

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100404.D
 Acq On : 10 Nov 2017 21:10
 Operator : SJ/JU
 Sample : I6382-10MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:43:27 PM

Quant Time: Nov 10 23:13:54 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	167264	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	649173	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	265946	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	426930	20.00	ng	0.00
75) Chrysene-d12	14.07	240	333005	20.00	ng	0.00
86) Perylene-d12	15.55	264	267492	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1047398	100.38	ng	0.02
7) Phenol-d6	6.53	99	1163933	90.46	ng	0.00
23) Nitrobenzene-d5	7.47	82	899955	91.65	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	274057	101.13	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1506115	86.23	ng	0.00
78) Terphenyl-d14	13.01	244	1089779	75.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	166328	32.709	ng	# 80
3) Pyridine	3.62	79	317382	22.877	ng	96
4) n-Nitrosodimethylamine	3.56	42	237514	35.262	ng	97
6) Aniline	6.57	93	112930	6.212	ng	98
8) 2-Chlorophenol	6.69	128	432600	39.189	ng	99
9) Benzaldehyde	6.46	77	230993	25.138	ng	99
10) Phenol	6.55	94	447119	33.101	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	450540	39.709	ng	97
12) 1,3-Dichlorobenzene	6.85	146	493187	38.752	ng	98
13) 1,4-Dichlorobenzene	6.92	146	489745	38.021	ng	99
14) 1,2-Dichlorobenzene	7.07	146	455652	38.259	ng	99
15) Benzyl Alcohol	7.05	79	373768	37.220	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	807893	44.520	ng	99
17) 2-Methylphenol	7.16	107	364172	38.605	ng	98
18) Hexachloroethane	7.42	117	130583	30.747	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	314268	35.218	ng	96
20) 3+4-Methylphenols	7.30	107	421477	35.308	ng	# 88
22) Acetophenone	7.32	105	587108	37.088	ng	# 97
24) Nitrobenzene	7.49	77	474792	46.980	ng	98
25) Isophorone	7.73	82	860587	41.707	ng	100
26) 2-Nitrophenol	7.80	139	209193	44.580	ng	92
27) 2,4-Dimethylphenol	7.83	122	408299	44.141	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	558033	41.345	ng	98
29) 2,4-Dichlorophenol	8.04	162	368240	41.702	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	390847	40.919	ng	96
31) Naphthalene	8.21	128	1232483	39.417	ng	100
32) Benzoic acid	7.94	122	217948	34.134	ng	99
33) 4-Chloroaniline	8.25	127	64000	4.917	ng	97
34) Hexachlorobutadiene	8.32	225	228051	40.155	ng	99
35) Caprolactam	8.63	113	79988m	26.395	ng	
36) 4-Chloro-3-methylphenol	8.73	107	359035	37.858	ng	96
37) 2-Methylnaphthalene	8.90	142	818988	39.453	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	371413	42.110	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	55101	13.274	ng	95

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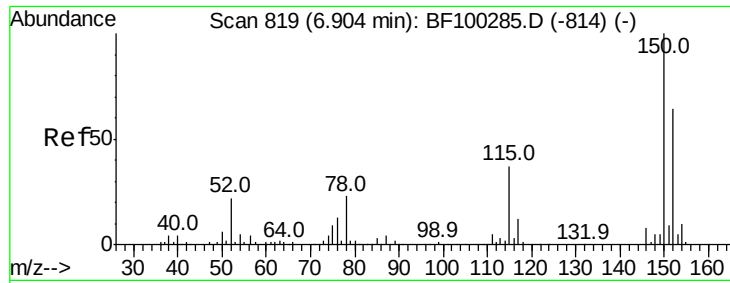
Manual Integrations
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 11/13/2017 4:43:27 PM

Quant Time: Nov 10 23:13:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	247462	44.268	ng	100
43) 2,4,5-Trichlorophenol	9.22	196	245805	42.441	ng	95
45) 1,1'-Biphenyl	9.36	154	931786	40.510	ng	100
46) 2-Chloronaphthalene	9.39	162	724365	43.409	ng	96
47) 2-Nitroaniline	9.49	65	238520	48.353	ng	97
48) Acenaphthylene	9.80	152	1078053	38.984	ng	99
49) Dimethylphthalate	9.66	163	864181	42.559	ng	99
50) 2,6-Dinitrotoluene	9.72	165	170839	42.504	ng	96
51) Acenaphthene	9.98	154	634493	37.726	ng	99
52) 3-Nitroaniline	9.89	138	127807	26.928	ng	98
53) 2,4-Dinitrophenol	9.99	184	10743	15.846	ng #	31
54) Dibenzofuran	10.15	168	929506	39.432	ng	98
55) 4-Nitrophenol	10.05	139	222549	57.747	ng	94
56) 2,4-Dinitrotoluene	10.13	165	201913	39.821	ng #	89
57) Fluorene	10.49	166	663327	38.413	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	182571	38.462	ng #	88
59) Diethylphthalate	10.36	149	817936	40.253	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	340360	40.179	ng	95
61) 4-Nitroaniline	10.50	138	166558	37.009	ng	96
62) Azobenzene	10.64	77	719827	37.612	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	9353	12.134	ng	97
65) n-Nitrosodiphenylamine	10.60	169	638108	42.985	ng	97
66) 4-Bromophenyl-phenylether	10.97	248	210991	46.102	ng #	83
67) Hexachlorobenzene	11.04	284	206684	43.180	ng #	87
68) Atrazine	11.12	200	185141	41.201	ng	97
69) Pentachlorophenol	11.23	266	217202	63.282	ng	97
70) Phenanthrene	11.46	178	891975	39.681	ng	99
71) Anthracene	11.50	178	919845	40.334	ng	100
72) Carbazole	11.66	167	802609	38.142	ng	99
73) Di-n-butylphthalate	11.99	149	1129325	45.861	ng	99
74) Fluoranthene	12.64	202	914159	38.373	ng	98
76) Benzidine	12.76	184	142015	10.649	ng	98
77) Pyrene	12.87	202	909918	38.332	ng	99
79) Butylbenzylphthalate	13.49	149	424777	43.879	ng	91
80) Benzo(a)anthracene	14.06	228	798205	39.804	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	253381	35.266	ng	97
82) Chrysene	14.10	228	774942	39.906	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	584310	45.892	ng	99
84) Di-n-octyl phthalate	14.66	149	1000839	45.756	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	564683	35.951	ng	96
87) Benzo(b)fluoranthene	15.12	252	646804	40.814	ng	99
88) Benzo(k)fluoranthene	15.14	252	635864	42.466	ng	98
89) Benzo(a)pyrene	15.49	252	585404	41.668	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	473279	41.192	ng	97
91) Benzo(g,h,i)perylene	17.50	276	469927	41.782	ng	96

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



#1

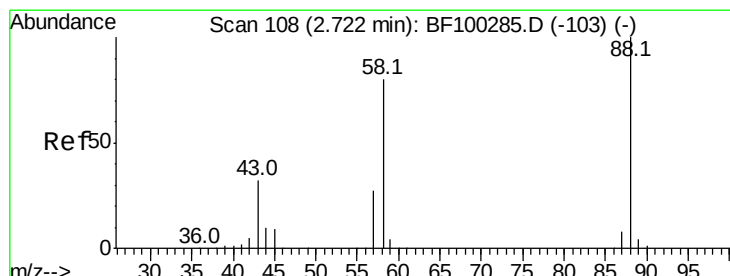
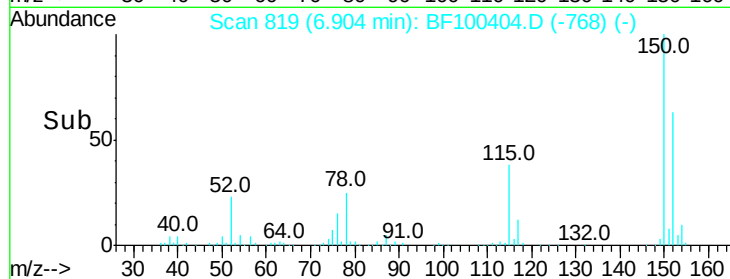
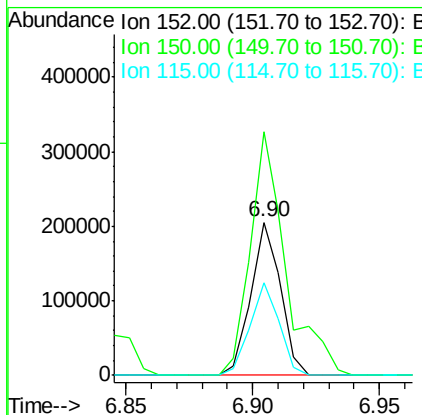
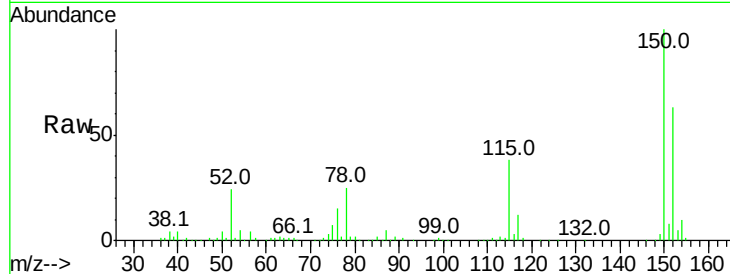
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.4	50.1	75.1

Manual Integrations
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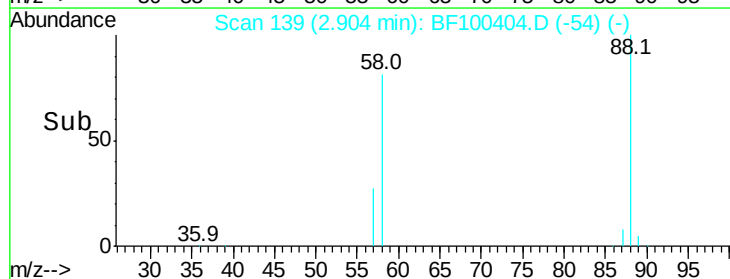
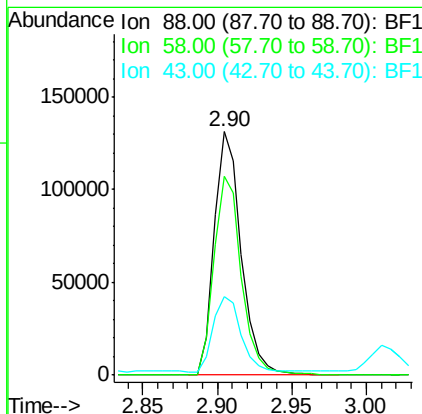
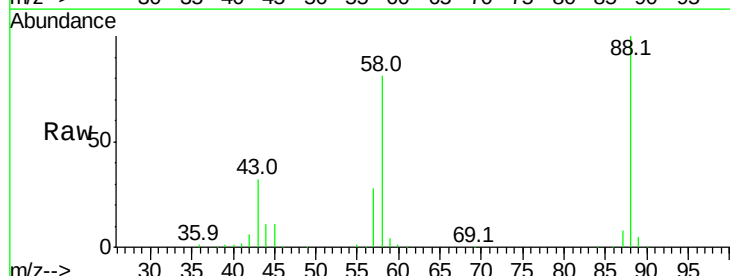
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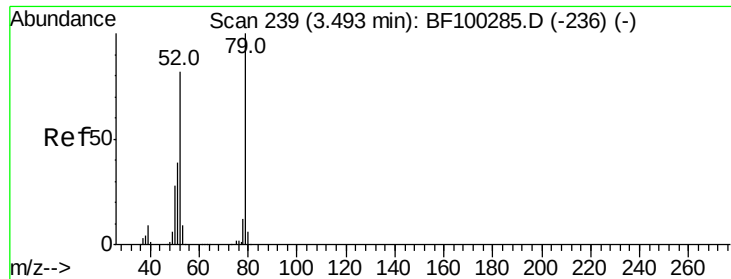


#2

1,4-Dioxane
Concen: 32.709 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.20 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	62.6	93.8
43	0.0	24.6	37.0#





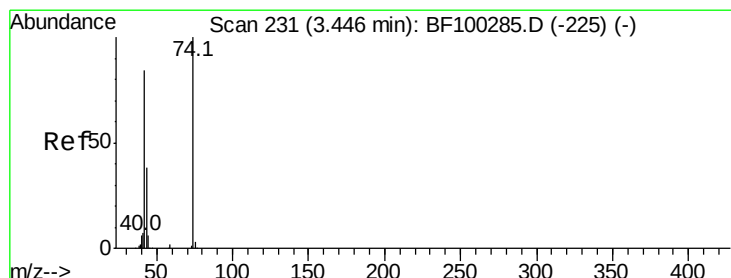
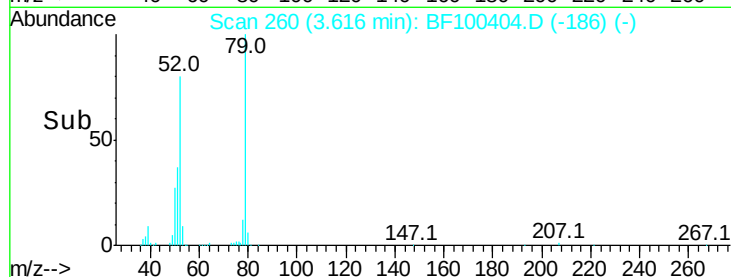
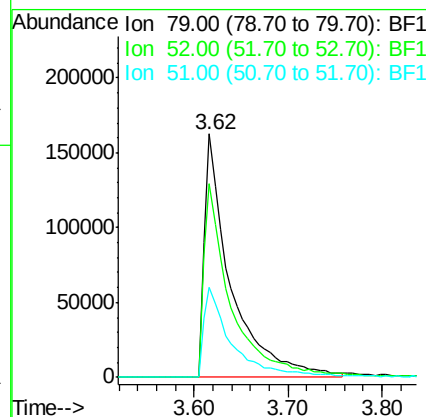
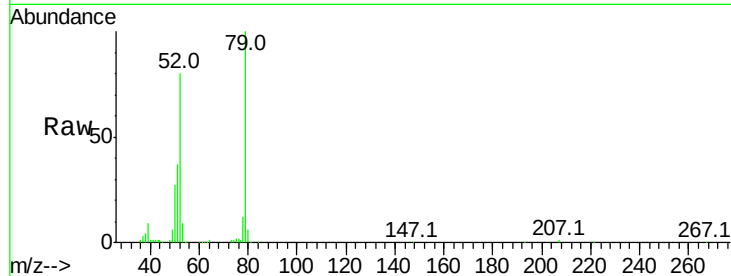
#3
 Pvridine
 Concen: 22.877 ng
 RT: 3.62 min Scan# 260
 Delta R.T. 0.14 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	79.5	59.8		89.6	
51	37.1	29.8		44.8	

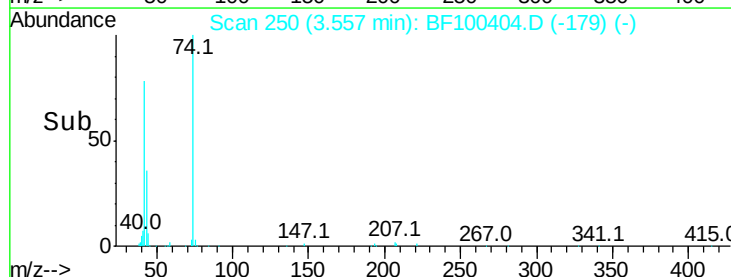
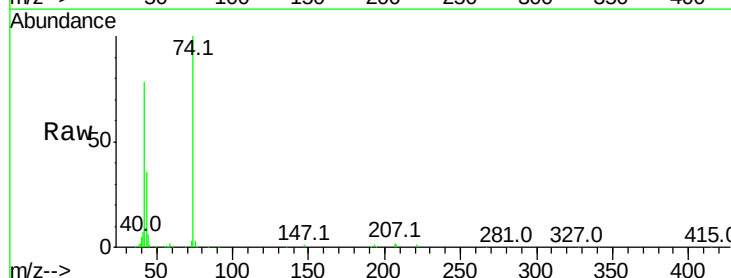
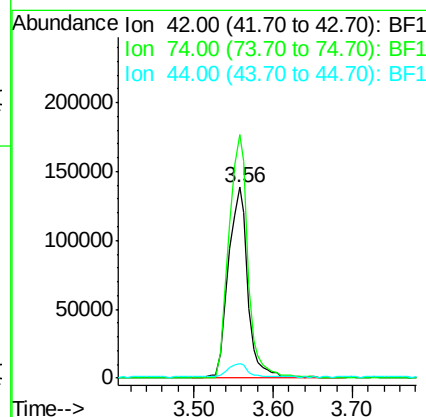
Manual Integrations
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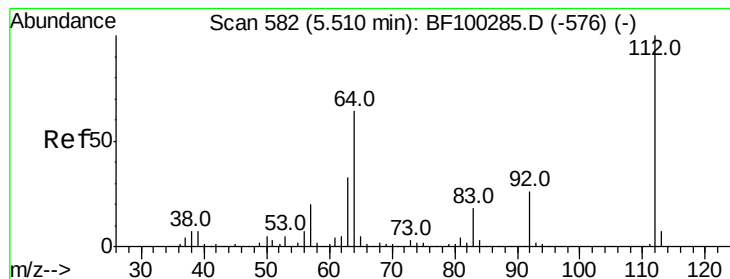
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#4
 n-Nitrosodimethylamine
 Concen: 35.262 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.12 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	127.7	104.9		157.3	
44	7.8	6.9		10.3	





#5

2-Fluorophenol

Concen: 100.378 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tot Ion:112 Resp: 1047398

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

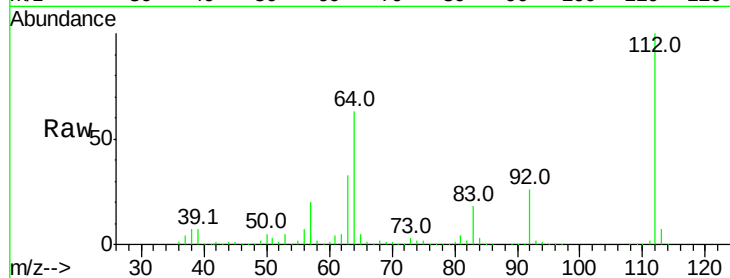
63 32.9 23.7 35.5

Manual Integrations

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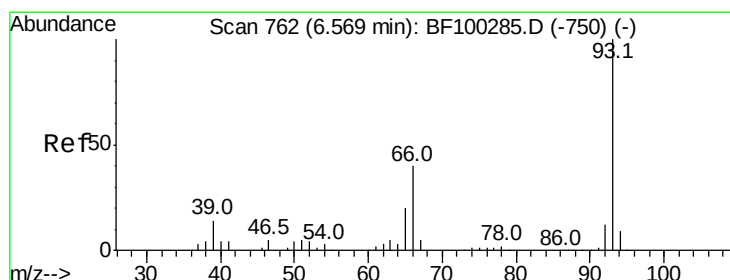
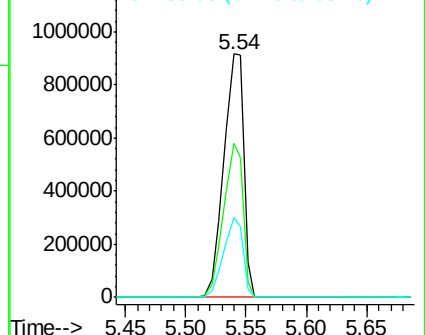
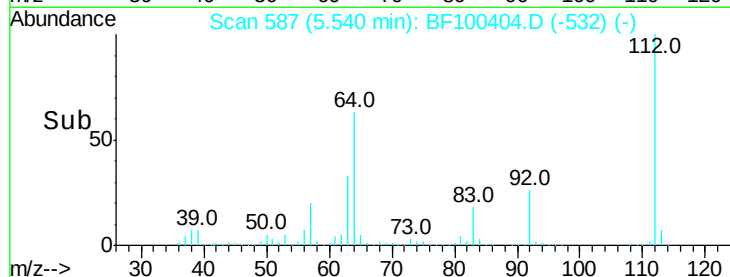
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.212 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

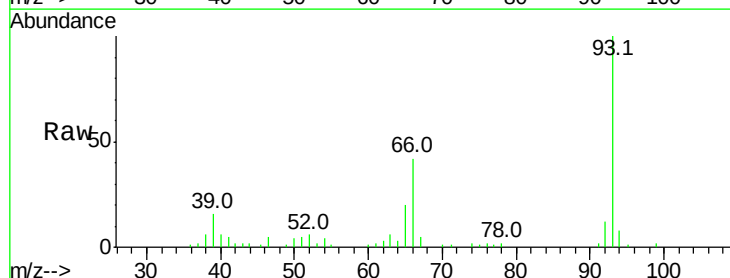
Tgt Ion: 93 Resp: 112930

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

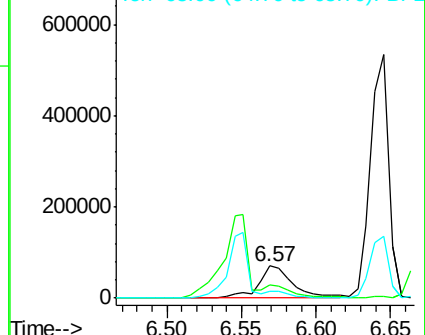
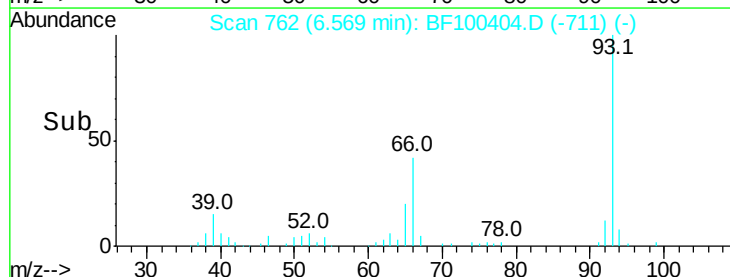
65 20.3 16.4 24.6

