

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100405.D
 Acq On : 10 Nov 2017 21:37
 Operator : SJ/JU
 Sample : I6382-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:30 PM

Quant Time: Nov 10 23:18:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160125	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	611720	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	251350	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	404547	20.00	ng	0.00
75) Chrysene-d12	14.07	240	309505	20.00	ng	0.00
86) Perylene-d12	15.55	264	250200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1139060	114.03	ng	0.03
7) Phenol-d6	6.54	99	1302820	105.77	ng	0.01
23) Nitrobenzene-d5	7.47	82	969243	104.75	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	297883	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1618779	98.07	ng	0.00
78) Terphenyl-d14	13.01	244	1147407	85.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	175387	36.028	ng	# 81
3) Pyridine	3.61	79	337968	25.447	ng	95
4) n-Nitrosodimethylamine	3.56	42	251272	38.968	ng	98
6) Aniline	6.57	93	128408	7.379	ng	100
8) 2-Chlorophenol	6.69	128	438478	41.493	ng	96
9) Benzaldehyde	6.46	77	245908	27.954	ng	98
10) Phenol	6.55	94	464489	35.920	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	443928	40.871	ng	97
12) 1,3-Dichlorobenzene	6.85	146	496800	40.776	ng	98
13) 1,4-Dichlorobenzene	6.92	146	501306	40.653	ng	99
14) 1,2-Dichlorobenzene	7.08	146	463670	40.668	ng	96
15) Benzyl Alcohol	7.05	79	386979	40.253	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	819659	47.183	ng	99
17) 2-Methylphenol	7.15	107	378615	41.926	ng	99
18) Hexachloroethane	7.42	117	134161	32.997	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	321704	37.659	ng	96
20) 3+4-Methylphenols	7.30	107	433352	37.921	ng	# 88
22) Acetophenone	7.32	105	598445	40.119	ng	# 97
24) Nitrobenzene	7.49	77	488689	51.315	ng	96
25) Isophorone	7.73	82	881912	45.358	ng	100
26) 2-Nitrophenol	7.80	139	212609	47.659	ng	93
27) 2,4-Dimethylphenol	7.83	122	414245	47.526	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	561452	44.145	ng	100
29) 2,4-Dichlorophenol	8.04	162	372462	44.763	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	397148	44.124	ng	98
31) Naphthalene	8.21	128	1249924	42.422	ng	99
32) Benzoic acid	7.95	122	229526	37.046	ng	97
33) 4-Chloroaniline	8.25	127	66948	5.459	ng	98
34) Hexachlorobutadiene	8.32	225	224892	42.024	ng	99
35) Caprolactam	8.63	113	90153m	31.571	ng	
36) 4-Chloro-3-methylphenol	8.73	107	371258	41.543	ng	97
37) 2-Methylnaphthalene	8.90	142	828268	42.343	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	377789	45.320	ng	97
40) Hexachlorocyclopentadiene	9.05	237	59511	15.168	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	250142	47.346	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	253659	46.340	ng	94
45) 1,1'-Biphenyl	9.36	154	959383	44.131	ng	99
46) 2-Chloronaphthalene	9.39	162	740133	46.930	ng	96
47) 2-Nitroaniline	9.49	65	245578	52.426	ng	97
48) Acenaphthylene	9.80	152	1110787	42.500	ng	99
49) Dimethylphthalate	9.66	163	881550	45.936	ng	99
50) 2,6-Dinitrotoluene	9.72	165	178576	47.009	ng	95
51) Acenaphthene	9.98	154	639634	40.240	ng	99
52) 3-Nitroaniline	9.89	138	122870	27.391	ng	98
53) 2,4-Dinitrophenol	9.99	184	11589	16.912	ng #	28
54) Dibenzofuran	10.15	168	960713	43.123	ng	98
55) 4-Nitrophenol	10.05	139	240223	65.953	ng	90
56) 2,4-Dinitrotoluene	10.13	165	212235	44.287	ng	92
57) Fluorene	10.49	166	684208	41.923	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	187097	41.705	ng #	88
59) Diethylphthalate	10.36	149	835804	43.521	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	349835	43.695	ng	92
61) 4-Nitroaniline	10.51	138	171474	40.314	ng	91
62) Azobenzene	10.64	77	746485	41.270	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	10180	12.664	ng	93
65) n-Nitrosodiphenylamine	10.60	169	661606	47.034	ng	97
66) 4-Bromophenyl-phenylether	10.97	248	216167	49.846	ng #	84
67) Hexachlorobenzene	11.04	284	210586	46.429	ng #	86
68) Atrazine	11.12	200	191699	45.021	ng	99
69) Pentachlorophenol	11.23	266	223061	68.585	ng	97
70) Phenanthrene	11.46	178	921810	43.278	ng	99
71) Anthracene	11.50	178	945776	43.766	ng	100
72) Carbazole	11.66	167	828299	41.541	ng	99
73) Di-n-butylphthalate	11.99	149	1157195	49.592	ng	99
74) Fluoranthene	12.64	202	918766	40.700	ng	99
76) Benzidine	12.76	184	143056	11.541	ng	96
77) Pyrene	12.87	202	934803	42.370	ng	99
79) Butylbenzylphthalate	13.49	149	431835	47.995	ng #	91
80) Benzo(a)anthracene	14.06	228	822678	44.139	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	257676	38.587	ng	99
82) Chrysene	14.09	228	793099	43.942	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	589393	49.806	ng	99
84) Di-n-octyl phthalate	14.65	149	1022721	50.307	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	576484	39.489	ng	96
87) Benzo(b)fluoranthene	15.12	252	668169	45.076	ng	98
88) Benzo(k)fluoranthene	15.14	252	641384	45.795	ng	97
89) Benzo(a)pyrene	15.49	252	595326	45.302	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	487868	45.396	ng	97
91) Benzo(g,h,i)perylene	17.50	276	475166	45.168	ng	95

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

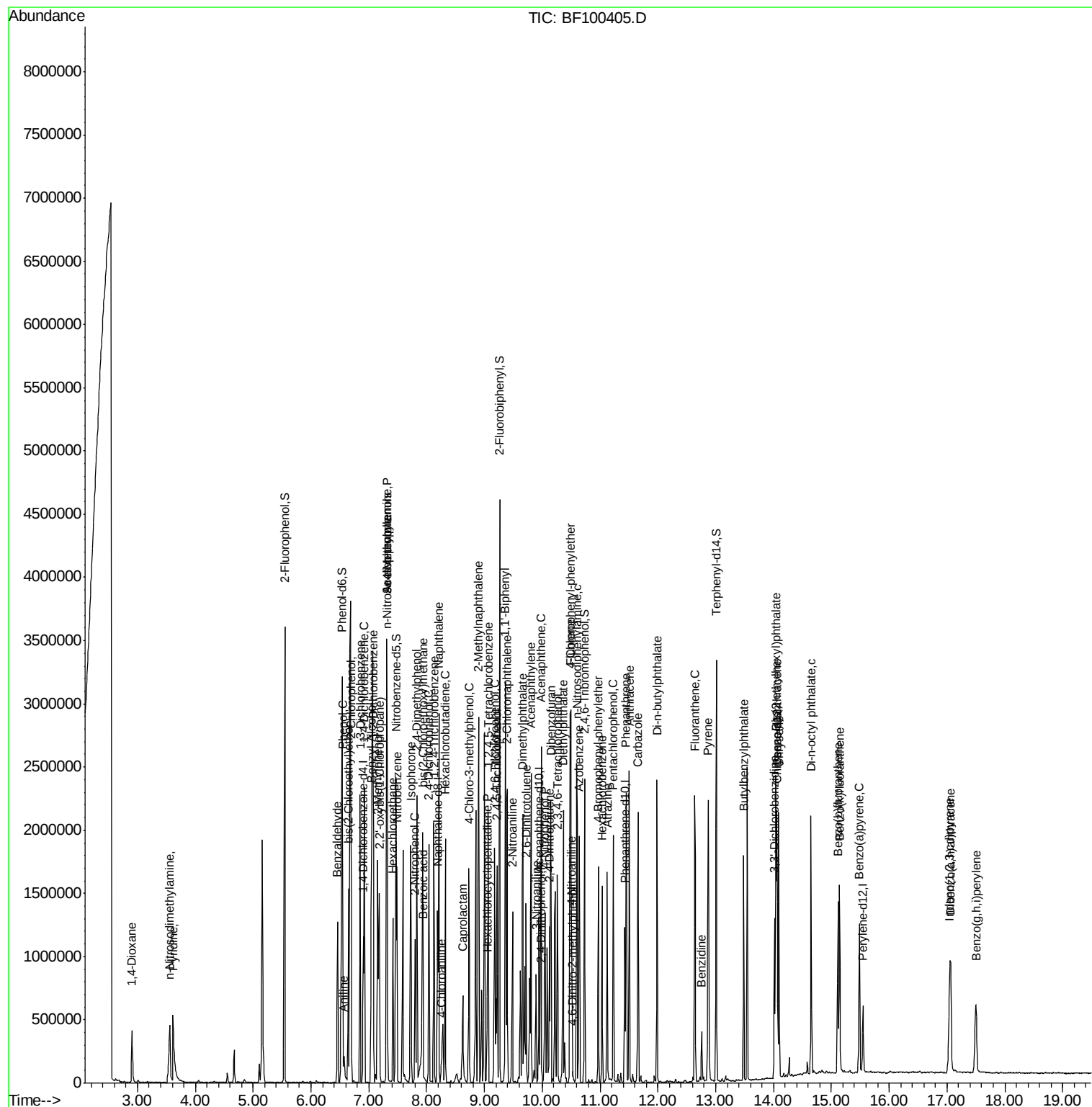
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
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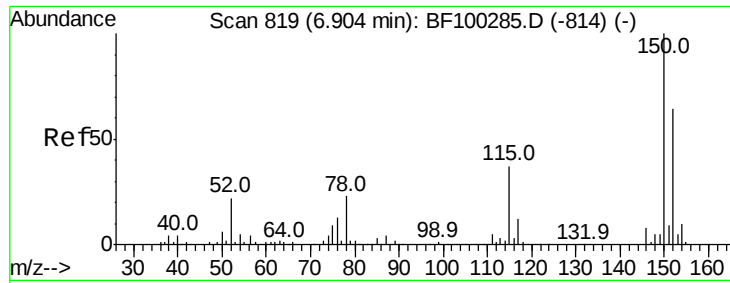
Instrument :
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#1

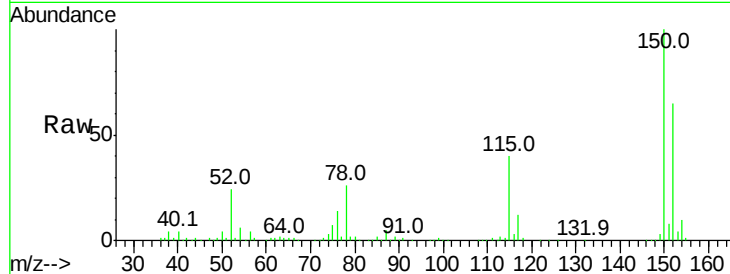
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

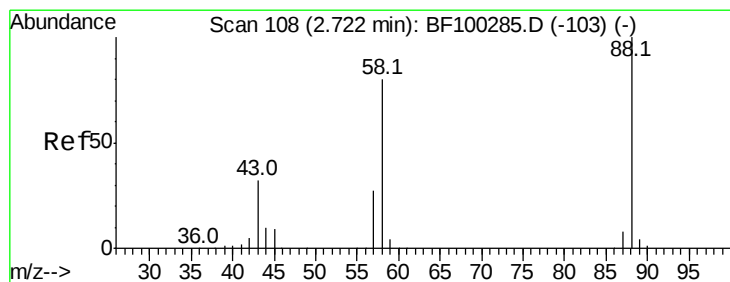
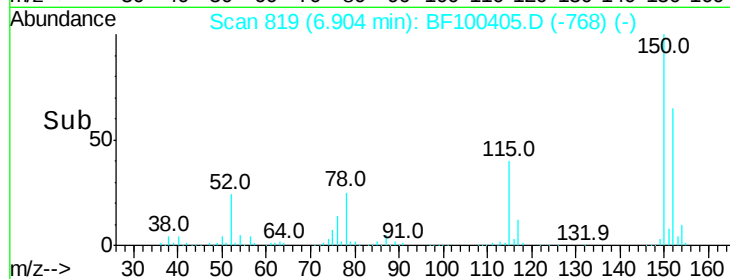
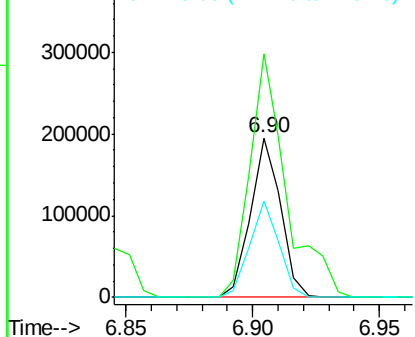
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	60.7	50.1	75.1

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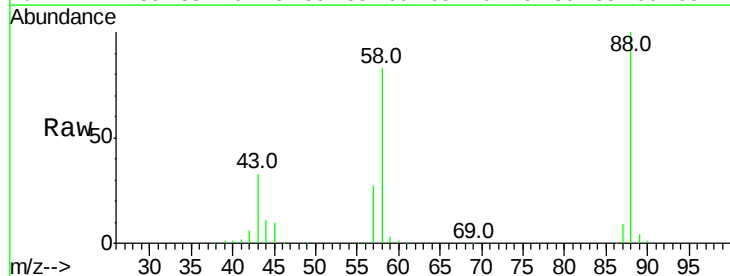
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



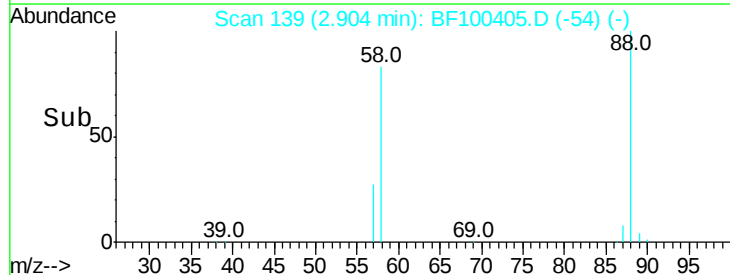
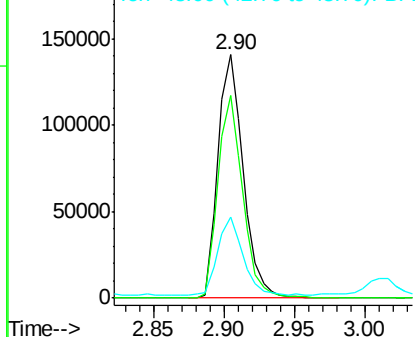
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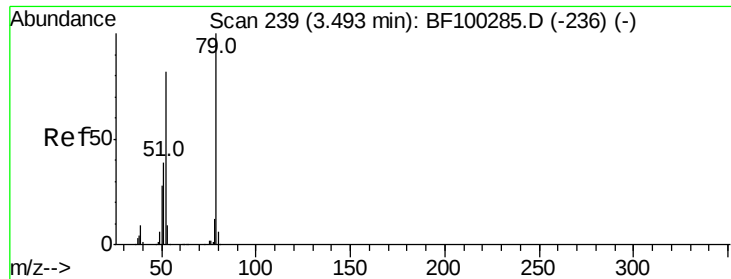
1,4-Dioxane
Concen: 36.028 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.20 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	62.6	93.8
43	0.0	24.6	37.0#



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





#3

Pvridine

Concen: 25.447 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.13 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

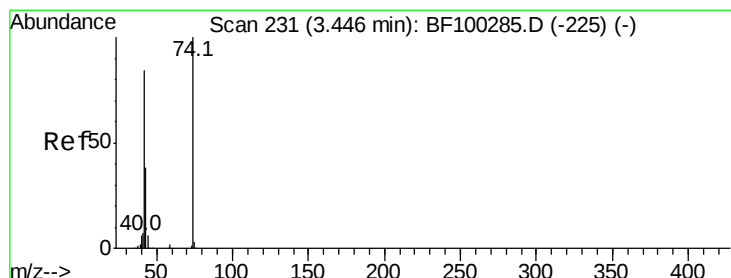
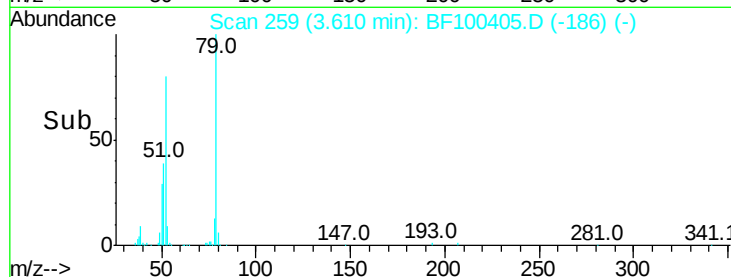
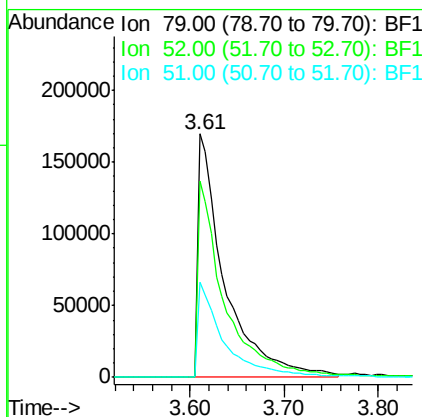
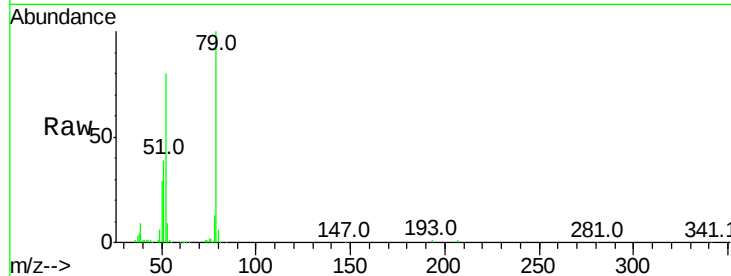
ClientSampleId :

TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	80.4	59.8	89.6		
51	38.9	29.8	44.8		

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#4

n-Nitrosodimethylamine

Concen: 38.968 ng

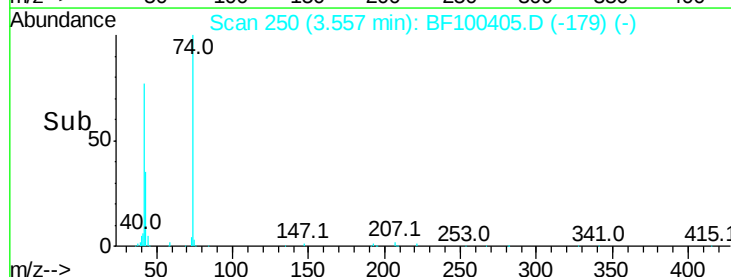
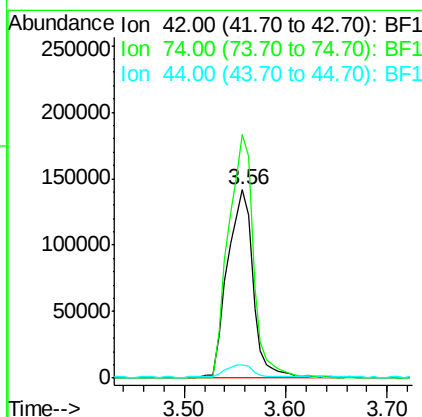
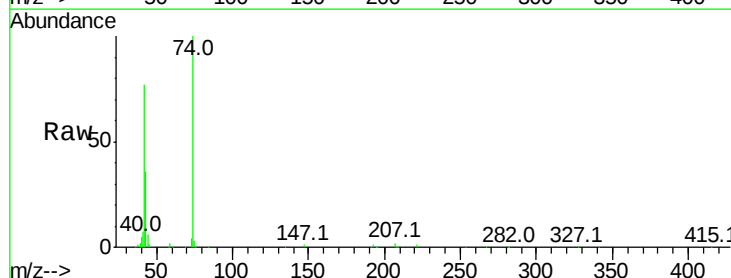
RT: 3.56 min Scan# 250

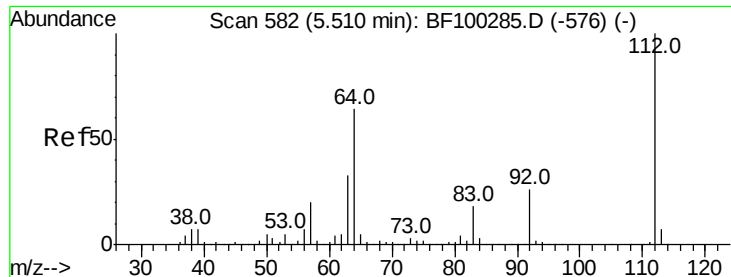
Delta R.T. 0.12 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	129.3	104.9	157.3		
44	7.3	6.9	10.3		





#5

2-Fluorophenol

Concen: 114.030 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:112 Resp: 1139060

Ion Ratio Lower Upper

112 100

64 60.3 47.9 71.9

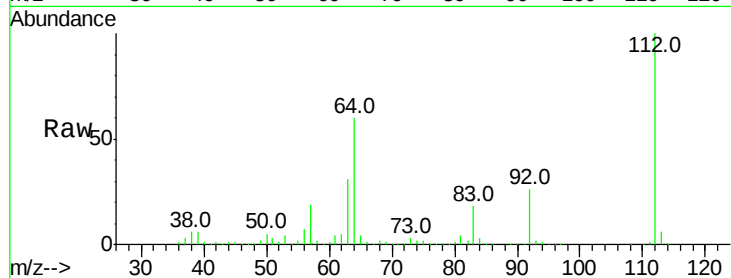
63 31.2 23.7 35.5

Manual Integrations

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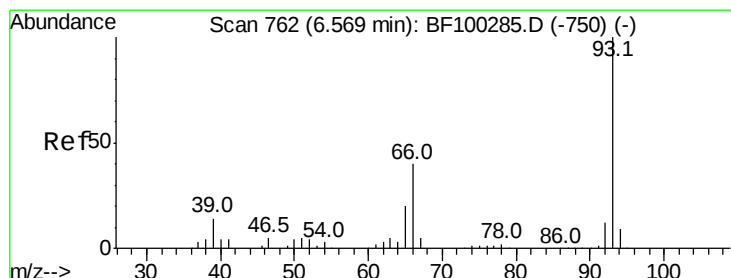
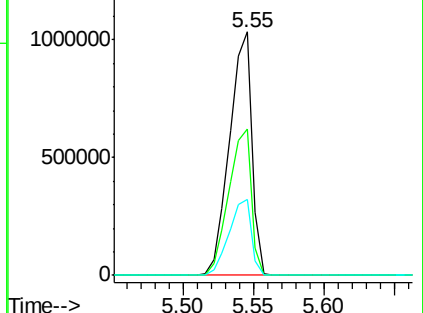
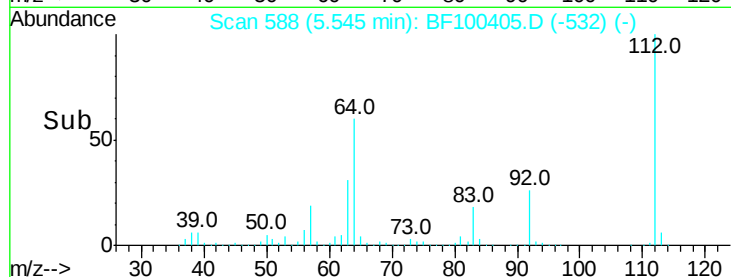
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.379 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

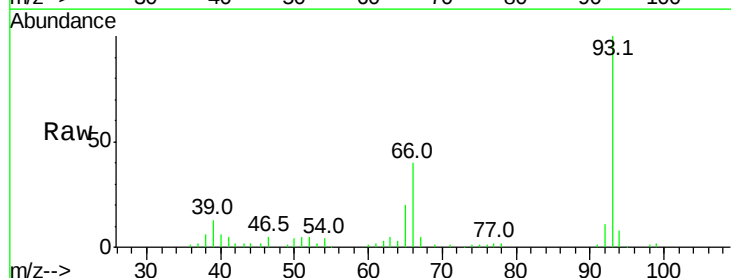
Tgt Ion: 93 Resp: 128408

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

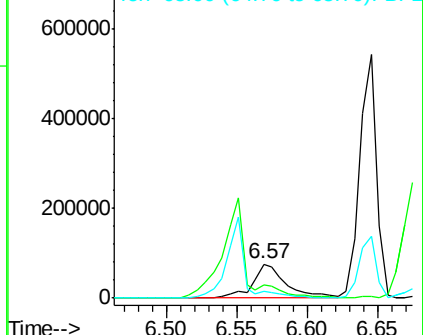
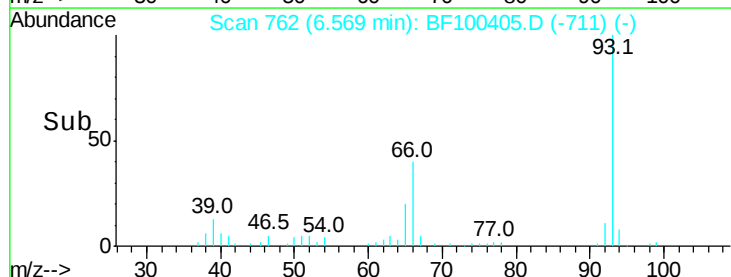
65 20.1 16.4 24.6

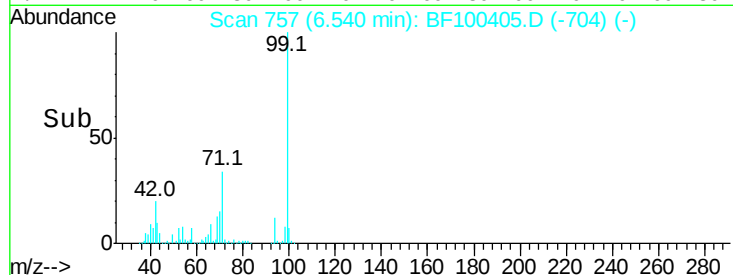
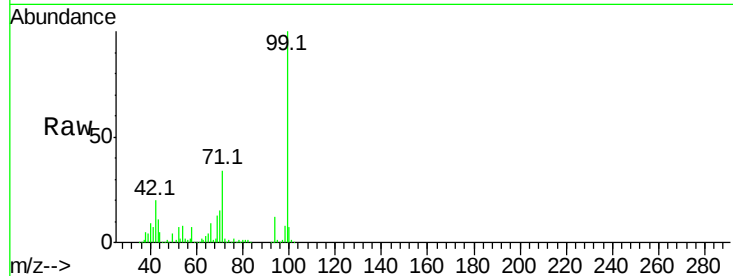


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.766 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tot Ion:	99	Resp:	1302820
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.6	25.4	38.0

Instrument :

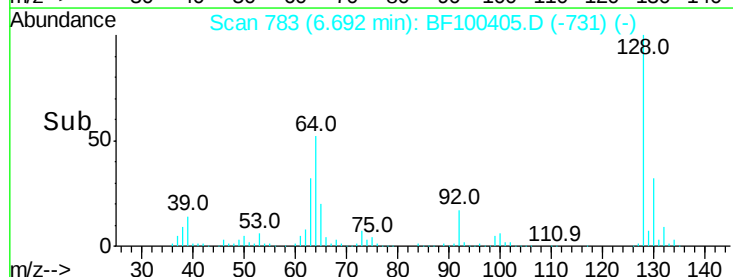
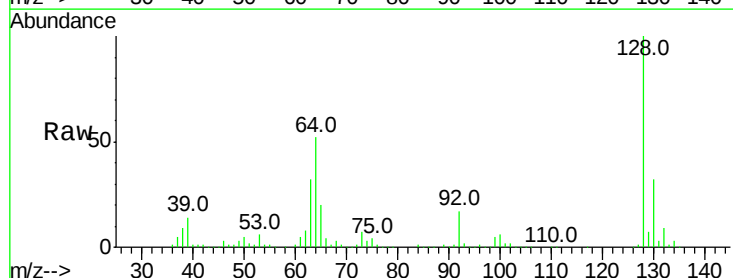
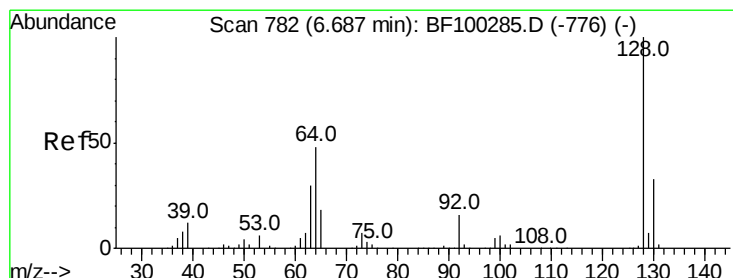
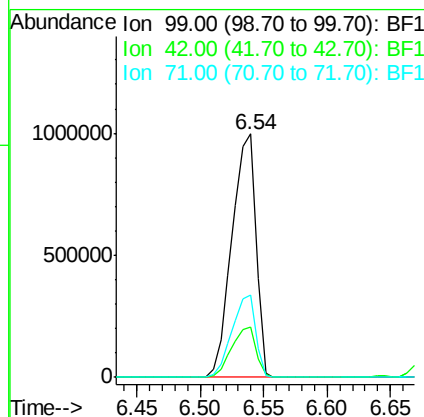
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.493 ng

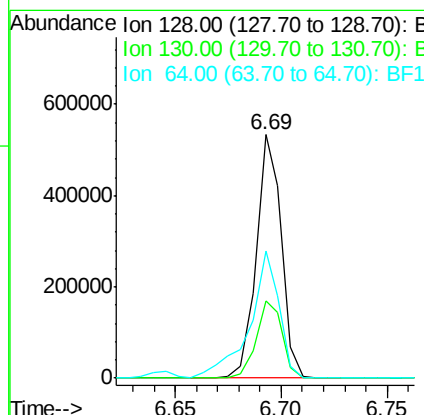
RT: 6.69 min Scan# 783

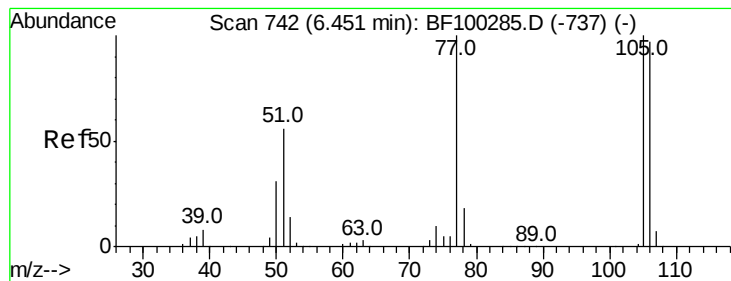
Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	128	Resp:	438478
Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	52.4	29.4	69.4





