

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100681.D
 Acq On : 17 Nov 2017 18:49
 Operator : SJ/JU
 Sample : PB104282BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:13 PM

Quant Time: Nov 17 23:24:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	92582	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	365116	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175064	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350700	20.00	ng	0.00
75) Chrysene-d12	14.04	240	240207	20.00	ng	0.00
86) Perylene-d12	15.52	264	206095	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	694921	120.32	ng	0.02
7) Phenol-d6	6.52	99	850849	119.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	541887	98.12	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	256084	143.55	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1124996	97.85	ng	0.00
78) Terphenyl-d14	12.99	244	1104642	105.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	88882	31.579	ng	97
3) Pyridine	3.52	79	263287	34.287	ng	97
4) n-Nitrosodimethylamine	3.47	42	127926	34.312	ng	99
6) Aniline	6.55	93	197706	19.649	ng	99
8) 2-Chlorophenol	6.67	128	268167	43.890	ng	99
9) Benzaldehyde	6.43	77	99378	19.539	ng	94
10) Phenol	6.53	94	318715	42.628	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	241797	38.502	ng	99
12) 1,3-Dichlorobenzene	6.83	146	297719m	42.263	ng	
13) 1,4-Dichlorobenzene	6.90	146	302305	42.400	ng	98
14) 1,2-Dichlorobenzene	7.06	146	282600	42.870	ng	95
15) Benzyl Alcohol	7.02	79	232479	41.824	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	436054	43.413	ng	99
17) 2-Methylphenol	7.13	107	234103	44.835	ng	97
18) Hexachloroethane	7.39	117	100994	42.962	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	183807	37.214	ng	97
20) 3+4-Methylphenols	7.29	107	284584	43.071	ng	# 80
22) Acetophenone	7.29	105	363277	40.803	ng	# 95
24) Nitrobenzene	7.46	77	275550	48.477	ng	98
25) Isophorone	7.70	82	511542	44.079	ng	99
26) 2-Nitrophenol	7.78	139	153593	56.553	ng	93
27) 2,4-Dimethylphenol	7.82	122	263154	50.583	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	321503	42.352	ng	99
29) 2,4-Dichlorophenol	8.02	162	247970	49.929	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	246643	45.911	ng	97
31) Naphthalene	8.19	128	785192	44.649	ng	100
32) Benzoic acid	7.94	122	163951	42.491	ng	95
33) 4-Chloroaniline	8.23	127	91456	12.494	ng	95
34) Hexachlorobutadiene	8.30	225	140481	43.980	ng	98
35) Caprolactam	8.61	113	75518m	44.308	ng	
36) 4-Chloro-3-methylphenol	8.72	107	253857	47.592	ng	98
37) 2-Methylnaphthalene	8.88	142	540095	46.260	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	248627	42.822	ng	97
40) Hexachlorocyclopentadiene	9.03	237	286618	104.889	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	187267	50.891	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	194878	51.115	nq #	91
45) 1,1'-Biphenyl	9.35	154	662546	43.758	nq	97
46) 2-Chloronaphthalene	9.37	162	521122	47.442	nq	96
47) 2-Nitroaniline	9.46	65	160211	49.282	nq	99
48) Acenaphthylene	9.79	152	802554	44.087	nq	99
49) Dimethylphthalate	9.65	163	614958	46.008	nq	98
50) 2,6-Dinitrotoluene	9.70	165	141153	53.350	nq	91
51) Acenaphthene	9.96	154	488807	44.152	nq	99
52) 3-Nitroaniline	9.87	138	77734	24.881	nq	99
53) 2,4-Dinitrophenol	9.98	184	138243	104.050	nq #	16
54) Dibenzofuran	10.13	168	708572	45.664	nq	98
55) 4-Nitrophenol	10.04	139	233317	91.970	nq	84
56) 2,4-Dinitrotoluene	10.11	165	183293	54.915	nq #	92
57) Fluorene	10.47	166	549816	48.369	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	160161	51.258	nq #	85
59) Diethylphthalate	10.34	149	596110	44.566	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	266616	47.812	nq	93
61) 4-Nitroaniline	10.49	138	147944	49.939	nq	90
62) Azobenzene	10.62	77	538109	42.714	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	93190	51.802	nq	84
65) n-Nitrosodiphenylamine	10.58	169	521124	42.735	nq	96
66) 4-Bromophenyl-phenylether	10.95	248	174294	46.362	nq #	85
67) Hexachlorobenzene	11.02	284	182294	46.362	nq #	89
68) Atrazine	11.10	200	168327	45.602	nq	98
69) Pentachlorophenol	11.21	266	206980	73.412	nq	98
70) Phenanthrene	11.43	178	835792	45.264	nq	99
71) Anthracene	11.49	178	863816	46.111	nq	99
72) Carbazole	11.64	167	769124	44.495	nq	99
73) Di-n-butylphthalate	11.96	149	918049	45.385	nq	99
74) Fluoranthene	12.62	202	871632	44.541	nq	97
76) Benzidine	12.74	184	238570	24.800	nq	98
77) Pyrene	12.85	202	884565	51.660	nq	99
79) Butylbenzylphthalate	13.46	149	349860	50.102	nq #	89
80) Benzo(a)anthracene	14.03	228	689683	47.679	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	129693	25.024	nq	97
82) Chrysene	14.07	228	644854	46.036	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	432920	47.137	nq	99
84) Di-n-octyl phthalate	14.63	149	645922	40.938	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	615265	54.304	nq	94
87) Benzo(b)fluoranthene	15.09	252	592175	48.499	nq	97
88) Benzo(k)fluoranthene	15.12	252	498453	43.206	nq	97
89) Benzo(a)pyrene	15.46	252	524180	48.425	nq	99
90) Dibenzo(a,h)anthracene	17.03	278	500897	56.583	nq	96
91) Benzo(g,h,i)perylene	17.46	276	524388	60.514	nq	93

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

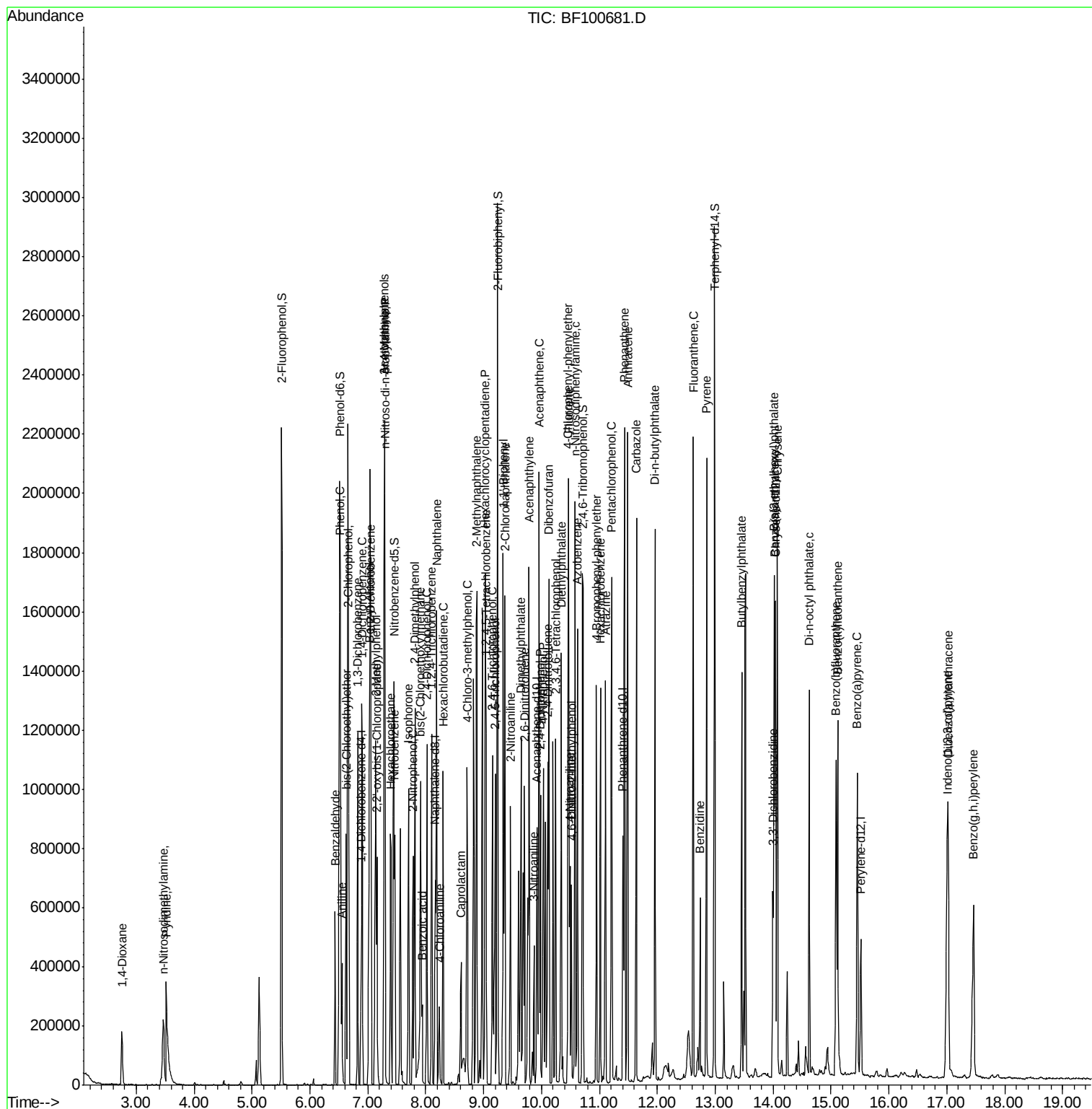
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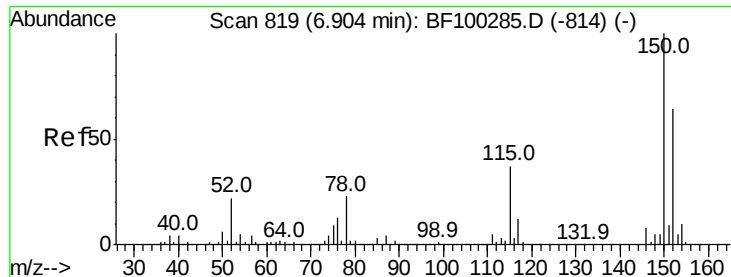
Instrument :
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#1

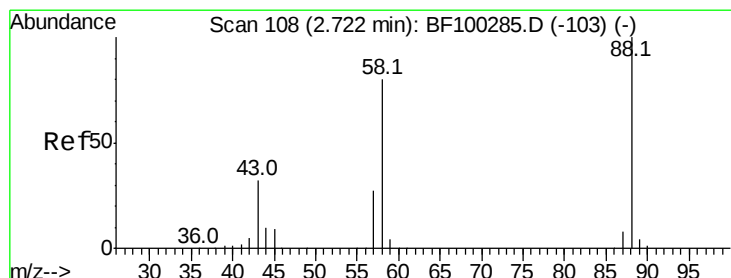
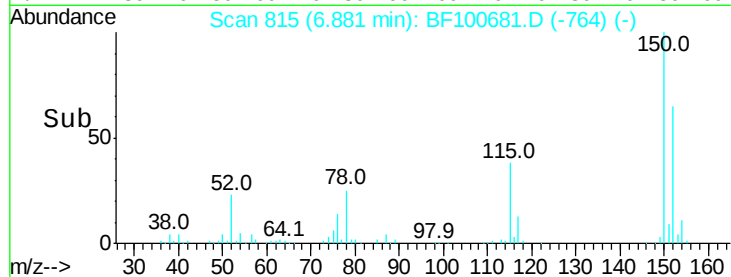
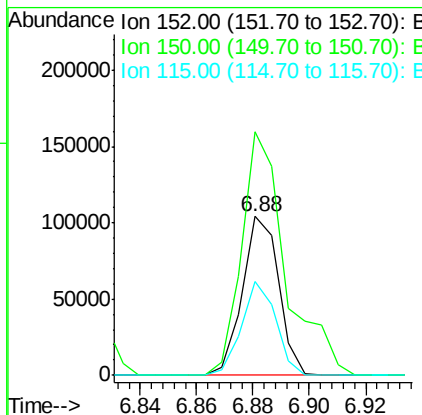
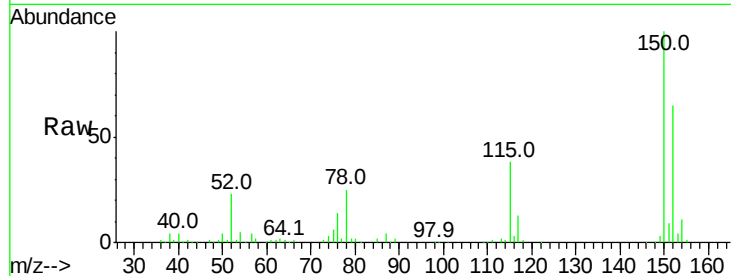
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	58.8	50.1	75.1

Manual Integrations
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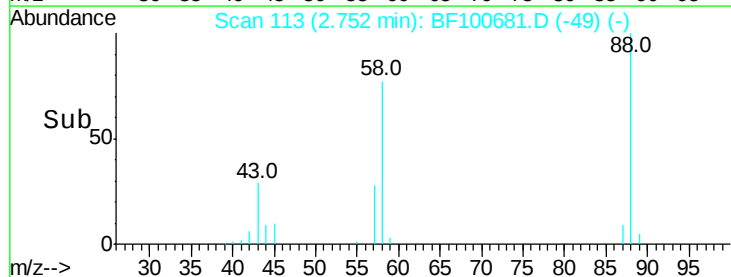
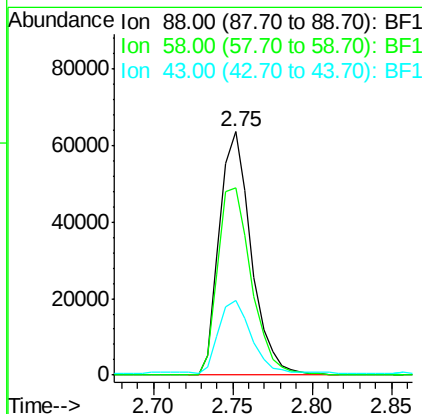
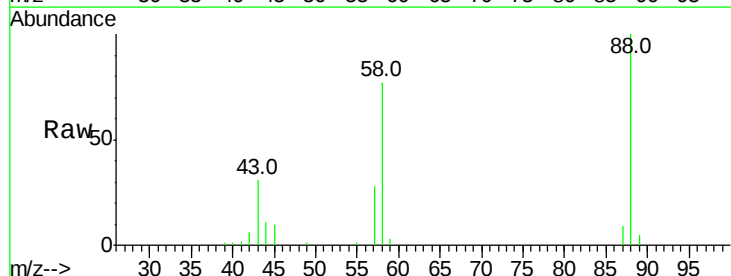
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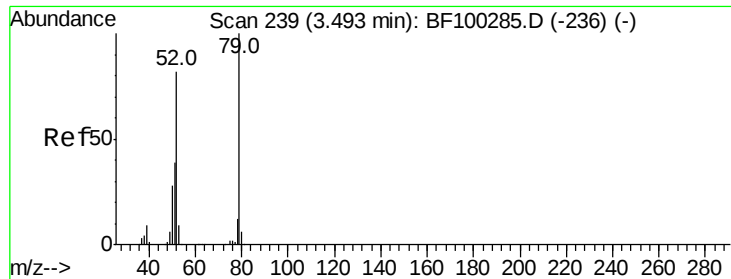


#2

1,4-Dioxane
Concen: 31.579 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

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





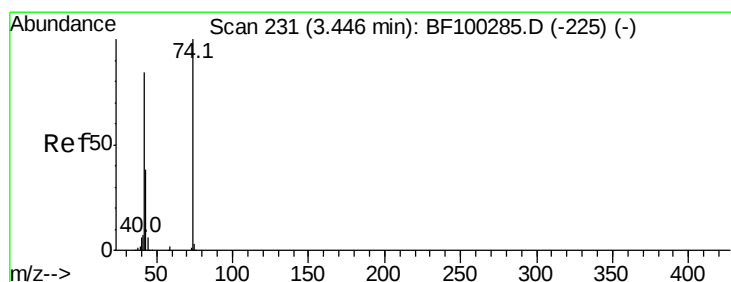
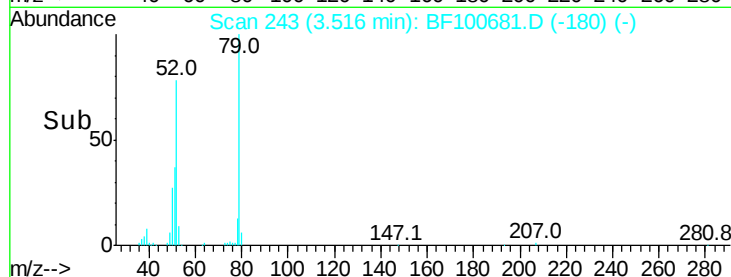
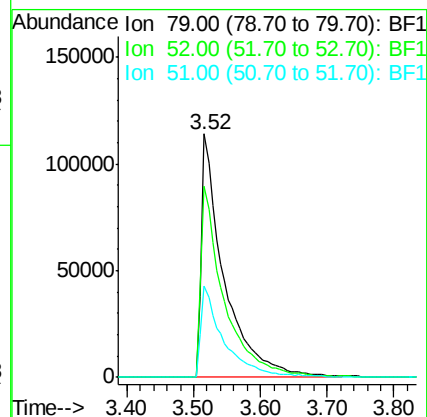
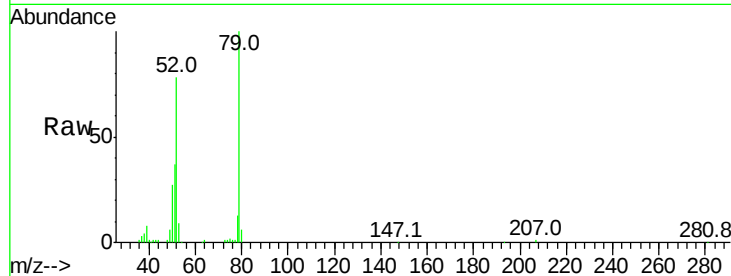
#3
 Pvridine
 Concen: 34.287 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.07 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.4	59.8	89.6
51	37.4	29.8	44.8

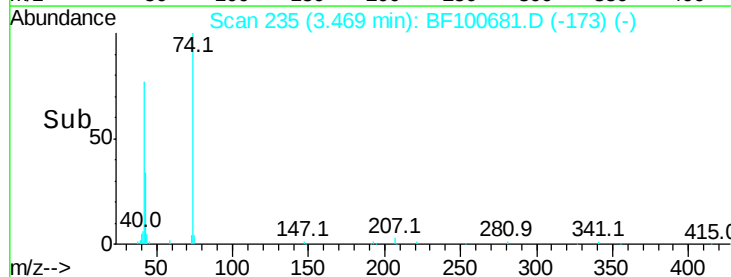
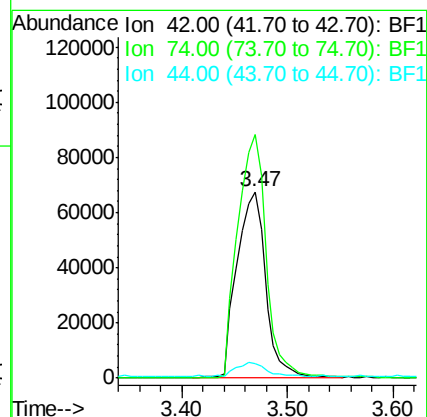
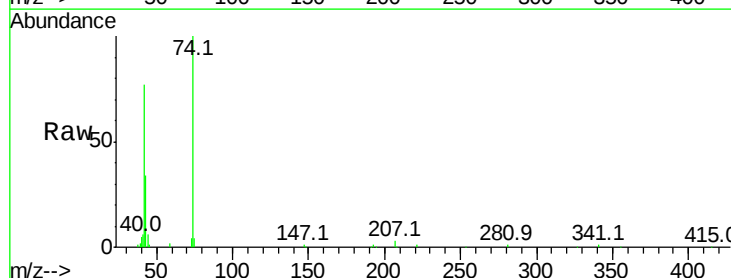
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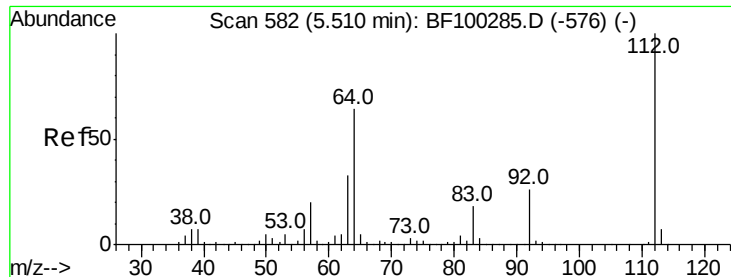
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#4
 n-Nitrosodimethylamine
 Concen: 34.312 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.06 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.7	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 120.320 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

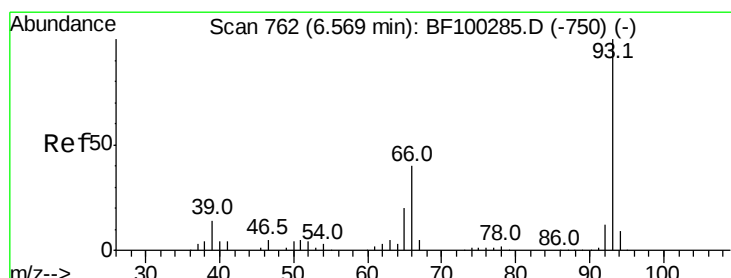
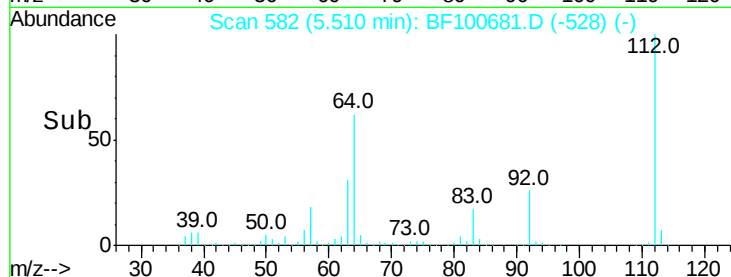
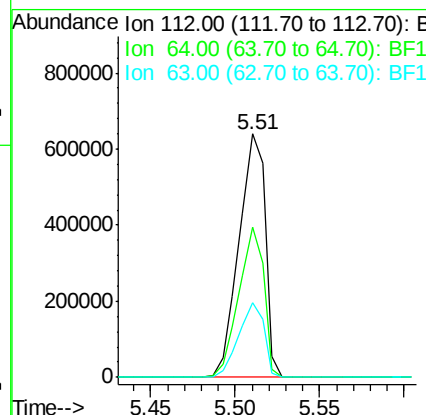
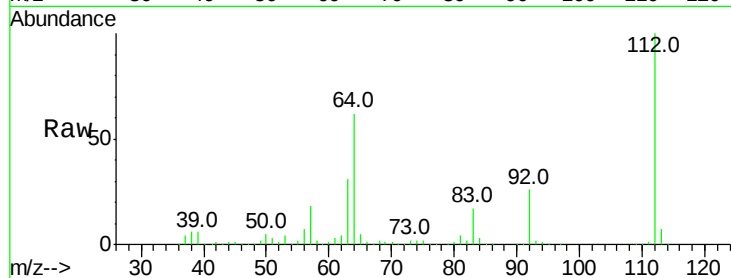
ClientSampleId :

PB104282BS

Tot Ion:	112	Resp:	694921
Ion Ratio	Lower	Upper	
112	100		
64	61.9	47.9	71.9
63	30.6	23.7	35.5

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#6

Aniline

Concen: 19.649 ng

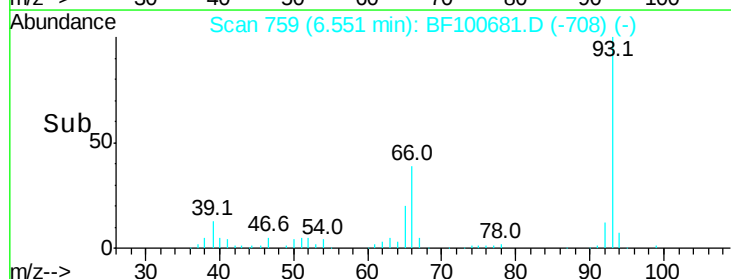
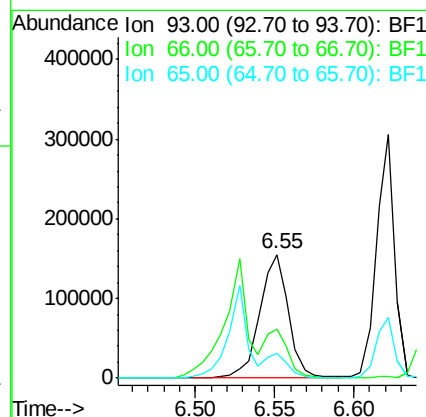
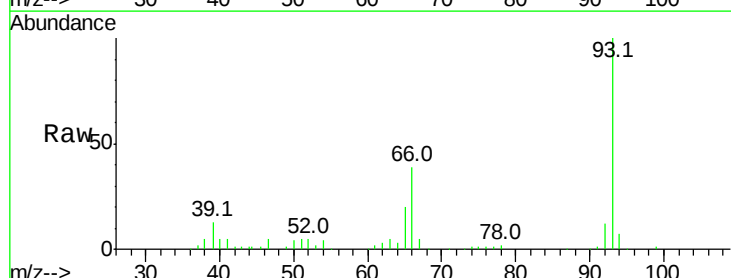
RT: 6.55 min Scan# 759

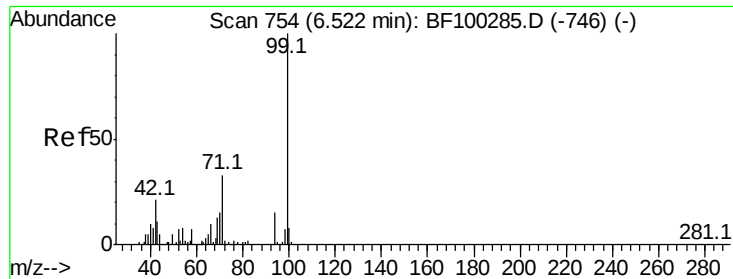
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	93	Resp:	197706
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.2	48.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 119.467 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

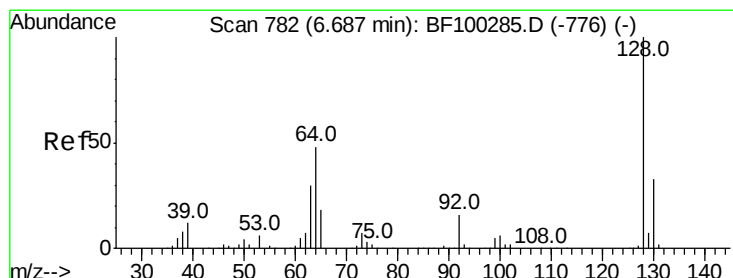
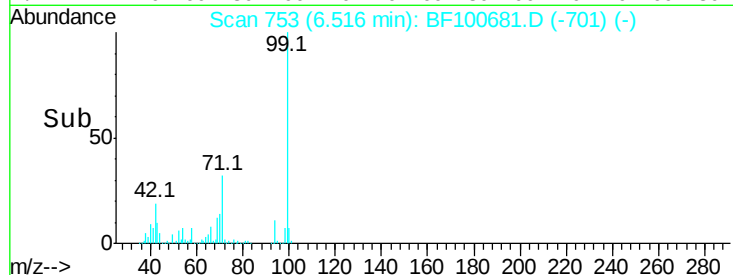
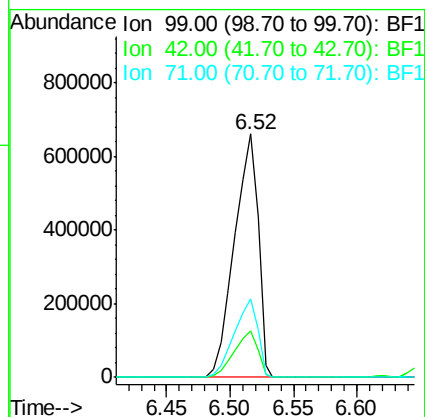
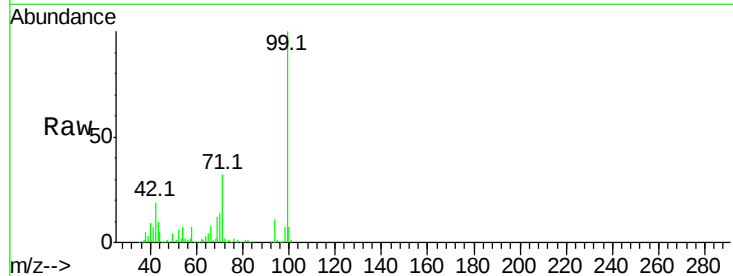
ClientSampleId :

PB104282BS

Tot Ion	99	Resp	850849
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.890 ng

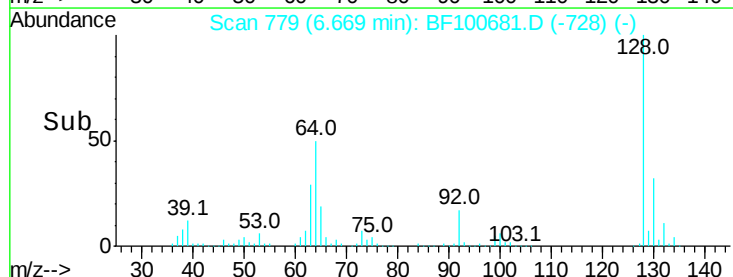
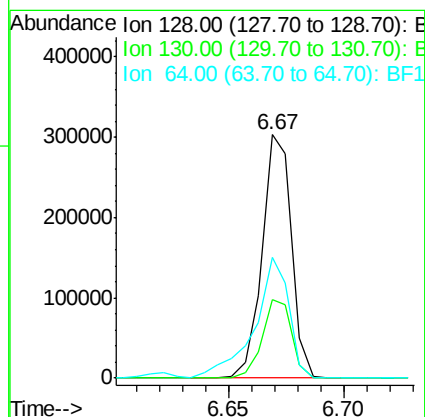
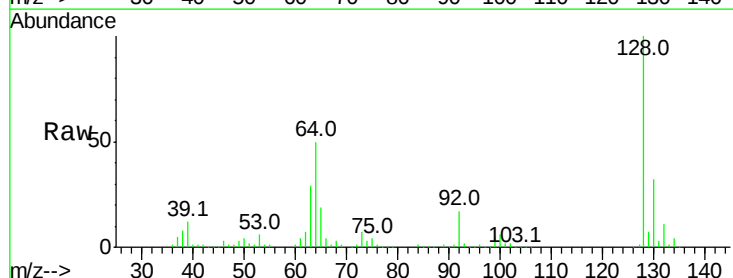
RT: 6.67 min Scan# 779

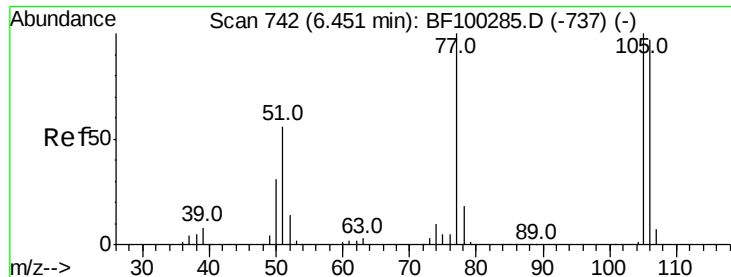
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion	128	Resp	268167
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	49.8	29.4	69.4