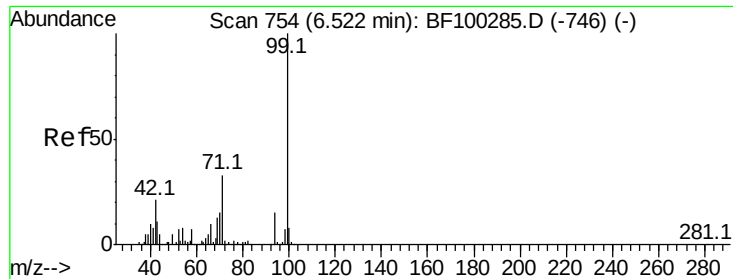


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.458 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tot Ion: 99 Resp: 1163933

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

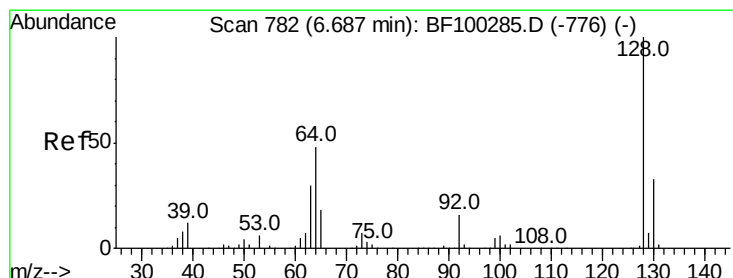
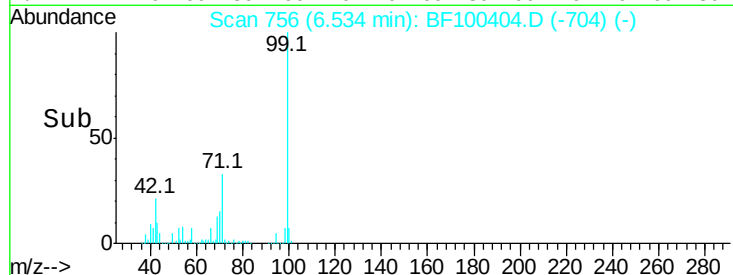
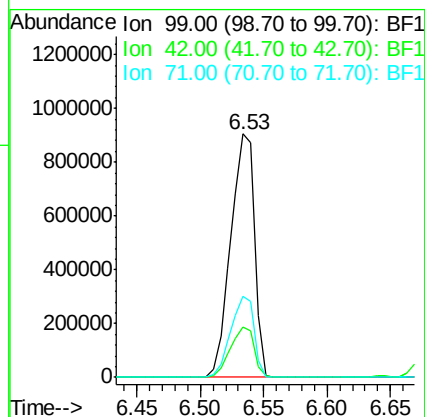
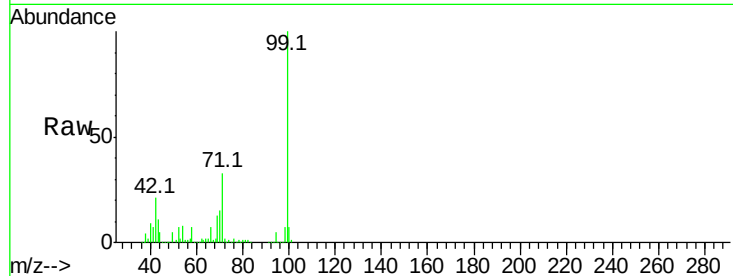
71 33.2 25.4 38.0

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#8

2-Chlorophenol

Concen: 39.189 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

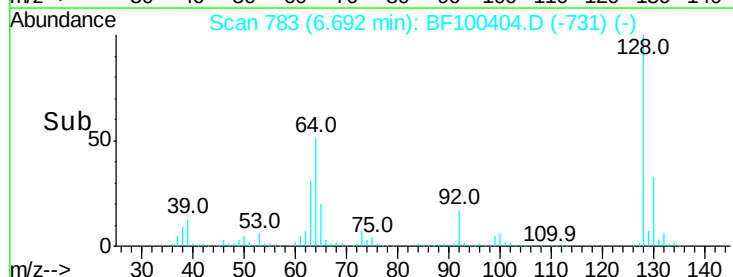
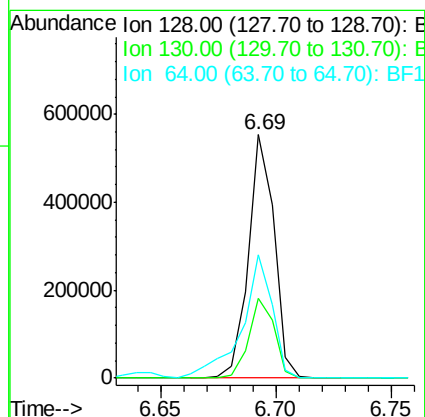
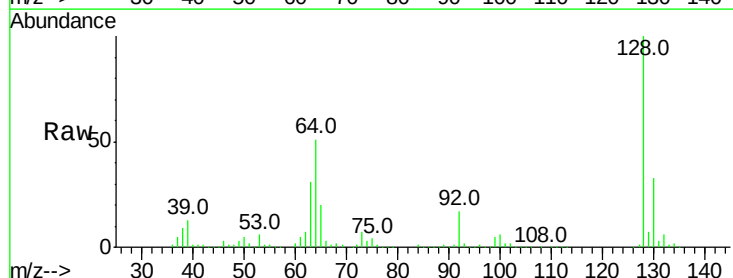
Tgt Ion: 128 Resp: 432600

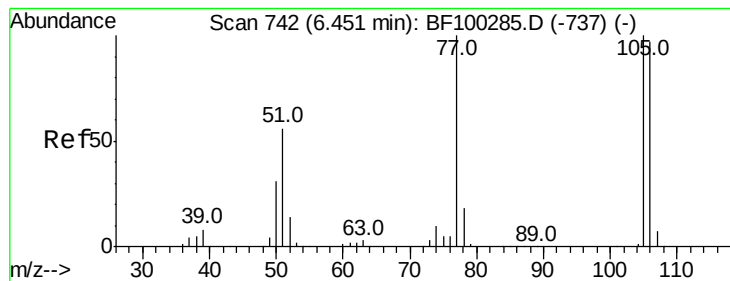
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 50.5 29.4 69.4





#9

Benzaldehyde

Concen: 25.138 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

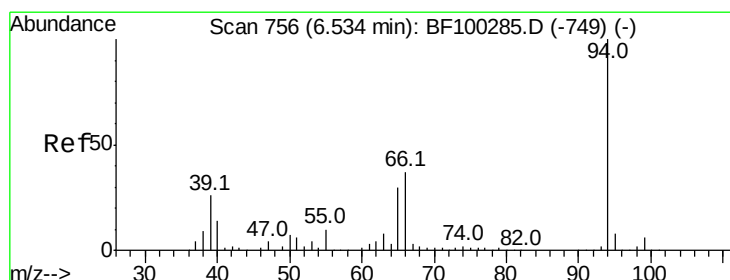
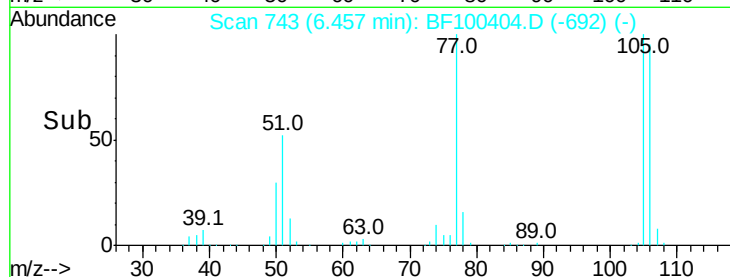
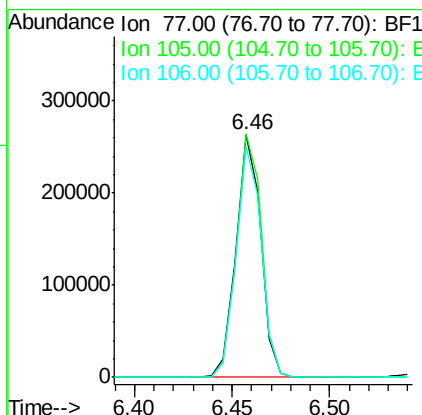
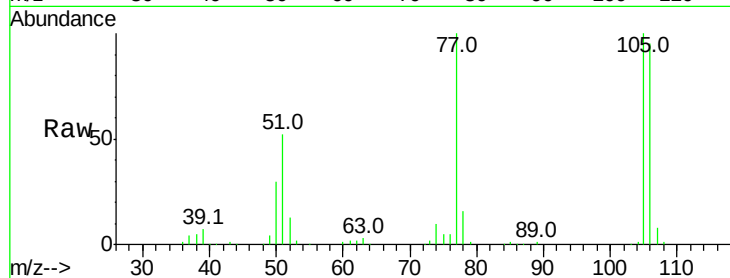
ClientSampleId :

TP-3MS

Tot Ion:	77	Resp:	230993
Ion Ratio	Lower	Upper	
77	100		
105	100.4	81.1	121.1
106	95.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.101 ng

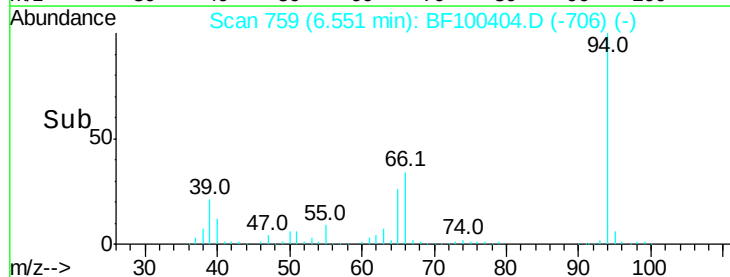
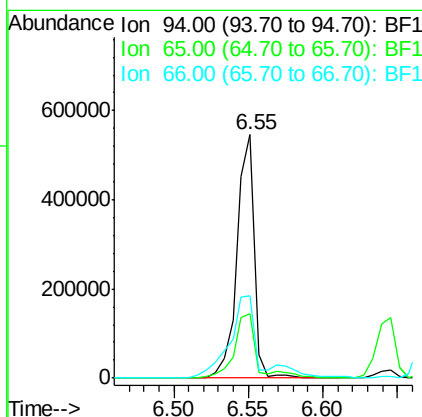
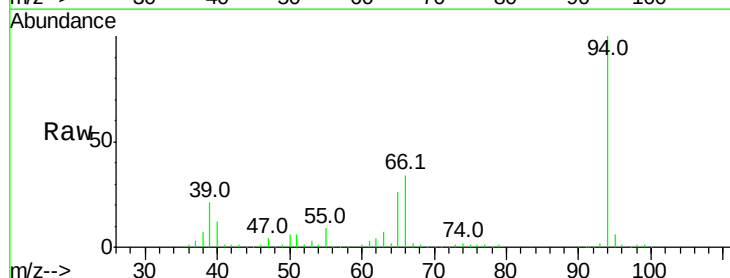
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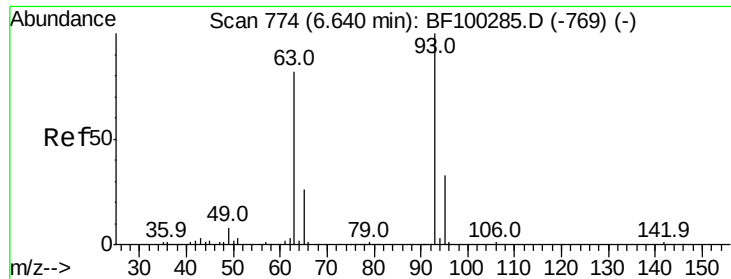
Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	94	Resp:	447119
Ion Ratio	Lower	Upper	
94	100		
65	26.5	7.9	47.9
66	33.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.709 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

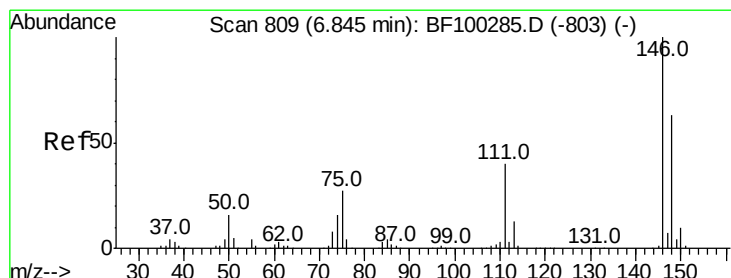
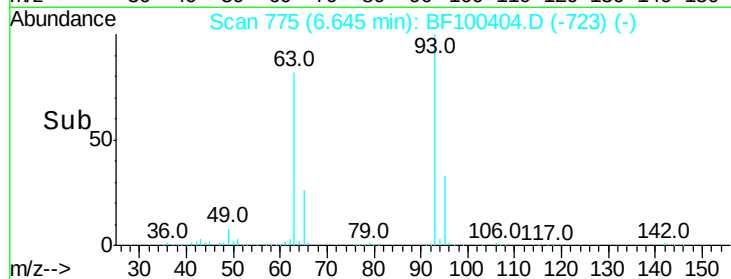
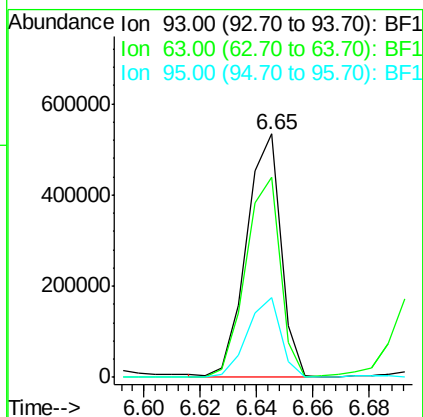
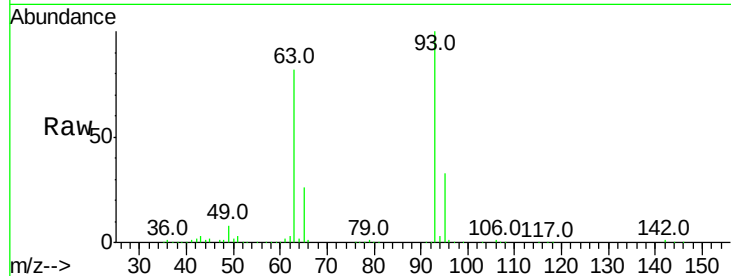
ClientSampleId :

TP-3MS

Tot Ion:	93	Resp:	450540
Ion Ratio	Lower	Upper	
93	100		
63	82.3	58.6	98.6
95	32.7	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.752 ng

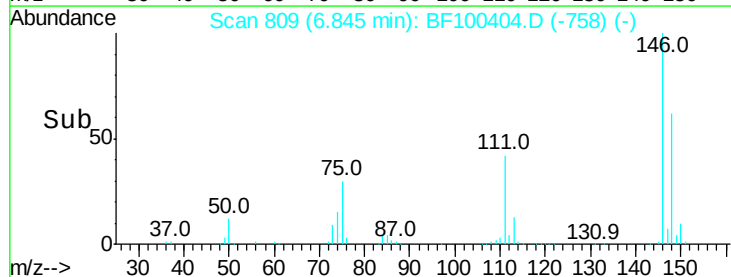
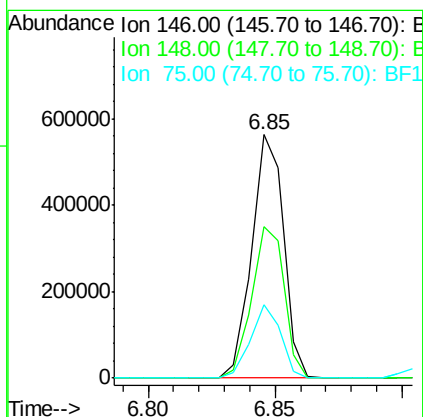
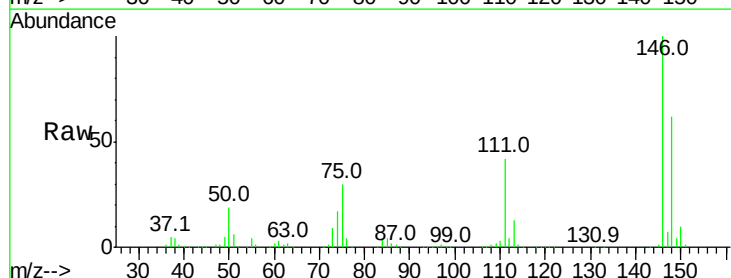
RT: 6.85 min Scan# 809

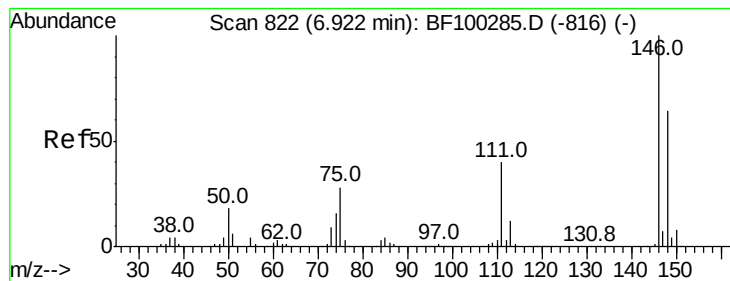
Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	146	Resp:	493187
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.8	77.8
75	30.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.021 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

ClientSampled :

TP-3MS

Tot Ion:146 Resp: 489745

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

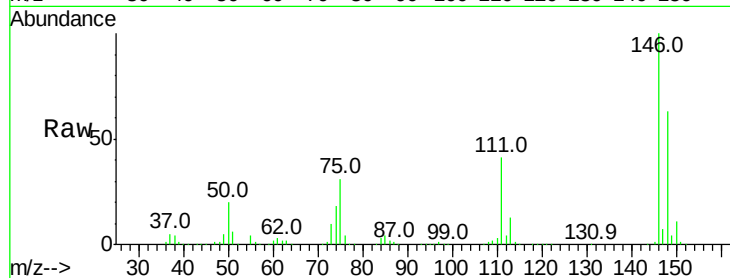
111 41.3 34.2 51.2

Manual Integrations

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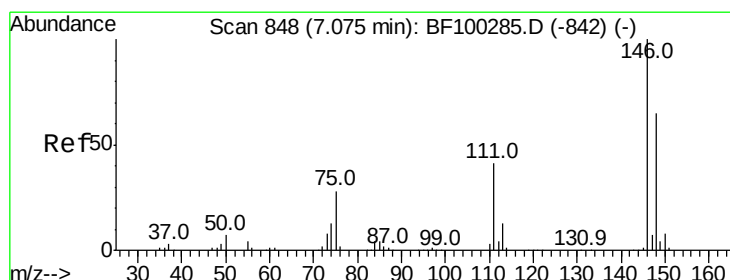
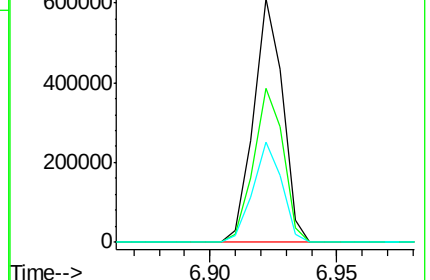
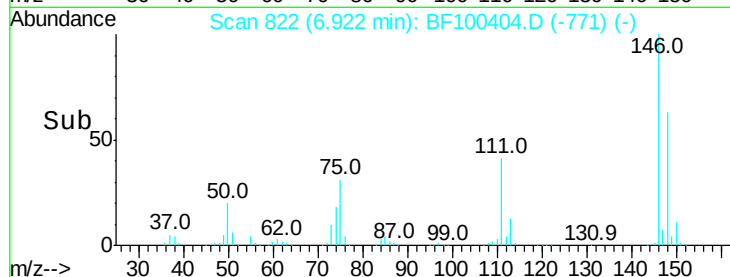
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.259 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

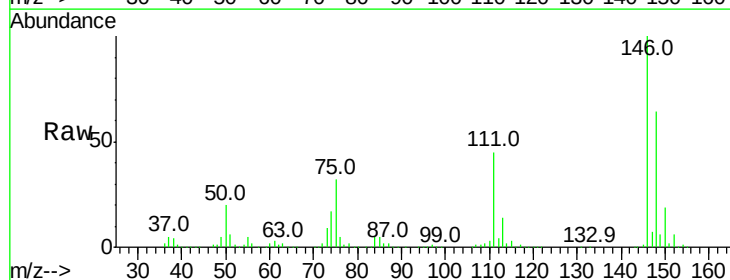
Tgt Ion:146 Resp: 455652

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

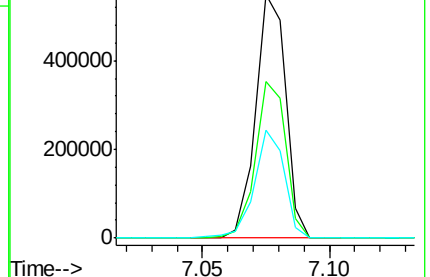
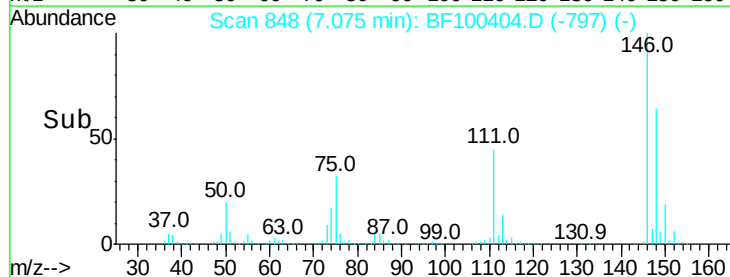
111 44.5 36.0 54.0