#9

Benzaldehyde

Concen: 27.954 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion: 77 Resp: 245908

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

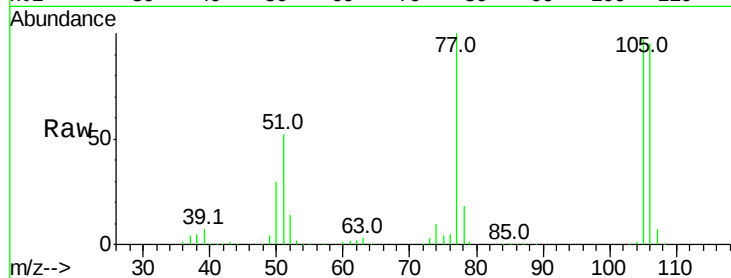
106 95.4 74.5 114.5

Manual Integrations

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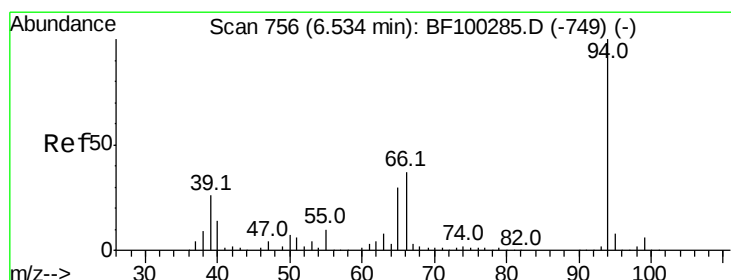
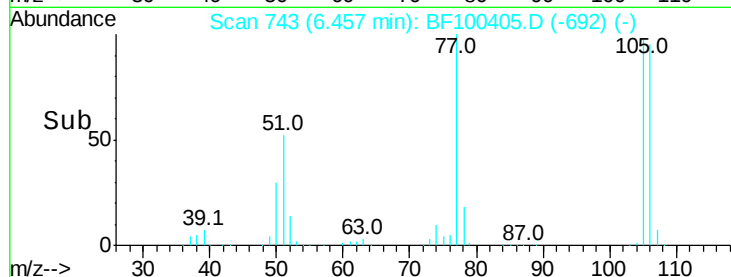
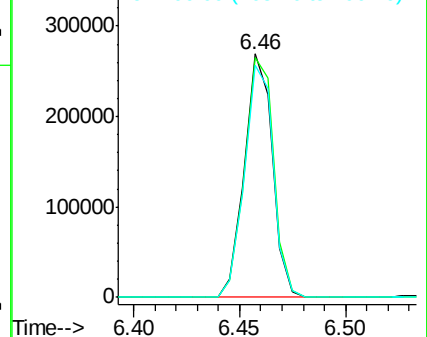
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.920 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

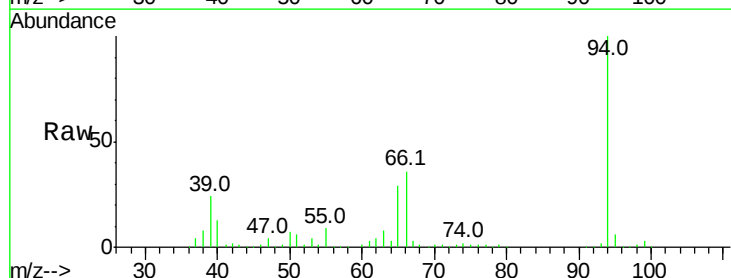
Tgt Ion: 94 Resp: 464489

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

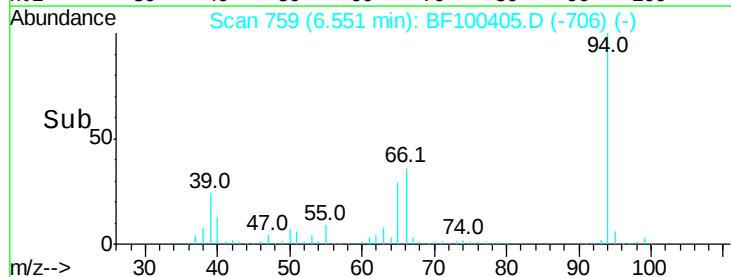
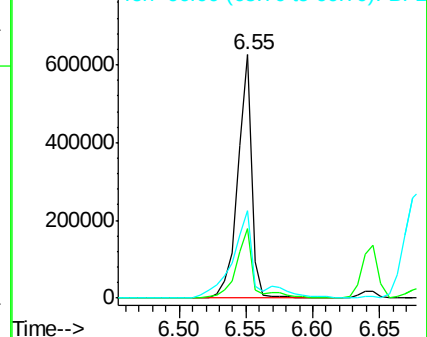
66 36.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





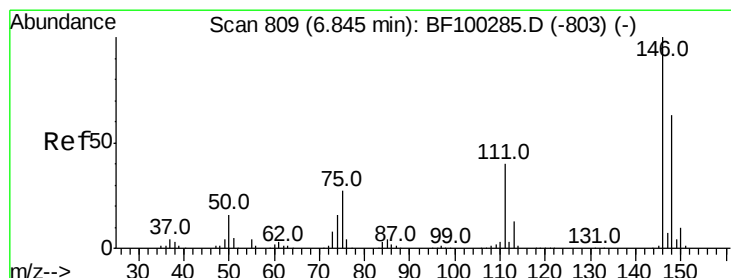
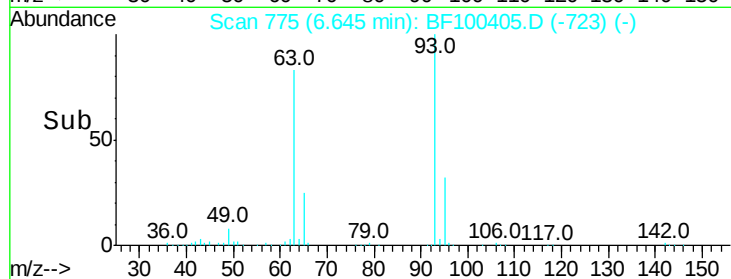
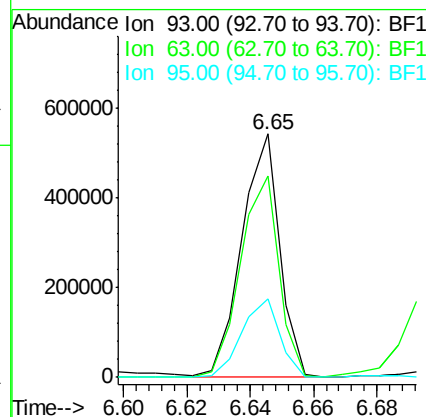
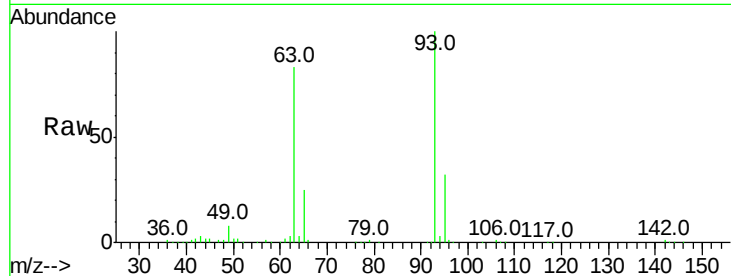
#11
bis(2-Chloroethyl)ether
Concen: 40.871 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	58.6	98.6
95	32.0	11.8	51.8

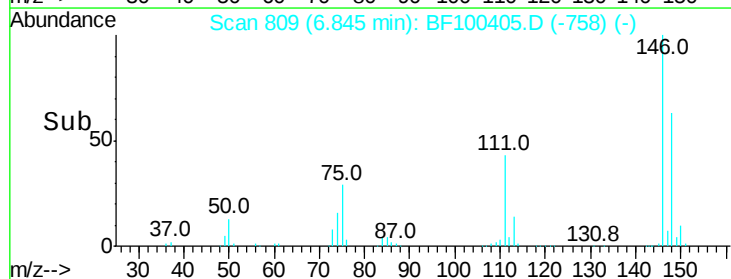
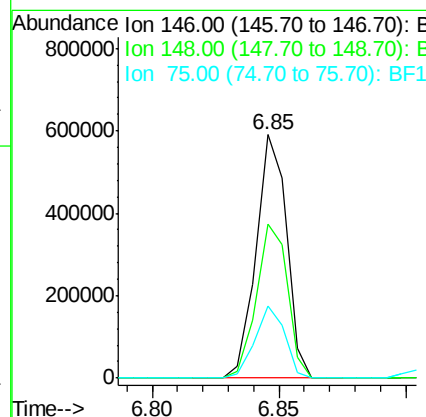
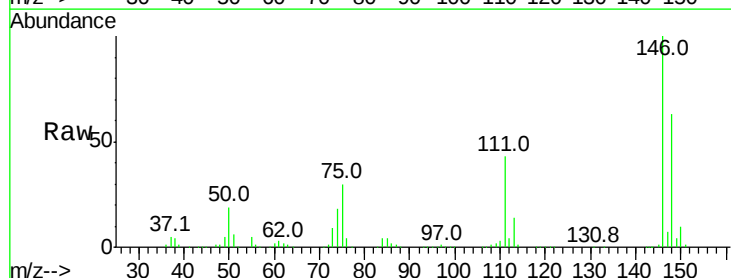
Manual Integrations
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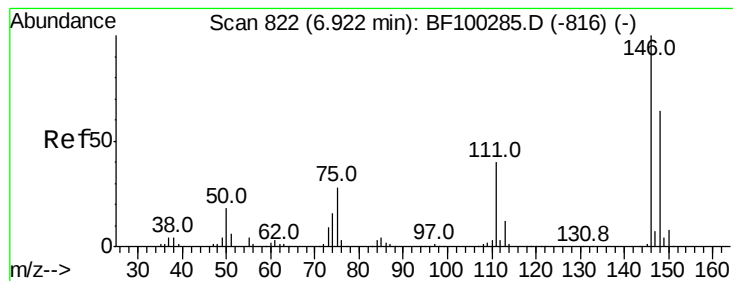
SOHIL
11/13/2017 4:43:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.776 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.653 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

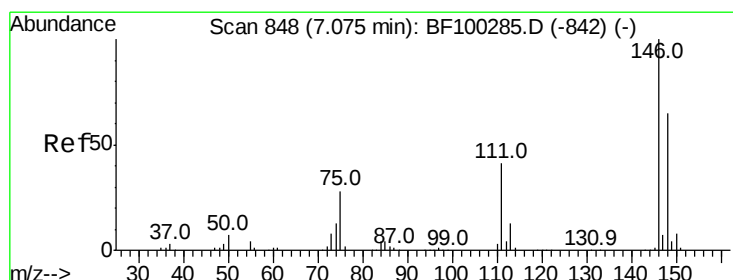
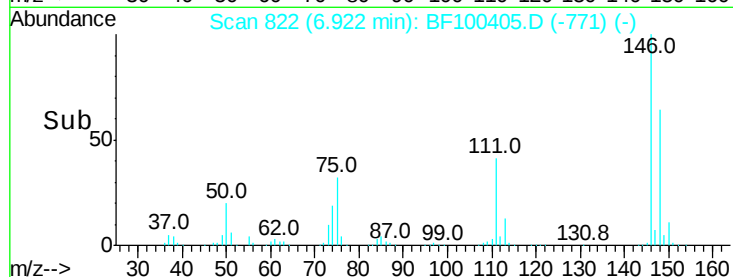
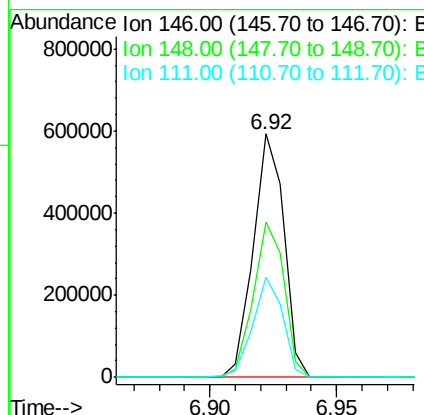
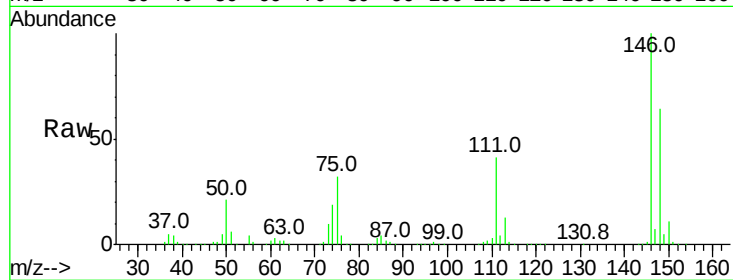
ClientSampleId :

TP-3MSD

Tot Ion:	146	Resp:	501306
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	41.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.668 ng

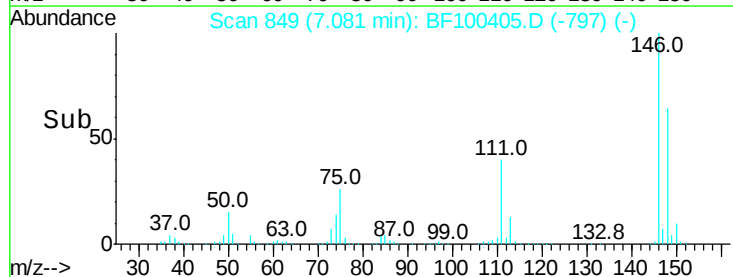
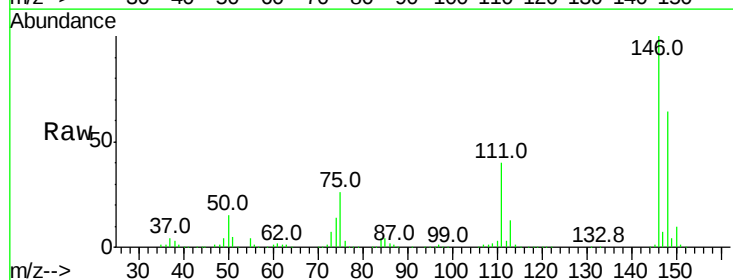
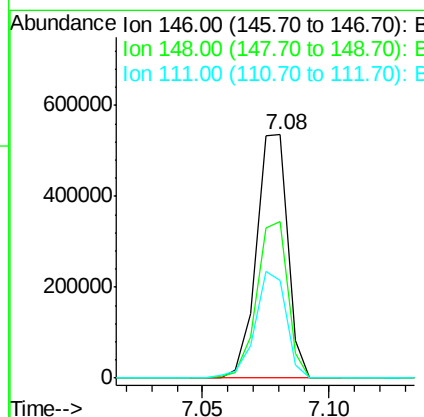
RT: 7.08 min Scan# 849

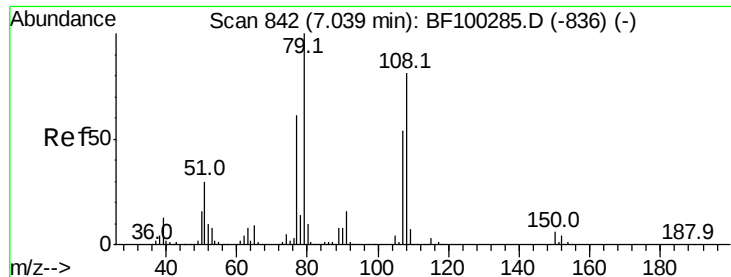
Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	146	Resp:	463670
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	40.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.253 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

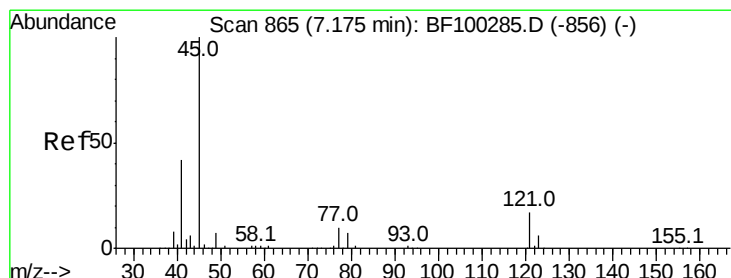
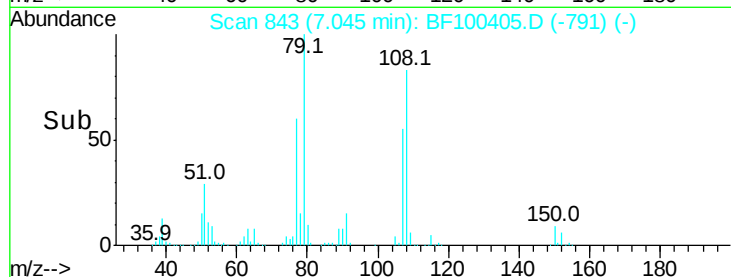
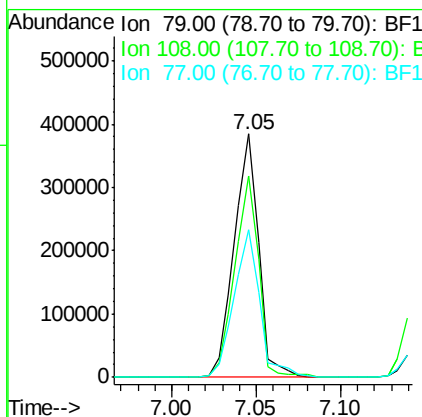
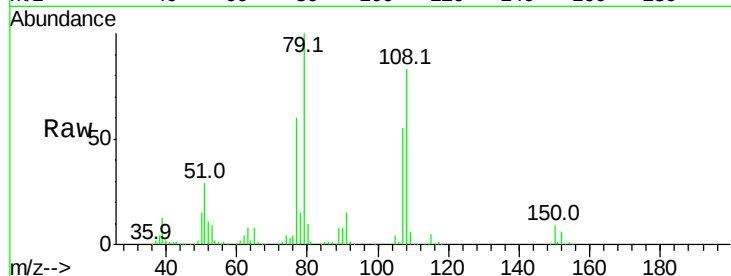
ClientSampled :

TP-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	65.1	97.7
77	60.5	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.183 ng

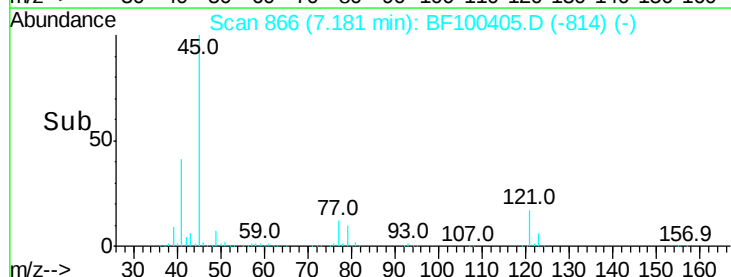
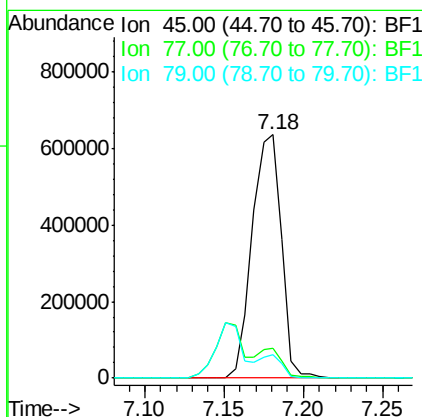
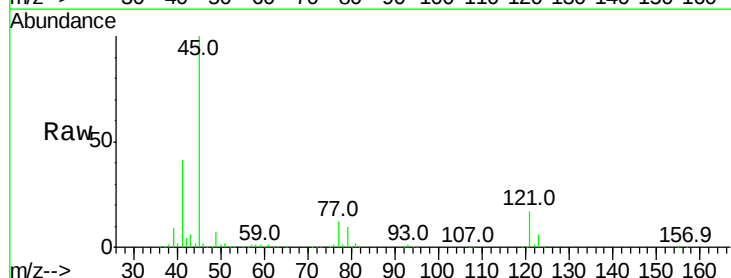
RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.6	0.0	29.6





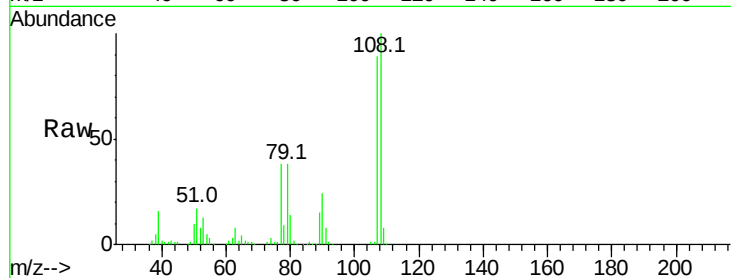
#17
2-Methylphenol
Concen: 41.926 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

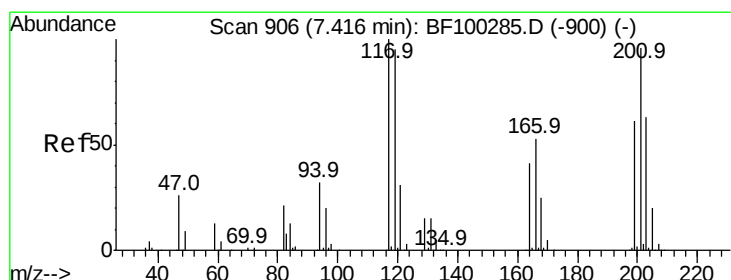
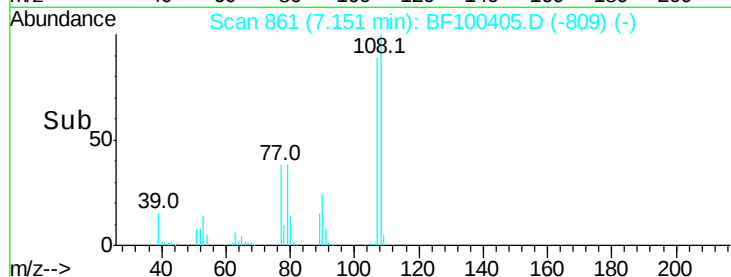
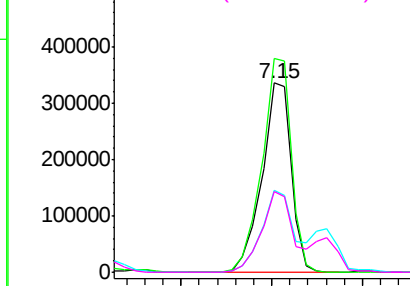
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.7	137.5	
77	43.2	33.8	50.8	
79	43.0	33.8	50.8	

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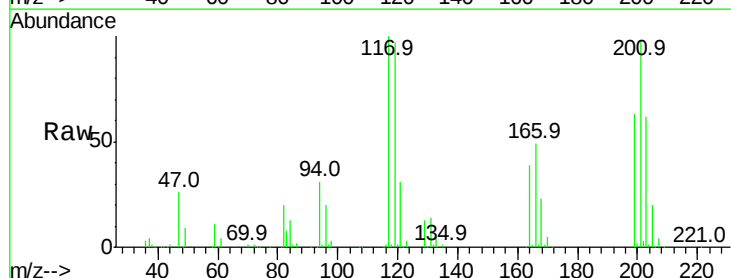


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

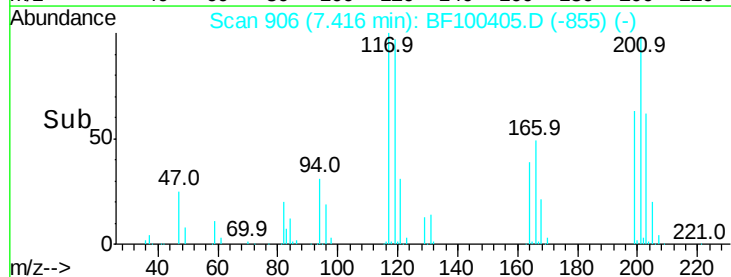
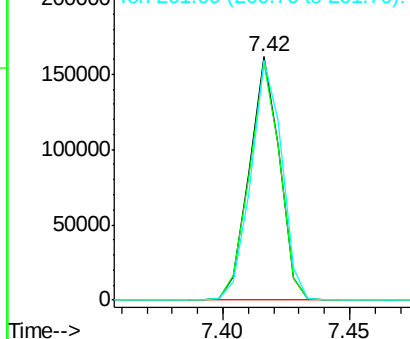


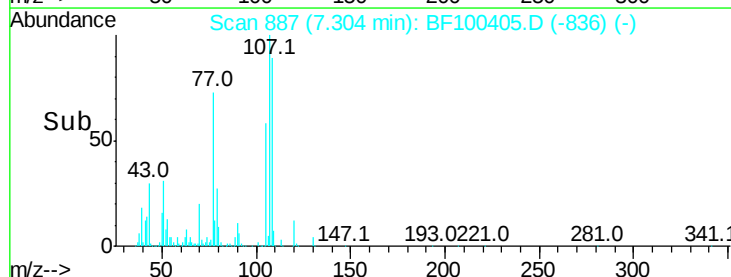
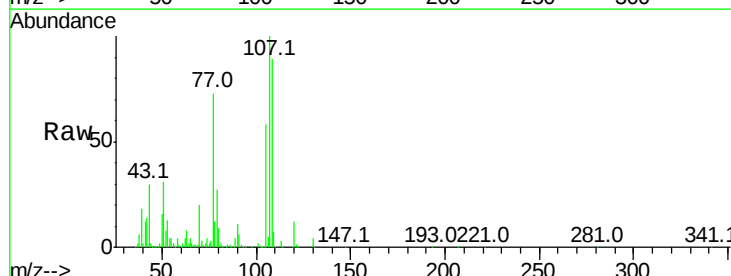
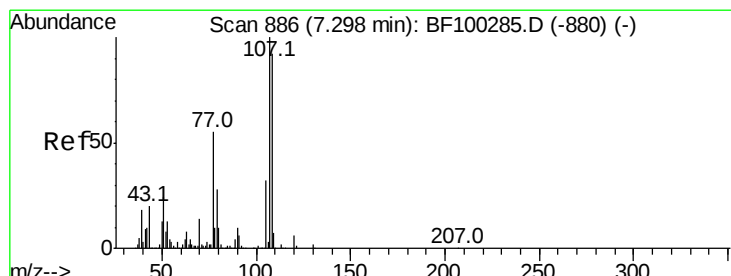
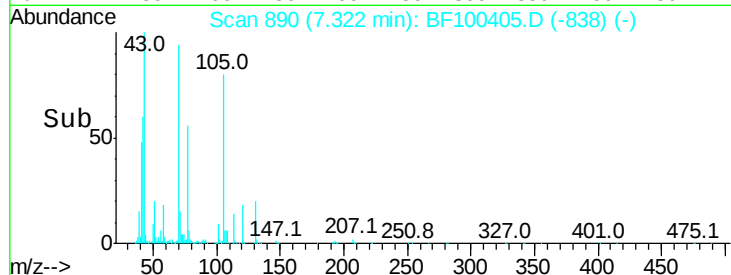
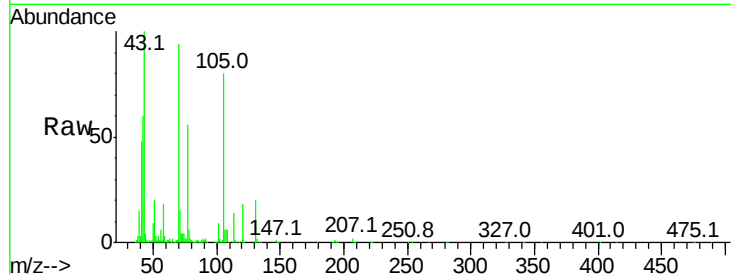
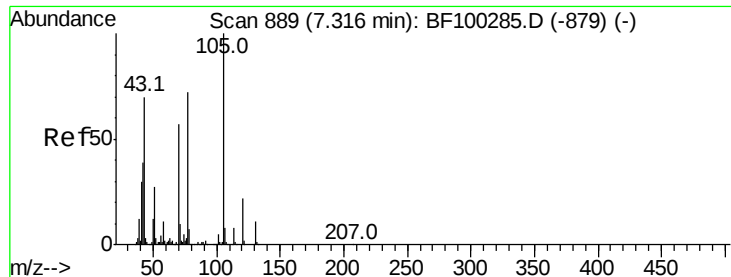
#18
Hexachloroethane
Concen: 32.997 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	75.8	113.8	
201	98.5	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





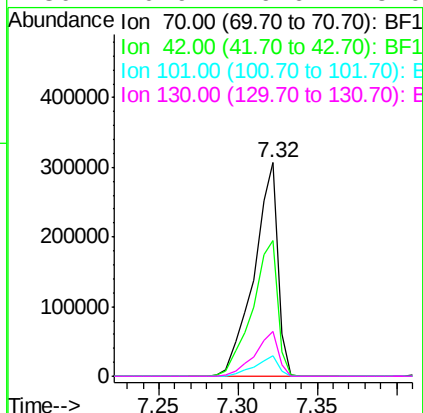
#19
n-Nitroso-di-n-propylamine
Concen: 37.659 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.5	71.3
101	9.6	7.4	11.2
130	20.9	16.6	25.0

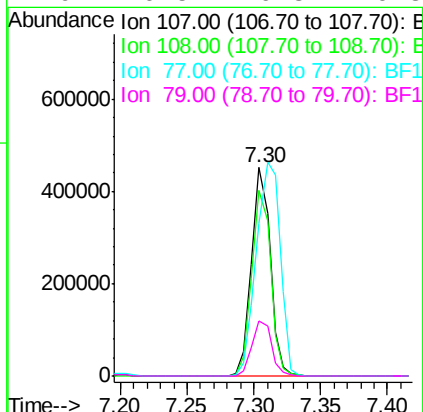
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#20
3+4-Methylphenols
Concen: 37.921 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	73.3	26.7	66.7#
79	26.5	6.3	46.3