#9

Benzaldehyde

Concen: 19.539 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

ClientSampleId :

PB104282BS

Tot Ion: 77 Resp: 99378

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

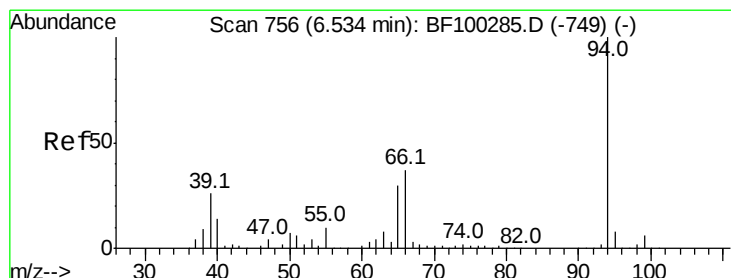
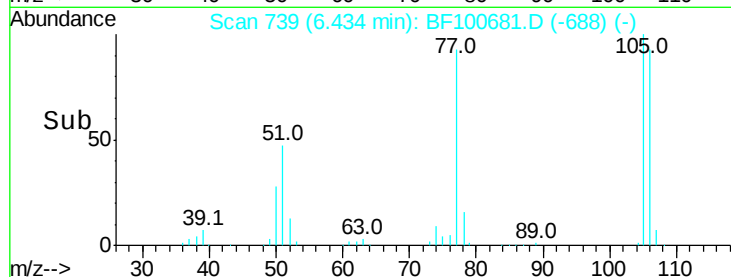
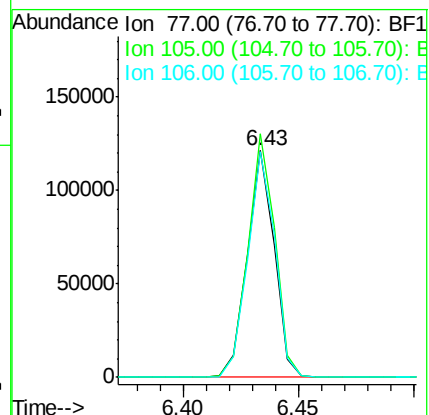
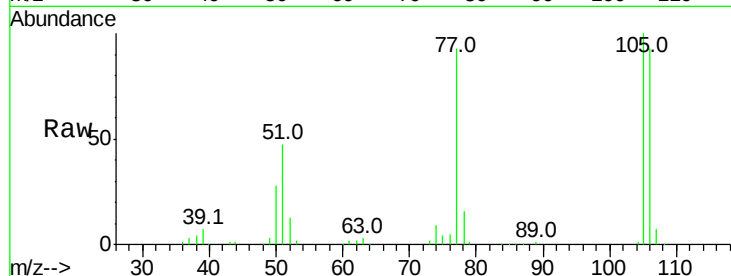
106 100.0 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 42.628 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

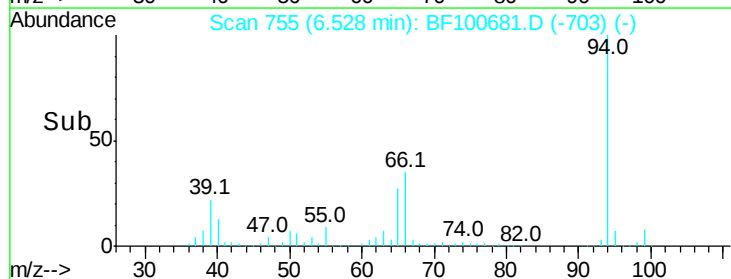
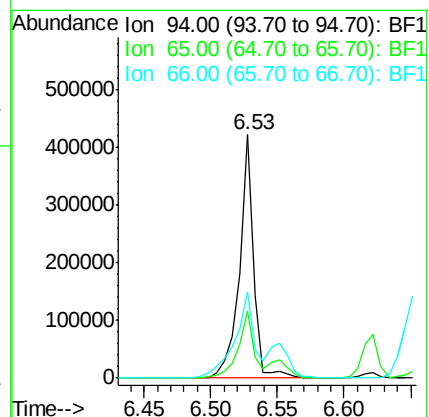
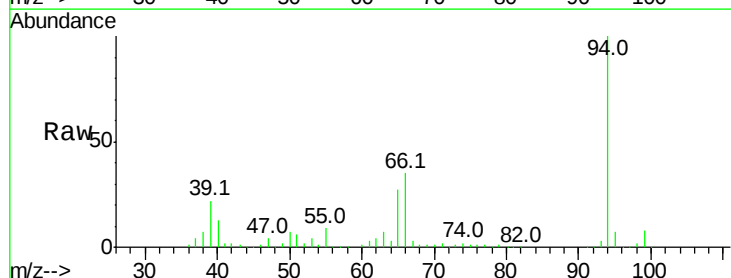
Tgt Ion: 94 Resp: 318715

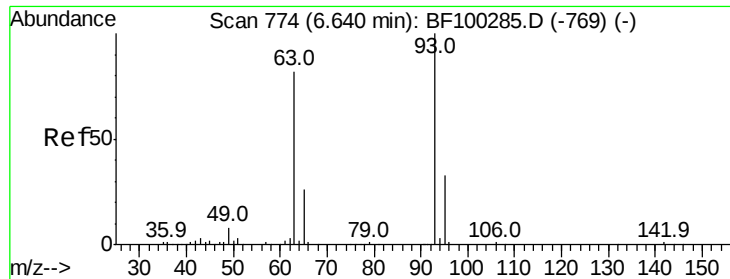
Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

66 35.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.502 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

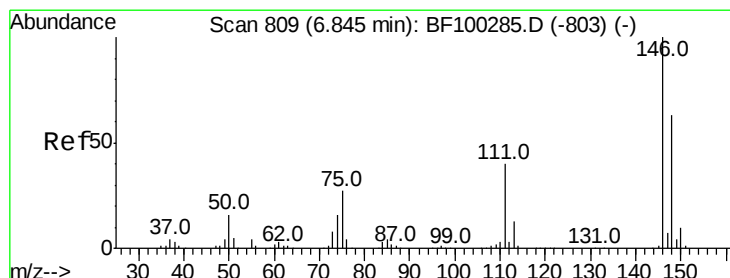
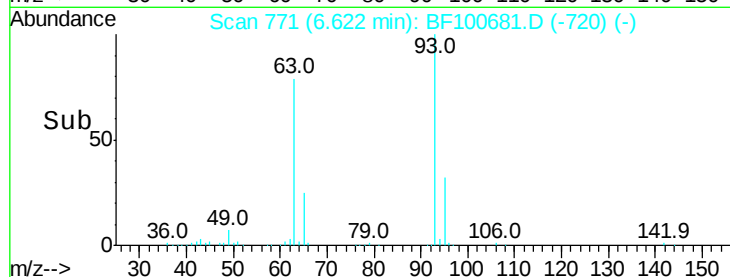
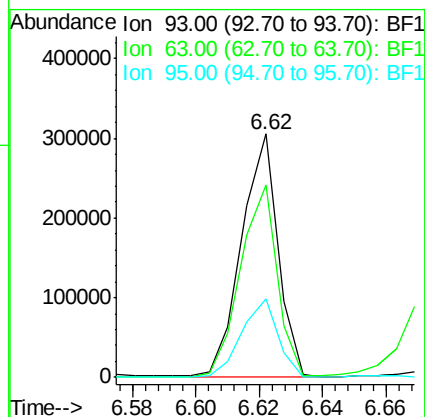
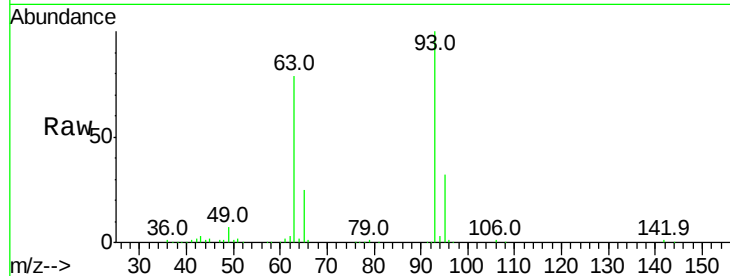
ClientSampleId :

PB104282BS

Tot Ion	93	Resp	241797
Ion Ratio	100	Lower	Upper
93	100		
63	79.2	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 42.263 ng m

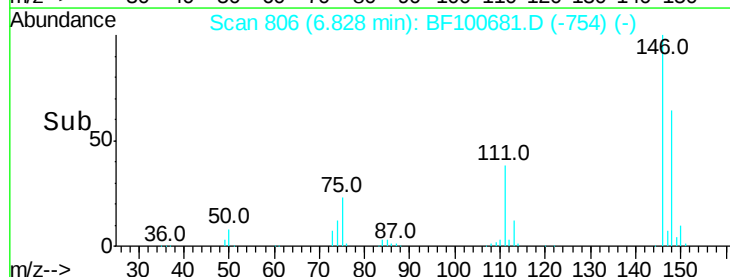
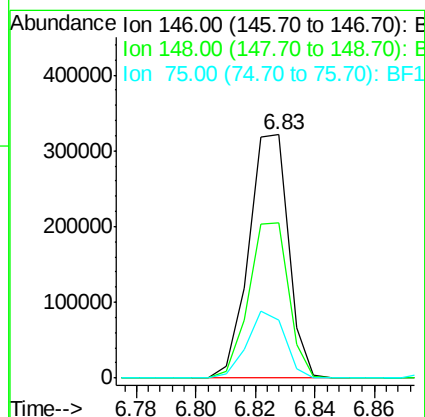
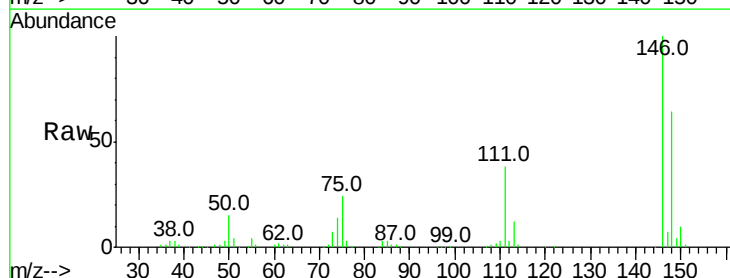
RT: 6.83 min Scan# 806

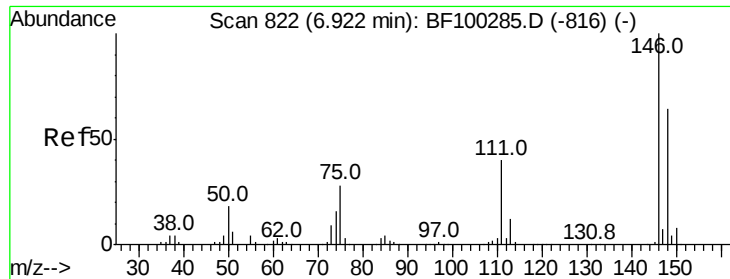
Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion	146	Resp	297719
Ion Ratio	100	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	24.1	24.2	36.4#





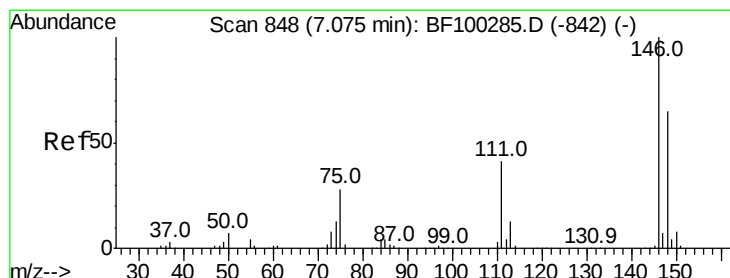
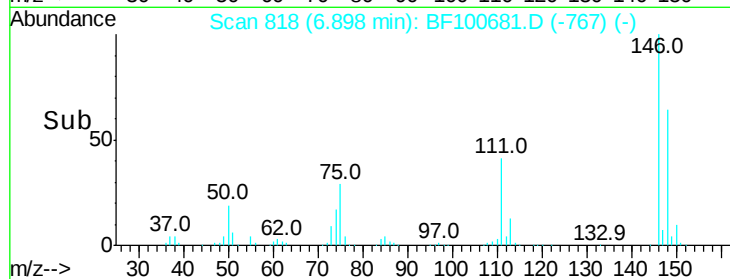
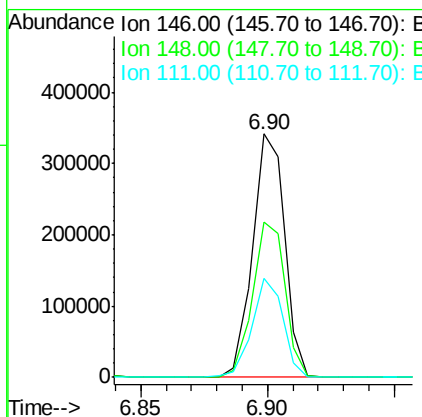
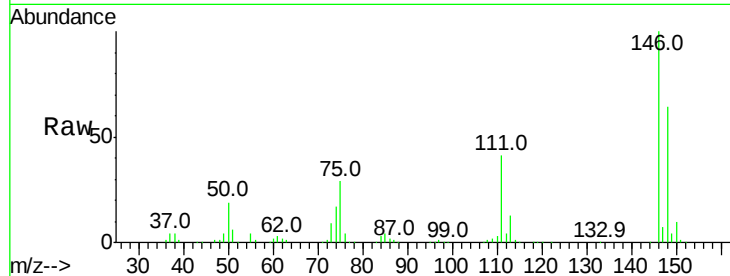
#13
 1,4-Dichlorobenzene
 Concen: 42.400 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	40.7	34.2	51.2

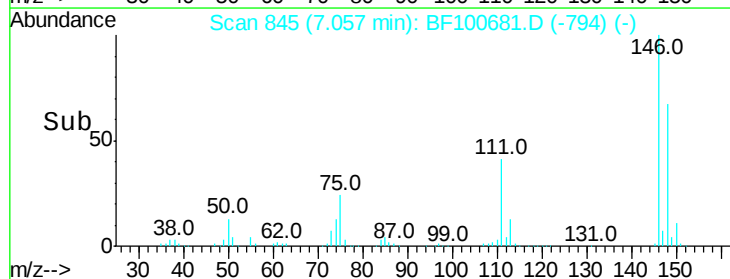
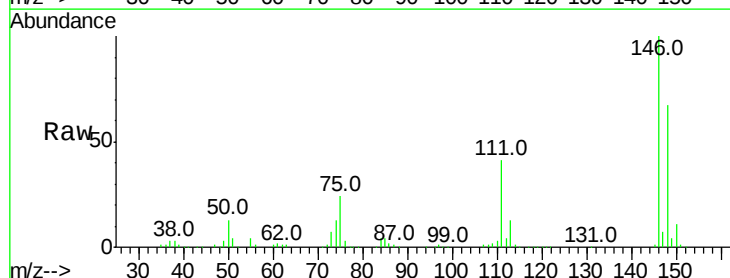
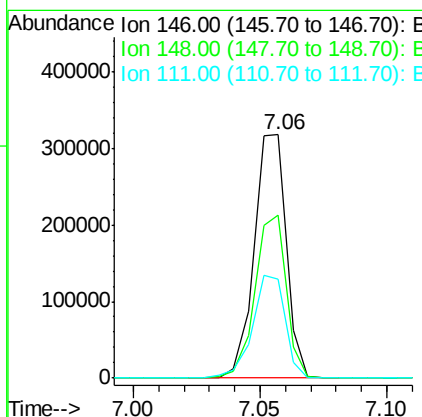
Manual Integrations
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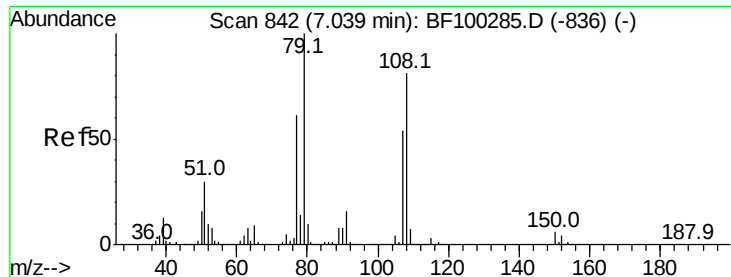
SOHIL
 11/20/2017 2:51:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.870 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.6	75.8
111	40.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.824 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

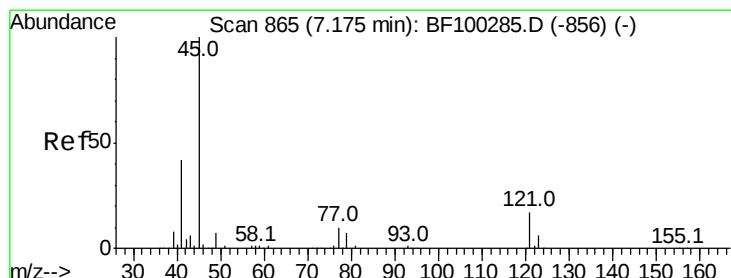
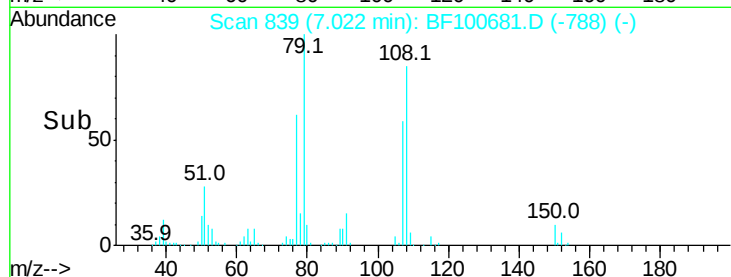
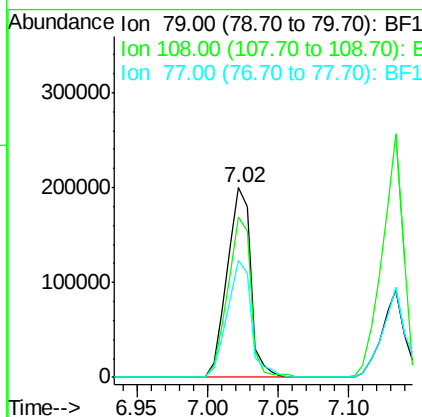
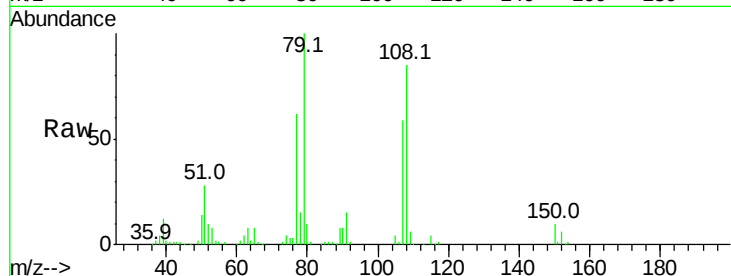
ClientSampleId :

PB104282BS

Tot Ion:	79	Resp:	232479
Ion Ratio	Lower	Upper	
79	100		
108	84.6	65.1	97.7
77	62.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.413 ng

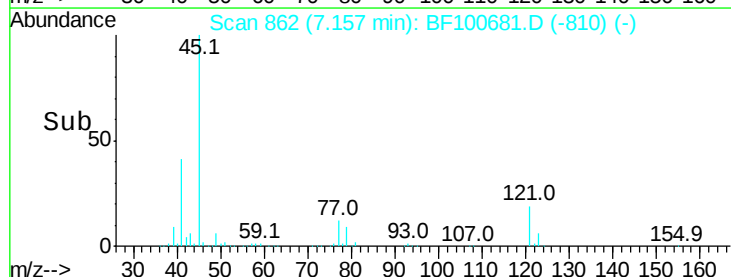
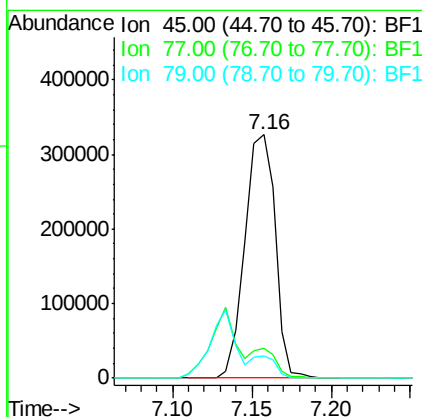
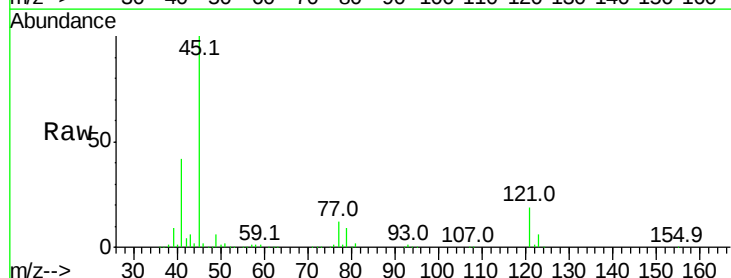
RT: 7.16 min Scan# 862

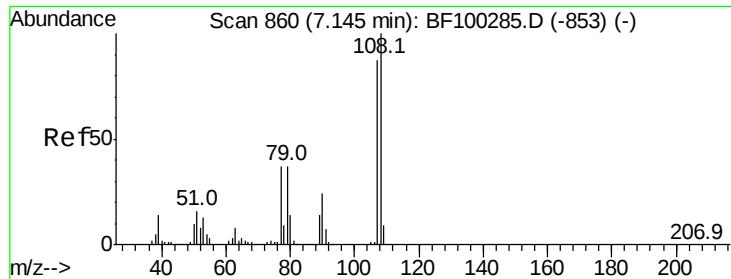
Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	45	Resp:	436054
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	32.9
79	9.4	0.0	29.6





#17

2-Methylphenol

Concen: 44.835 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

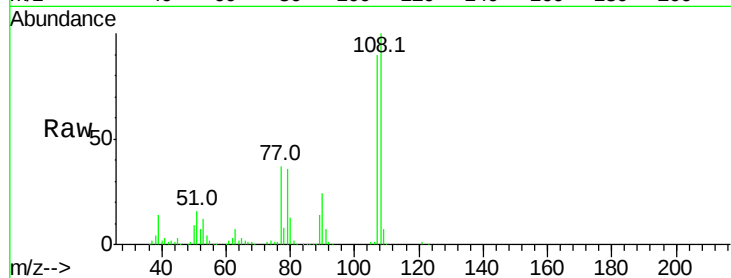
ClientSampleId :

PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	91.7	137.5	
77	40.8	33.8	50.8	
79	39.9	33.8	50.8	

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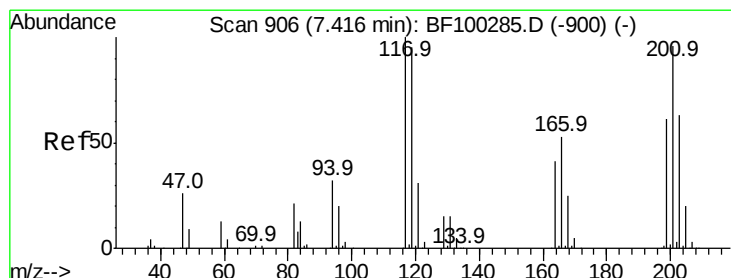
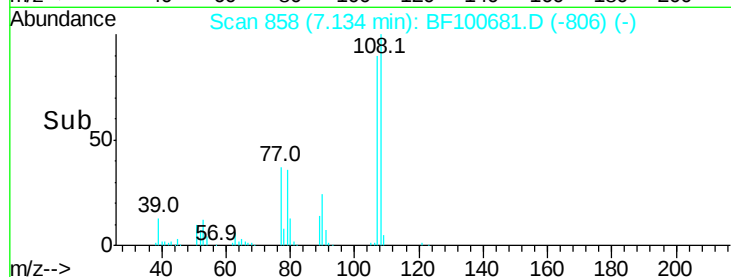
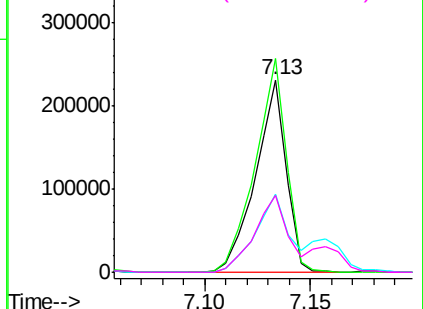


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.962 ng

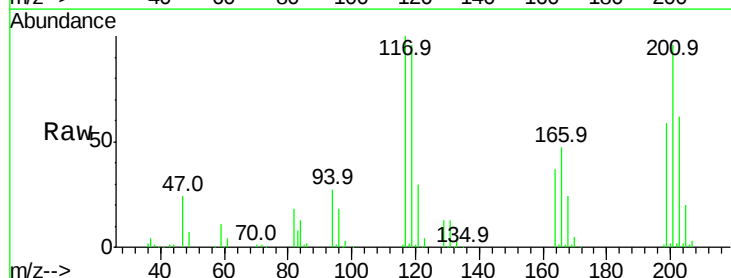
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

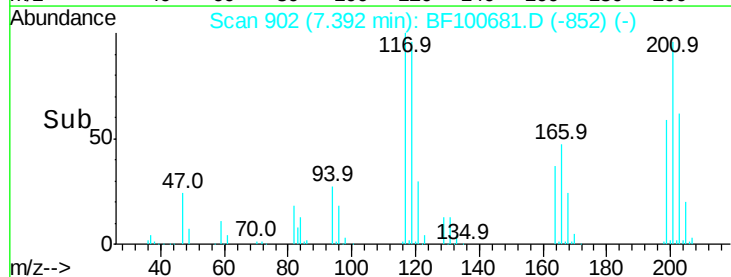
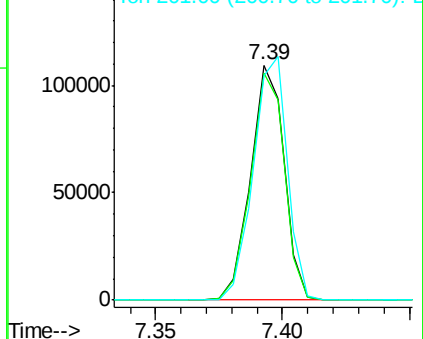
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.8	113.8	
201	95.6	75.7	113.5	

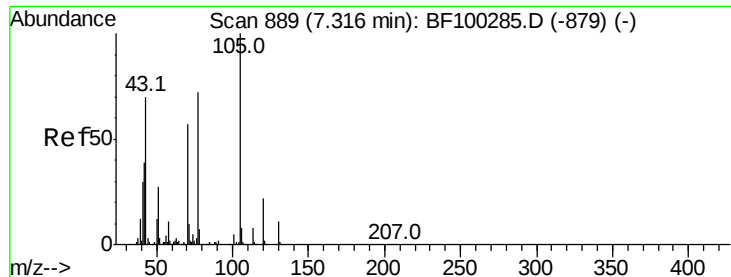


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





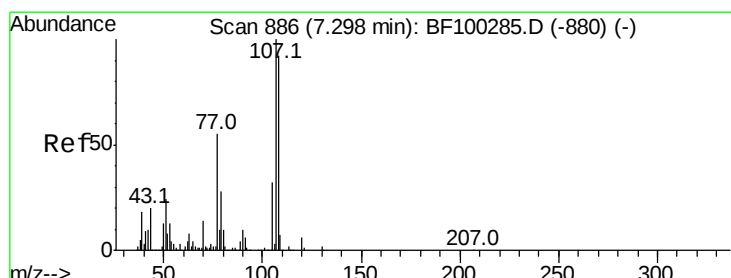
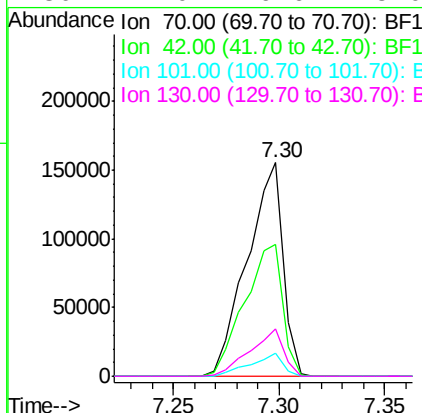
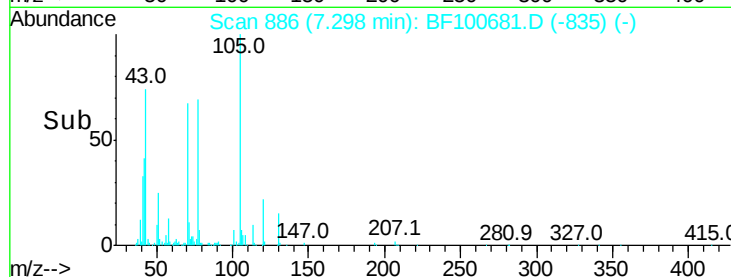
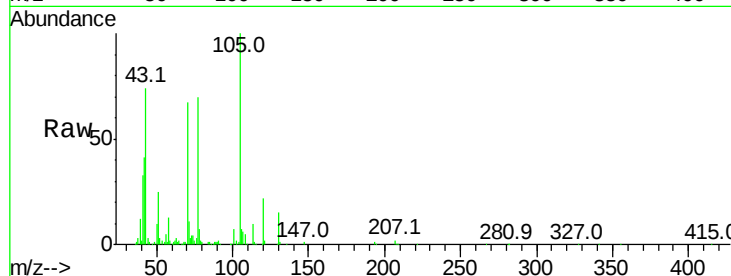
#19
n-Nitroso-di-n-propylamine
Concen: 37.214 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	70	Resp	183807
Ion Ratio	Lower	Upper	
70	100		
42	61.6	47.5	71.3
101	10.6	7.4	11.2
130	22.0	16.6	25.0

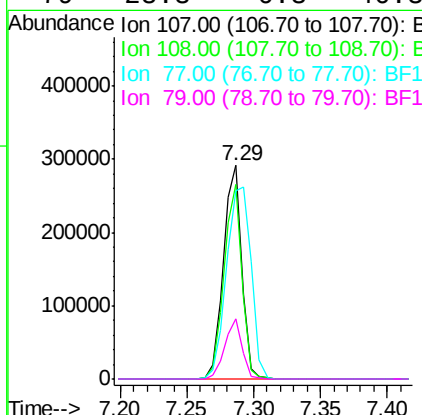
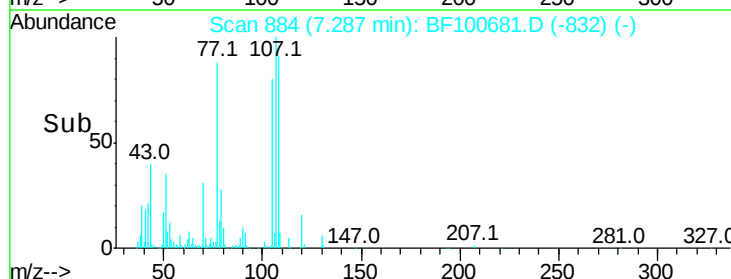
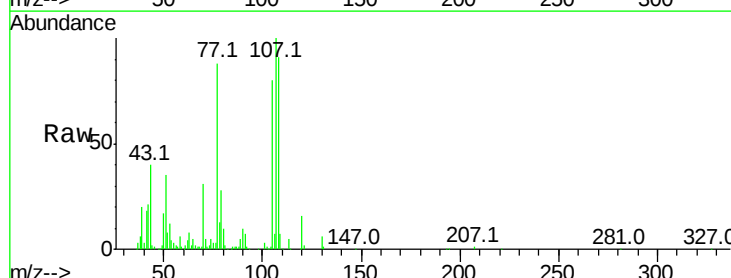
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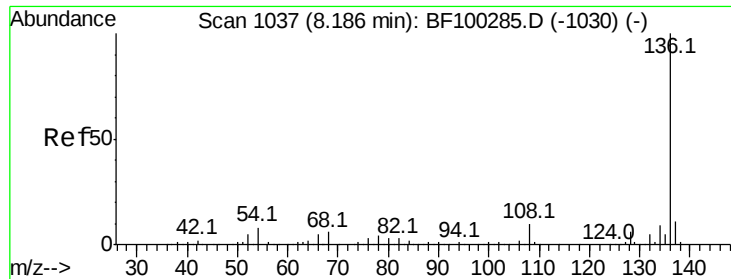
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#20
3+4-Methylphenols
Concen: 43.071 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	107	Resp	284584
Ion Ratio	Lower	Upper	
107	100		
108	91.3	68.2	108.2
77	88.0	26.7	66.7#
79	28.3	6.3	46.3





