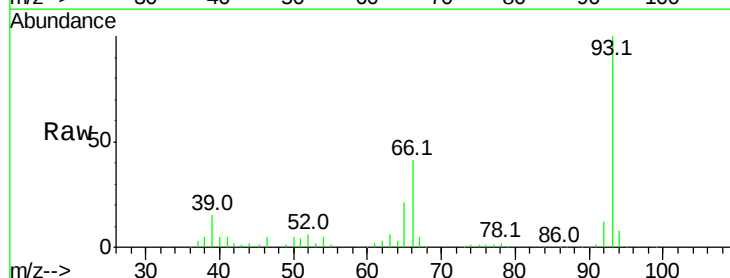
RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	93	Resp:	171772
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.2	48.2
65	21.3	16.4	24.6





#7

Phenol-d6

Concen: 69.151 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

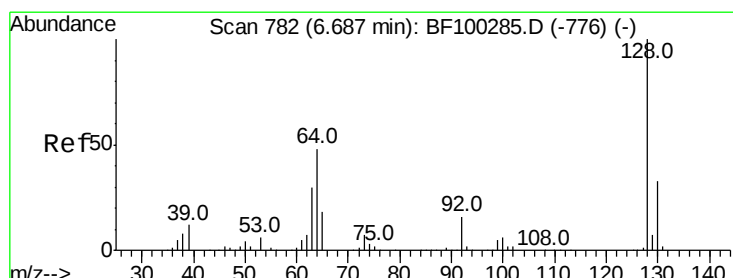
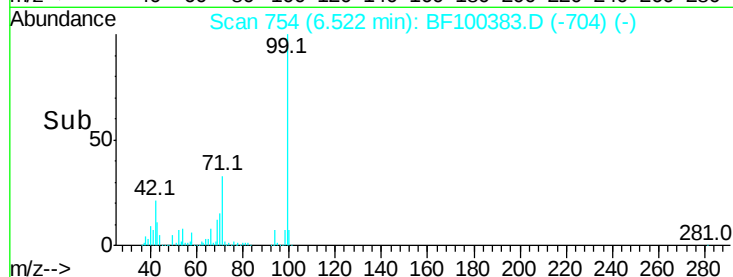
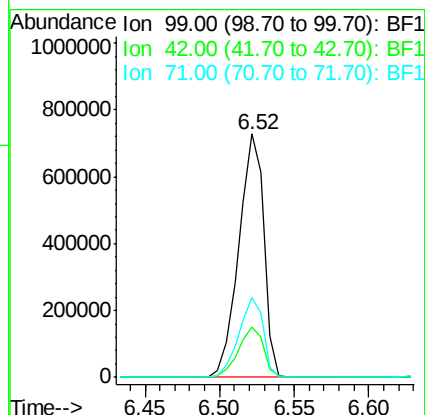
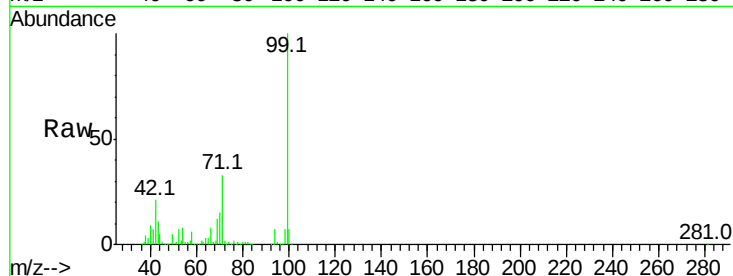
ClientSampleId :

PB104036BSD

Tot Ion:	99	Resp:	848580
Ion Ratio	Lower	Upper	
99	100		
42	20.7	14.5	21.7
71	32.7	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.496 ng

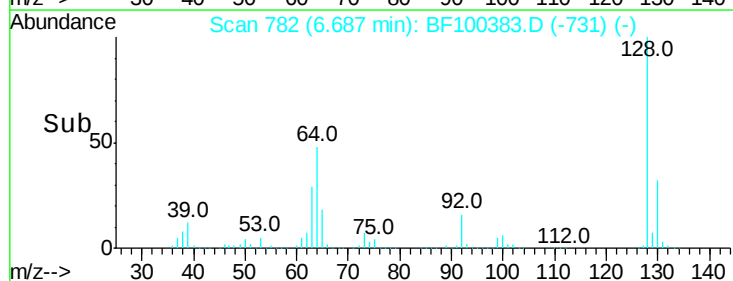
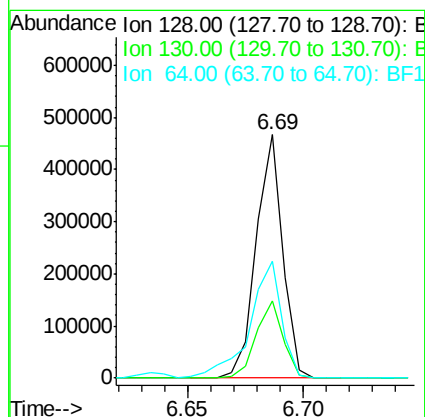
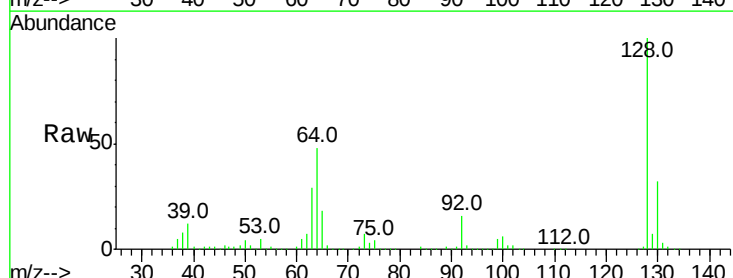
RT: 6.69 min Scan# 782

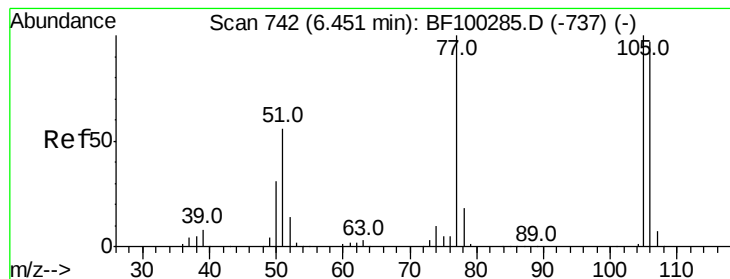
Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	128	Resp:	373693
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	48.2	29.4	69.4





#9

Benzaldehyde

Concen: 25.541 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

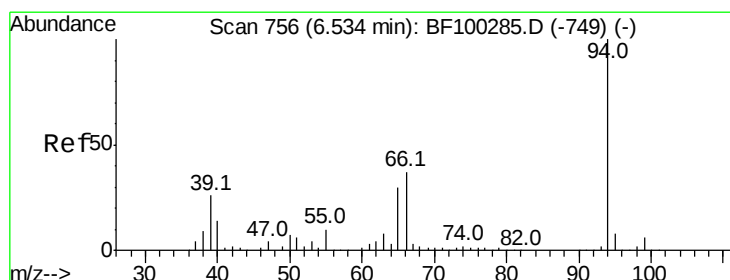
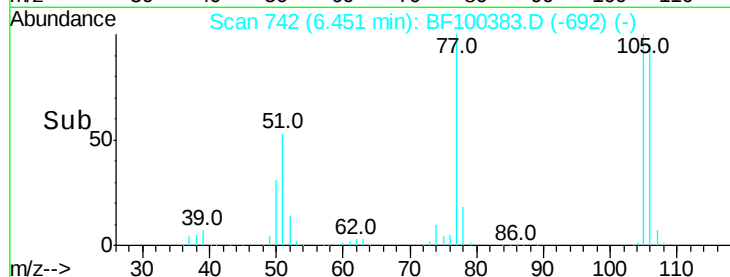
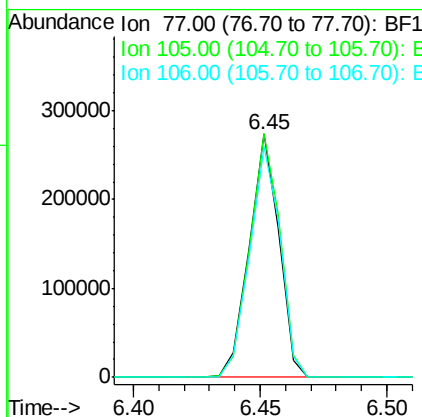
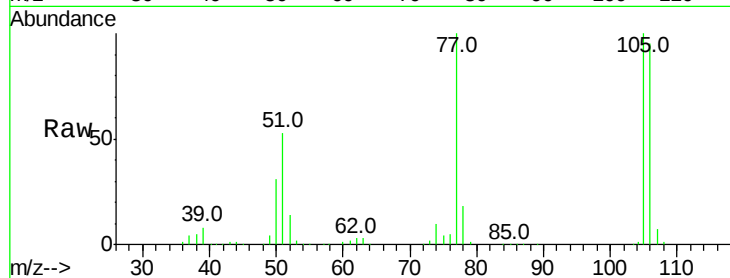
ClientSampleId :

PB104036BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	81.1	121.1
106	94.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.334 ng

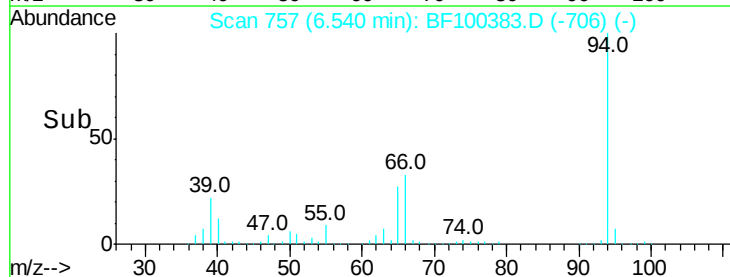
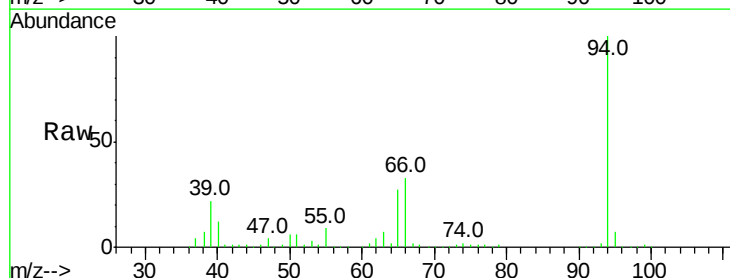
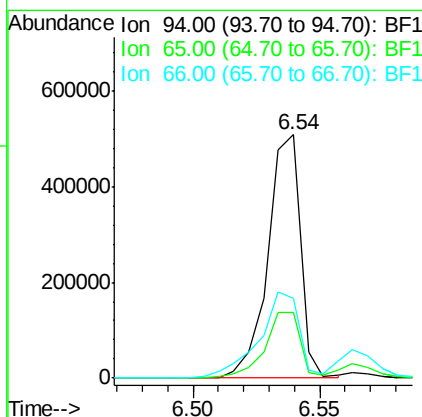
RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	33.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 33.022 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

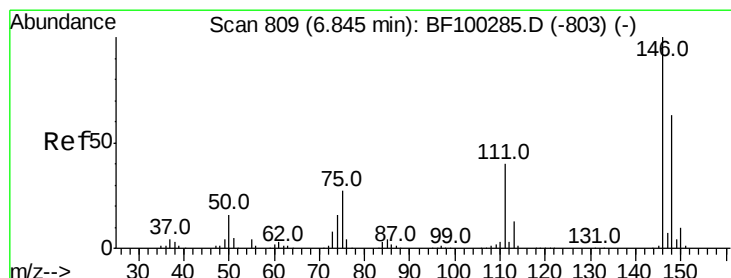
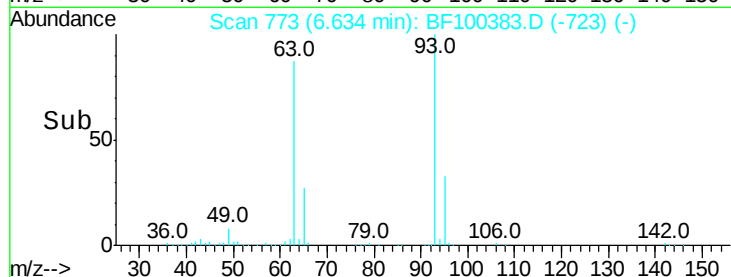
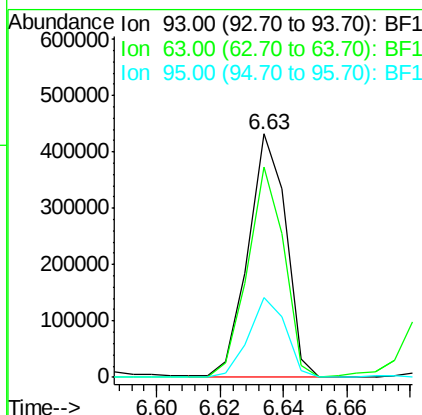
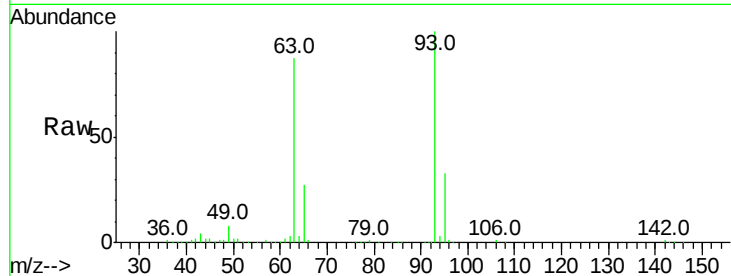
ClientSampleId :

PB104036BSD

Tot Ion:	93	Resp:	357317
Ion Ratio	Lower	Upper	
93	100		
63	86.5	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 33.149 ng

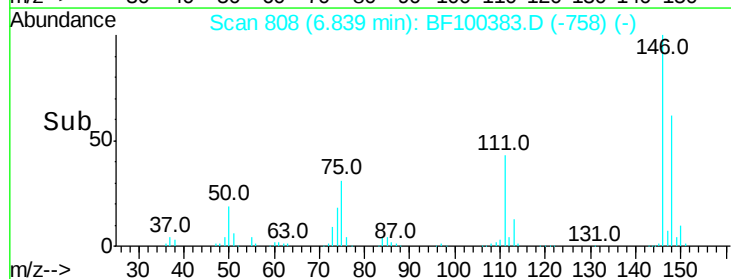
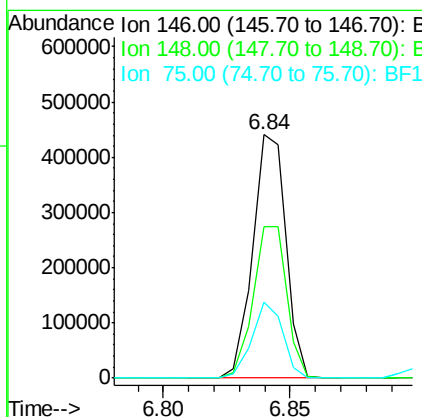
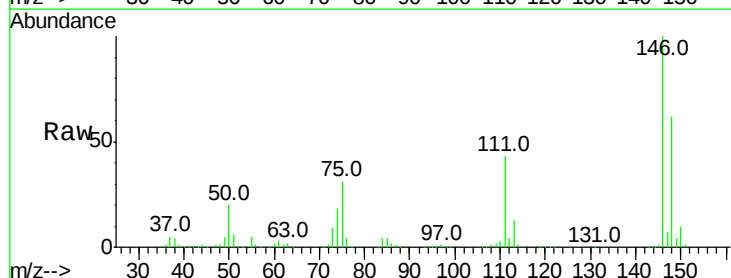
RT: 6.84 min Scan# 808

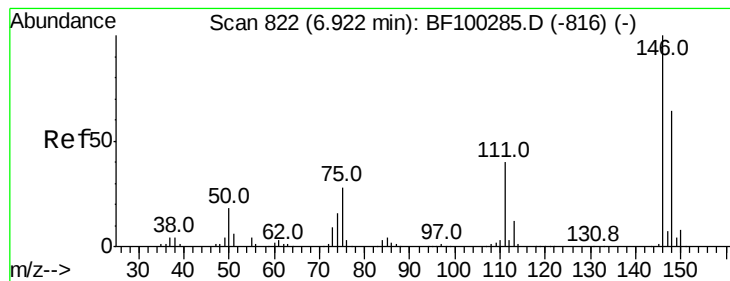
Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	146	Resp:	402353
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.8	77.8
75	31.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.913 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

ClientSampleId :

PB104036BSD

Tot Ion:146 Resp: 404328

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

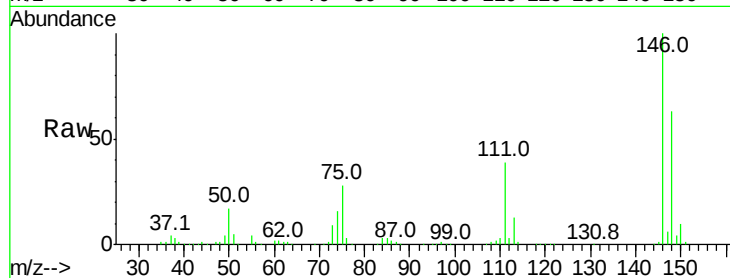
111 39.2 34.2 51.2

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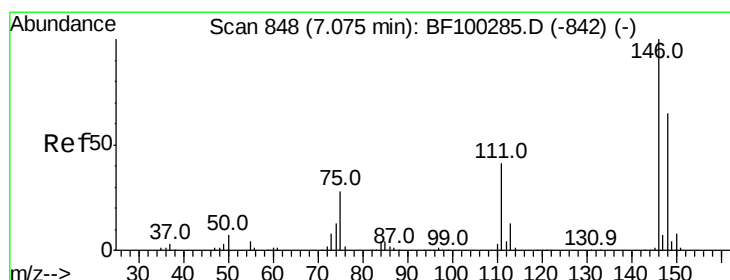
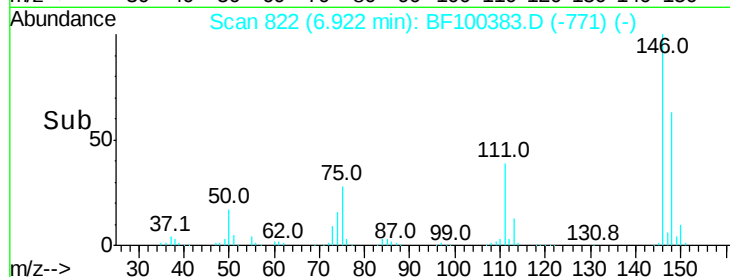
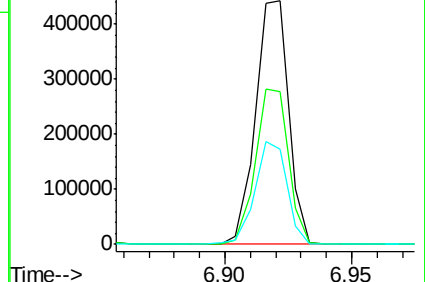
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.310 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

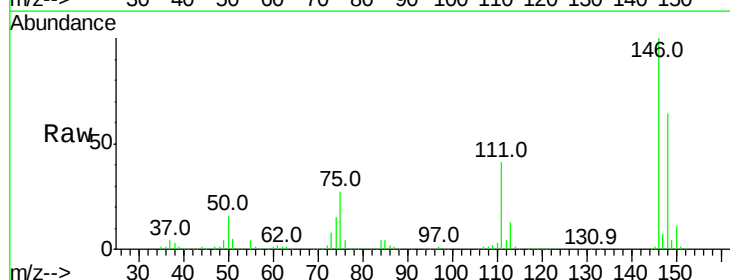
Tgt Ion:146 Resp: 378341

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

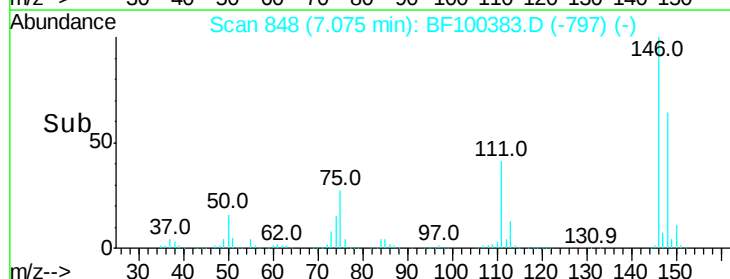
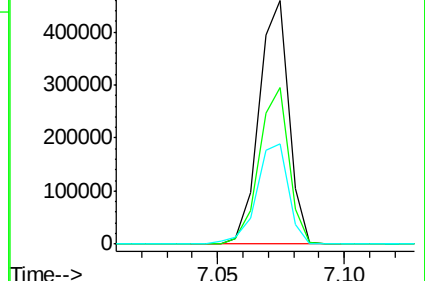
111 41.4 36.0 54.0

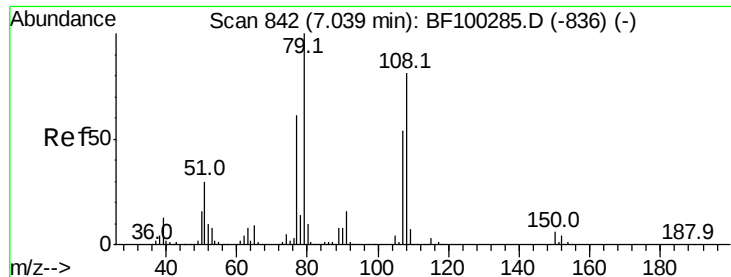


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.923 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

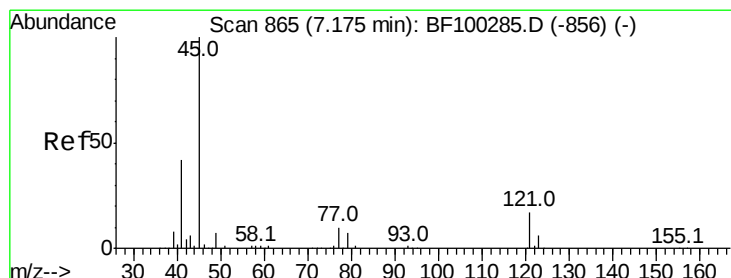
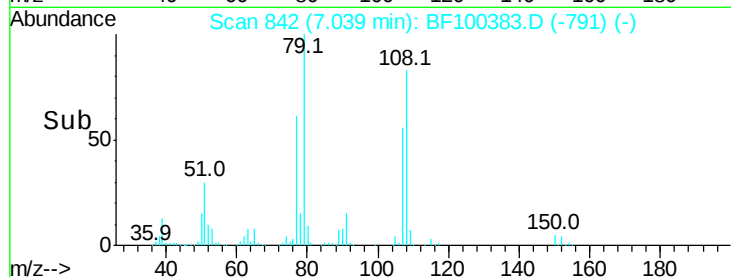
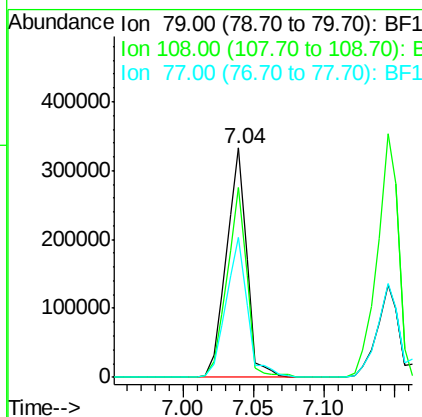
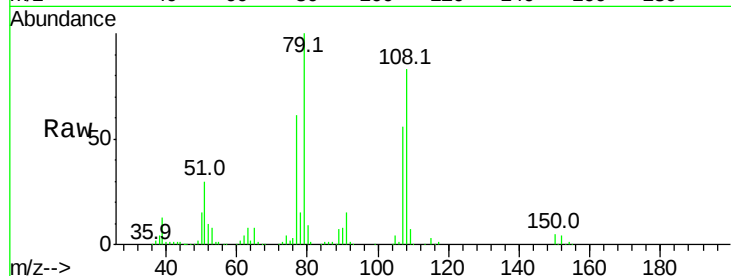
ClientSampleId :

PB104036BSD

Tot Ion:	79	Resp:	334465
Ion Ratio	Lower	Upper	
79	100		
108	82.7	65.1	97.7
77	61.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.676 ng

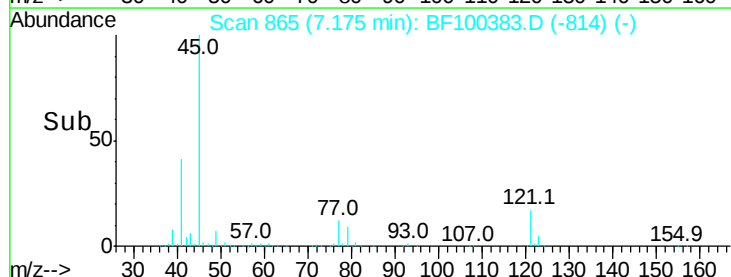
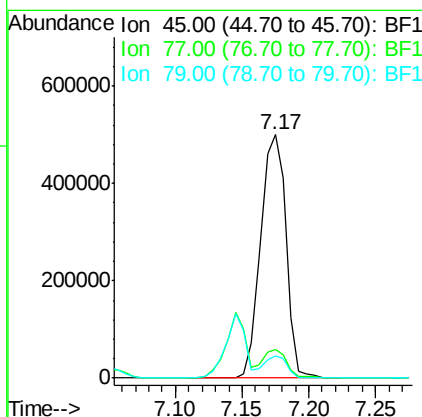
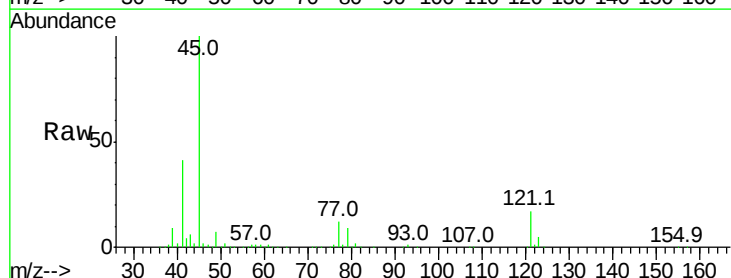
RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	45	Resp:	652040
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	32.9
79	8.9	0.0	29.6





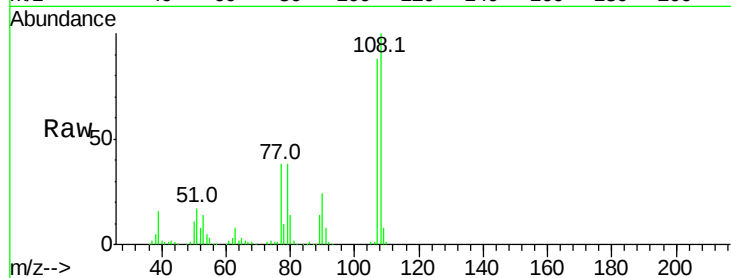
#17
2-Methylphenol
Concen: 35.642 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.7	137.5	
77	43.6	33.8	50.8	
79	43.0	33.8	50.8	