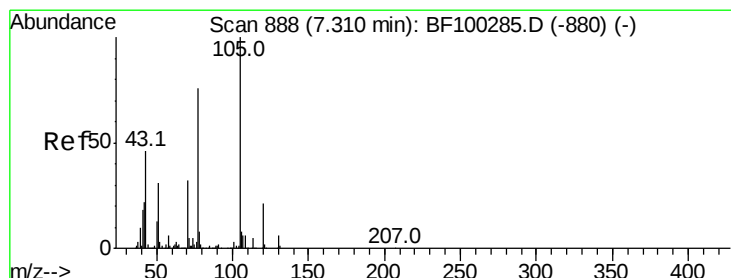
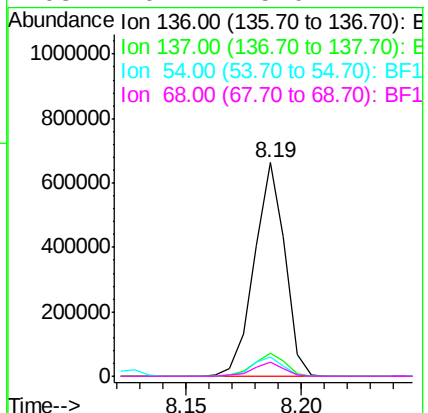
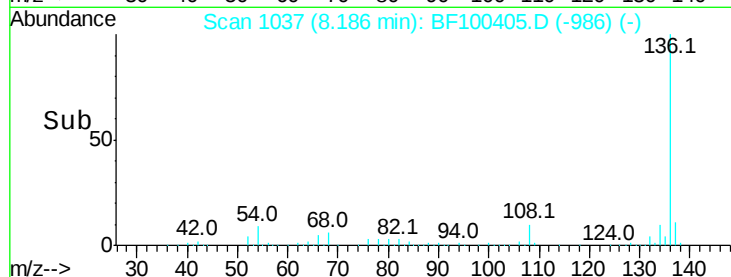
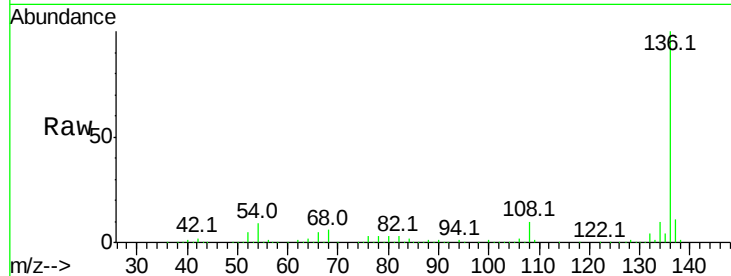
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	611720		
137	11.1		8.9	13.3
54	8.8		6.6	9.8
68	6.4		5.0	7.4

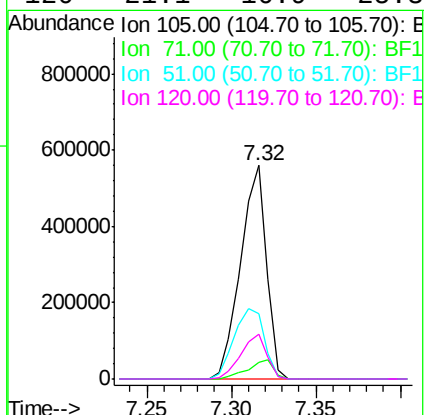
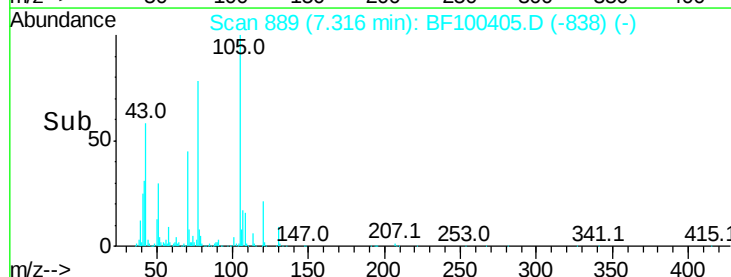
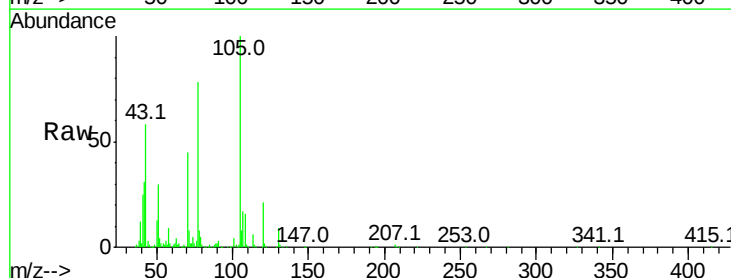
Manual Integrations
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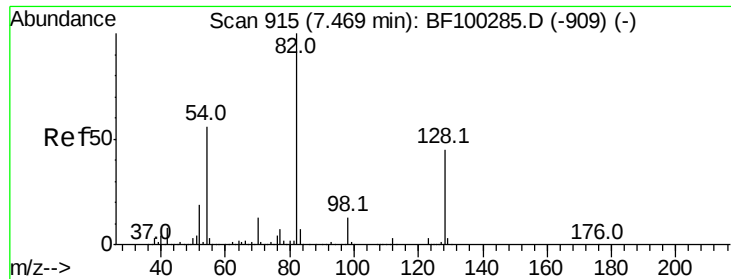
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#22
Acetophenone
Concen: 40.119 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598445		
71	7.6		4.4	6.6#
51	30.4		22.3	33.5
120	21.1		16.9	25.3





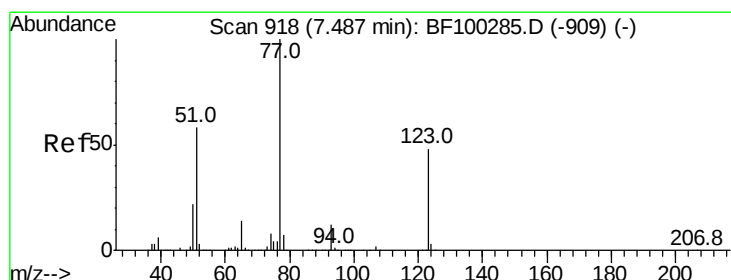
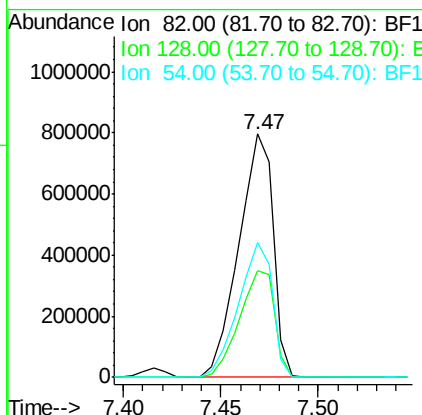
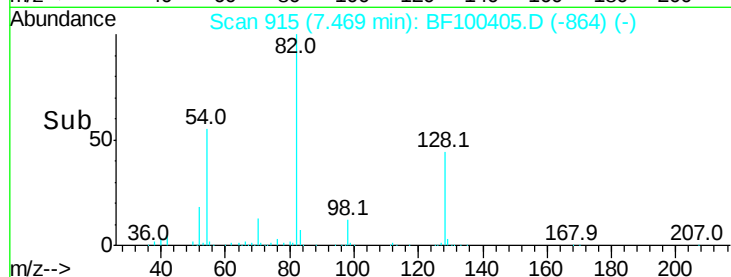
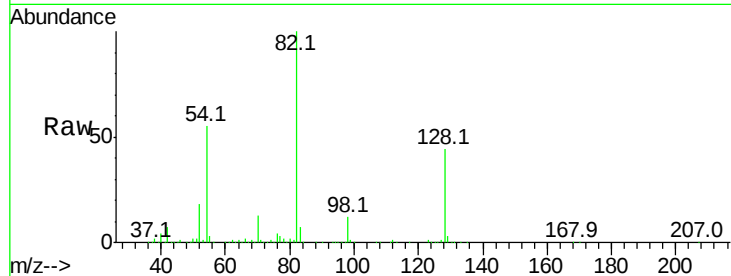
#23
Nitrobenzene-d5
Concen: 104.754 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	55.3	41.4	62.2

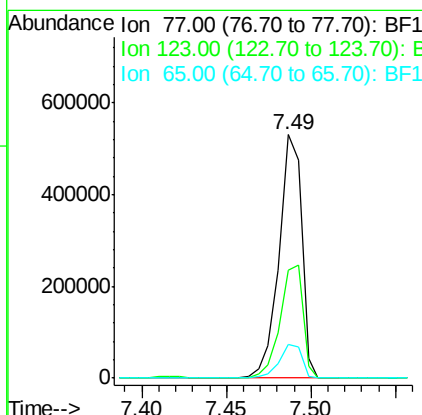
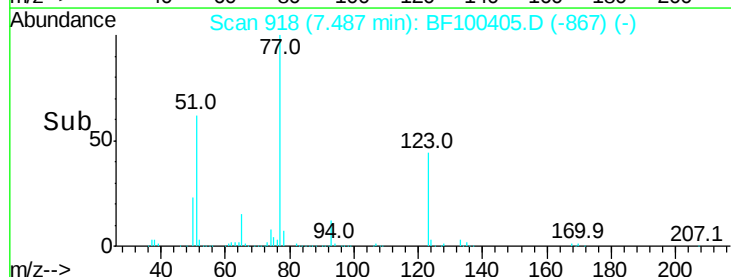
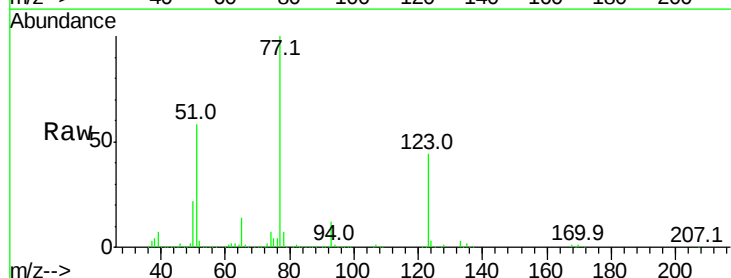
Manual Integrations
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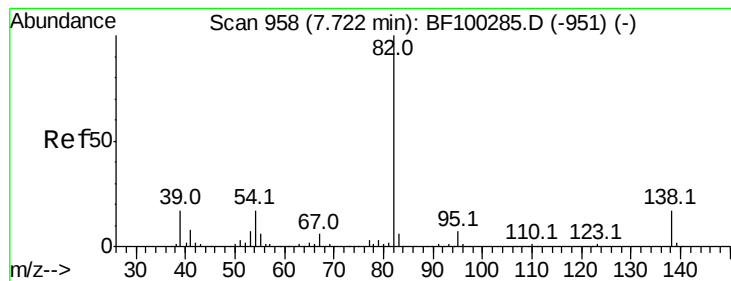
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#24
Nitrobenzene
Concen: 51.315 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	37.9	56.9
65	13.9	11.0	16.4





#25

Isophorone

Concen: 45.358 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

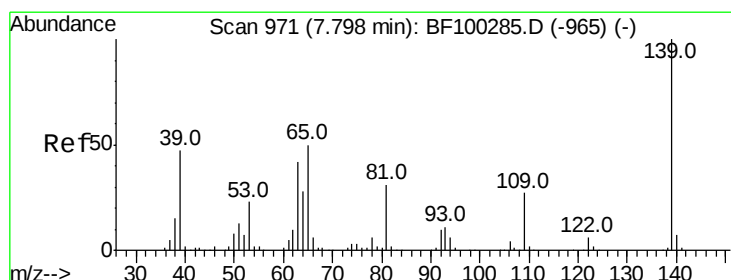
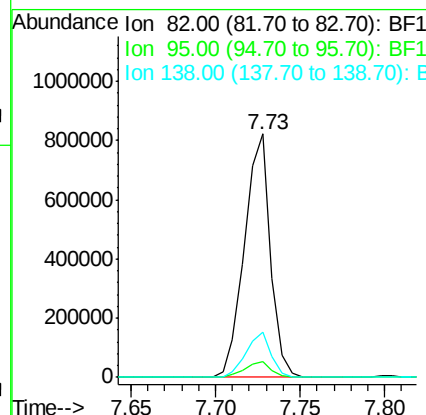
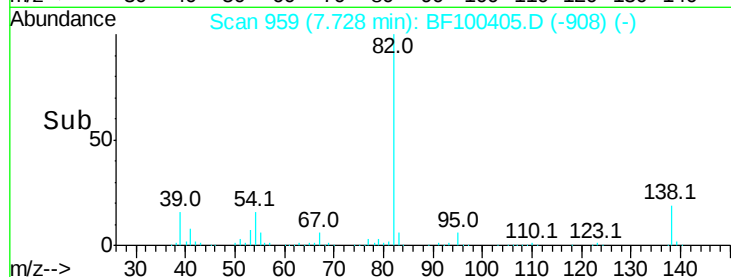
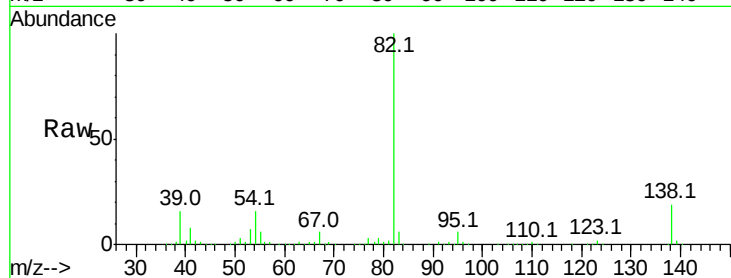
ClientSampleId :

TP-3MSD

Tot Ion	82	Resp	881912
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.659 ng

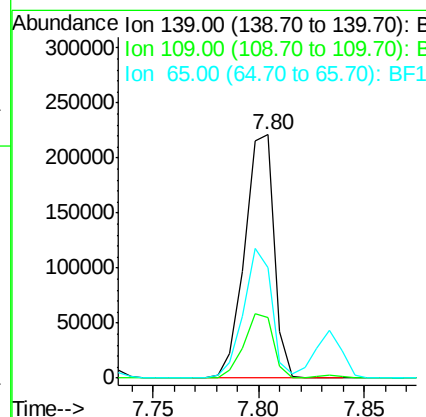
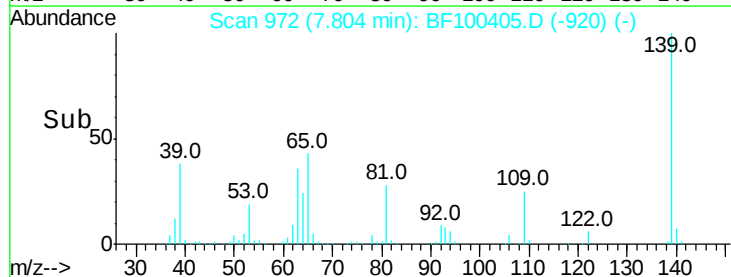
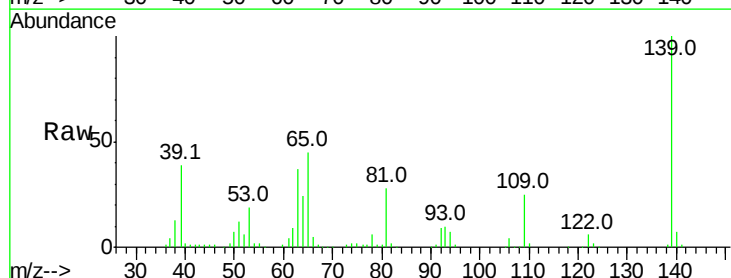
RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion	139	Resp	212609
Ion Ratio	Lower	Upper	
139	100		
109	25.0	22.7	34.1
65	45.4	40.5	60.7





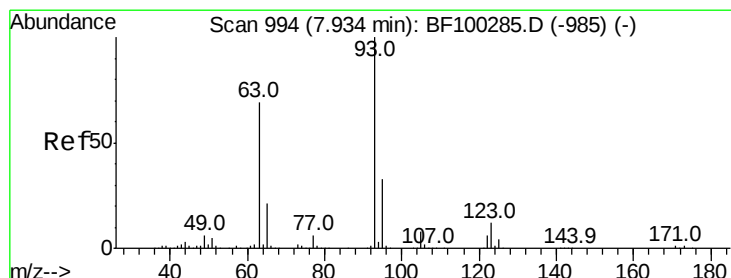
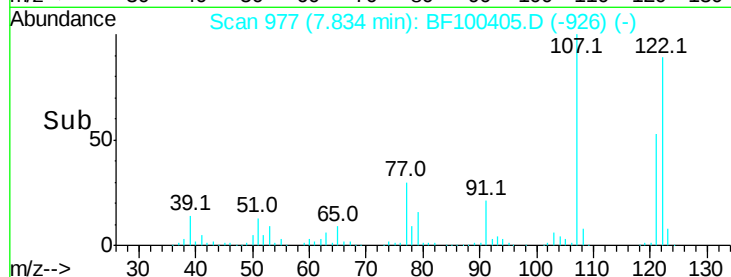
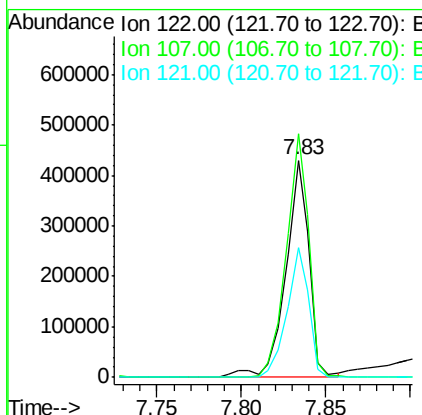
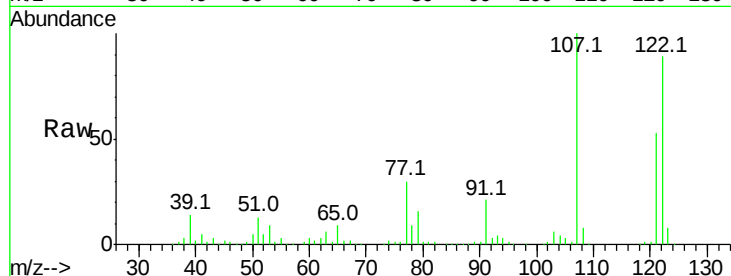
#27
 2,4-Dimethylphenol
 Concen: 47.526 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	59.6	47.2	70.8

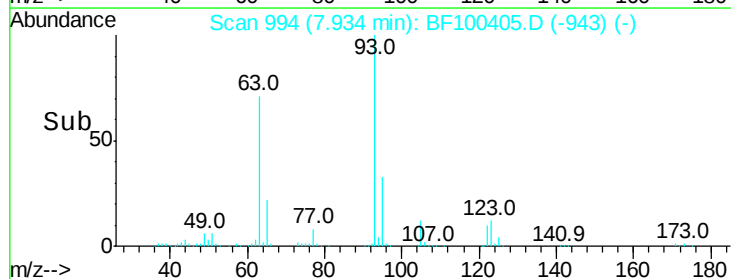
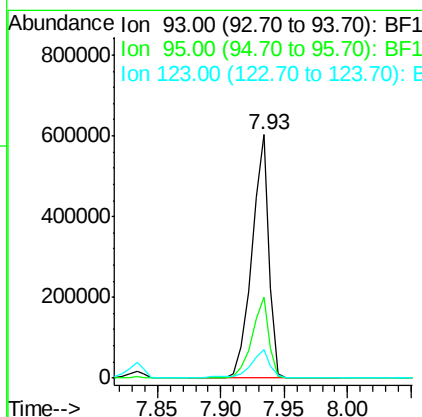
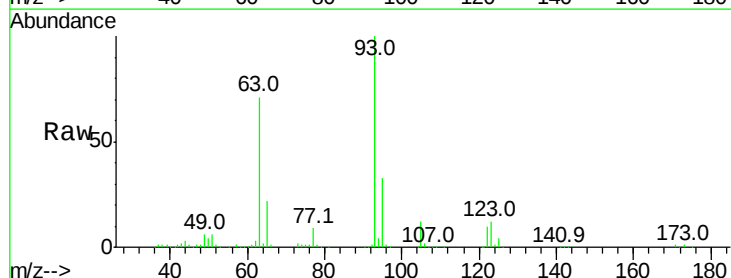
Manual Integrations
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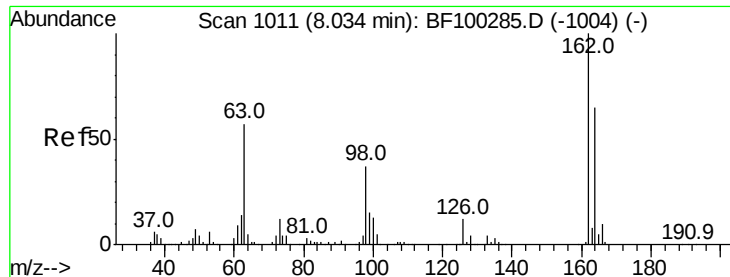
SOHIL
 11/13/2017 4:43:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.145 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.0	9.8	14.6





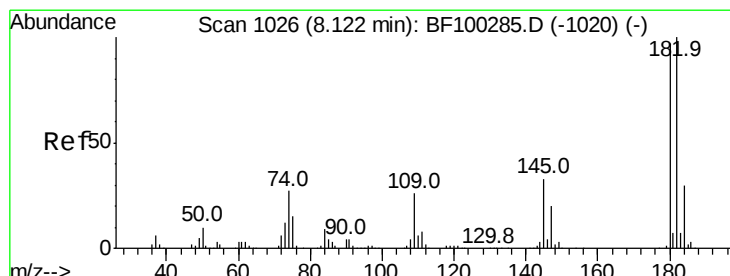
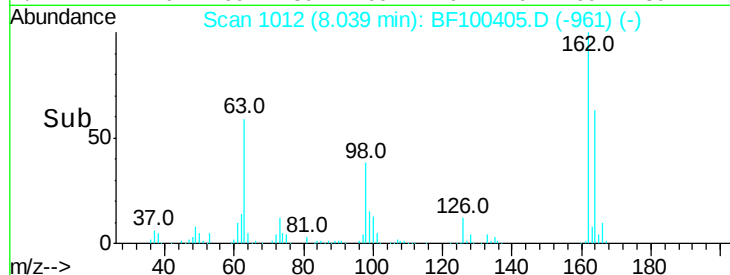
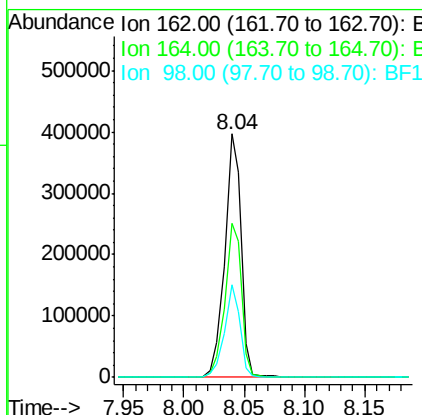
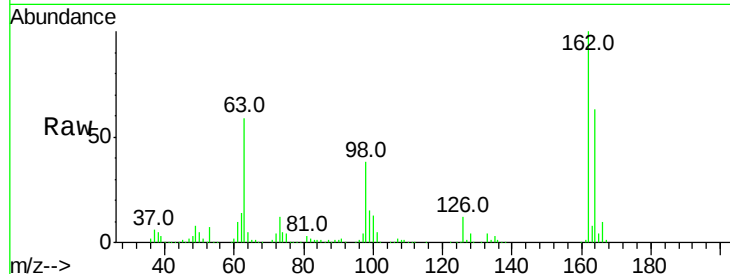
#29
 2,4-Dichlorophenol
 Concen: 44.763 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	372462		
164	63.1	42.7	82.7	
98	38.2	18.1	58.1	

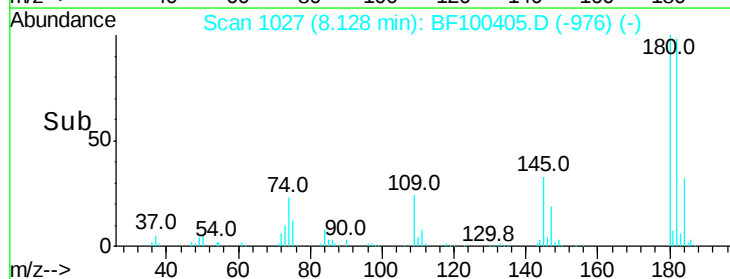
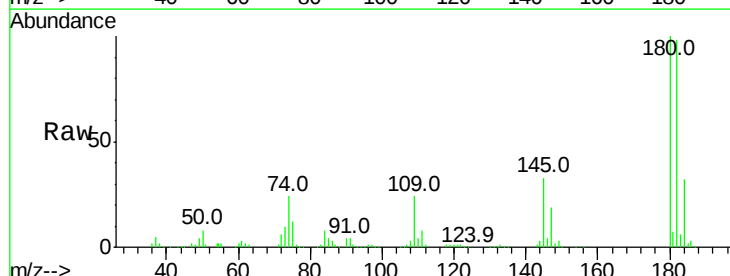
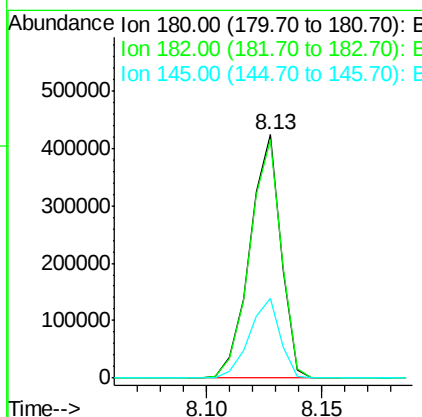
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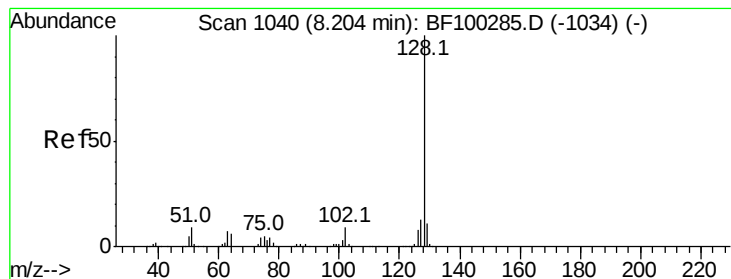
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 11/13/2017 4:43:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.124 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397148		
182	97.8	76.8	115.2	
145	32.7	26.5	39.7	





#31

Naphthalene

Concen: 42.422 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:128 Resp: 1249924

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

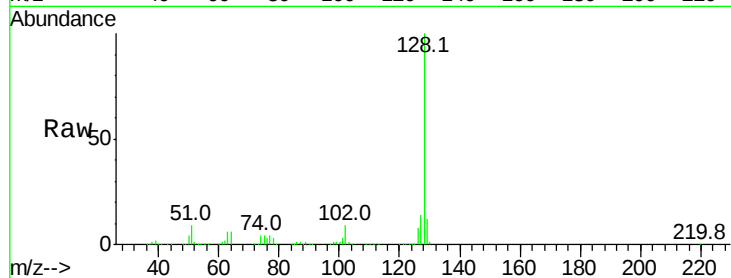
127 13.8 10.9 16.3

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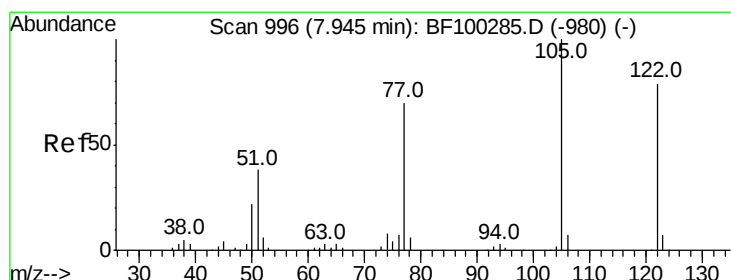
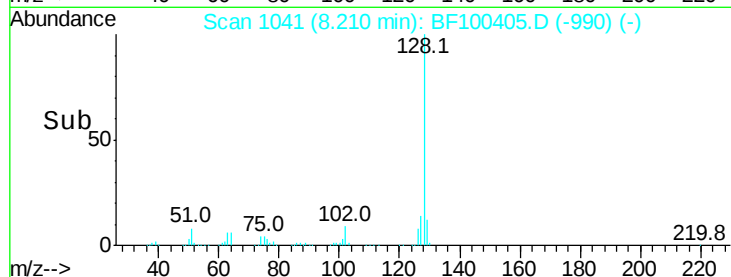
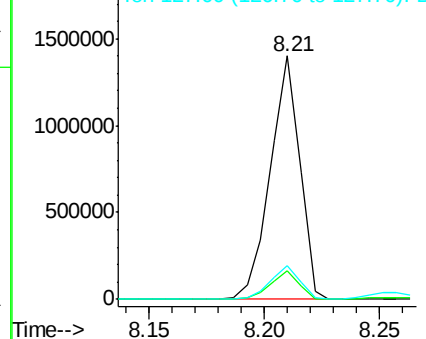
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.046 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

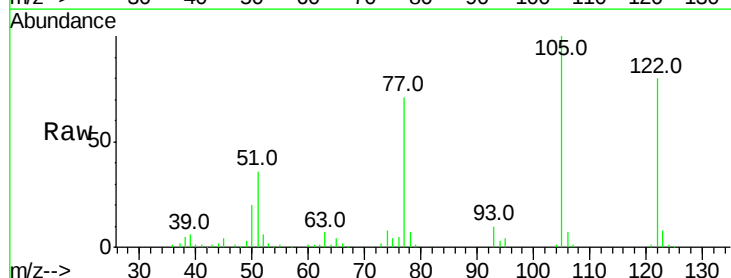
Tgt Ion:122 Resp: 229526

Ion Ratio Lower Upper

122 100

105 125.1 101.1 141.1

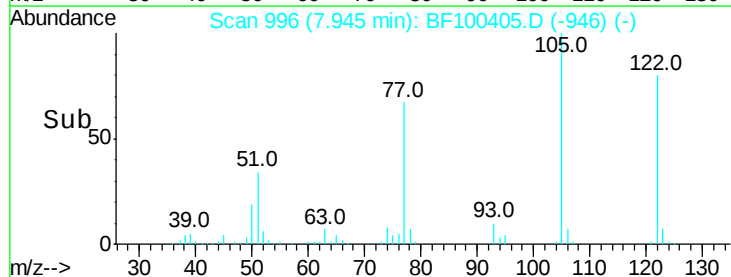
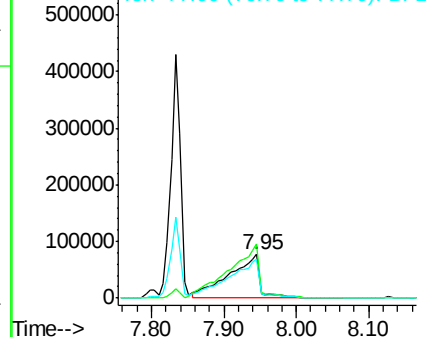
77 89.0 70.7 110.7