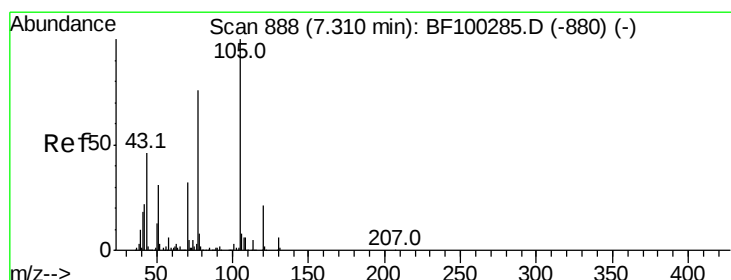
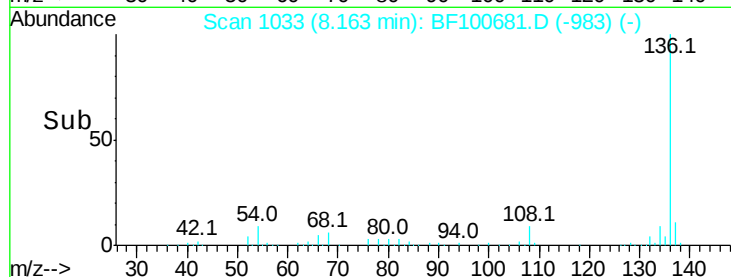
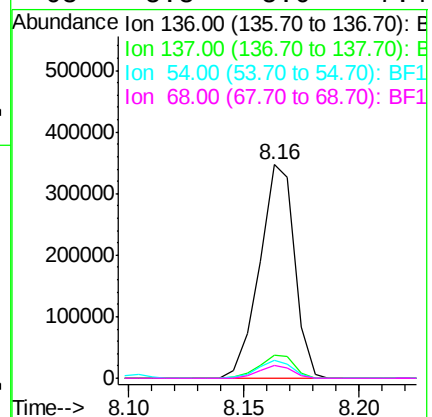
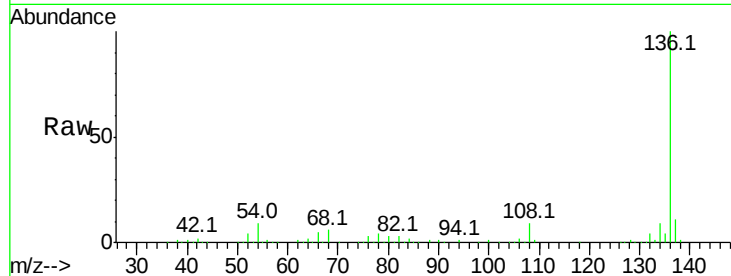
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	8.6	6.6	9.8	
68	5.8	5.0	7.4	

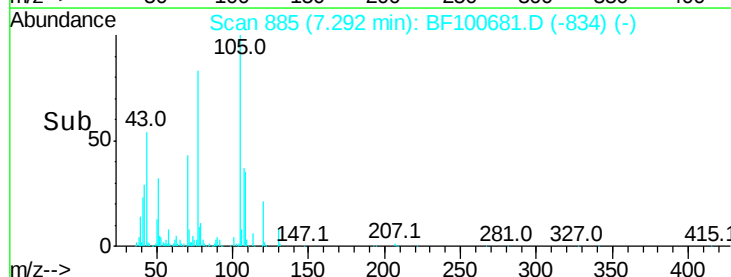
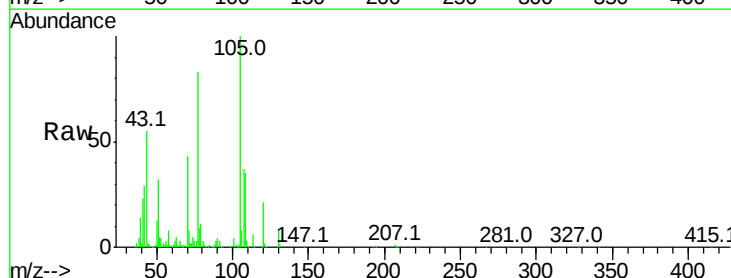
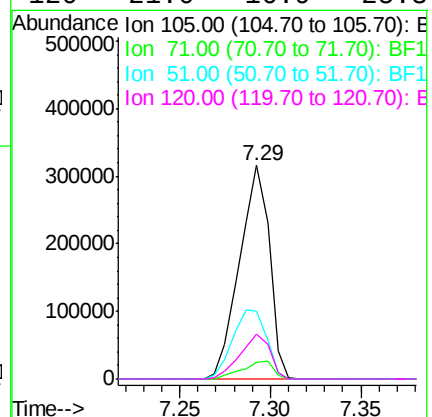
Manual Integrations
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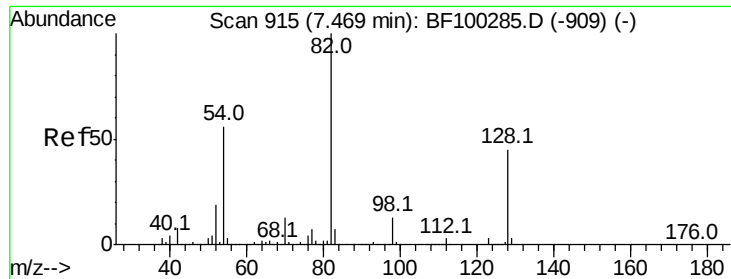
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#22
Acetophenone
Concen: 40.803 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6#	
51	32.0	22.3	33.5	
120	21.0	16.9	25.3	





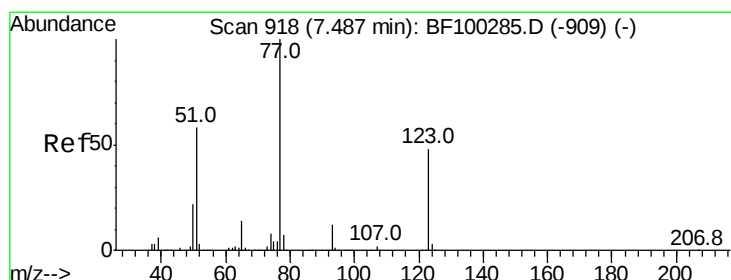
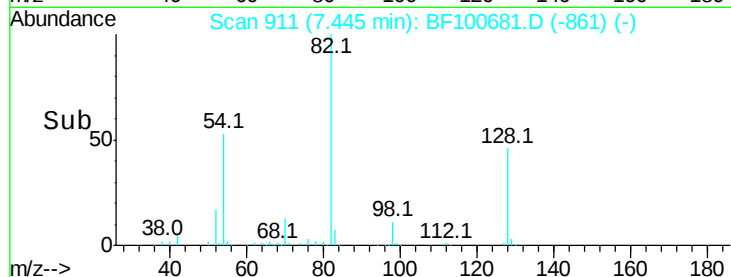
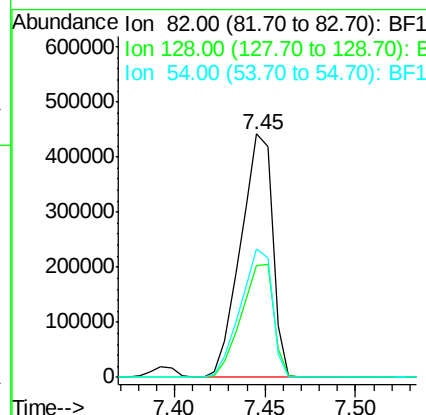
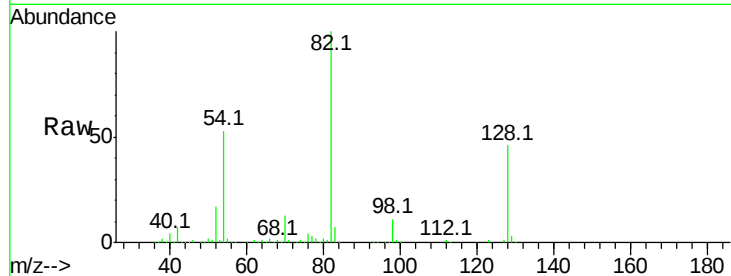
#23
Nitrobenzene-d5
Concen: 98.122 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleID :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	541887		
128	46.1	36.1	54.1	
54	52.9	41.4	62.2	

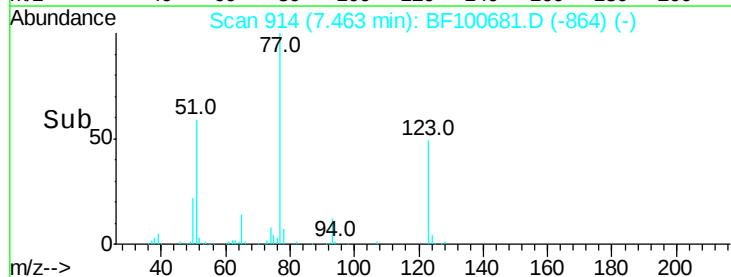
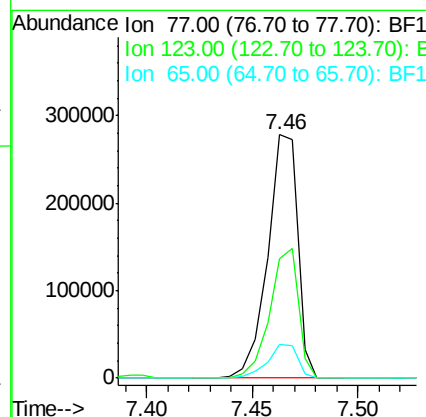
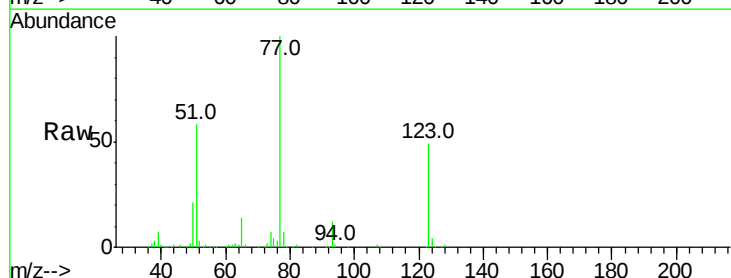
Manual Integrations
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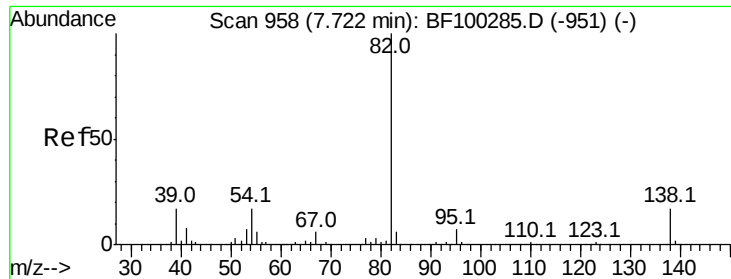
SOHIL
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#24
Nitrobenzene
Concen: 48.477 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	275550		
123	49.1	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 44.079 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

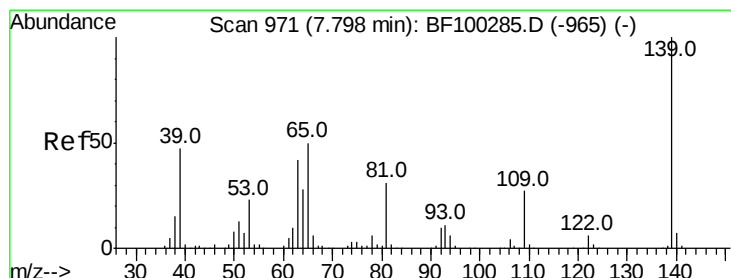
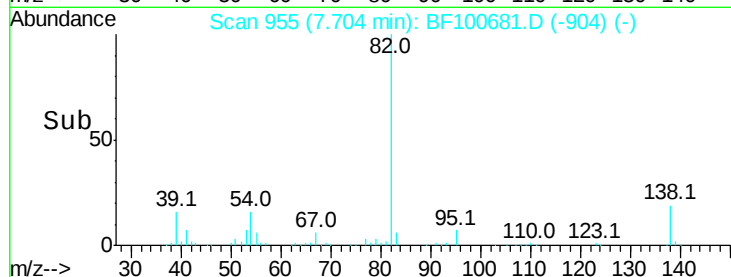
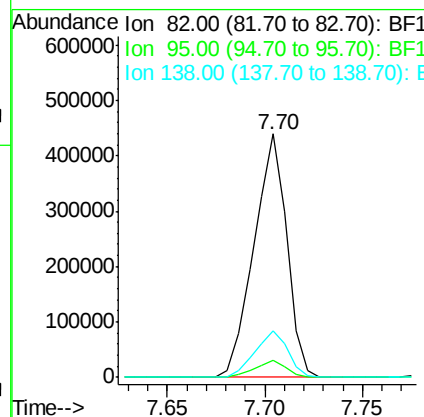
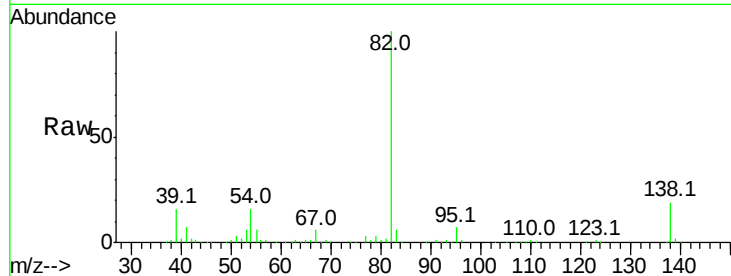
ClientSampleId :

PB104282BS

Tot Ion:	82	Resp:	511542
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.553 ng

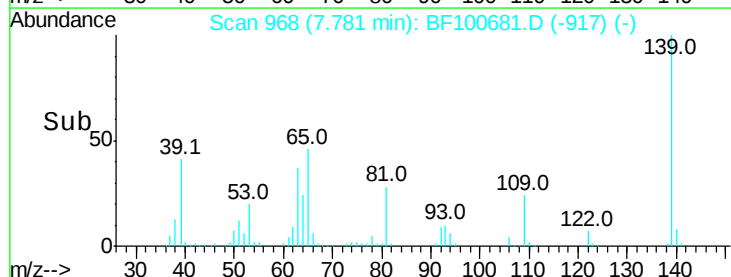
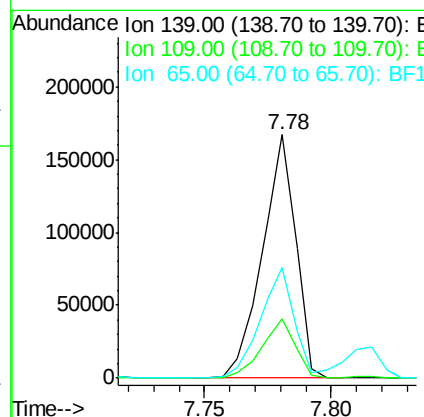
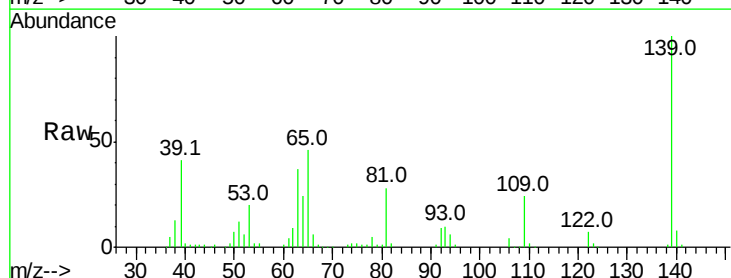
RT: 7.78 min Scan# 968

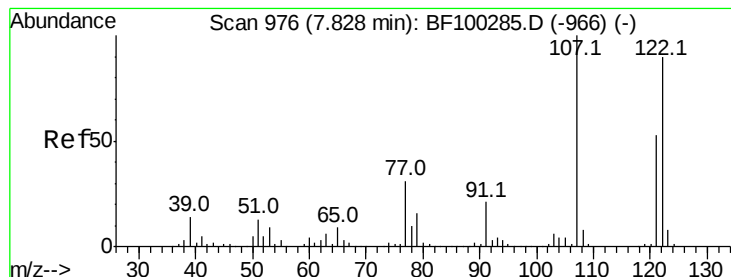
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	139	Resp:	153593
Ion Ratio	Lower	Upper	
139	100		
109	24.3	22.7	34.1
65	45.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 50.583 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

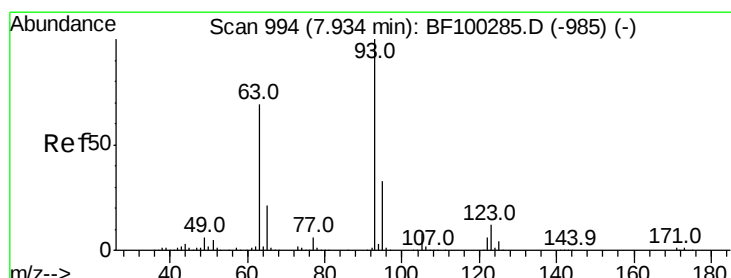
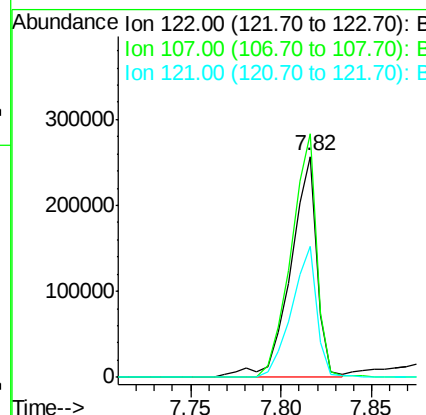
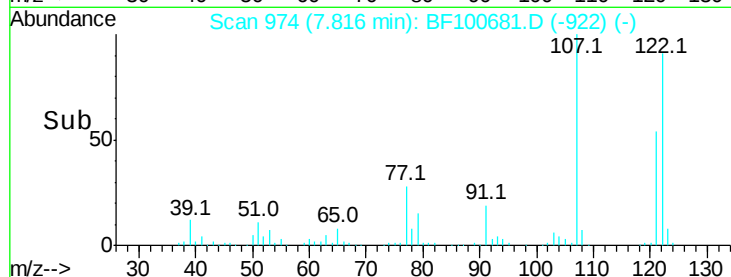
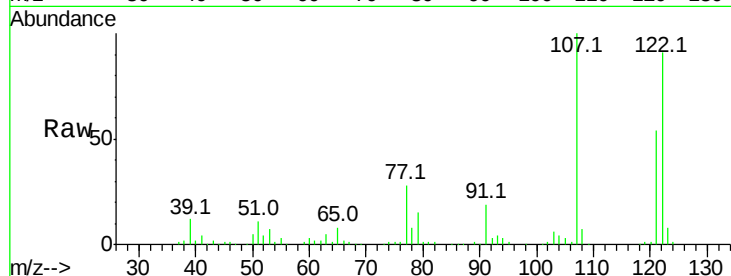
ClientSampleId :

PB104282BS

Tot Ion:	122	Resp:	263154
Ion Ratio	Lower	Upper	
122	100		
107	110.3	91.2	136.8
121	59.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.352 ng

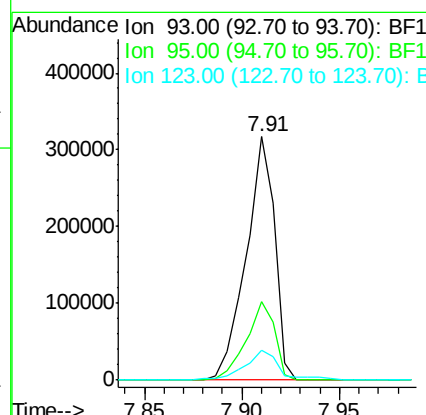
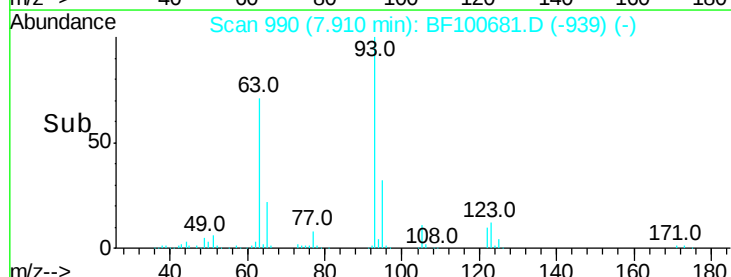
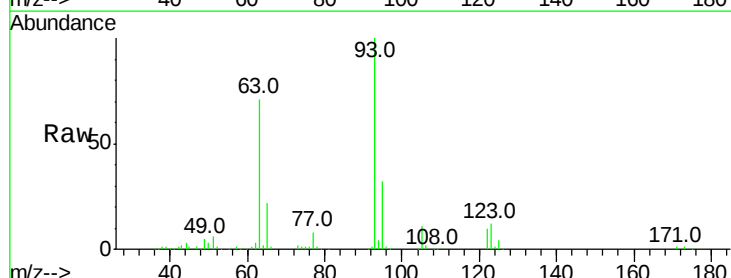
RT: 7.91 min Scan# 990

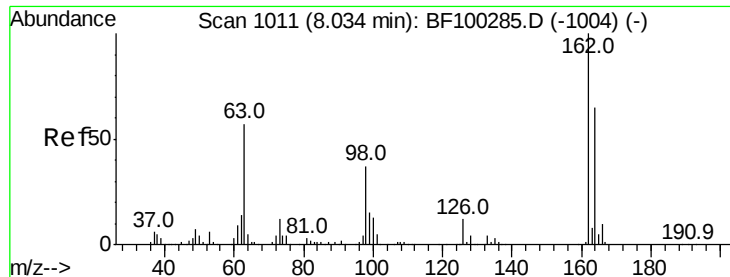
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	93	Resp:	321503
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	12.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 49.929 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

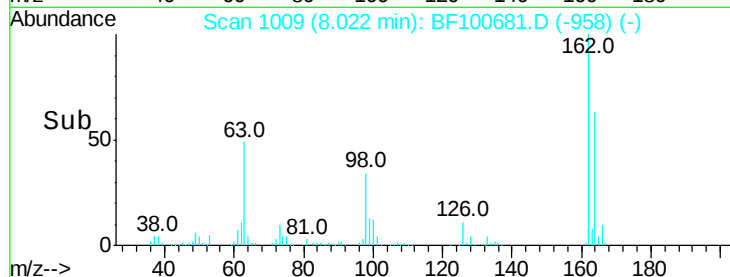
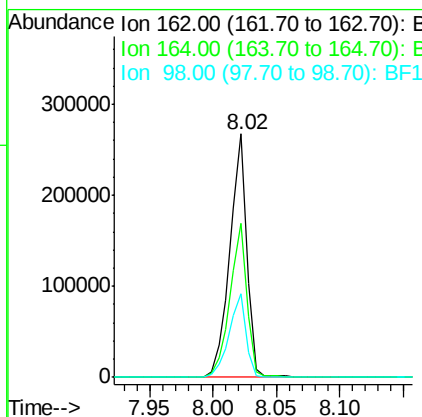
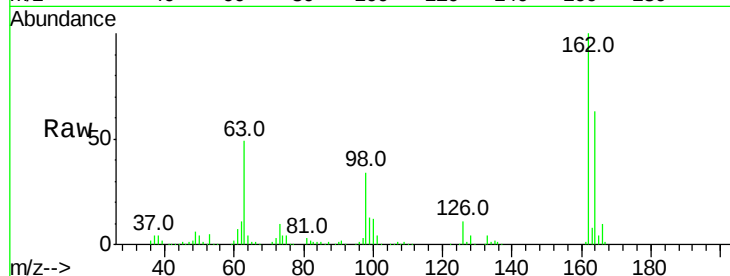
ClientSampleId :

PB104282BS

Tot Ion:	162	Resp:	247970
Ion Ratio	Lower	Upper	
162	100		
164	63.4	42.7	82.7
98	34.5	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 45.911 ng

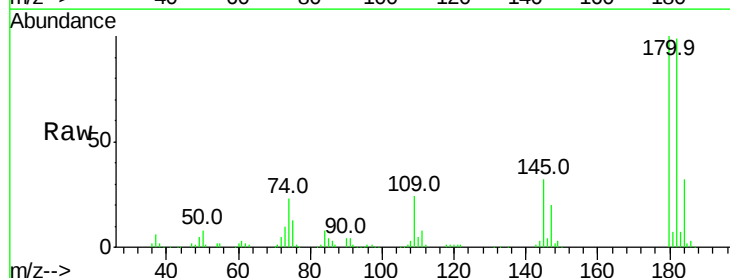
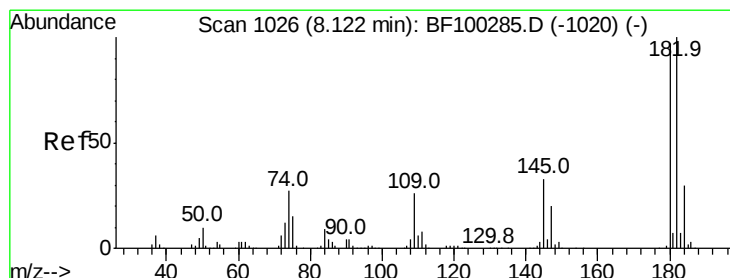
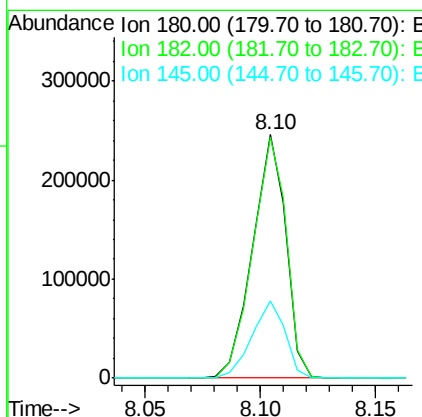
RT: 8.10 min Scan# 1023

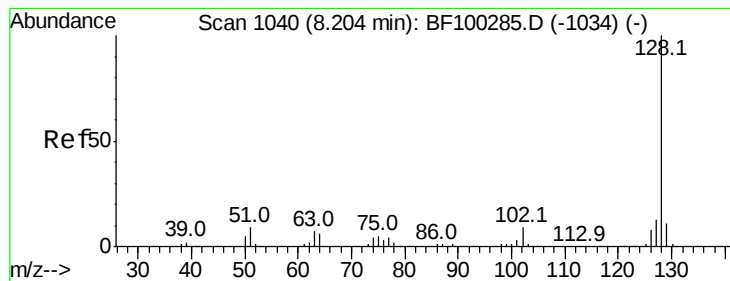
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	180	Resp:	246643
Ion Ratio	Lower	Upper	
180	100		
182	99.1	76.8	115.2
145	31.8	26.5	39.7





#31

Naphthalene

Concen: 44.649 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

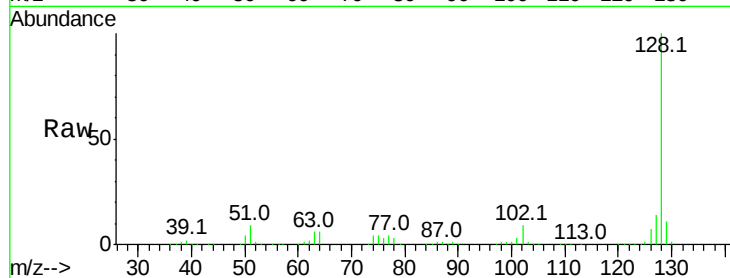
ClientSampleId :

PB104282BS

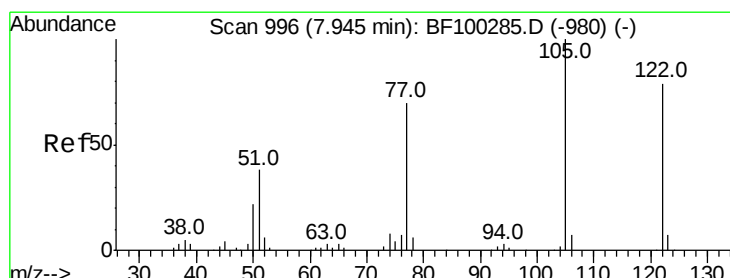
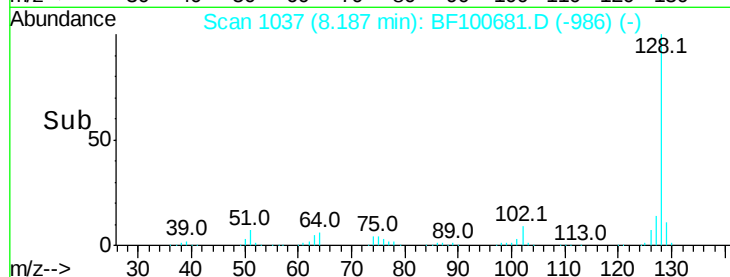
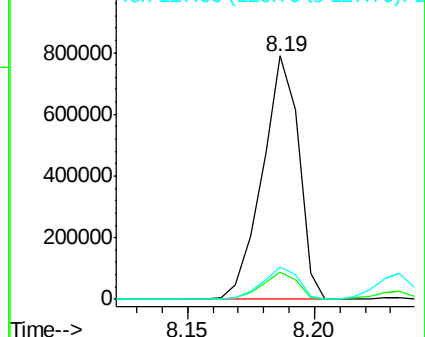
Tot Ion:	128	Resp:	785192
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.6	10.9	16.3

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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: 42.491 ng

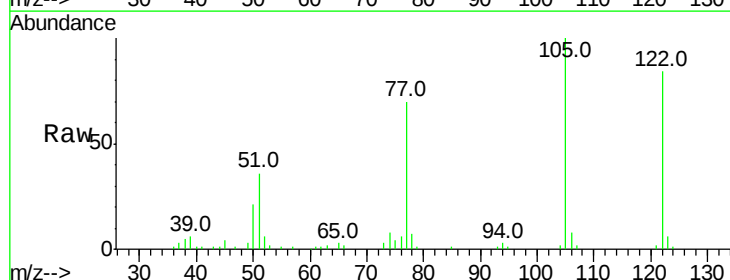
RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