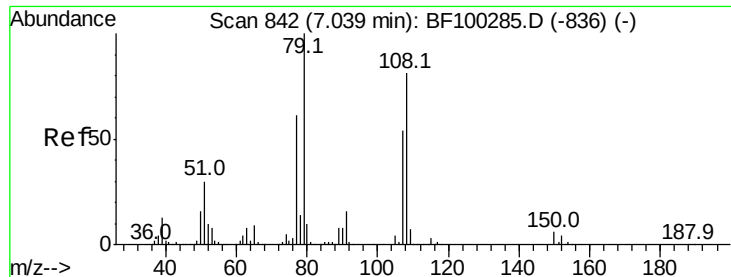


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.220 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

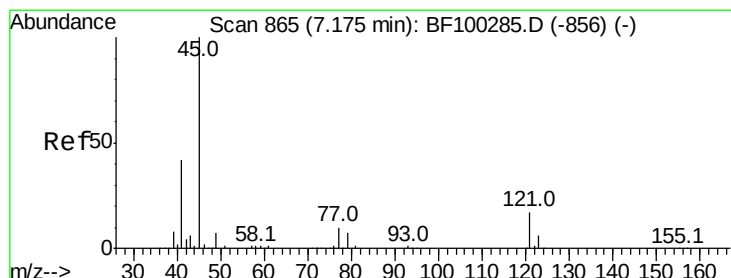
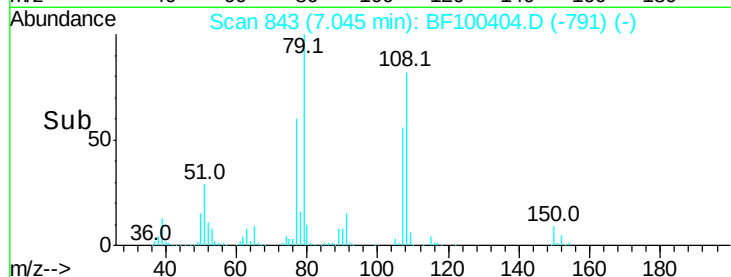
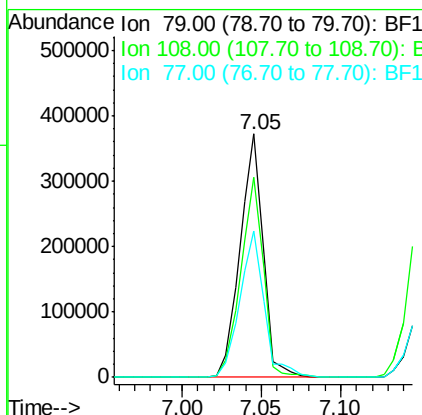
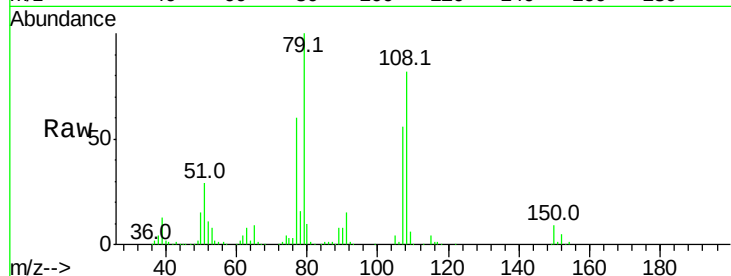
ClientSampled :

TP-3MS

Tot Ion:	79	Resp:	373768
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.1	97.7
77	60.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.520 ng

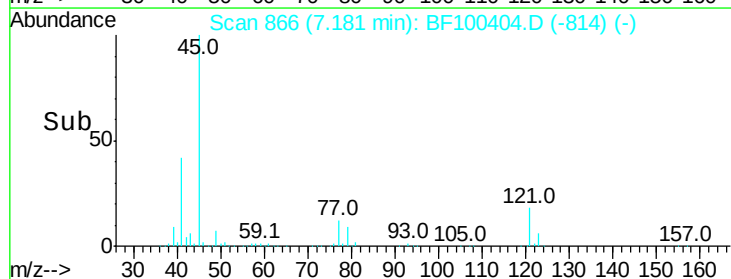
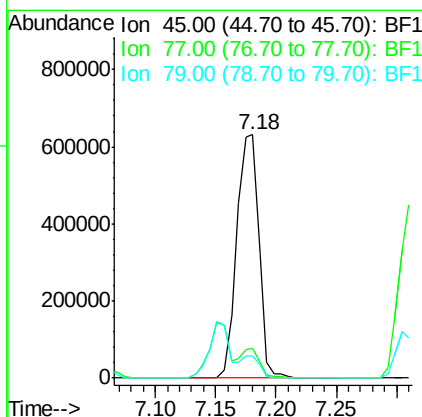
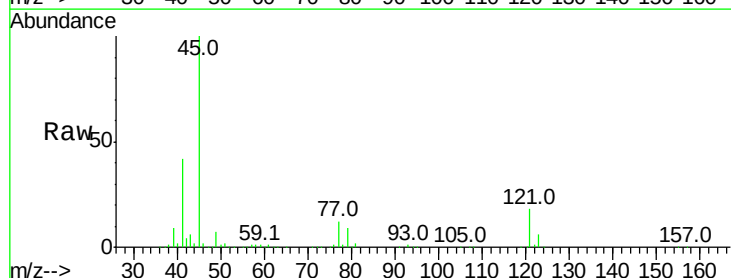
RT: 7.18 min Scan# 866

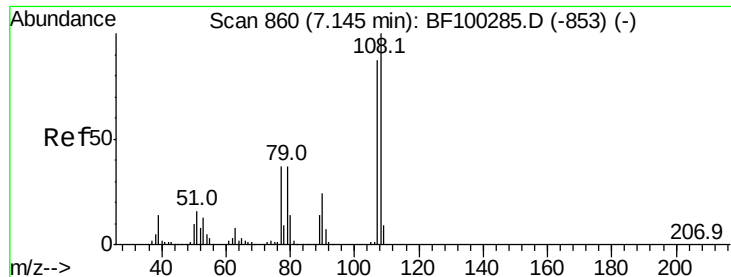
Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	45	Resp:	807893
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	9.2	0.0	29.6





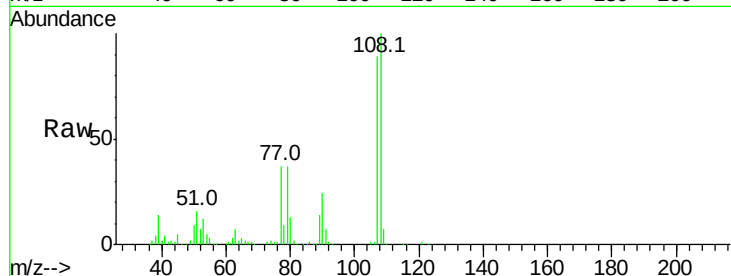
#17
2-Methylphenol
Concen: 38.605 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

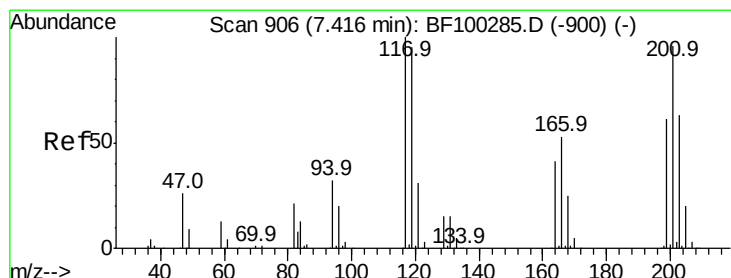
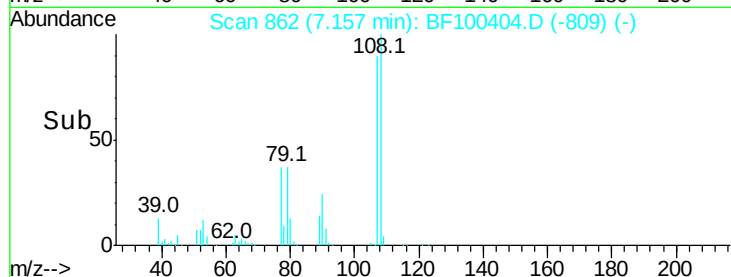
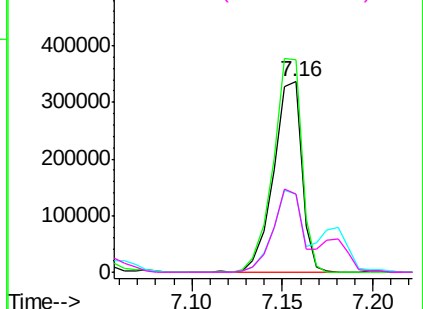
Tot Ion:	107	Resp:	364172
Ion Ratio	Lower	Upper	
107	100		
108	111.9	91.7	137.5
77	41.0	33.8	50.8
79	41.1	33.8	50.8

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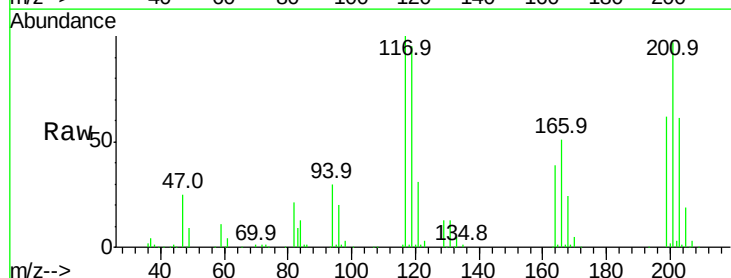


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

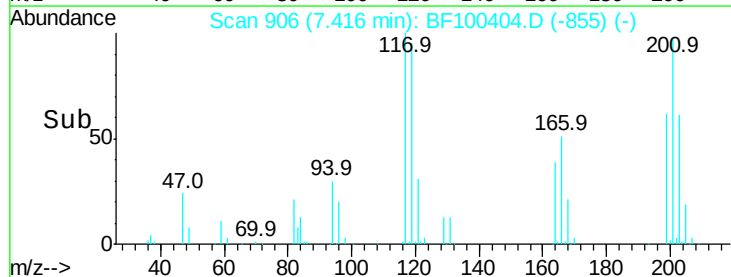
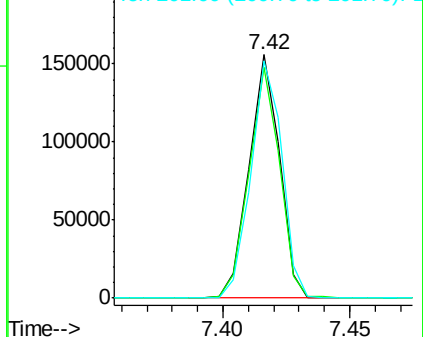


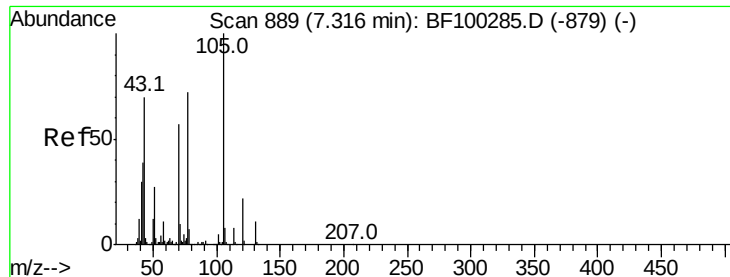
#18
Hexachloroethane
Concen: 30.747 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion:	117	Resp:	130583
Ion Ratio	Lower	Upper	
117	100		
119	94.7	75.8	113.8
201	97.3	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





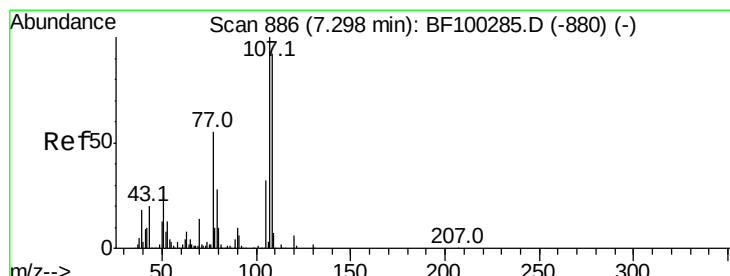
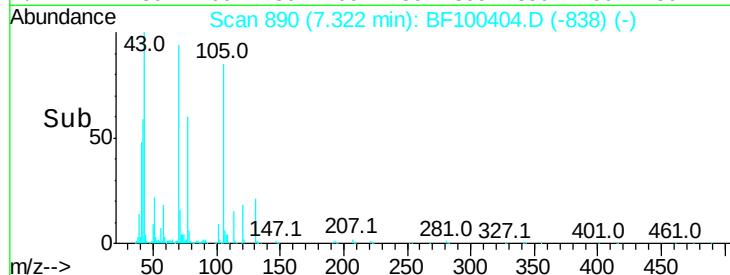
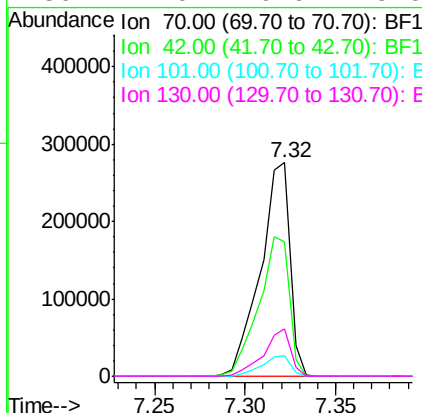
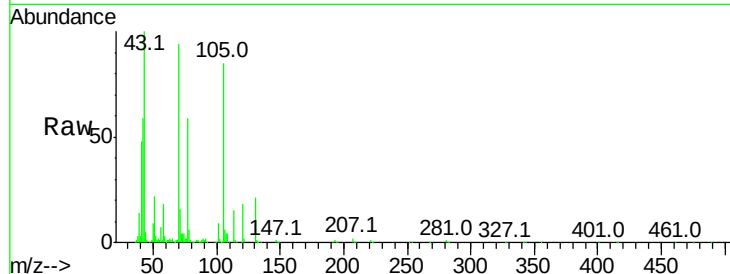
#19
n-Nitroso-di-n-propylamine
Concen: 35.218 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.5	71.3
101	9.9	7.4	11.2
130	22.0	16.6	25.0

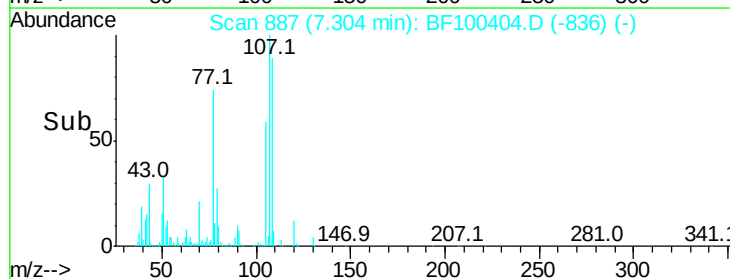
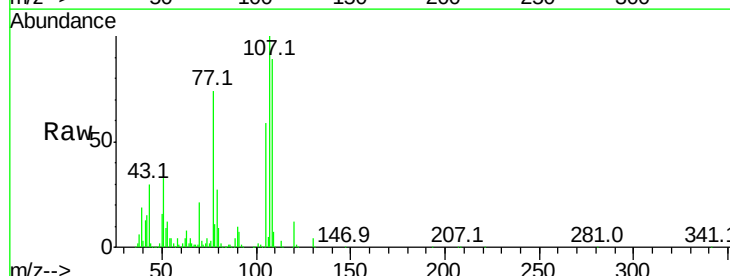
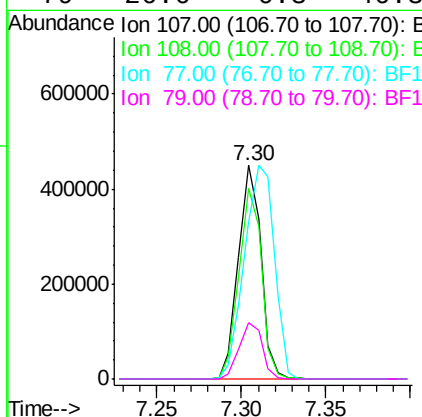
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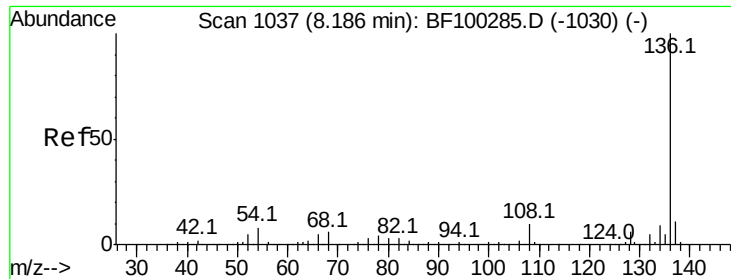
SOHIL
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#20
3+4-Methylphenols
Concen: 35.308 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	73.8	26.7	66.7#
79	26.6	6.3	46.3





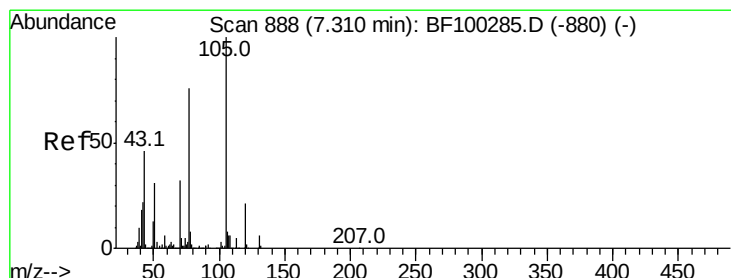
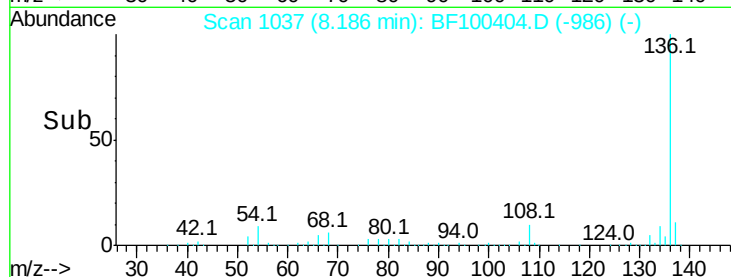
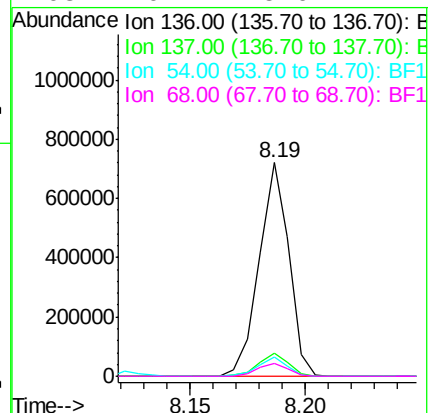
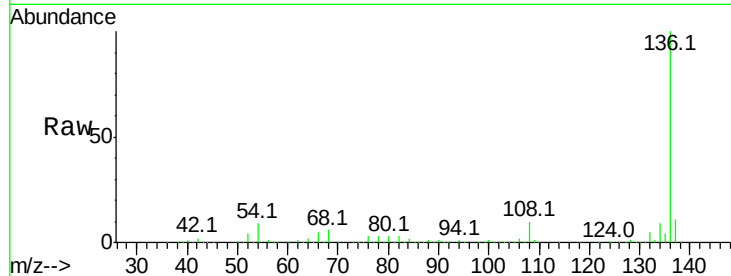
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	649173		
137	10.9		8.9	13.3
54	8.7		6.6	9.8
68	6.2		5.0	7.4

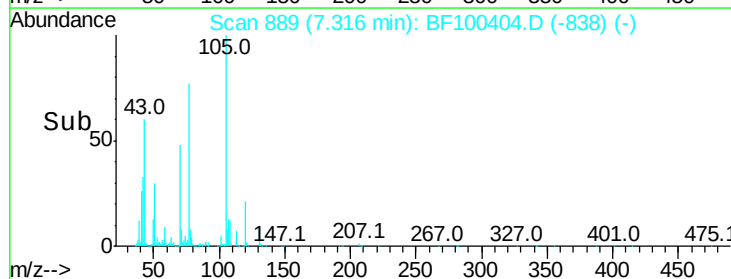
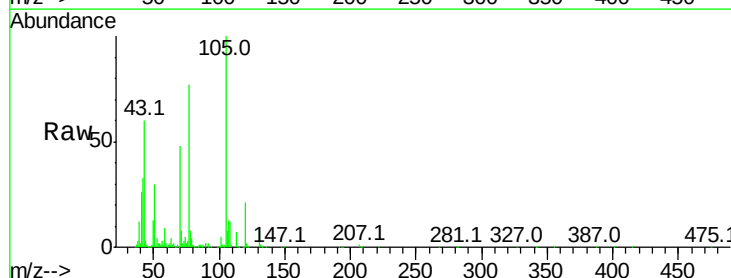
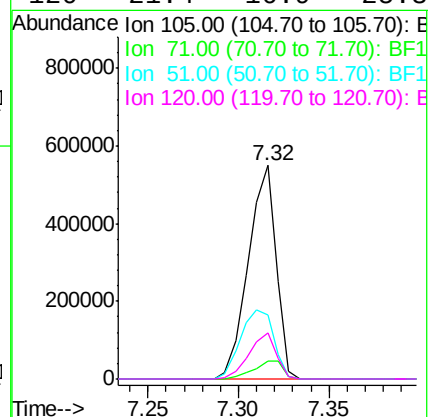
Manual Integrations
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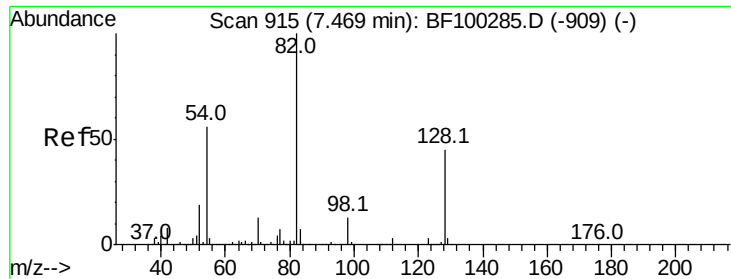
SOHIL
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#22
Acetophenone
Concen: 37.088 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	587108		
71	8.2		4.4	6.6#
51	30.1		22.3	33.5
120	21.4		16.9	25.3