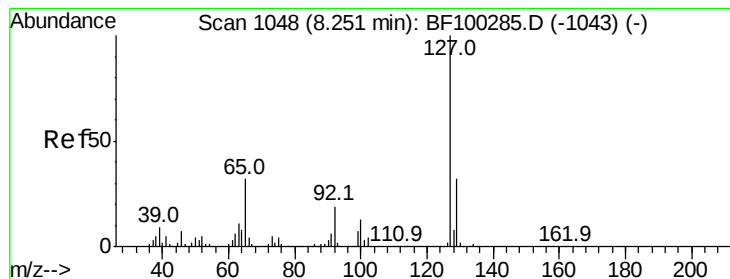


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.459 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

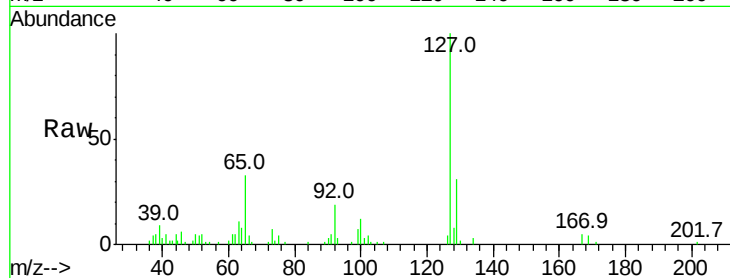
ClientSampleId :

TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		66948		
129	30.7	25.9	38.9		
65	32.7	25.0	37.4		
92	18.9	15.2	22.8		

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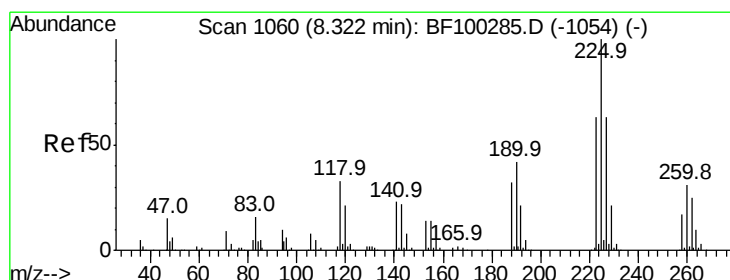
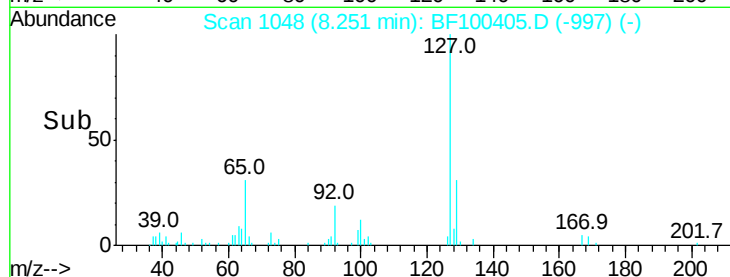
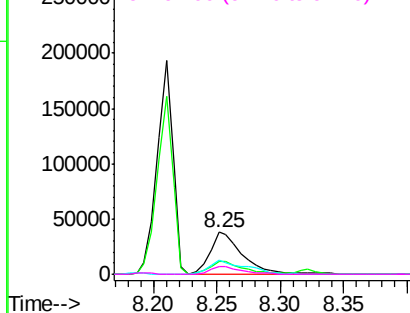


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.024 ng

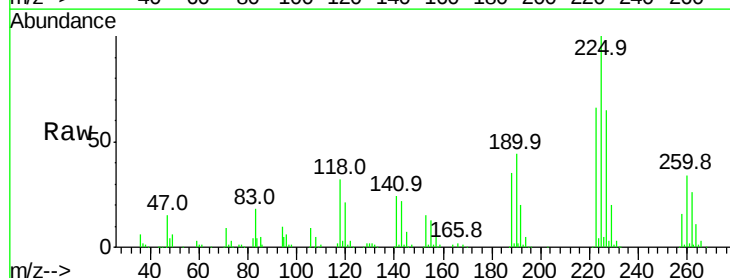
RT: 8.32 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

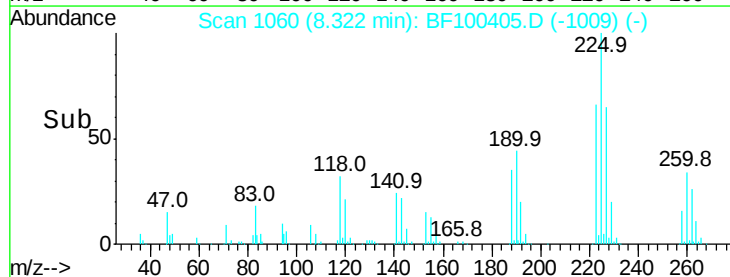
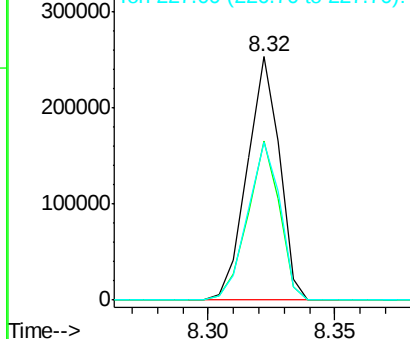
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		224892		
223	65.6	50.6	76.0		
227	64.8	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.571 ng/ml

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

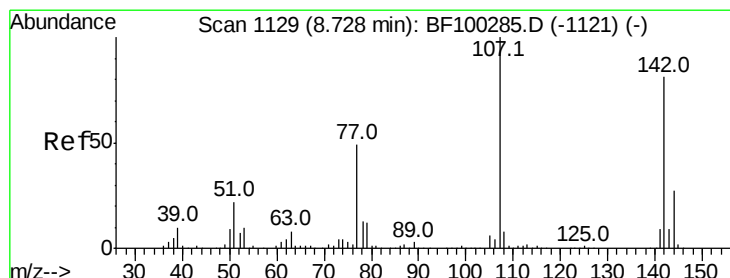
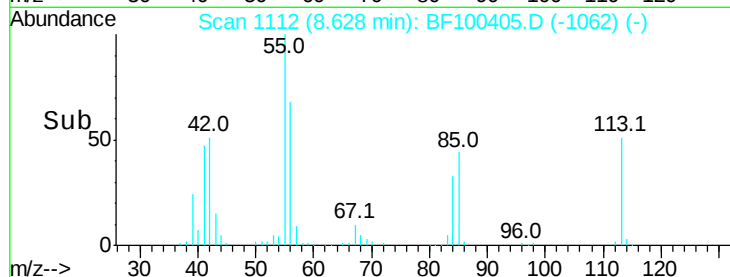
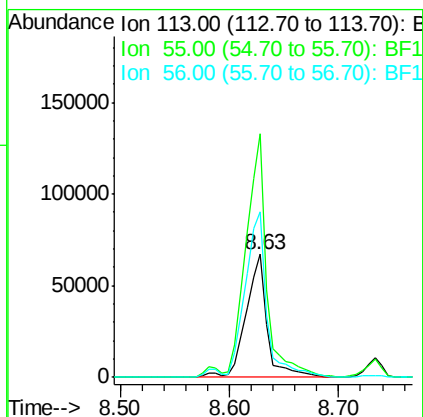
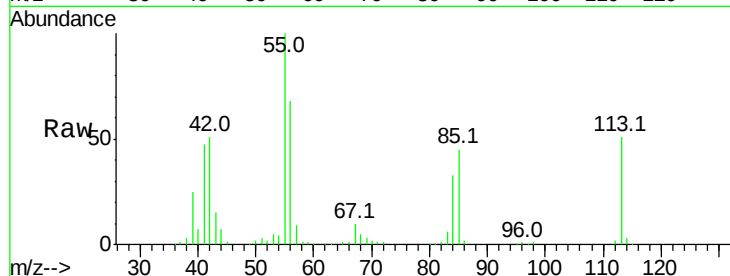
ClientSampled :

TP-3MSD

Tot Ion:	113	Resp:	90153
Ion	Ratio	Lower	Upper
113	100		
55	198.0	163.3	203.3
56	134.2	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.543 ng/ml

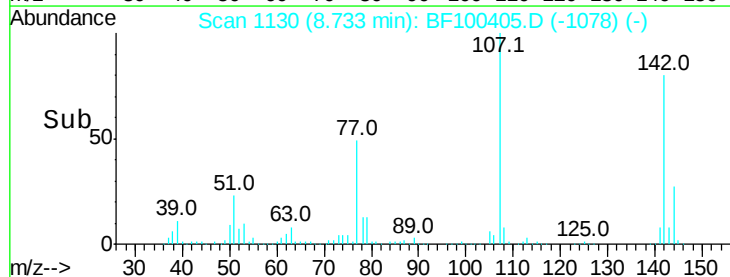
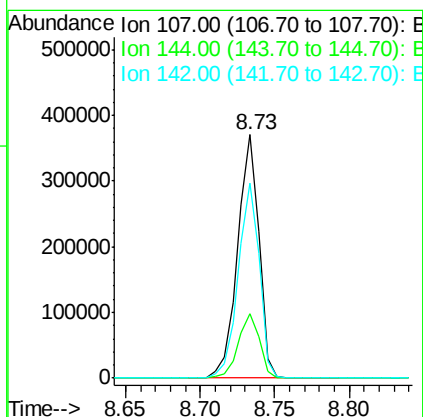
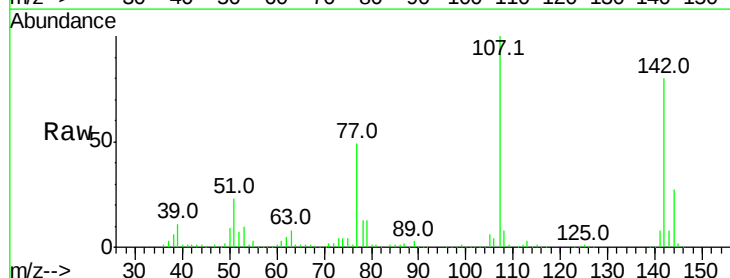
RT: 8.73 min Scan# 1130

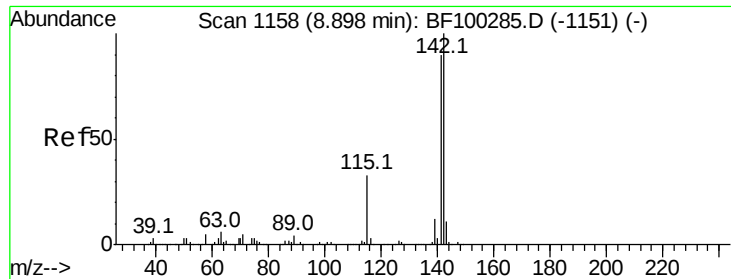
Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	107	Resp:	371258
Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	80.3	62.0	93.0





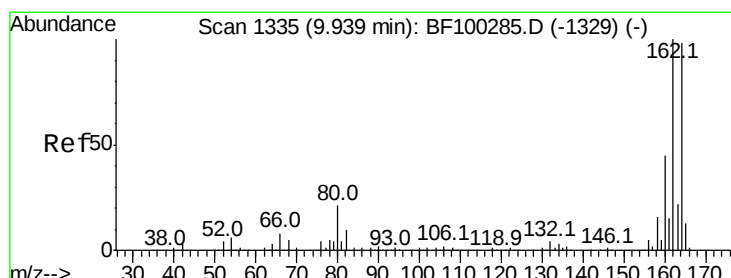
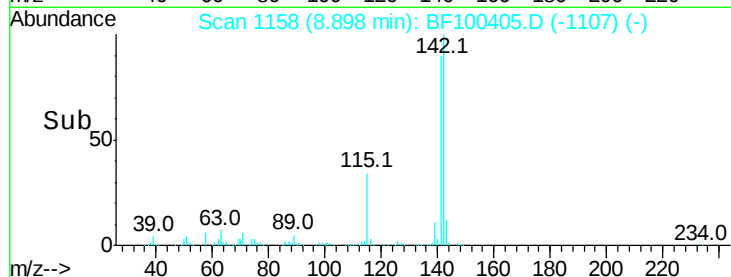
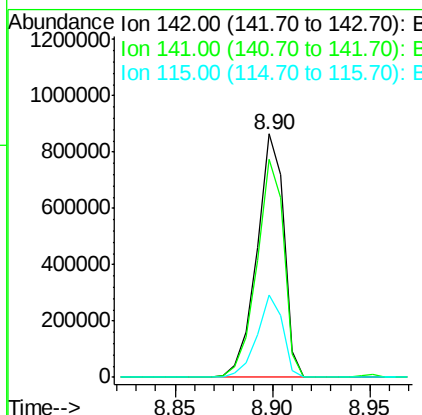
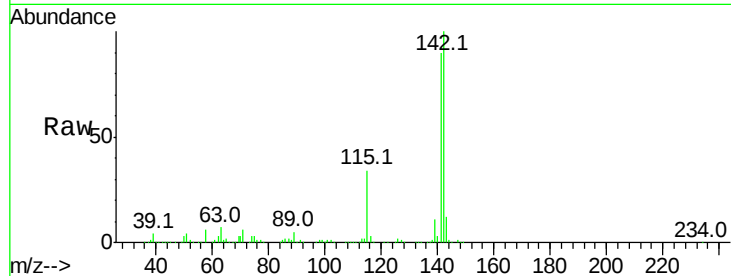
#37
2-Methylnaphthalene
Concen: 42.343 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	33.6	26.1	39.1

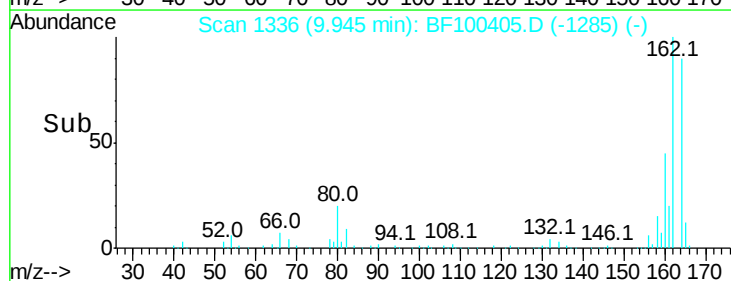
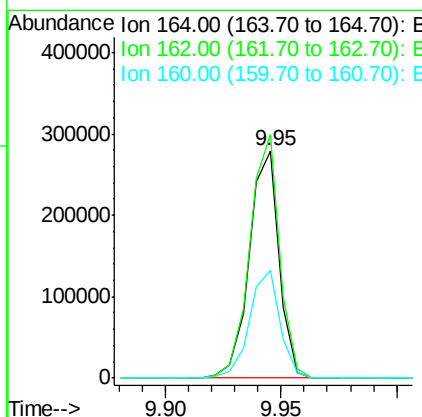
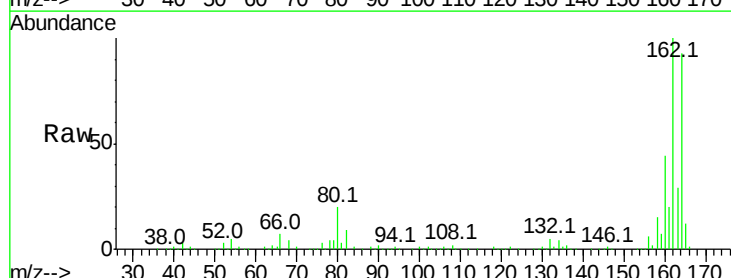
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	47.6	38.3	57.5





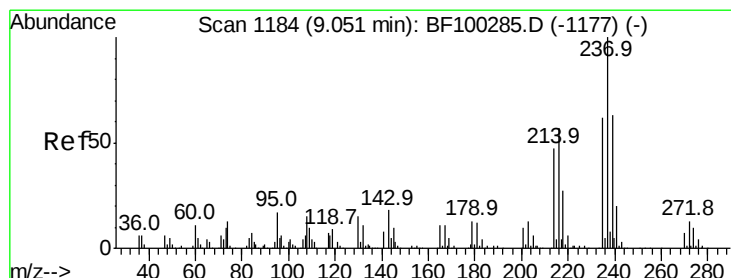
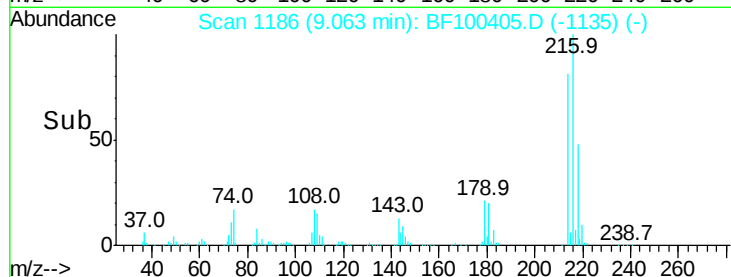
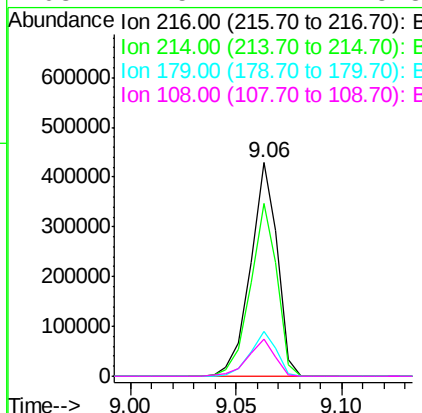
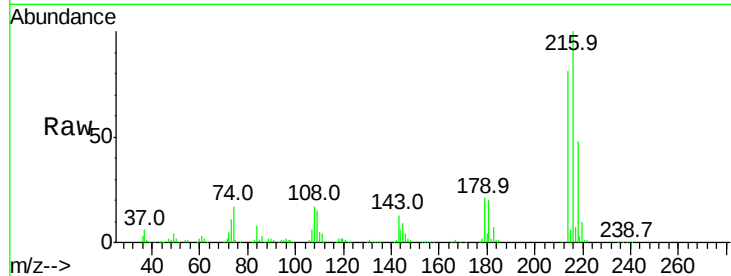
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.320 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	377789		
214	79.9	63.0	94.4	
179	20.6	18.1	27.1	
108	17.5	17.2	25.8	

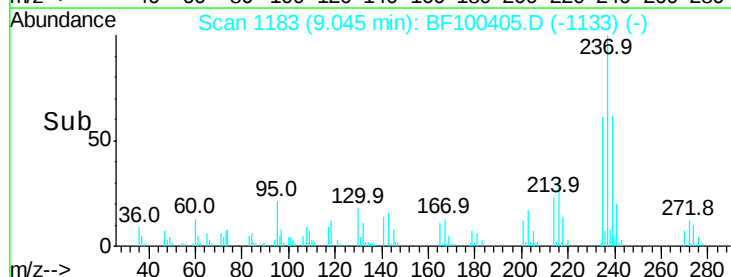
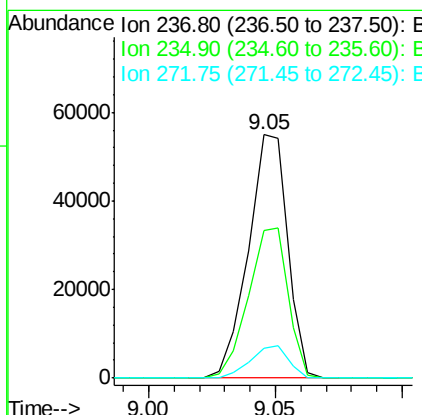
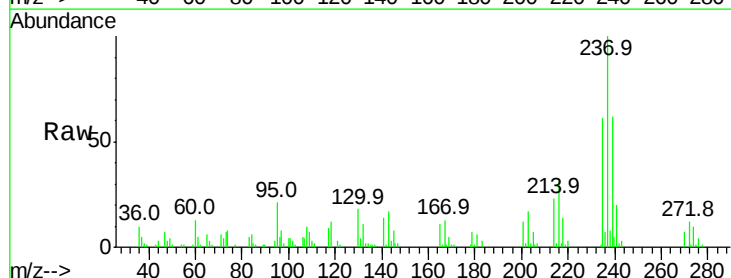
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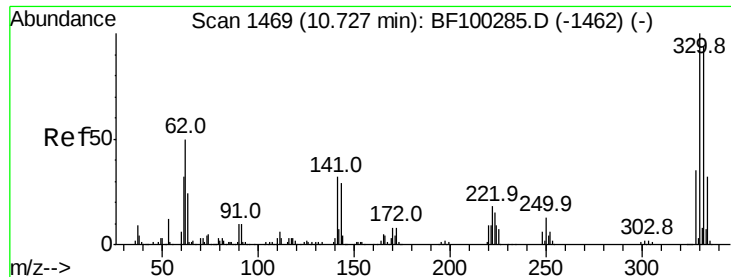
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#40
 Hexachlorocyclopentadiene
 Concen: 15.168 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	59511		
235	60.9	44.8	84.8	
272	12.1	0.0	33.3	





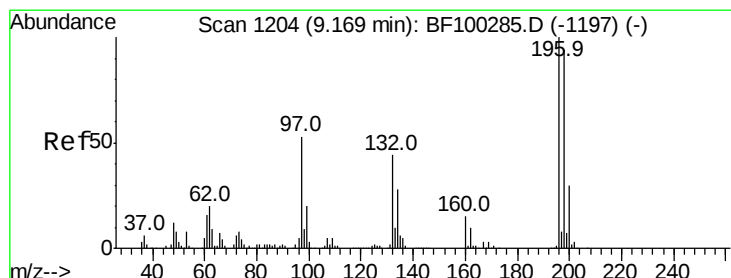
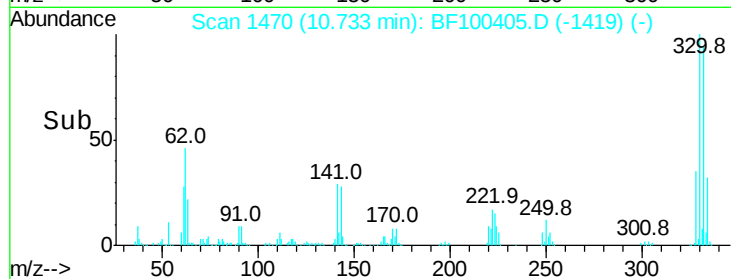
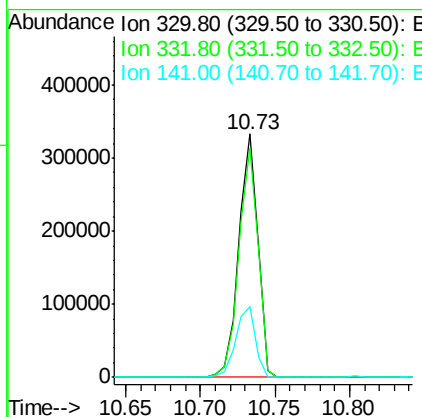
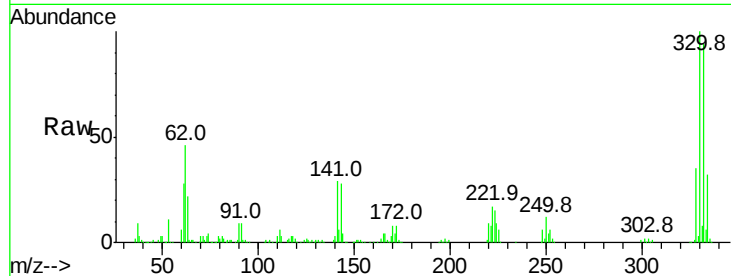
#41
 2,4,6-Tribromophenol
 Concen: 116.303 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	297883		
332	95.1	77.0	115.6	
141	30.5	29.9	44.9	

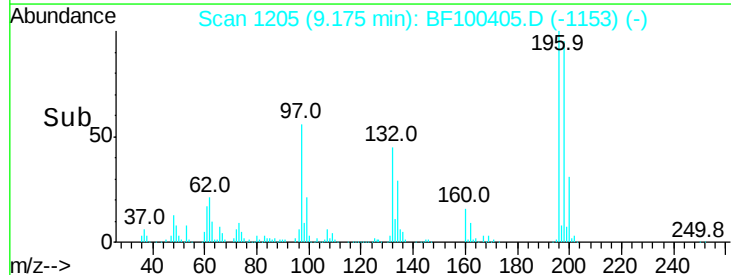
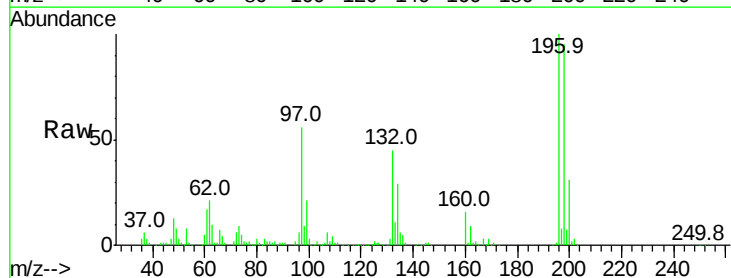
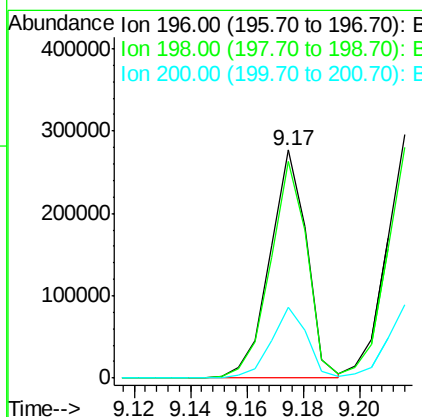
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 47.346 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250142		
198	95.2	75.7	113.5	
200	31.0	24.5	36.7	





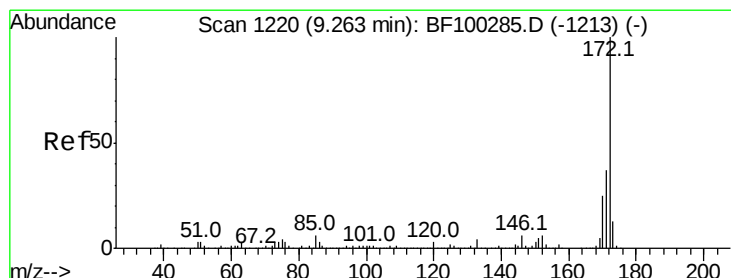
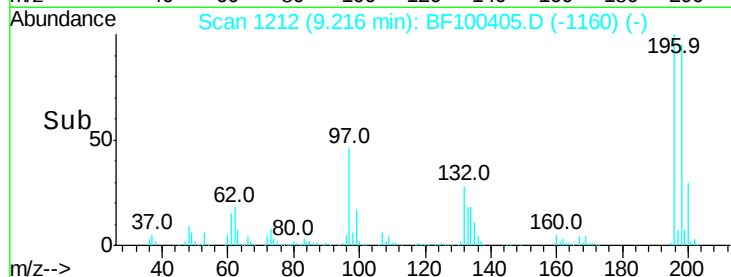
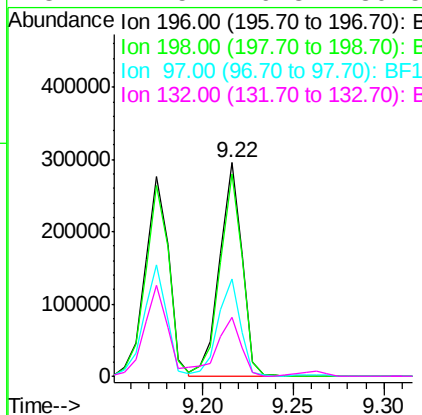
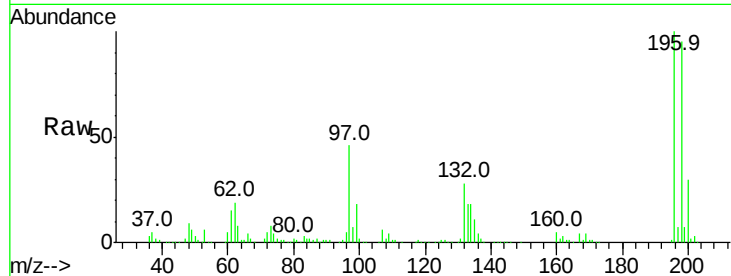
#43
 2,4,5-Trichlorophenol
 Concen: 46.340 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	196	Resp	253659
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.6	112.0
97	45.5	42.9	64.3
132	27.5	26.3	39.5

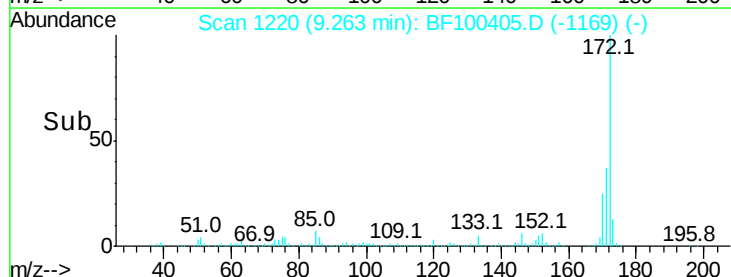
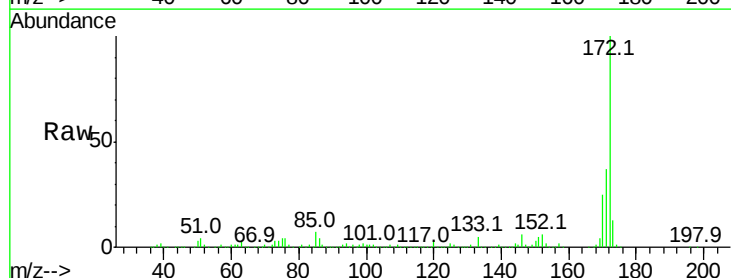
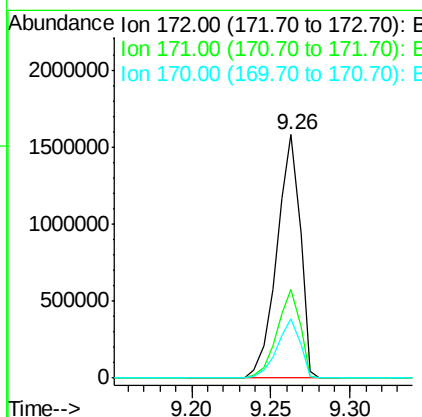
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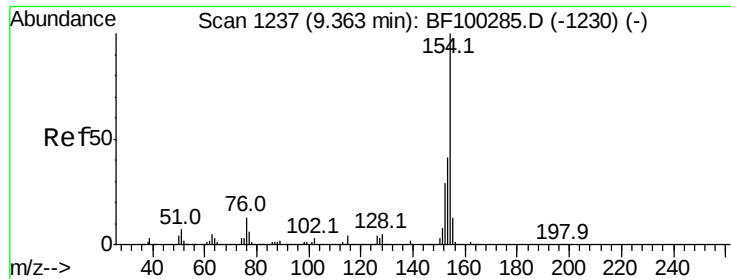
SOHIL
 11/13/2017 4:43:30 PM