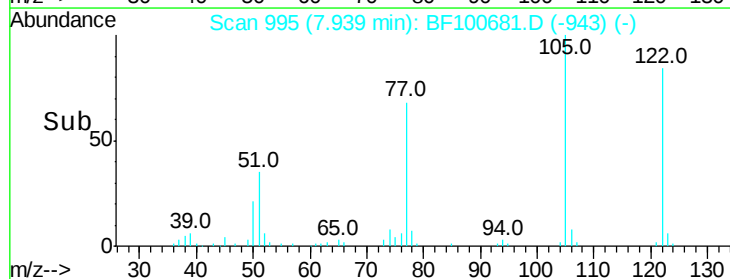
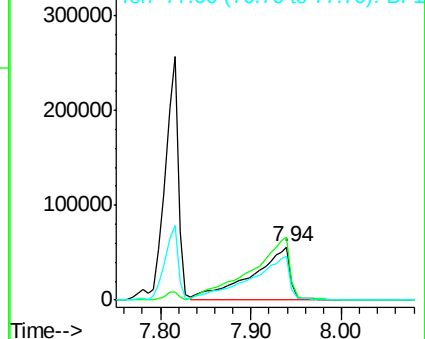
Lab File: BF100681.D

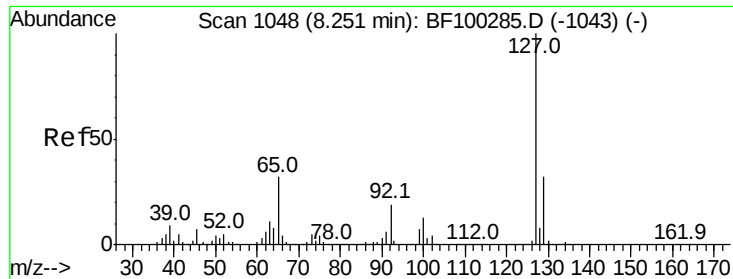
Acq: 17 Nov 2017 18:49

Tgt Ion:	122	Resp:	163951
Ion Ratio	Lower	Upper	
122	100		
105	118.9	101.1	141.1
77	83.0	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





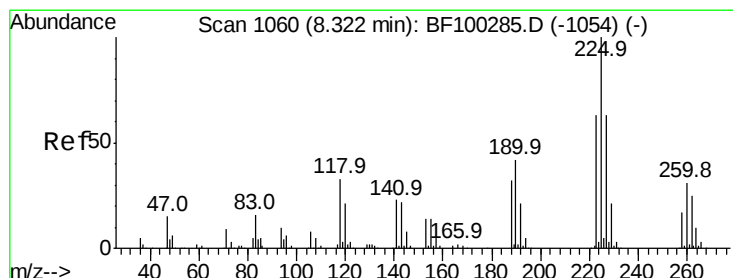
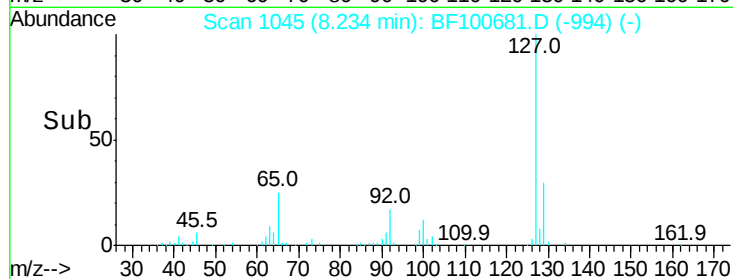
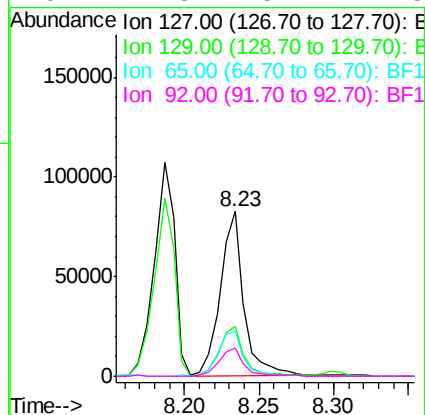
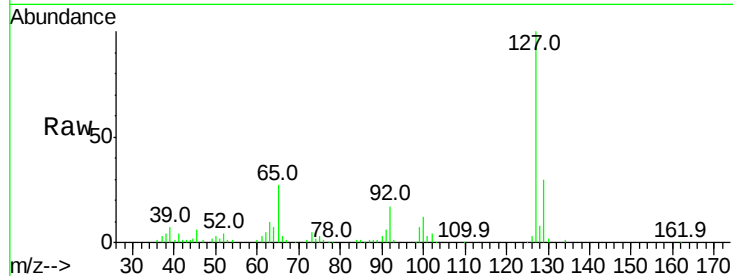
#33
4-Chloroaniline
Concen: 12.494 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	27.0	25.0	37.4
92	17.3	15.2	22.8

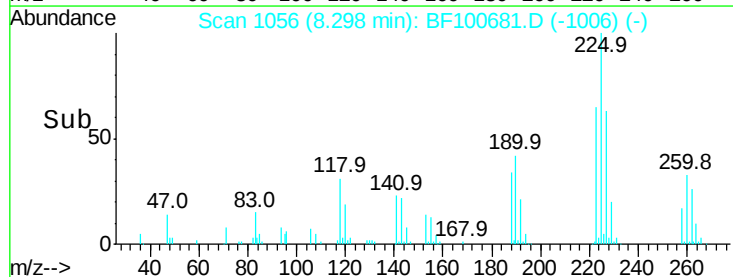
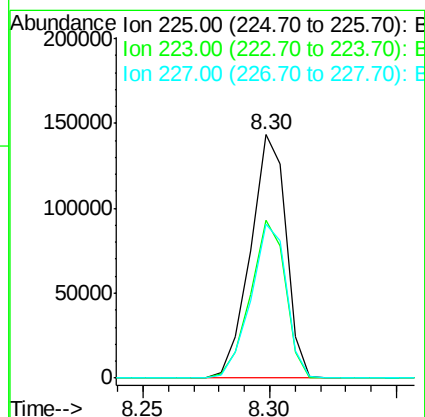
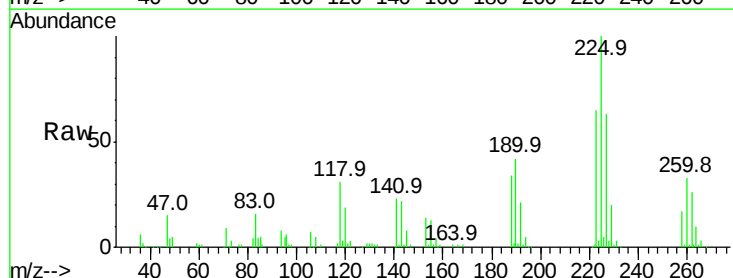
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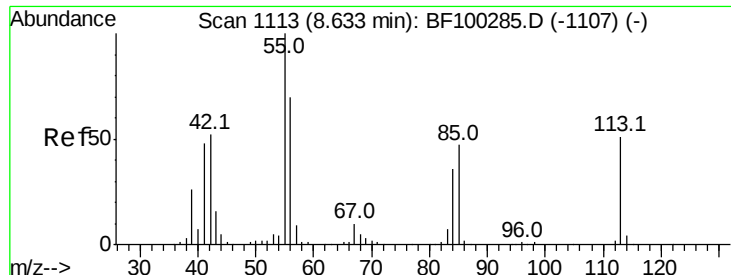
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#34
Hexachlorobutadiene
Concen: 43.980 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	63.3	51.9	77.9





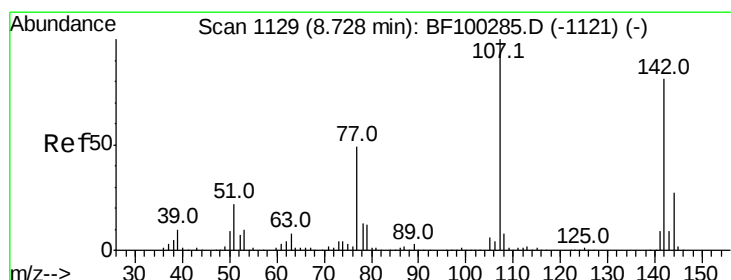
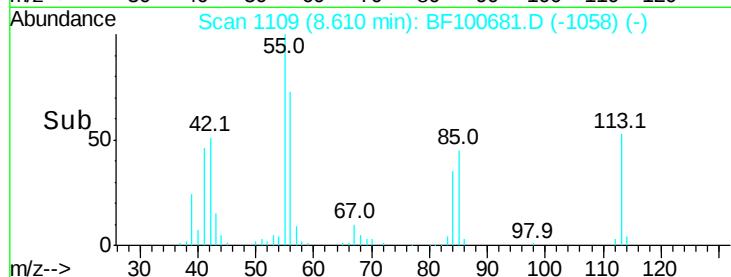
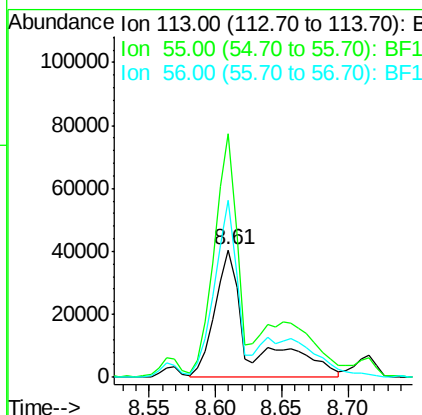
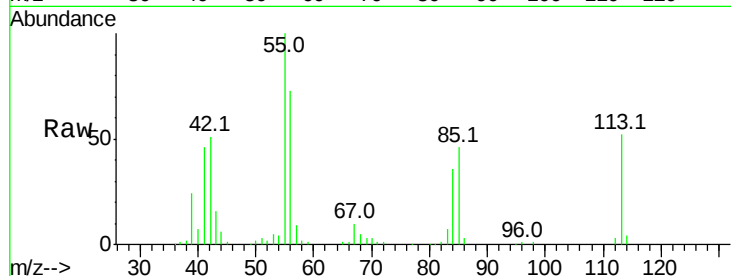
#35
 Caprolactam
 Concen: 44.308 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleID :
 PB104282BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	190.7	163.3	203.3	
56	138.8	115.7	155.7	

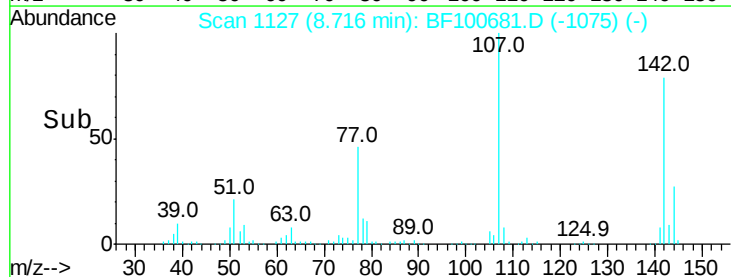
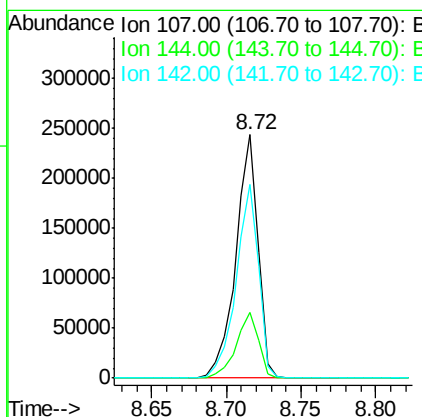
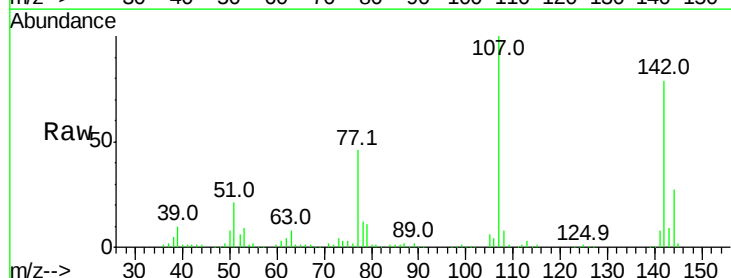
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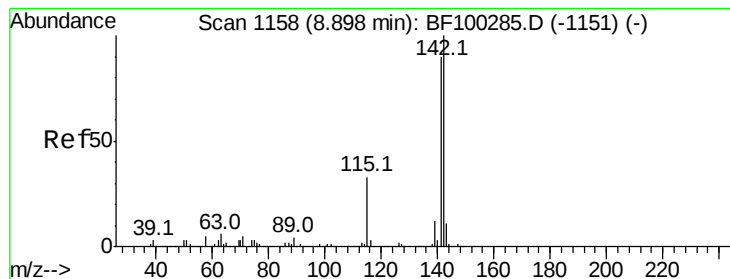
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#36
 4-Chloro-3-methylphenol
 Concen: 47.592 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.1	20.5	30.7	
142	79.3	62.0	93.0	





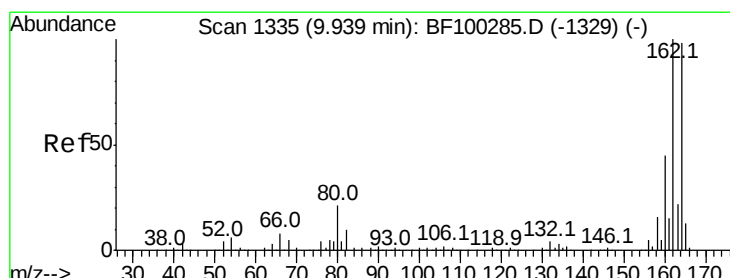
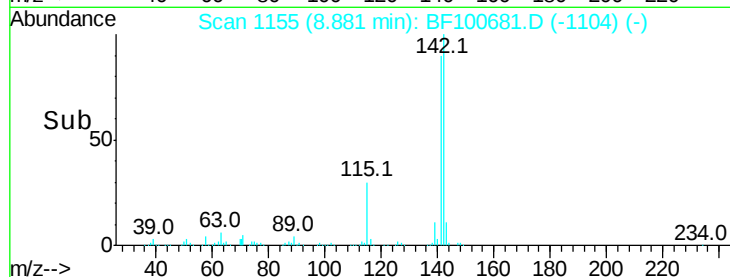
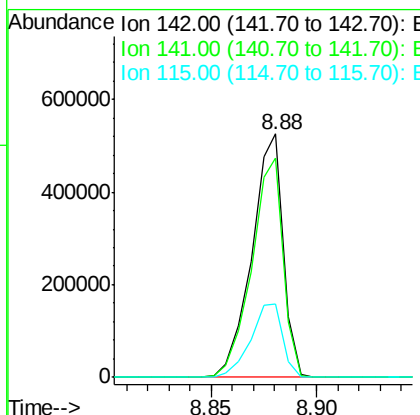
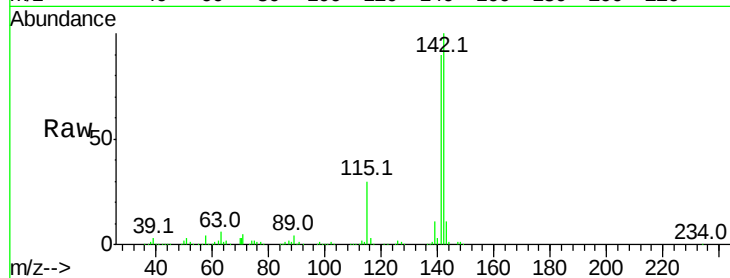
#37
2-Methylnaphthalene
Concen: 46.260 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	540095		
141	89.8		70.8	106.2
115	30.1		26.1	39.1

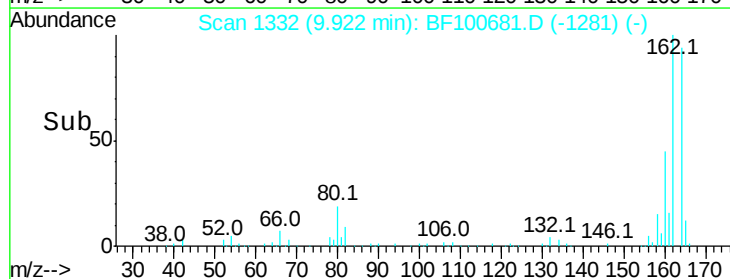
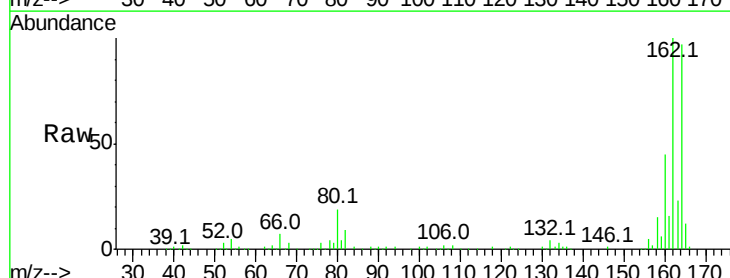
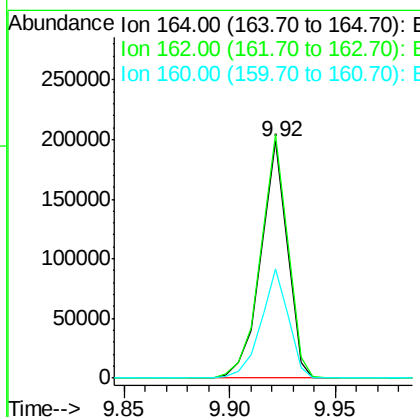
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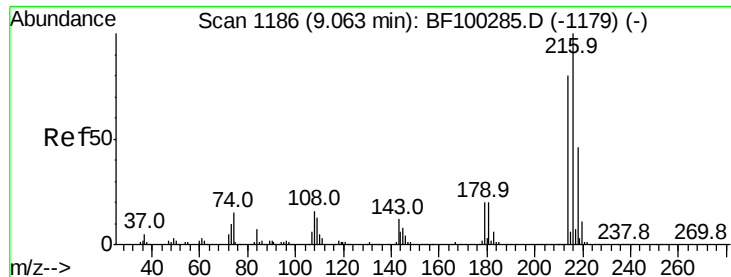
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175064		
162	102.9		86.1	129.1
160	46.1		38.3	57.5





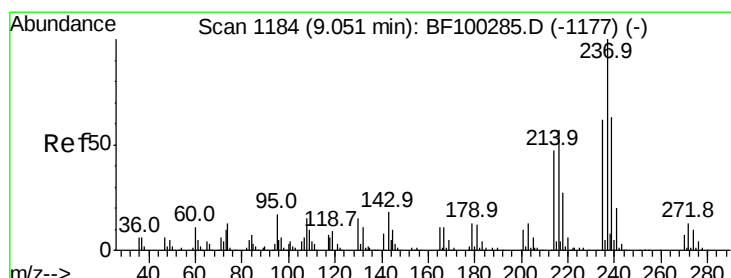
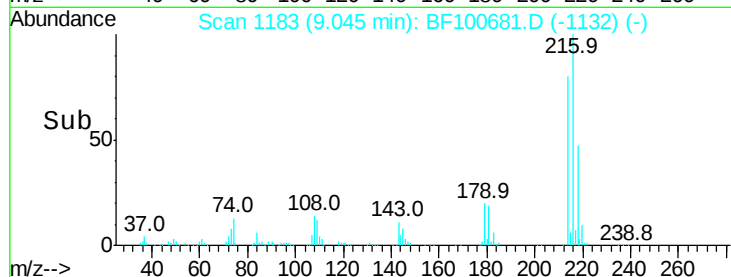
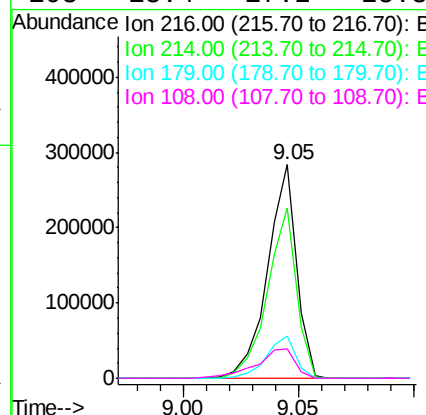
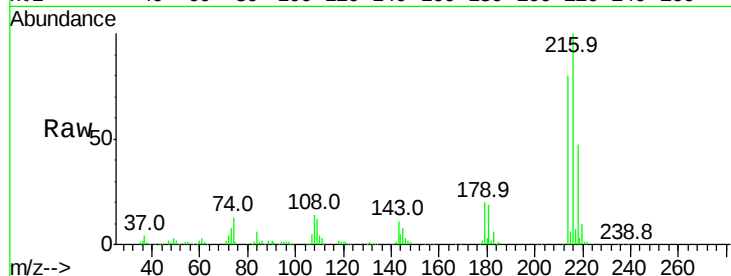
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.822 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	248627		
214	79.8	63.0	94.4	
179	20.3	18.1	27.1	
108	18.4	17.2	25.8	

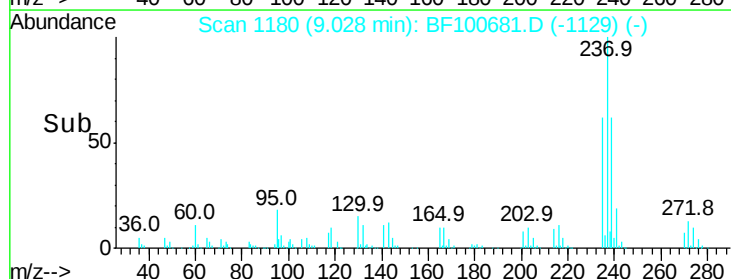
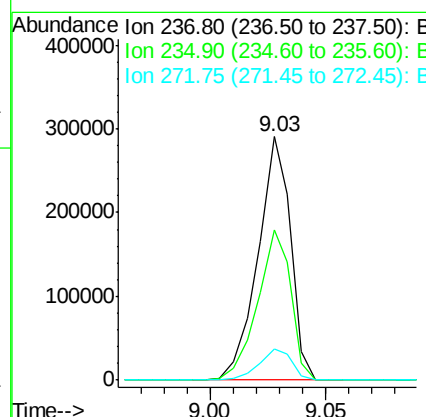
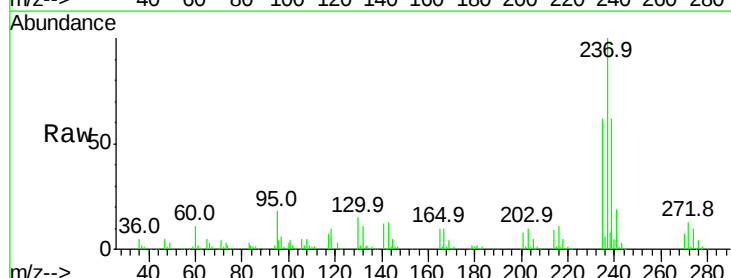
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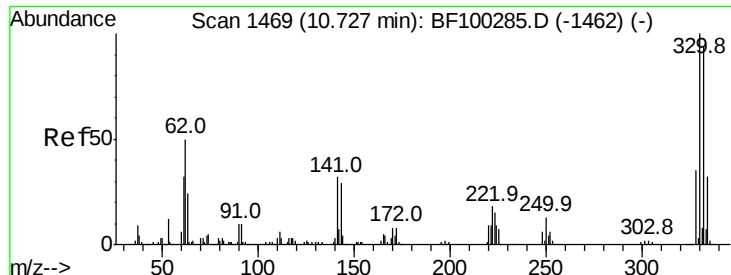
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#40
 Hexachlorocyclopentadiene
 Concen: 104.889 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	286618		
235	61.9	44.8	84.8	
272	12.7	0.0	33.3	





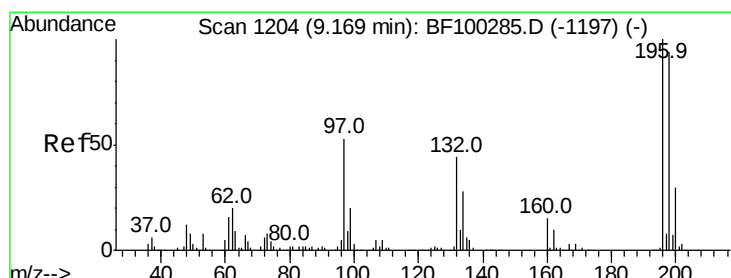
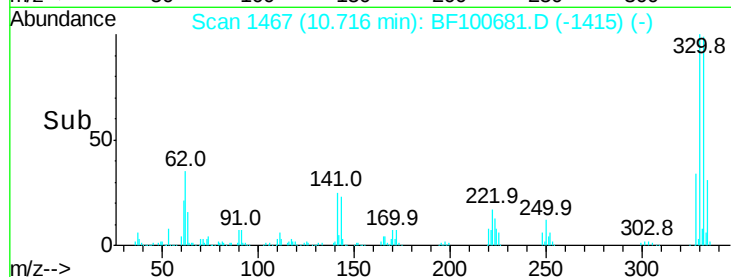
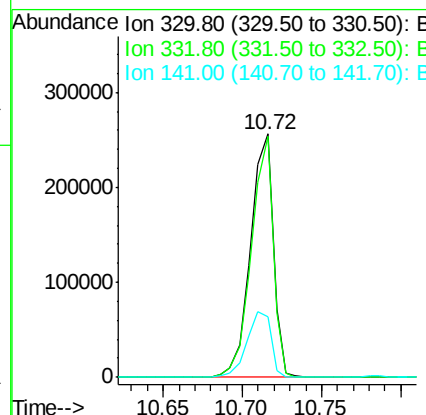
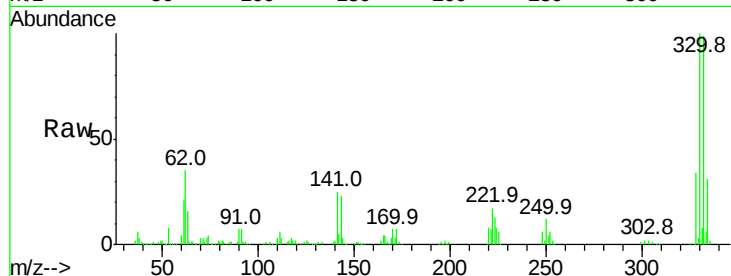
#41
 2,4,6-Tribromophenol
 Concen: 143.553 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	256084		
332	94.8	77.0	115.6	
141	28.5	29.9	44.9	

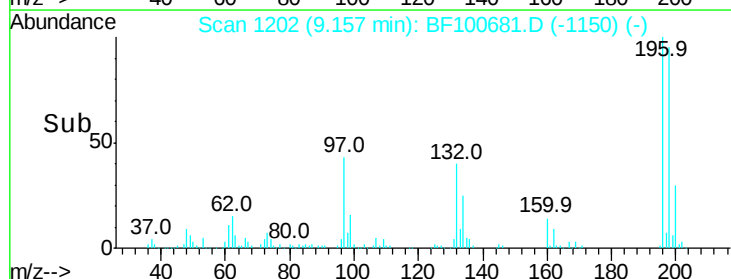
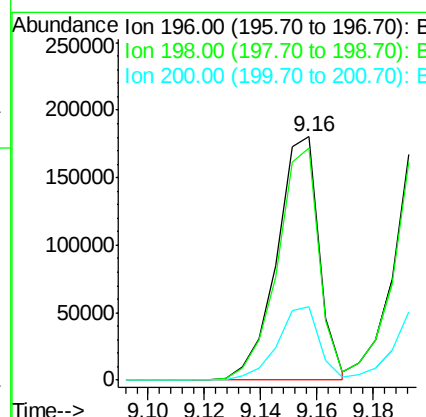
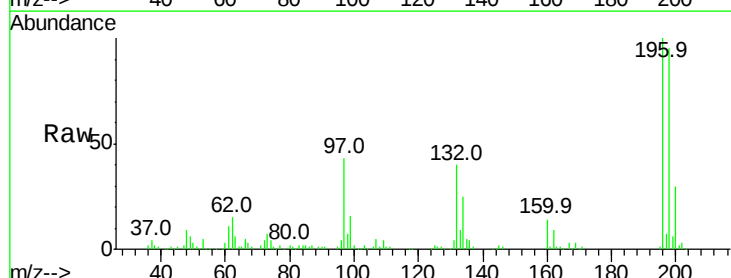
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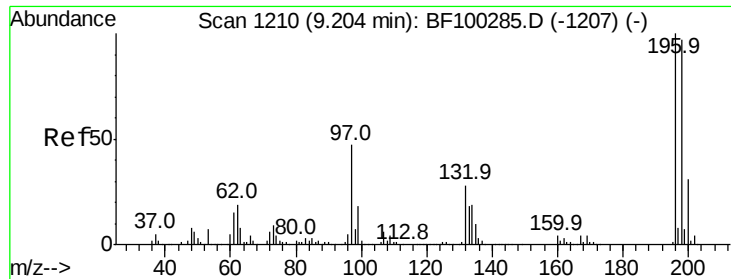
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#42
 2,4,6-Trichlorophenol
 Concen: 50.891 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187267		
198	95.3	75.7	113.5	
200	30.4	24.5	36.7	





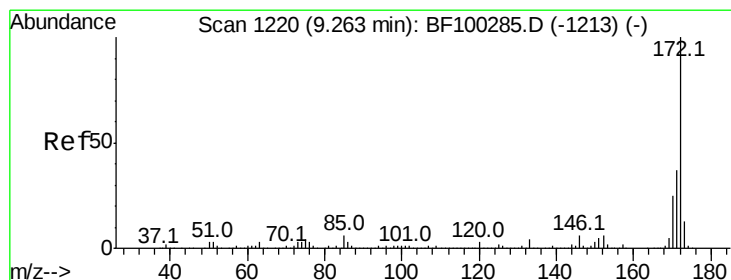
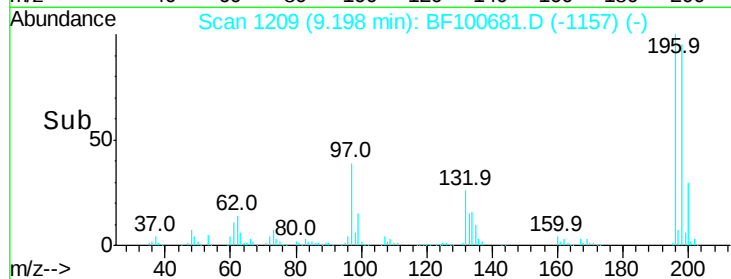
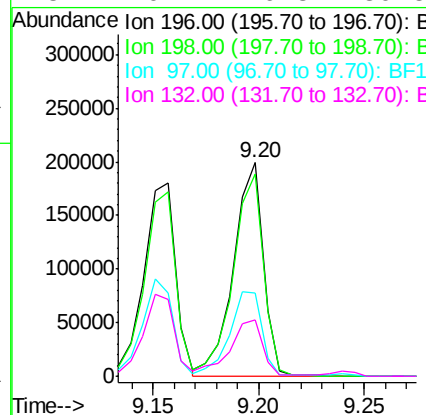
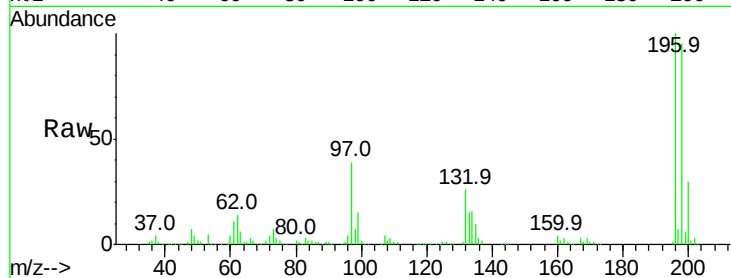
#43
 2,4,5-Trichlorophenol
 Concen: 51.115 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194878		
198	94.8	74.6	112.0	
97	38.9	42.9	64.3	#
132	26.4	26.3	39.5	