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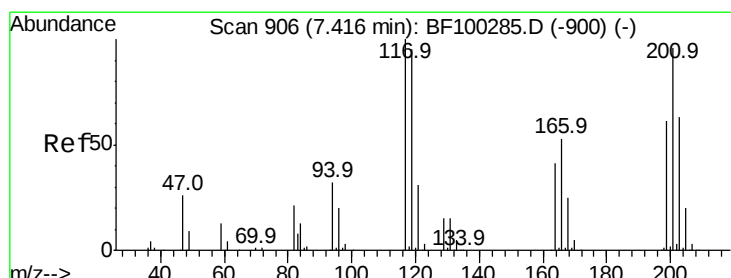
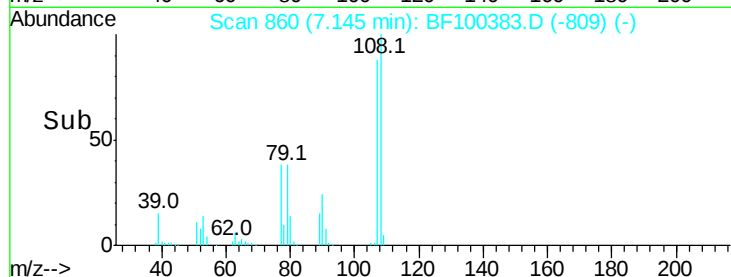
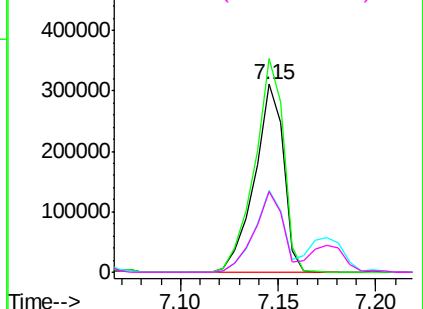
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.561 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

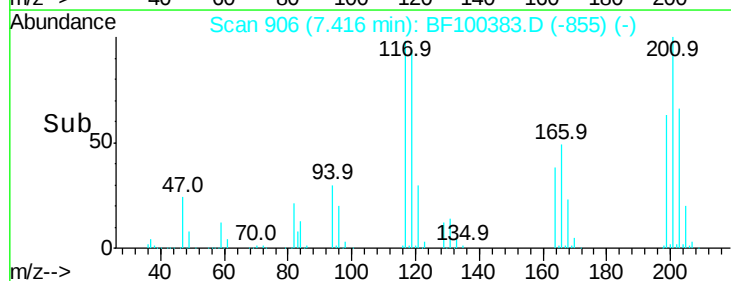
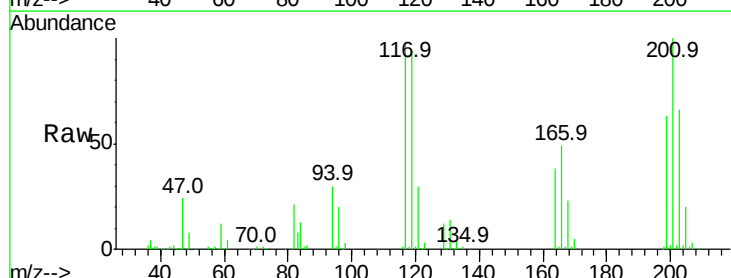
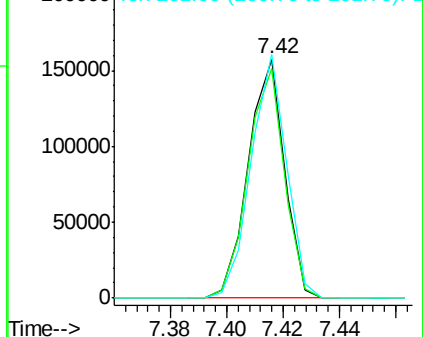
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.8	113.8	
201	102.0	75.7	113.5	

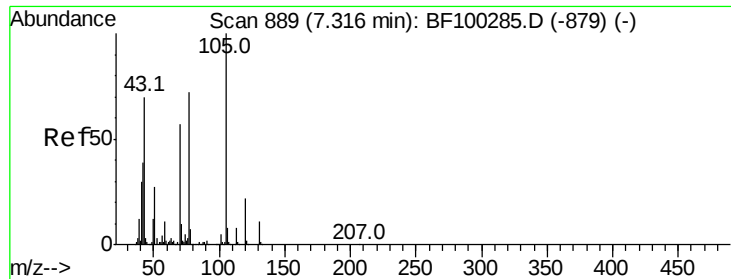
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





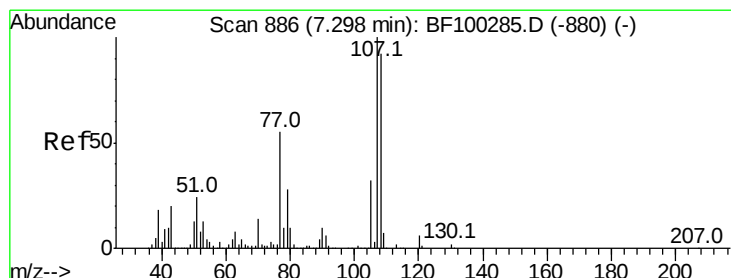
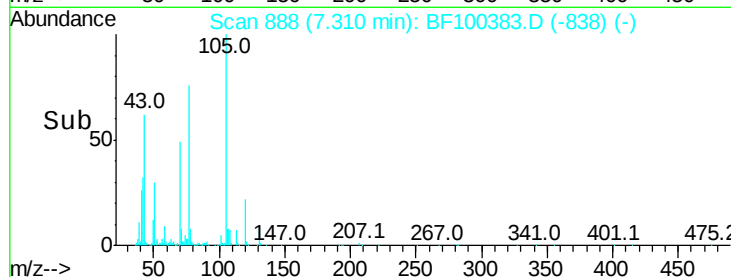
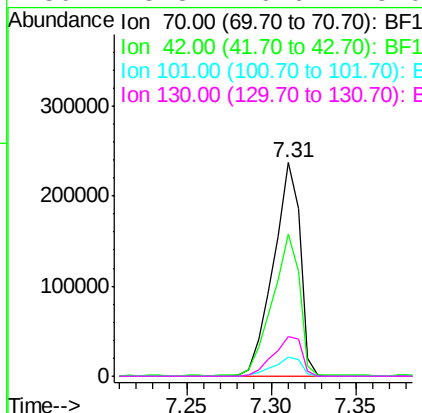
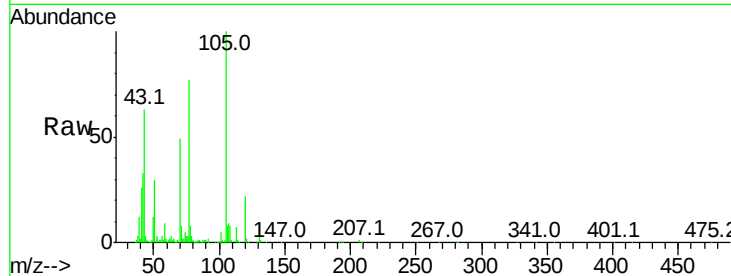
#19
n-Nitroso-di-n-propylamine
Concen: 30.710 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	70	Resp	261353
Ion Ratio	Lower	Upper	
70	100		
42	66.4	47.5	71.3
101	9.2	7.4	11.2
130	18.8	16.6	25.0

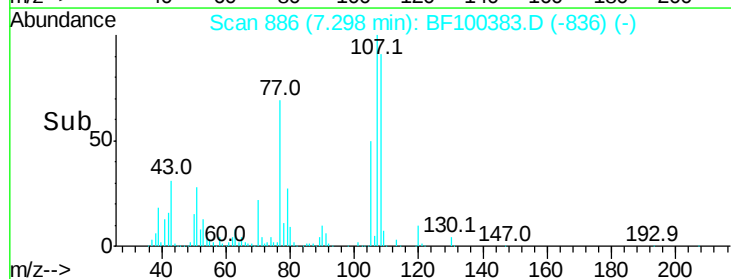
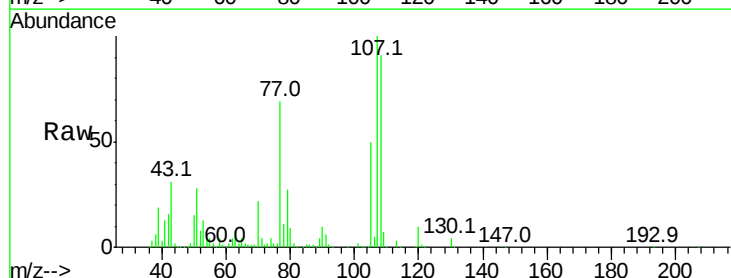
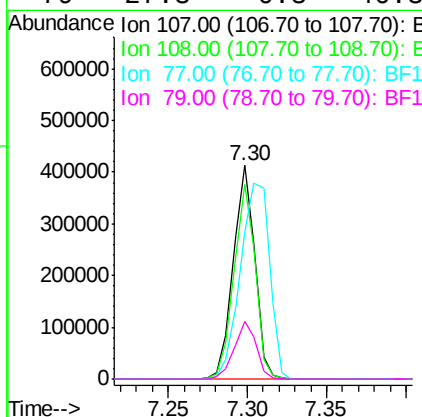
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#20
3+4-Methylphenols
Concen: 34.303 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	107	Resp	390519
Ion Ratio	Lower	Upper	
107	100		
108	91.0	68.2	108.2
77	68.9	26.7	66.7#
79	27.3	6.3	46.3





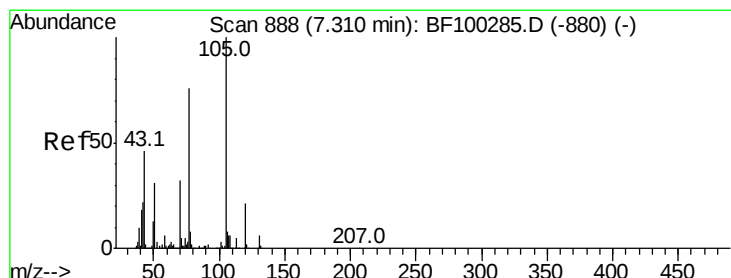
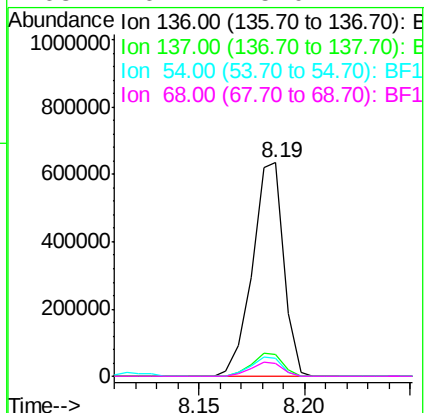
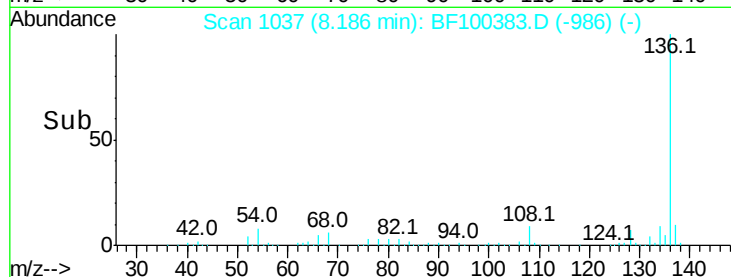
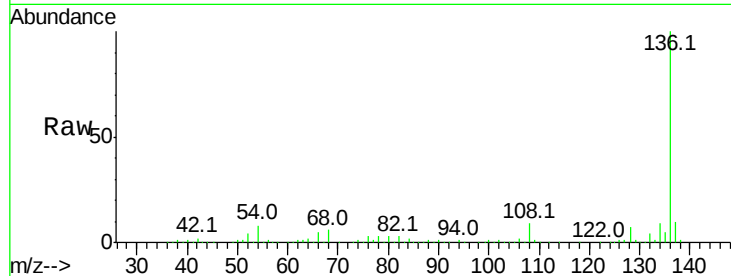
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	655286		
137	10.4		8.9	13.3
54	8.1		6.6	9.8
68	6.2		5.0	7.4

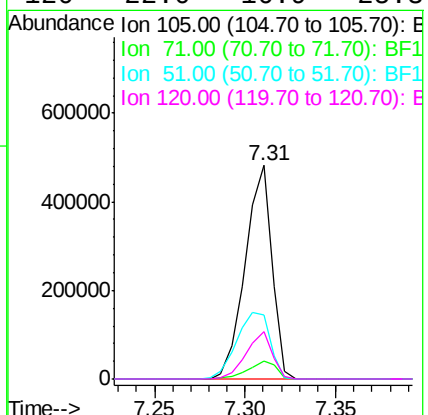
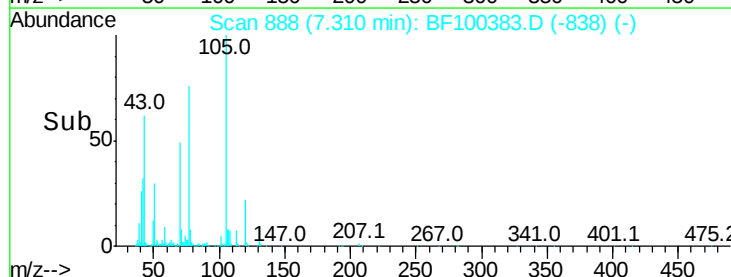
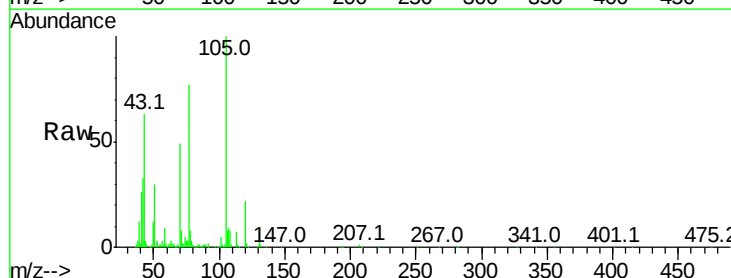
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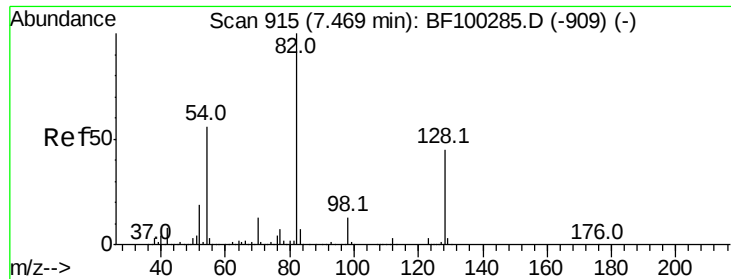
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#22
Acetophenone
Concen: 30.941 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494402		
71	8.2		4.4	6.6#
51	29.9		22.3	33.5
120	22.0		16.9	25.3





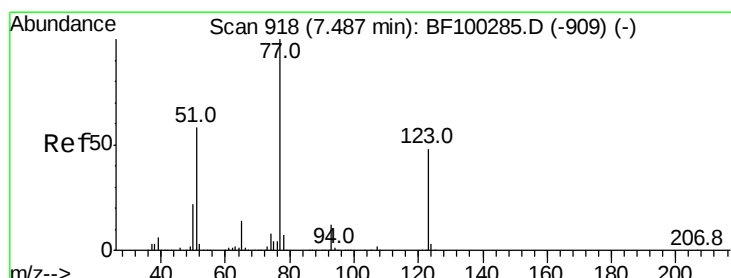
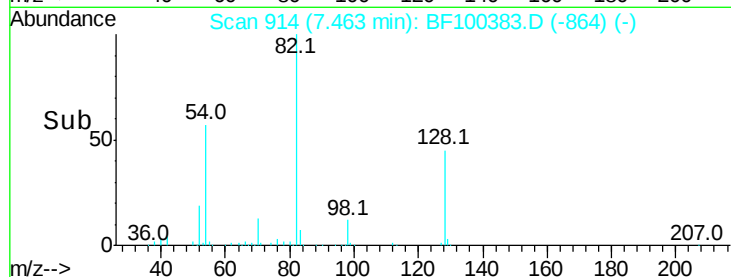
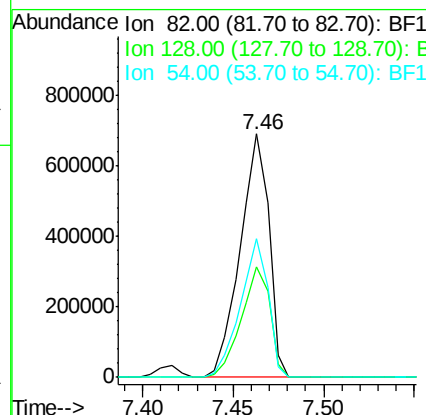
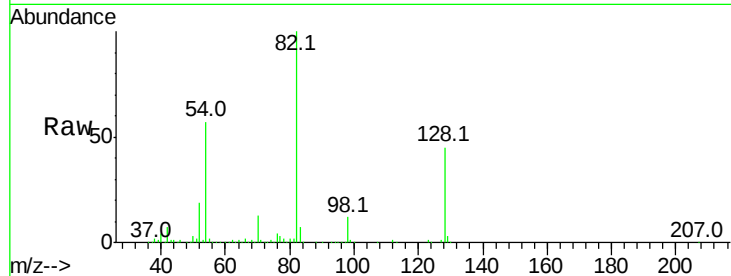
#23
 Nitrobenzene-d5
 Concen: 76.967 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	56.8	41.4	62.2

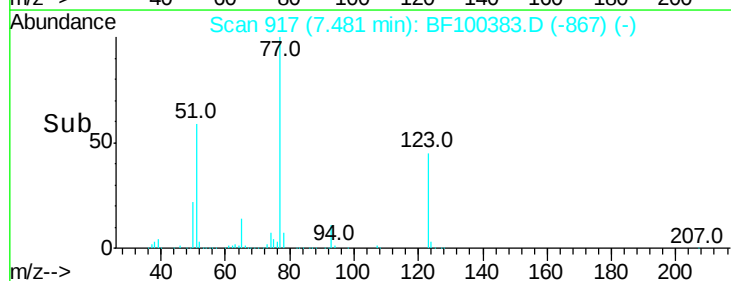
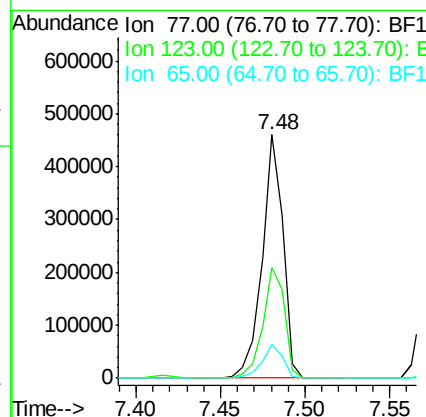
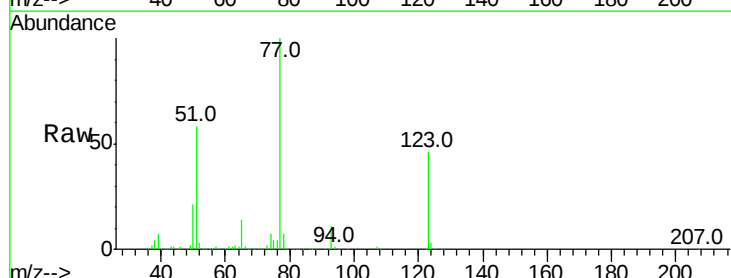
Manual Integrations
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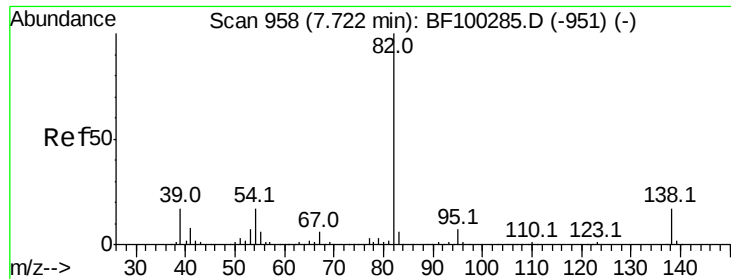
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#24
 Nitrobenzene
 Concen: 38.779 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 34.952 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

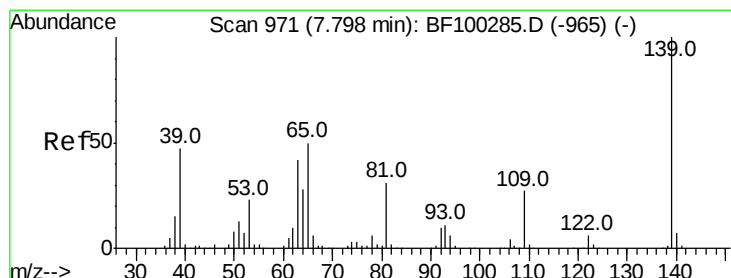
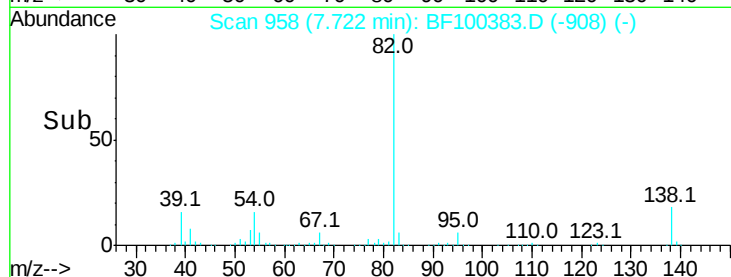
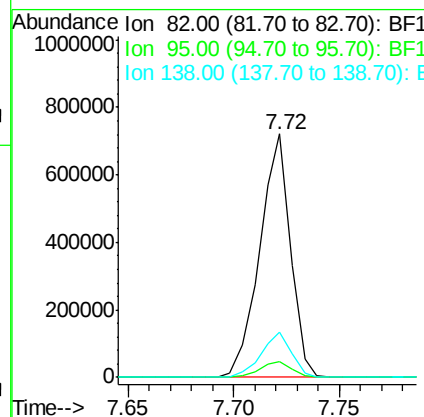
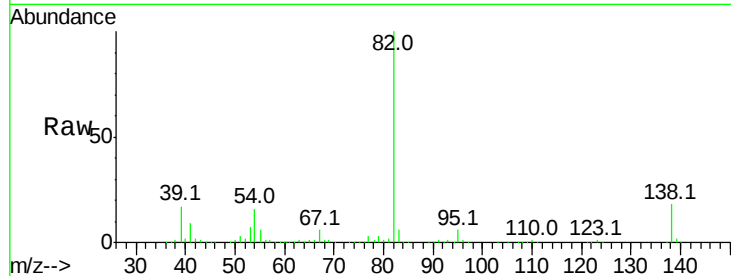
ClientSampleId :

PB104036BSD

Tot Ion:	82	Resp:	727992
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.774 ng

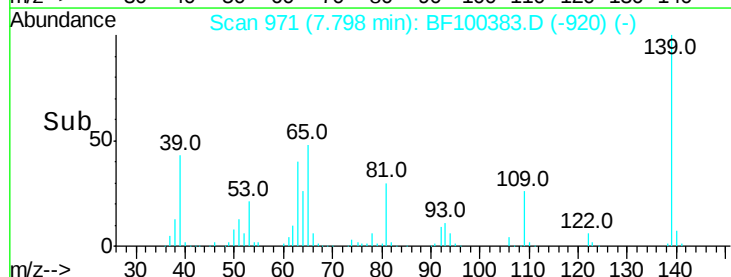
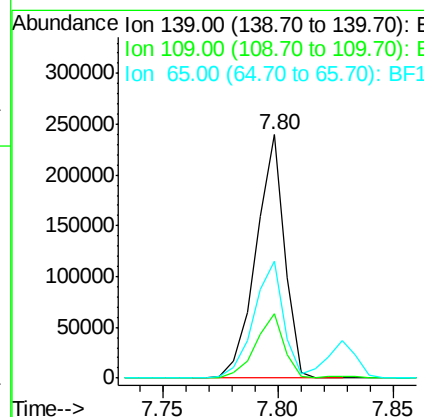
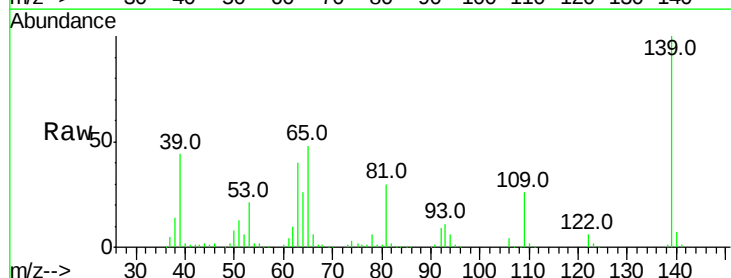
RT: 7.80 min Scan# 971

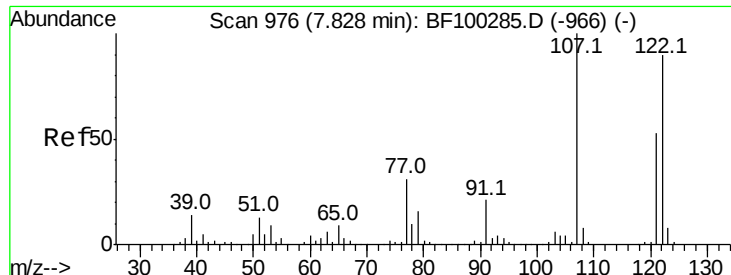
Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	139	Resp:	206820
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	47.9	40.5	60.7





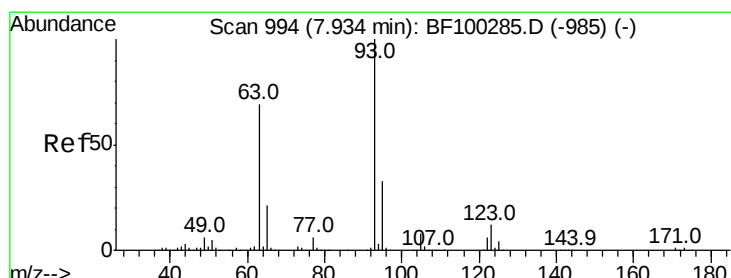
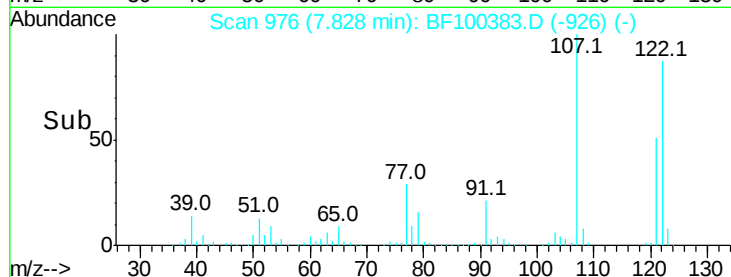
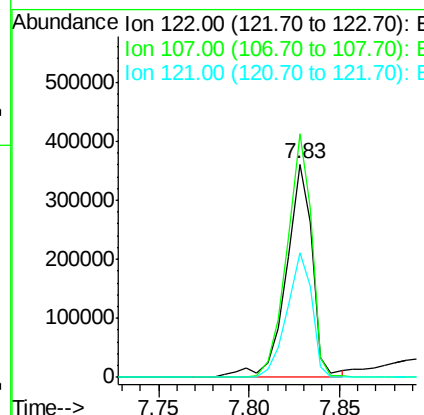
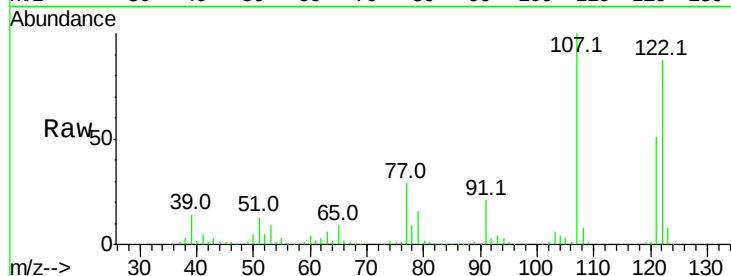
#27
2,4-Dimethylphenol
Concen: 38.826 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.2	136.8
121	58.3	47.2	70.8