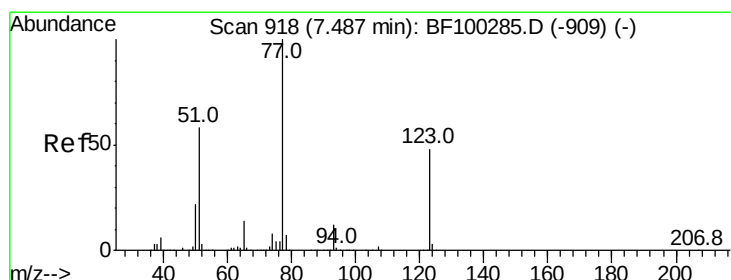
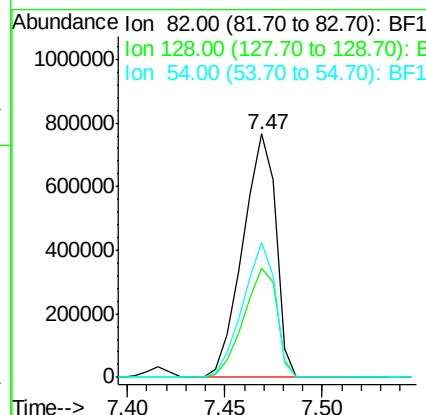
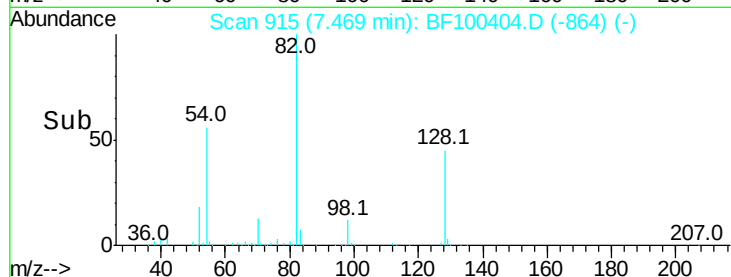
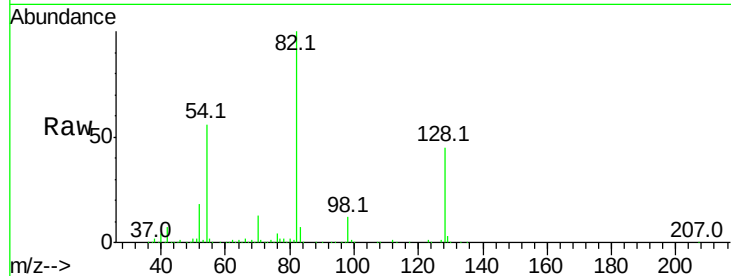
#23
Nitrobenzene-d5
Concen: 91.654 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	36.1	54.1	
54	55.6	41.4	62.2	

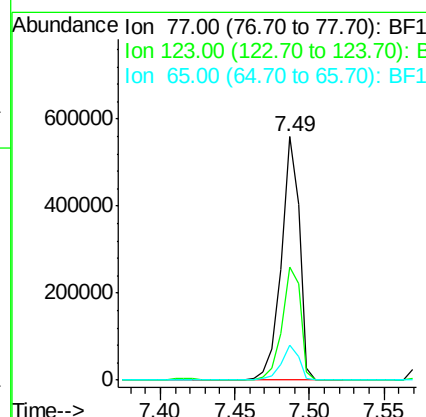
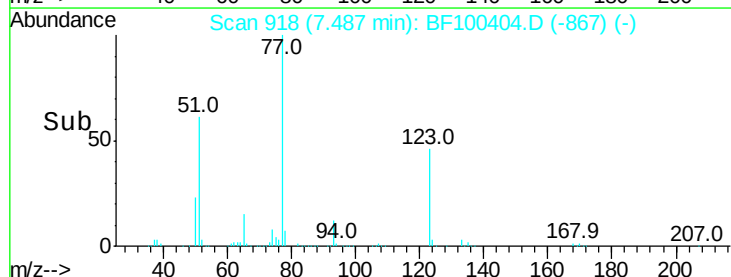
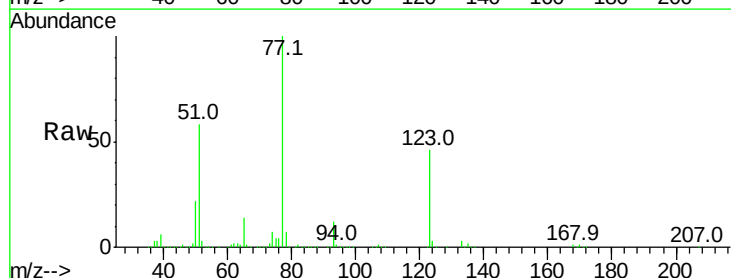
Manual Integrations
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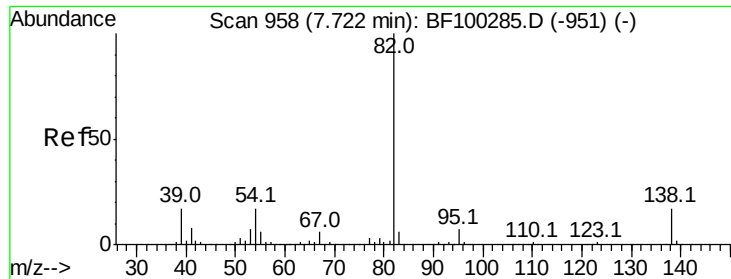
SOHIL
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#24
Nitrobenzene
Concen: 46.980 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.2	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 41.707 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

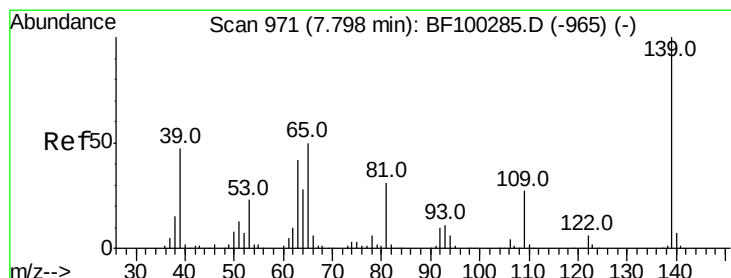
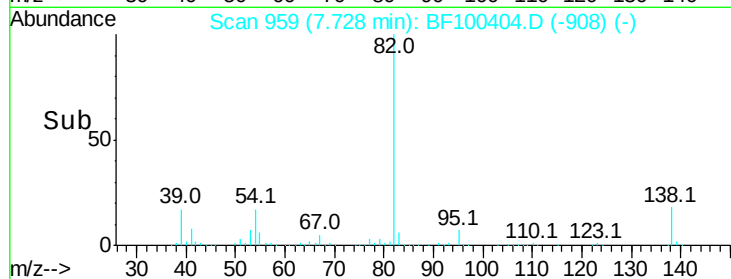
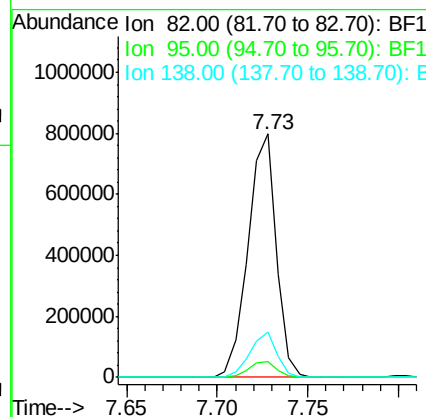
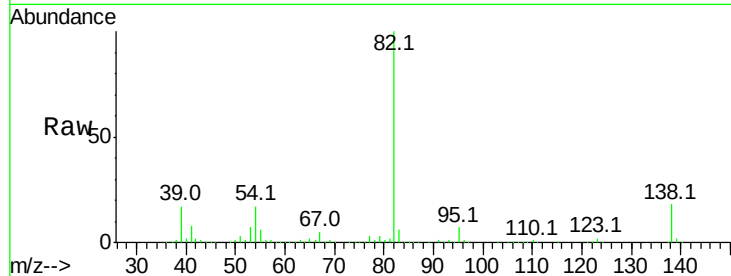
ClientSampled :

TP-3MS

Tot Ion:	82	Resp:	860587
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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SOHIL
11/13/2017 4:43:27 PM



#26

2-Nitrophenol

Concen: 44.580 ng

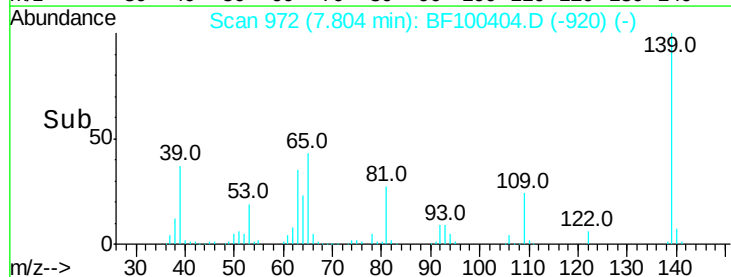
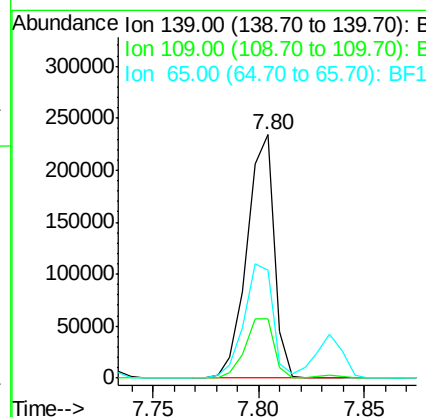
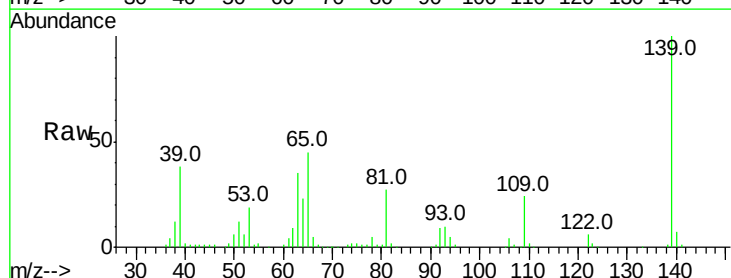
RT: 7.80 min Scan# 972

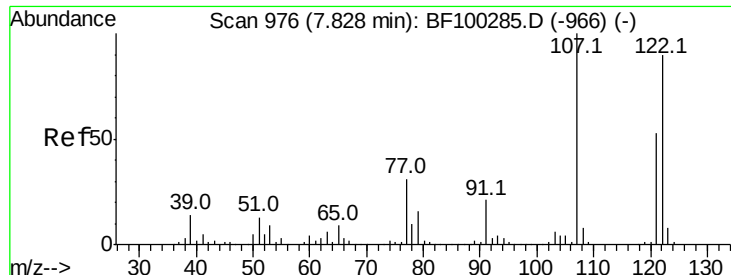
Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	139	Resp:	209193
Ion Ratio	Lower	Upper	
139	100		
109	24.4	22.7	34.1
65	44.6	40.5	60.7





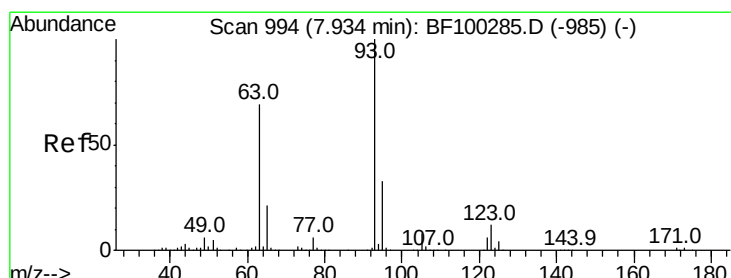
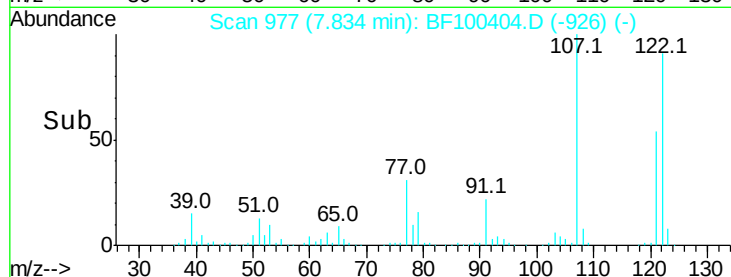
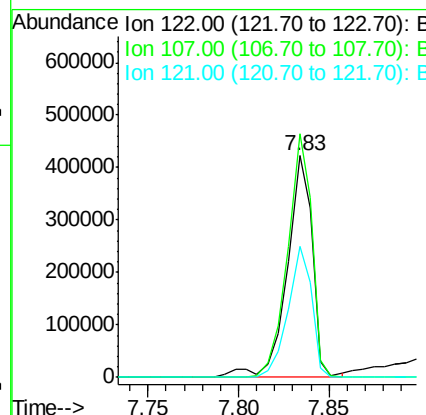
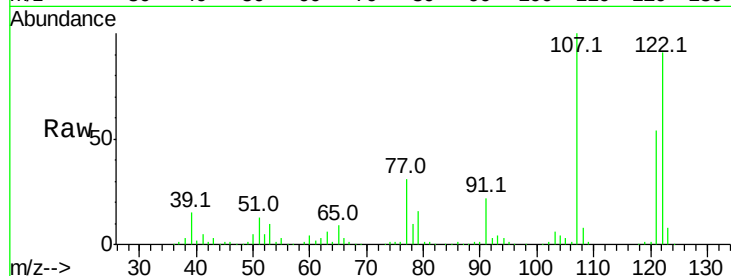
#27
2,4-Dimethylphenol
Concen: 44.141 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	91.2	136.8
121	59.2	47.2	70.8

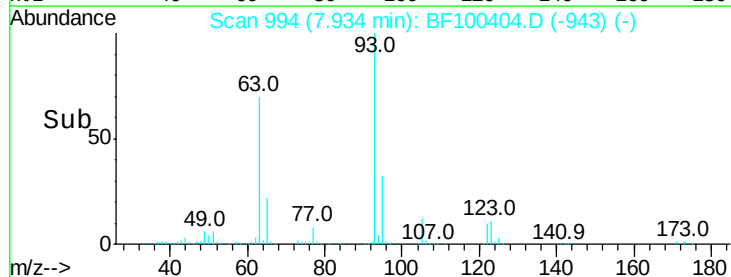
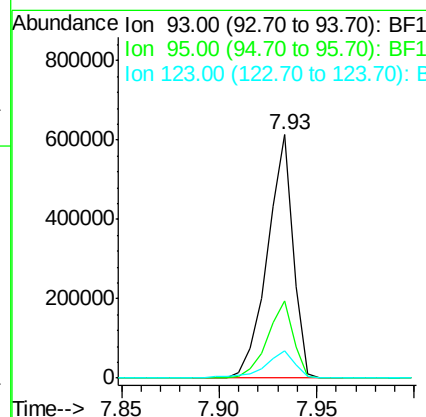
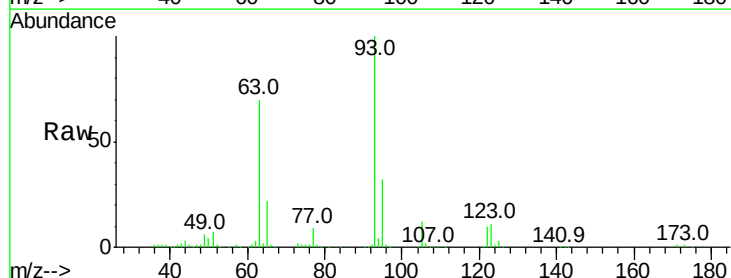
Manual Integrations
APPROVED

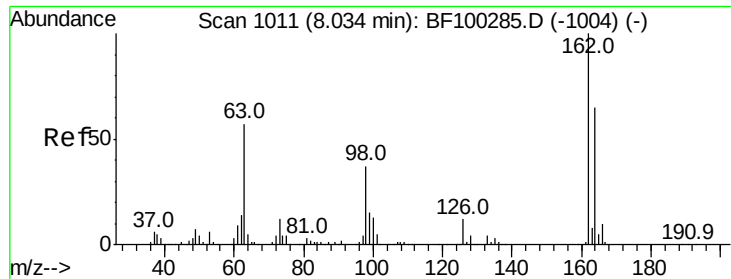
SOHIL
11/13/2017 4:43:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.345 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.3	39.5
123	11.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.702 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

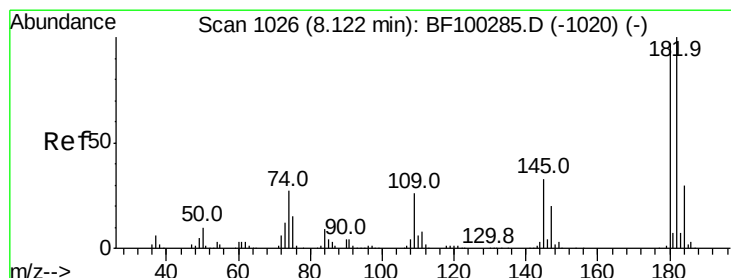
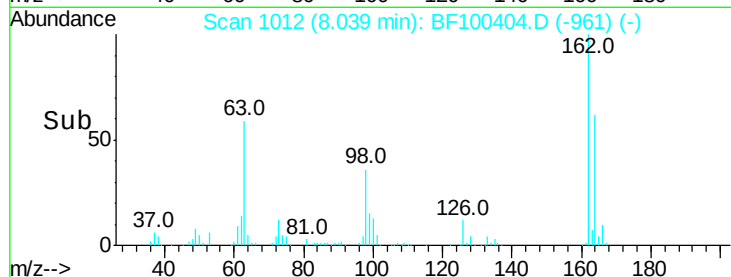
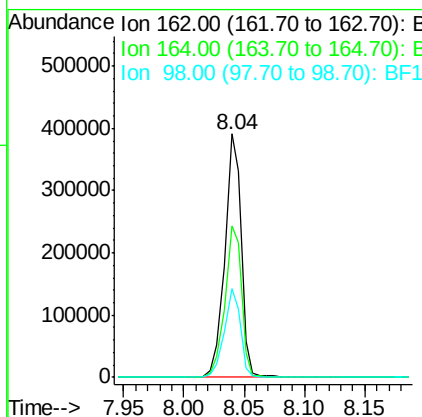
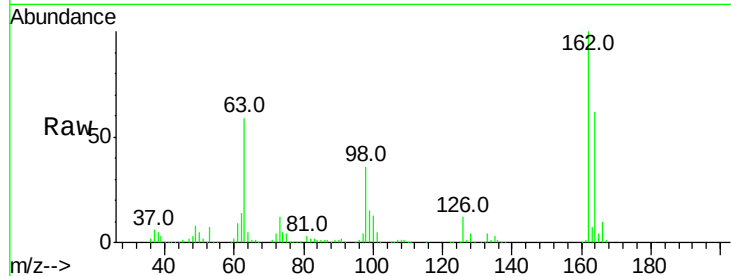
ClientSampled :

TP-3MS

Tot Ion:	162	Resp:	368240
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.7	82.7
98	36.2	18.1	58.1

Manual Integrations
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SOHIL
11/13/2017 4:43:27 PM



#30

1,2,4-Trichlorobenzene

Concen: 40.919 ng

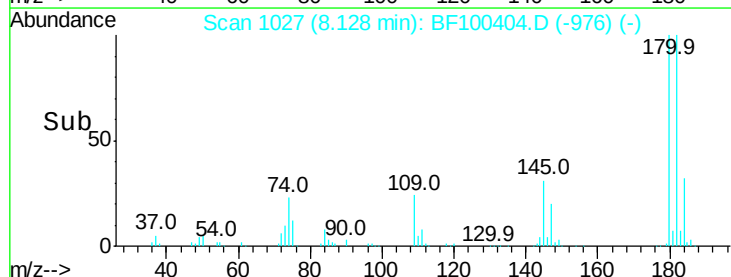
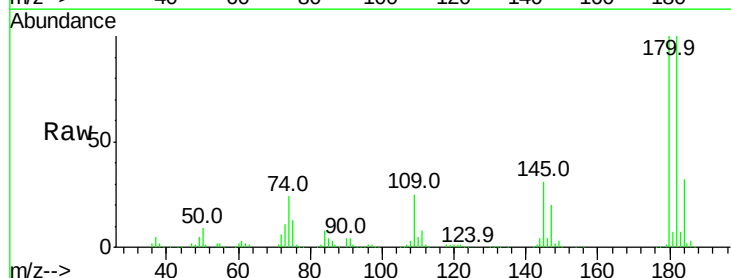
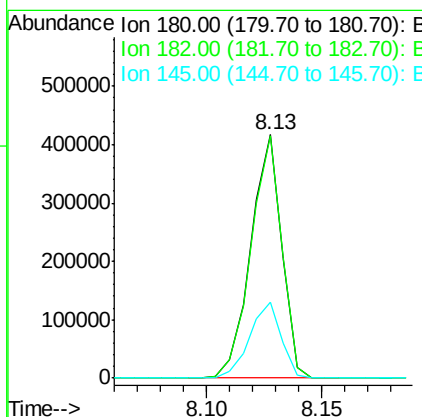
RT: 8.13 min Scan# 1027