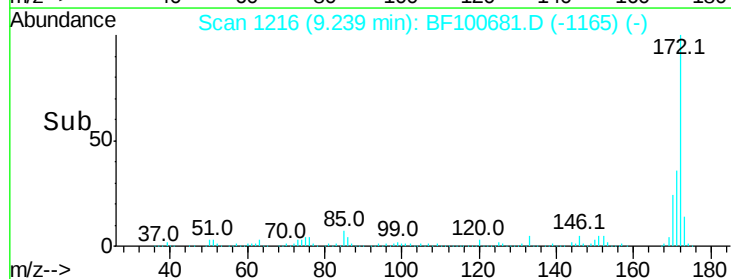
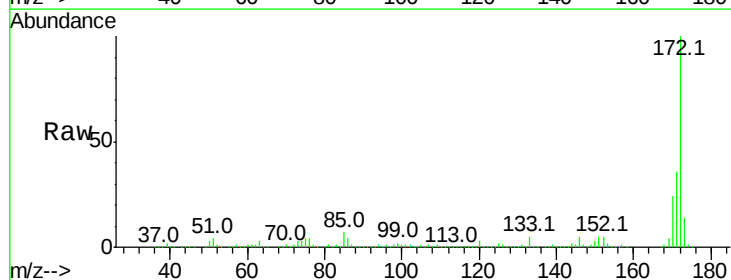
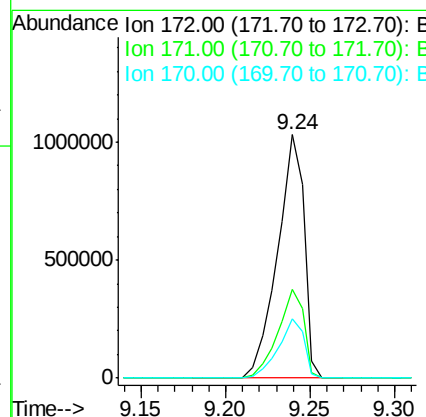
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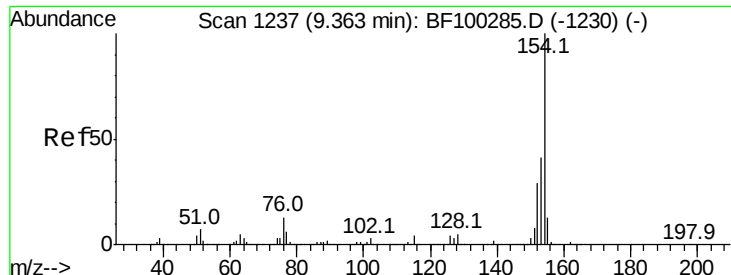
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#44
 2-Fluorobiphenyl
 Concen: 97.852 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1124996		
171	36.4	29.7	44.5	
170	24.4	19.6	29.4	





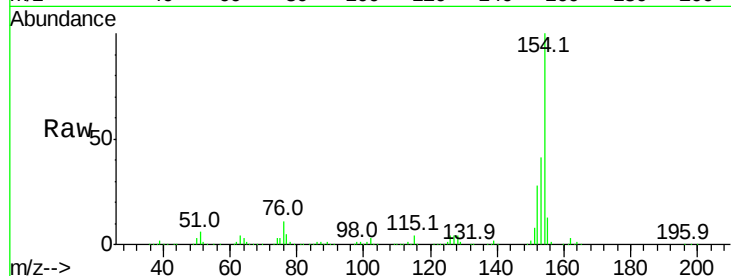
#45
1,1'-Biphenyl
Concen: 43.758 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

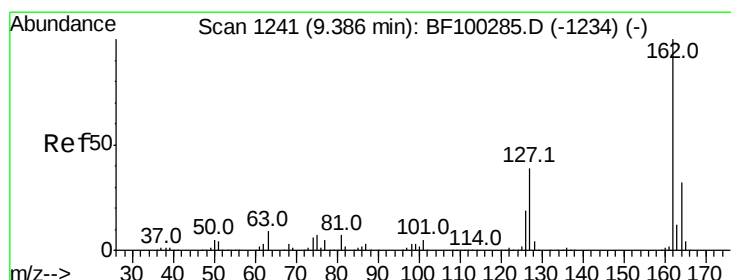
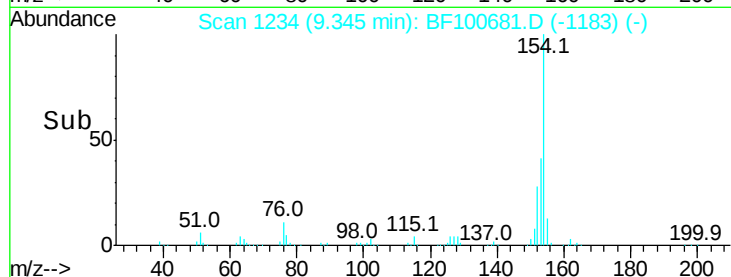
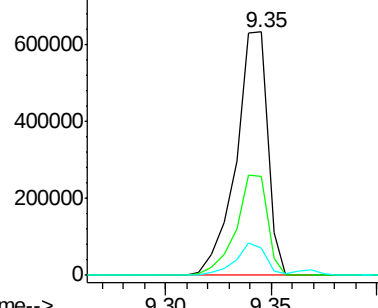
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.3	61.3	
76	11.3	0.0	34.0	

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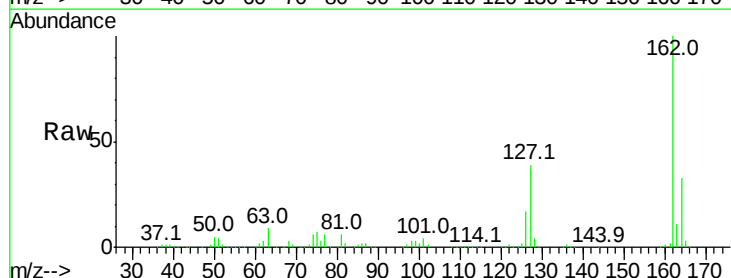


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

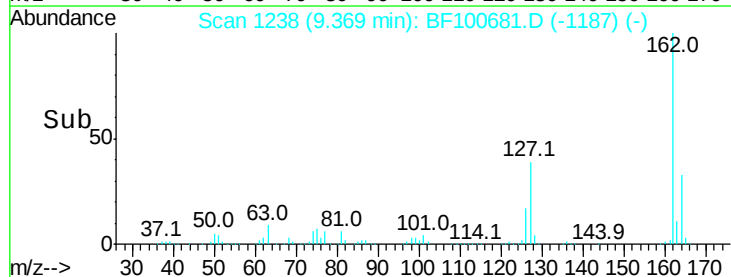
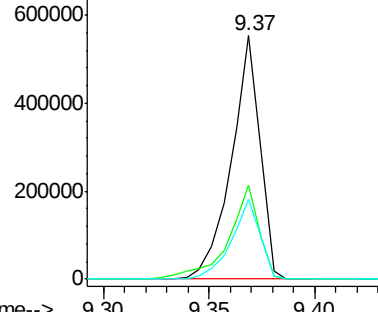


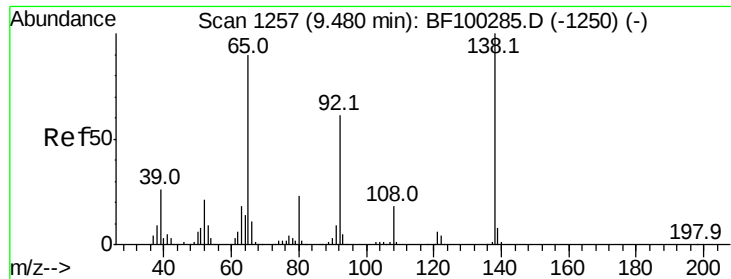
#46
2-Chloronaphthalene
Concen: 47.442 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	33.9	50.9	
164	32.6	26.5	39.7	



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





#47

2-Nitroaniline

Concen: 49.282 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

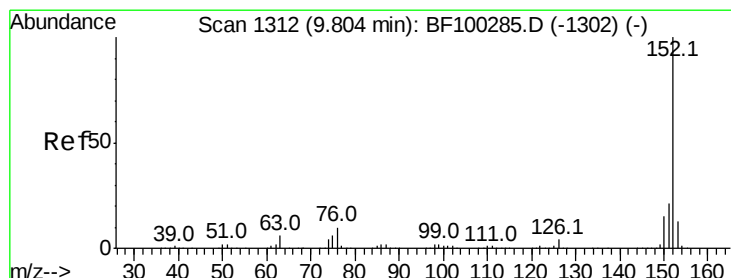
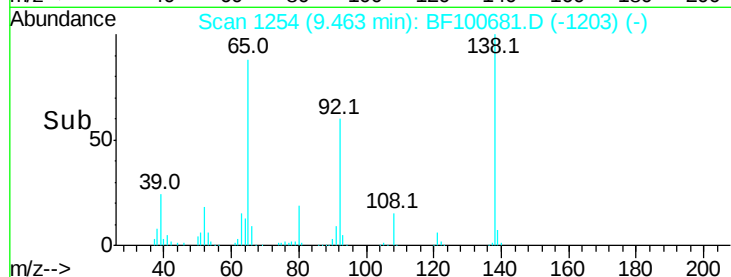
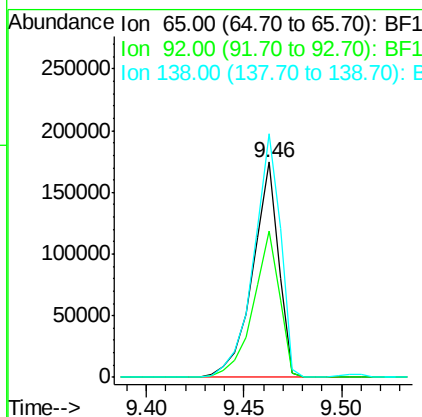
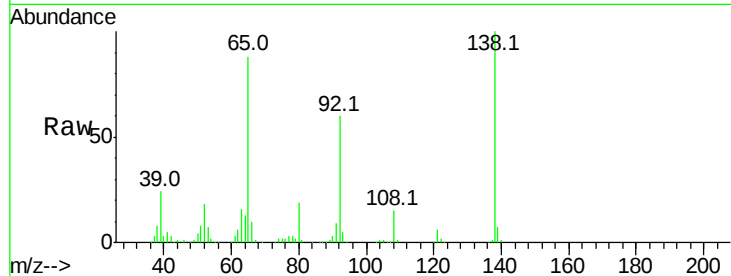
ClientSampled :

PB104282BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.8	83.6
138	113.3	91.2	136.8

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#48

Acenaphthylene

Concen: 44.087 ng

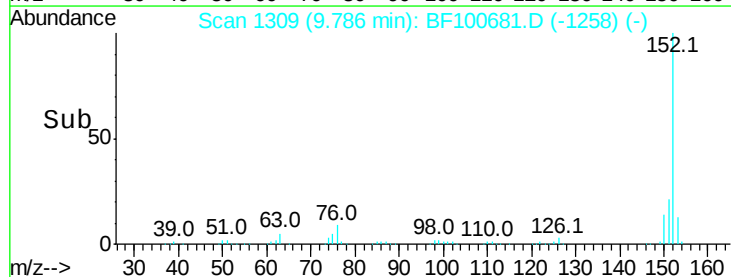
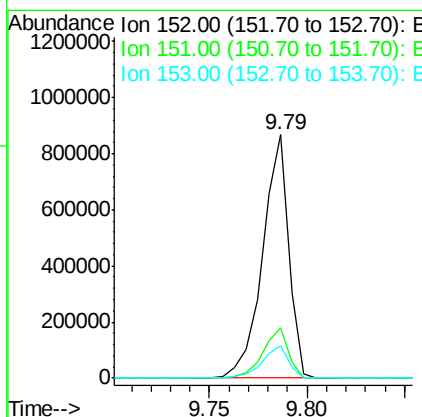
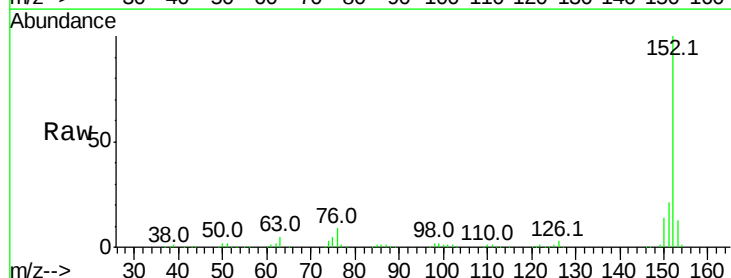
RT: 9.79 min Scan# 1309

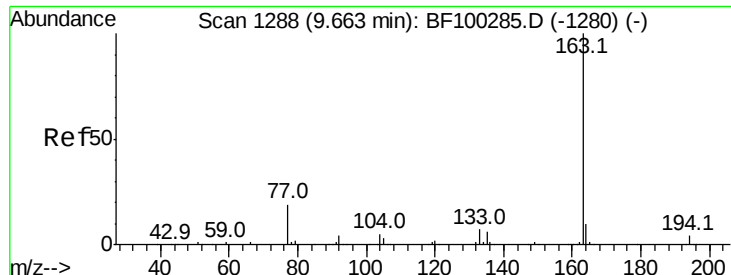
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1





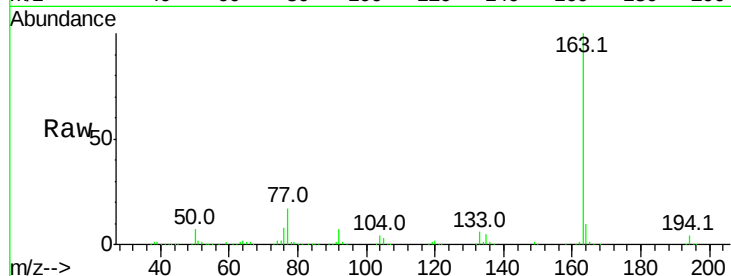
#49
Dimethylphthalate
Concen: 46.008 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

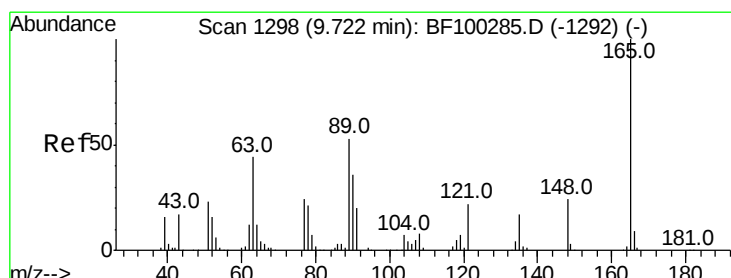
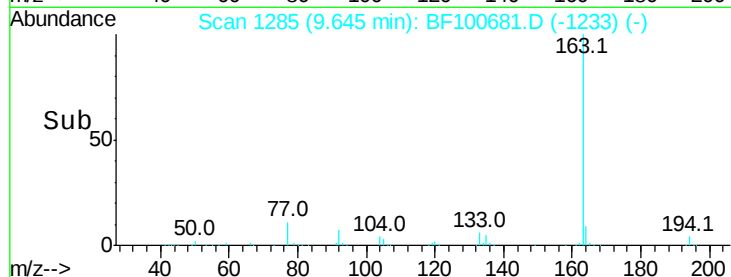
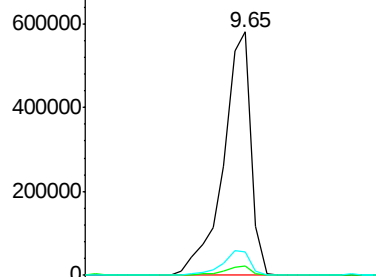
Tot Ion	Ratio	Resp	Lower	Upper
163	100	614958		
194	3.8	2.7	4.1	
164	9.6	8.2	12.2	

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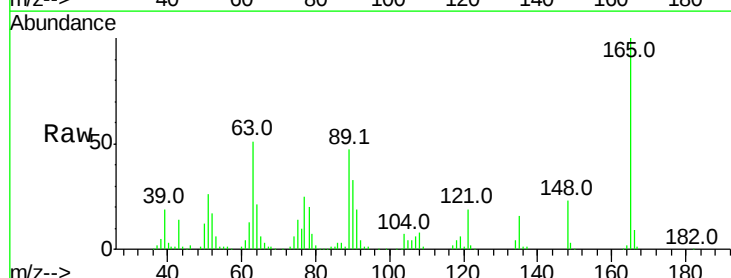


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

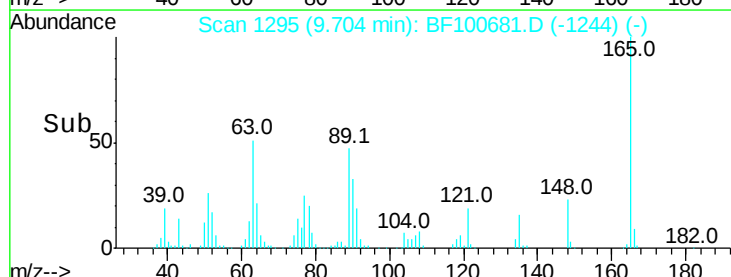
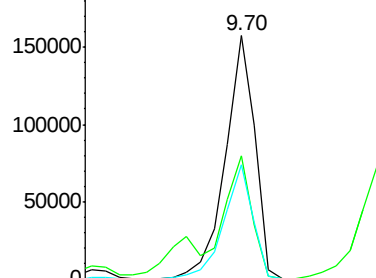


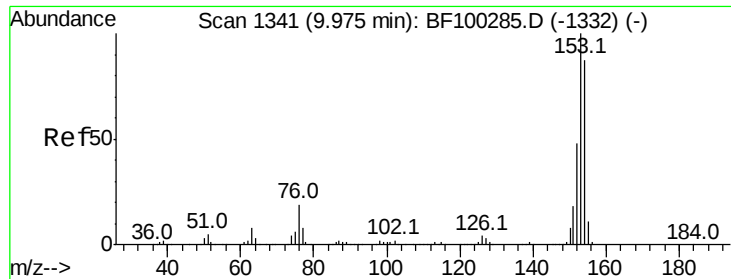
#50
2,6-Dinitrotoluene
Concen: 53.350 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141153		
63	50.9	44.7	67.1	
89	47.2	44.0	66.0	



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





#51

Acenaphthene

Concen: 44.152 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

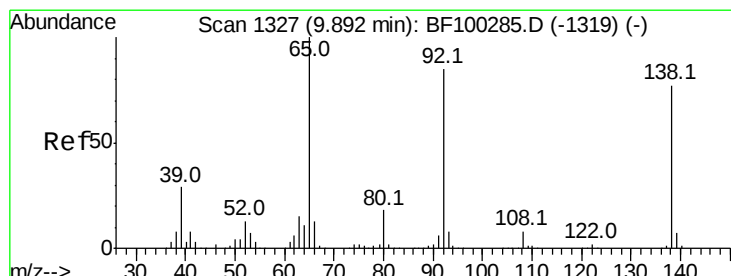
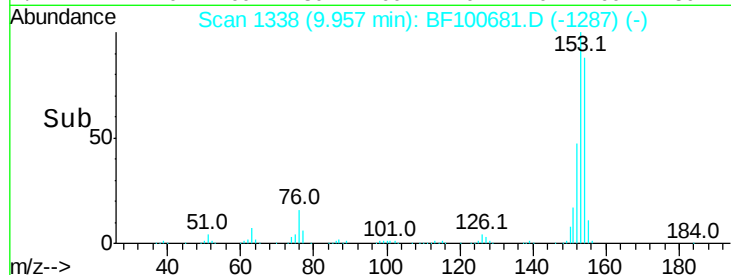
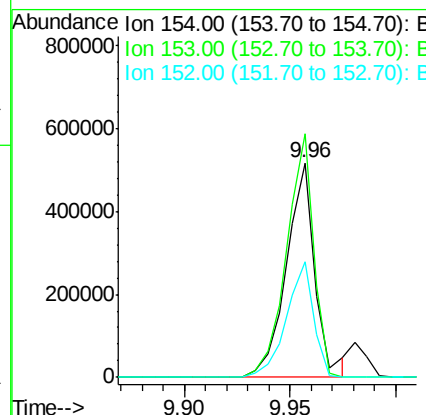
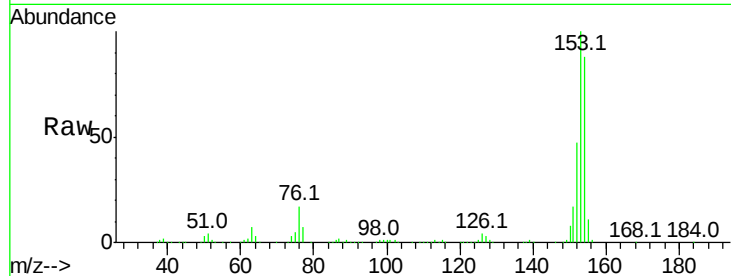
ClientSampleId :

PB104282BS

Tot Ion:	154	Resp:	488807
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	53.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 24.881 ng

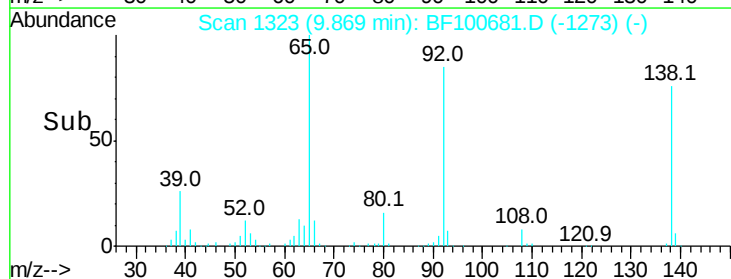
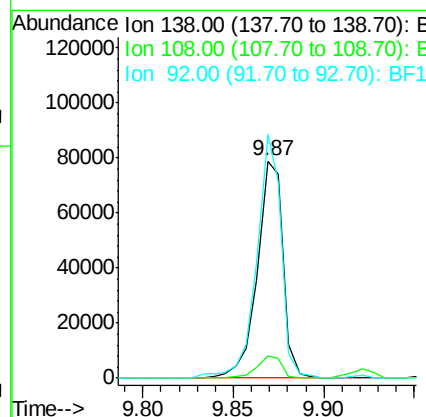
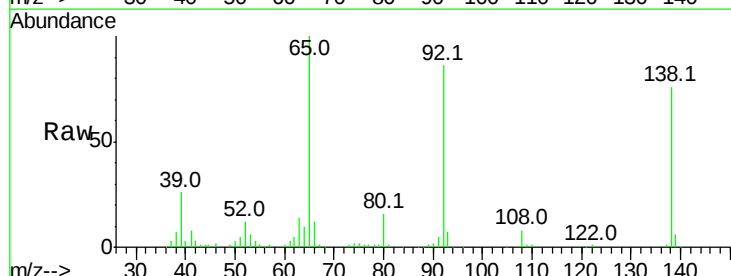
RT: 9.87 min Scan# 1323

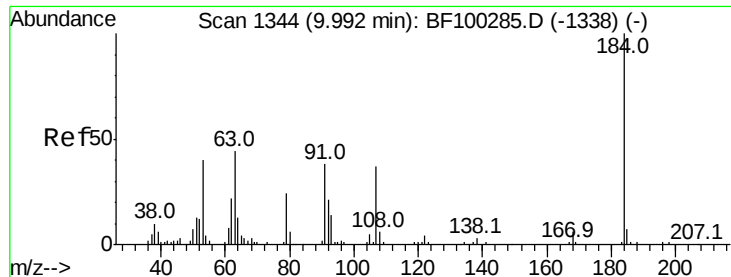
Delta R.T. -0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	138	Resp:	77734
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	112.2	89.4	134.2





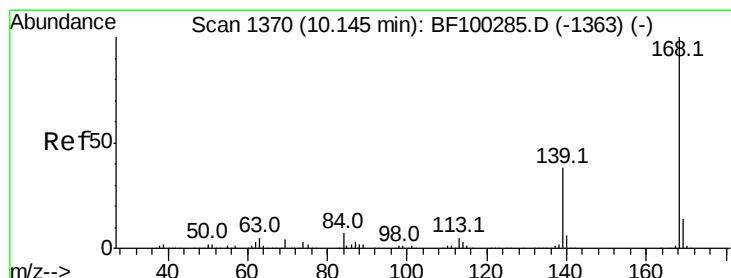
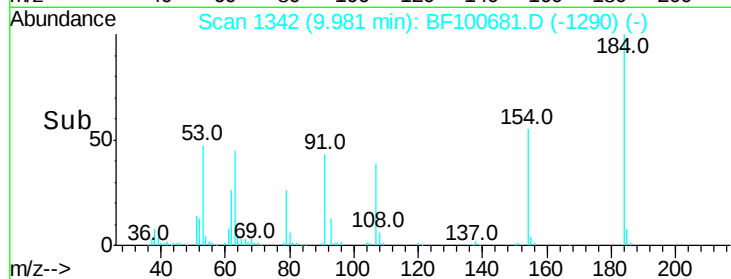
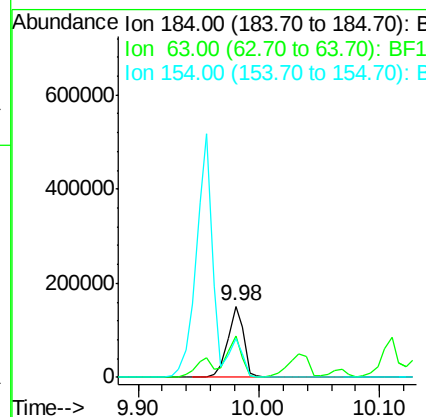
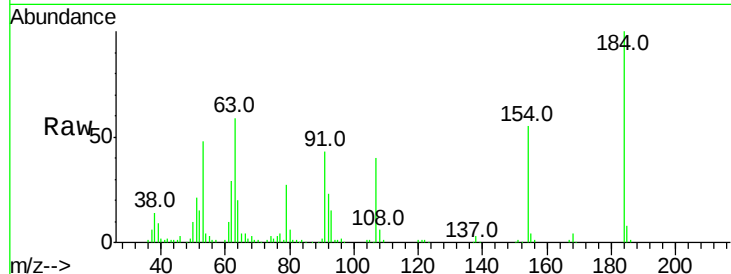
#53
2,4-Dinitrophenol
Concen: 104.050 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.9	54.2	81.2
154	55.4	184.0	276.0#

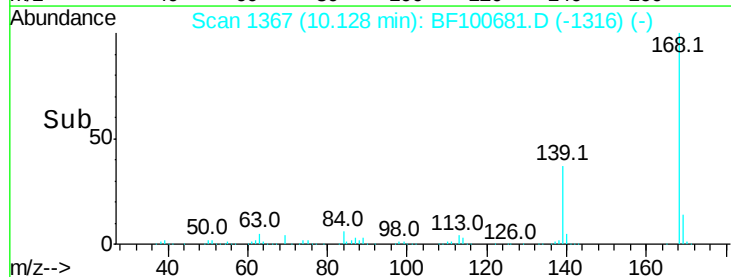
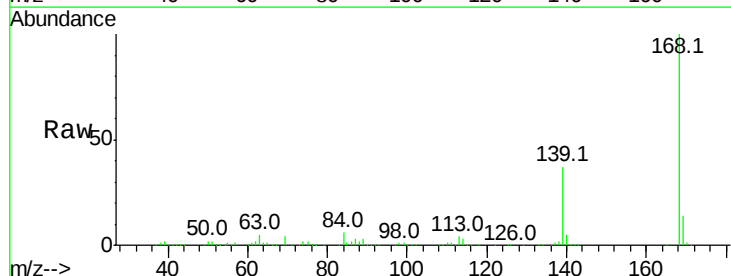
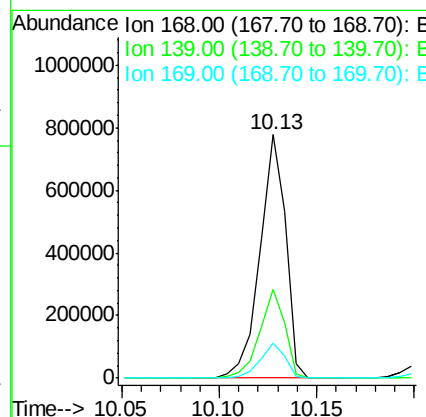
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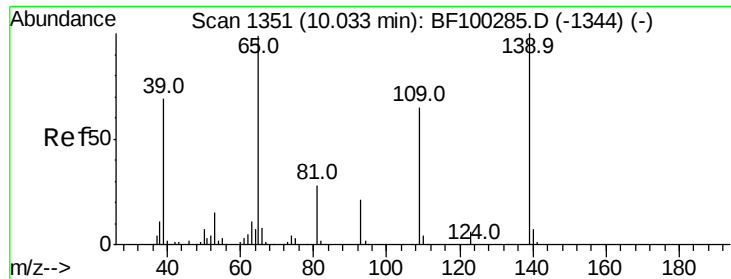
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#54
Dibenzofuran
Concen: 45.664 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.2	10.9	16.3





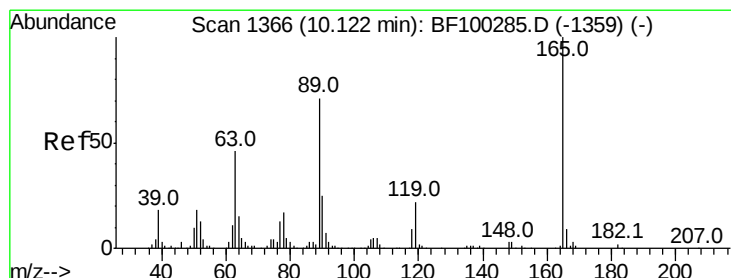
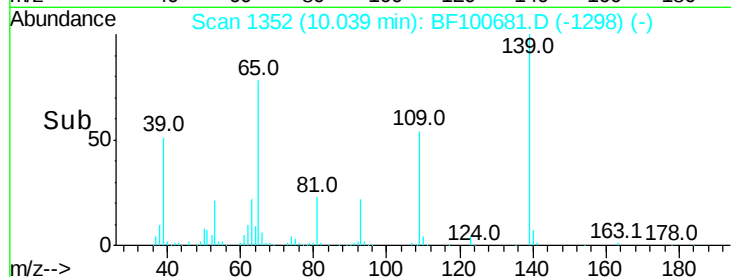
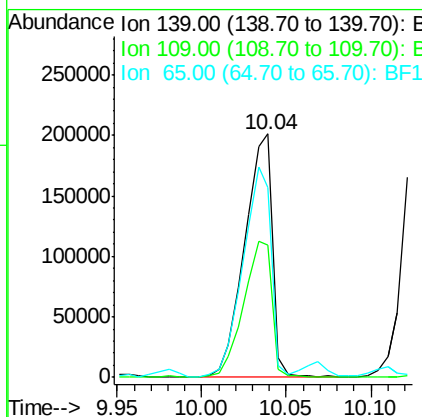
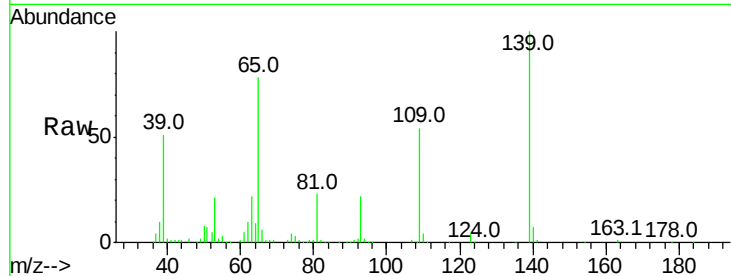
#55
4-Nitrophenol
Concen: 91.970 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	233317		
109	54.3	48.4	88.4	
65	78.1	72.6	112.6	