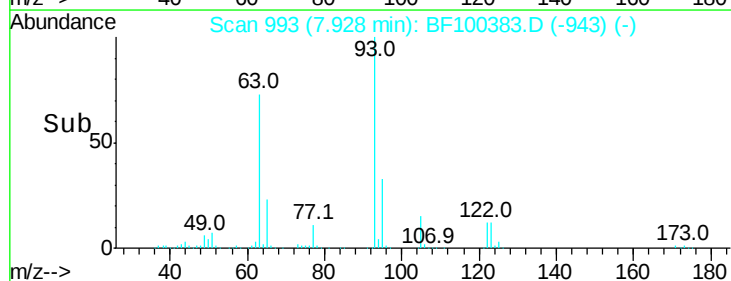
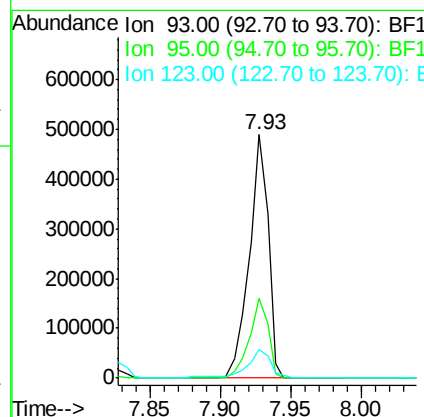
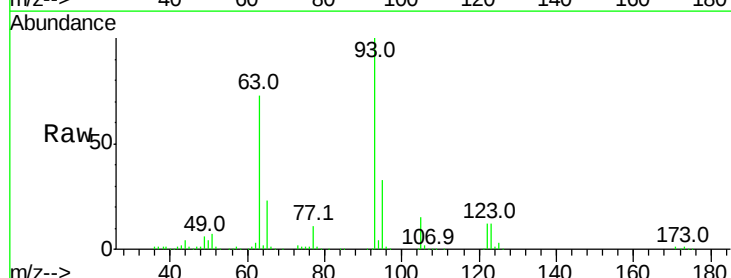
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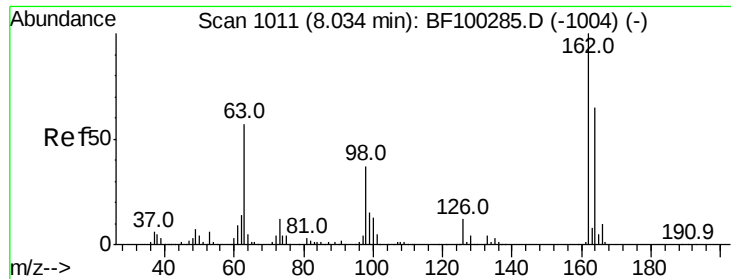
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 33.558 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 36.730 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

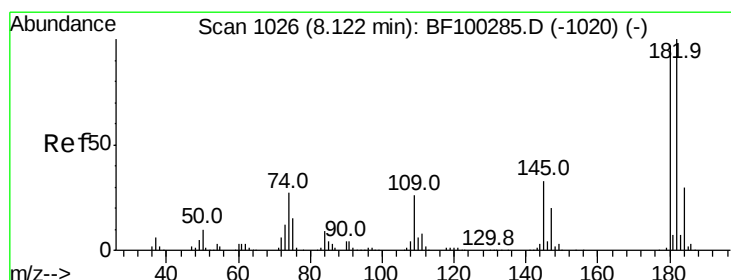
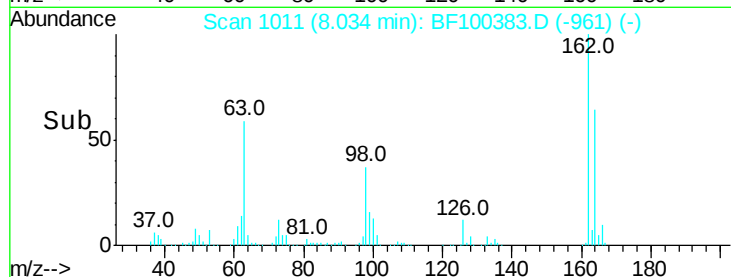
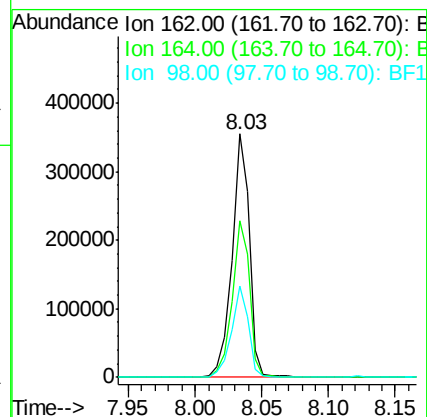
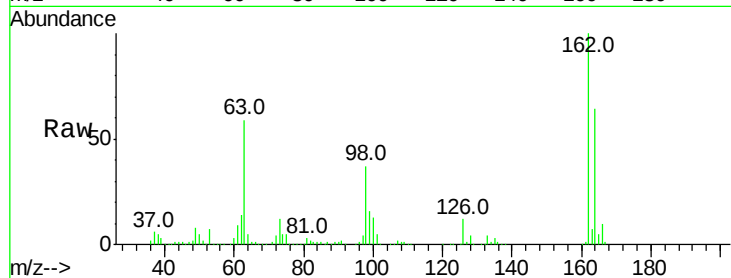
ClientSampleId :

PB104036BSD

Tot Ion:	162	Resp:	327394
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	37.5	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 33.697 ng

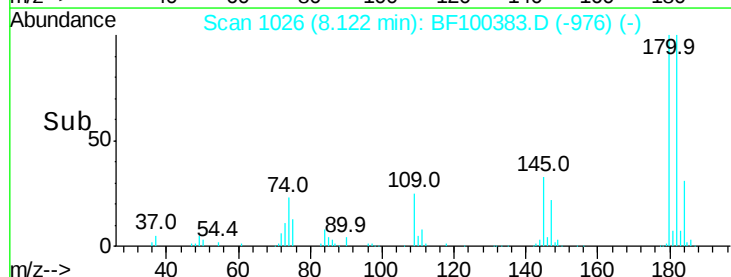
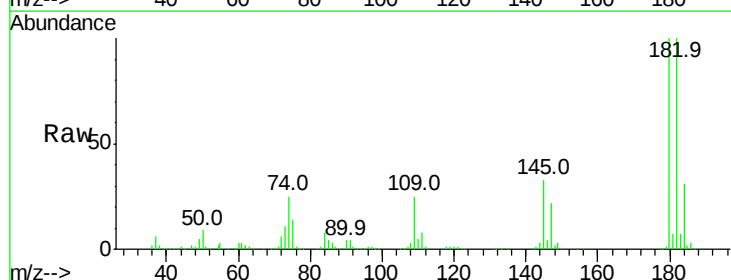
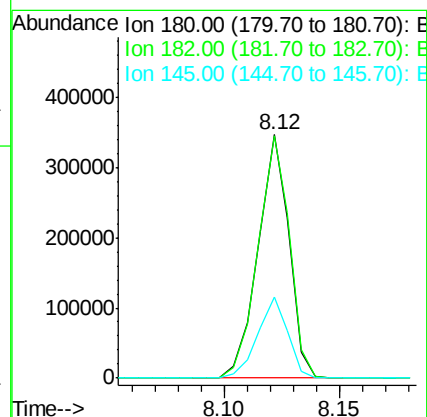
RT: 8.12 min Scan# 1026

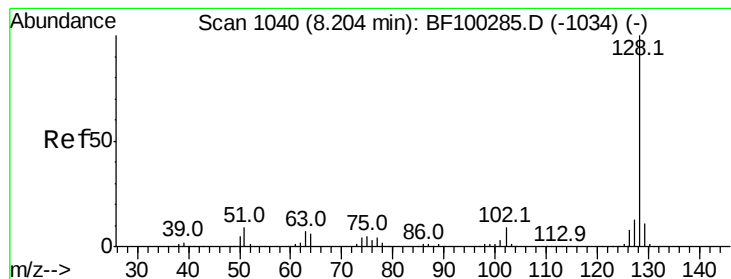
Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	180	Resp:	324900
Ion Ratio	Lower	Upper	
180	100		
182	99.5	76.8	115.2
145	33.4	26.5	39.7





#31

Naphthalene

Concen: 33.449 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

ClientSampleId :

PB104036BSD

Tot Ion:128 Resp: 1055725

Ion Ratio Lower Upper

128 100

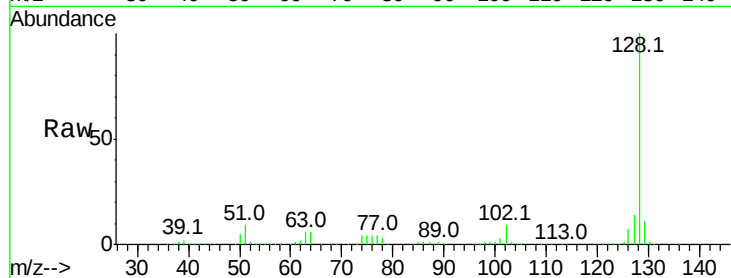
129 11.2 8.8 13.2

127 13.8 10.9 16.3

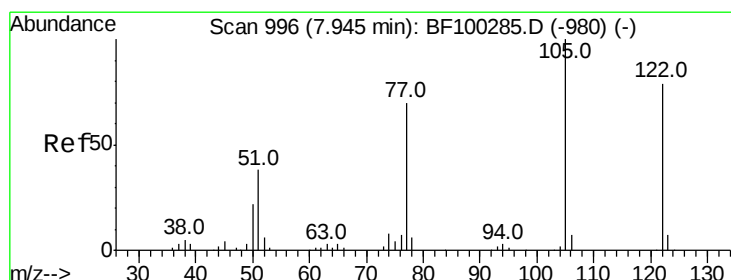
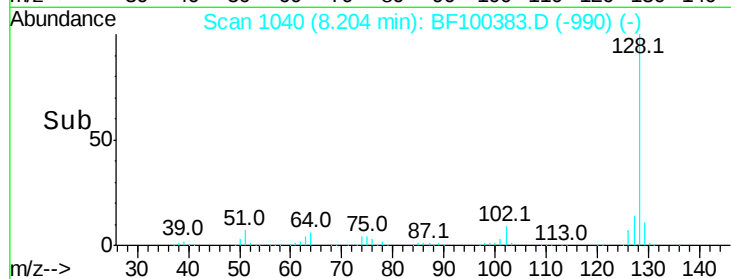
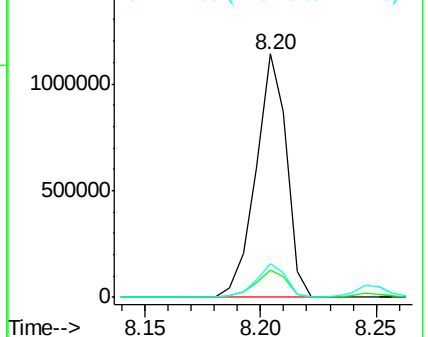
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.723 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

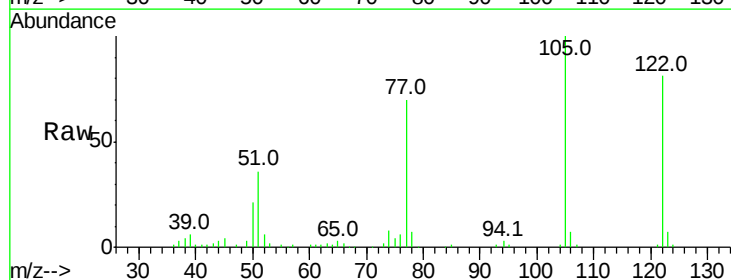
Tgt Ion:122 Resp: 251889

Ion Ratio Lower Upper

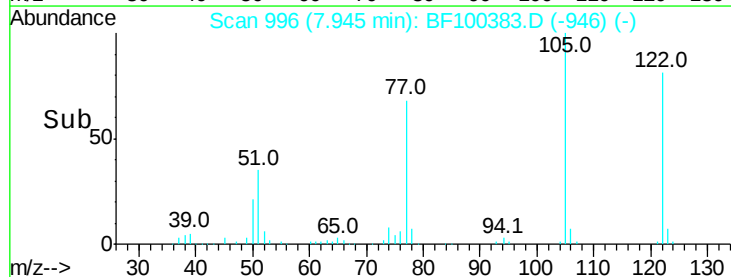
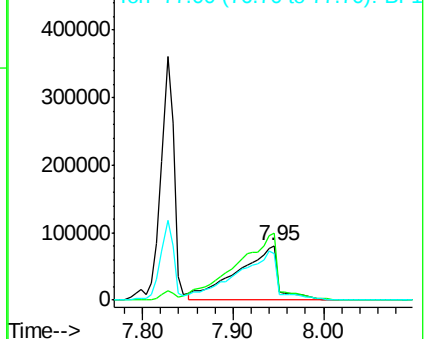
122 100

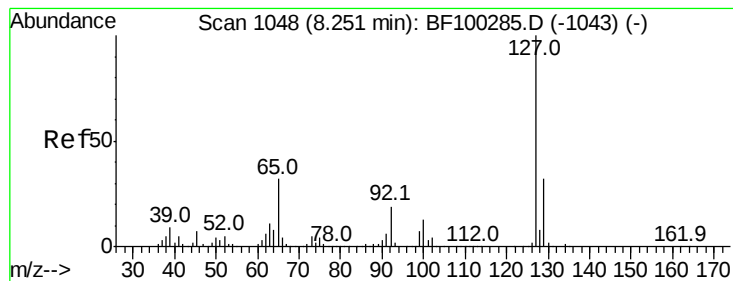
105 123.1 101.1 141.1

77 85.6 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





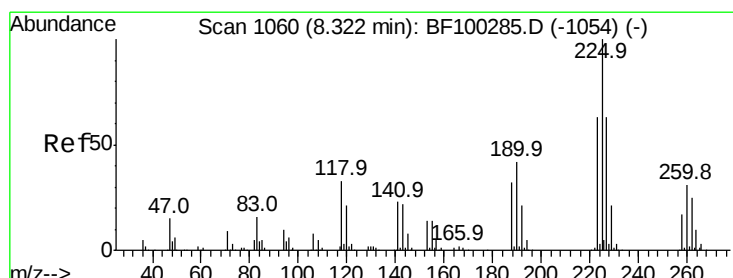
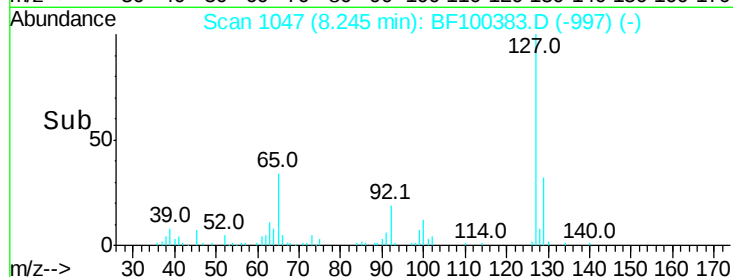
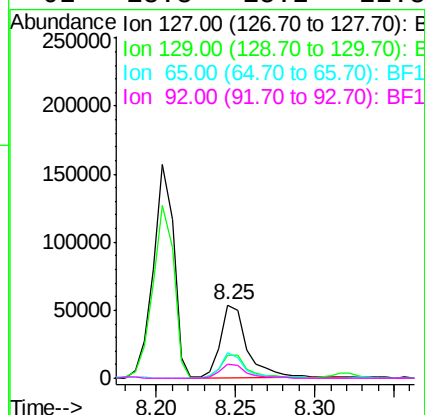
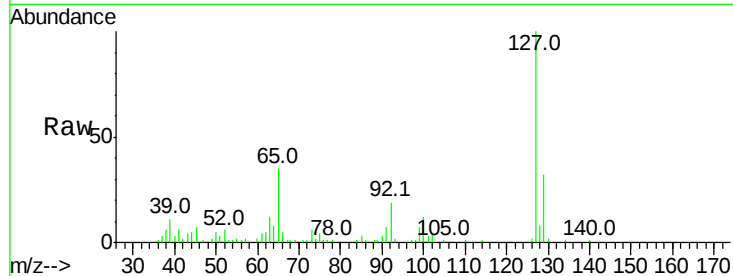
#33
4-Chloroaniline
Concen: 4.797 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion:	127	Resp:	63023
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.9	38.9
65	34.6	25.0	37.4
92	18.8	15.2	22.8

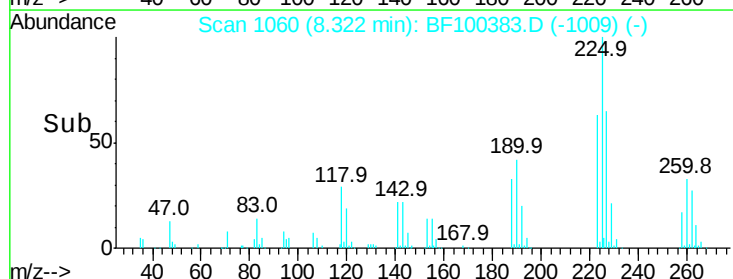
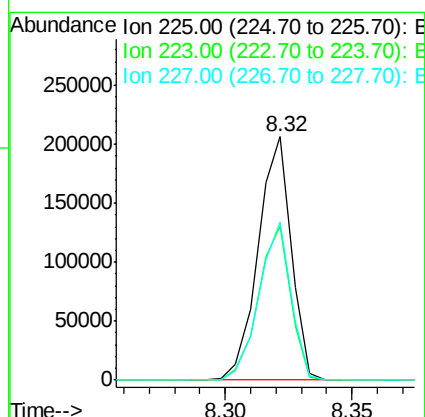
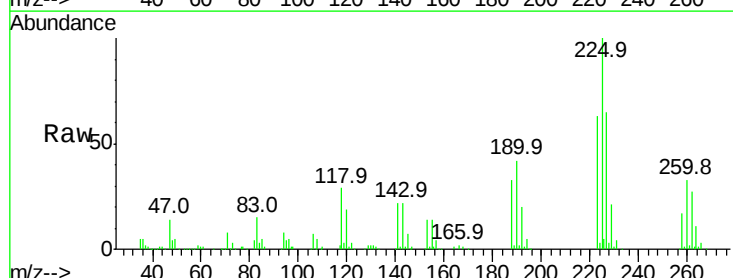
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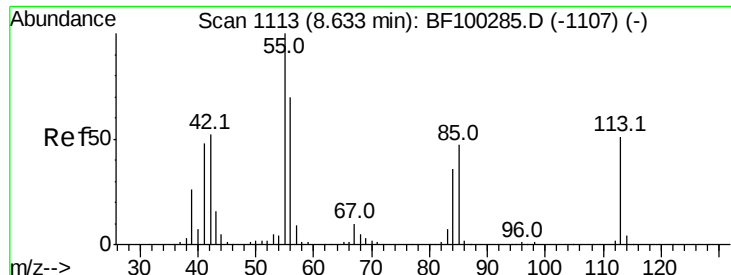
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#34
Hexachlorobutadiene
Concen: 32.772 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion:	225	Resp:	187874
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	65.0	51.9	77.9





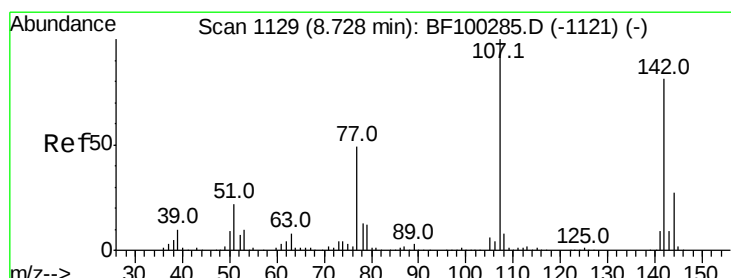
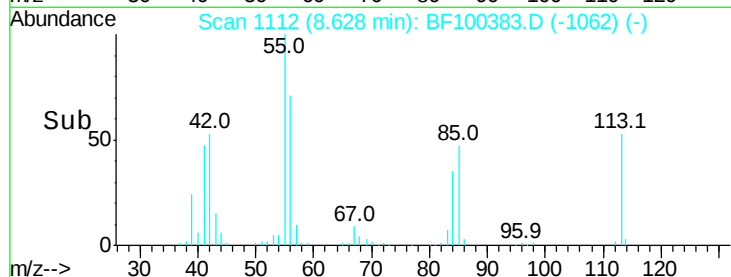
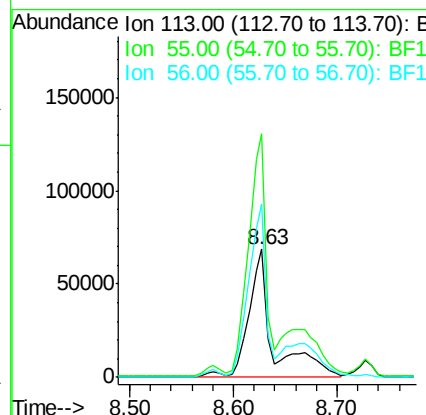
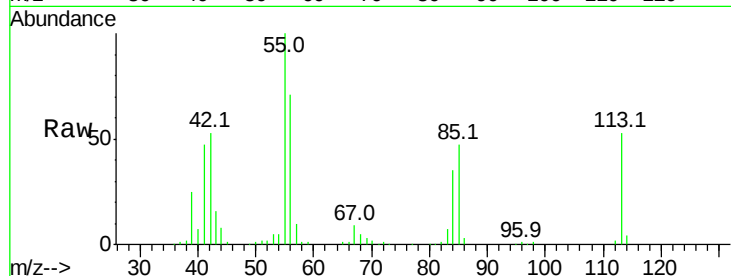
#35
Caprolactam
Concen: 36.744 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.2	163.3	203.3
56	135.6	115.7	155.7

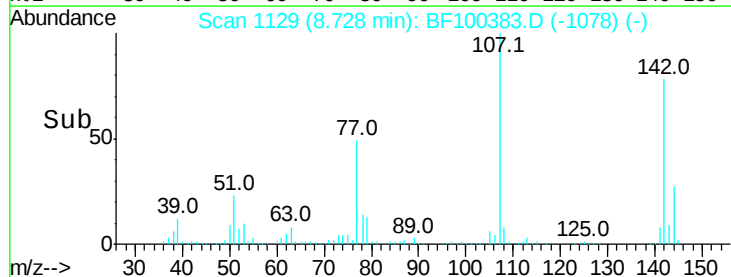
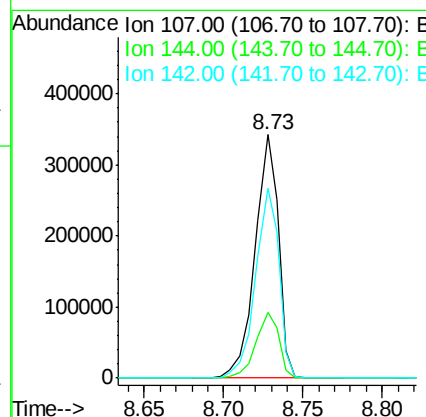
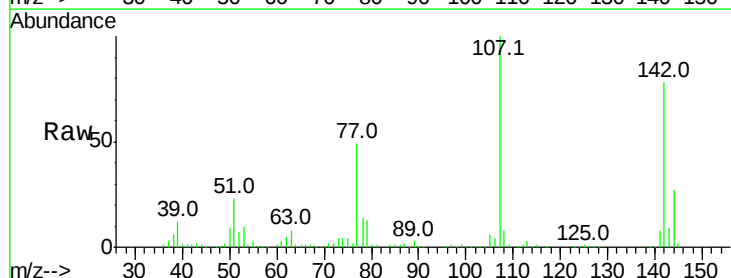
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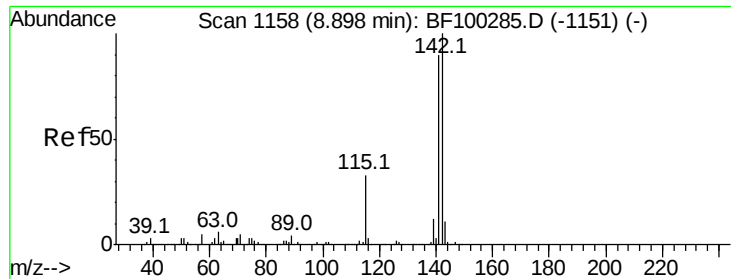
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#36
4-Chloro-3-methylphenol
Concen: 36.612 ng/ml
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.5	30.7
142	78.2	62.0	93.0





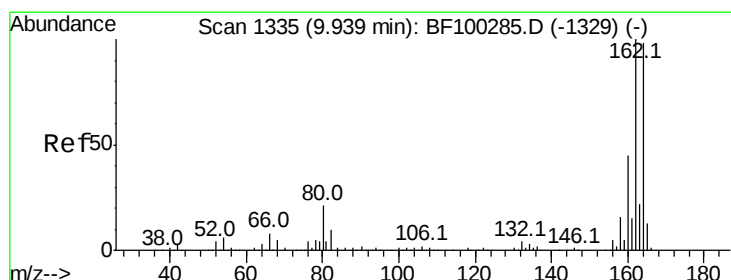
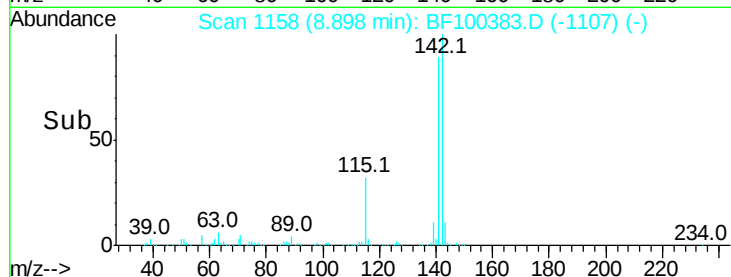
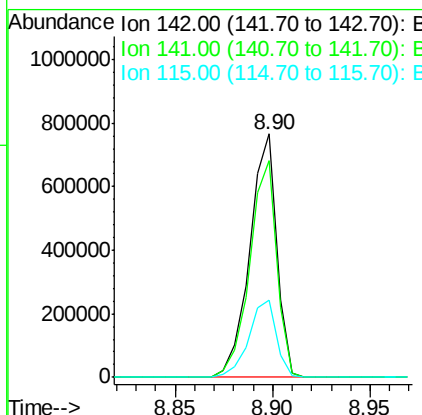
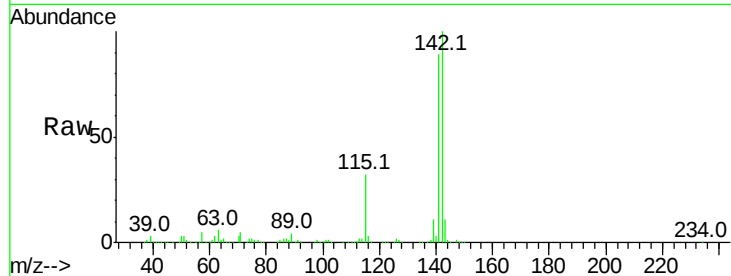
#37
2-Methylnaphthalene
Concen: 35.022 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	31.9	26.1	39.1