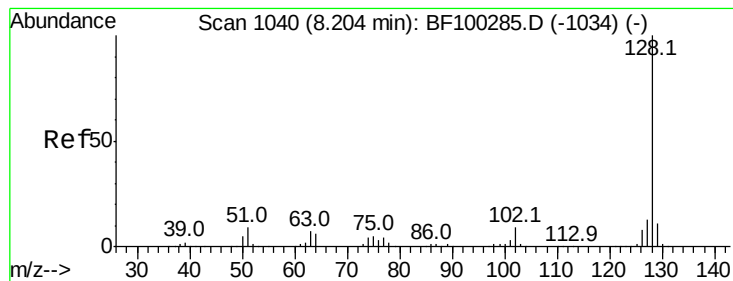
Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	180	Resp:	390847
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.8	115.2
145	31.3	26.5	39.7





#31

Naphthalene

Concen: 39.417 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tot Ion:128 Resp: 1232483

Ion Ratio Lower Upper

128 100

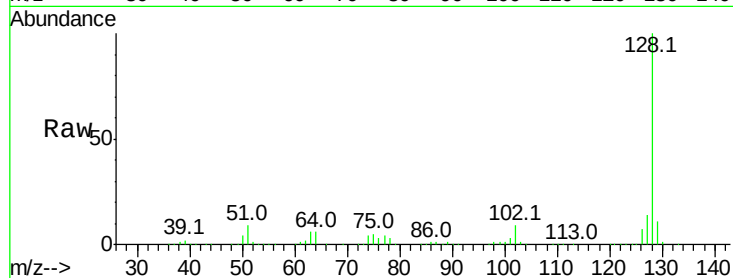
129 10.9 8.8 13.2

127 13.6 10.9 16.3

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SOHIL

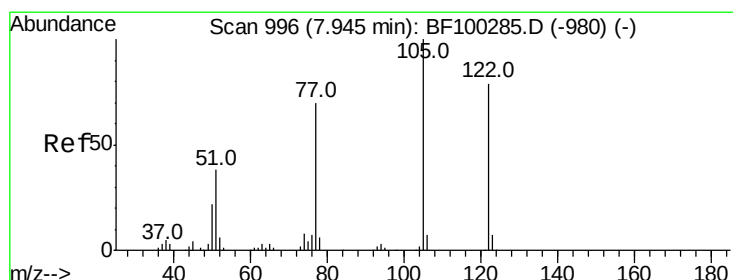
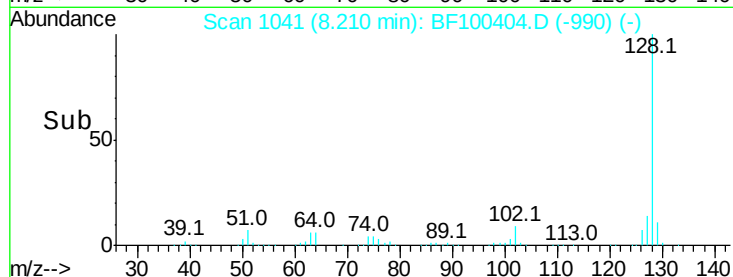
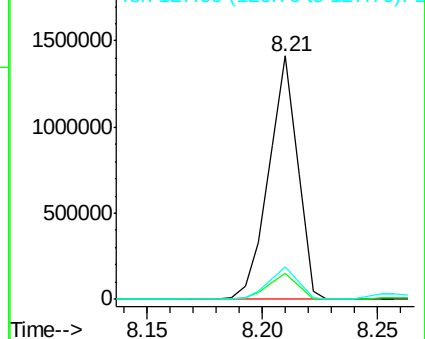
11/13/2017 4:43:27 PM



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: 34.134 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

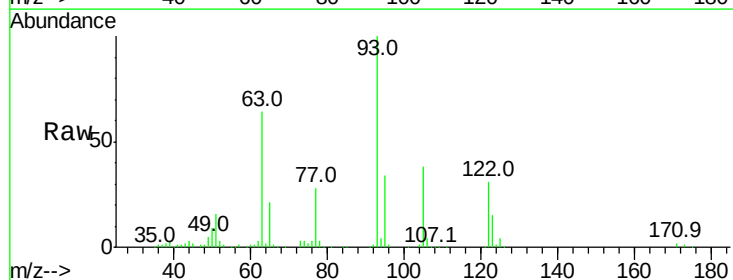
Tgt Ion:122 Resp: 217948

Ion Ratio Lower Upper

122 100

105 122.8 101.1 141.1

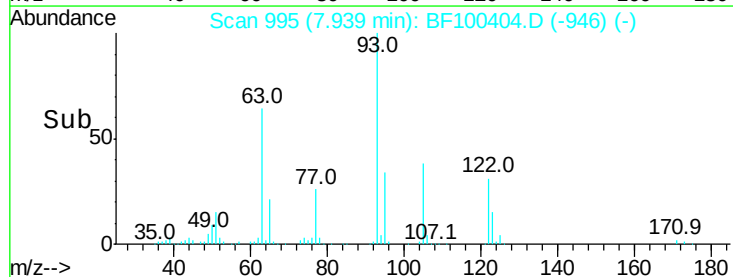
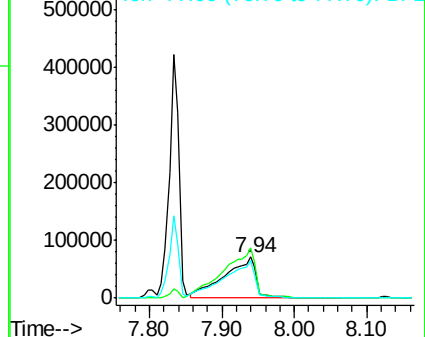
77 89.7 70.7 110.7

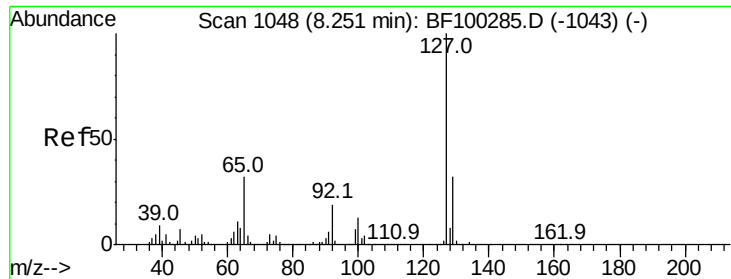


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





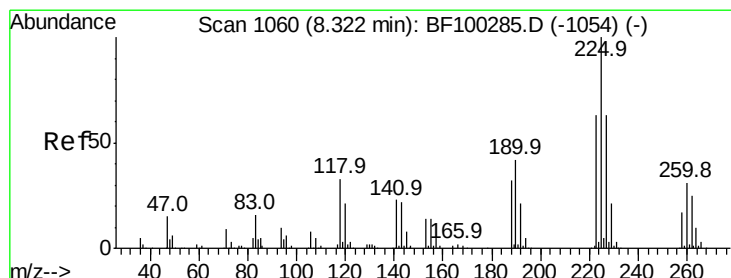
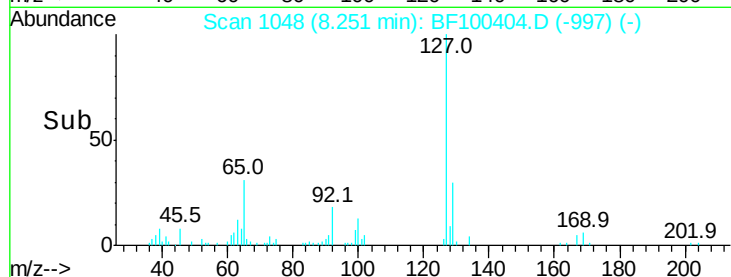
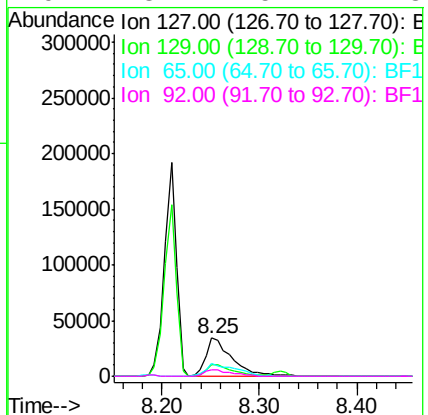
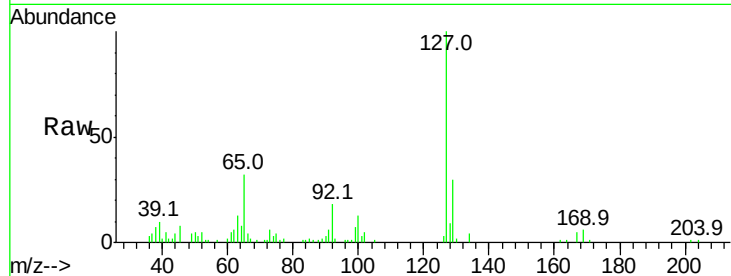
#33
4-Chloroaniline
Concen: 4.917 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64000		
129	30.1	25.9	38.9		
65	32.2	25.0	37.4		
92	18.4	15.2	22.8		

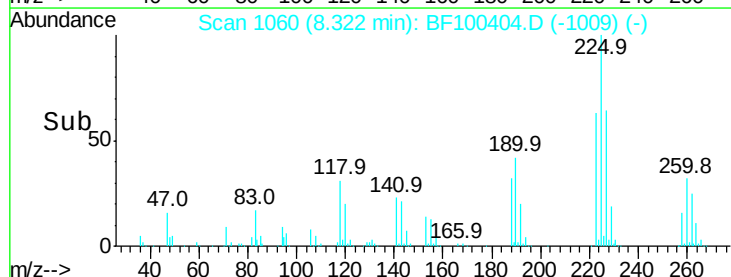
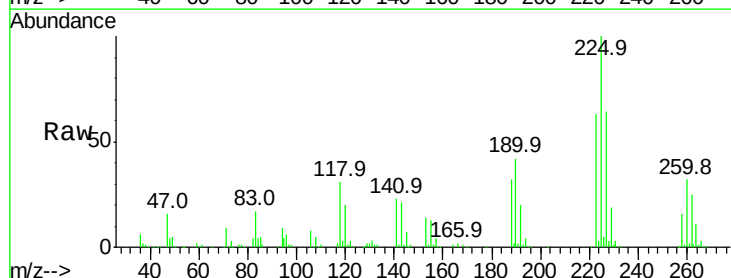
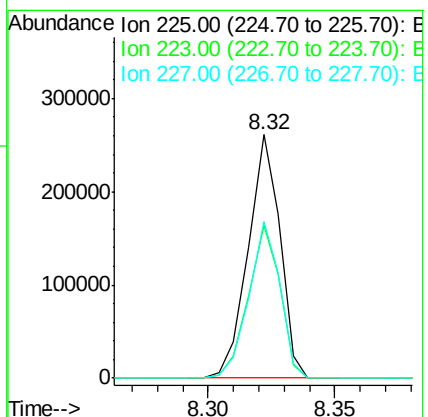
Manual Integrations
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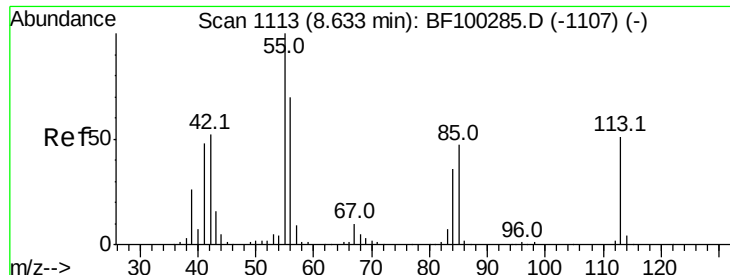
SOHIL
11/13/2017 4:43:27 PM



#34
Hexachlorobutadiene
Concen: 40.155 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		228051		
223	62.8	50.6	76.0		
227	64.1	51.9	77.9		





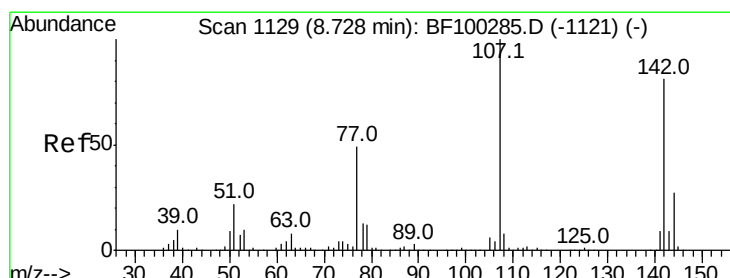
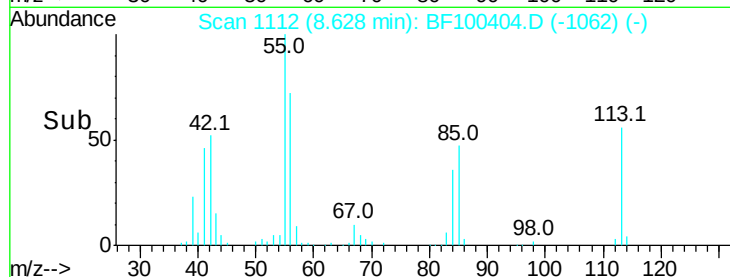
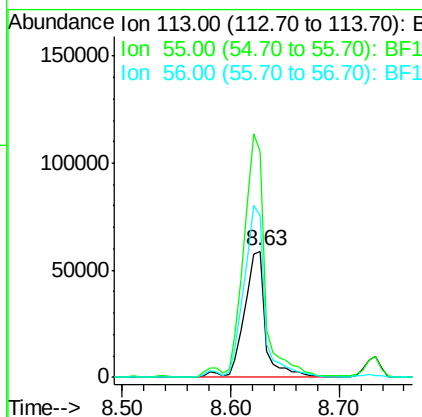
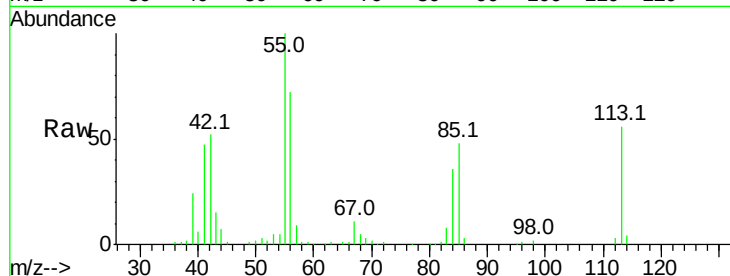
#35
 Caprolactam
 Concen: 26.395 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleID :
 TP-3MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	178.9	163.3	203.3	
56	128.0	115.7	155.7	

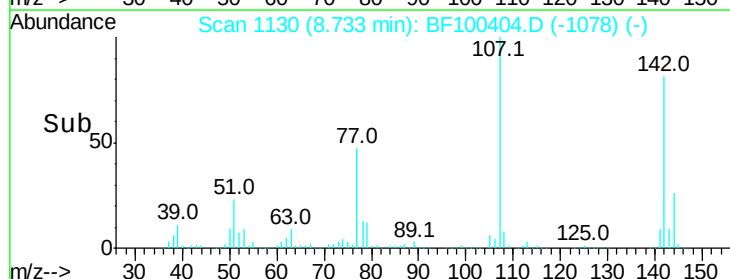
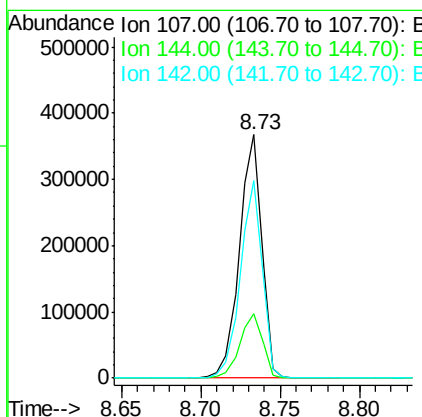
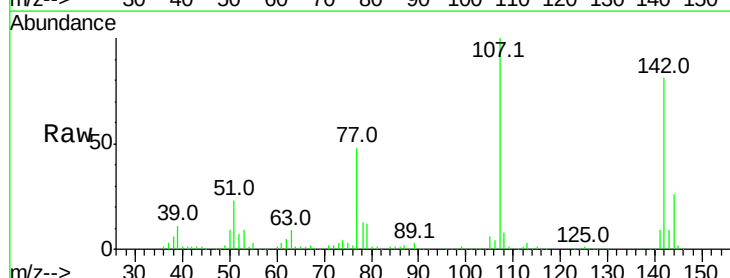
Manual Integrations
 APPROVED

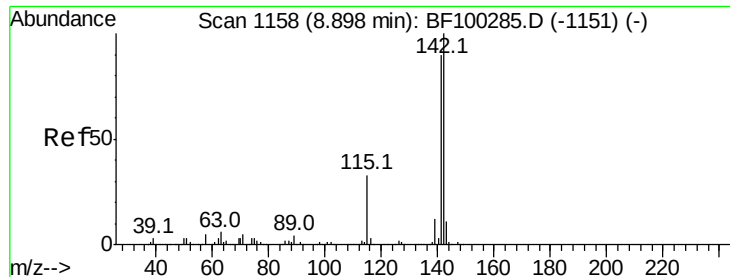
SOHIL
 11/13/2017 4:43:27 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.858 ng/ml
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.3	20.5	30.7	
142	81.3	62.0	93.0	





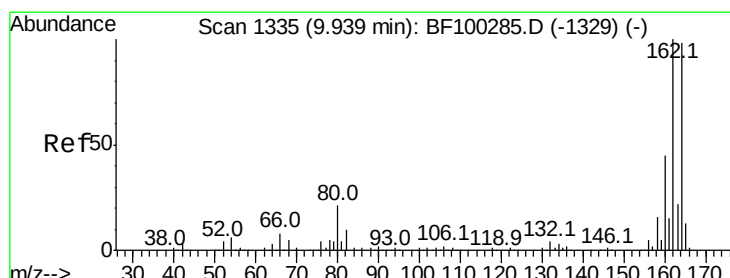
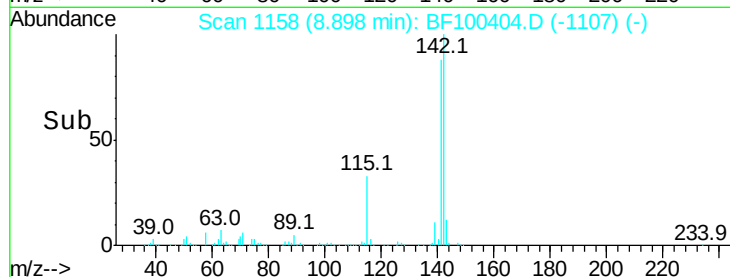
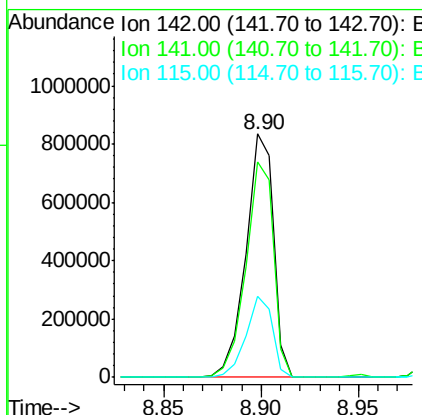
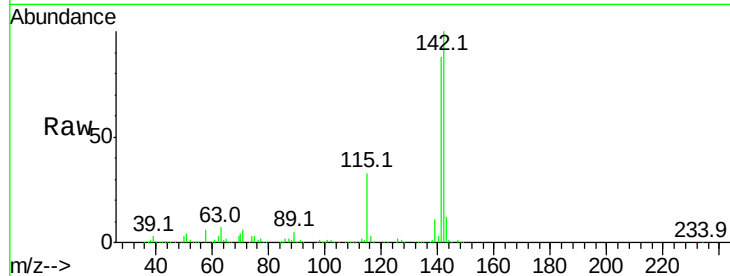
#37
2-Methylnaphthalene
Concen: 39.453 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	33.5	26.1	39.1