#44
 2-Fluorobiphenyl
 Concen: 98.068 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	172	Resp	1618779
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 44.131 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

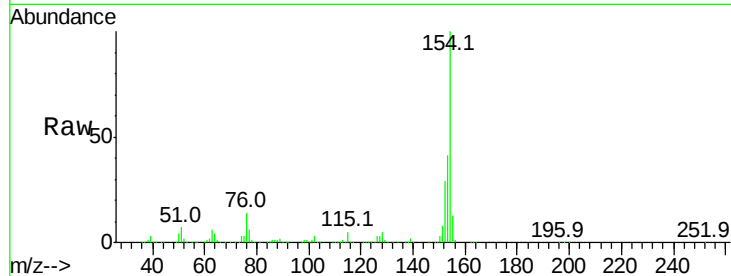
ClientSampled :

TP-3MSD

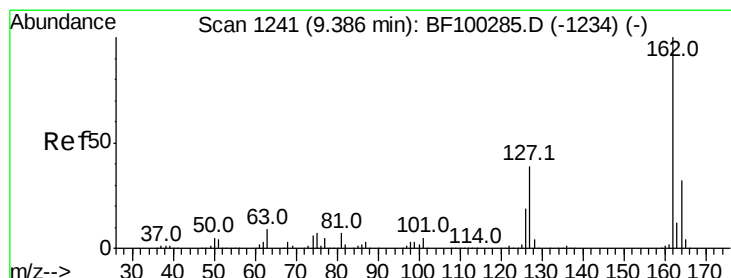
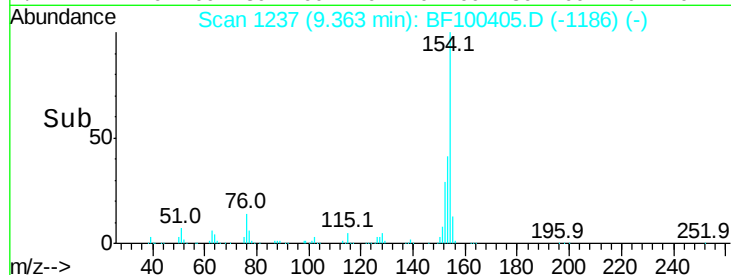
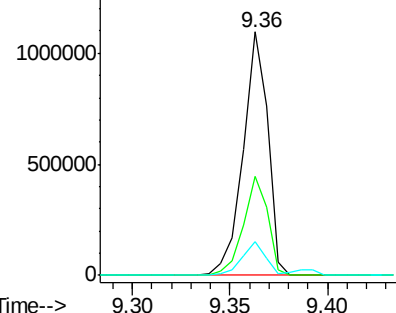
Tot Ion:	154	Resp:	959383
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	13.7	0.0	34.0

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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: 46.930 ng

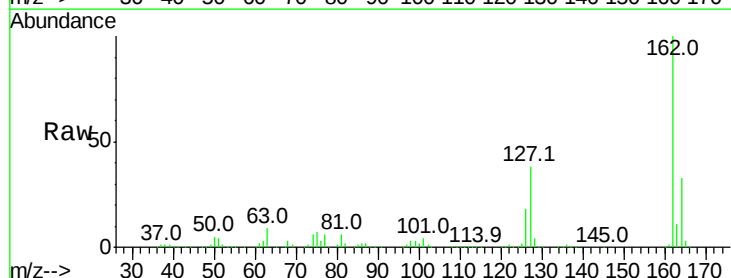
RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

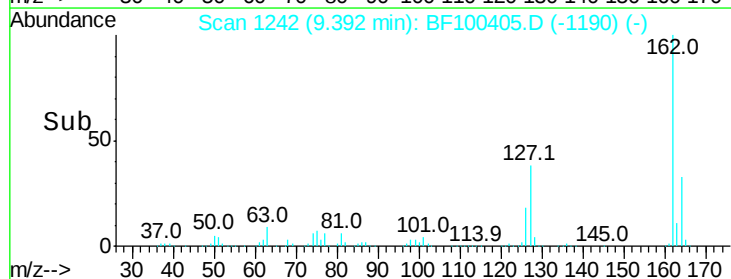
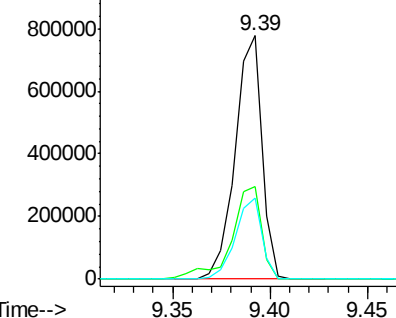
Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	162	Resp:	740133
Ion Ratio	Lower	Upper	
162	100		
127	38.0	33.9	50.9
164	33.1	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





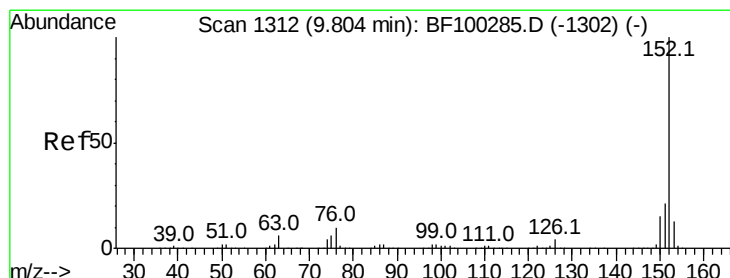
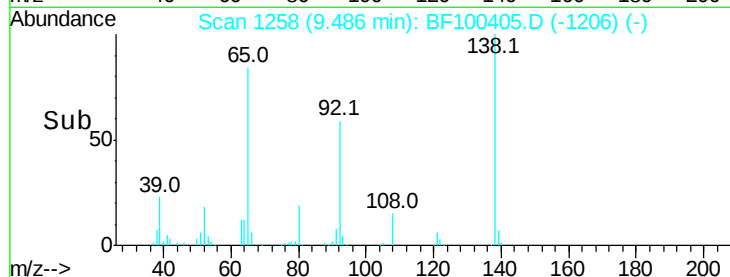
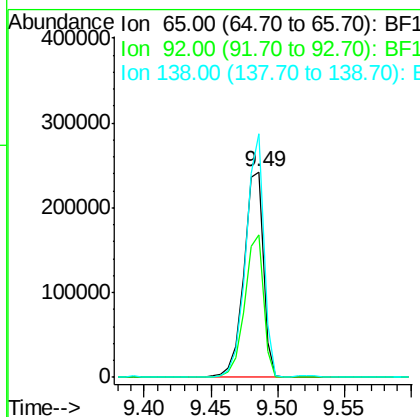
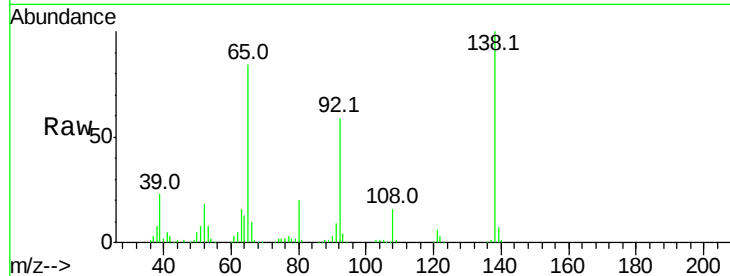
#47
2-Nitroaniline
Concen: 52.426 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	55.8	83.6
138	118.4	91.2	136.8

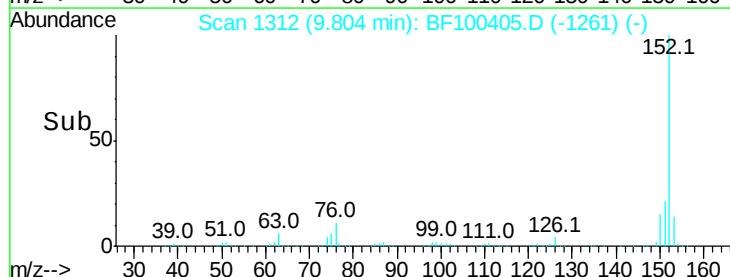
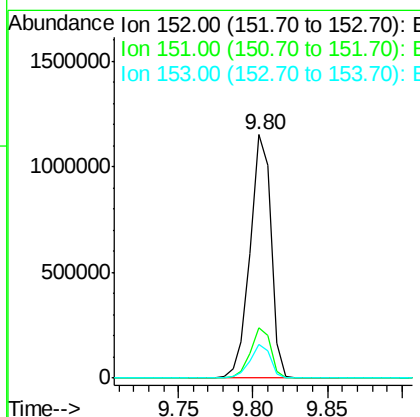
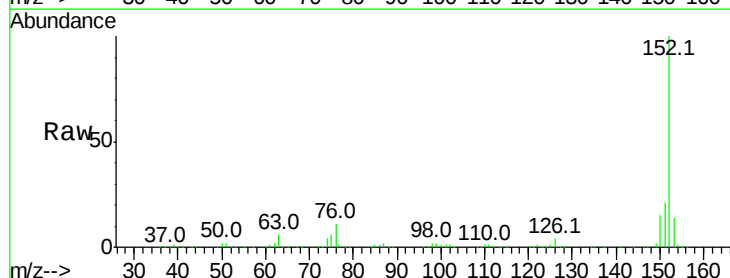
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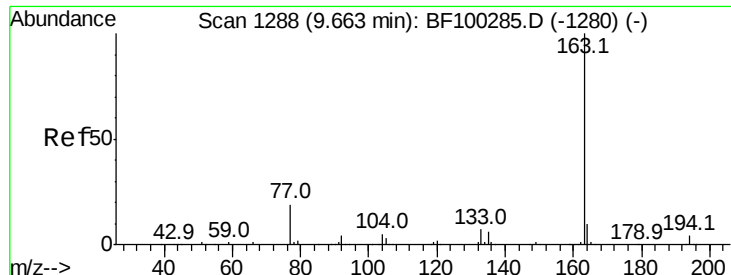
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#48
Acenaphthylene
Concen: 42.500 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.7	10.7	16.1





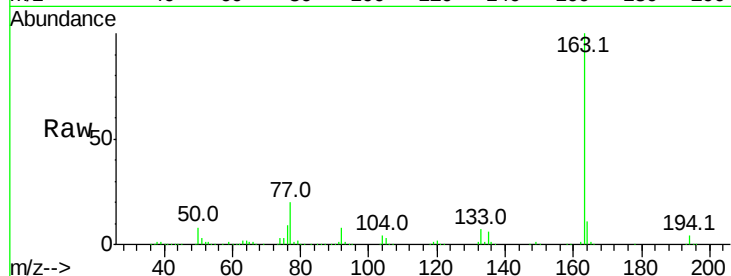
#49
Dimethylphthalate
Concen: 45.936 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampled :
TP-3MSD

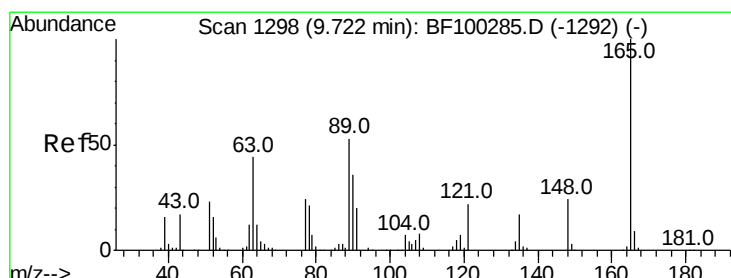
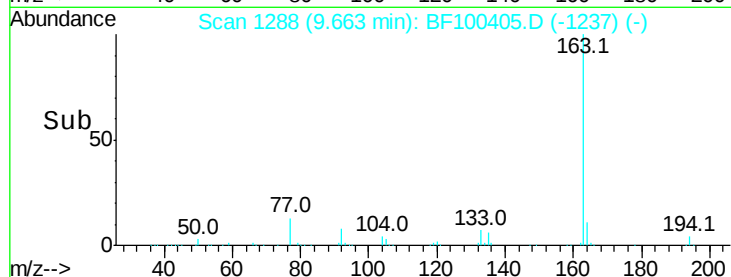
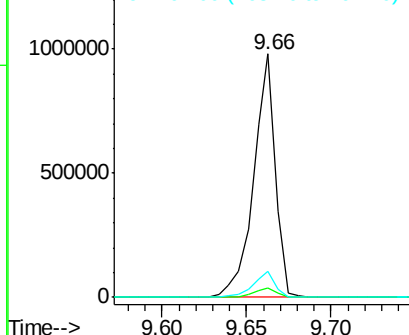
Tot Ion	Ratio	Resp	Lower	Upper
163	100	881550		
194	3.8		2.7	4.1
164	10.6		8.2	12.2

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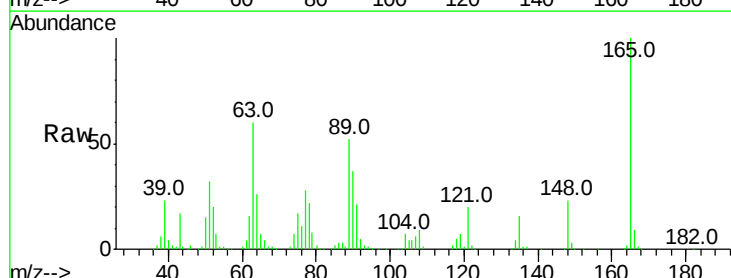


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

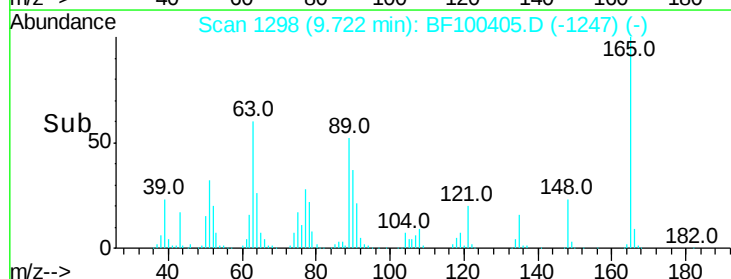
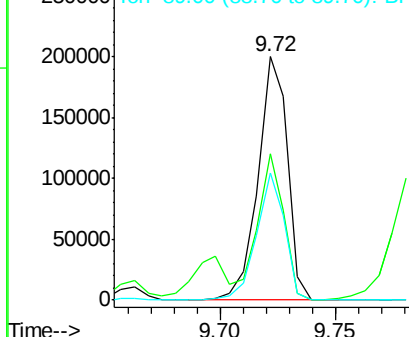


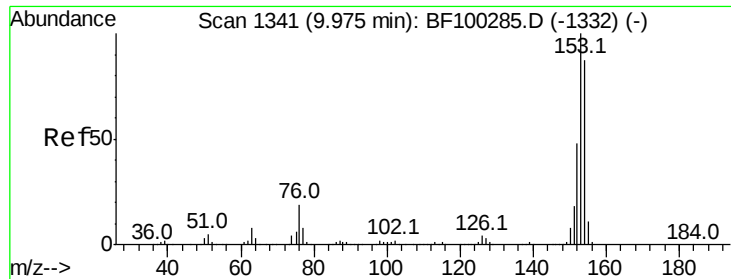
#50
2,6-Dinitrotoluene
Concen: 47.009 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178576		
63	60.2		44.7	67.1
89	52.0		44.0	66.0



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





#51

Acenaphthene

Concen: 40.240 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

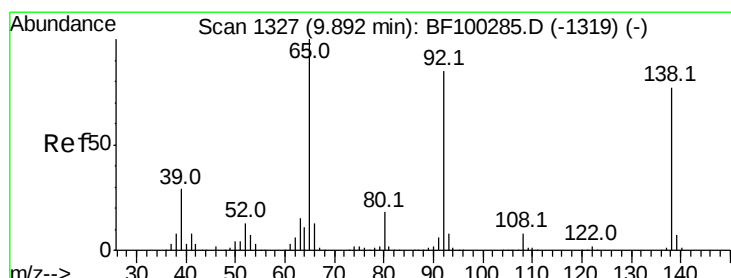
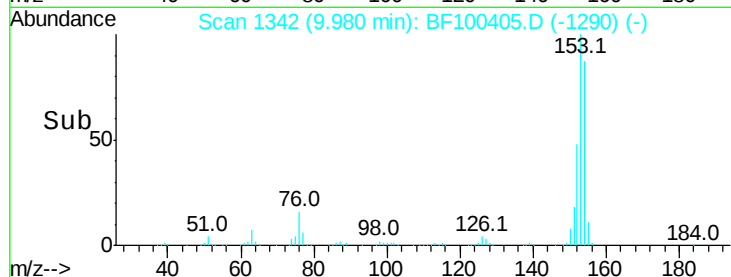
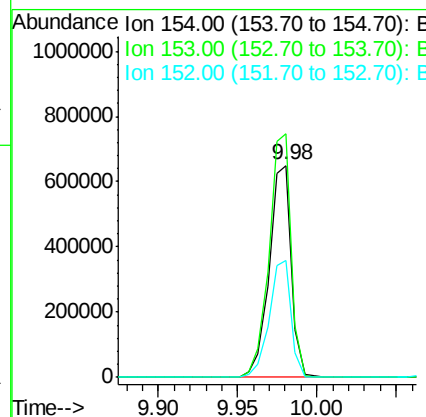
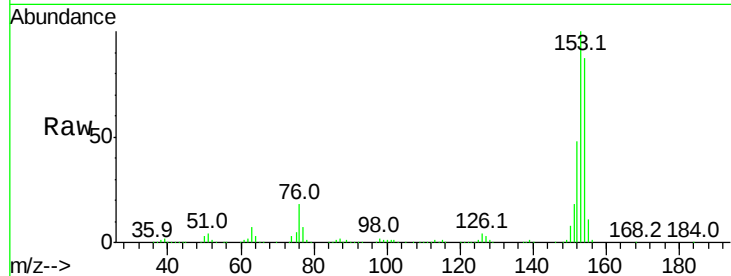
ClientSampled :

TP-3MSD

Tot Ion:	154	Resp:	639634
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.2	136.8
152	54.9	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 27.391 ng

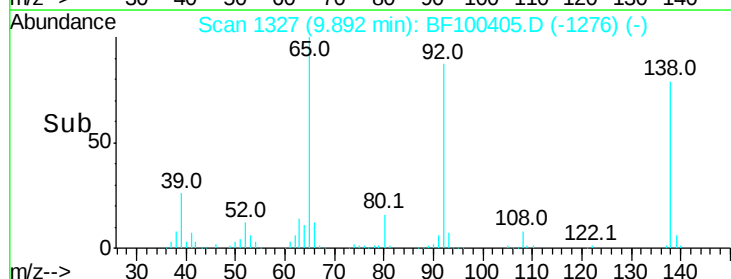
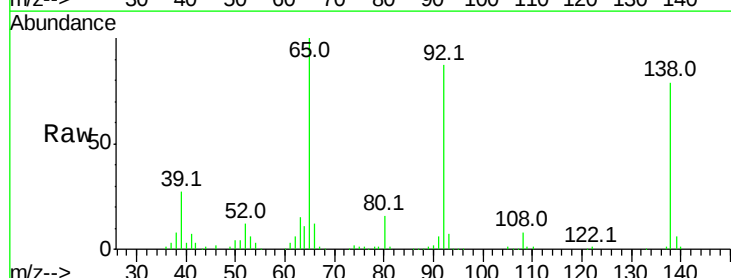
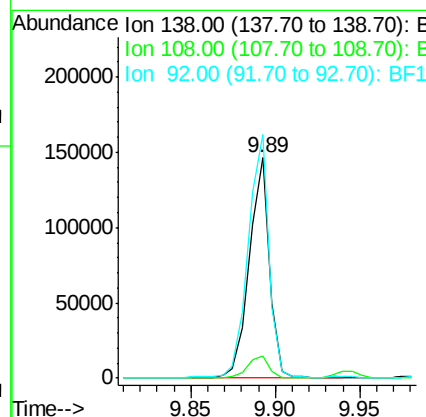
RT: 9.89 min Scan# 1327

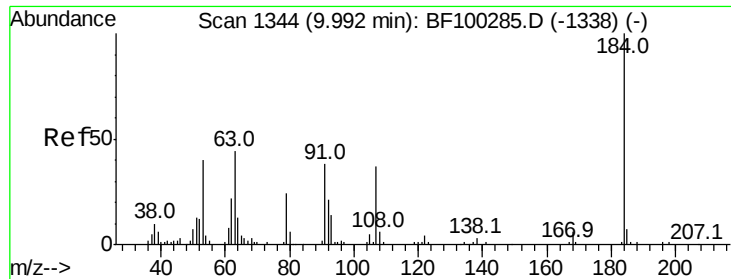
Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	138	Resp:	122870
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	110.4	89.4	134.2





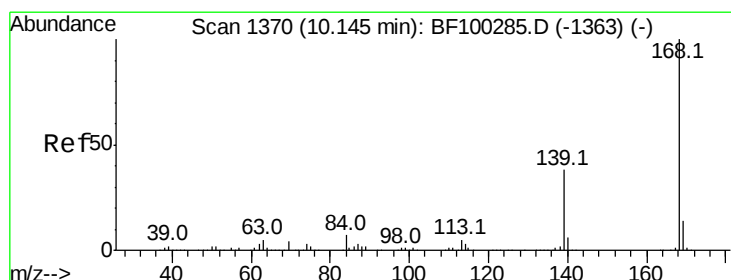
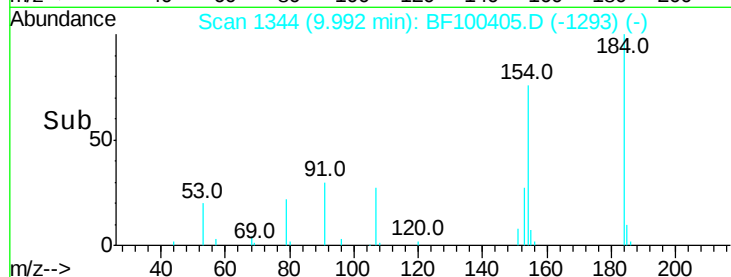
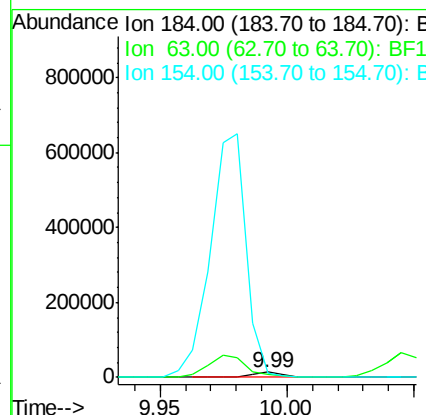
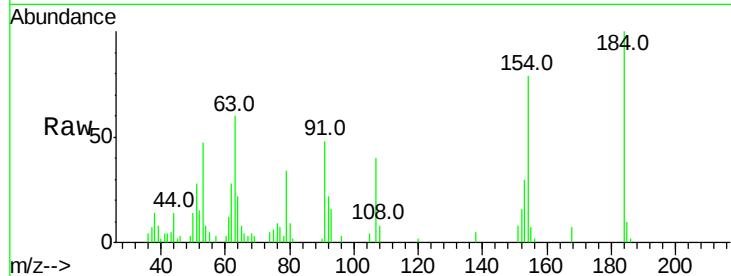
#53
2,4-Dinitrophenol
Concen: 16.912 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.4	54.2	81.2	
154	79.2	184.0	276.0#	

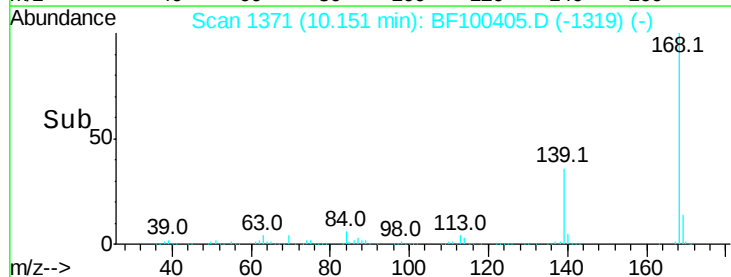
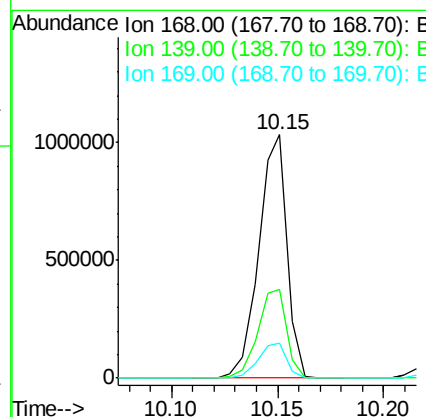
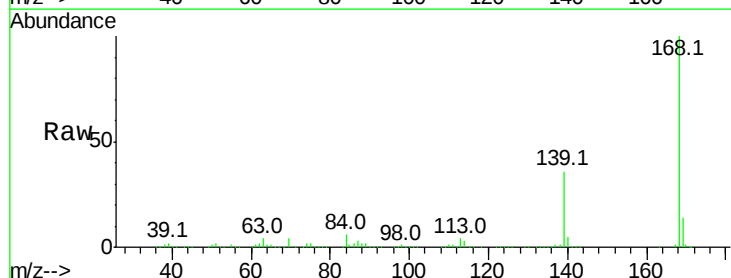
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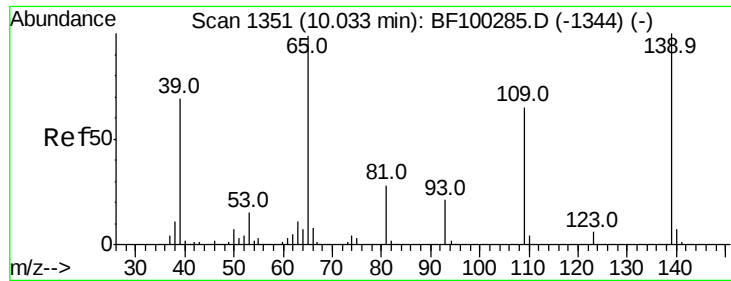
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#54
Dibenzofuran
Concen: 43.123 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.3	30.1	45.1	
169	14.2	10.9	16.3	





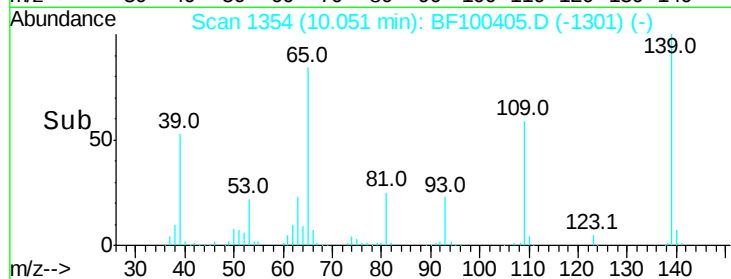
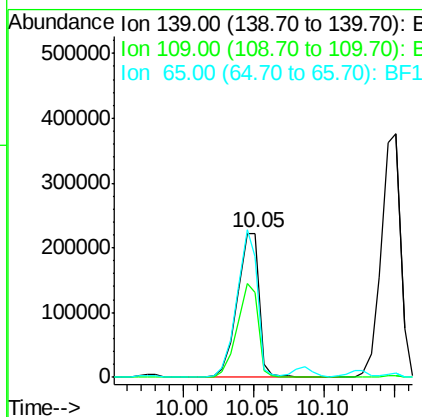
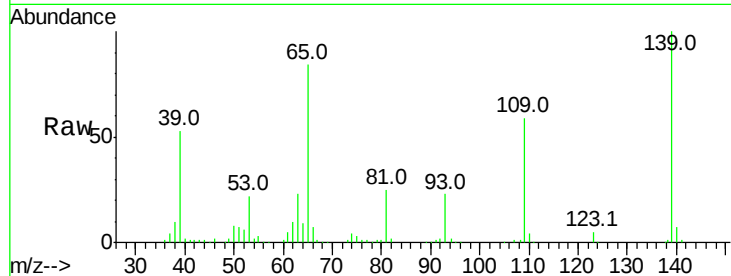
#55
4-Nitrophenol
Concen: 65.953 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	240223		
109	58.9	48.4	88.4	
65	83.6	72.6	112.6	

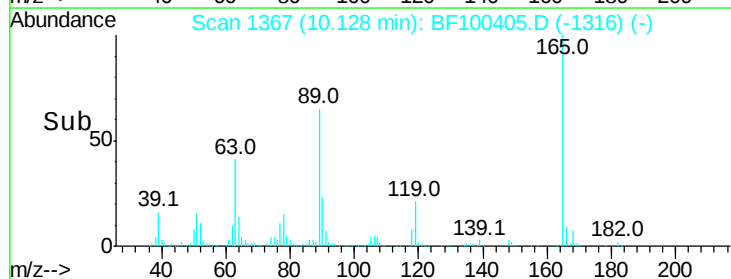
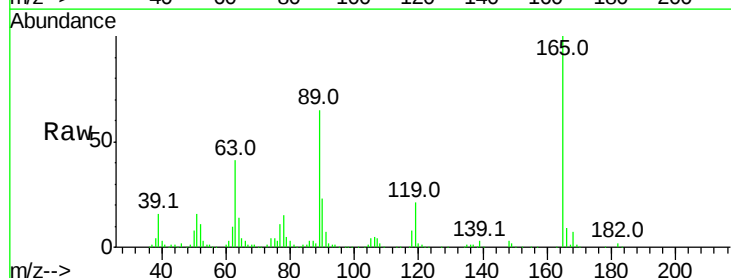
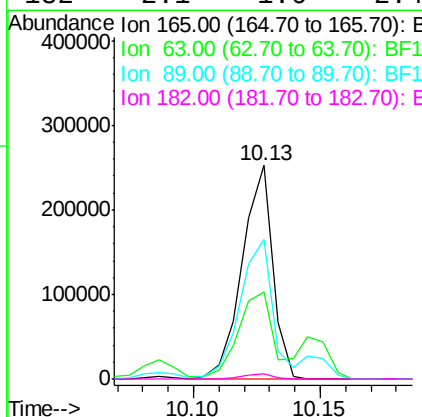
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 44.287 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212235		
63	40.6	36.4	54.6	
89	65.4	57.8	86.6	
182	2.1	1.6	2.4	