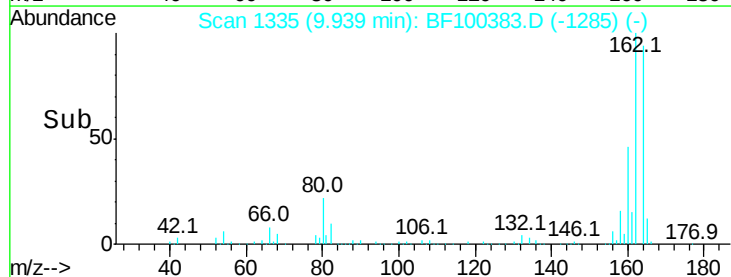
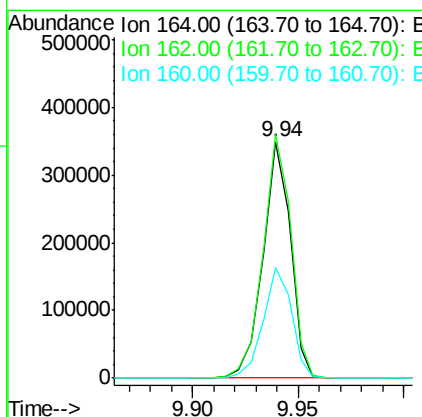
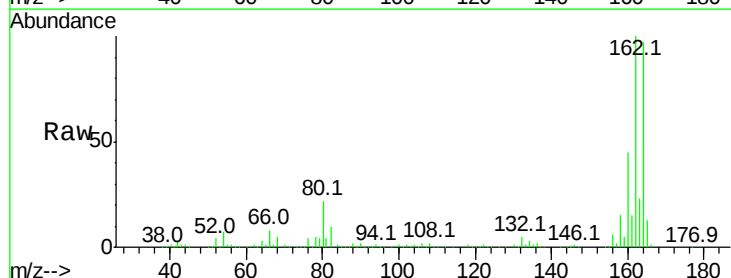
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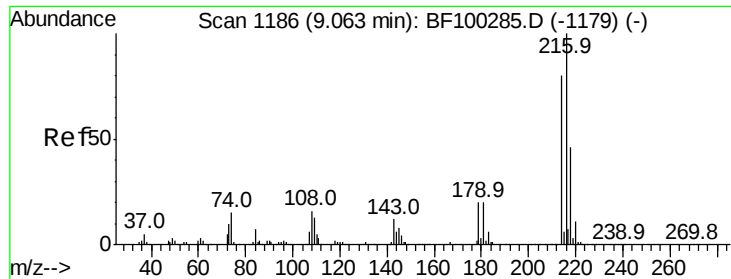
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.8	38.3	57.5





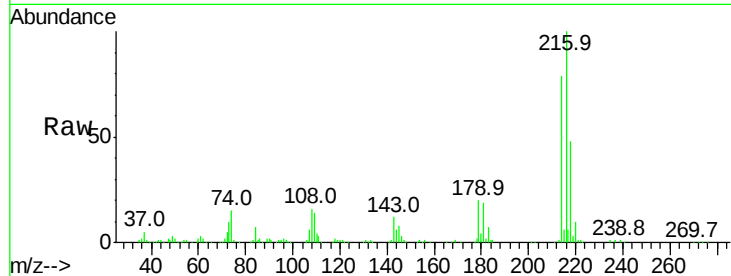
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.396 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

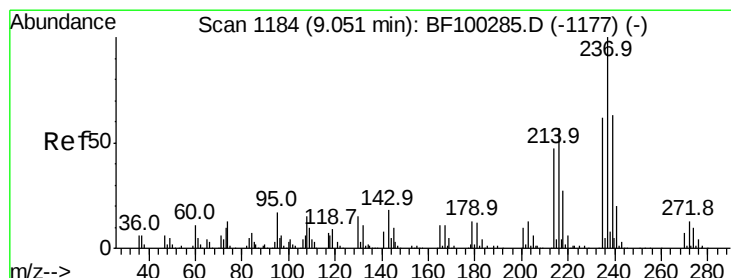
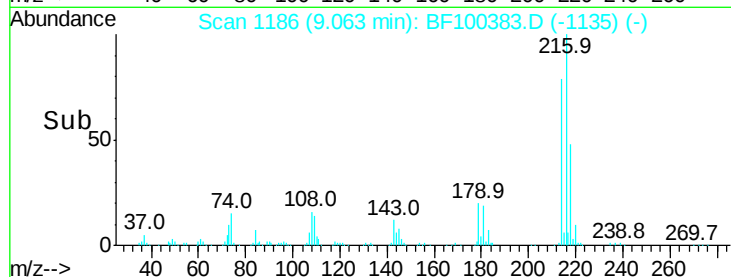
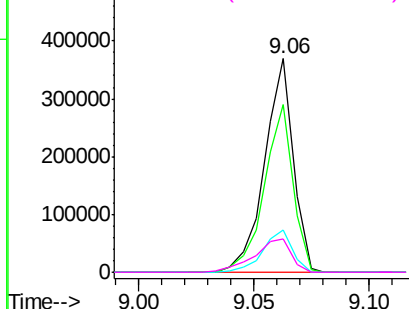
Tot Ion	Ratio	Resp	Lower	Upper
216	100	319280		
214	78.8	63.0	94.4	
179	20.4	18.1	27.1	
108	20.5	17.2	25.8	

Manual Integrations
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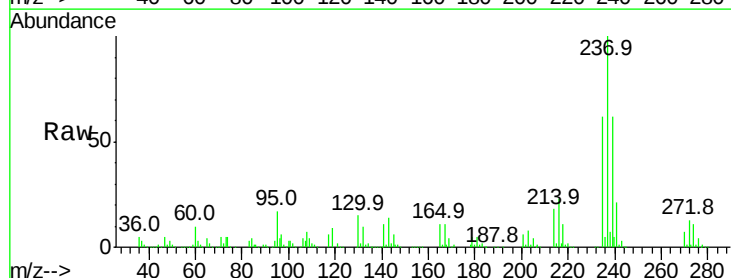


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

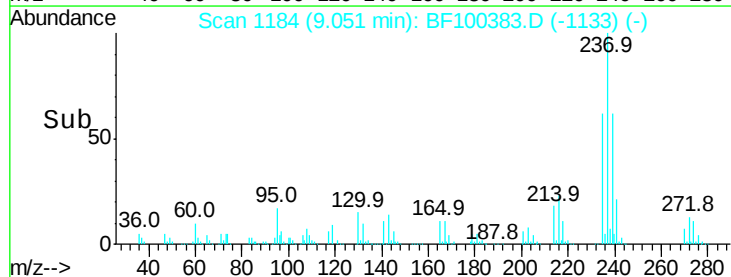
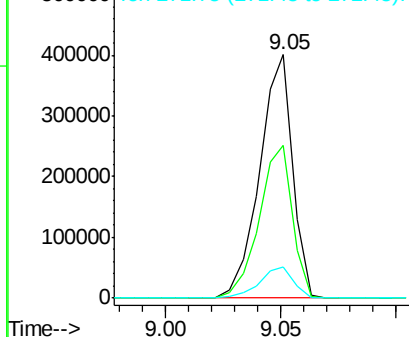


#40
 Hexachlorocyclopentadiene
 Concen: 80.261 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	396782		
235	62.5	44.8	84.8	
272	13.0	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





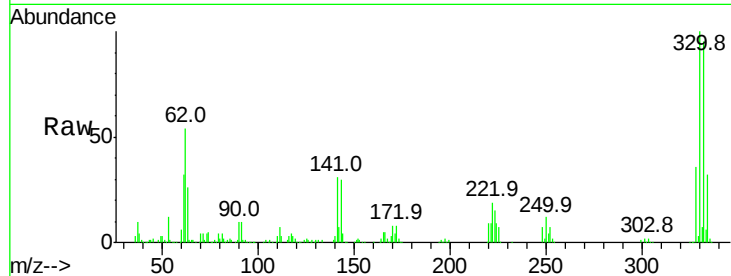
#41
 2,4,6-Tribromophenol
 Concen: 75.551 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

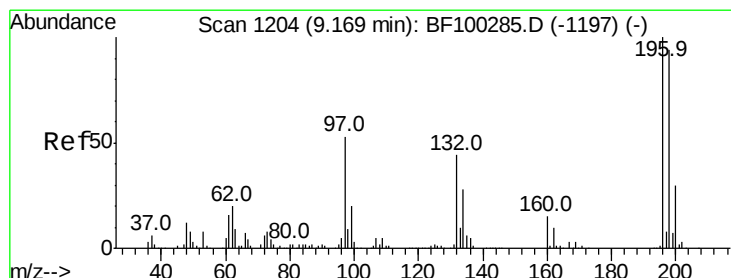
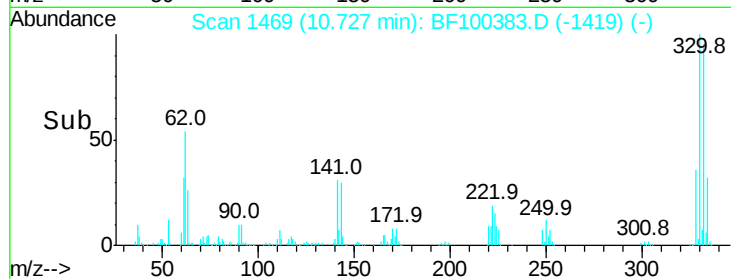
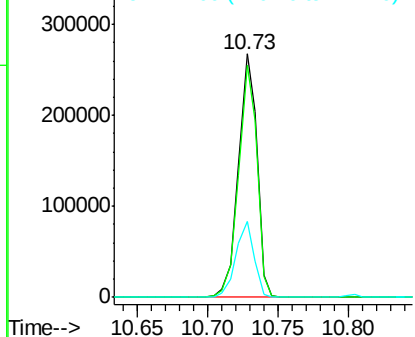
Tot Ion	Ratio	Resp	Lower	Upper
330	100	243829		
332	94.8	77.0	115.6	
141	31.0	29.9	44.9	

Manual Integrations
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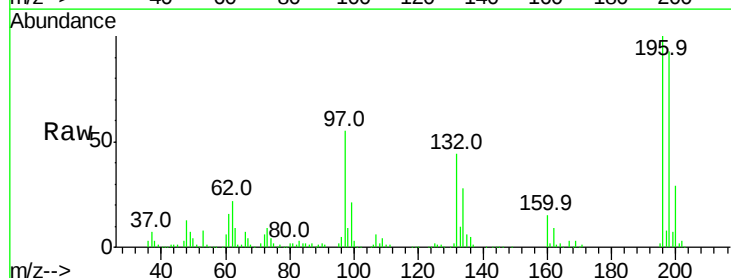


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

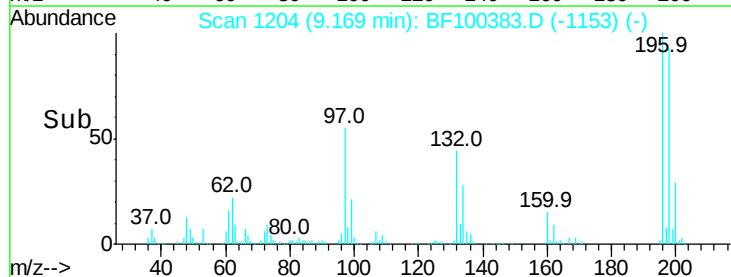
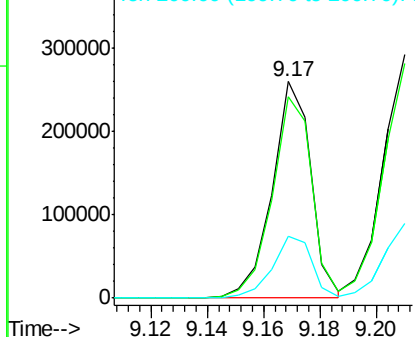


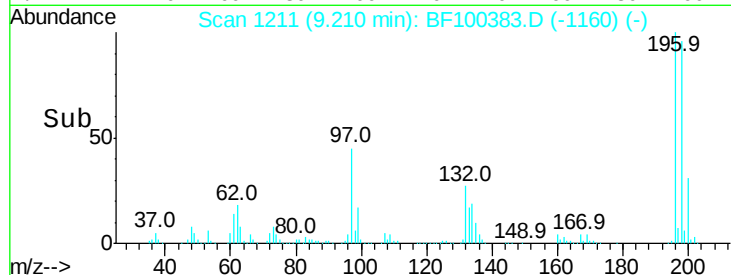
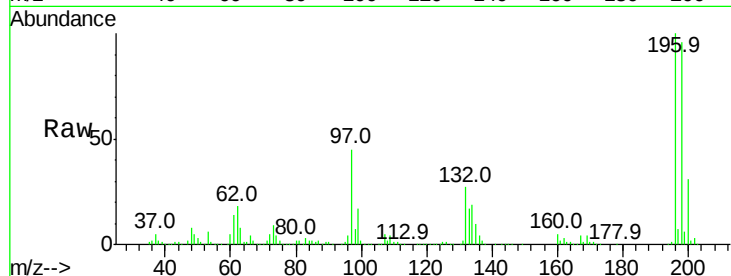
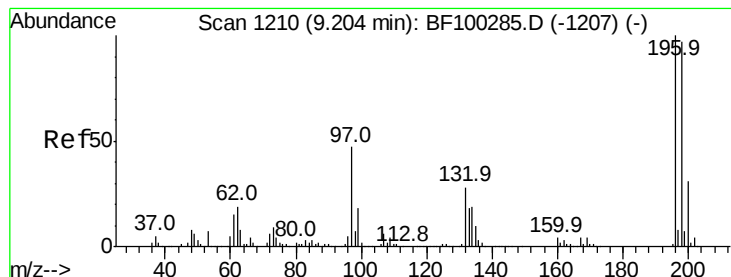
#42
 2,4,6-Trichlorophenol
 Concen: 37.118 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247102		
198	93.2	75.7	113.5	
200	28.7	24.5	36.7	



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





#43

2,4,5-Trichlorophenol

Concen: 37.197 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256563		
198	96.1	74.6	112.0	
97	45.3	42.9	64.3	
132	26.8	26.3	39.5	

Instrument :

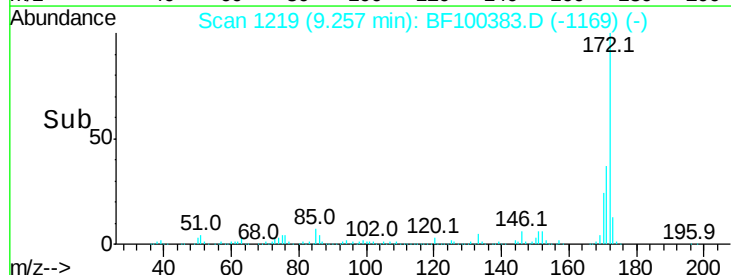
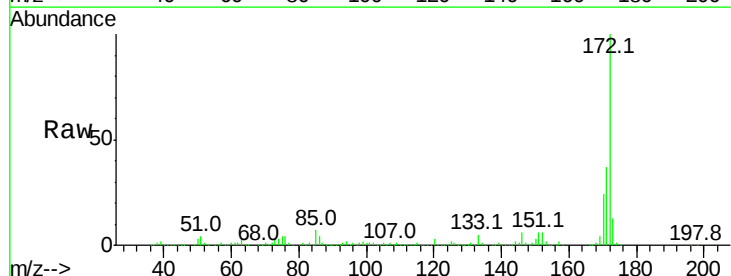
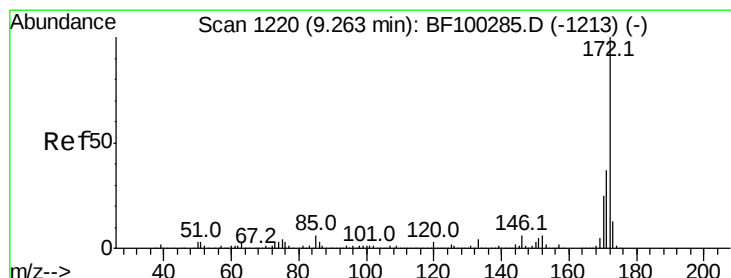
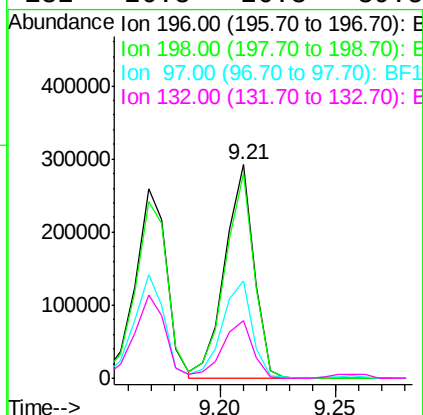
BNA_F

ClientSampleId :

PB104036BSD

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#44

2-Fluorobiphenyl

Concen: 69.041 ng

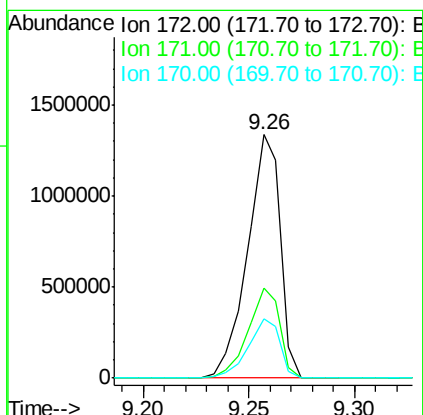
RT: 9.26 min Scan# 1219

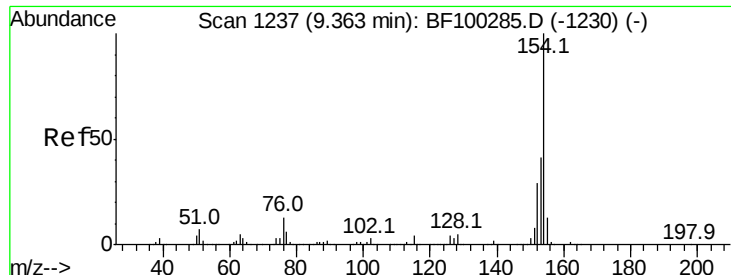
Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1436013		
171	36.8	29.7	44.5	
170	24.2	19.6	29.4	





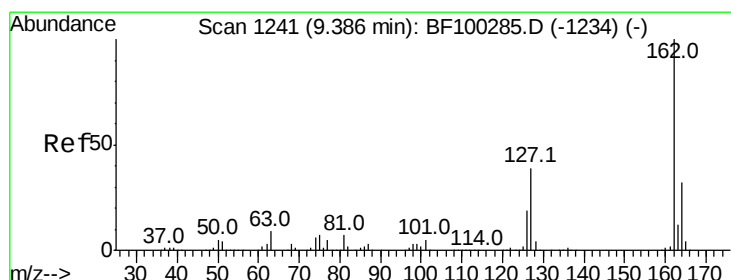
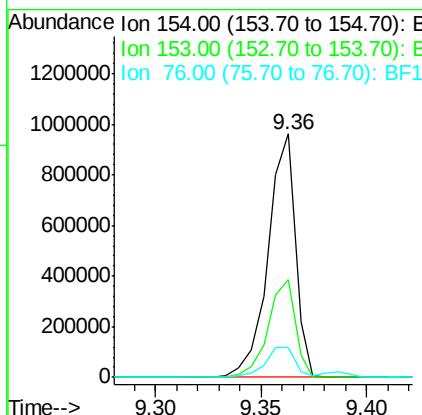
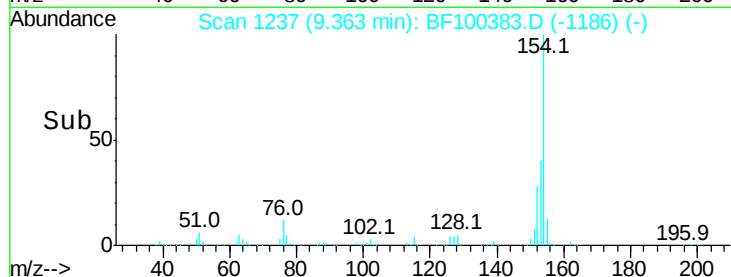
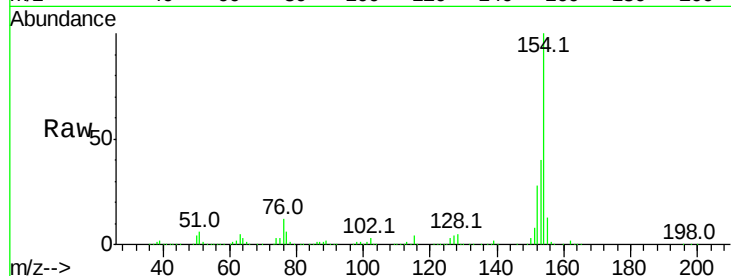
#45
 1,1'-Biphenyl
 Concen: 31.768 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	12.2	0.0	34.0	

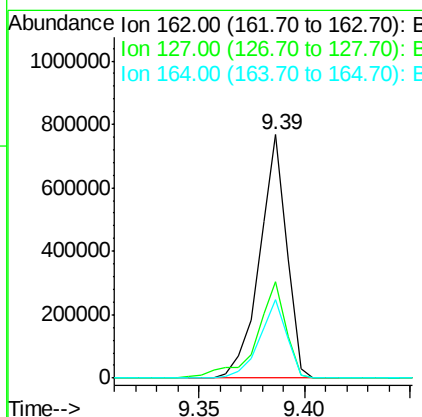
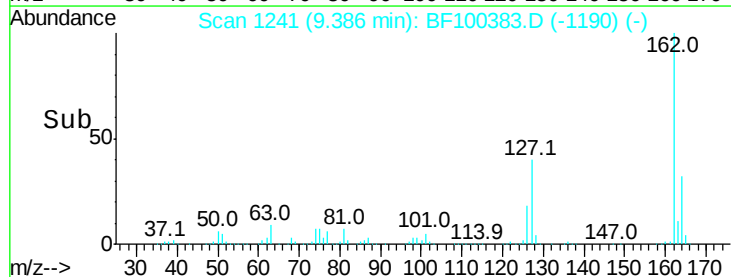
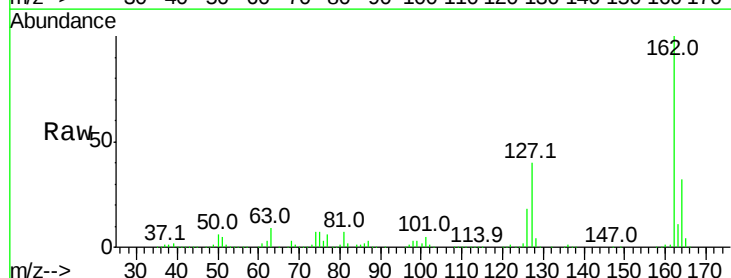
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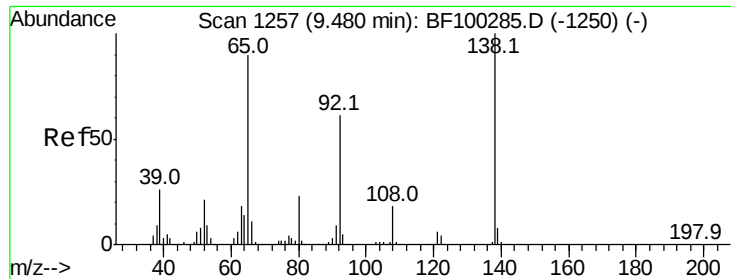
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 11/13/2017 4:43:09 PM



#46
 2-Chloronaphthalene
 Concen: 34.235 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	33.9	50.9	
164	32.5	26.5	39.7	





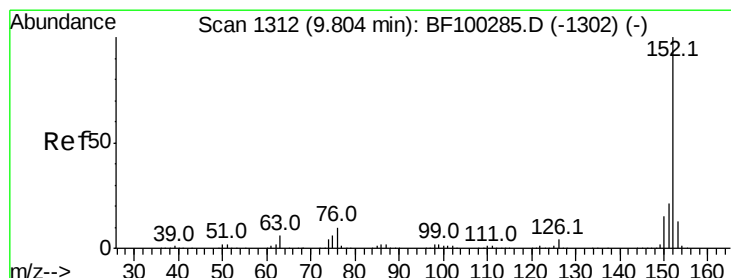
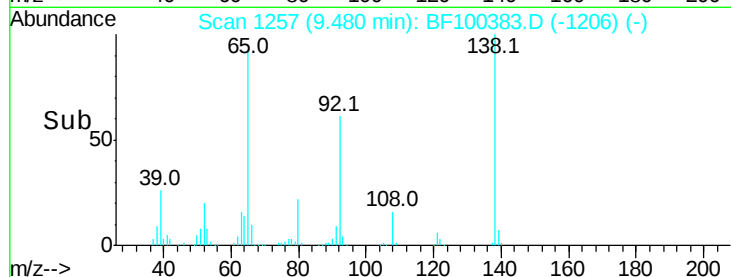
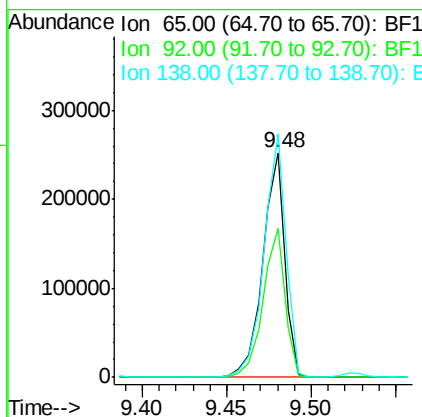
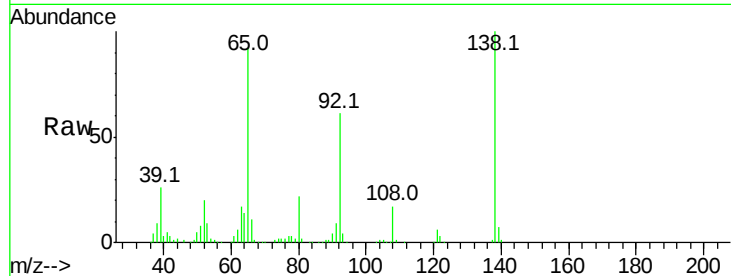
#47
2-Nitroaniline
Concen: 39.289 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	55.8	83.6
138	108.4	91.2	136.8

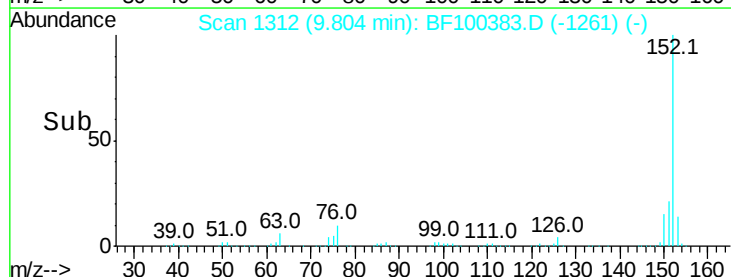
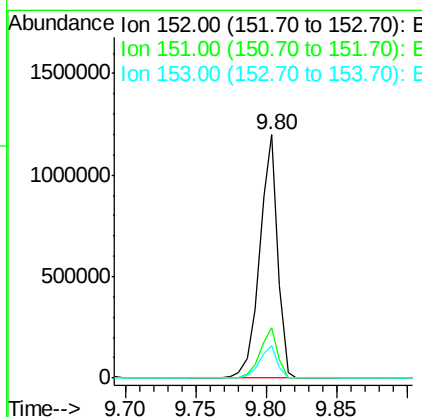
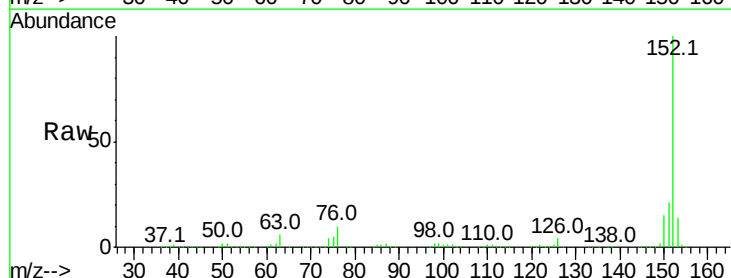
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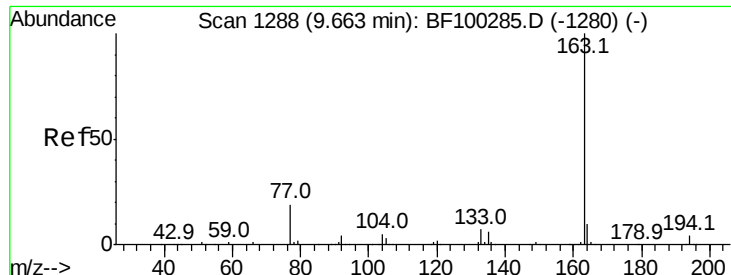
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#48
Acenaphthylene
Concen: 32.728 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1