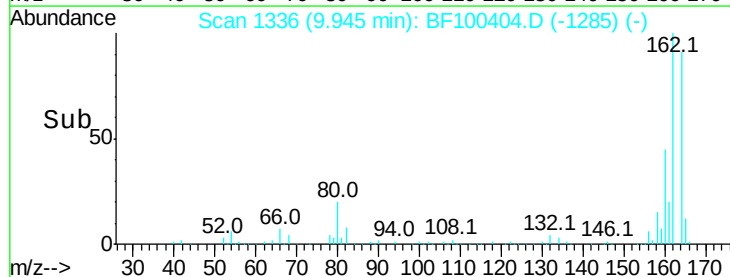
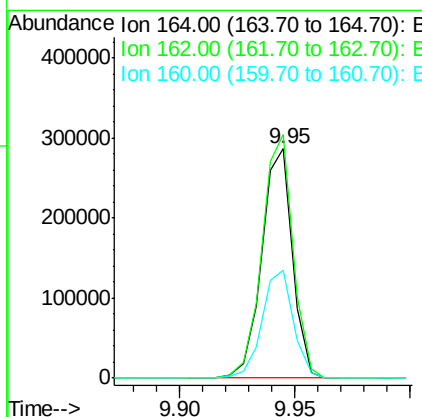
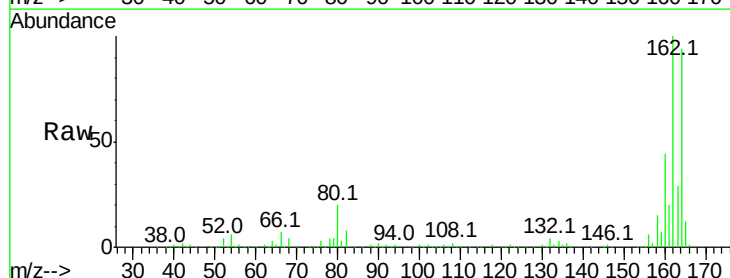
Manual Integrations
APPROVED

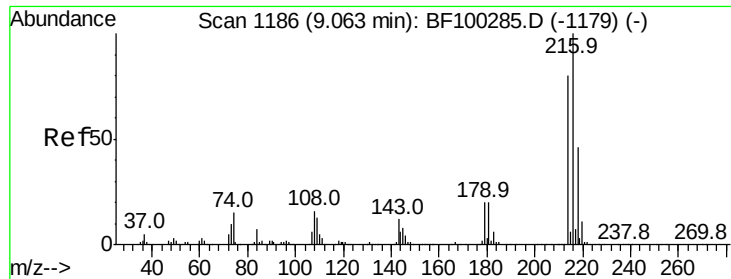
SOHIL
11/13/2017 4:43:27 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	47.2	38.3	57.5





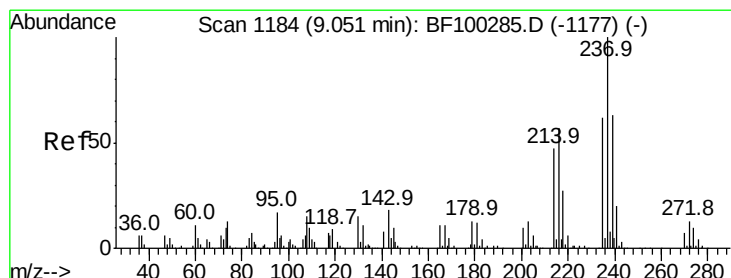
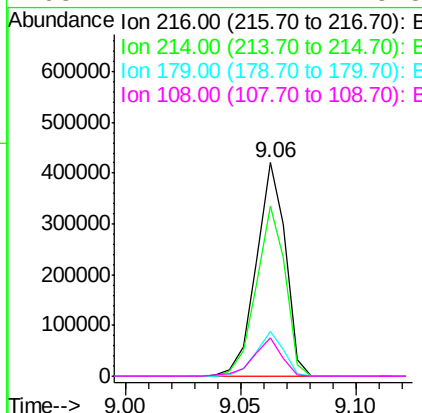
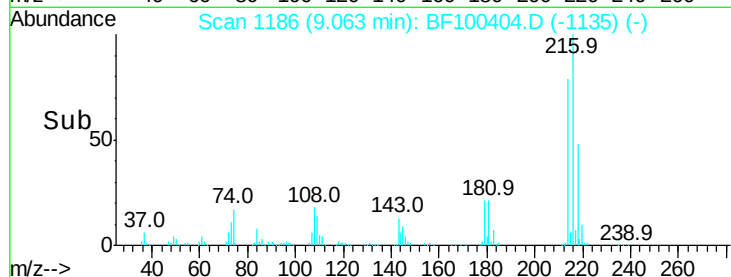
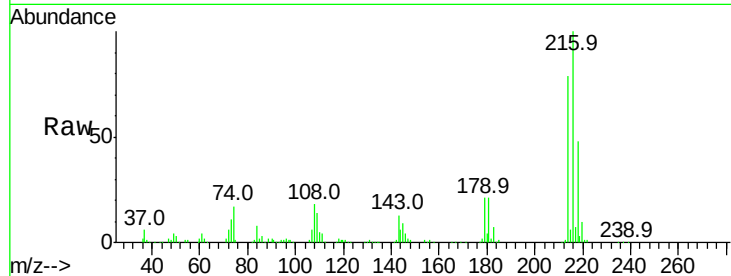
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.110 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	371413		
214	79.3	63.0	94.4	
179	20.3	18.1	27.1	
108	17.1	17.2	25.8	

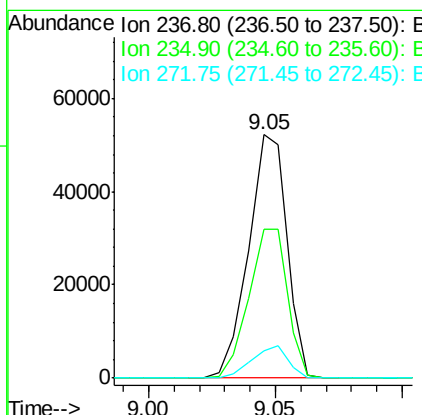
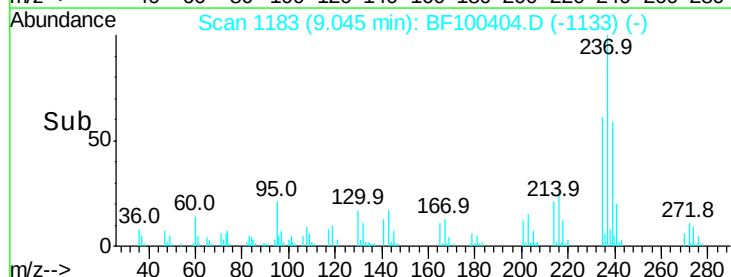
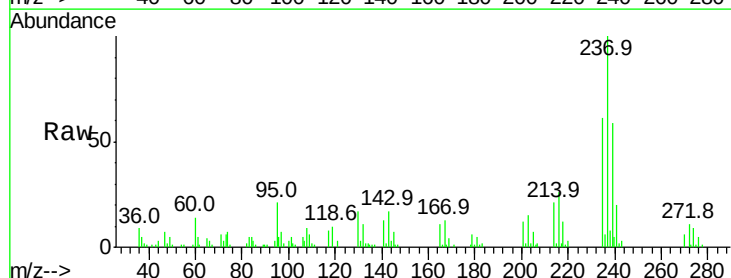
Manual Integrations
 APPROVED

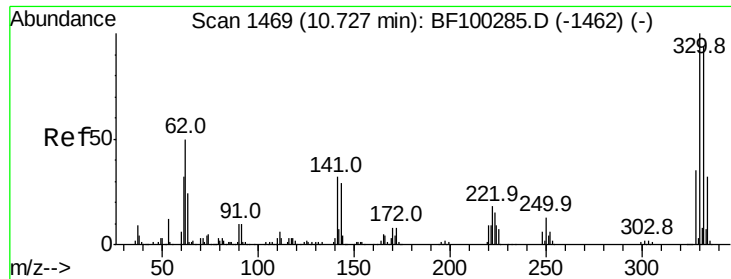
SOHIL
 11/13/2017 4:43:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 13.274 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	55101		
235	61.2	44.8	84.8	
272	11.4	0.0	33.3	





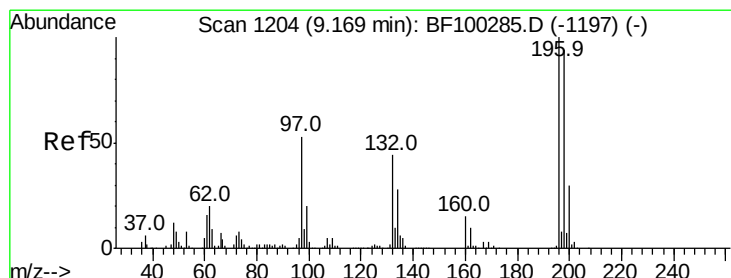
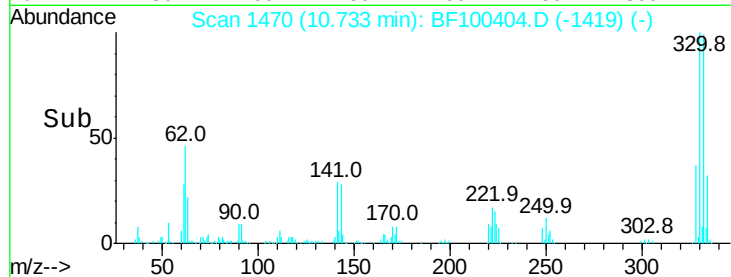
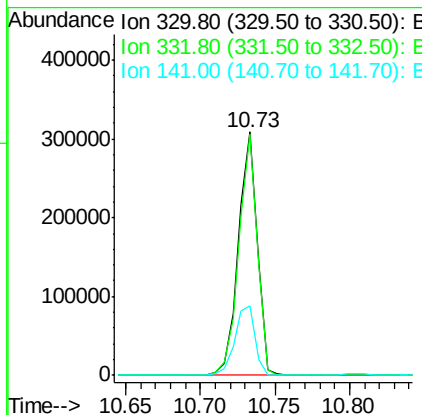
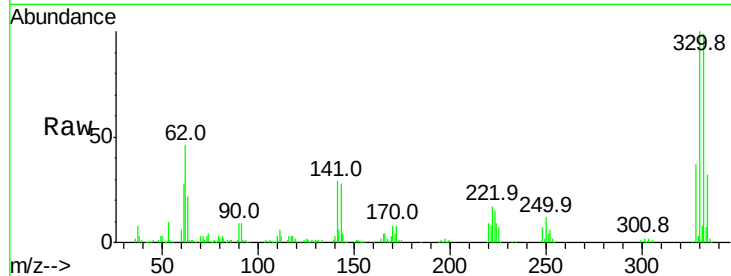
#41
 2,4,6-Tribromophenol
 Concen: 101.128 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	274057		
332	96.3	77.0	115.6	
141	30.9	29.9	44.9	

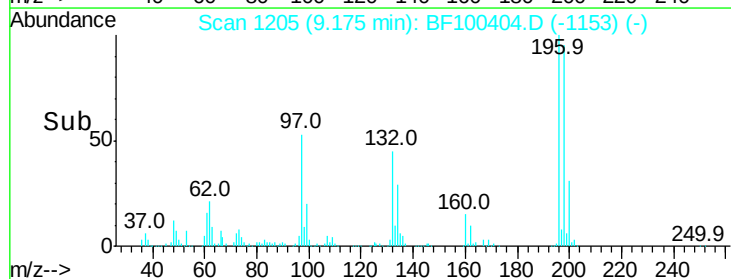
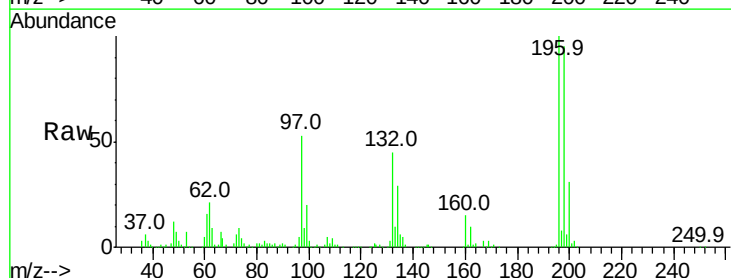
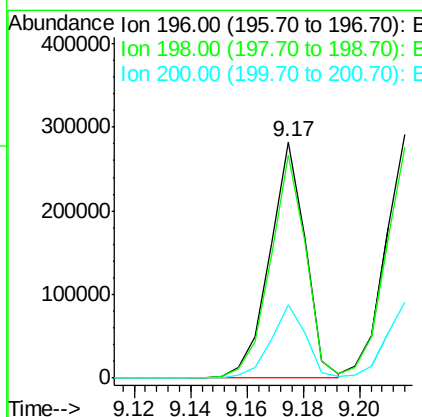
Manual Integrations
 APPROVED

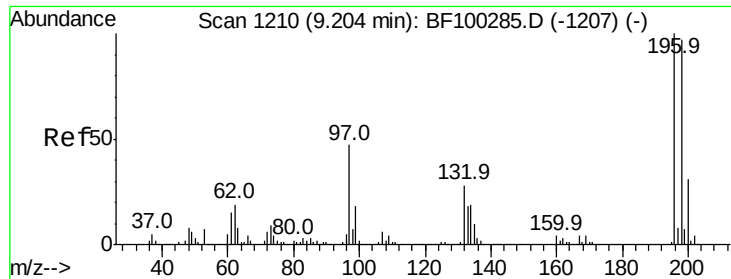
SOHIL
 11/13/2017 4:43:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.268 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247462		
198	94.6	75.7	113.5	
200	30.9	24.5	36.7	





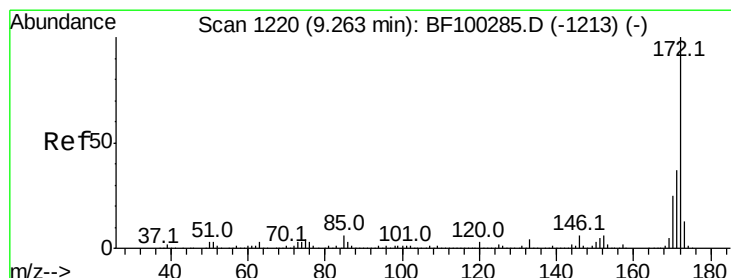
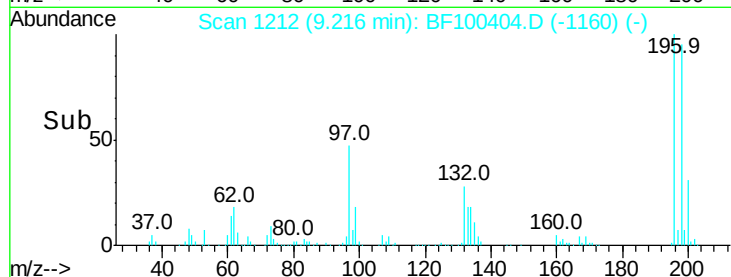
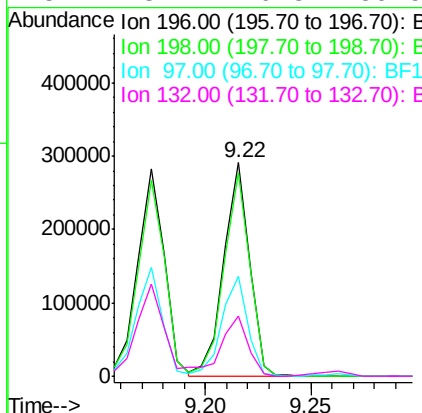
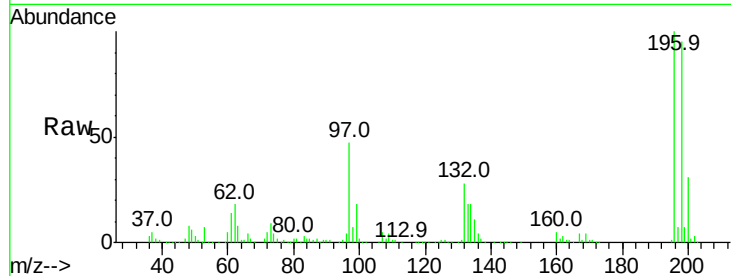
#43
 2,4,5-Trichlorophenol
 Concen: 42.441 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245805		
198	95.0	74.6	112.0	
97	46.7	42.9	64.3	
132	28.4	26.3	39.5	

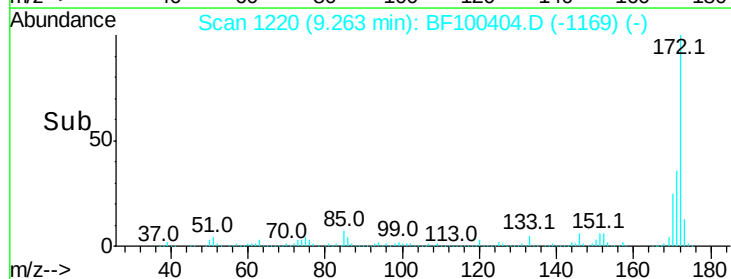
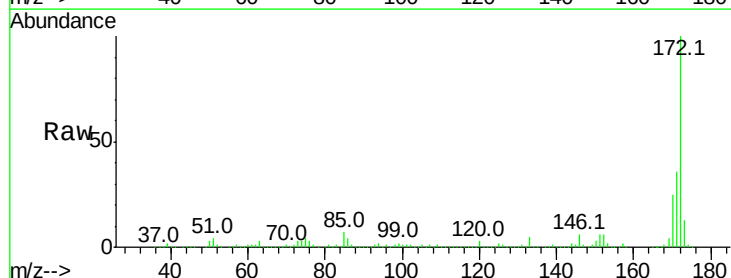
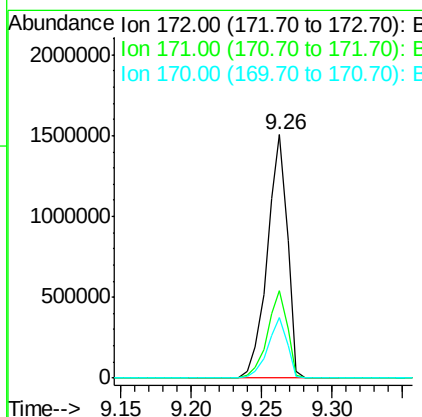
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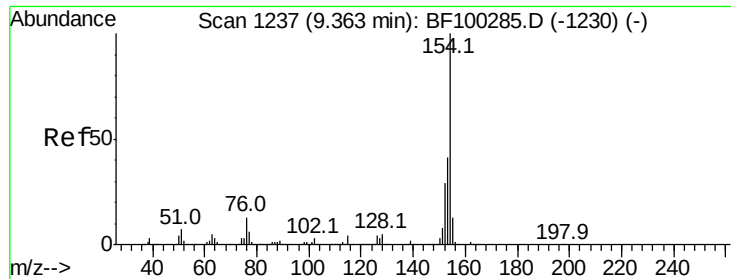
SOHIL
 11/13/2017 4:43:27 PM



#44
 2-Fluorobiphenyl
 Concen: 86.235 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1506115		
171	36.0	29.7	44.5	
170	24.7	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 40.510 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

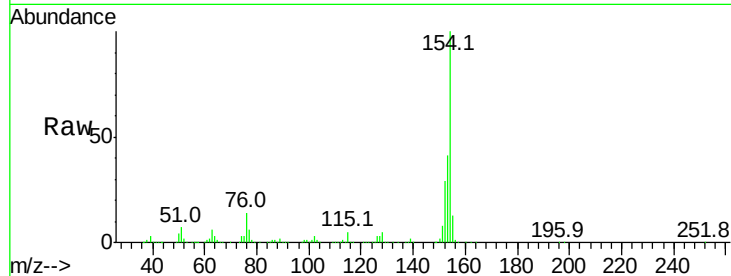
ClientSampled :

TP-3MS

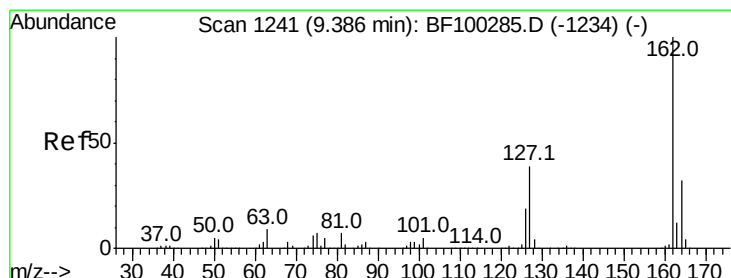
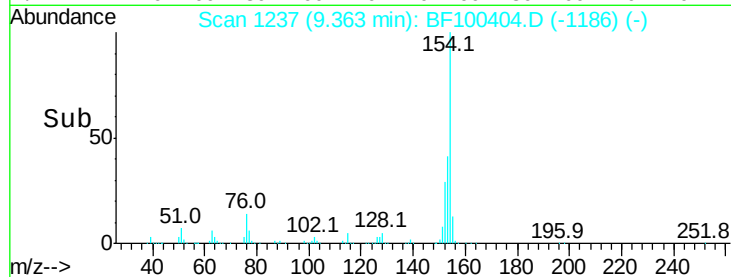
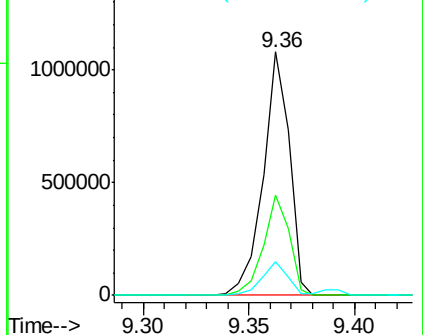
Tot Ion:	154	Resp:	931786
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.7	0.0	34.0

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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: 43.409 ng

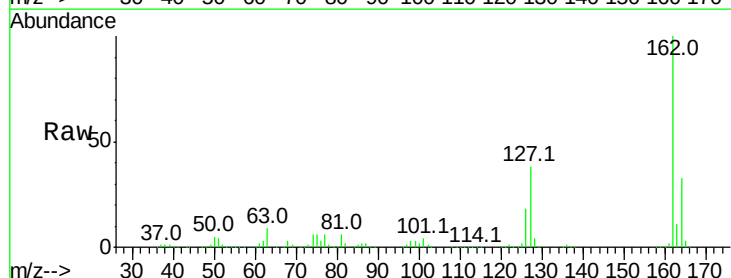
RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