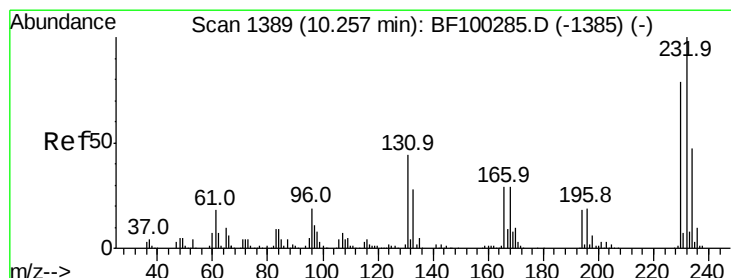
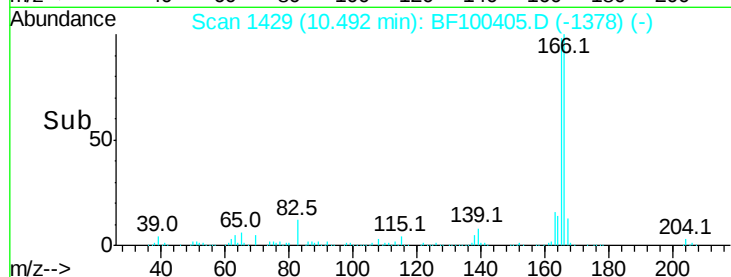
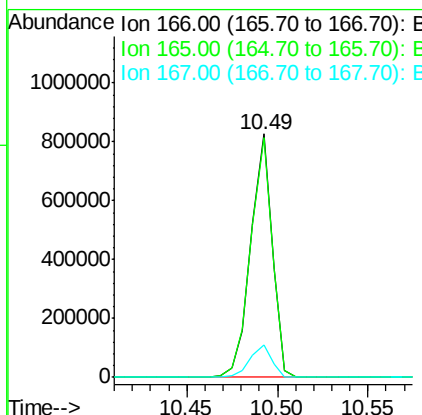
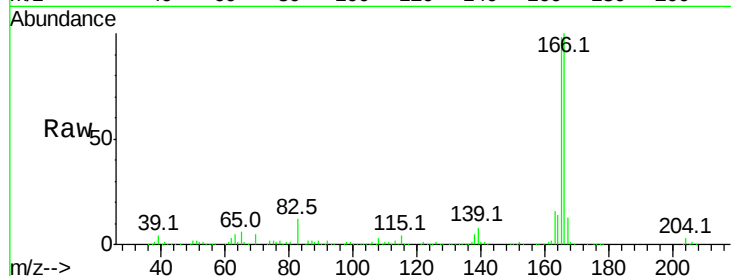
#57
 Fluorene
 Concen: 41.923 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	684208		
165	98.4	79.8	119.8	
167	13.2	10.6	16.0	

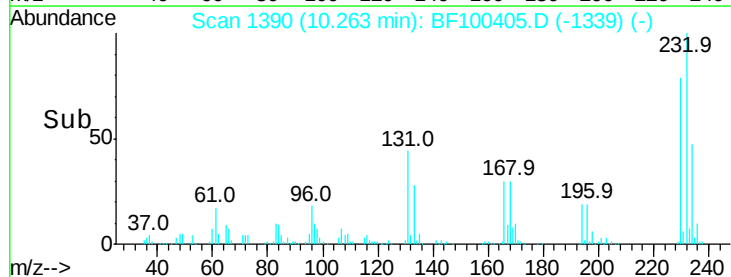
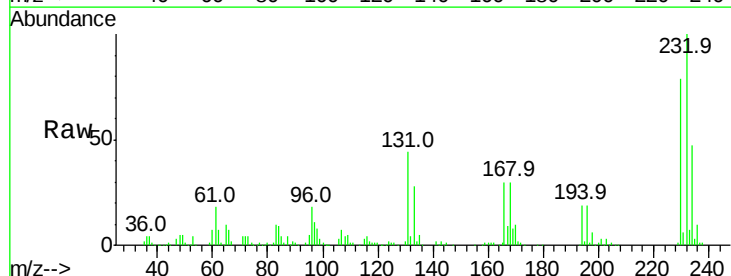
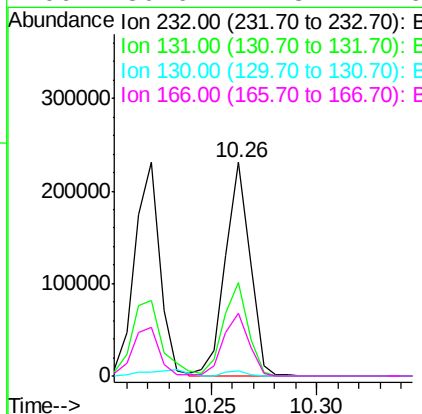
Manual Integrations
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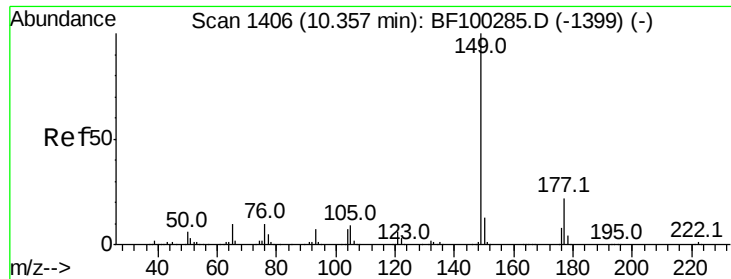
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.705 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	187097		
231	43.7	43.8	65.8#	
130	2.1	2.1	3.1	
166	30.6	27.8	41.6	





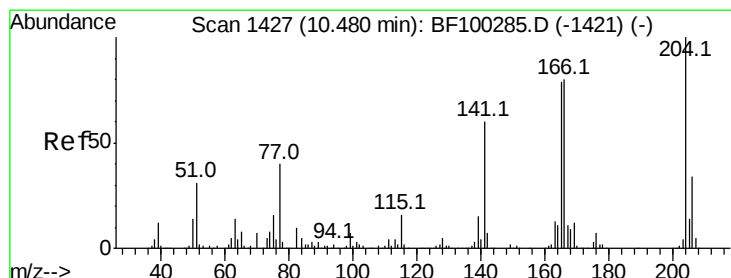
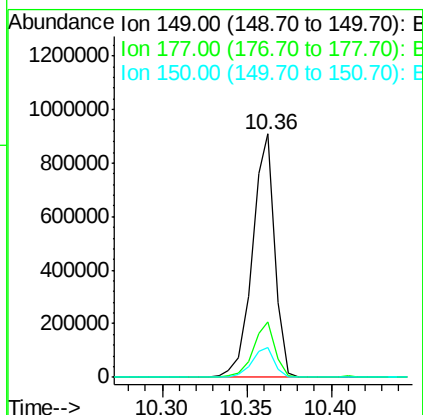
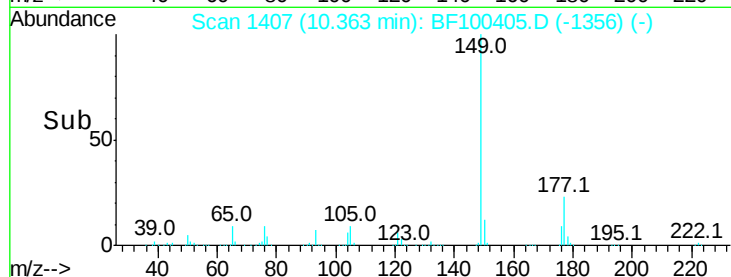
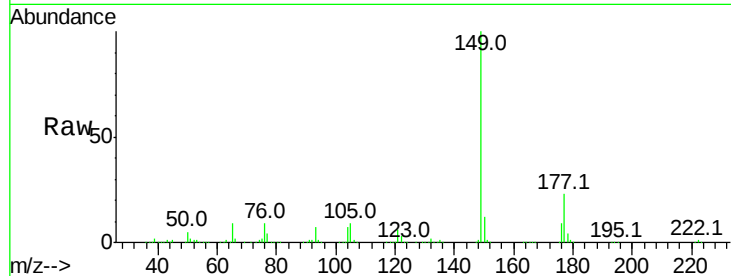
#59
Diethylphthalate
Concen: 43.521 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.4	10.1	15.1

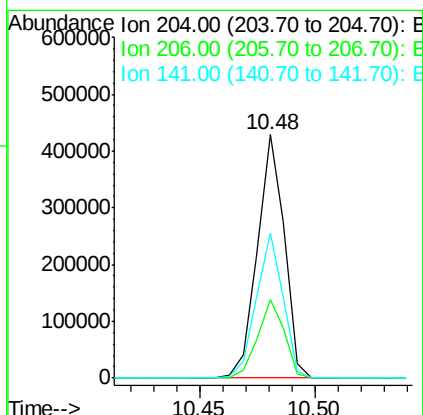
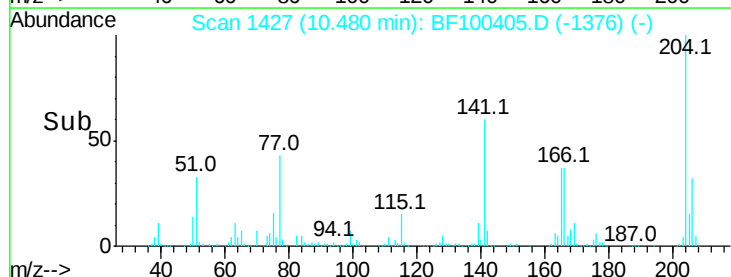
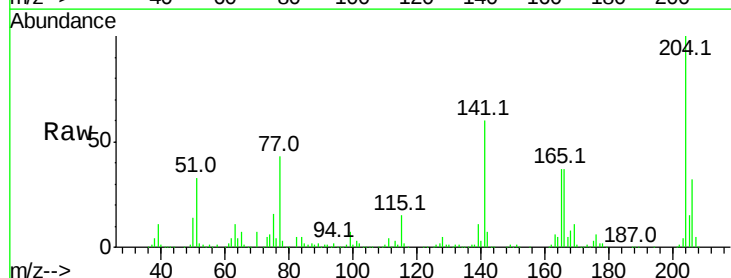
Manual Integrations
APPROVED

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11/13/2017 4:43:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.695 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	59.8	54.6	81.8





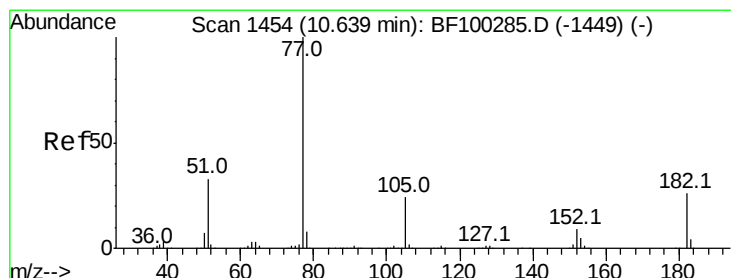
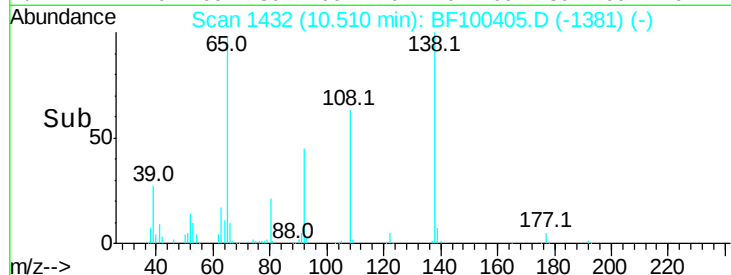
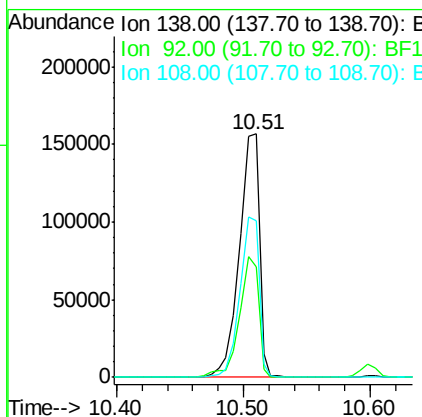
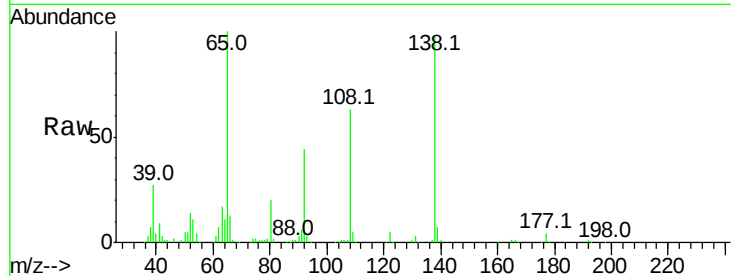
#61
4-Nitroaniline
Concen: 40.314 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.2	30.2	70.2
108	64.5	52.5	92.5

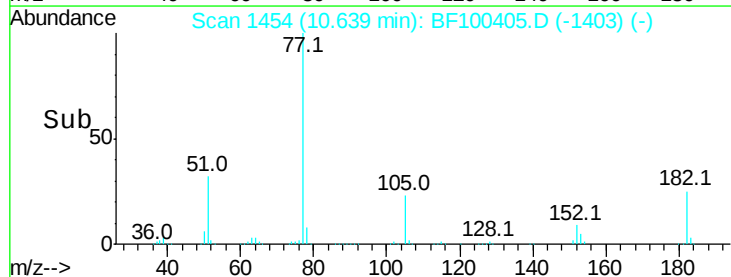
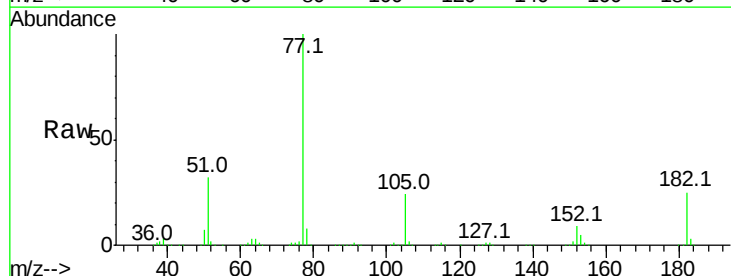
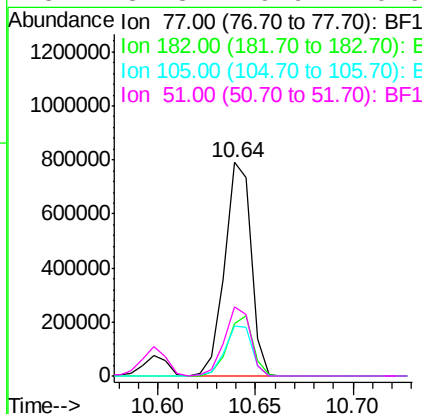
Manual Integrations
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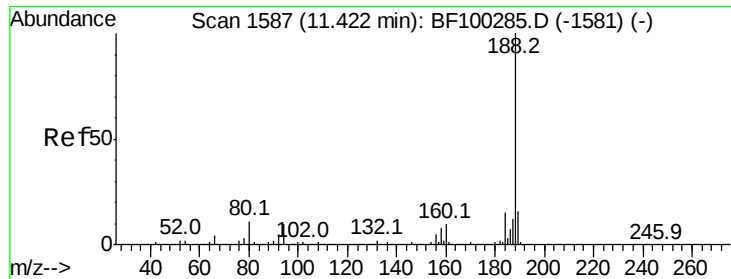
SOHIL
11/13/2017 4:43:30 PM



#62
Azobenzene
Concen: 41.270 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	23.5	3.0	43.0
51	32.3	9.9	49.9





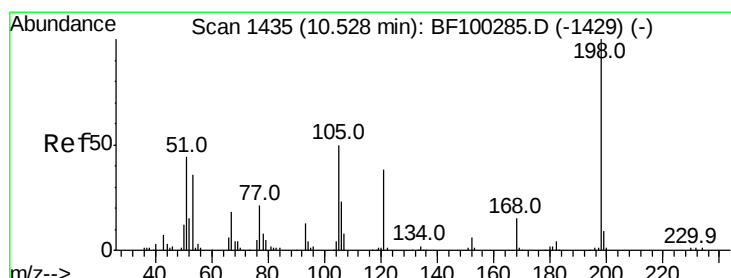
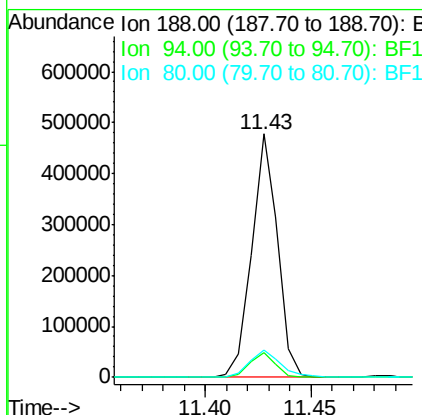
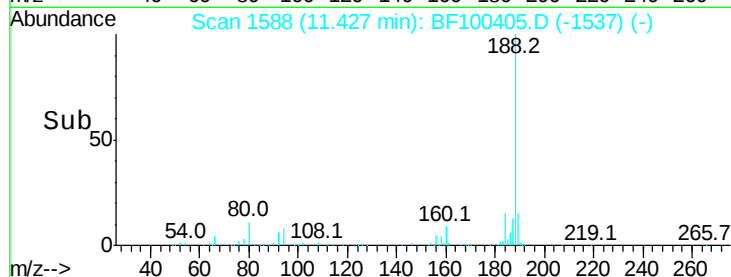
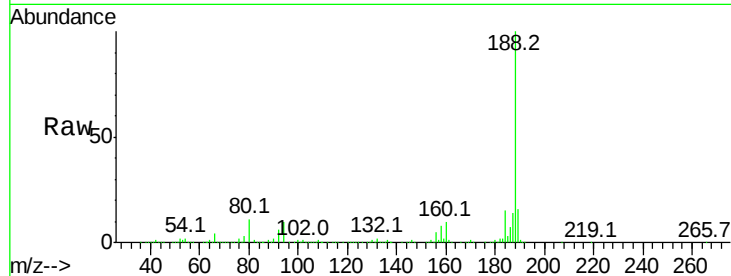
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2		8.5	12.7
80	11.4		9.2	13.8

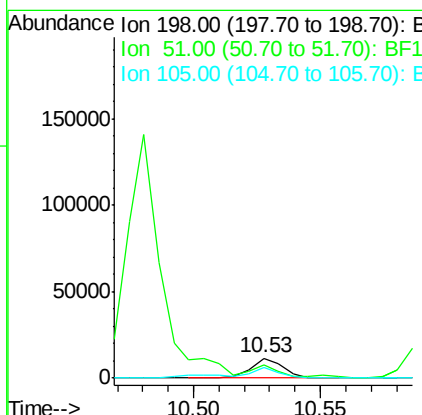
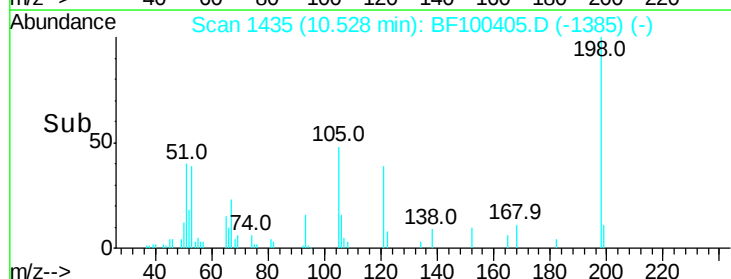
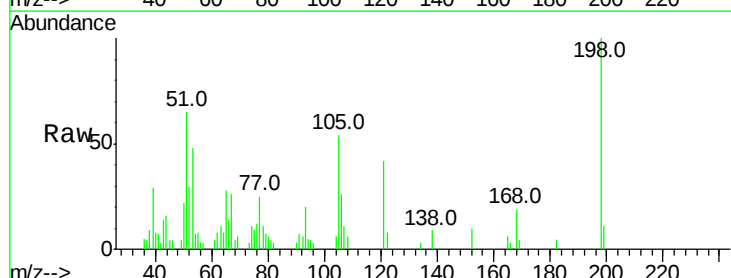
Manual Integrations
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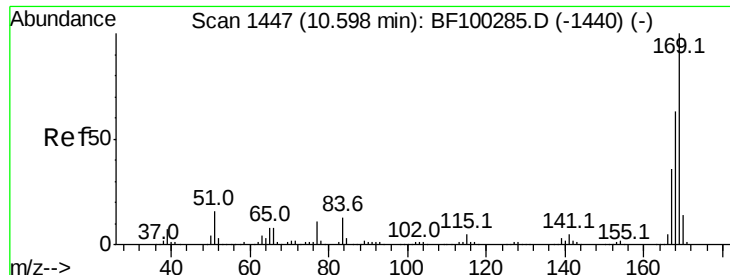
SOHIL
11/13/2017 4:43:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.664 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	64.6		37.7	77.7
105	53.6		36.3	76.3





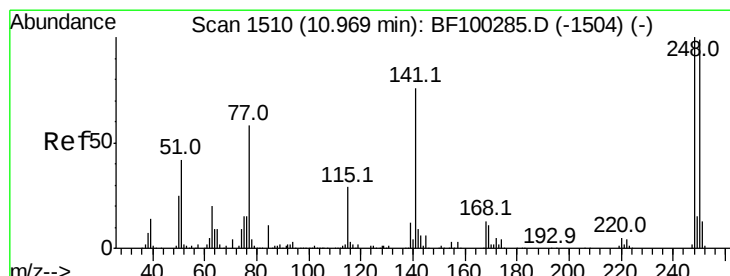
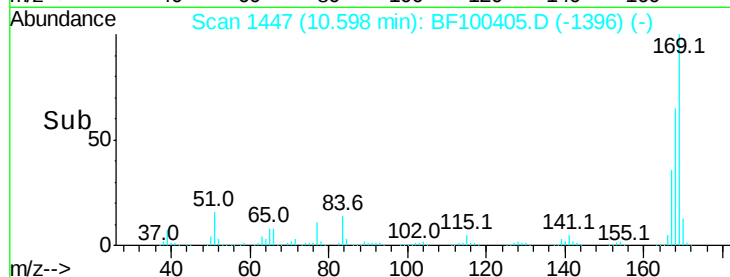
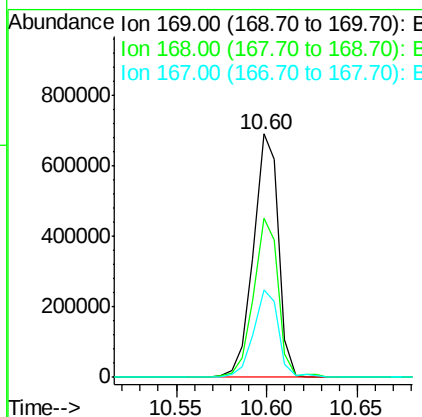
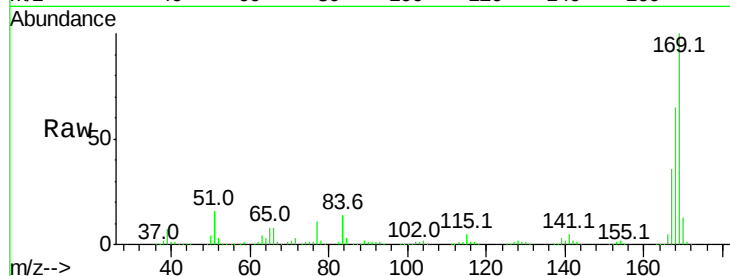
#65
n-Nitrosodiphenylamine
Concen: 47.034 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	661606		
168	65.5		54.4	81.6
167	35.7		29.8	44.6

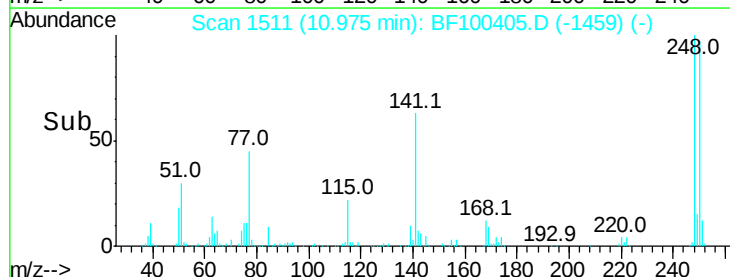
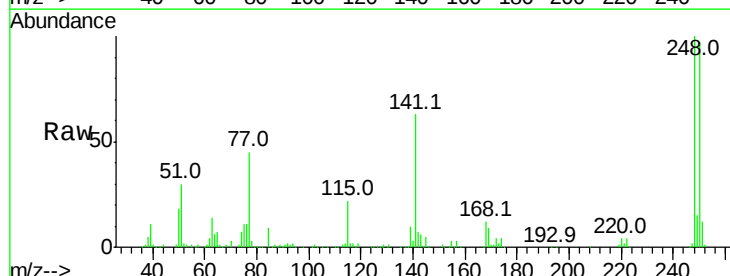
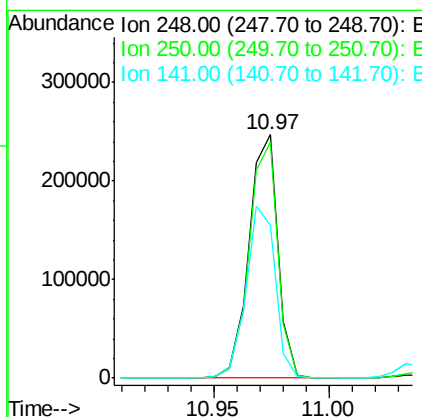
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 49.846 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	216167		
250	96.8		76.9	115.3
141	62.9		74.4	111.6#





#67

Hexachlorobenzene

Concen: 46.429 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

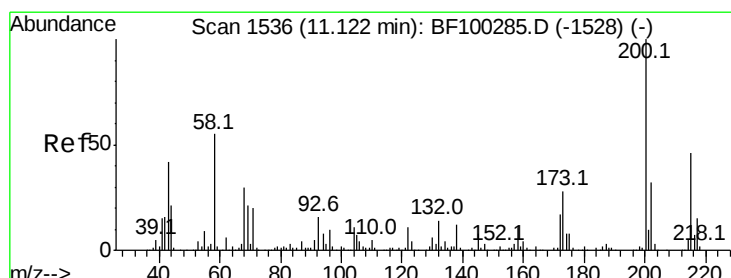
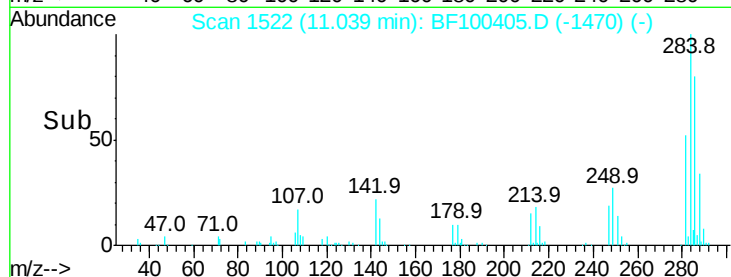
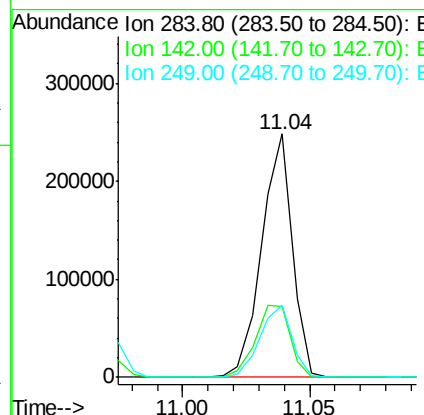
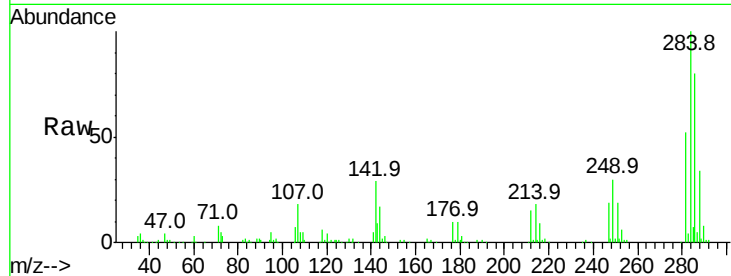
ClientSampleId :

TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	210586		
142	29.2	34.6	52.0	
249	29.6	24.8	37.2	

Manual Integrations
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#68

Atrazine

Concen: 45.021 ng

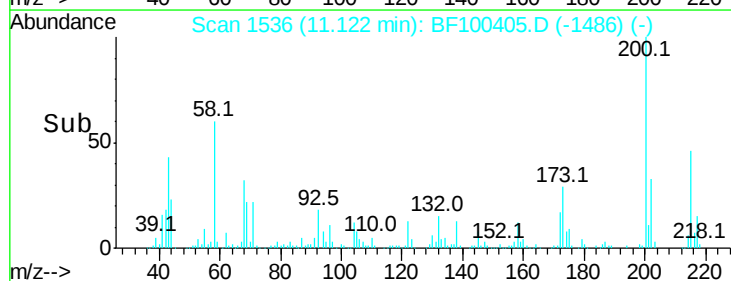
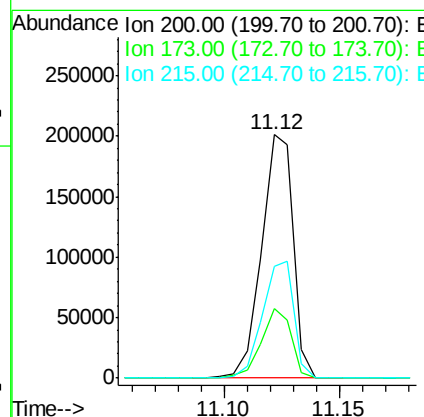
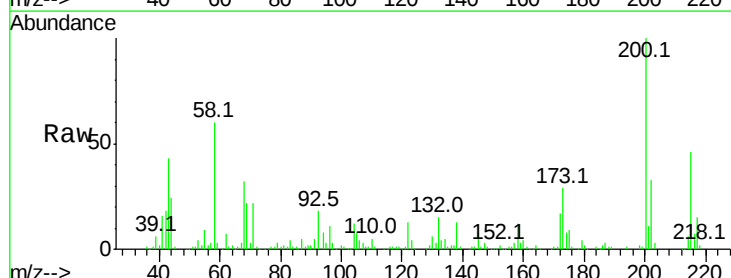
RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	191699		
173	28.5	8.6	48.6	
215	46.2	25.1	65.1	