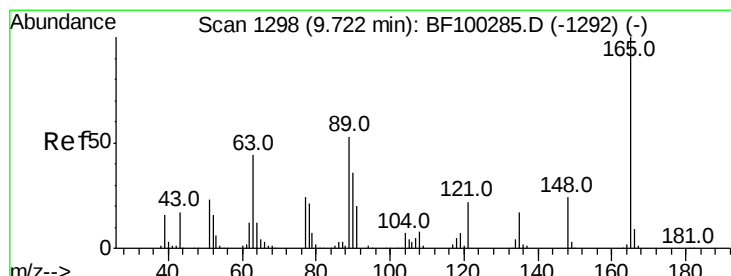
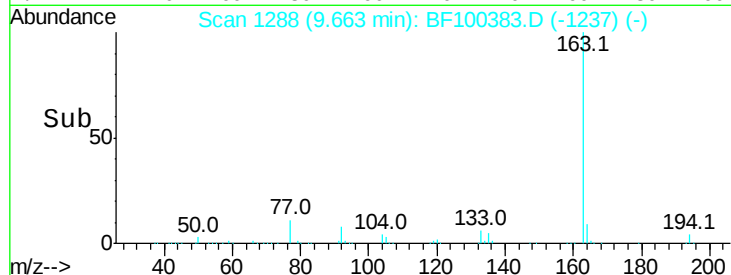
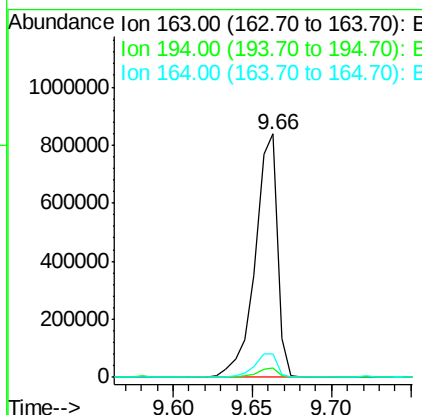
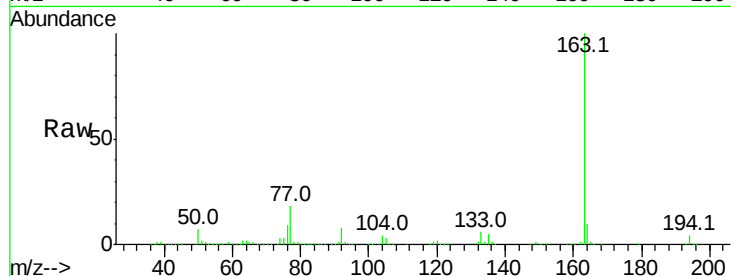
#49
Dimethylphthalate
Concen: 33.899 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	9.8	8.2	12.2	

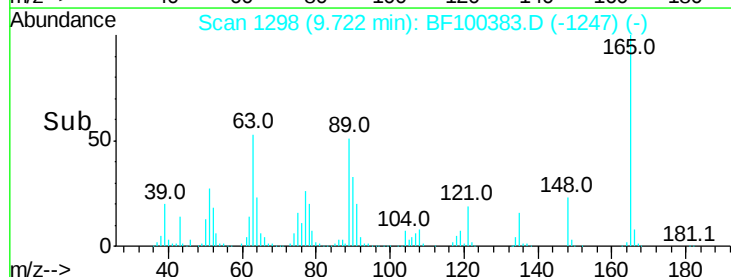
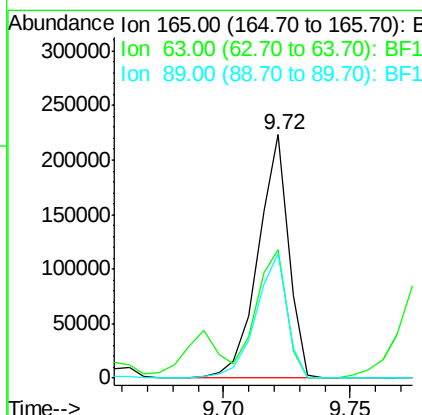
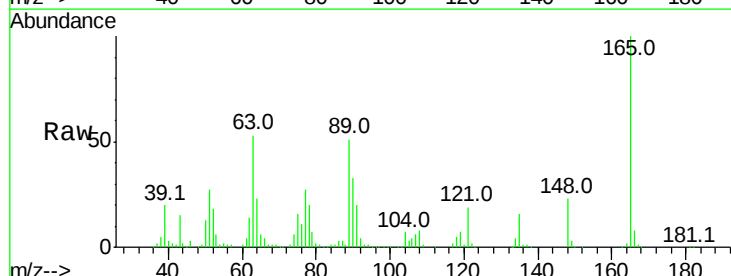
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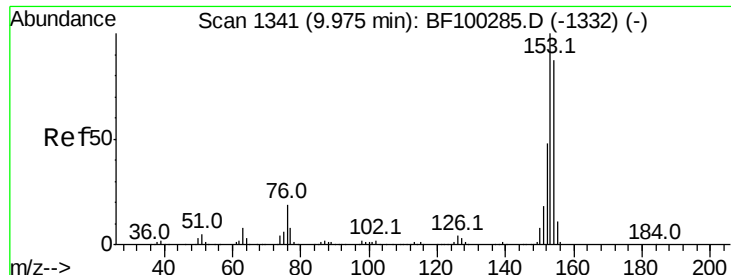
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#50
2,6-Dinitrotoluene
Concen: 39.298 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.6	44.7	67.1	
89	51.1	44.0	66.0	





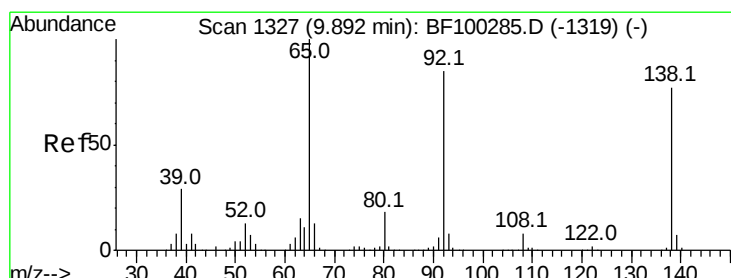
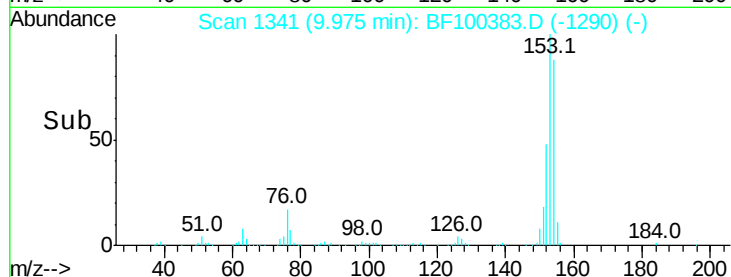
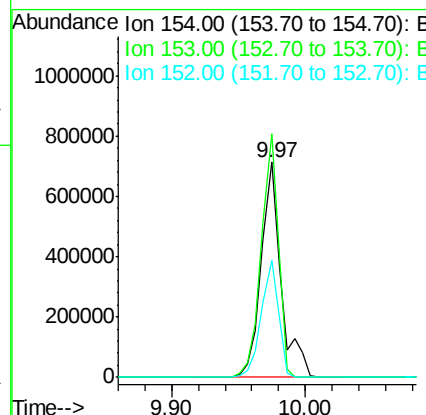
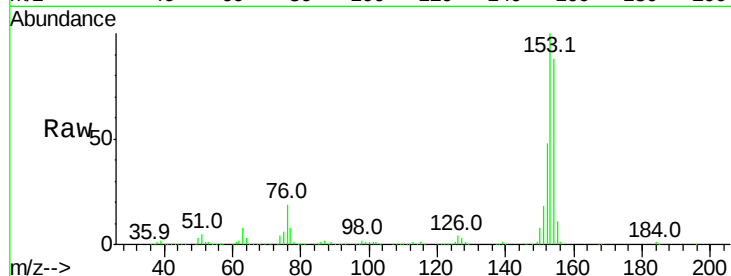
#51
Acenaphthene
Concen: 36.322 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.7	43.8	65.8

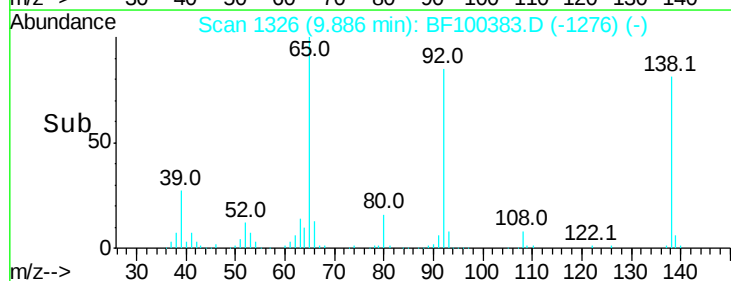
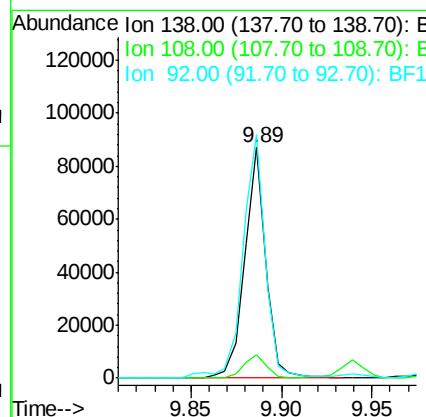
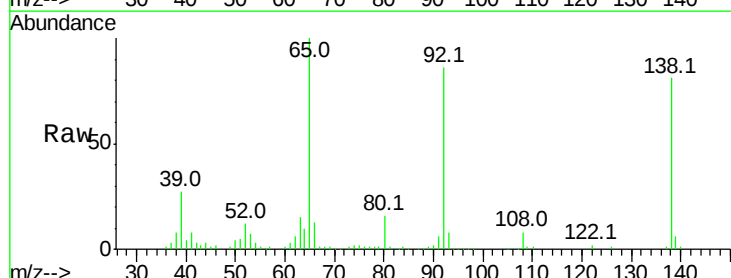
Manual Integrations
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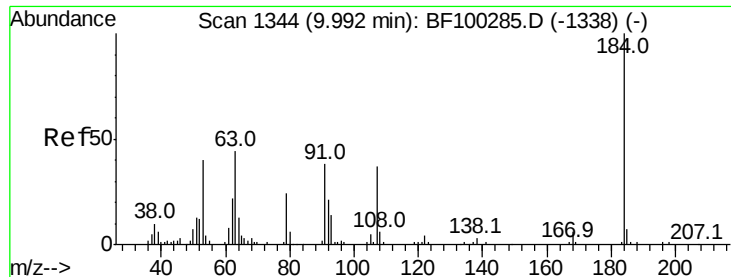
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#52
3-Nitroaniline
Concen: 12.403 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	105.7	89.4	134.2





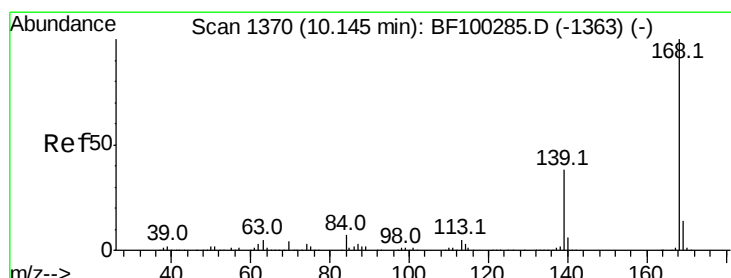
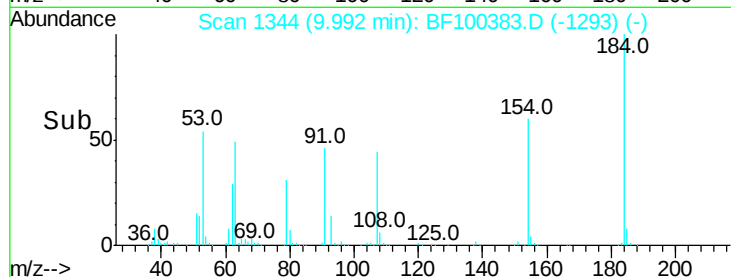
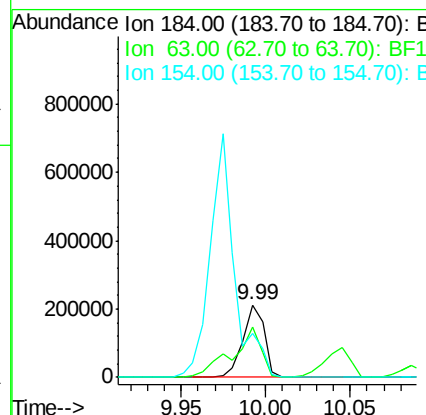
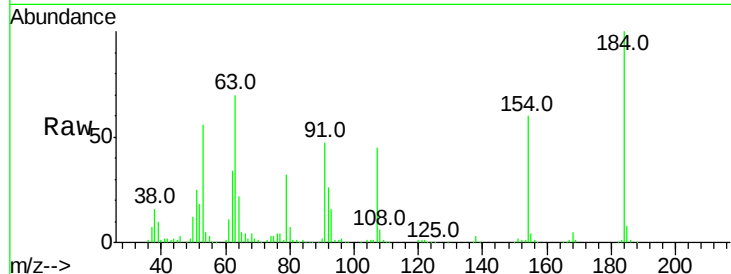
#53
2,4-Dinitrophenol
Concen: 86.541 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	188876		
63	69.9	54.2	81.2	
154	60.3	184.0	276.0#	

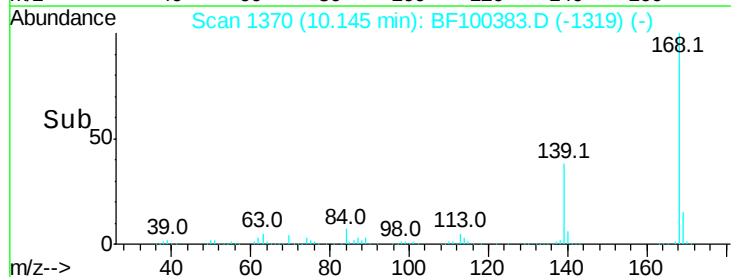
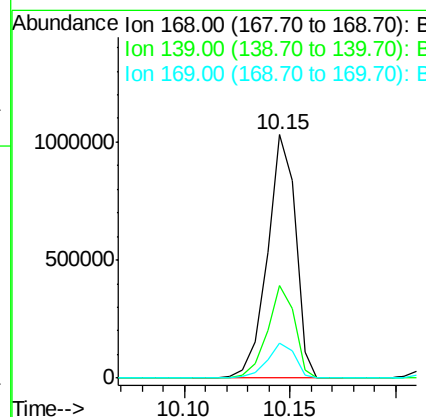
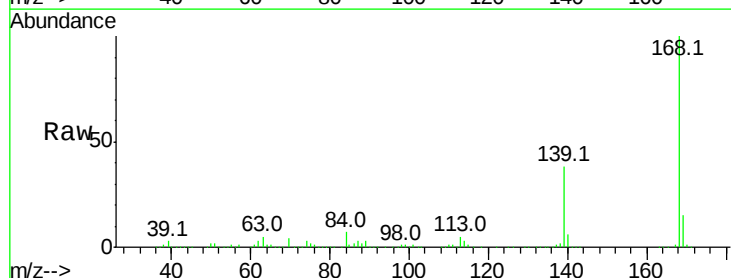
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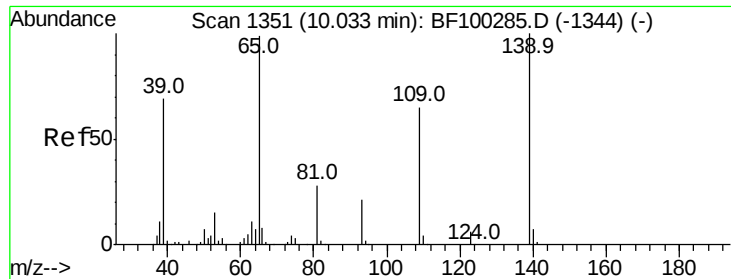
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#54
Dibenzofuran
Concen: 34.164 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	959078		
139	38.0	30.1	45.1	
169	14.6	10.9	16.3	





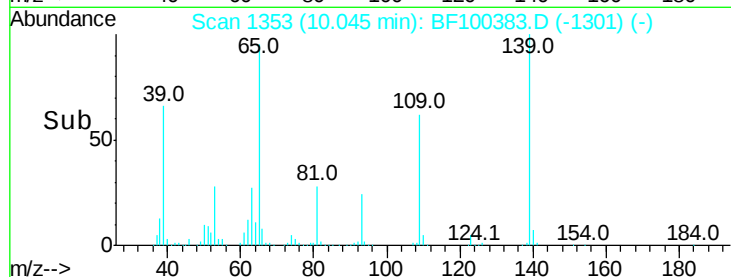
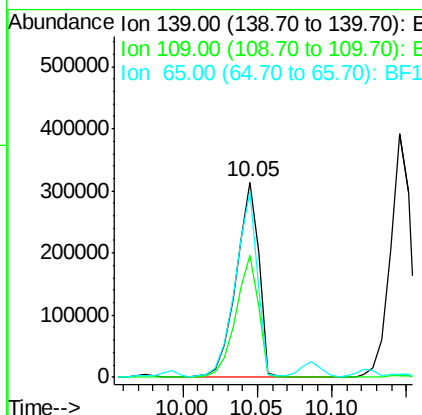
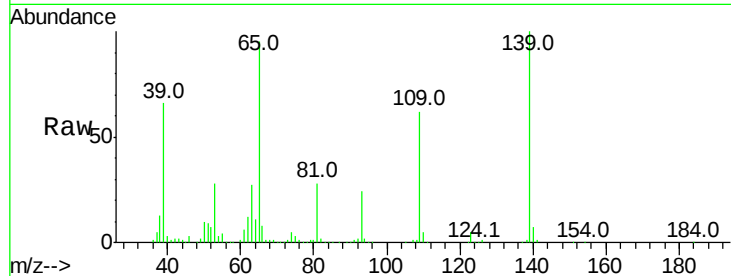
#55
4-Nitrophenol
Concen: 72.507 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	332778		
109	62.3	48.4	88.4	
65	95.4	72.6	112.6	

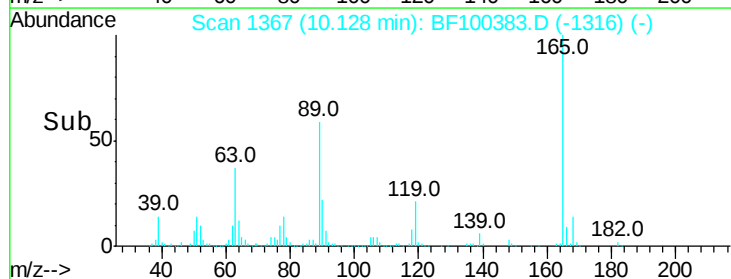
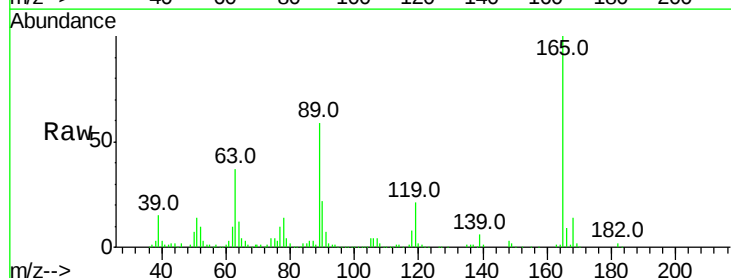
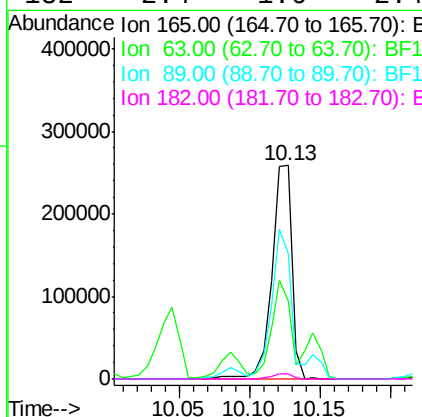
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 42.596 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	257216		
63	36.8	36.4	54.6	
89	58.8	57.8	86.6	
182	2.4	1.6	2.4	





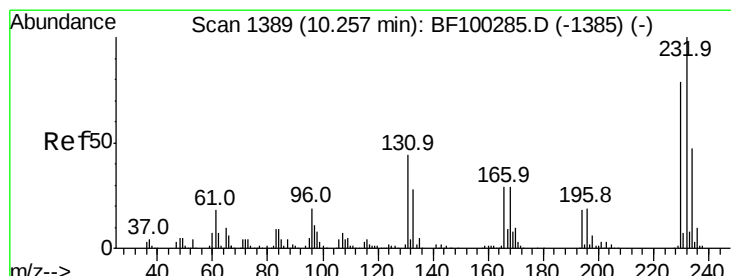
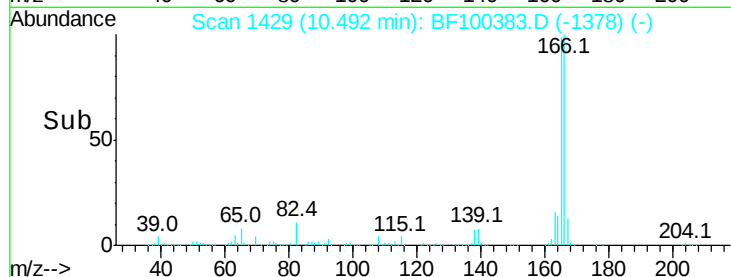
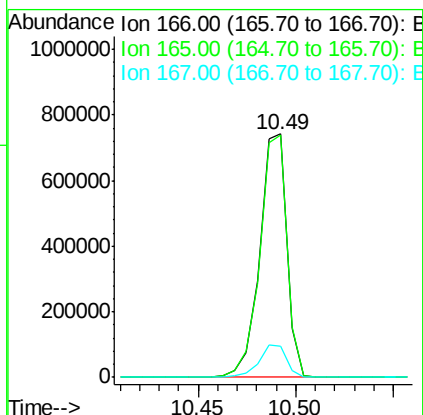
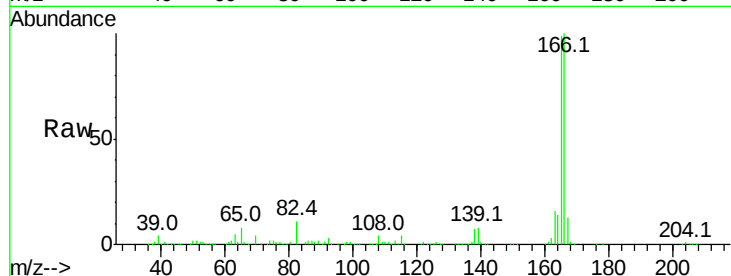
#57
Fluorene
 Concen: 34.730 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	714213		
165	99.3	79.8	119.8	
167	12.9	10.6	16.0	

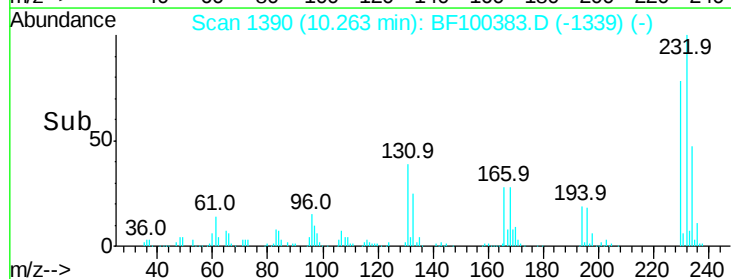
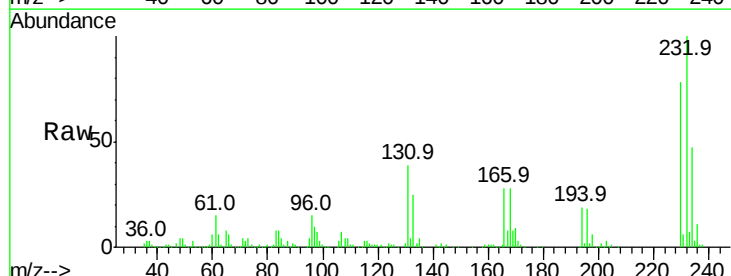
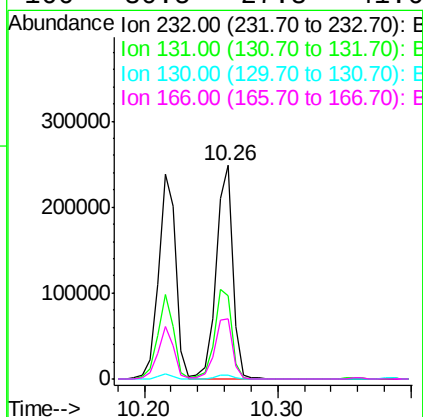
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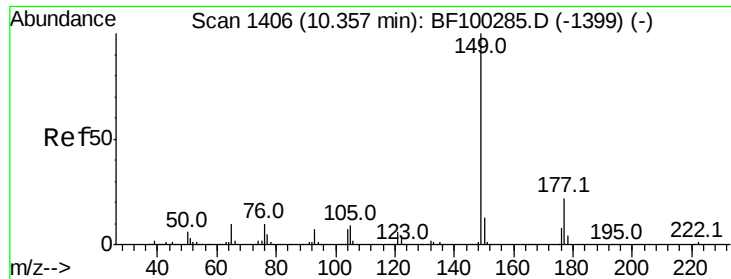
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.545 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	217891		
131	43.7	43.8	65.8#	
130	2.0	2.1	3.1#	
166	30.5	27.8	41.6	