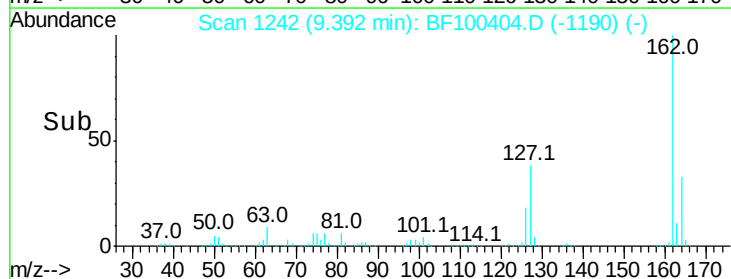
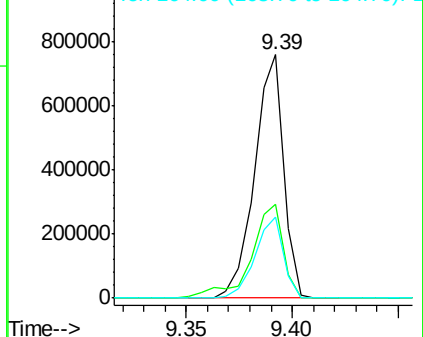
Lab File: BF100404.D

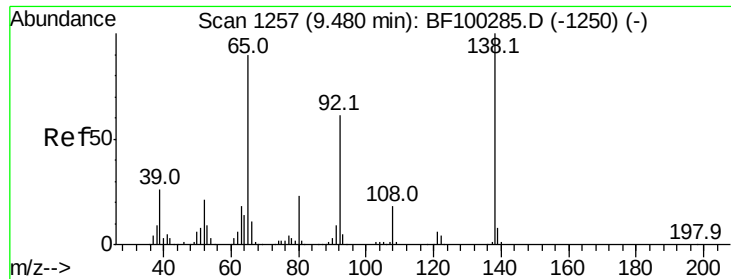
Acq: 10 Nov 2017 21:10

Tgt Ion:	162	Resp:	724365
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.9	50.9
164	33.2	26.5	39.7



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





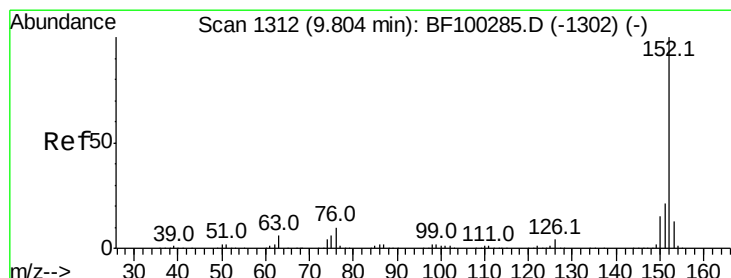
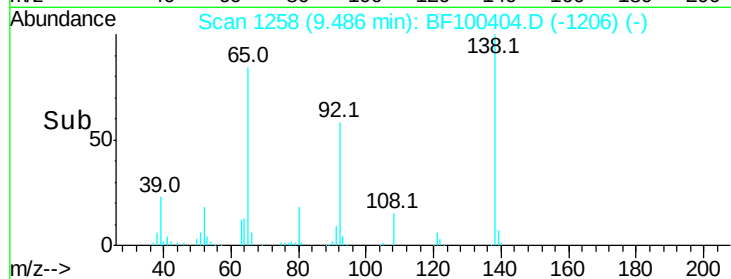
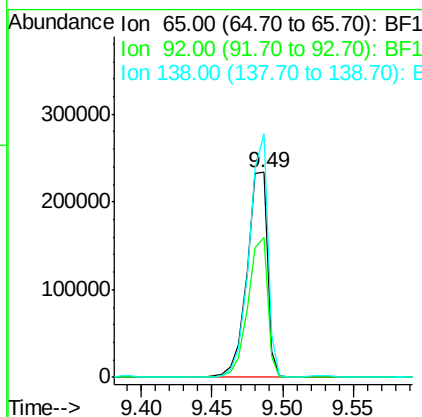
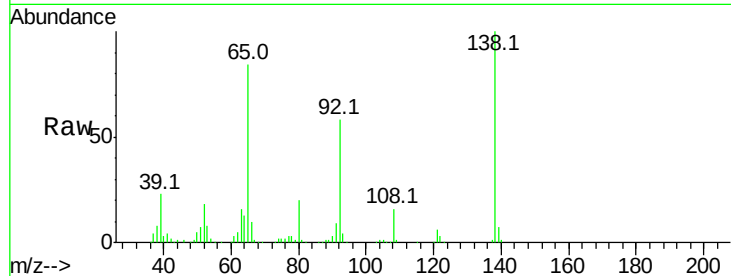
#47
2-Nitroaniline
Concen: 48.353 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.8	83.6
138	118.8	91.2	136.8

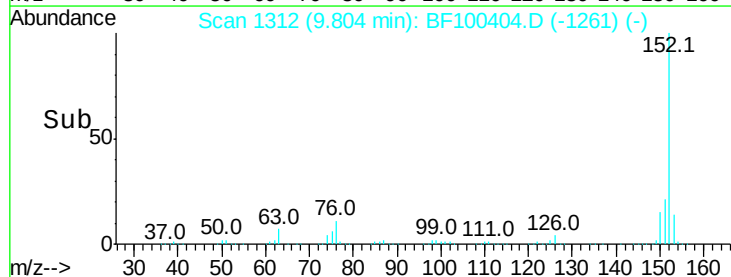
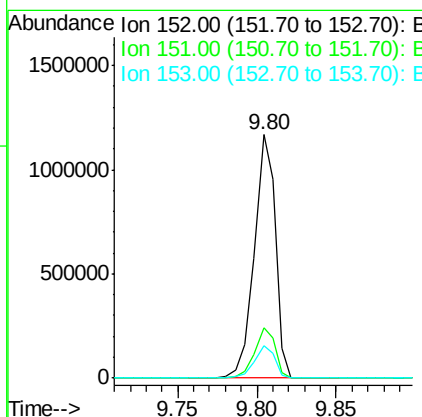
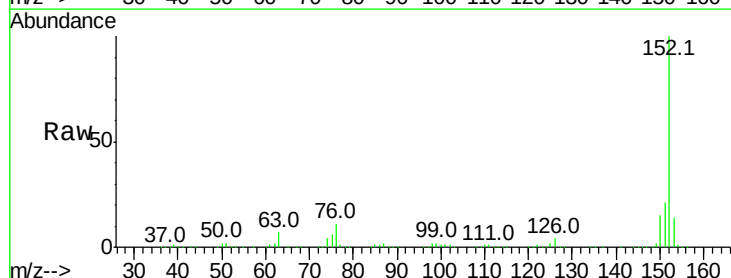
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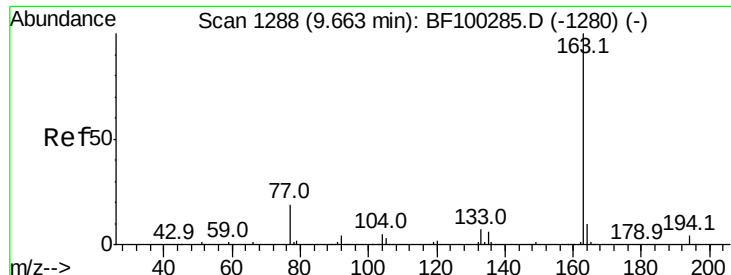
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#48
Acenaphthylene
Concen: 38.984 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

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





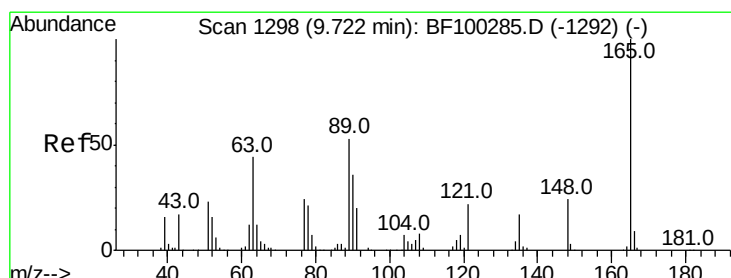
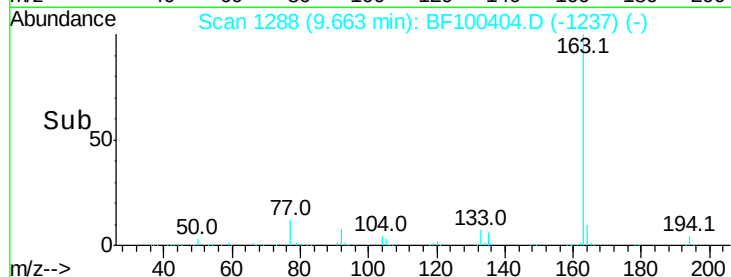
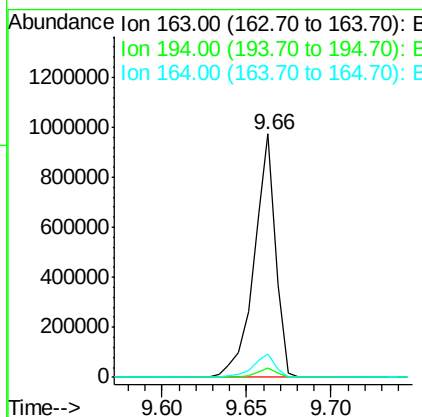
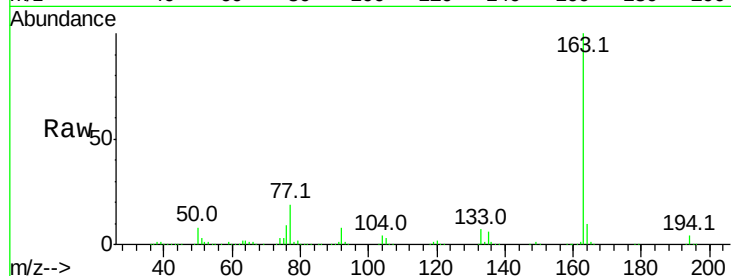
#49
Dimethylphthalate
Concen: 42.559 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	864181		
194	3.7		2.7	4.1
164	9.9		8.2	12.2

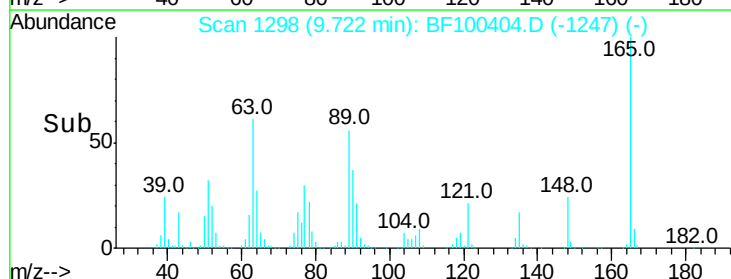
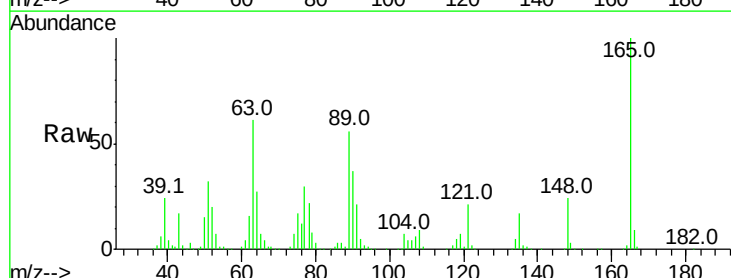
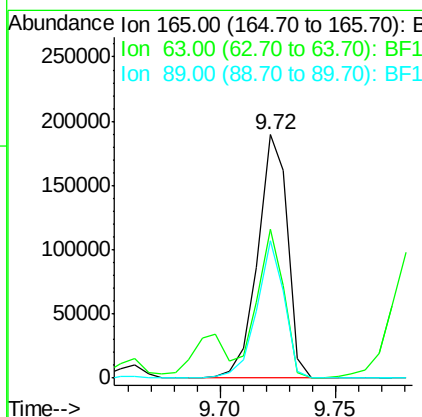
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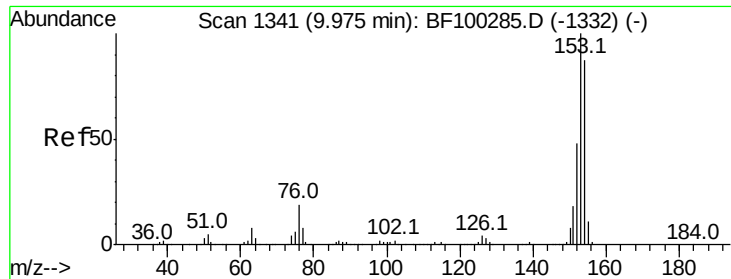
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11/13/2017 4:43:27 PM



#50
2,6-Dinitrotoluene
Concen: 42.504 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	170839		
63	61.0		44.7	67.1
89	56.3		44.0	66.0





#51

Acenaphthene

Concen: 37.726 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

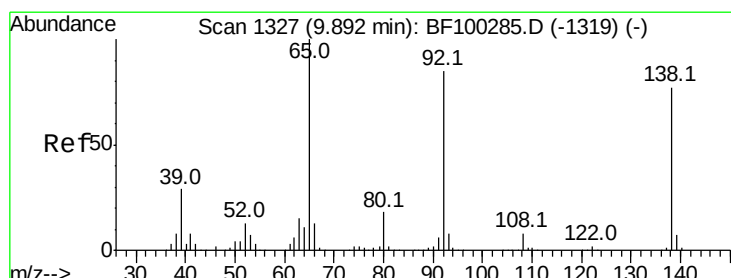
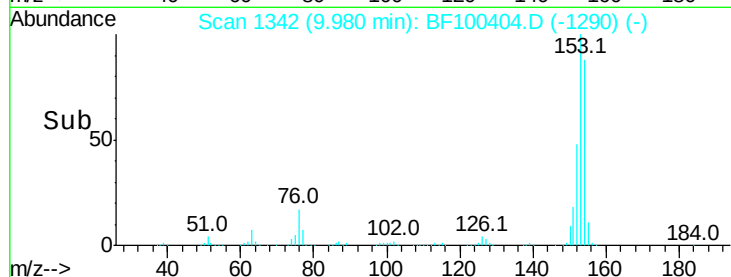
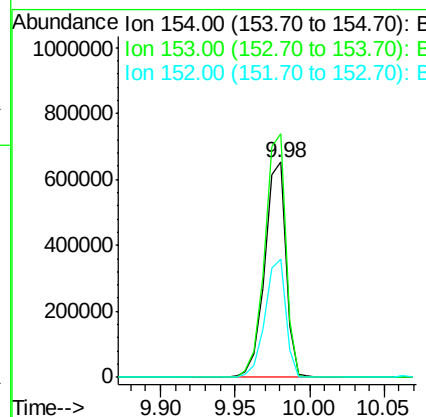
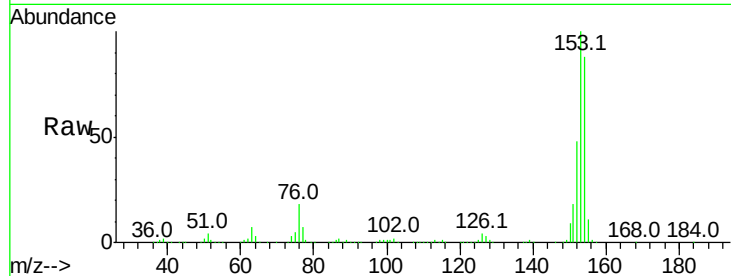
ClientSampled :

TP-3MS

Tot Ion:	154	Resp:	634493
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	54.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 26.928 ng

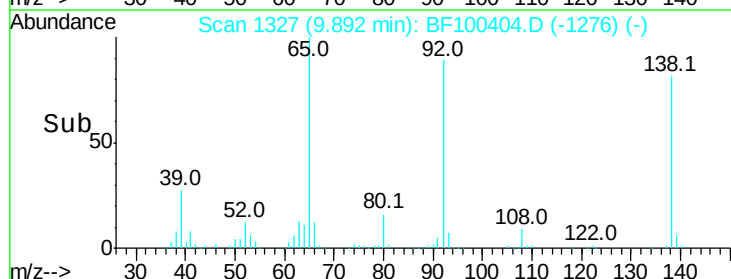
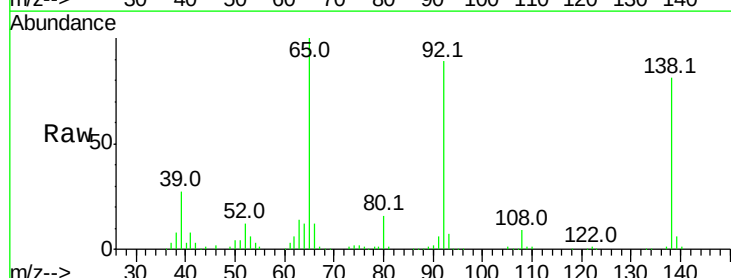
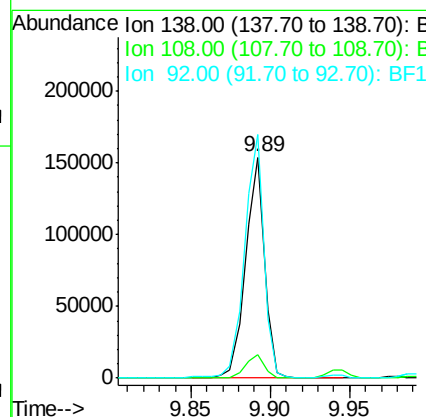
RT: 9.89 min Scan# 1327

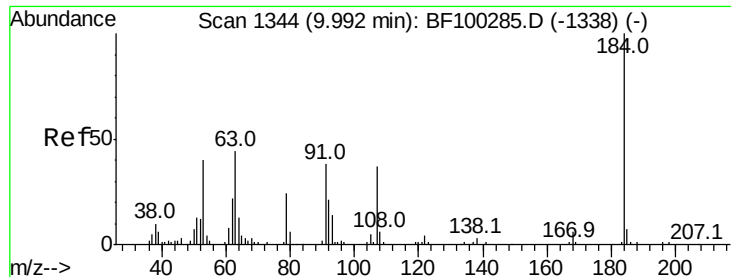
Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	138	Resp:	127807
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	110.2	89.4	134.2





#53

2,4-Dinitrophenol

Concen: 15.846 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tot Ion:184 Resp: 10743

Ion Ratio Lower Upper

184 100

63 58.2 54.2 81.2

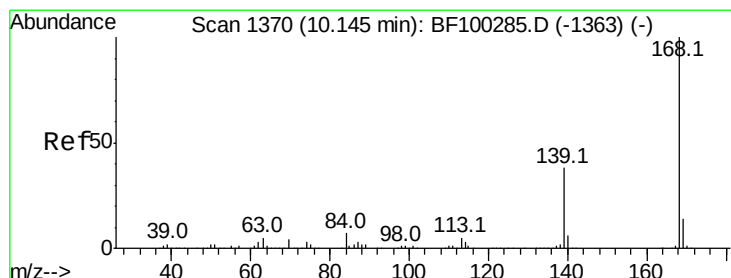
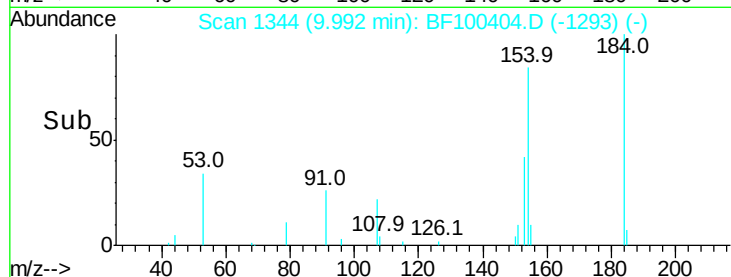
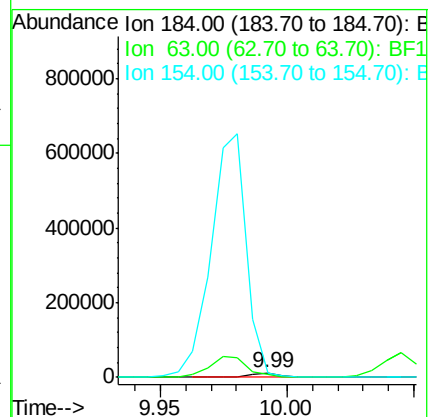
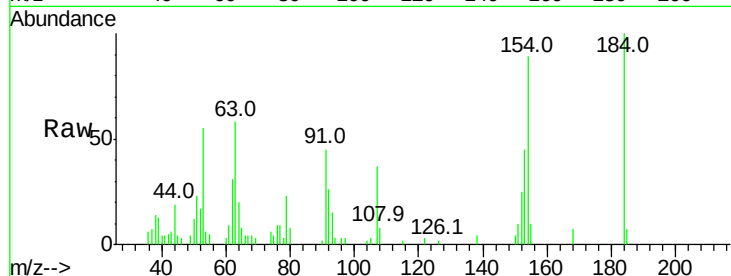
154 88.6 184.0 276.0#