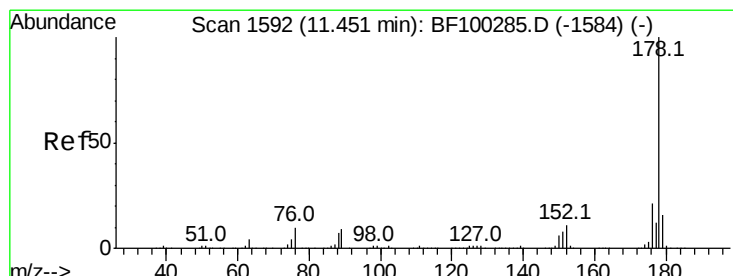
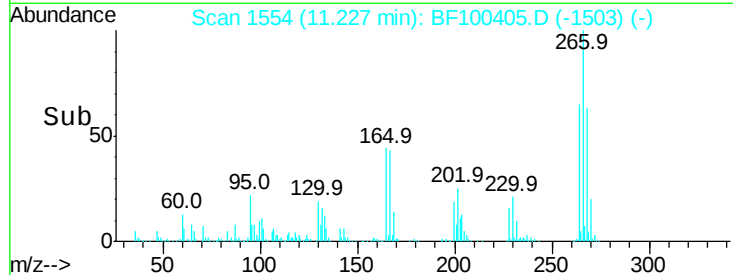
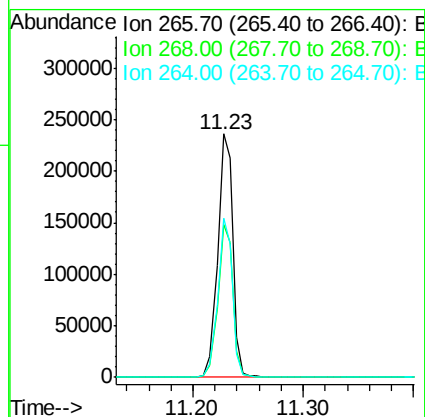
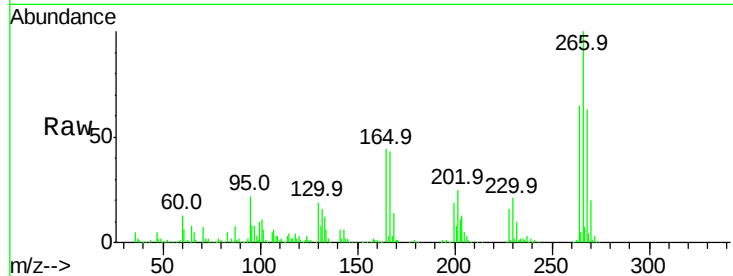
#69
 Pentachlorophenol
 Concen: 68.585 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	223061		
268	62.6	51.1	76.7	
264	65.1	49.5	74.3	

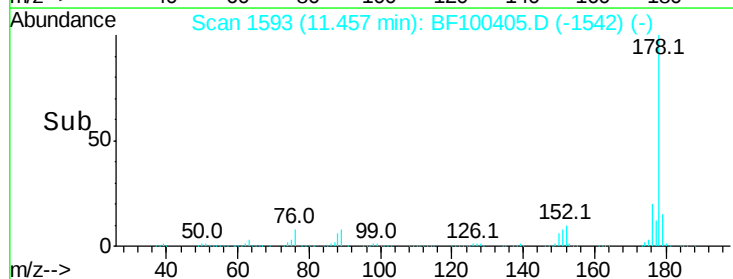
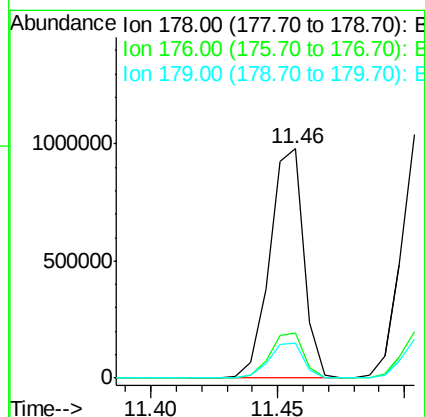
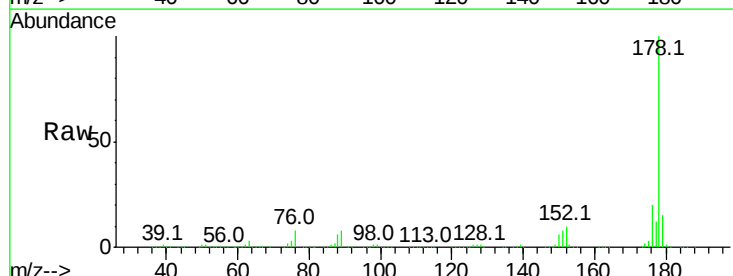
Manual Integrations
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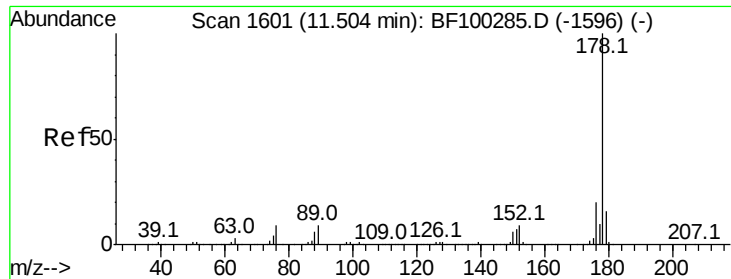
SOHIL
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#70
 Phenanthrene
 Concen: 43.278 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	921810		
176	19.7	15.8	23.8	
179	15.1	13.0	19.6	





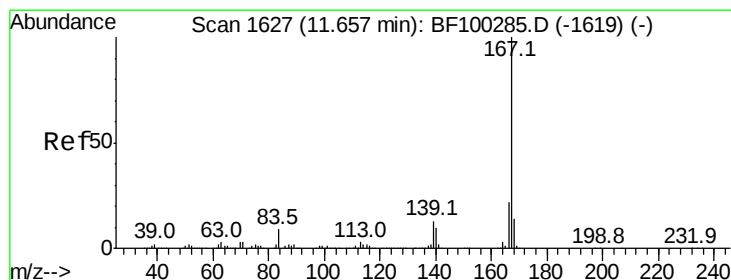
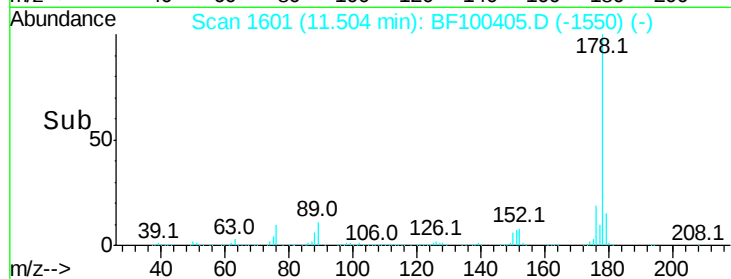
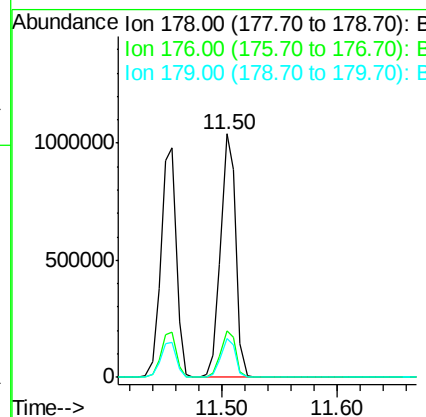
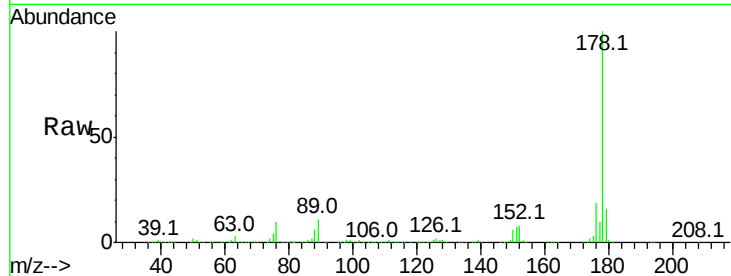
#71
 Anthracene
 Concen: 43.766 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.6	19.0

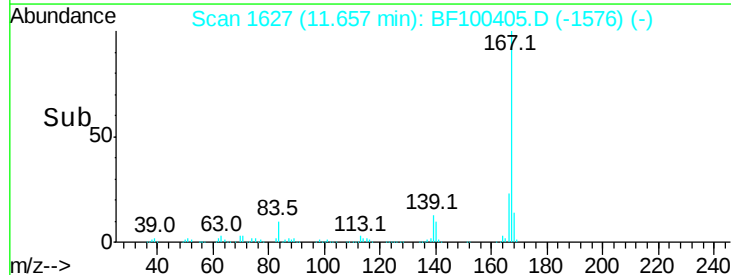
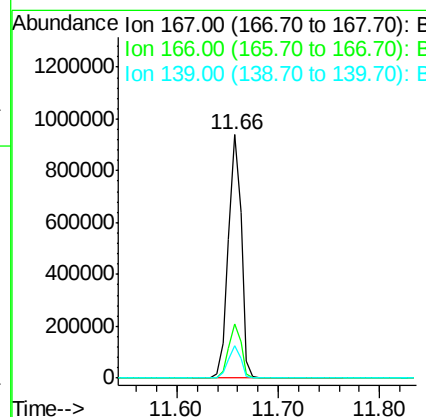
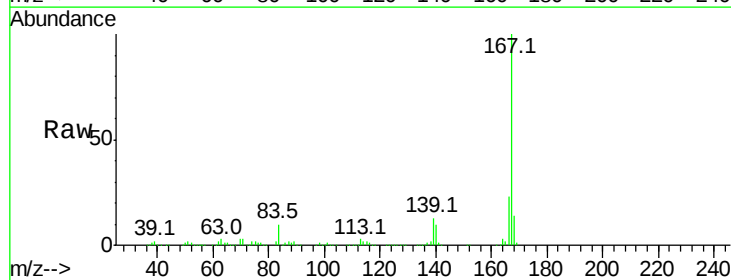
Manual Integrations
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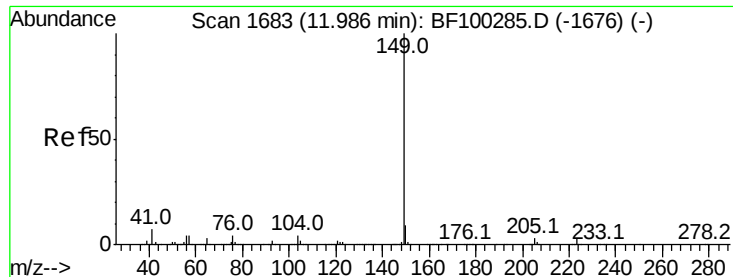
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 11/13/2017 4:43:30 PM



#72
 Carbazole
 Concen: 41.541 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 49.592 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

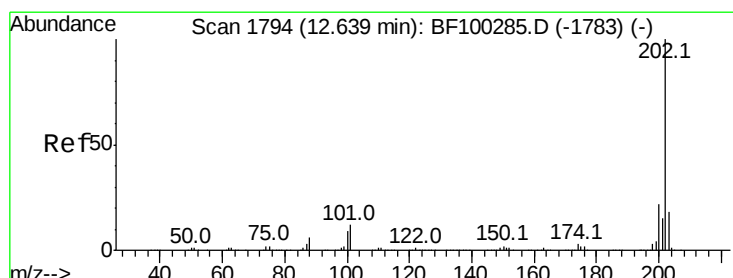
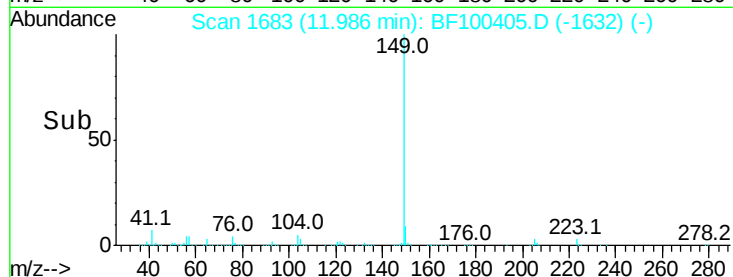
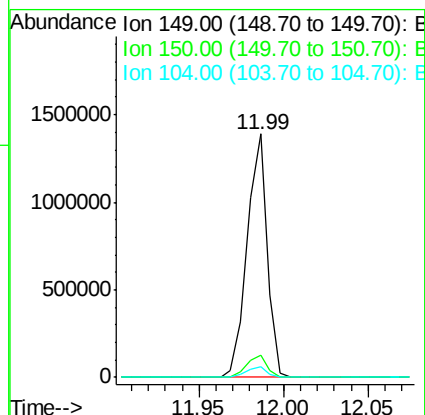
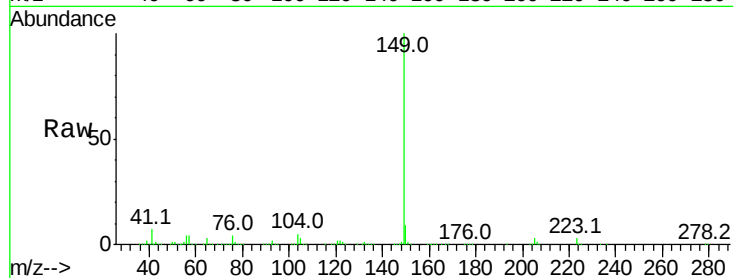
ClientSampleId :

TP-3MSD

Tot Ion:	149	Resp:	1157195
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 40.700 ng

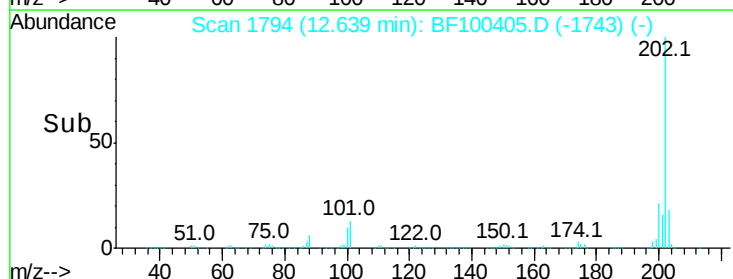
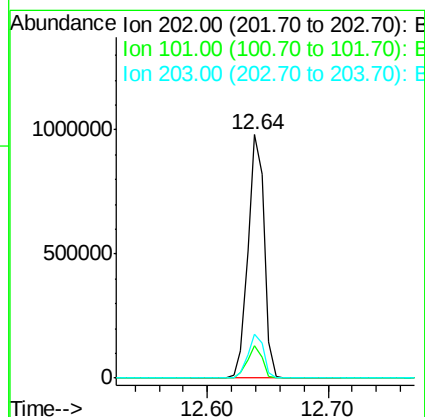
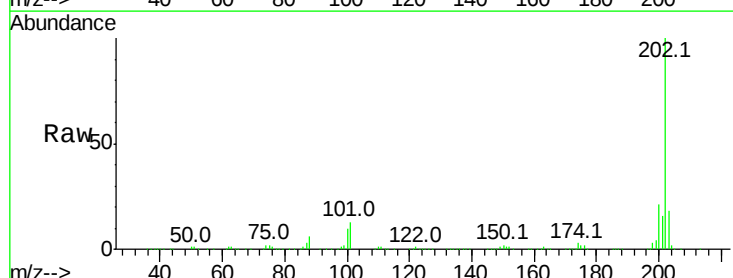
RT: 12.64 min Scan# 1794

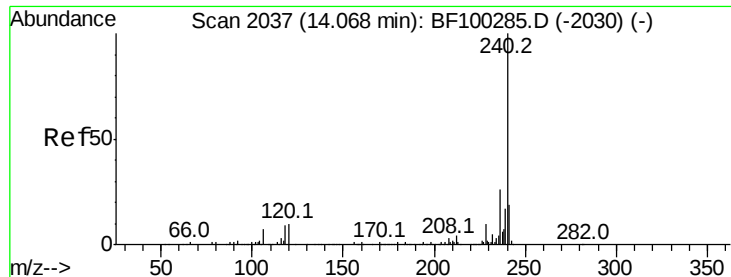
Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	202	Resp:	918766
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

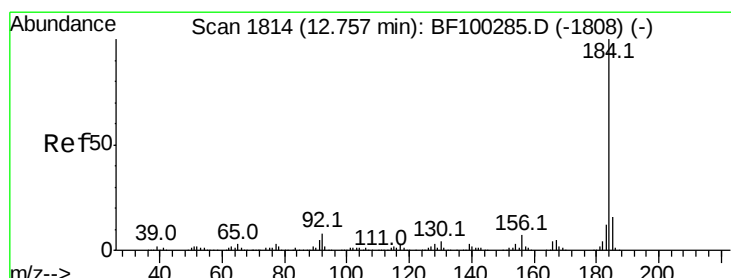
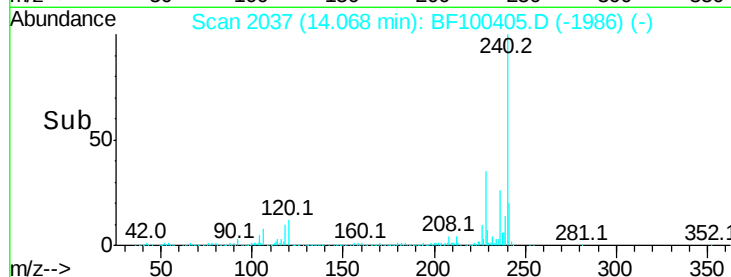
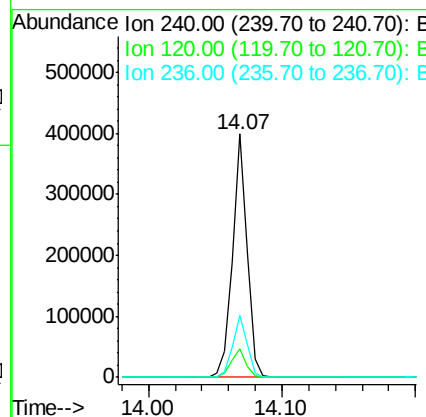
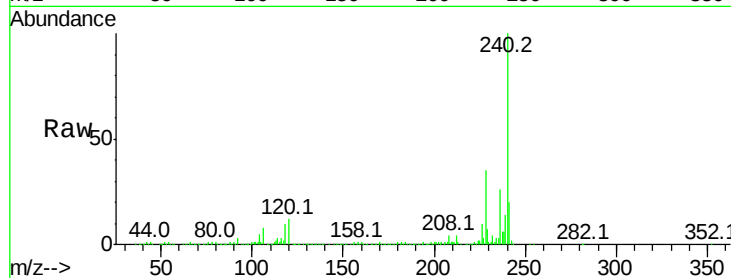
ClientSampleId :

TP-3MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 11.541 ng

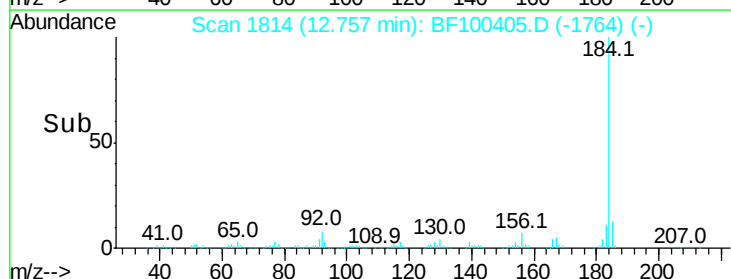
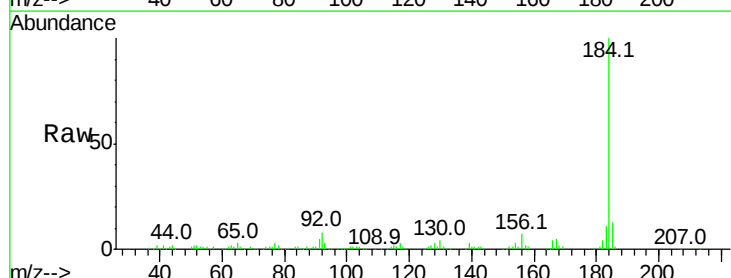
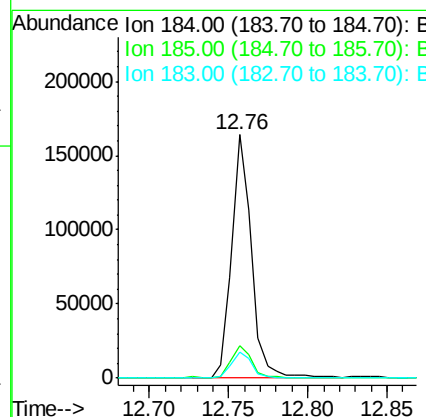
RT: 12.76 min Scan# 1814

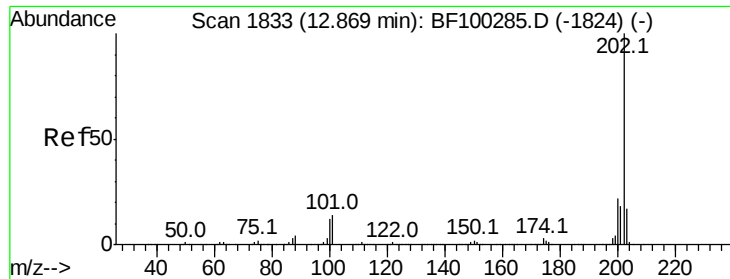
Delta R.T. -0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.3	12.6	18.8
183	10.9	9.3	13.9





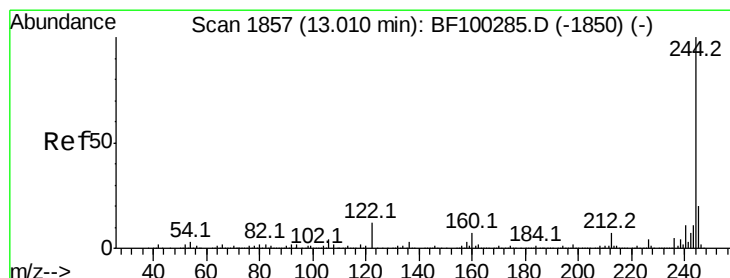
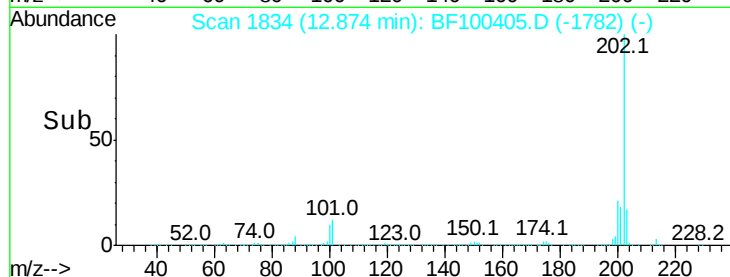
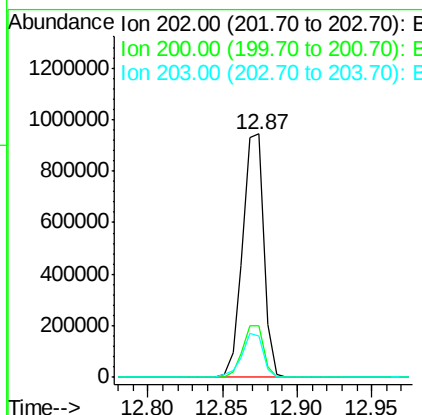
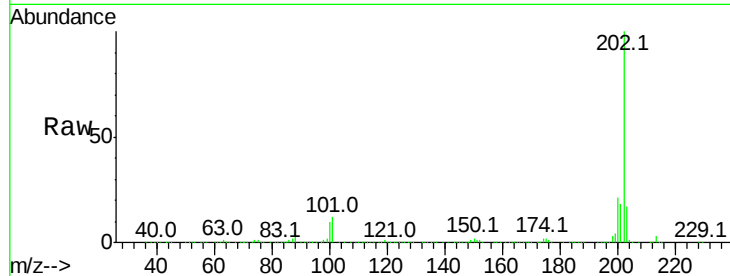
#77
Pvrene
Concen: 42.370 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.2	14.3	21.5

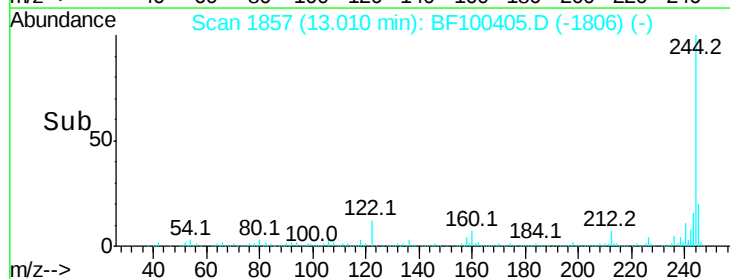
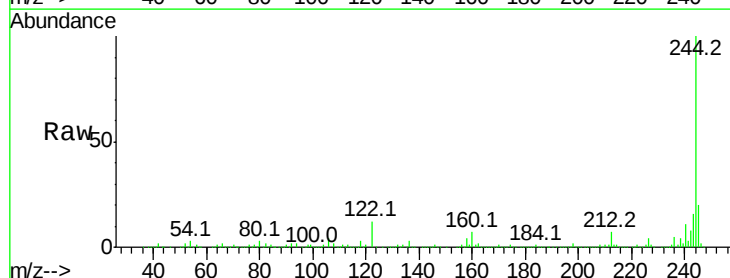
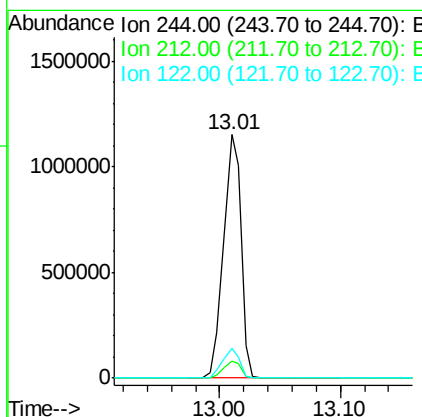
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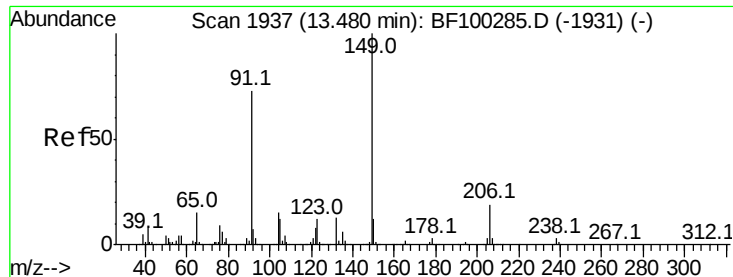
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#78
Terphenyl-d14
Concen: 85.181 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4





#79

Butylbenzylphthalate

Concen: 47.995 ng

RT: 13.49 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

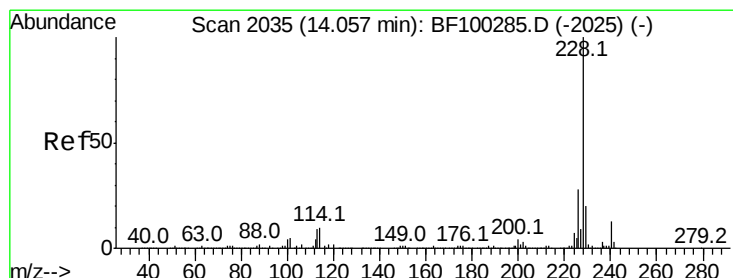
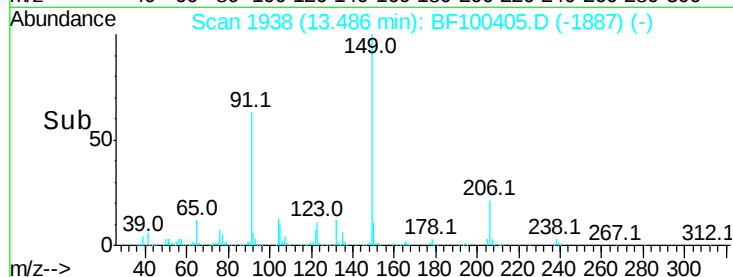
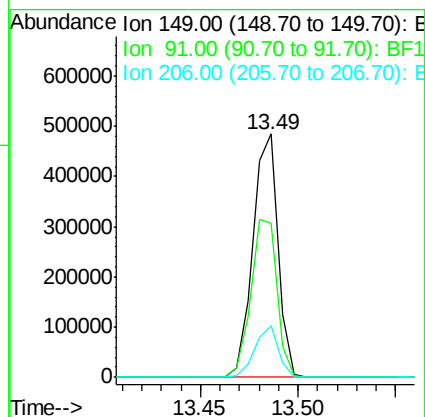
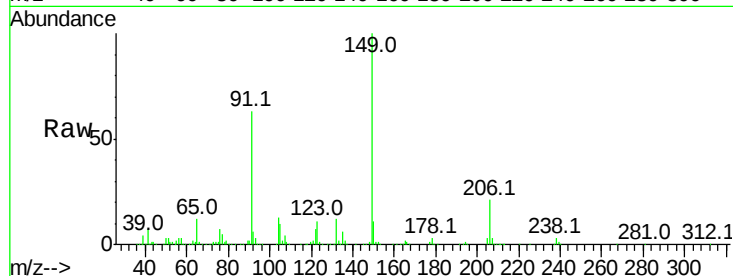
ClientSampleId :

TP-3MSD

Tot Ion:	149	Resp:	431835
Ion Ratio	Lower	Upper	
149	100		
91	63.0	56.8	85.2
206	21.2	14.1	21.1#