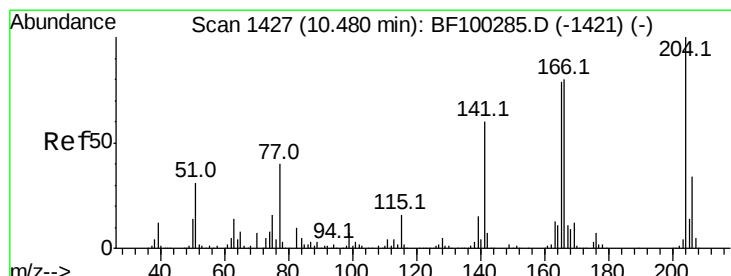
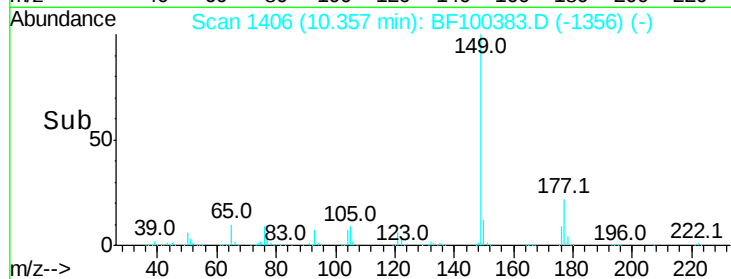
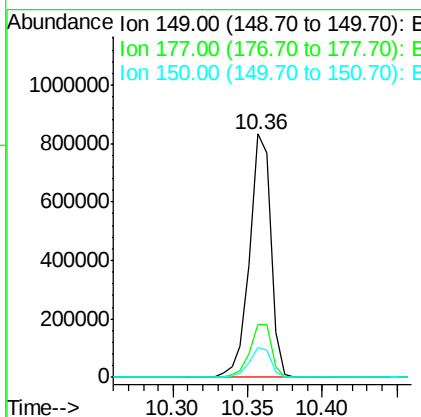
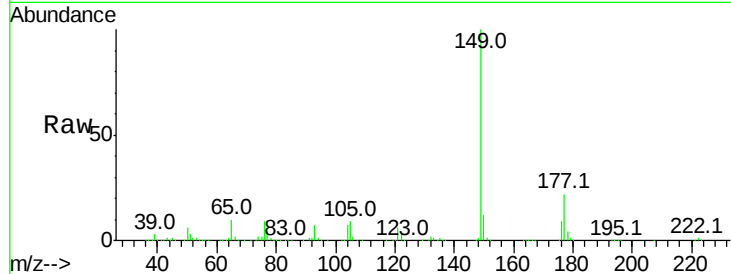
#59
Diethylphthalate
Concen: 33.642 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	814111		
177	21.7	16.1	24.1	
150	12.3	10.1	15.1	

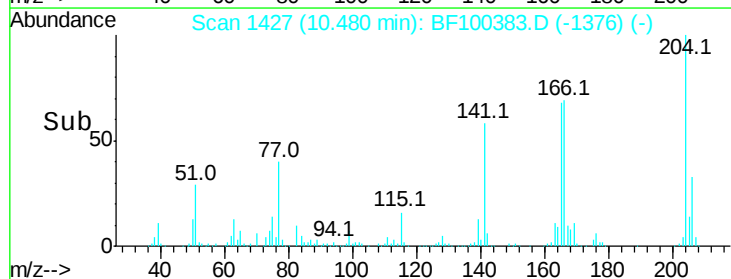
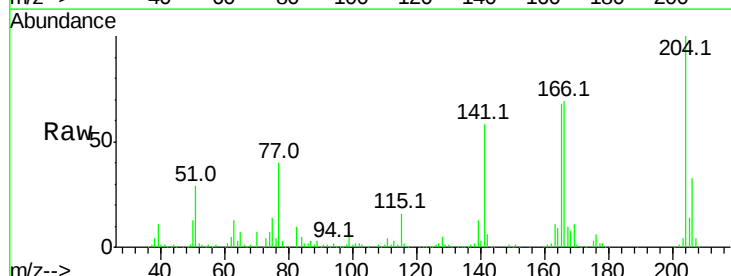
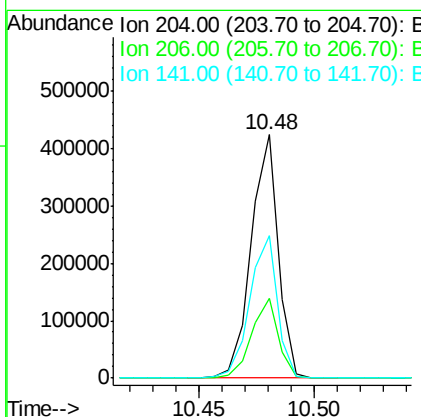
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 34.461 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	347654		
206	33.0	26.5	39.7	
141	58.5	54.6	81.8	





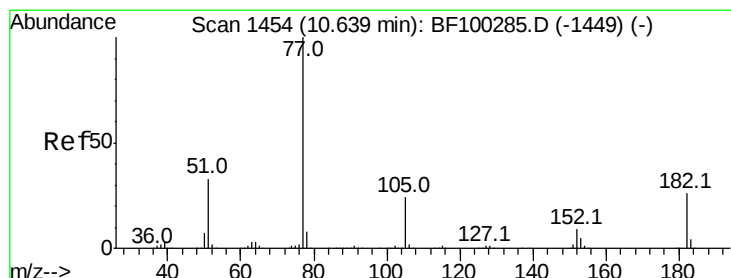
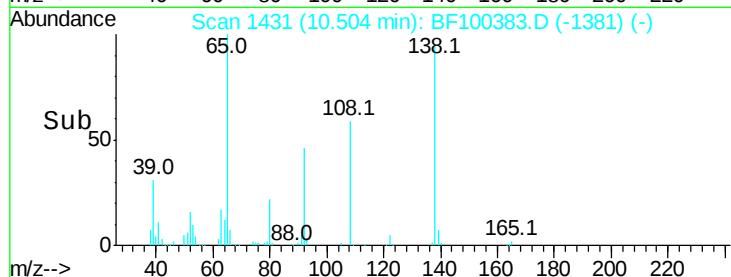
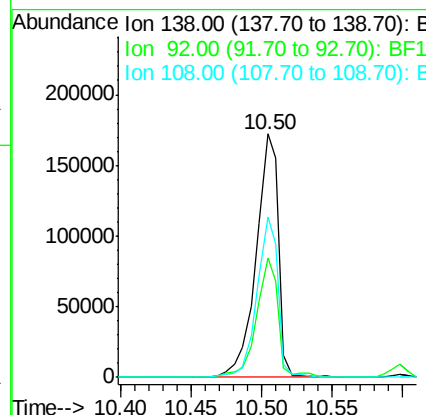
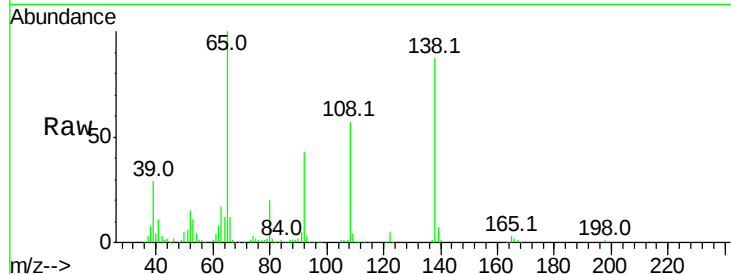
#61
4-Nitroaniline
Concen: 35.839 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.2	70.2
108	65.9	52.5	92.5

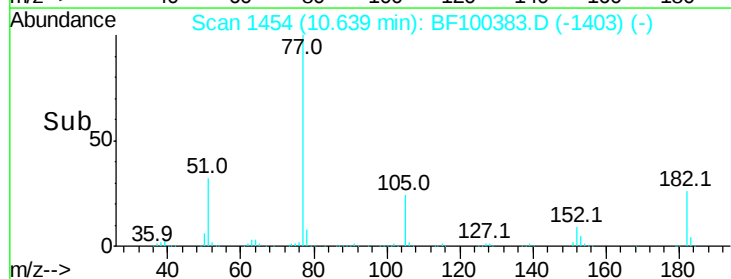
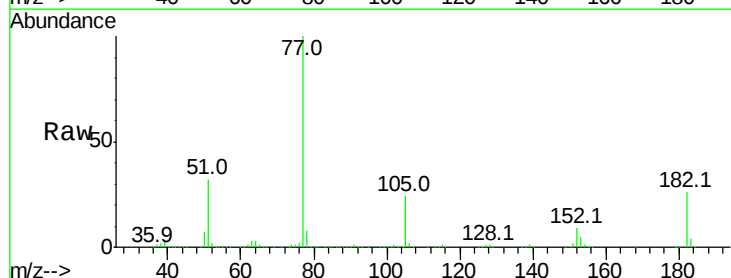
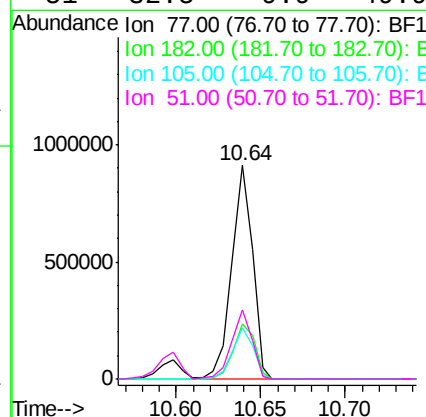
Manual Integrations
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#62
Azobenzene
Concen: 34.175 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	1.7	41.7
105	24.0	3.0	43.0
51	32.5	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: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

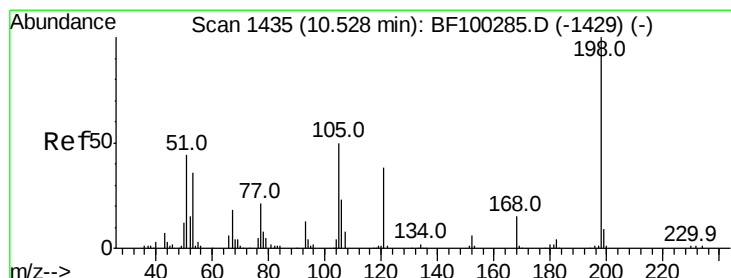
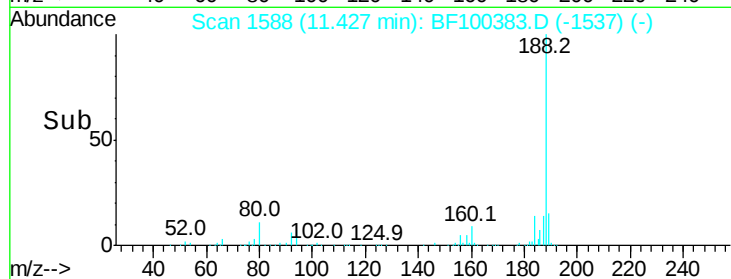
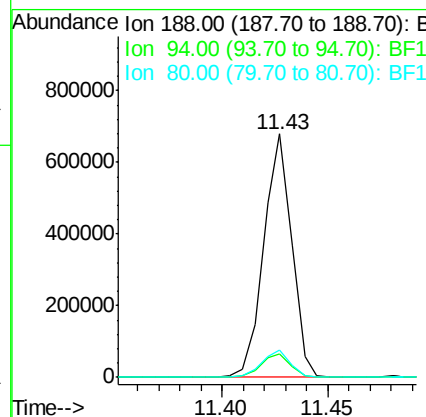
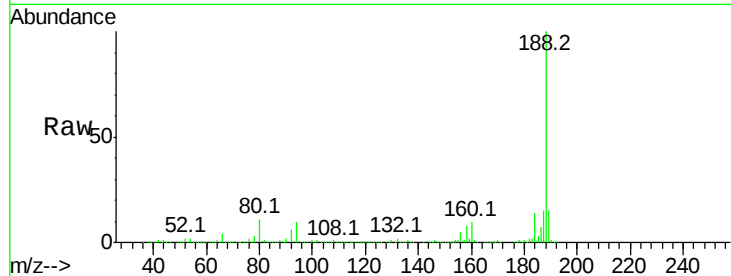
ClientSampleId :

PB104036BSD

Tot Ion:	188	Resp:	628201
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 40.601 ng

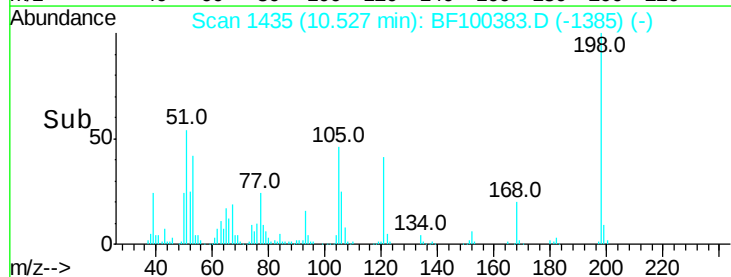
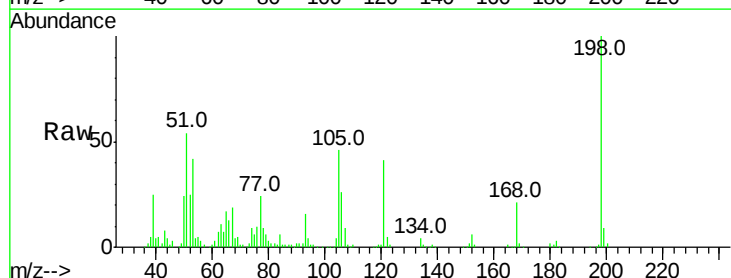
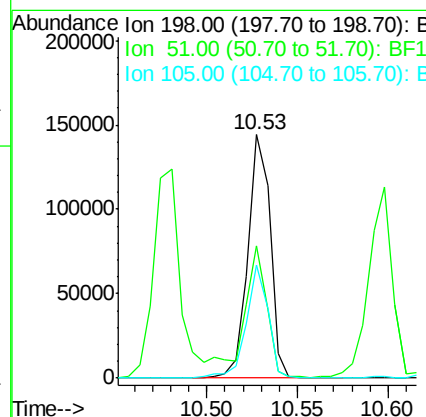
RT: 10.53 min Scan# 1435

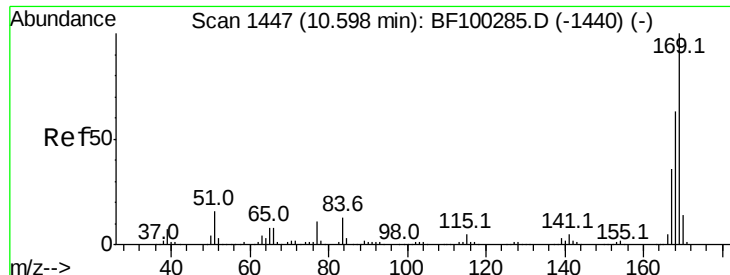
Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	198	Resp:	123682
Ion Ratio	Lower	Upper	
198	100		
51	54.3	37.7	77.7
105	46.3	36.3	76.3





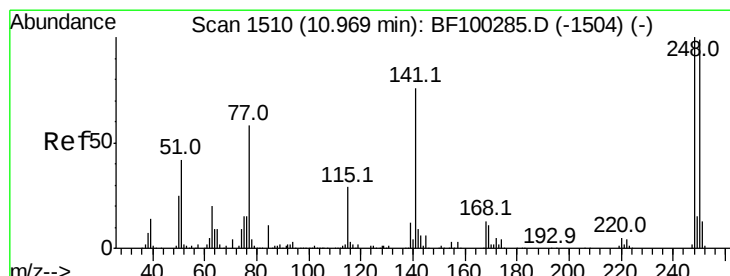
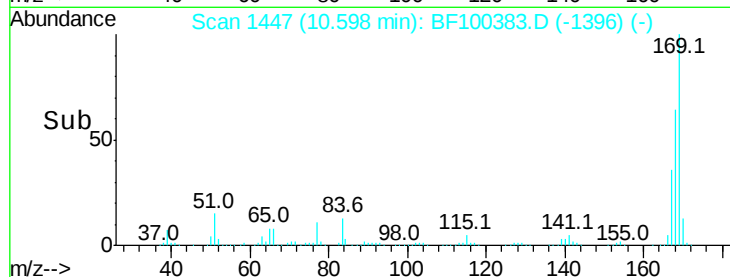
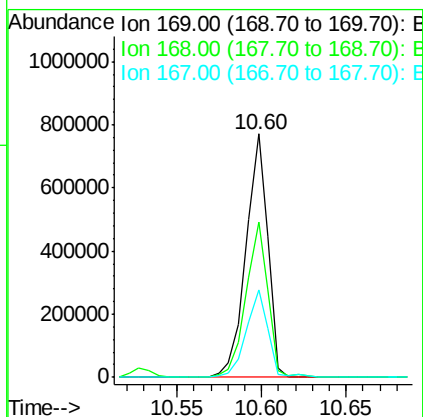
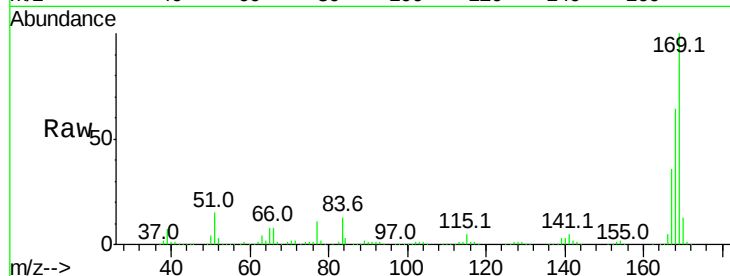
#65
n-Nitrosodiphenylamine
Concen: 32.098 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	701131		
168	63.6		54.4	81.6
167	36.0		29.8	44.6

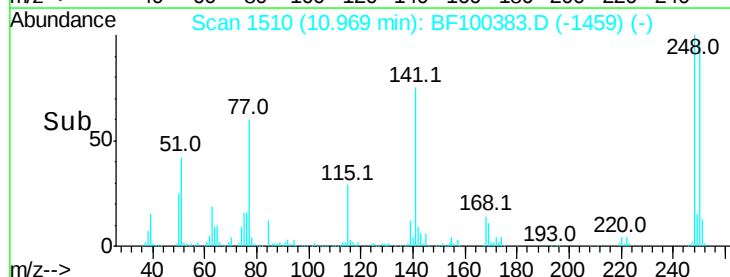
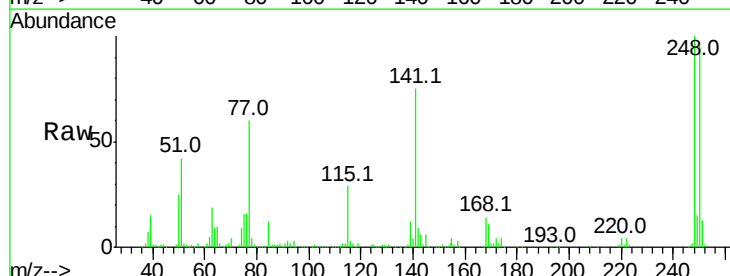
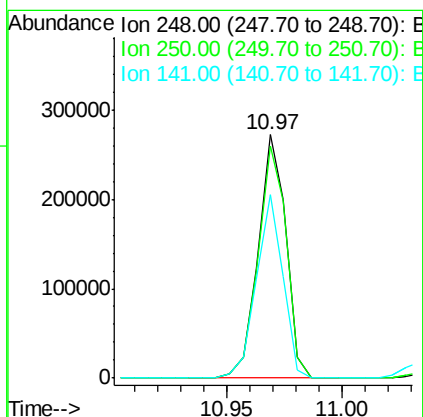
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#66
4-Bromophenyl-phenylether
Concen: 34.017 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	229075		
250	95.3		76.9	115.3
141	75.4		74.4	111.6





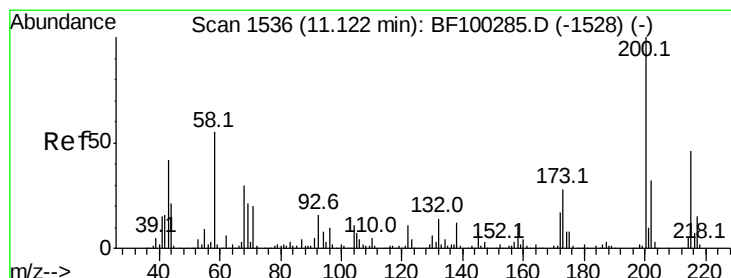
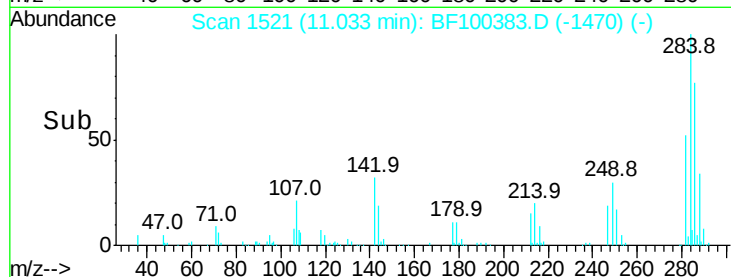
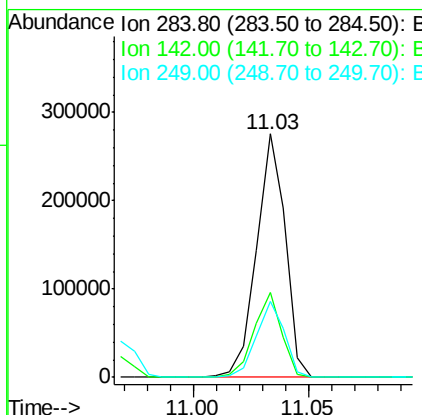
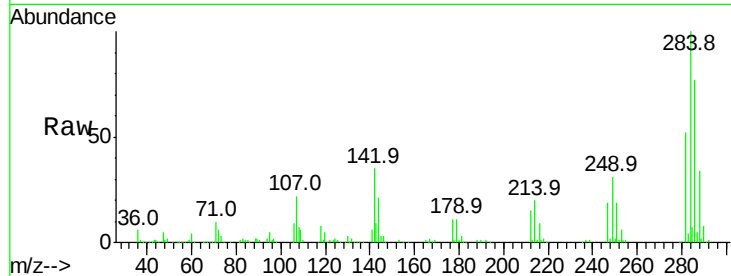
#67
Hexachlorobenzene
Concen: 33.983 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	239349		
142	34.9	34.6	52.0	
249	31.2	24.8	37.2	

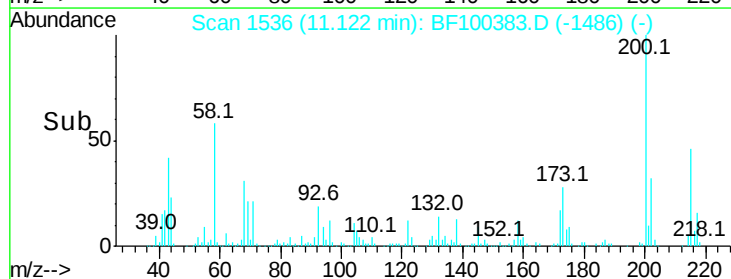
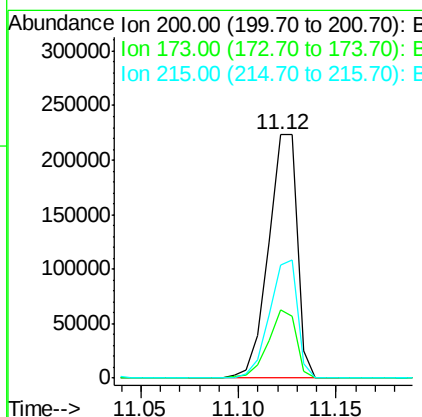
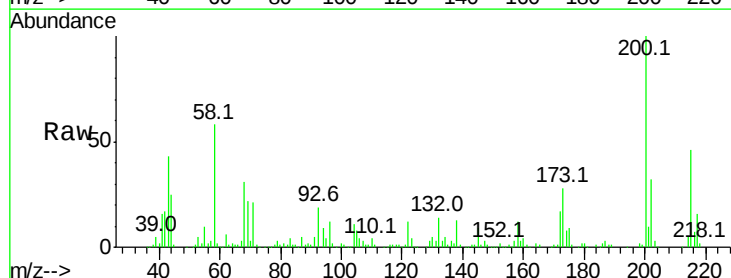
Manual Integrations
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#68
Atrazine
Concen: 34.484 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228008		
173	28.2	8.6	48.6	
215	46.5	25.1	65.1	





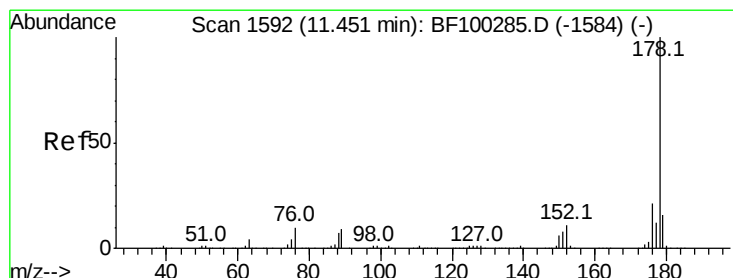
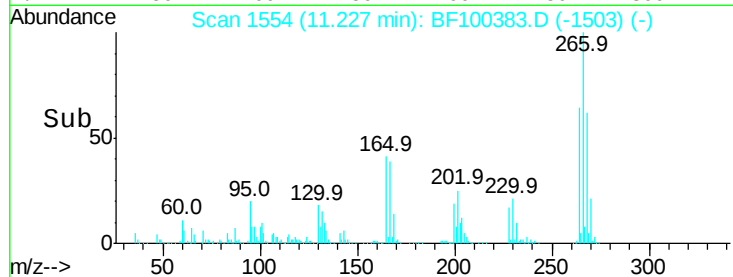
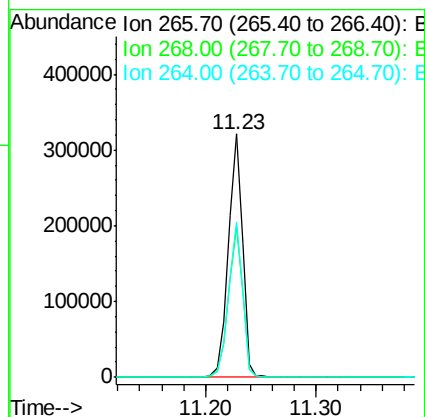
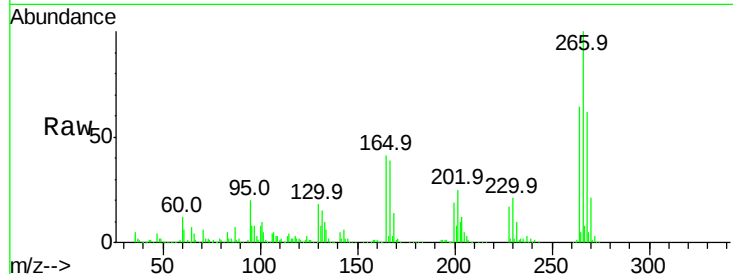
#69
 Pentachlorophenol
 Concen: 57.785 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	291838		
268	61.7	51.1	76.7	
264	63.7	49.5	74.3	

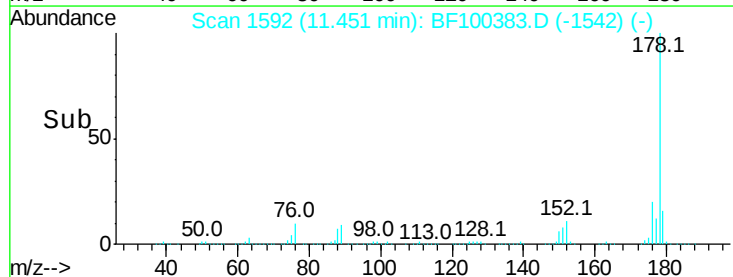
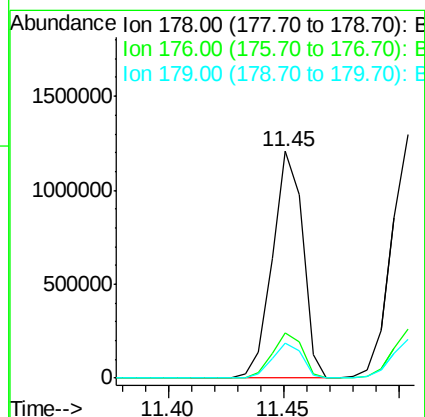
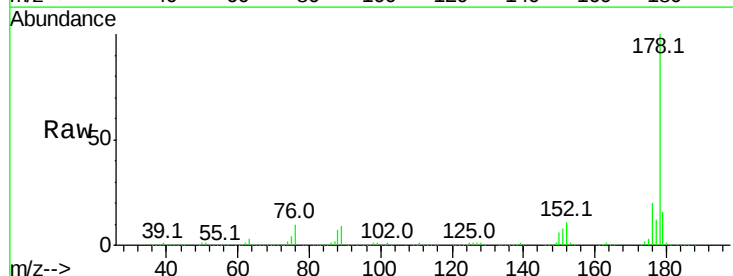
Manual Integrations
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#70
 Phenanthrene
 Concen: 33.240 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1099418		
176	20.0	15.8	23.8	
179	15.6	13.0	19.6	