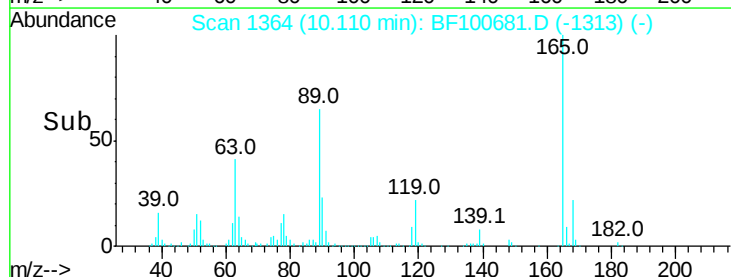
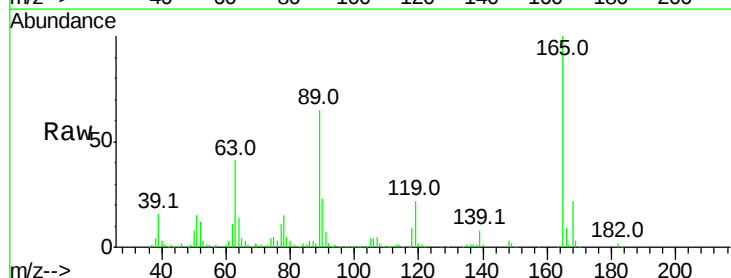
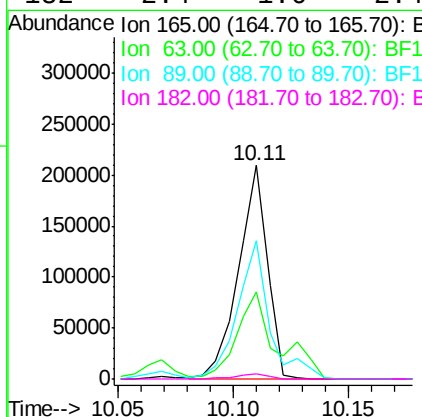
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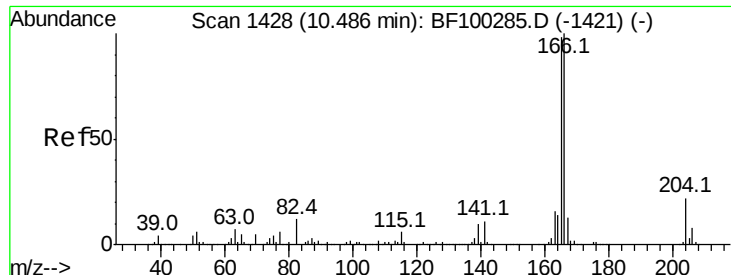
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#56
2,4-Dinitrotoluene
Concen: 54.915 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183293		
63	40.9	36.4	54.6	
89	64.8	57.8	86.6	
182	2.4	1.6	2.4#	





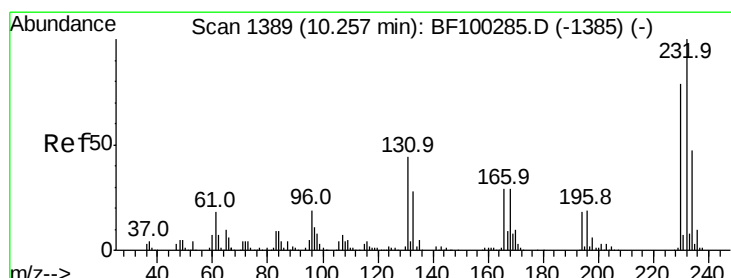
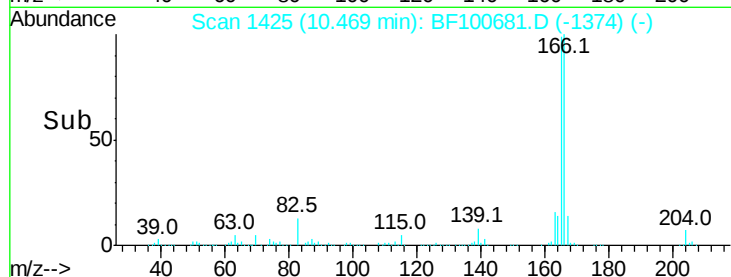
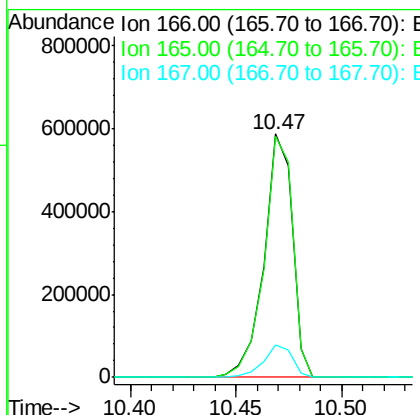
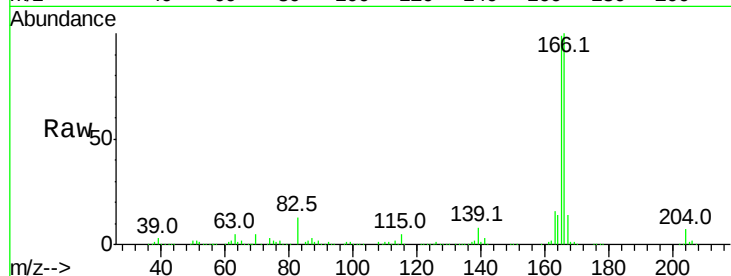
#57
Fluorene
 Concen: 48.369 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.8	119.8	
167	13.6	10.6	16.0	

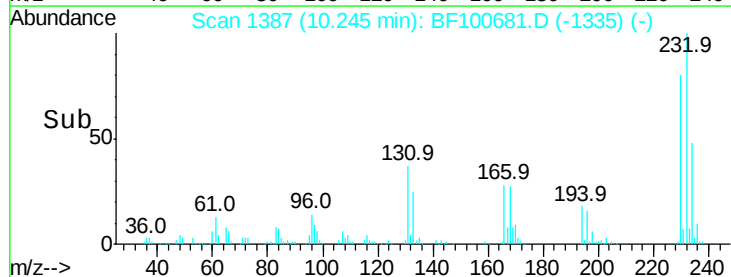
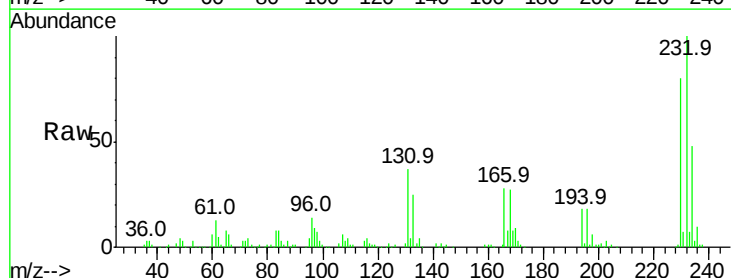
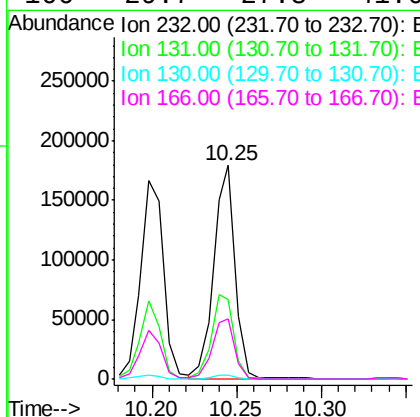
Manual Integrations
 APPROVED

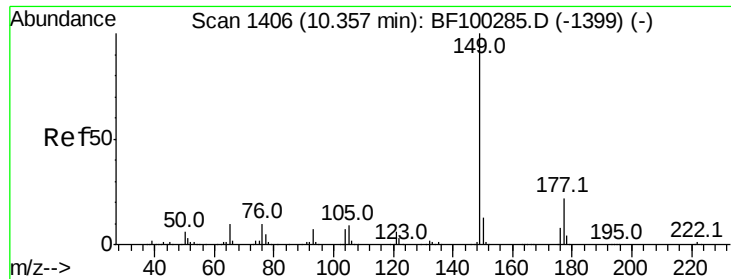
SOHIL
 11/20/2017 2:51:13 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.258 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.2	43.8	65.8#	
130	1.8	2.1	3.1#	
166	29.7	27.8	41.6	





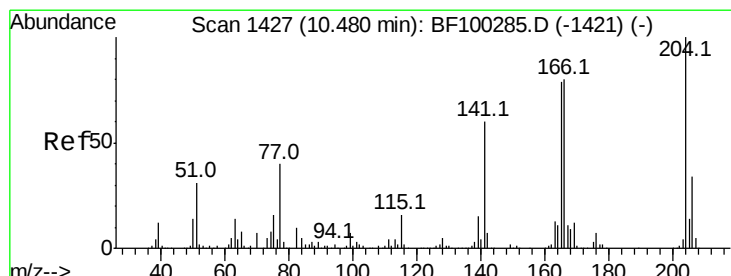
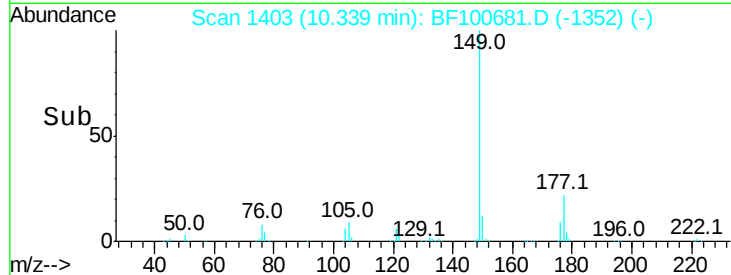
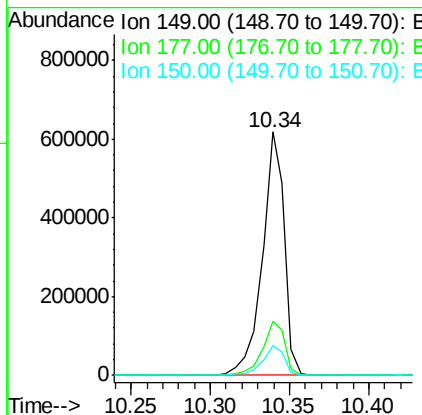
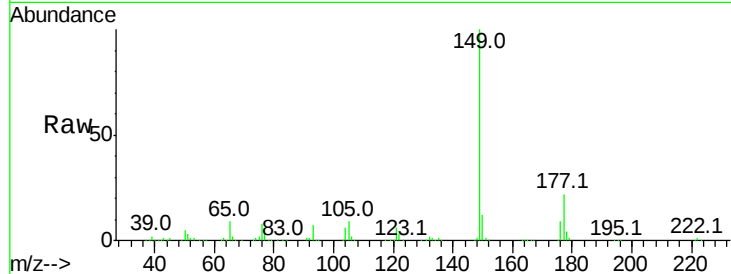
#59
Diethylphthalate
Concen: 44.566 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596110		
177	22.4	16.1	24.1	
150	12.3	10.1	15.1	

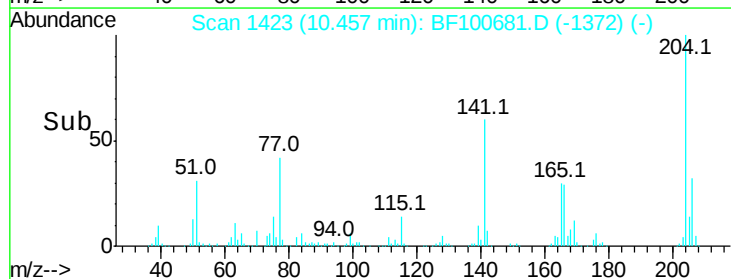
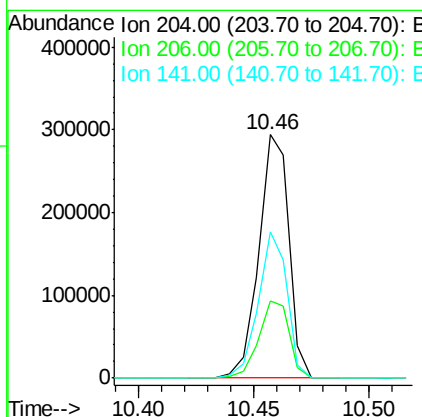
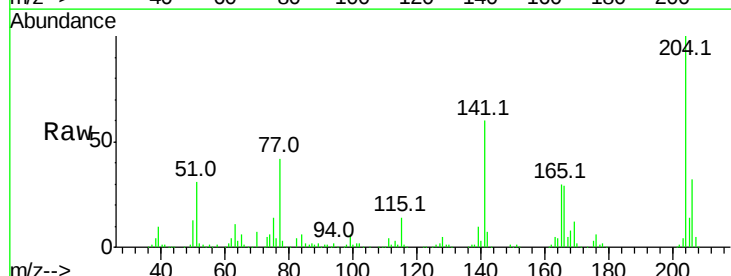
Manual Integrations
APPROVED

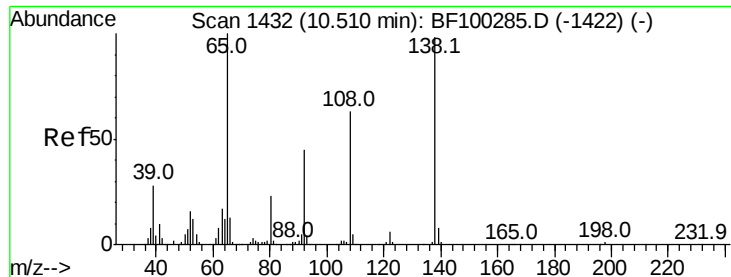
SOHIL
11/20/2017 2:51:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.812 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266616		
206	31.8	26.5	39.7	
141	60.1	54.6	81.8	





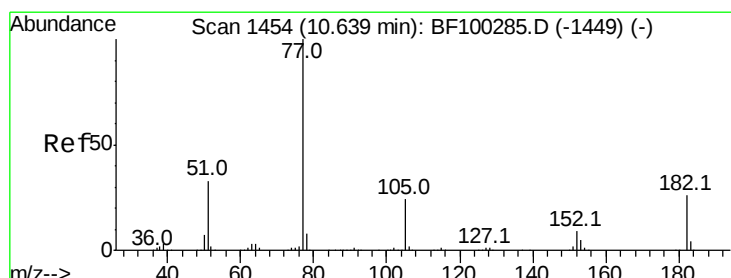
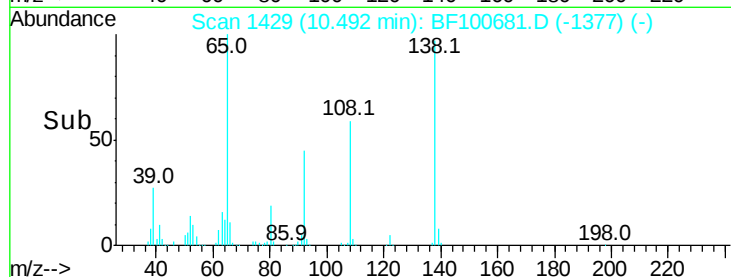
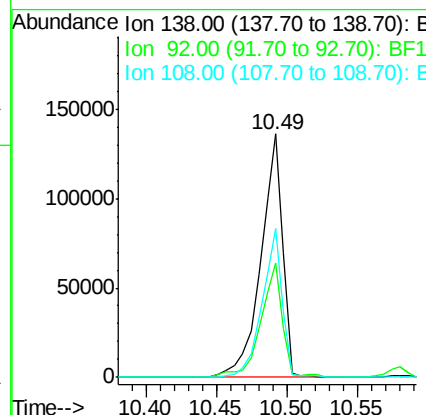
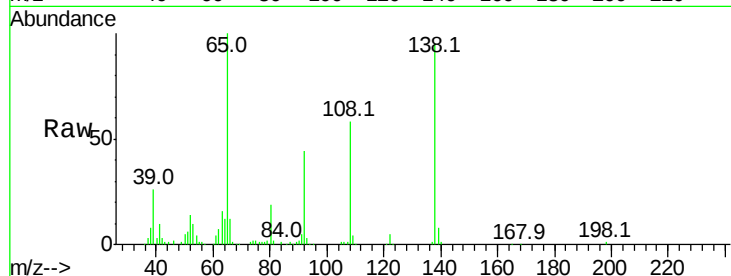
#61
4-Nitroaniline
Concen: 49.939 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	61.4	52.5	92.5

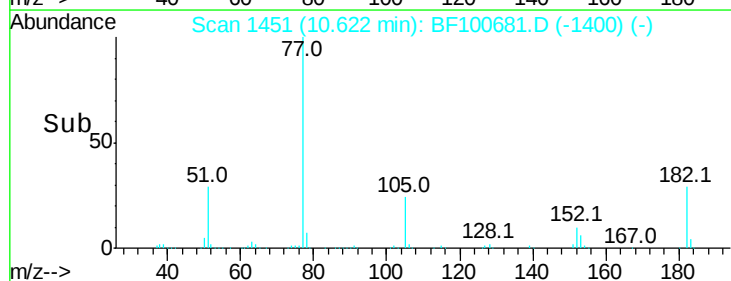
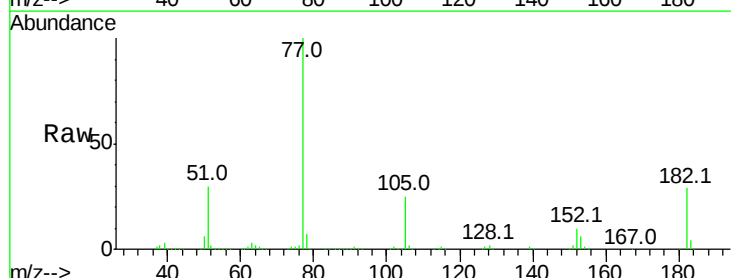
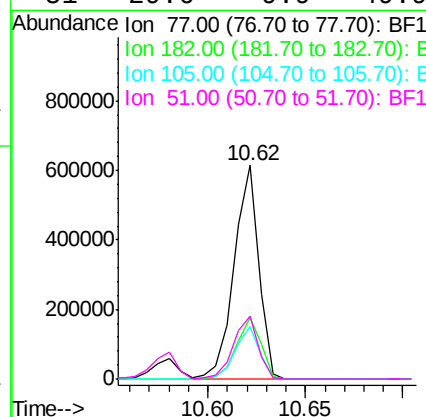
Manual Integrations
APPROVED

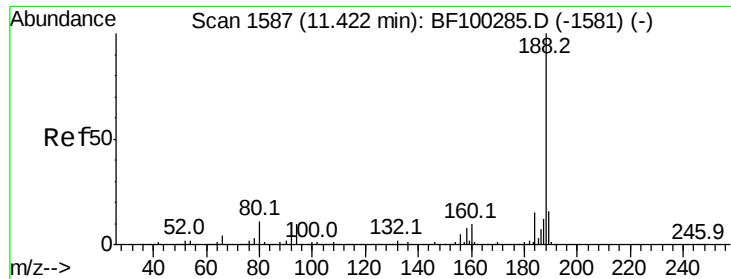
SOHIL
11/20/2017 2:51:13 PM



#62
Azobenzene
Concen: 42.714 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	1.7	41.7
105	24.8	3.0	43.0
51	29.6	9.9	49.9





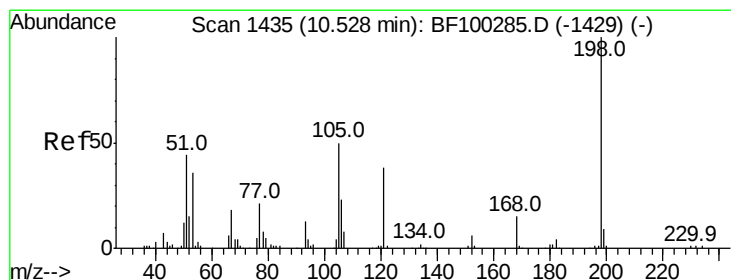
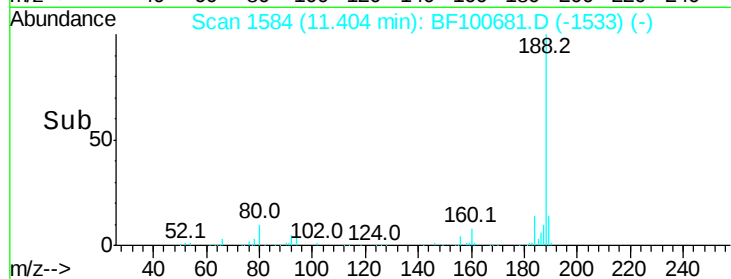
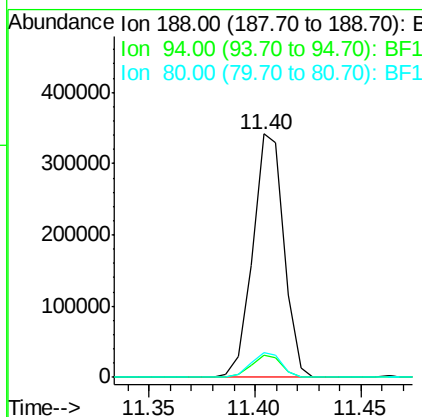
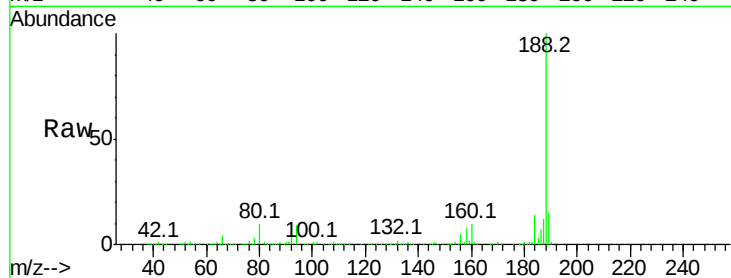
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	350700		
94	9.3	8.5	12.7	
80	10.4	9.2	13.8	

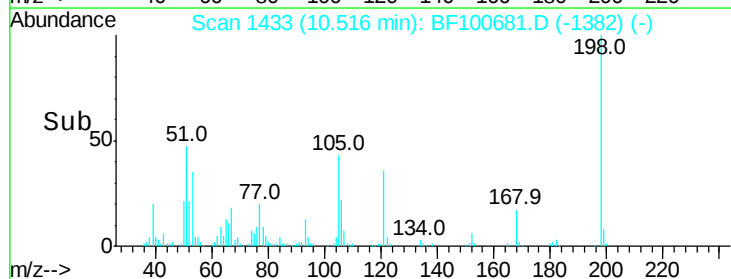
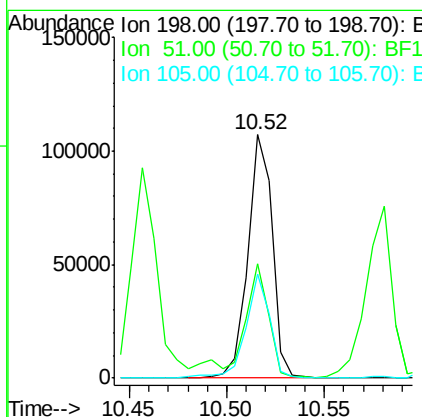
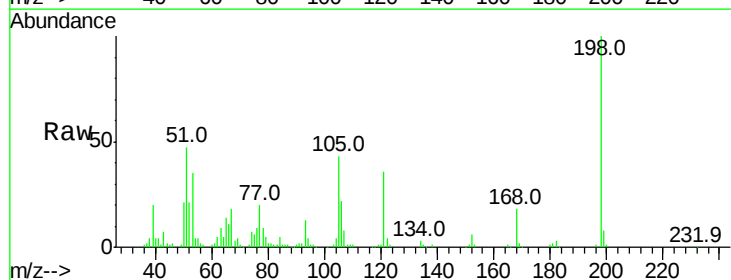
Manual Integrations
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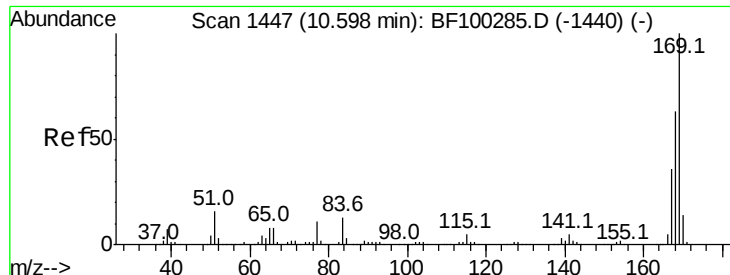
SOHIL
11/20/2017 2:51:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.802 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	93190		
51	47.0	37.7	77.7	
105	43.0	36.3	76.3	





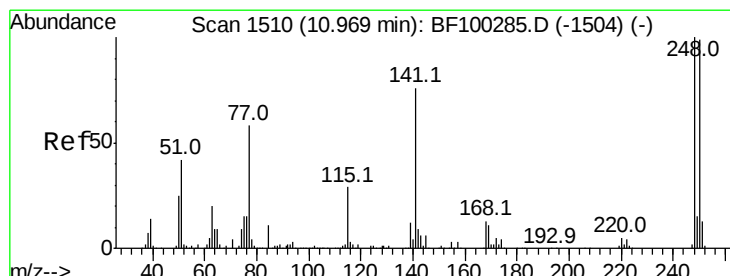
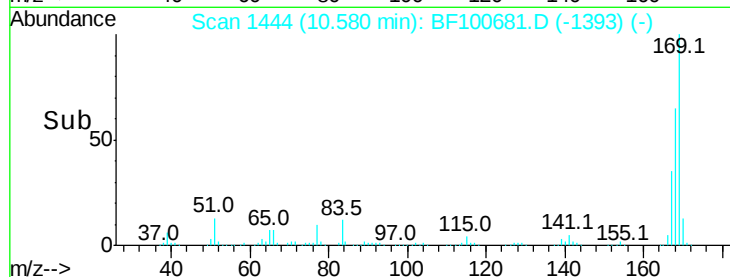
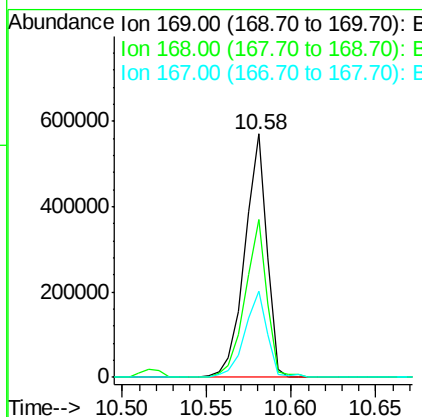
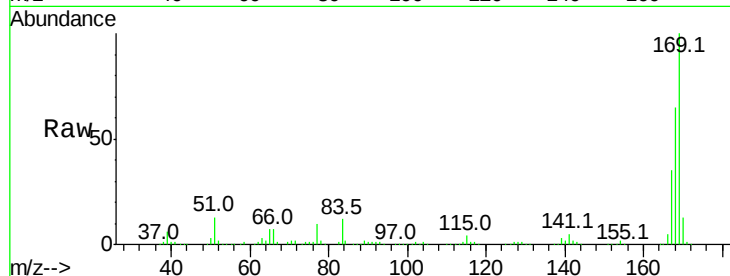
#65
n-Nitrosodiphenylamine
Concen: 42.735 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	521124		
168	64.8		54.4	81.6
167	35.2		29.8	44.6

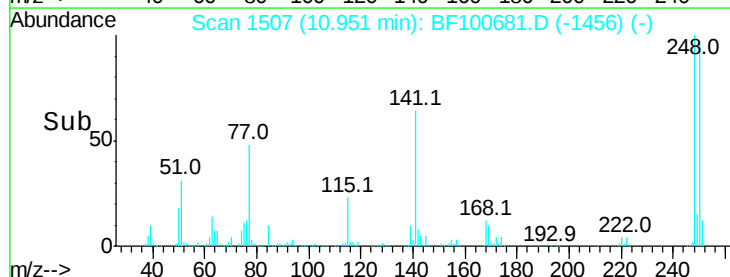
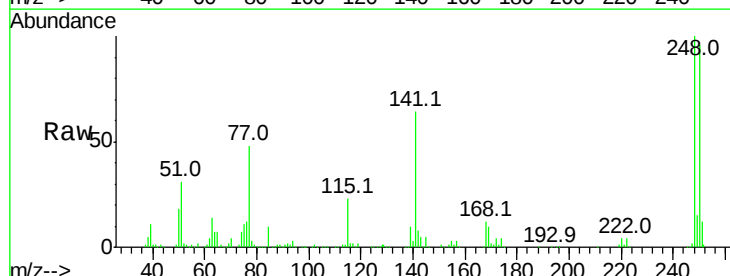
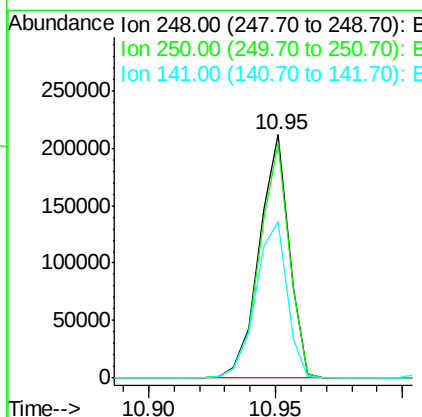
Manual Integrations
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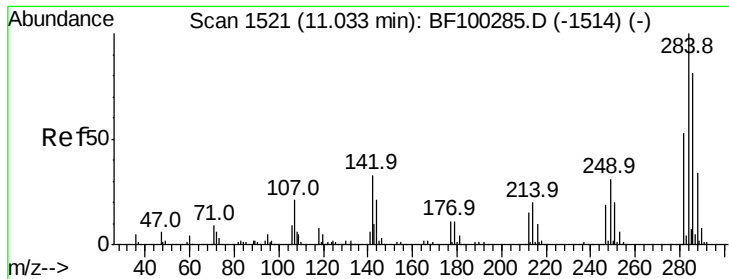
SOHIL
11/20/2017 2:51:13 PM



#66
4-Bromophenyl-phenylether
Concen: 46.362 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174294		
250	96.4		76.9	115.3
141	64.4		74.4	111.6#





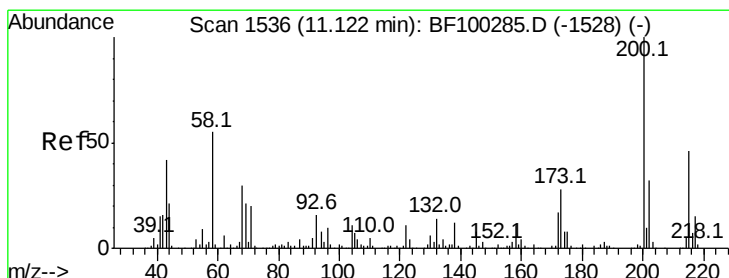
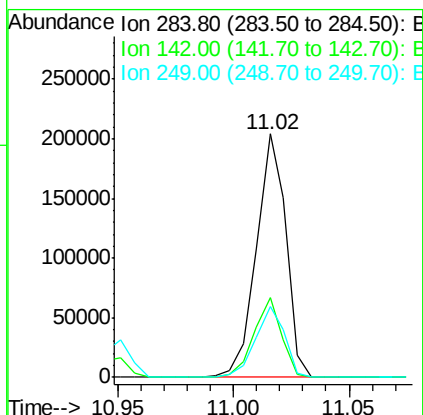
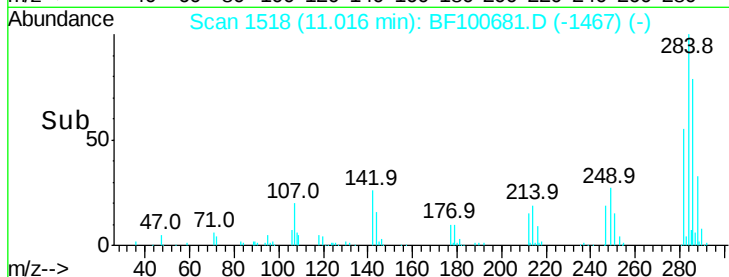
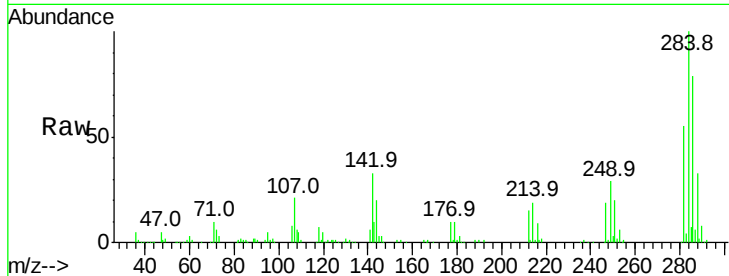
#67
Hexachlorobenzene
Concen: 46.362 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.8	34.6	52.0	
249	29.2	24.8	37.2	