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#80

Benzo(a)anthracene

Concen: 44.139 ng

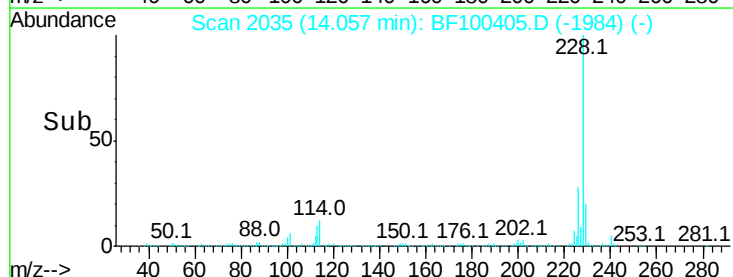
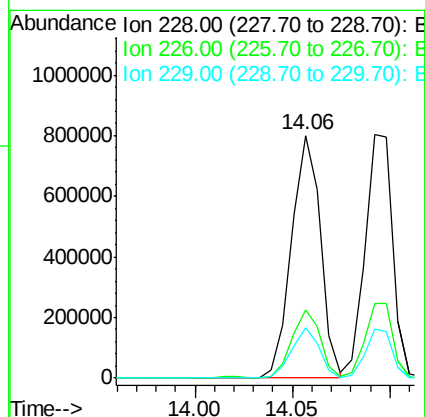
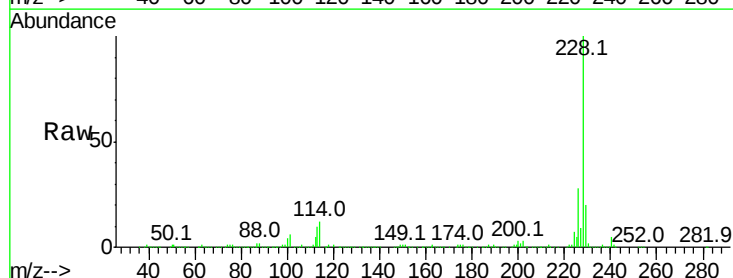
RT: 14.06 min Scan# 2035

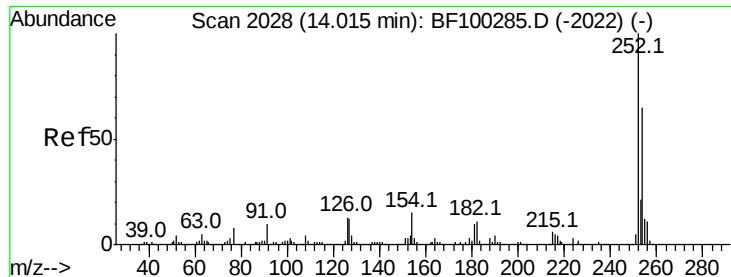
Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	228	Resp:	822678
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.5	15.8	23.6





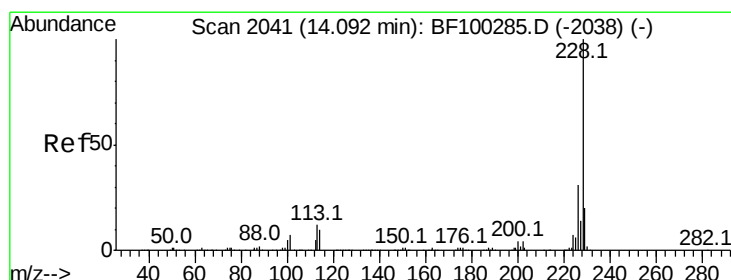
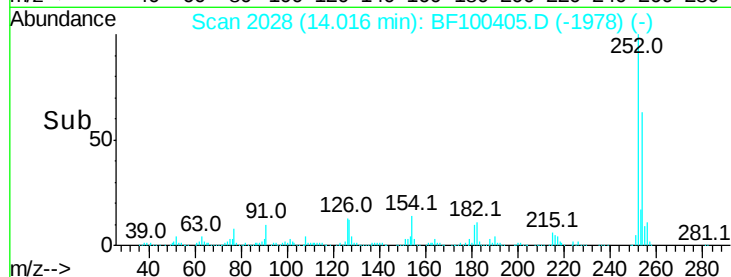
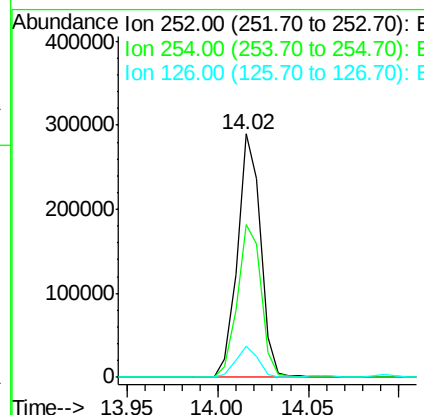
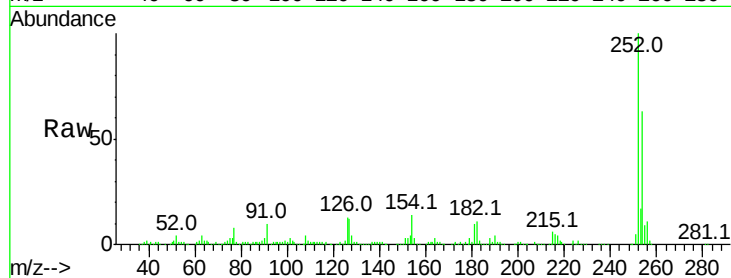
#81
 3,3'-Dichlorobenzidine
 Concen: 38.587 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	12.7	11.3	16.9

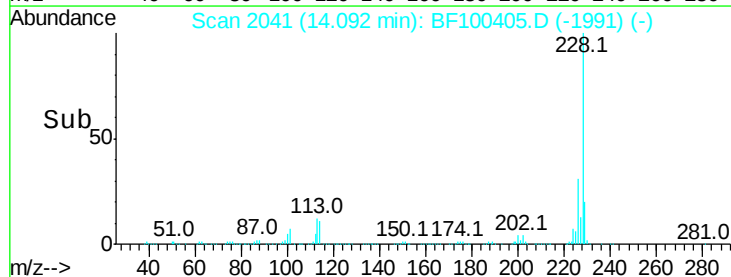
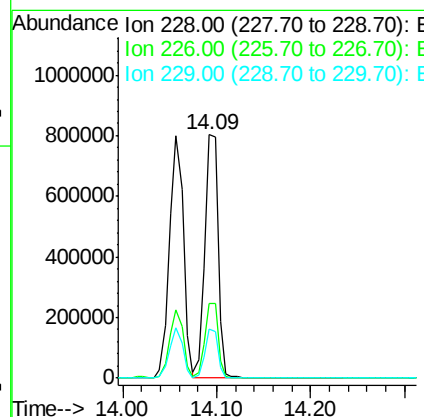
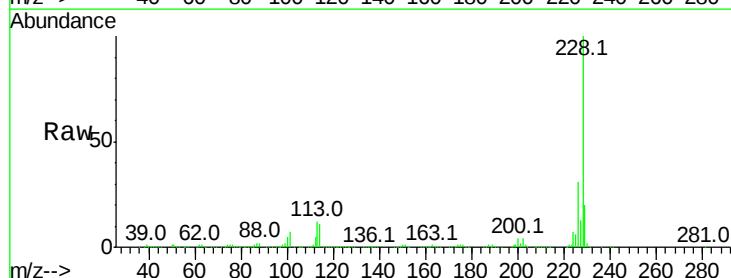
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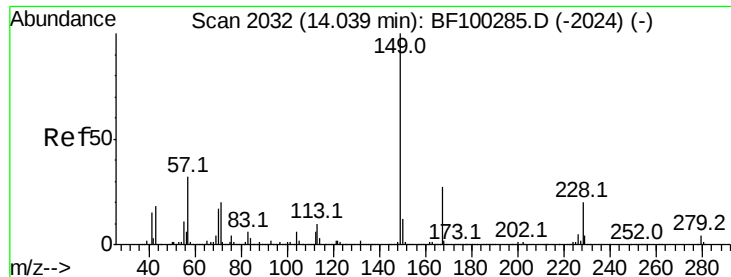
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#82
 Chrysene
 Concen: 43.942 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





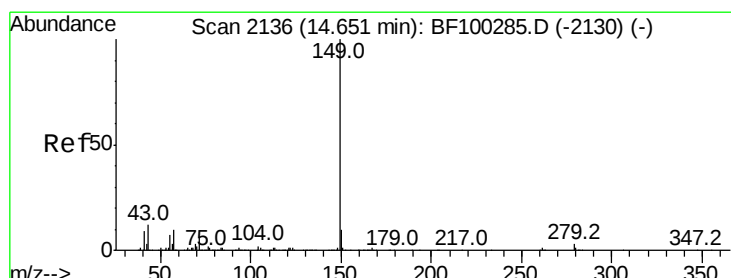
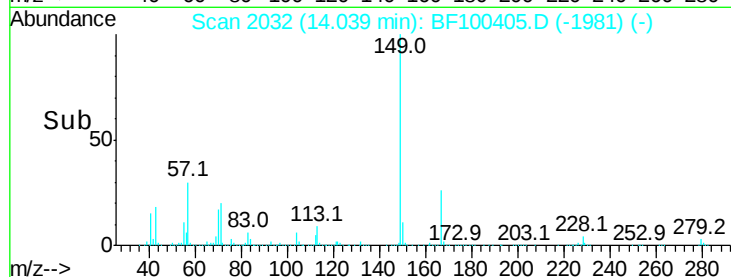
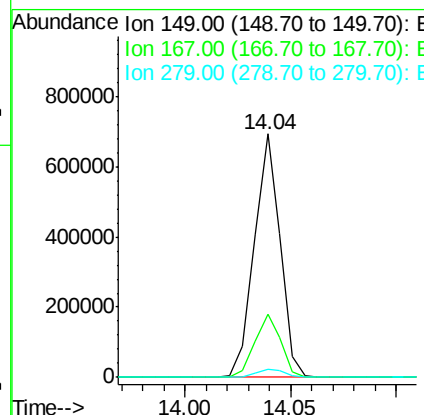
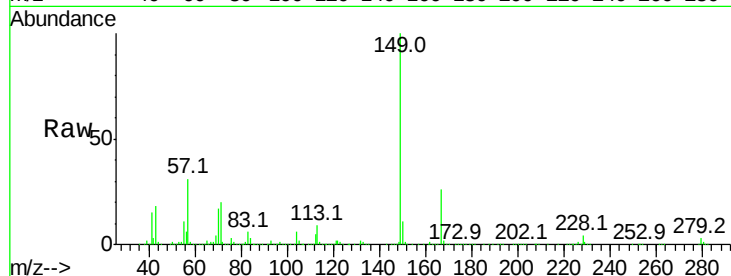
#83
Bis(2-ethylhexyl)phthalate
Concen: 49.806 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	589393		
167	26.2		21.3	31.9
279	3.4		3.0	4.4

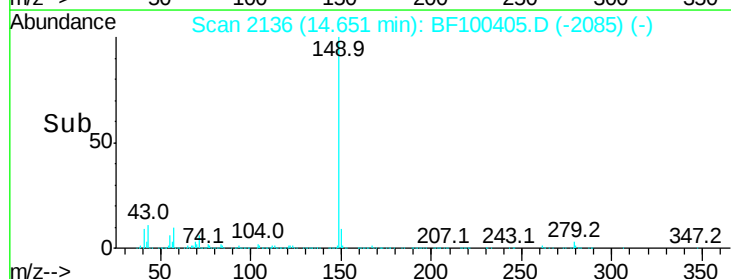
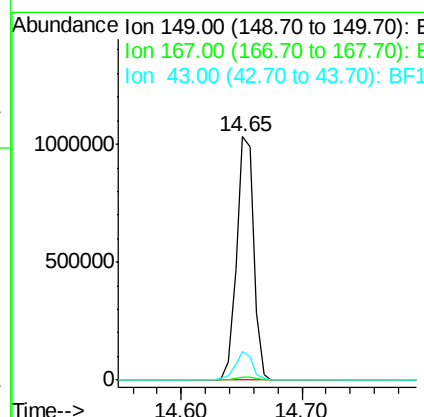
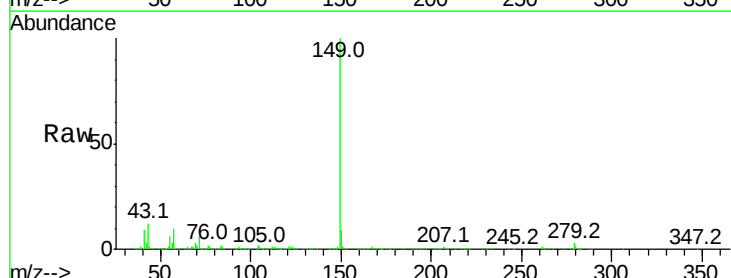
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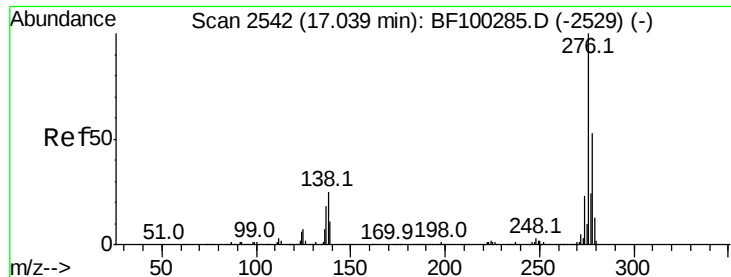
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#84
Di-n-octyl phthalate
Concen: 50.307 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1022721		
167	1.6		1.2	1.8
43	11.1		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.489 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

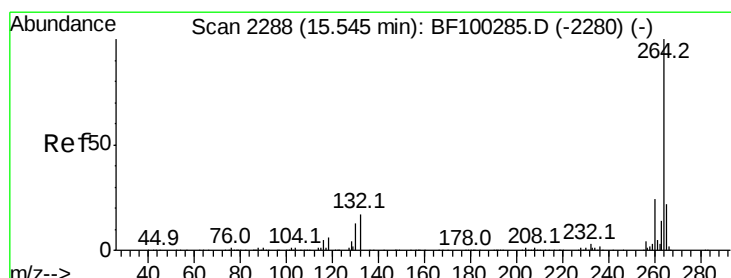
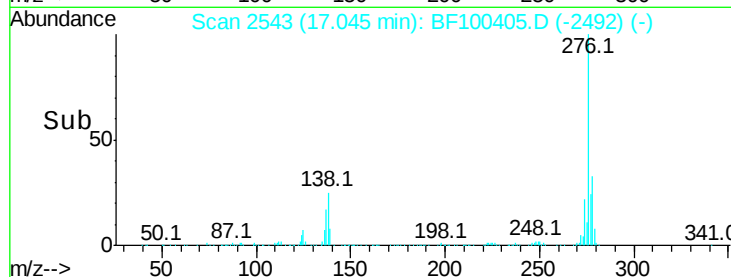
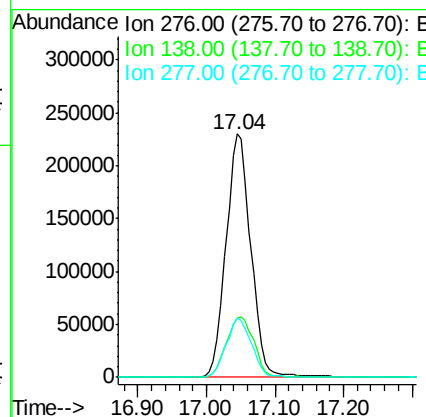
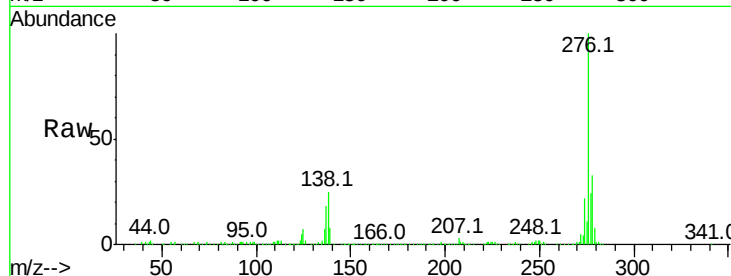
ClientSampleId :

TP-3MSD

Tot Ion:	276	Resp:	576484
Ion Ratio	Lower	Upper	
276	100		
138	27.6	25.0	37.6
277	25.1	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

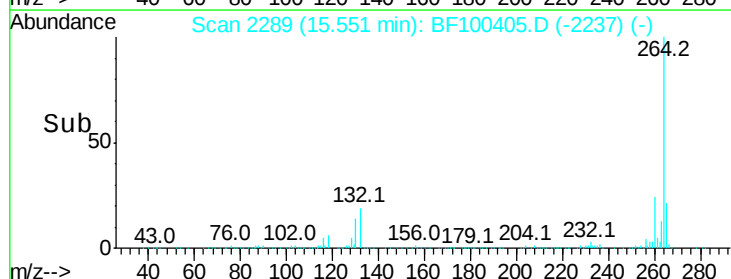
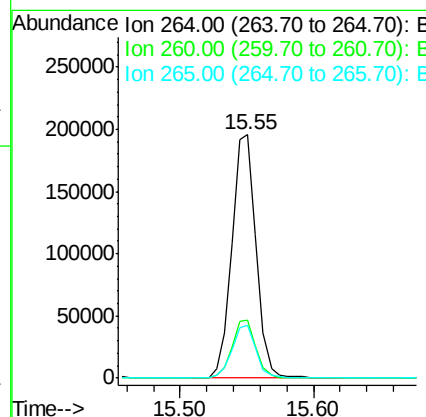
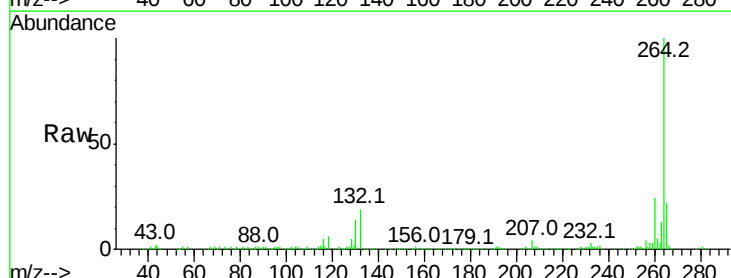
RT: 15.55 min Scan# 2289

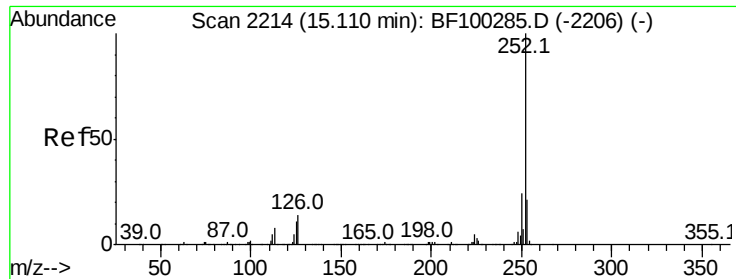
Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	264	Resp:	250200
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.076 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Instrument :

BNA_F

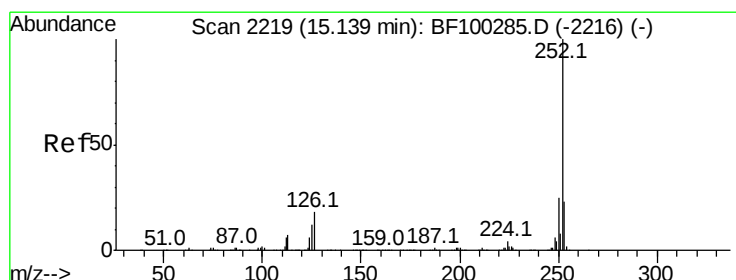
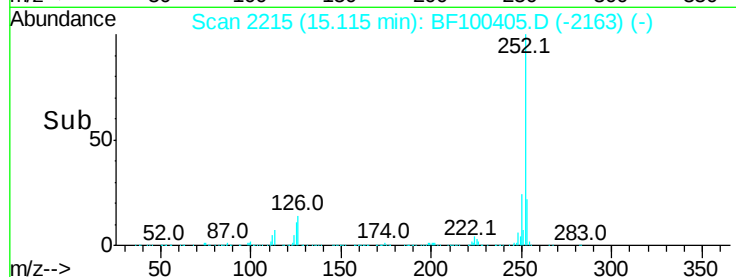
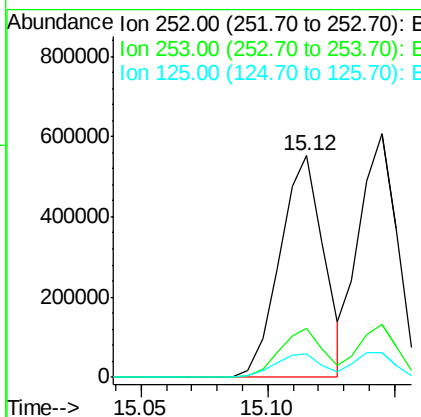
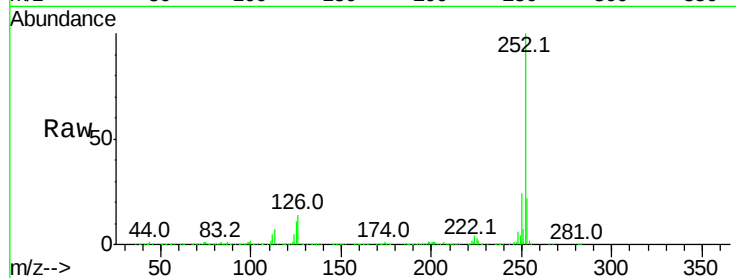
ClientSampleId :

TP-3MSD

Tot Ion:	252	Resp:	668169
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	10.6	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 45.795 ng

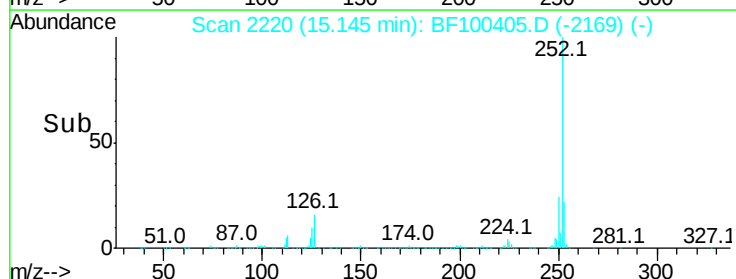
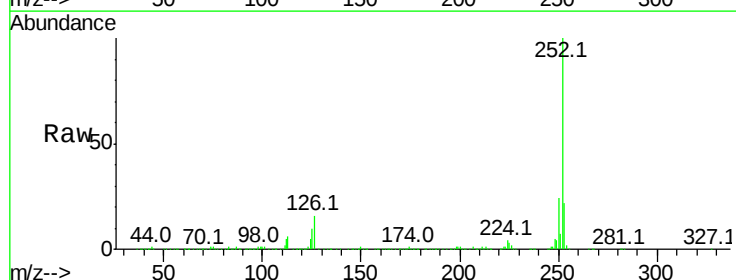
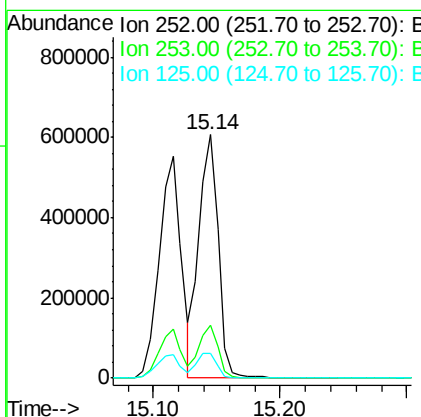
RT: 15.14 min Scan# 2220

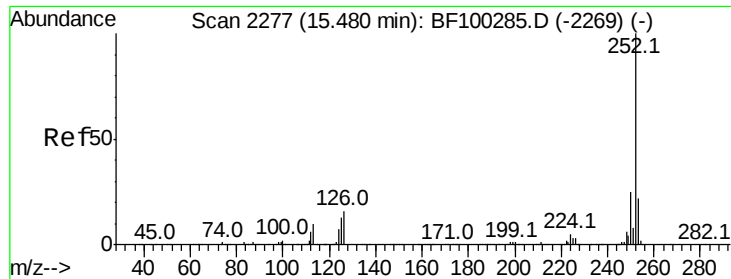
Delta R.T. -0.00 min

Lab File: BF100405.D

Acq: 10 Nov 2017 21:37

Tgt Ion:	252	Resp:	641384
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	10.2	10.2	15.2





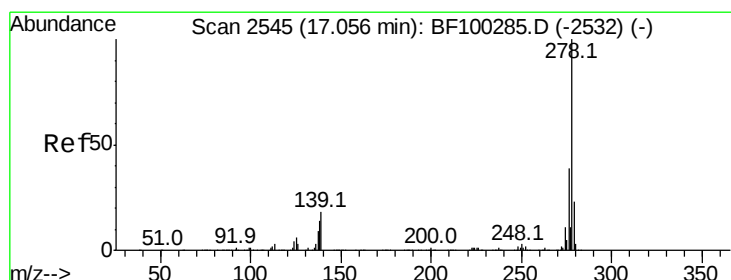
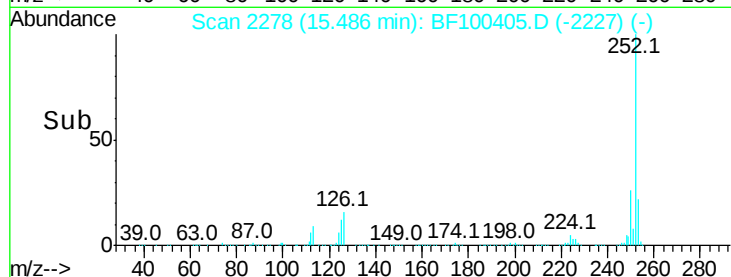
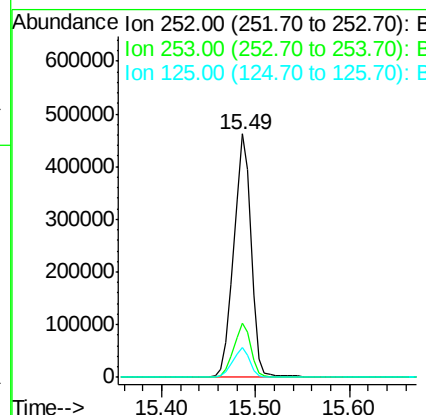
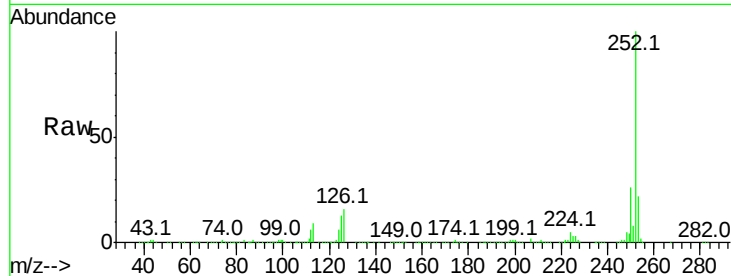
#89
Benzo(a)pyrene
Concen: 45.302 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.5	9.8	14.6

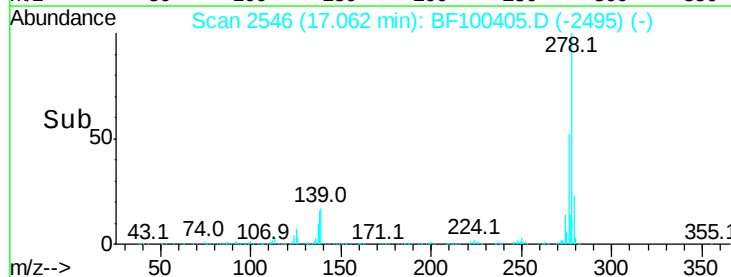
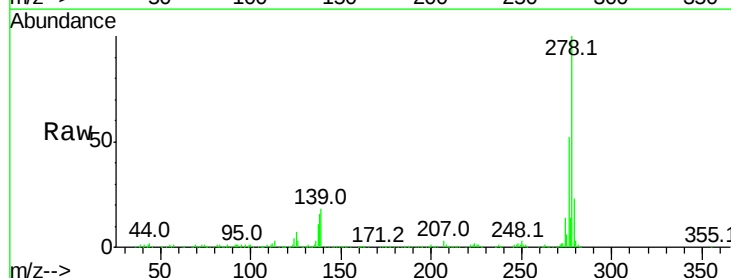
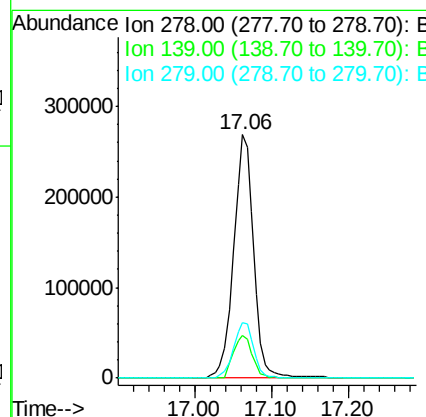
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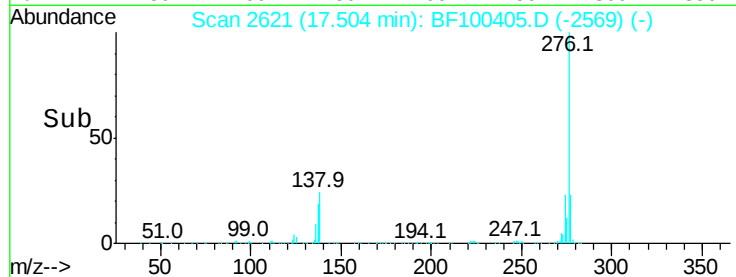
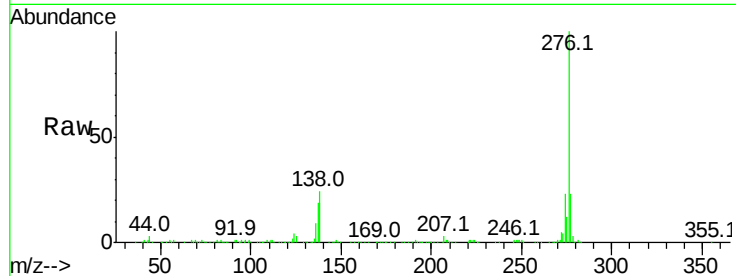
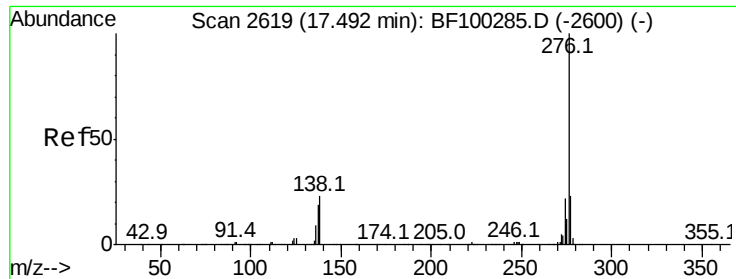
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#90
Dibenzo(a,h)anthracene
Concen: 45.396 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF100405.D
Acq: 10 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.9	23.9
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.168 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BF100405.D
 Acq: 10 Nov 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	23.8	21.8	32.8

Manual Integrations
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