#71
 Anthracene
 Concen: 33.882 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

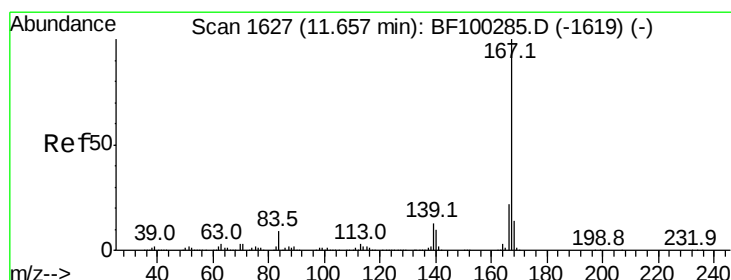
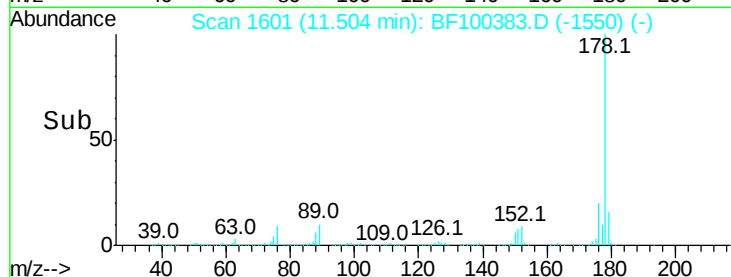
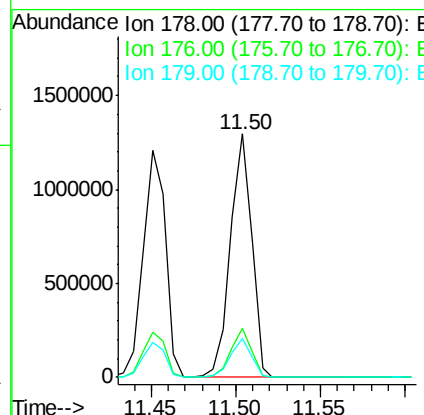
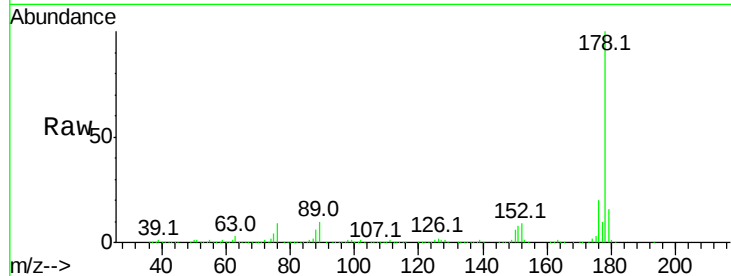
Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion:178 Resp: 1136965

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.9	12.6	19.0

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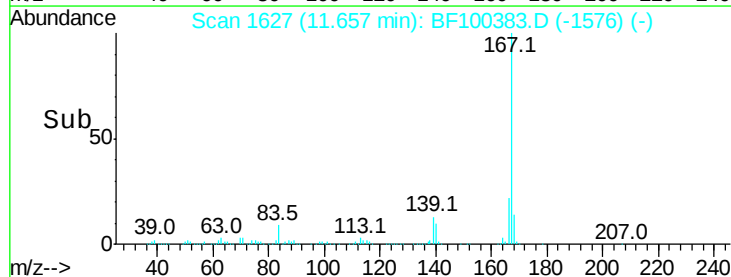
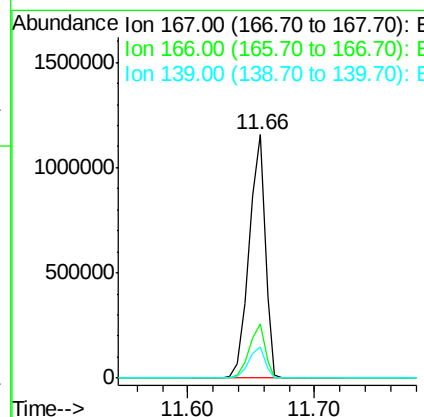
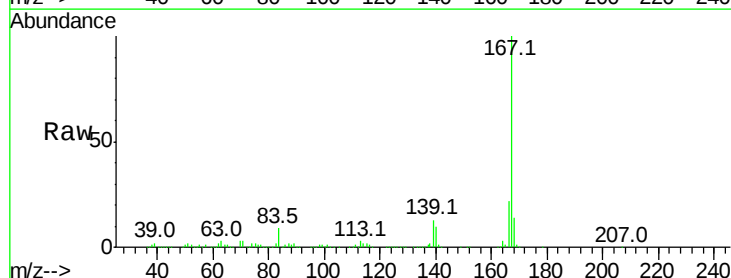
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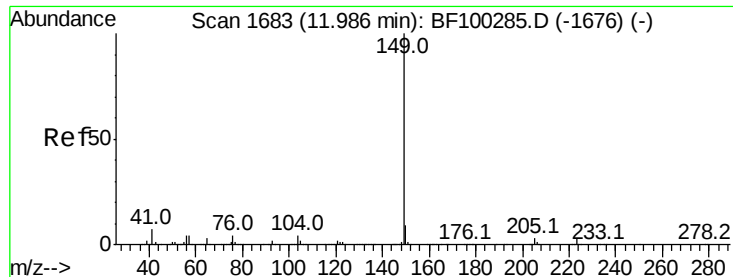


#72
 Carbazole
 Concen: 32.787 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion:167 Resp: 1015178

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.095 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

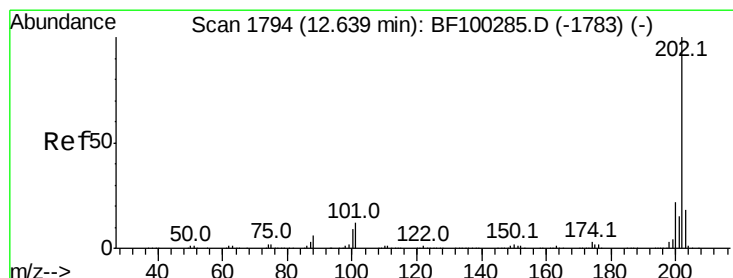
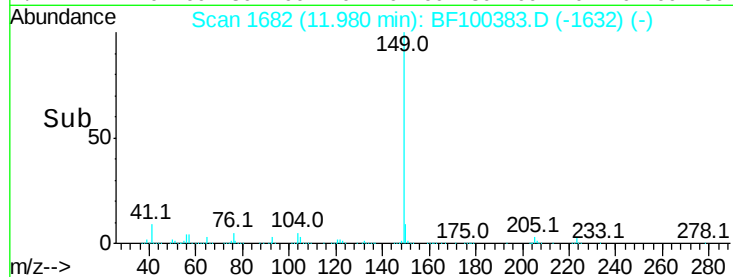
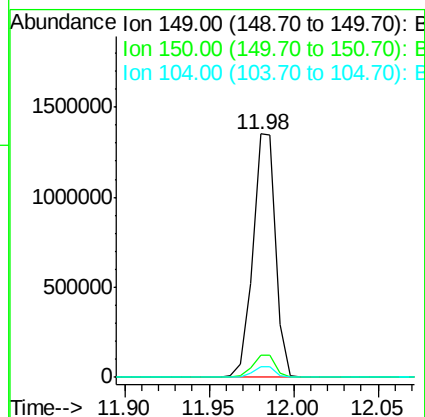
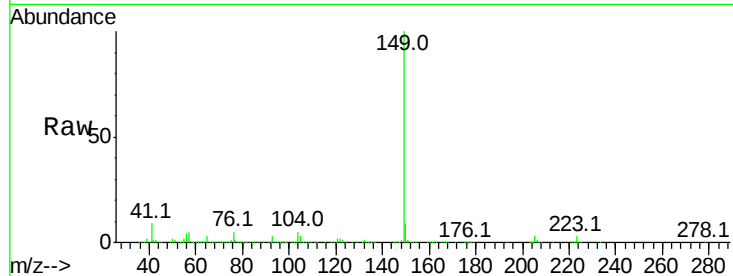
ClientSampleId :

PB104036BSD

Tot Ion:	149	Resp:	1271651
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 33.974 ng

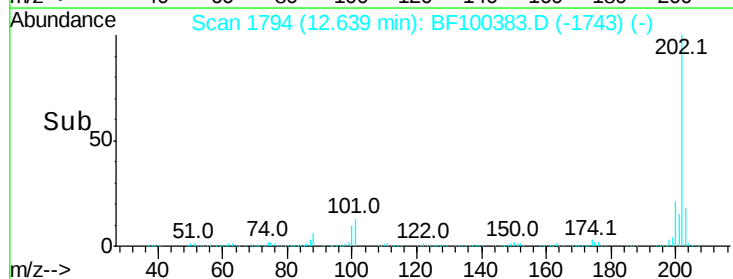
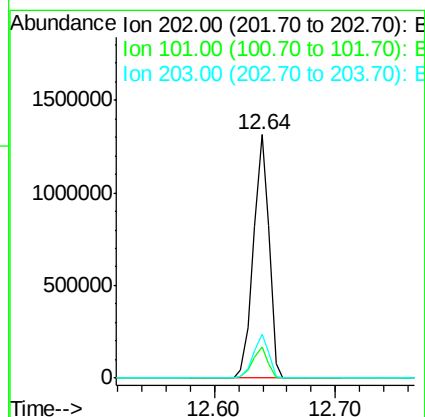
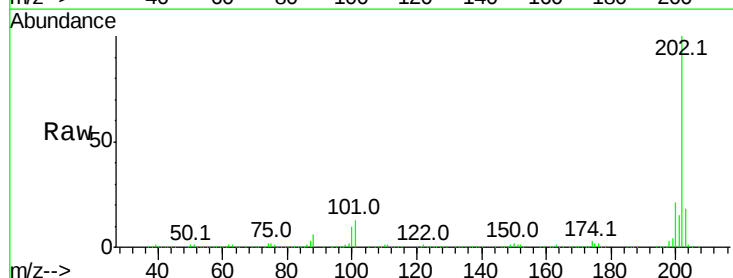
RT: 12.64 min Scan# 1794

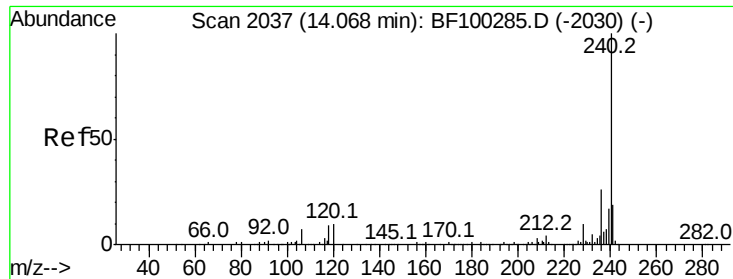
Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	202	Resp:	1190919
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

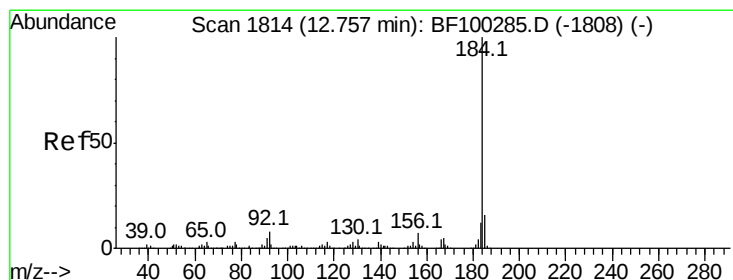
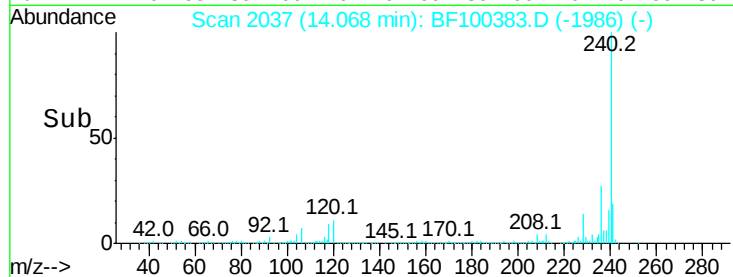
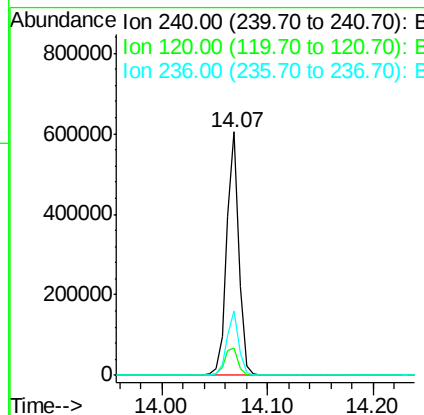
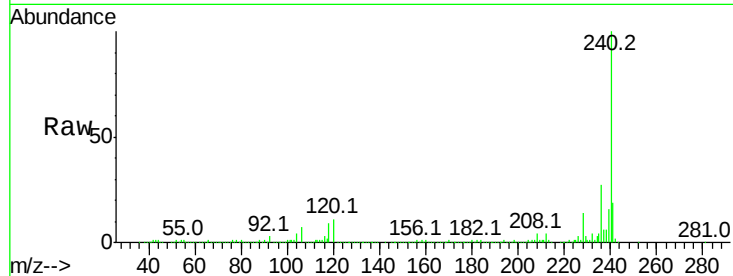
ClientSampleId :

PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.0	9.5	14.3	
236	26.7	20.7	31.1	

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#76

Benzidine

Concen: 13.831 ng

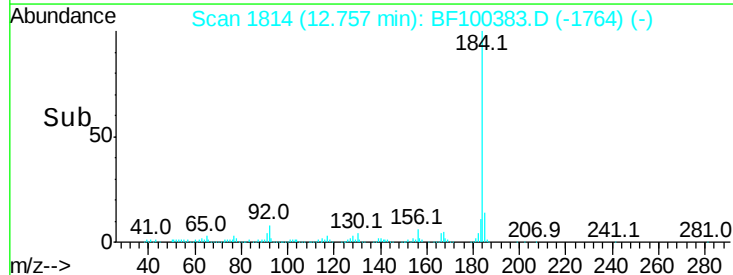
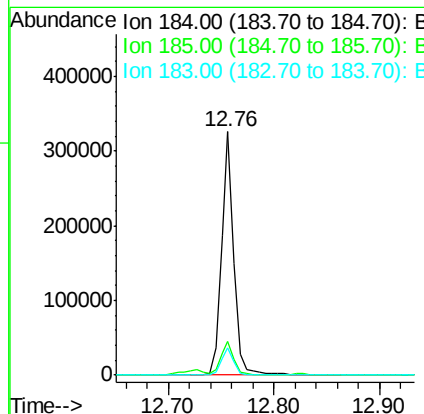
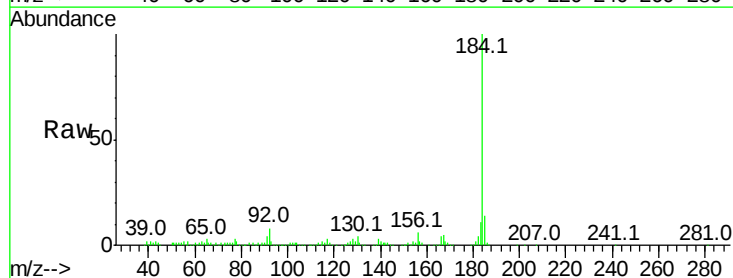
RT: 12.76 min Scan# 1814

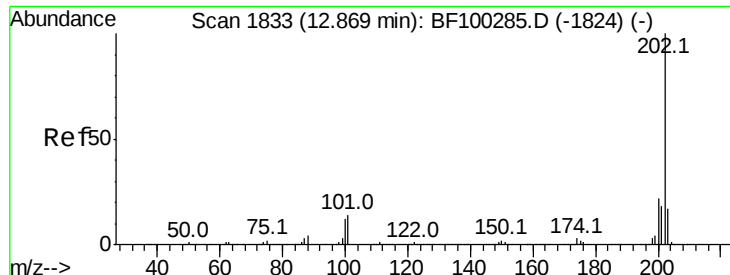
Delta R.T. -0.01 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	12.6	18.8	
183	11.0	9.3	13.9	





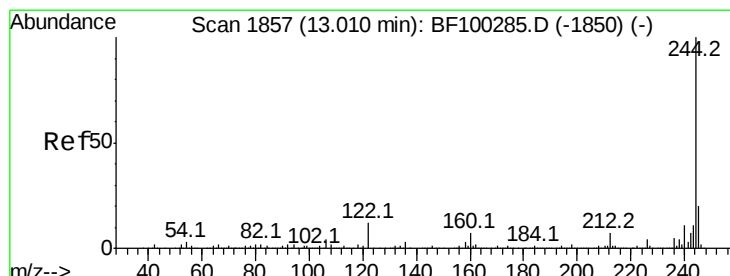
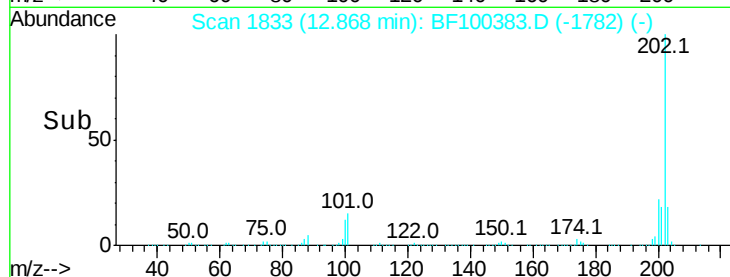
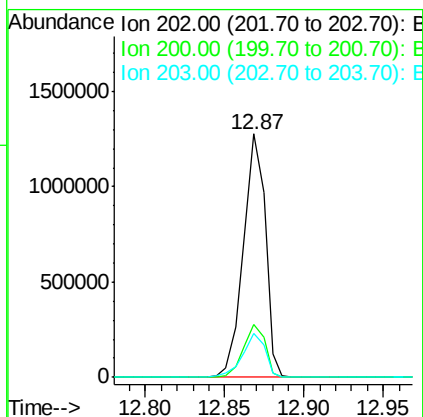
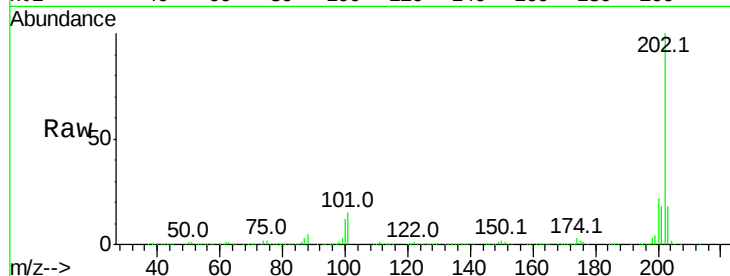
#77
Pvrene
Concen: 35.332 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

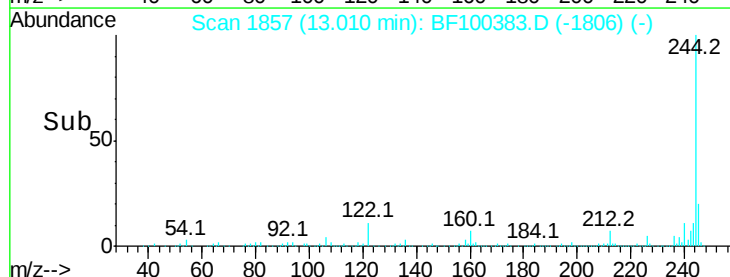
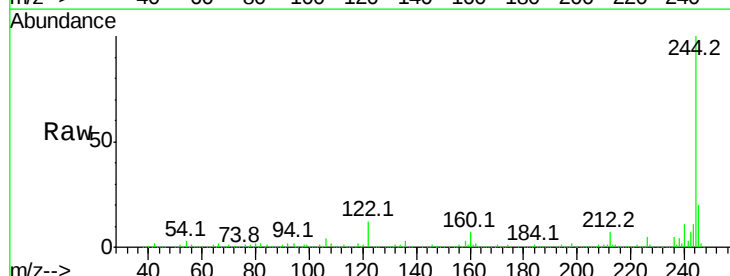
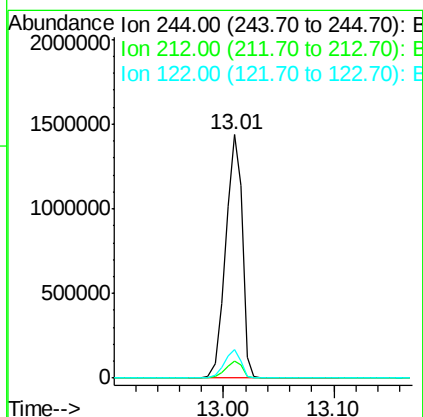
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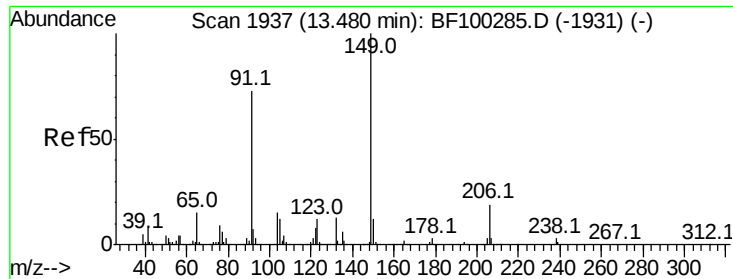
SOHIL
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#78
Terphenyl-d14
Concen: 70.970 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4





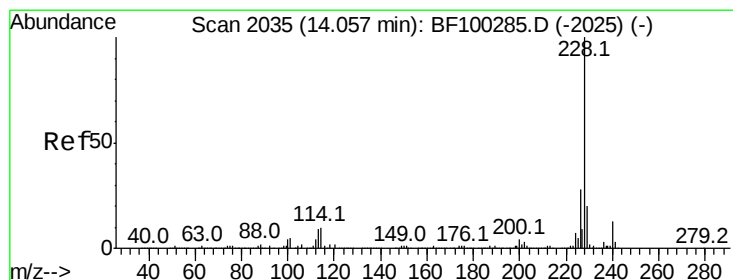
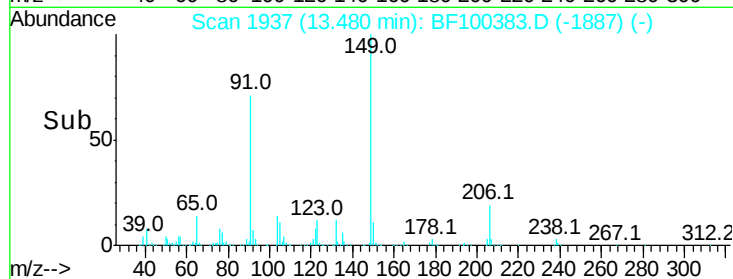
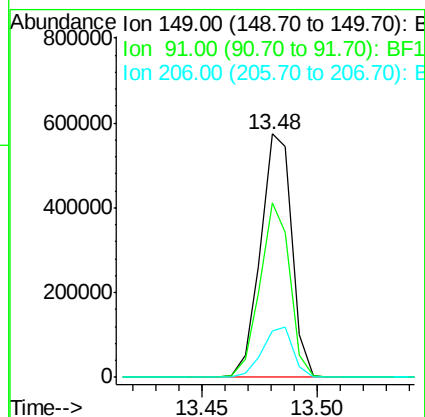
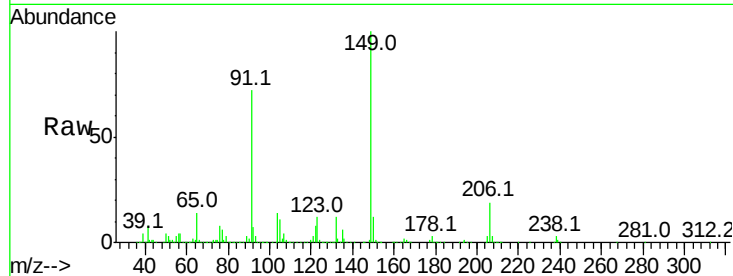
#79
 Butylbenzylphthalate
 Concen: 38.436 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion:	149	Resp:	544136
Ion Ratio	Lower	Upper	
149	100		
91	71.5	56.8	85.2
206	19.1	14.1	21.1

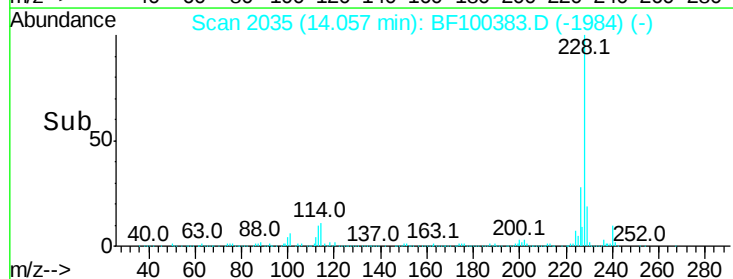
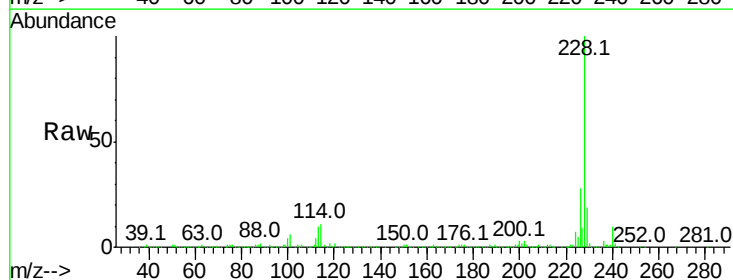
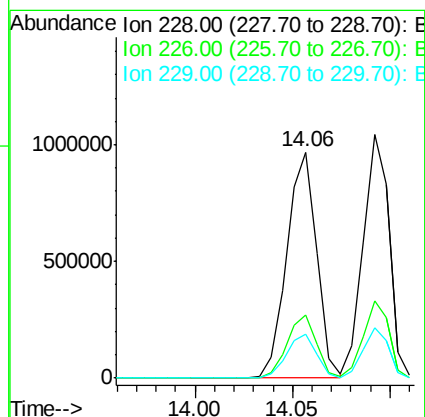
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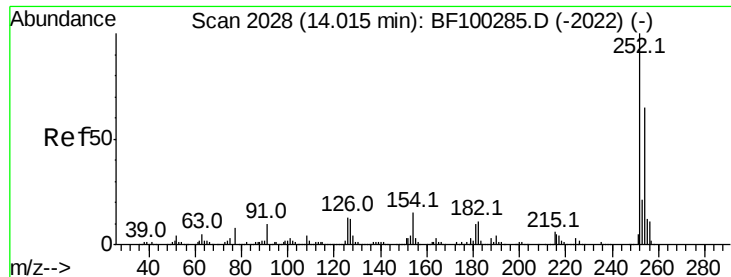
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#80
 Benzo(a)anthracene
 Concen: 34.848 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion:	228	Resp:	1021957
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.4	15.8	23.6