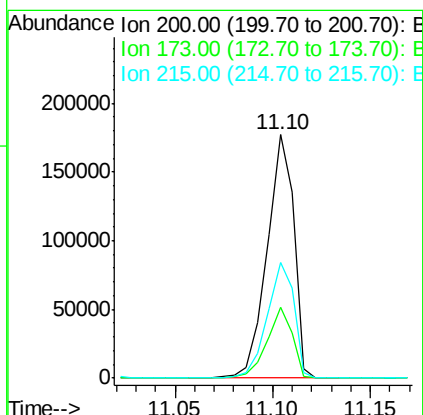
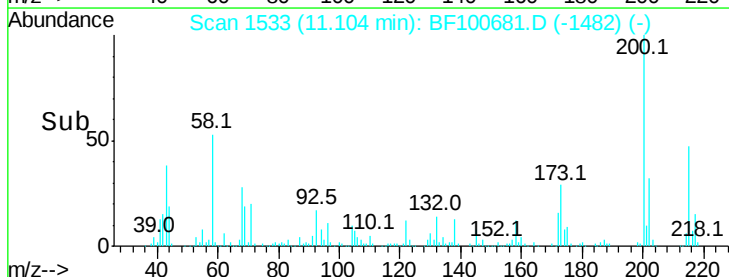
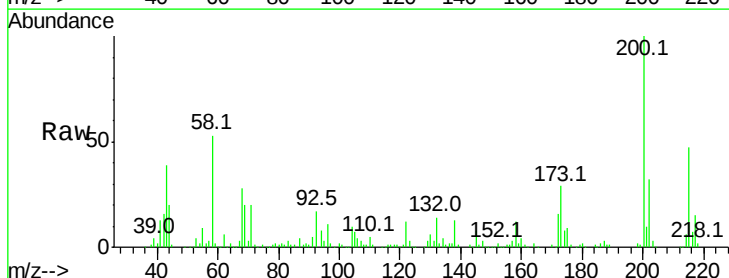
Manual Integrations
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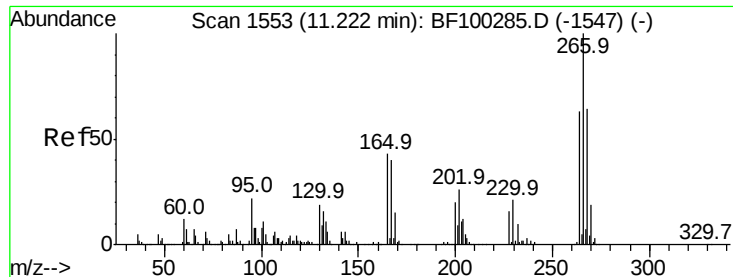
SOHIL
11/20/2017 2:51:13 PM



#68
Atrazine
Concen: 45.602 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.8	8.6	48.6	
215	47.4	25.1	65.1	





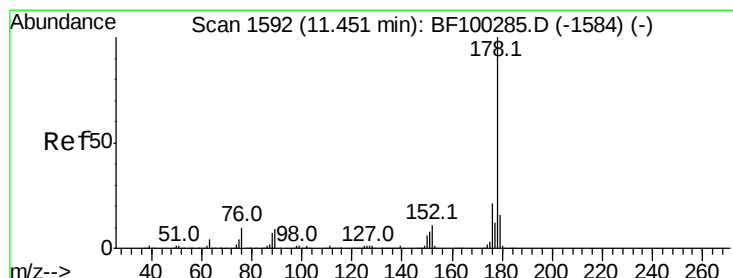
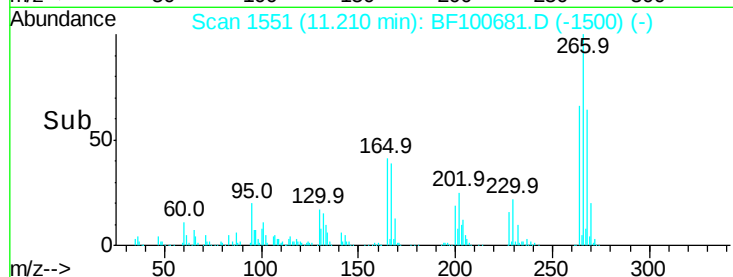
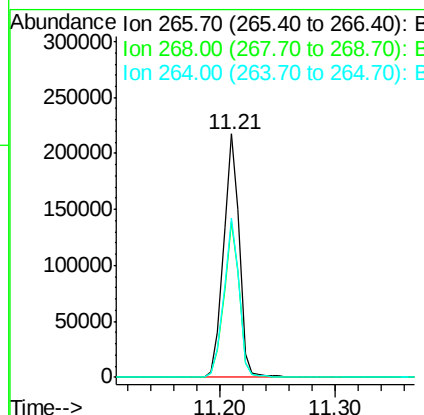
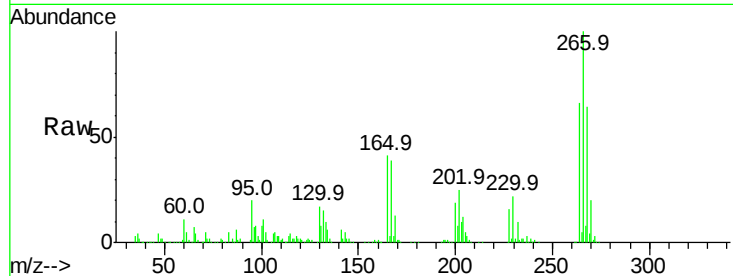
#69
 Pentachlorophenol
 Concen: 73.412 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampled :
 PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	206980		
268	63.7	51.1	76.7	
264	65.5	49.5	74.3	

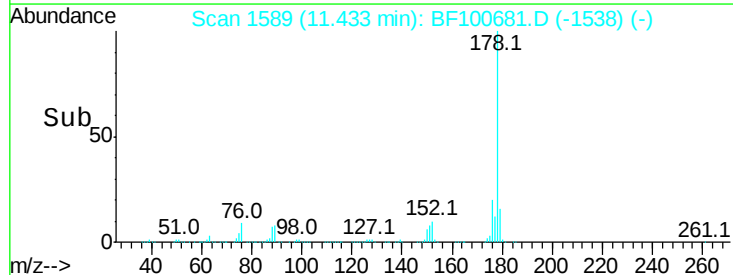
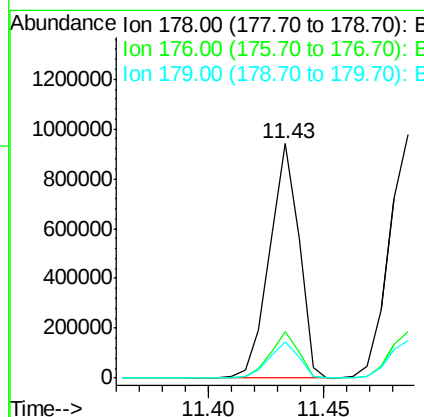
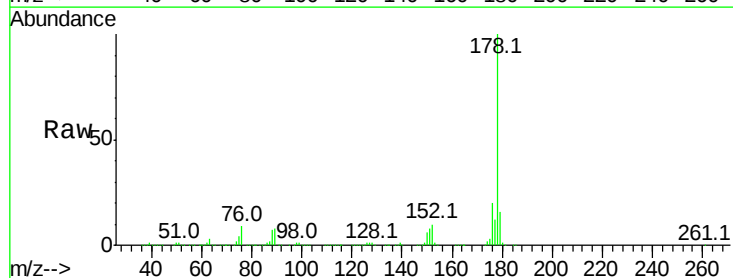
Manual Integrations
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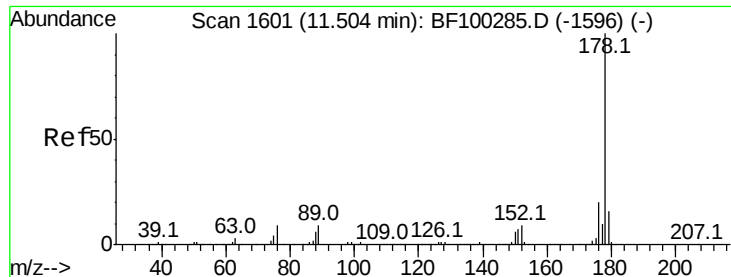
SOHIL
 11/20/2017 2:51:13 PM



#70
 Phenanthrene
 Concen: 45.264 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	835792		
176	20.0	15.8	23.8	
179	15.7	13.0	19.6	





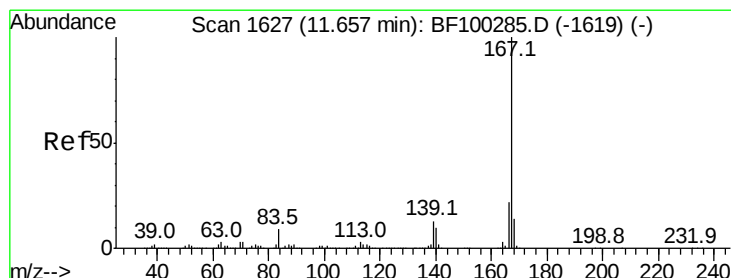
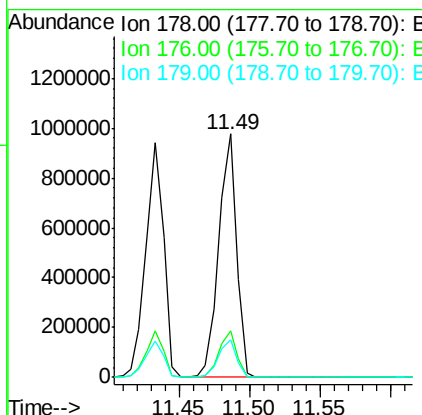
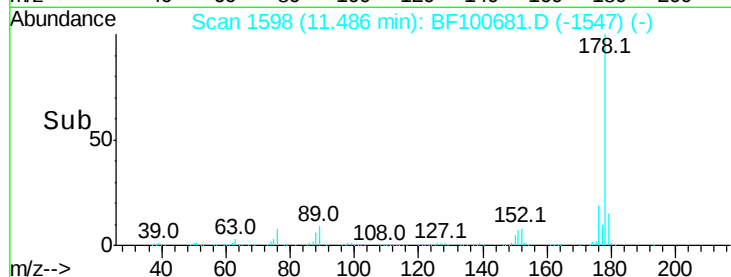
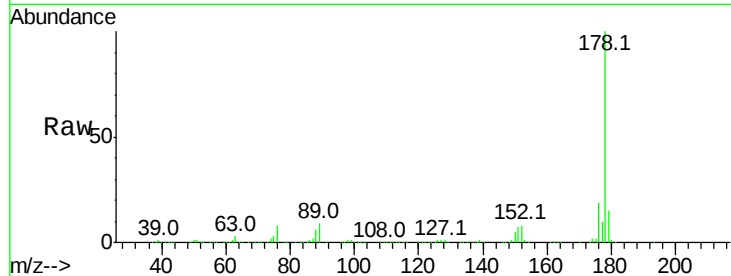
#71
 Anthracene
 Concen: 46.111 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

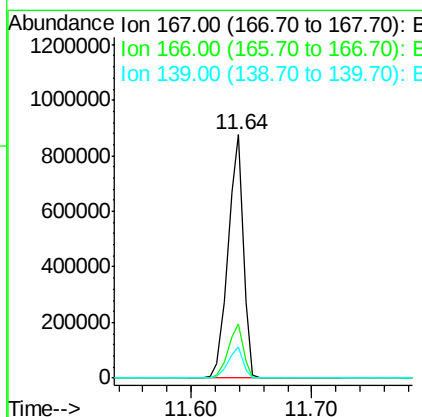
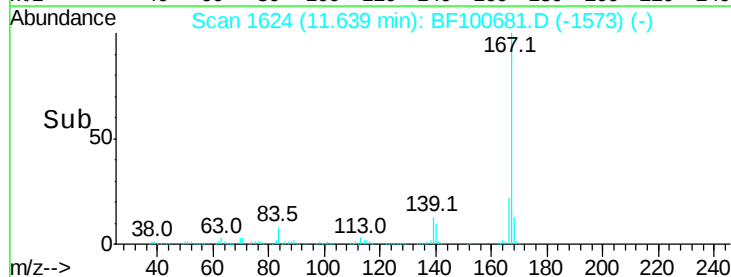
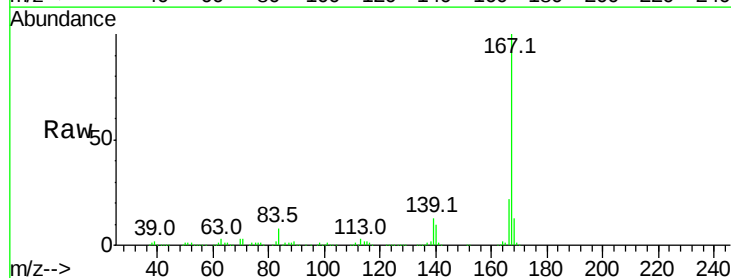
Manual Integrations
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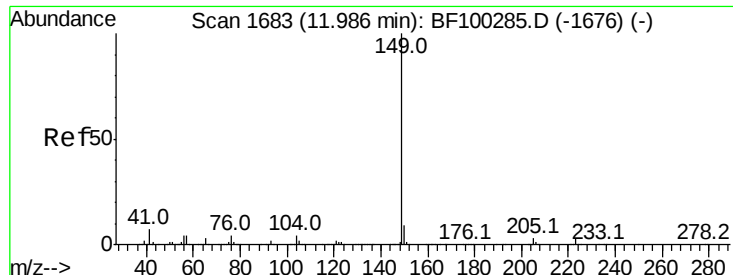
SOHIL
 11/20/2017 2:51:13 PM



#72
 Carbazole
 Concen: 44.495 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.6	10.9	16.3





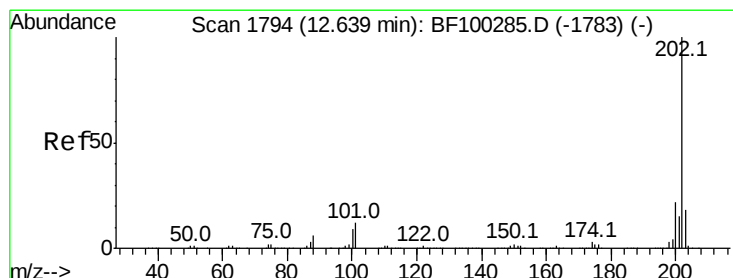
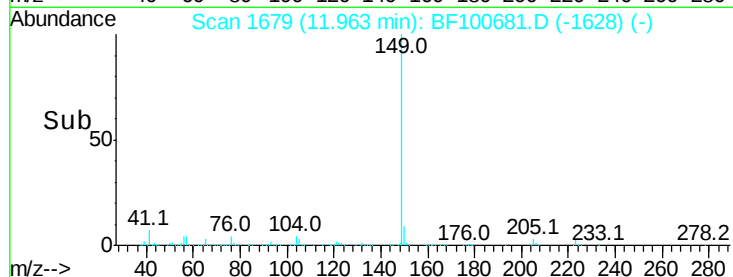
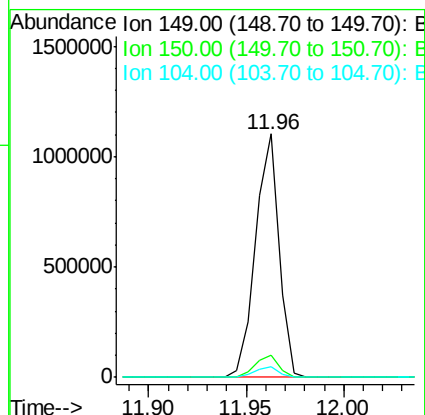
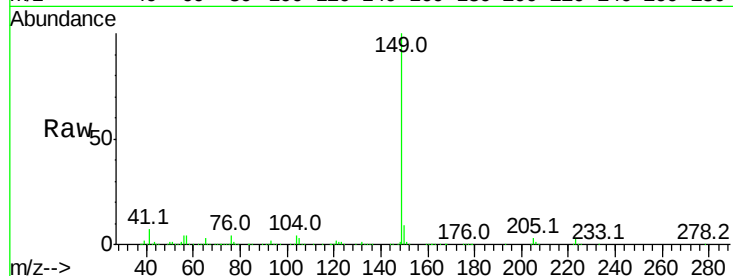
#73
Di-n-butylphthalate
Concen: 45.385 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	4.2	3.8	5.8	

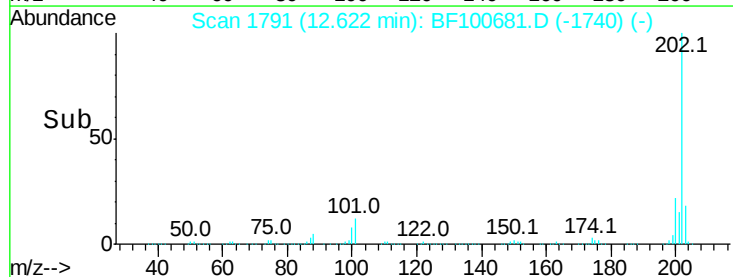
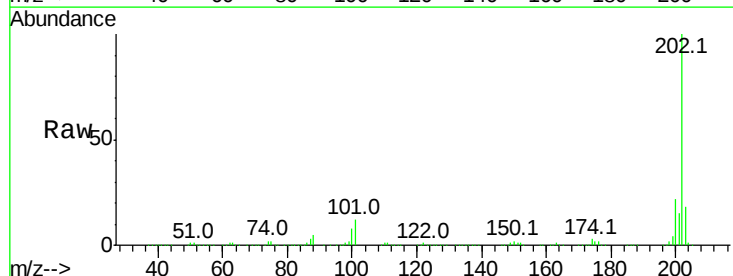
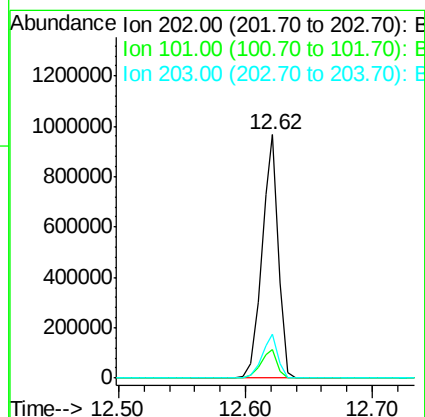
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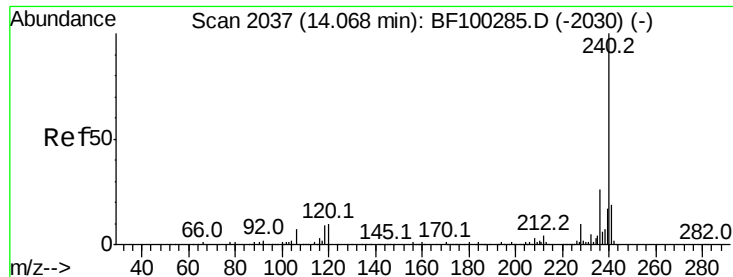
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#74
Fluoranthene
Concen: 44.541 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.8	0.0	34.1	
203	17.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

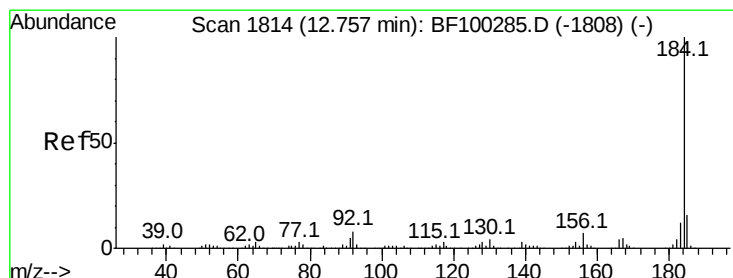
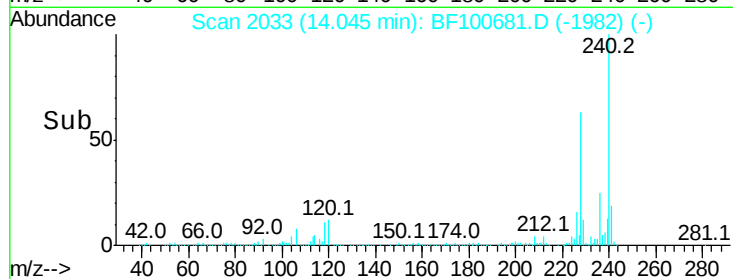
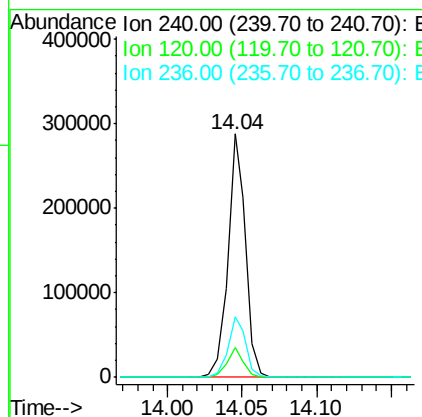
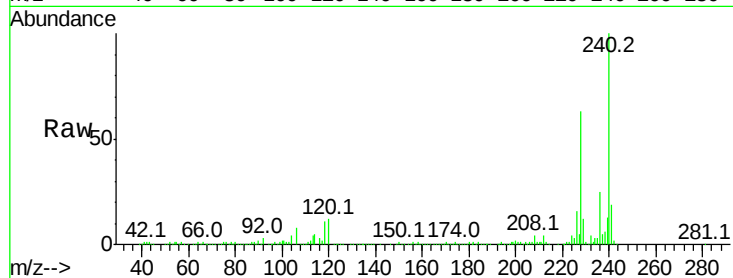
ClientSampleId :

PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	240207		
120	12.4	9.5	14.3	
236	25.1	20.7	31.1	

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#76

Benzidine

Concen: 24.800 ng

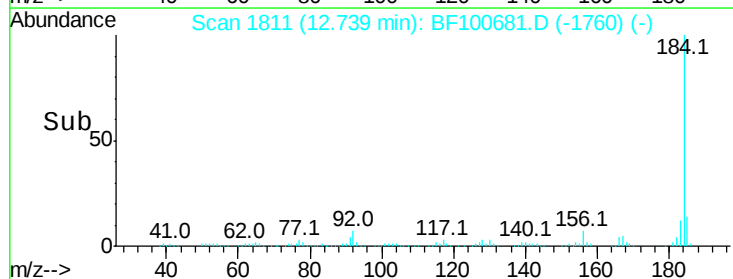
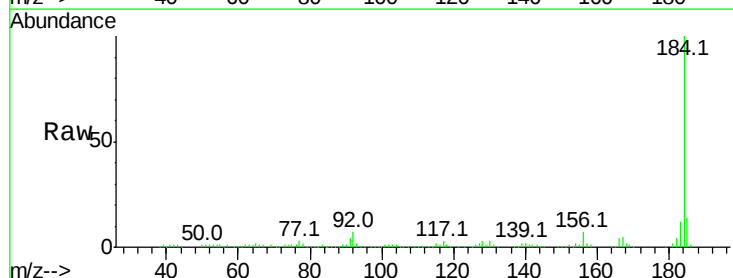
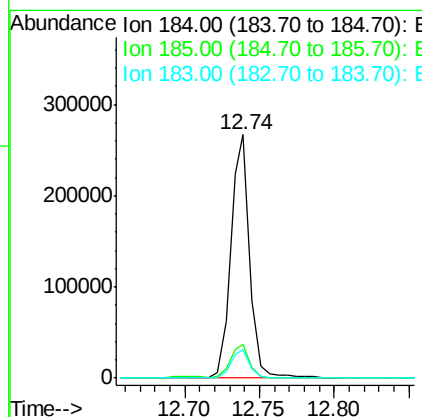
RT: 12.74 min Scan# 1811

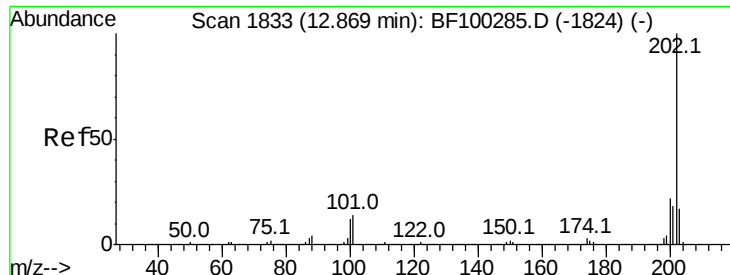
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	238570		
185	13.9	12.6	18.8	
183	11.6	9.3	13.9	





#77

Pvrene

Concen: 51.660 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

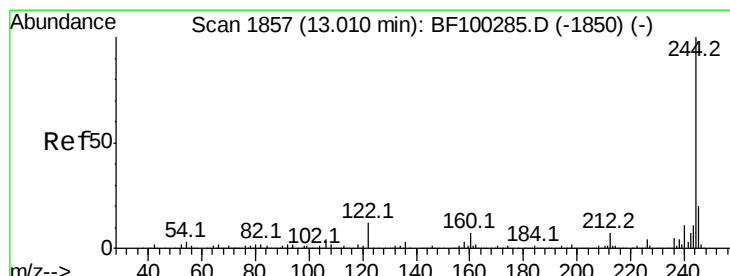
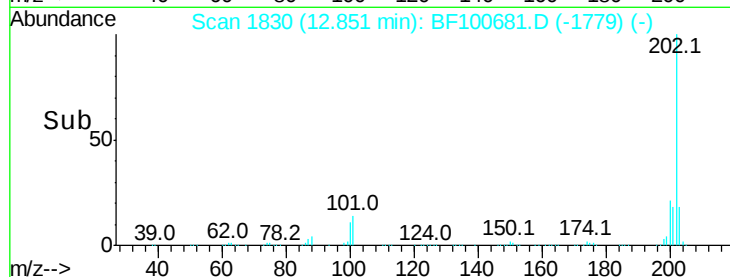
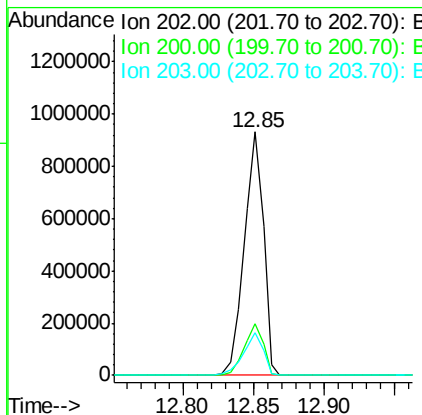
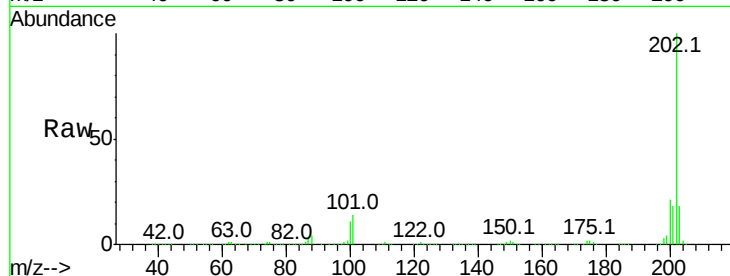
ClientSampleId :

PB104282BS

Tot Ion:	202	Resp:	884565
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 105.665 ng

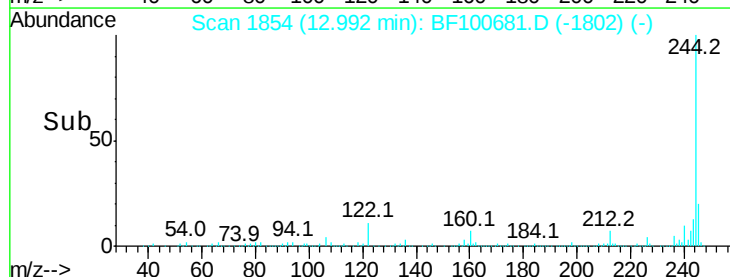
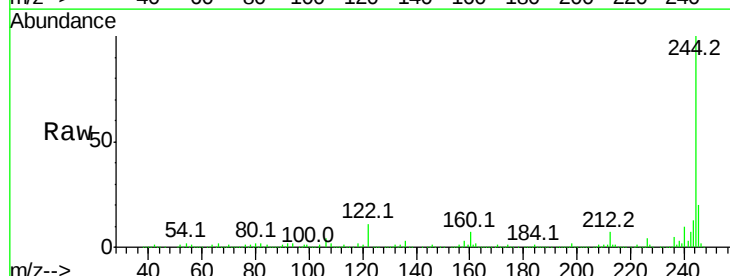
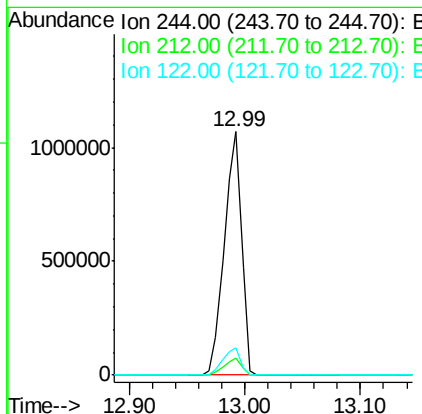
RT: 12.99 min Scan# 1854

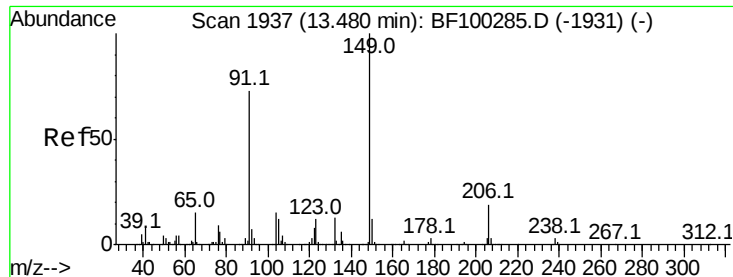
Delta R.T. 0.01 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion:	244	Resp:	1104642
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4