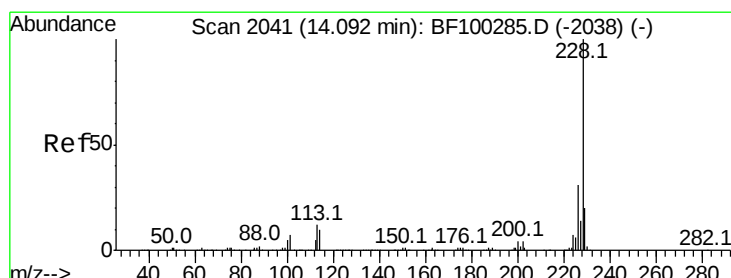
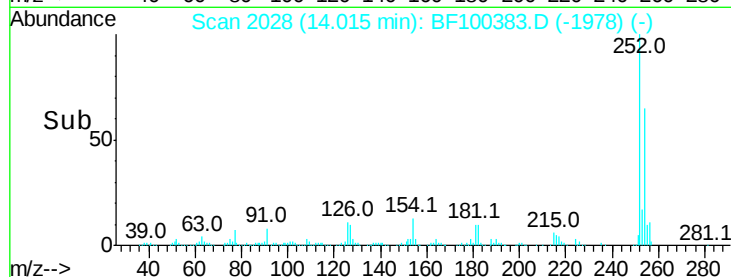
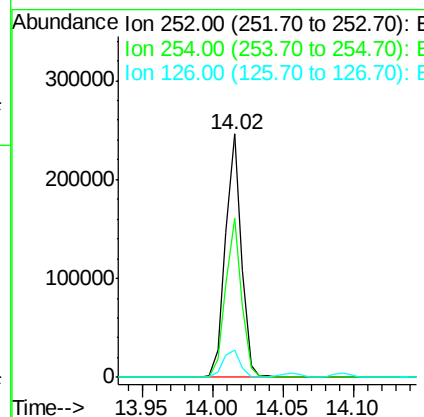
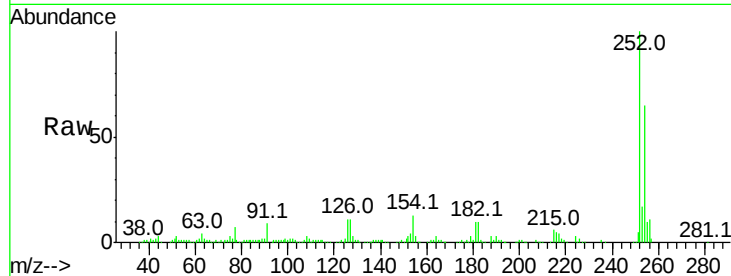
#81
 3,3'-Dichlorobenzidine
 Concen: 18.488 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	194260		
254	65.4	50.4	75.6	
126	11.2	11.3	16.9	

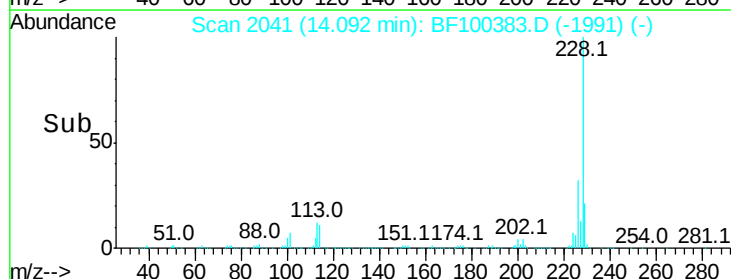
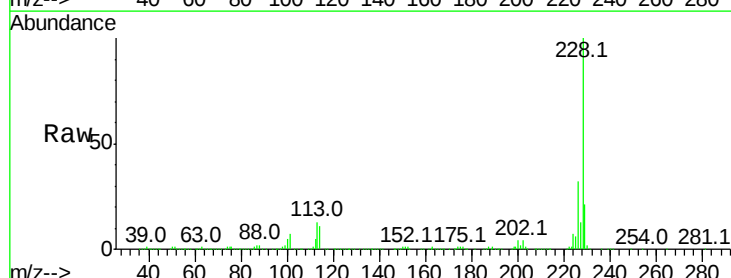
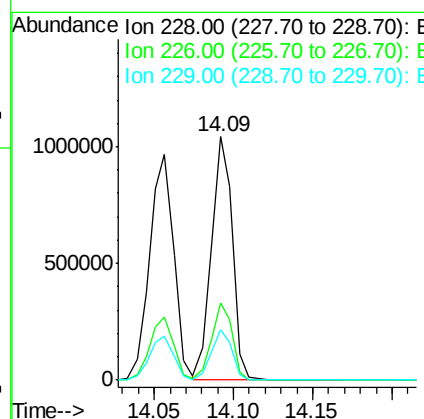
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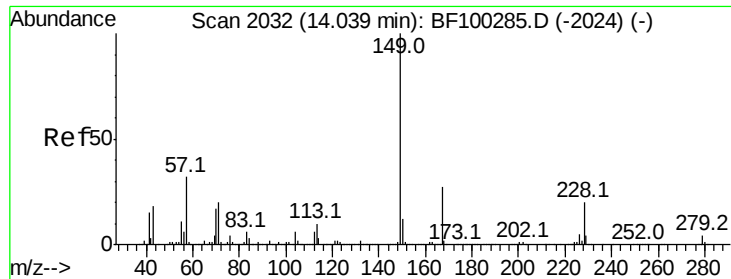
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#82
 Chrysene
 Concen: 33.976 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	964866		
226	31.9	25.0	37.6	
229	20.7	16.2	24.4	





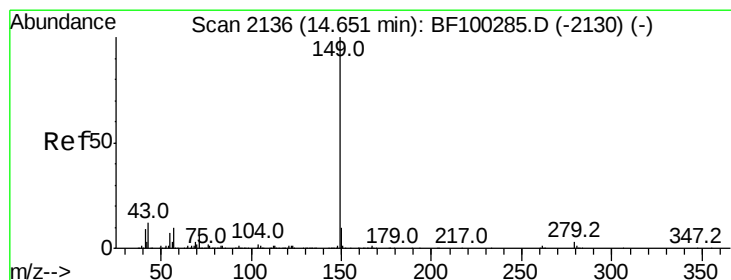
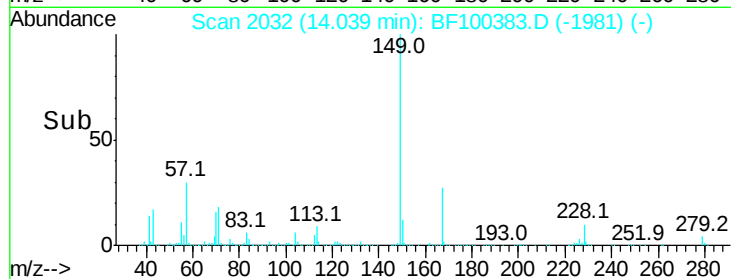
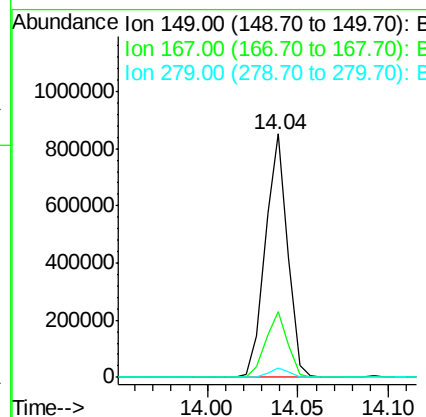
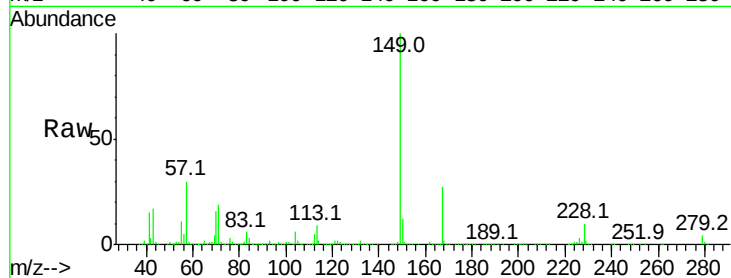
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.722 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.8	3.0	4.4

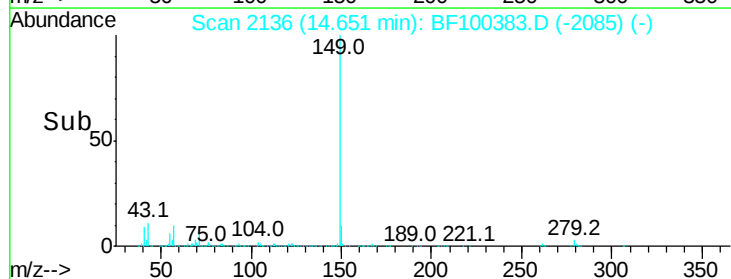
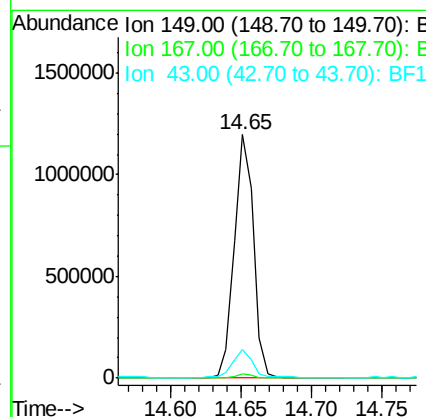
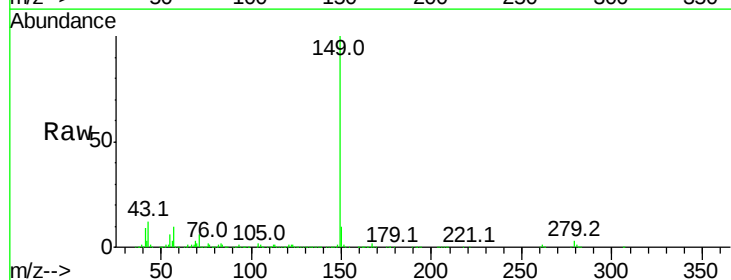
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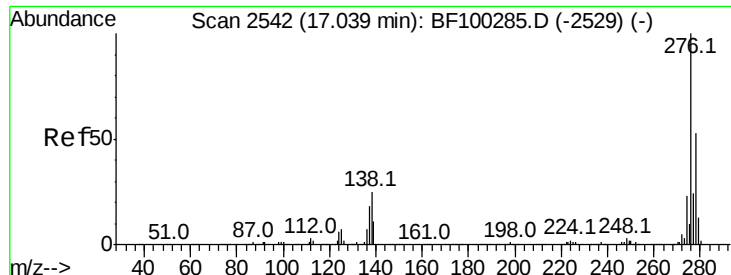
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#84
 Di-n-octyl phthalate
 Concen: 35.172 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	8.4	12.6





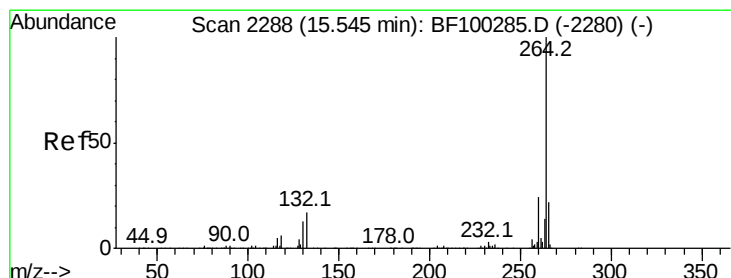
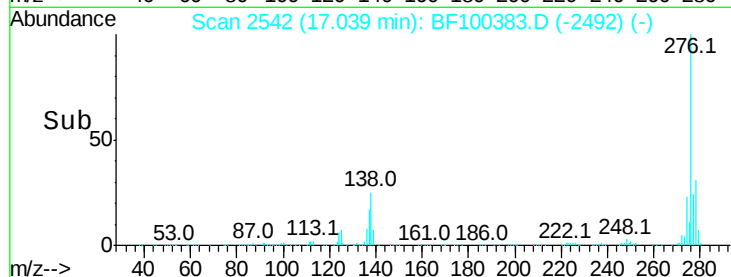
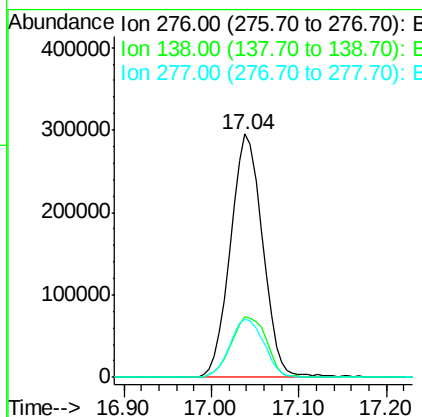
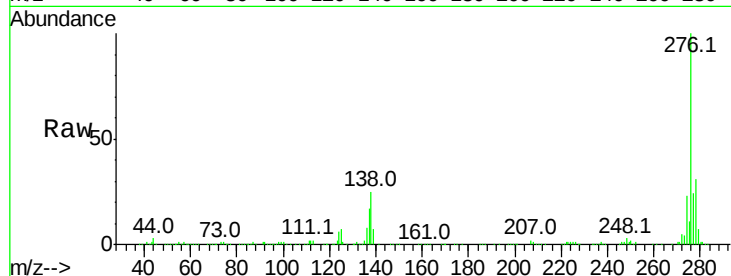
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.160 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

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

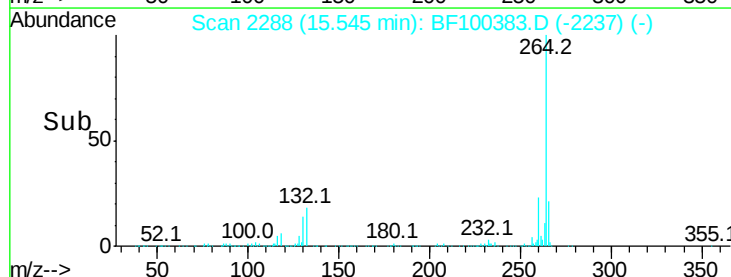
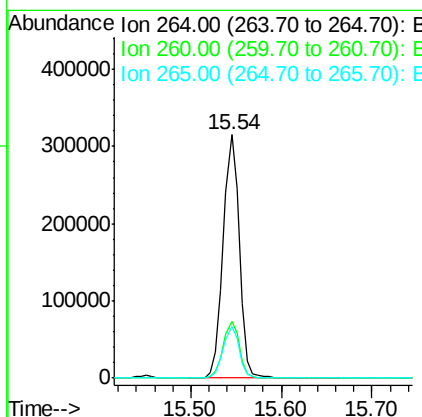
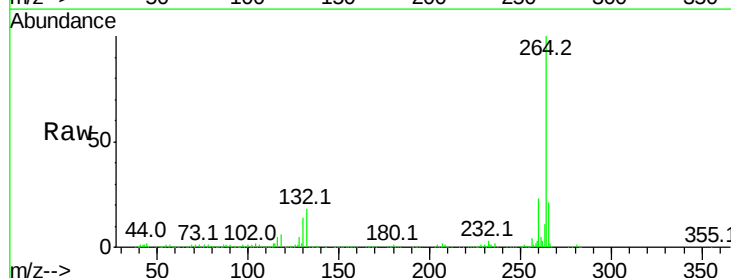
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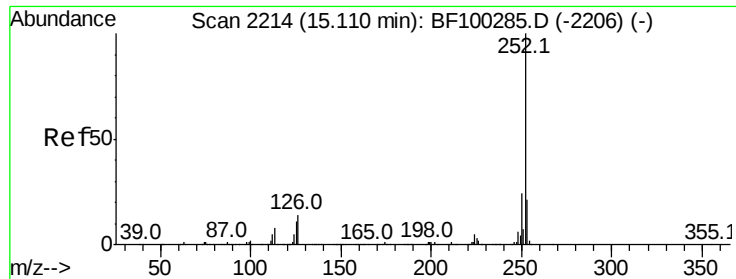
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3





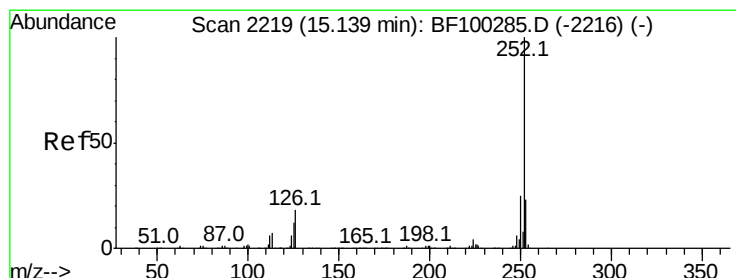
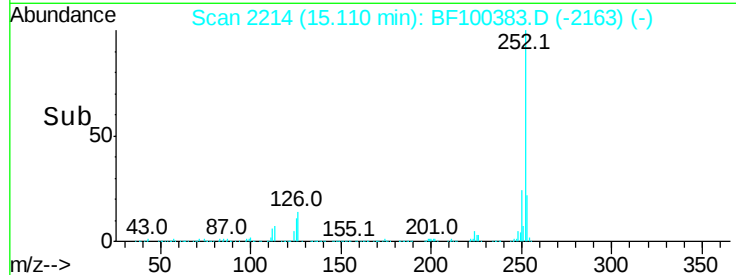
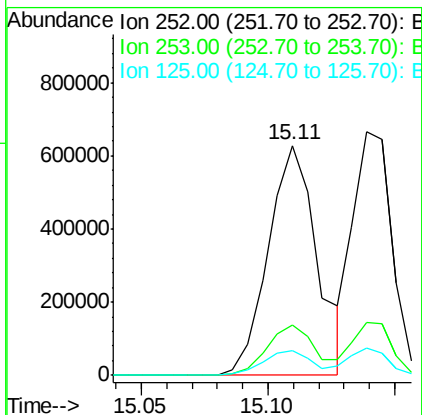
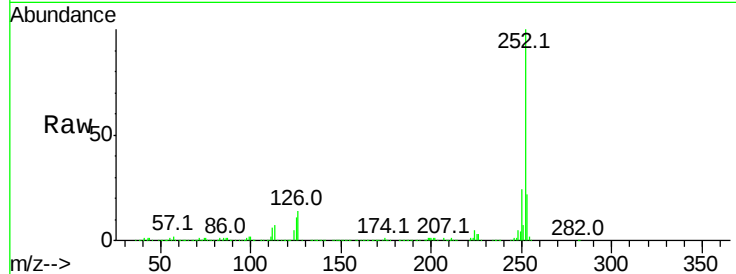
#87
Benzo(b)fluoranthene
Concen: 36.695 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
PB104036BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.8	9.0	13.6

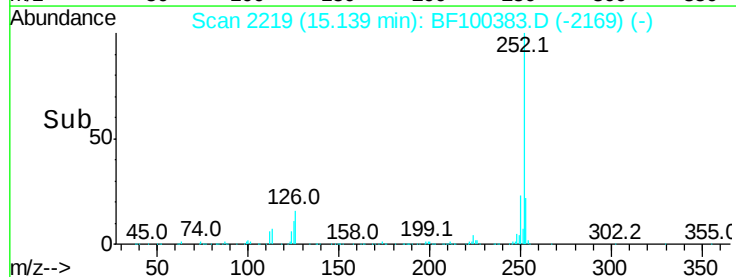
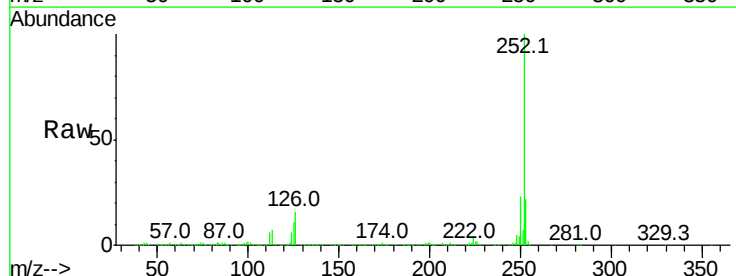
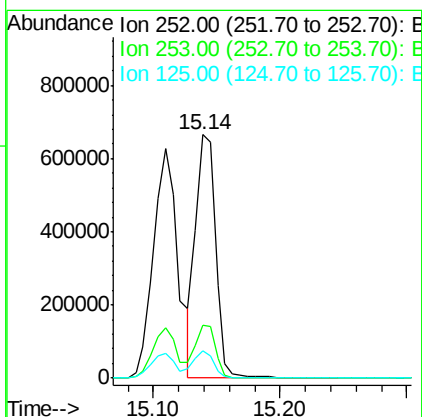
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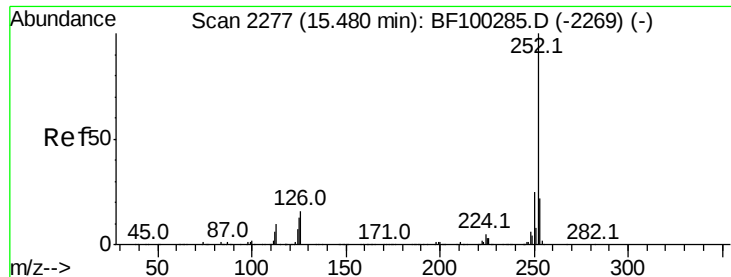
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#88
Benzo(k)fluoranthene
Concen: 33.368 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF100383.D
Acq: 10 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 35.083 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Instrument :

BNA_F

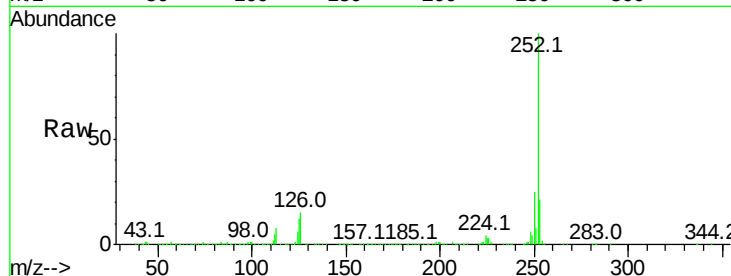
ClientSampleId :

PB104036BSD

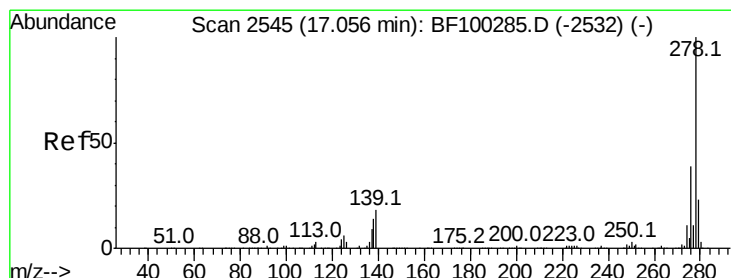
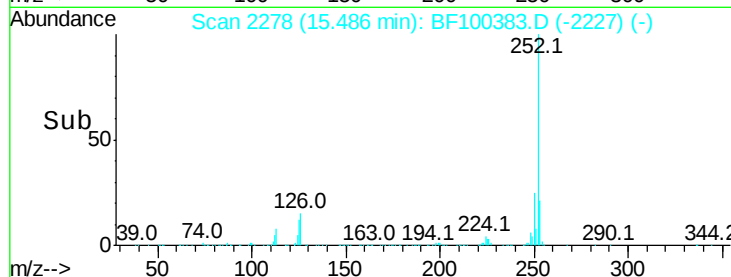
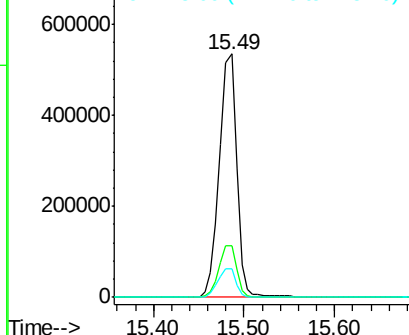
Tot Ion:	252	Resp:	712731
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	11.6	9.8	14.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.050 ng

RT: 17.06 min Scan# 2545

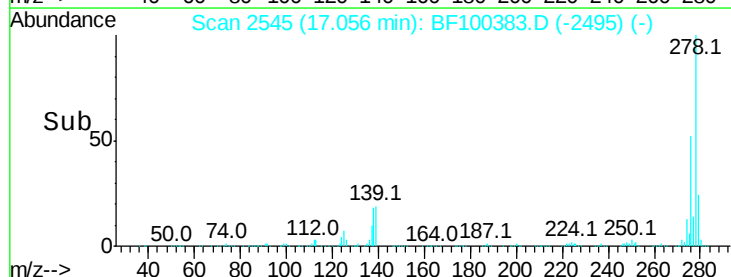
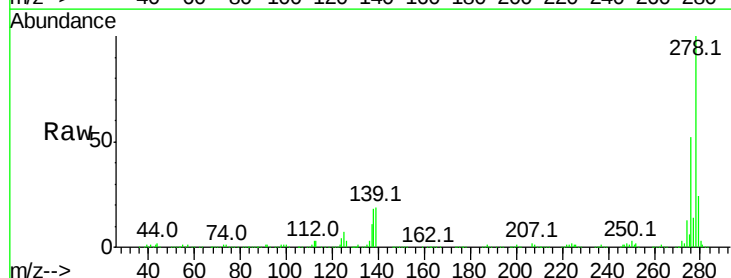
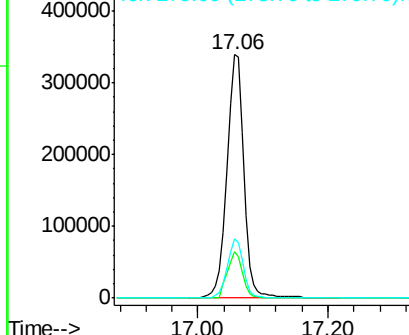
Delta R.T. -0.01 min

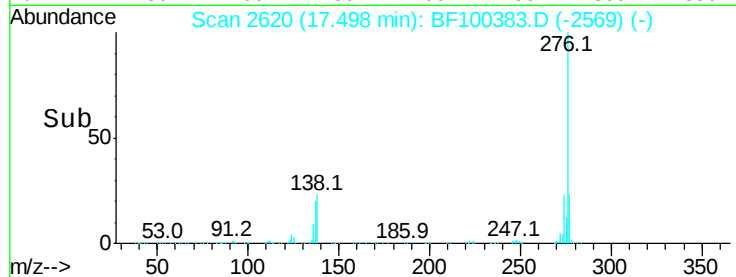
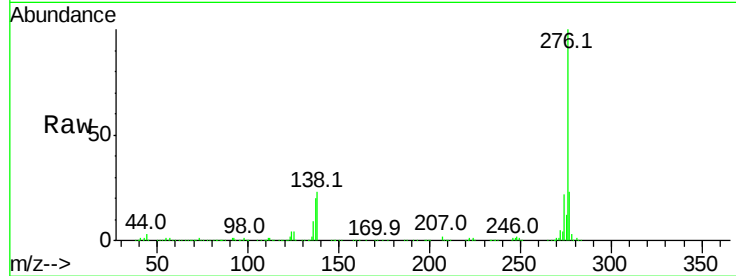
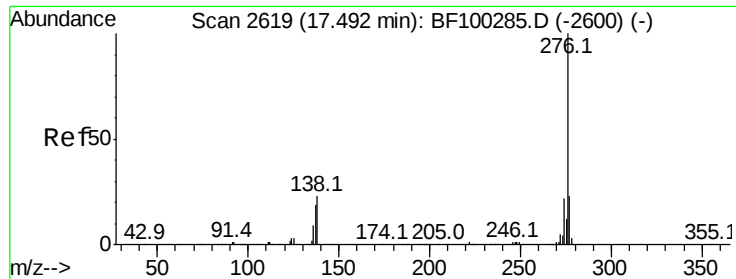
Lab File: BF100383.D

Acq: 10 Nov 2017 11:45

Tgt Ion:	278	Resp:	615552
Ion Ratio	Lower	Upper	
278	100		
139	19.3	15.9	23.9
279	24.1	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.024 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BF100383.D
 Acq: 10 Nov 2017 11:45

Tot Ion:	276	Resp:	650936
Ion Ratio	Lower	Upper	
276	100		
277	22.6	17.9	26.9
138	23.1	21.8	32.8

Instrument :
 BNA_F
 ClientSampleId :
 PB104036BSD

Manual Integrations
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