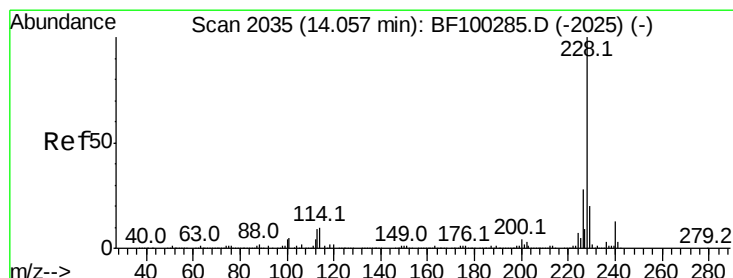
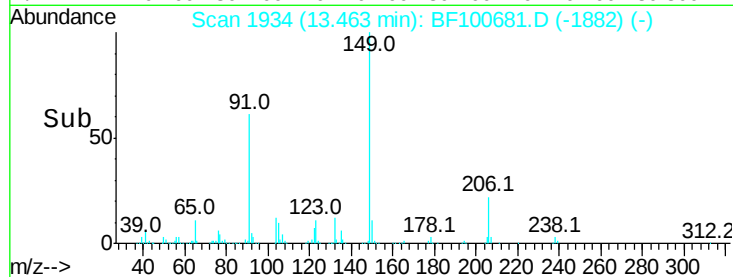
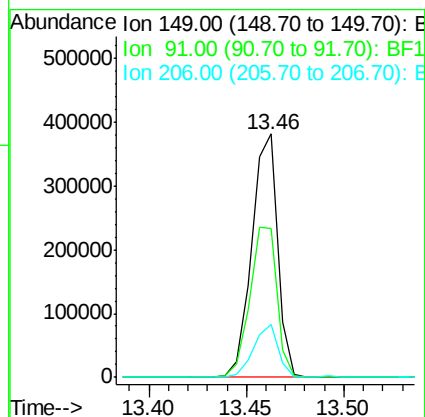
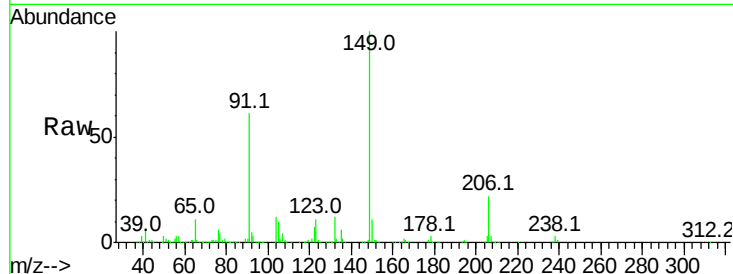
#79
Butylbenzylphthalate
Concen: 50.102 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.0	56.8	85.2
206	21.6	14.1	21.1

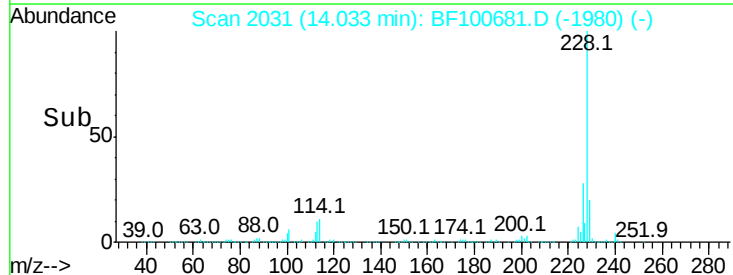
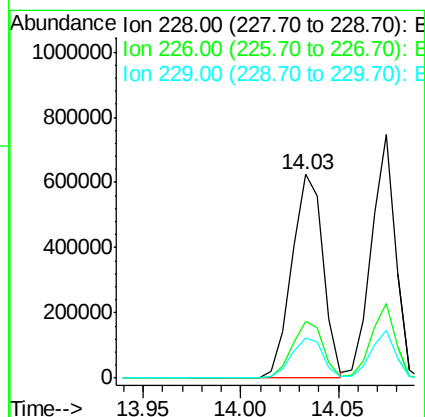
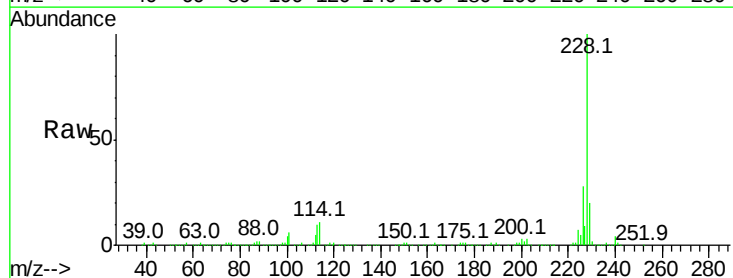
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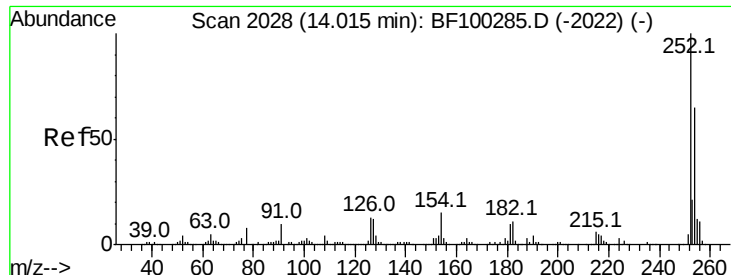
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#80
Benzo(a)anthracene
Concen: 47.679 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.6	15.8	23.6





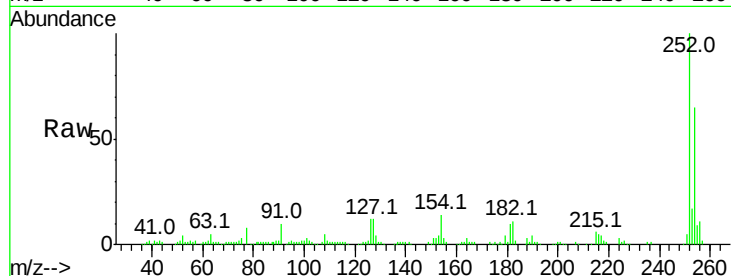
#81
 3,3'-Dichlorobenzidine
 Concen: 25.024 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

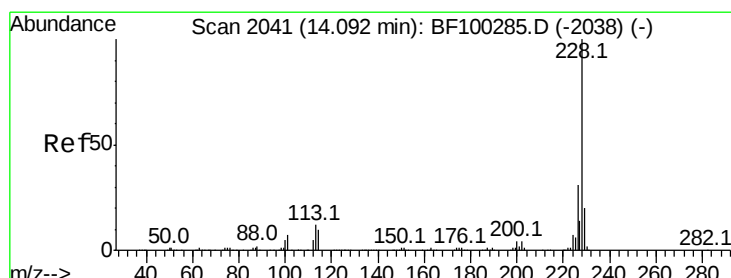
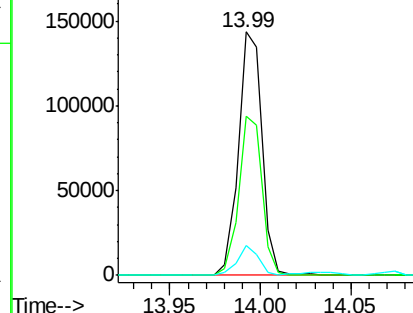
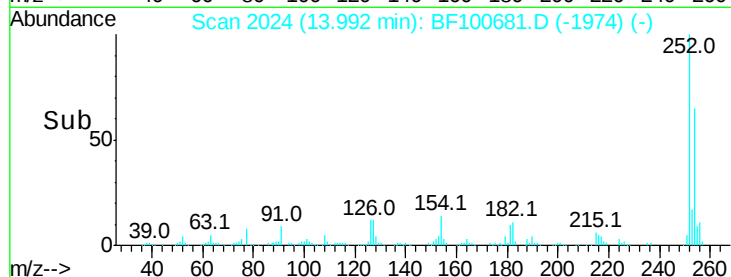
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.2	11.3	16.9

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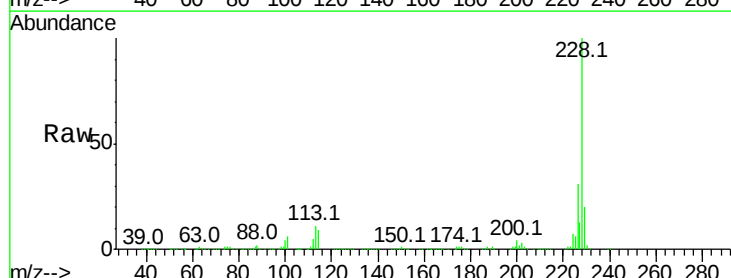


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

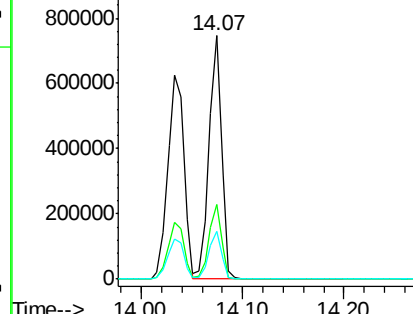
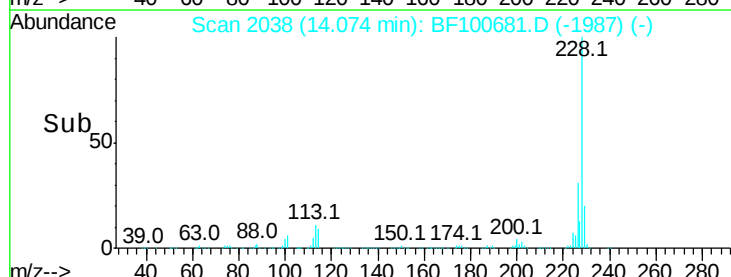


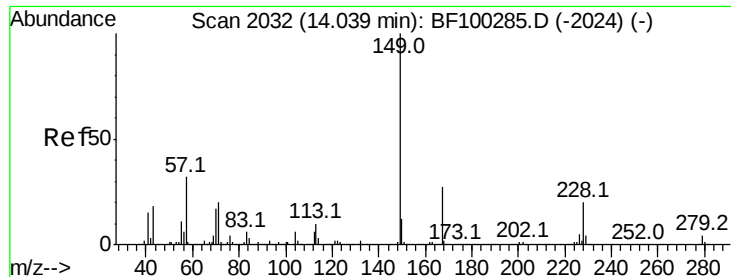
#82
 Chrysene
 Concen: 46.036 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





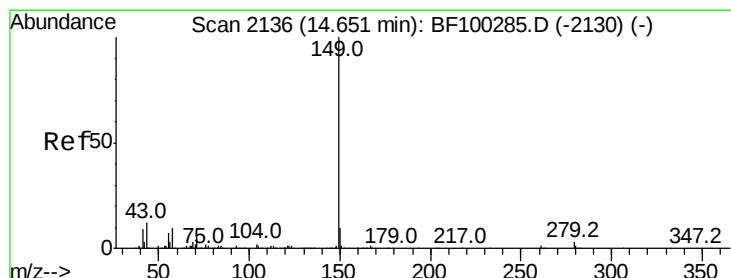
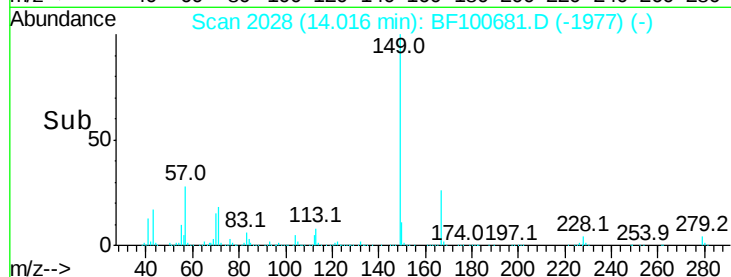
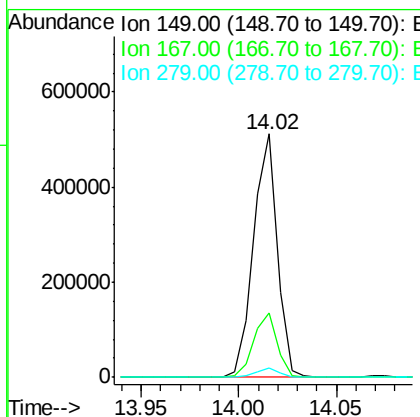
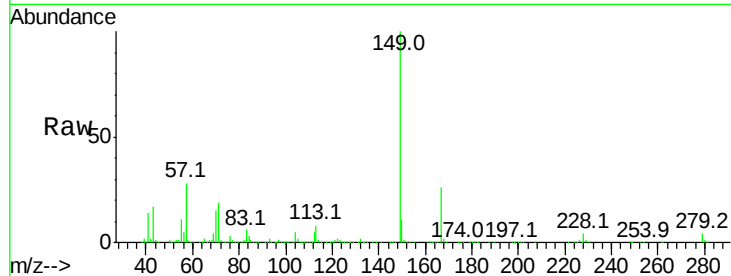
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.137 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	432920		
167	26.3		21.3	31.9
279	3.8		3.0	4.4

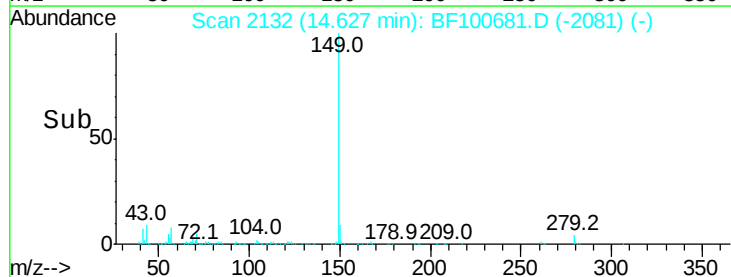
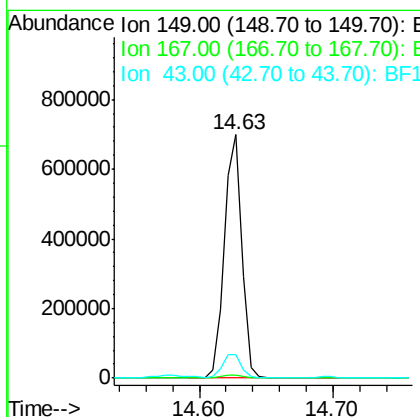
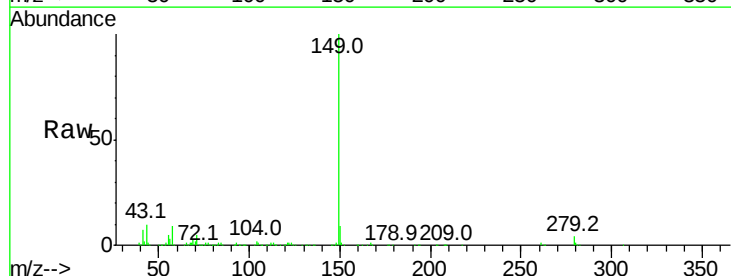
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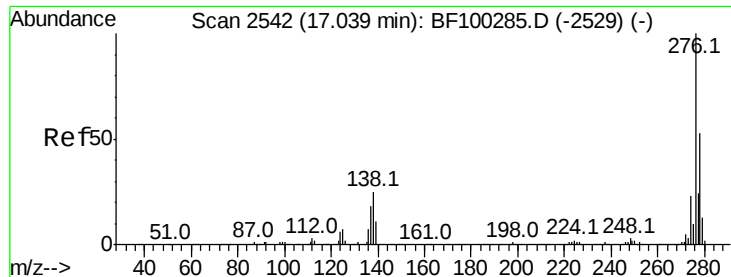
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#84
 Di-n-octyl phthalate
 Concen: 40.938 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	645922		
167	1.5		1.2	1.8
43	10.1		8.4	12.6





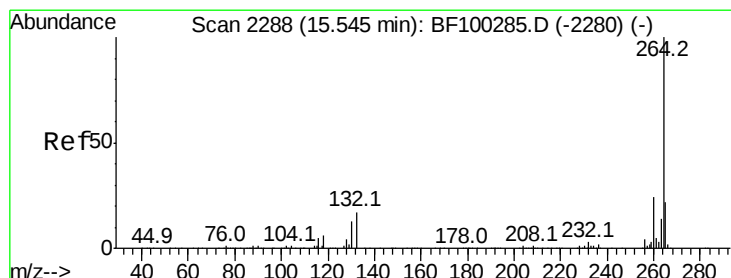
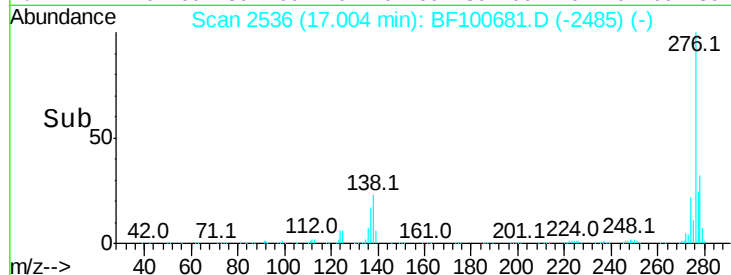
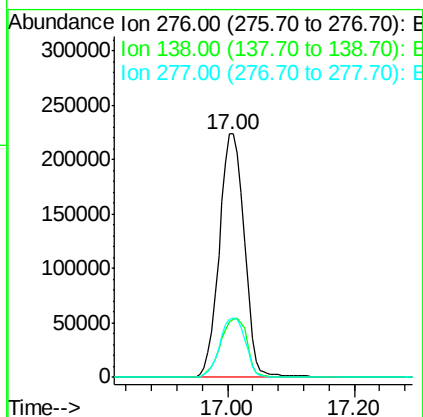
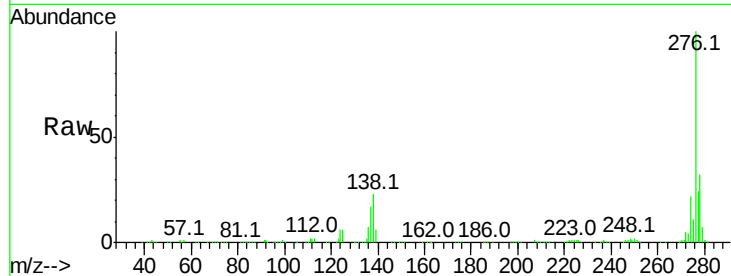
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.304 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampleId :
PB104282BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	25.1	20.1	30.1

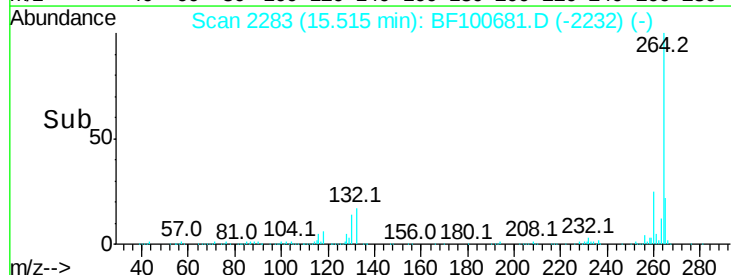
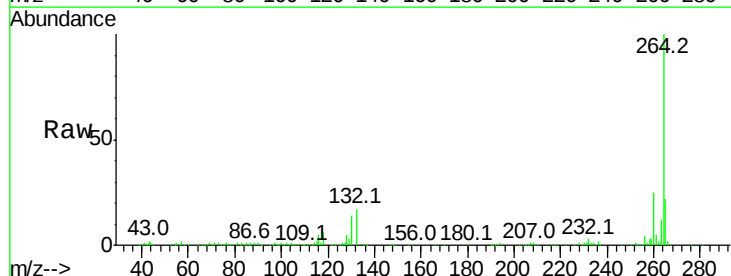
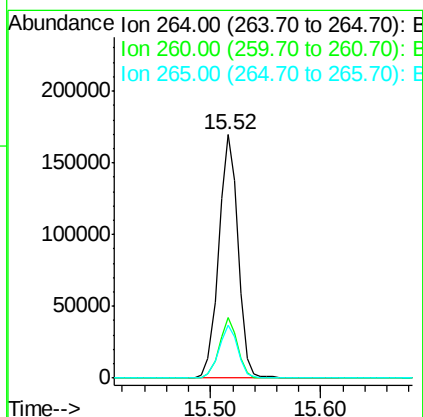
Manual Integrations
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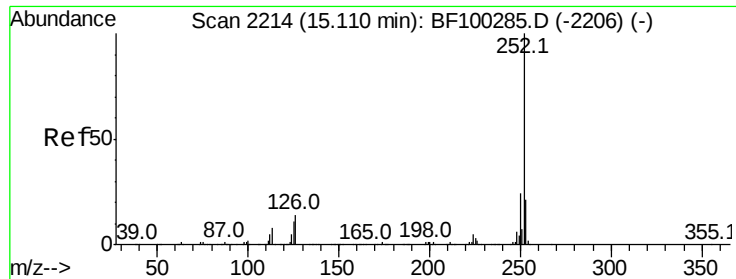
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 48.499 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Instrument :

BNA_F

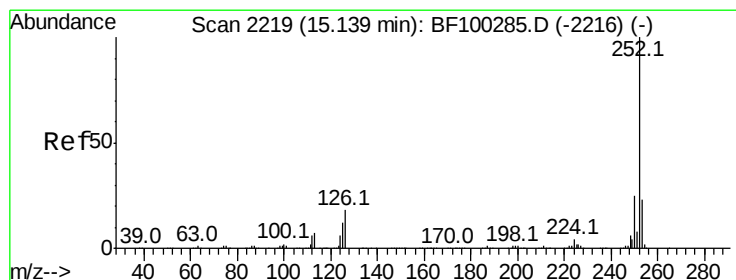
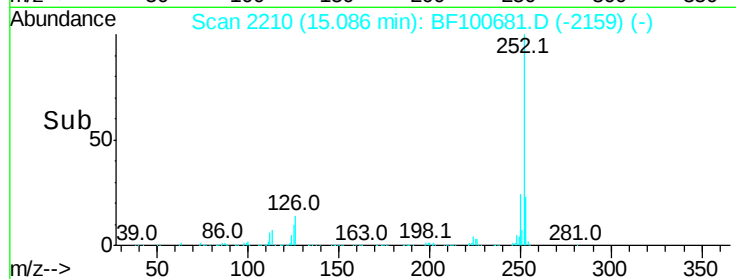
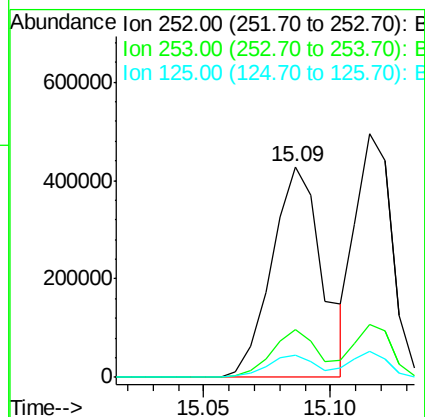
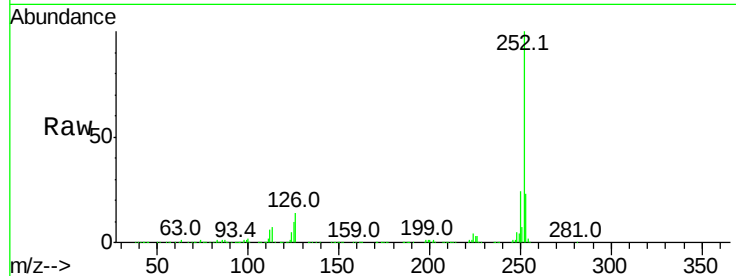
ClientSampleId :

PB104282BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.4	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.206 ng

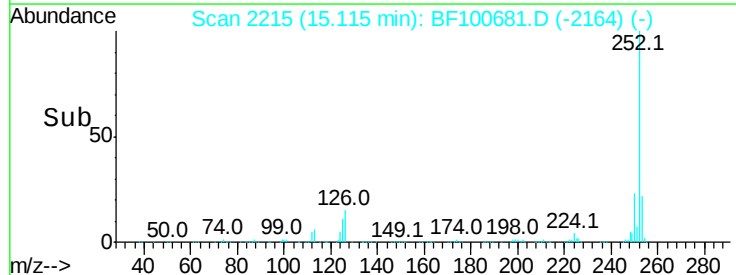
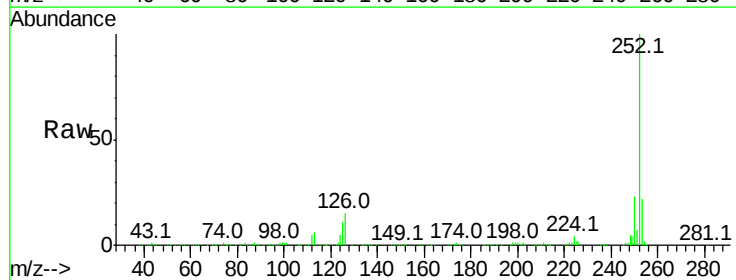
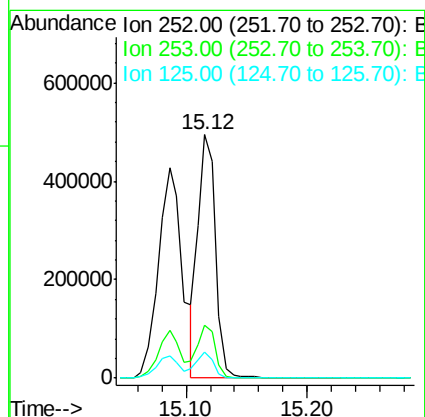
RT: 15.12 min Scan# 2215

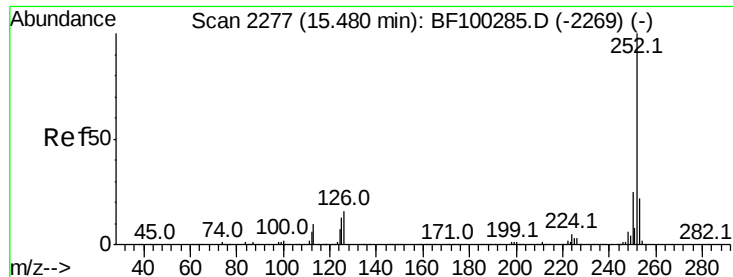
Delta R.T. 0.00 min

Lab File: BF100681.D

Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.8	10.2	15.2





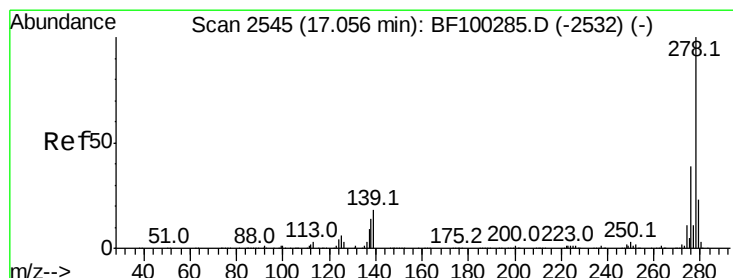
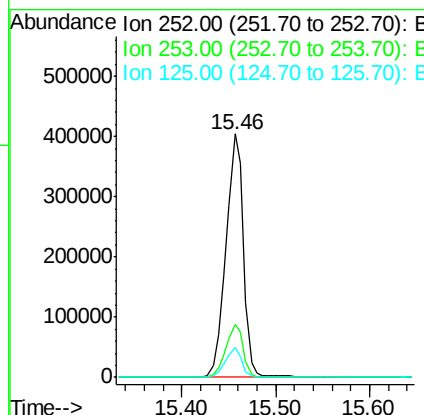
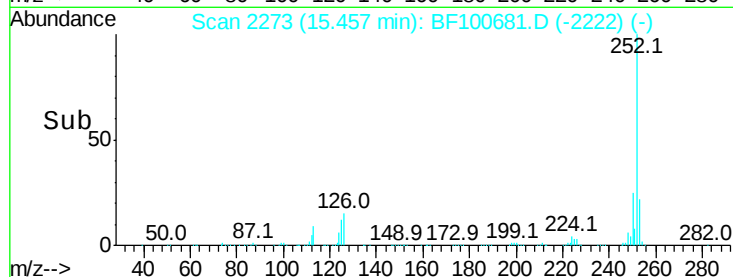
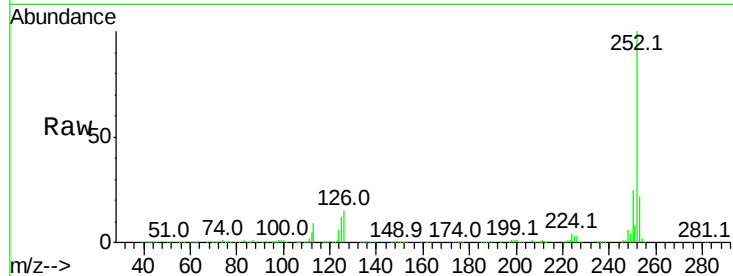
#89
Benzo(a)pyrene
Concen: 48.425 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Instrument :
BNA_F
ClientSampled :
PB104282BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.2	9.8	14.6

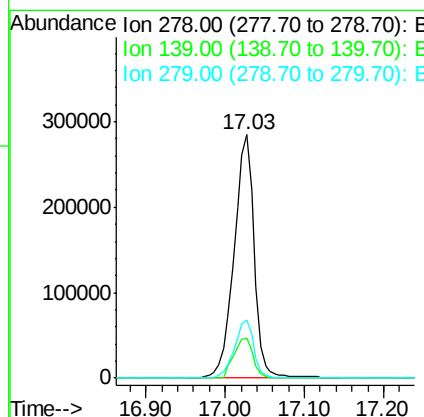
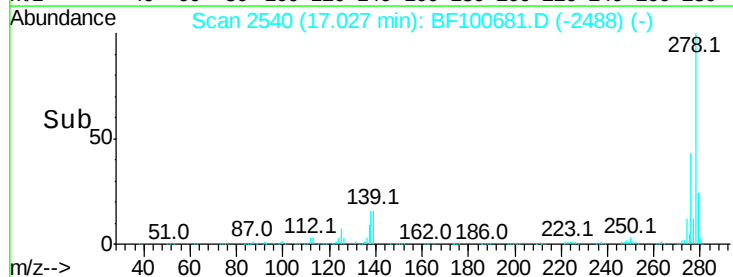
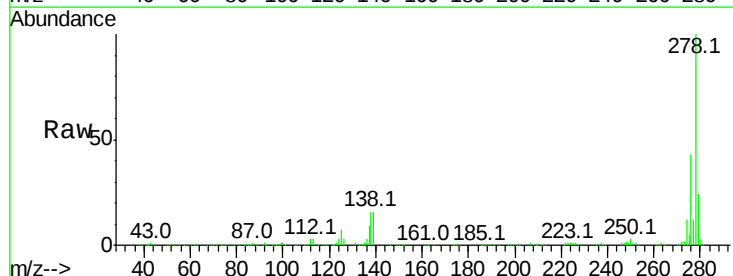
Manual Integrations
APPROVED

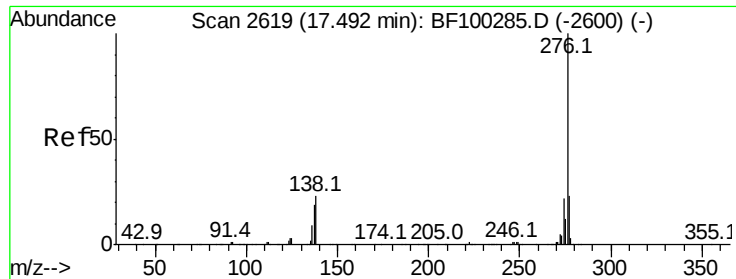
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#90
Dibenzo(a,h)anthracene
Concen: 56.583 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF100681.D
Acq: 17 Nov 2017 18:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 60.514 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.01 min
 Lab File: BF100681.D
 Acq: 17 Nov 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BS

Tot Ion:	276	Resp:	524388
Ion Ratio		Lower	Upper
276	100		
277	24.5	17.9	26.9
138	22.8	21.8	32.8

Manual Integrations
 APPROVED

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 11/20/2017 2:51:13 PM