Manual Integrations

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#54

Dibenzofuran

Concen: 39.432 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

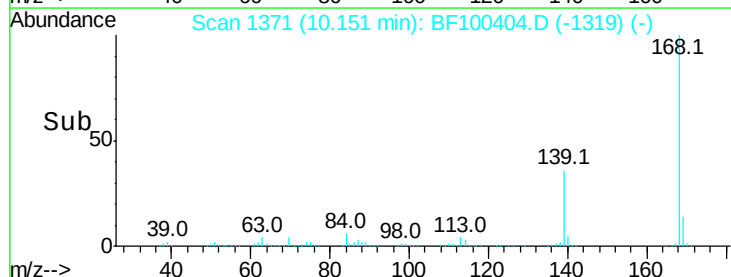
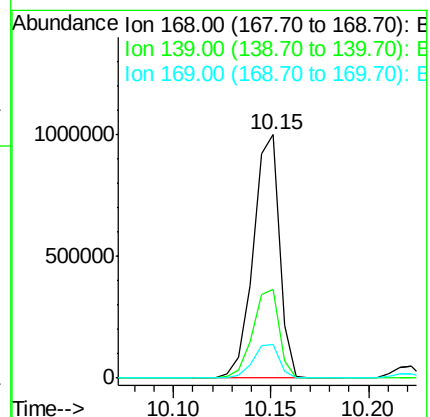
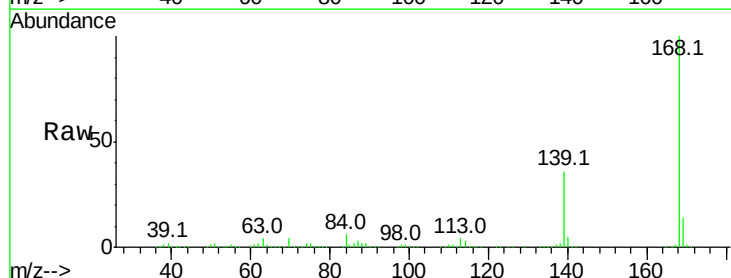
Tgt Ion:168 Resp: 929506

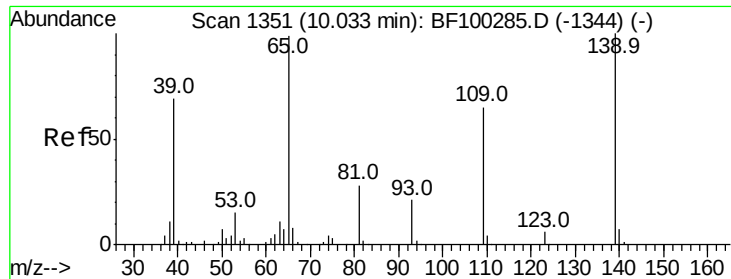
Ion Ratio Lower Upper

168 100

139 36.3 30.1 45.1

169 14.1 10.9 16.3





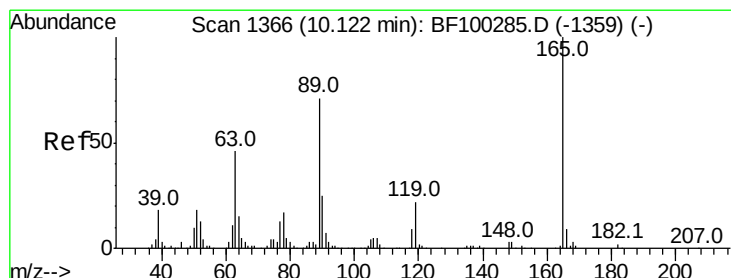
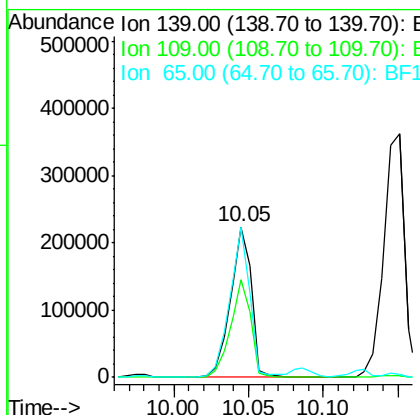
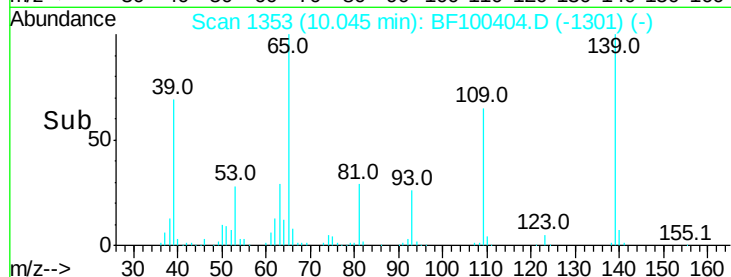
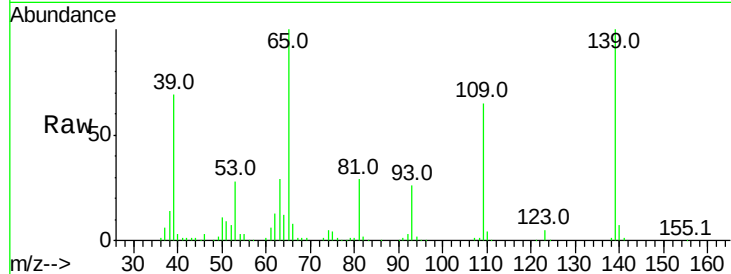
#55
4-Nitrophenol
Concen: 57.747 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.5	48.4	88.4
65	99.8	72.6	112.6

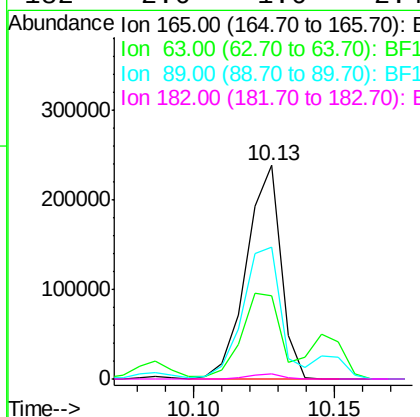
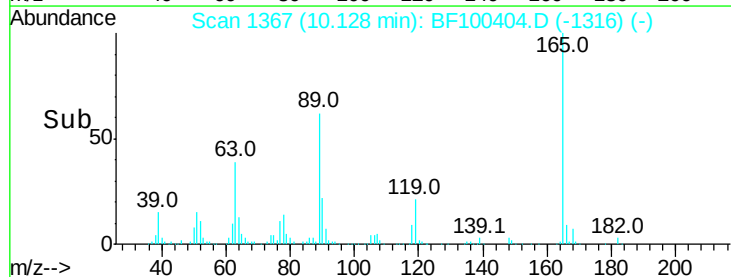
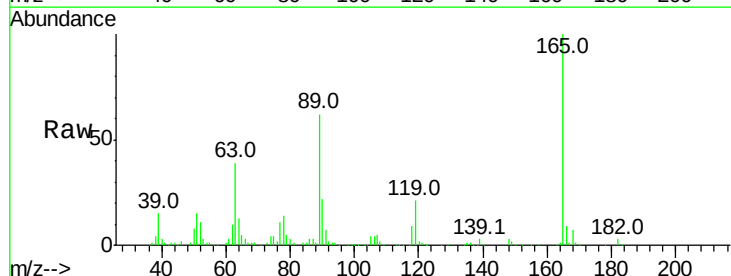
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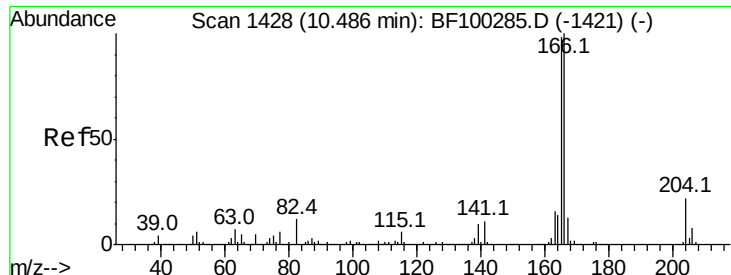
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11/13/2017 4:43:27 PM



#56
2,4-Dinitrotoluene
Concen: 39.821 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.2	36.4	54.6
89	61.9	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 38.413 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

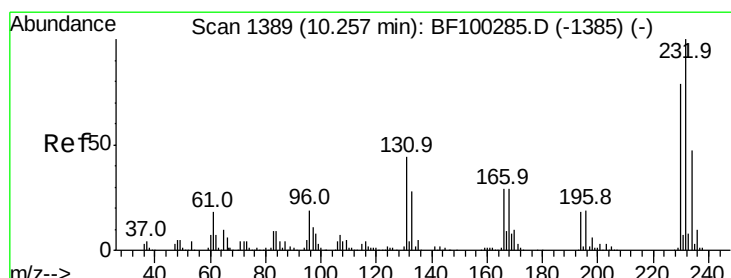
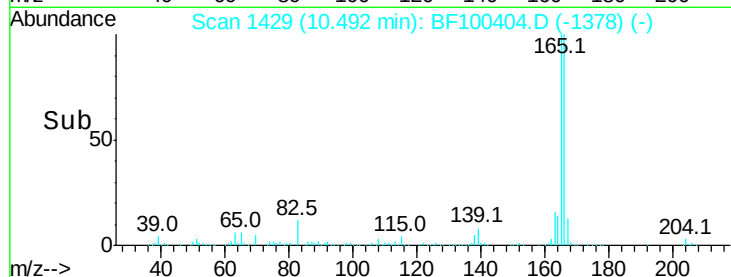
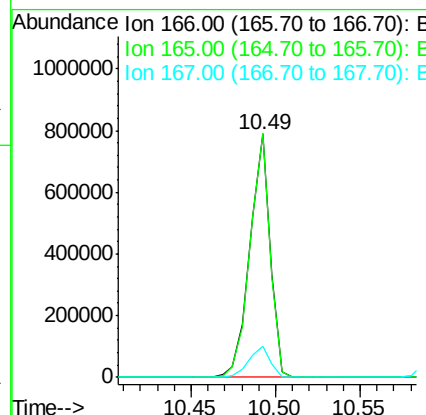
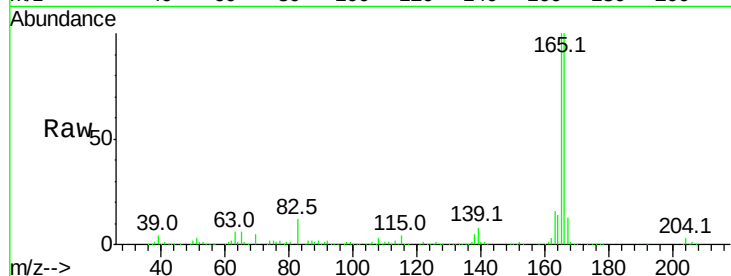
ClientSampled :

TP-3MS

Tot Ion:	166	Resp:	663327
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.8	119.8
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.462 ng

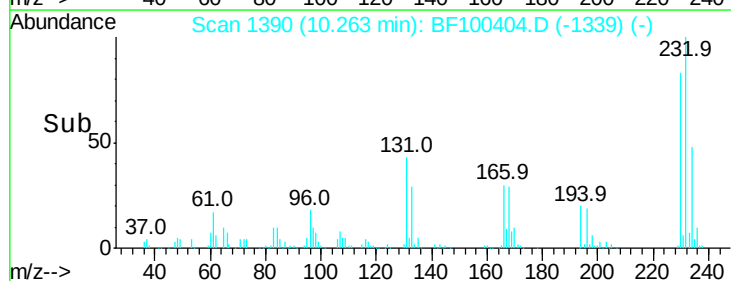
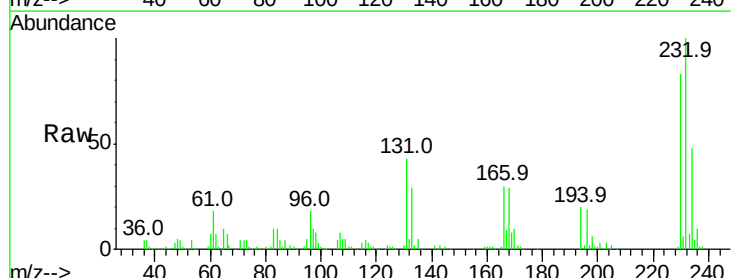
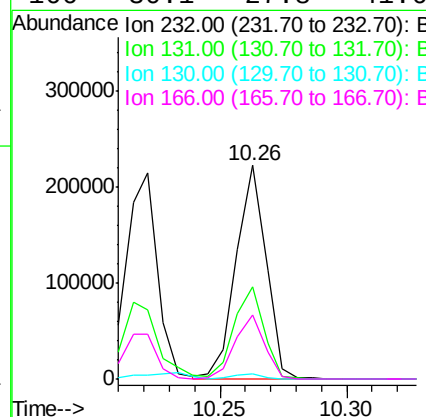
RT: 10.26 min Scan# 1390

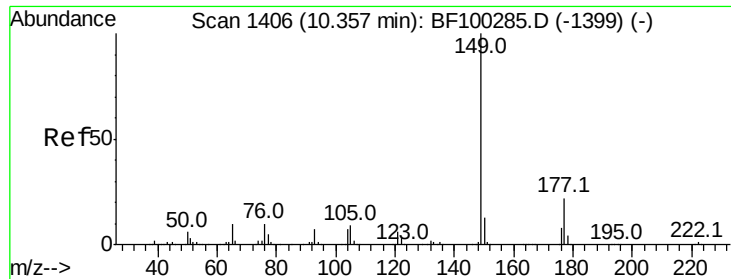
Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	232	Resp:	182571
Ion Ratio	Lower	Upper	
232	100		
131	43.6	43.8	65.8#
130	2.2	2.1	3.1
166	30.1	27.8	41.6





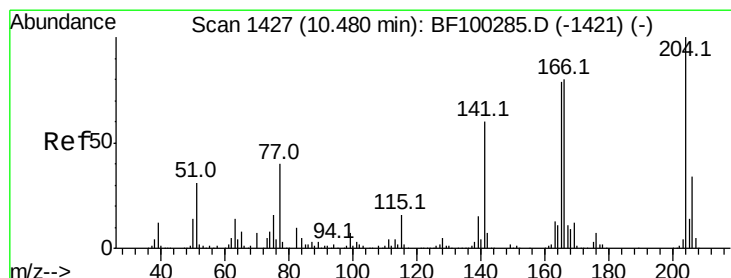
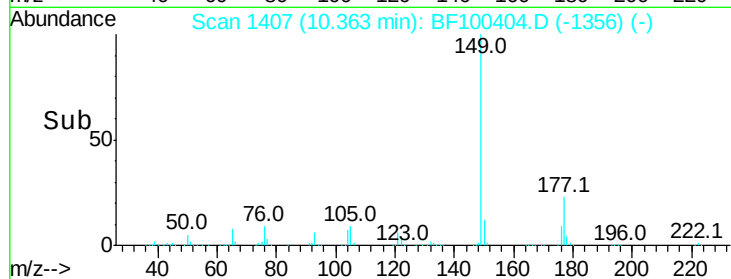
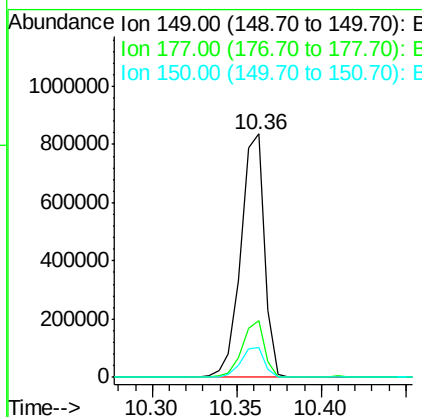
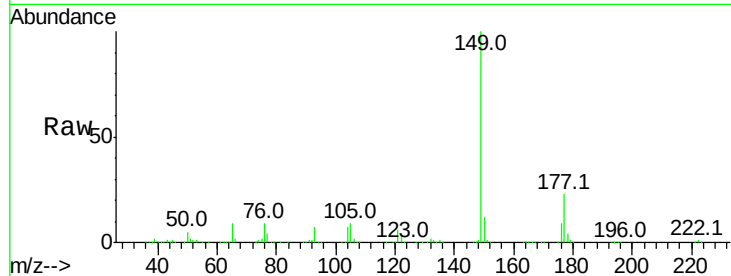
#59
Diethylphthalate
Concen: 40.253 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	16.1	24.1
150	12.5	10.1	15.1

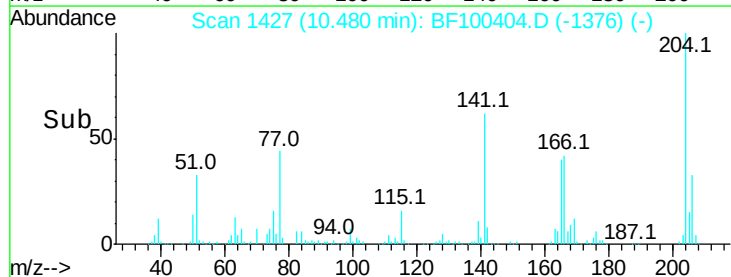
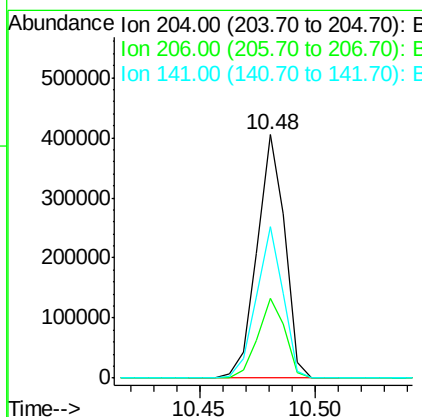
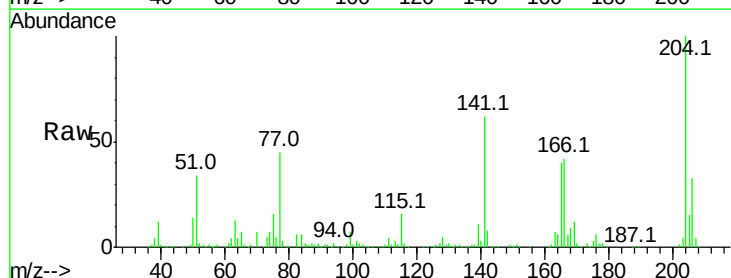
Manual Integrations
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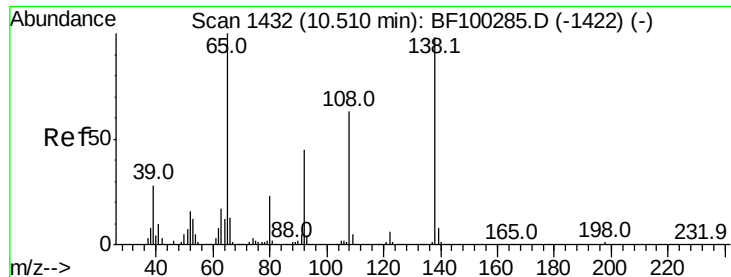
SOHIL
11/13/2017 4:43:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.179 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.0	54.6	81.8





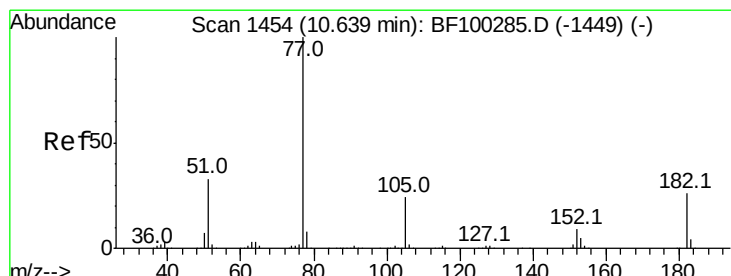
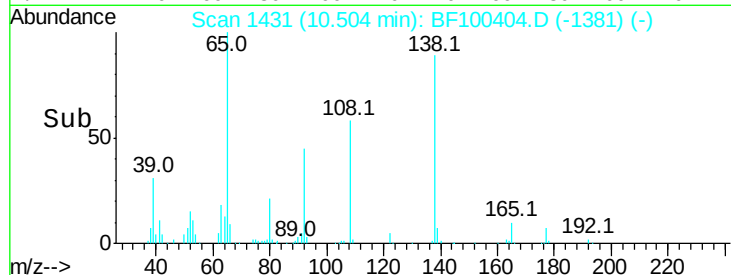
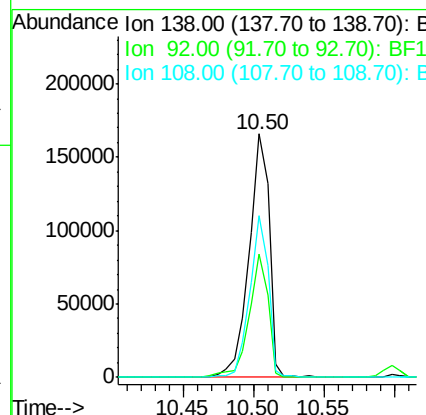
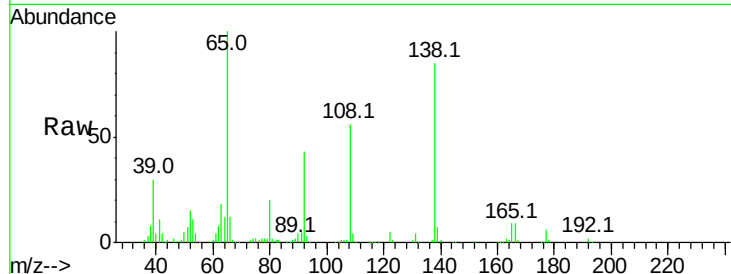
#61
4-Nitroaniline
Concen: 37.009 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	66.4	52.5	92.5

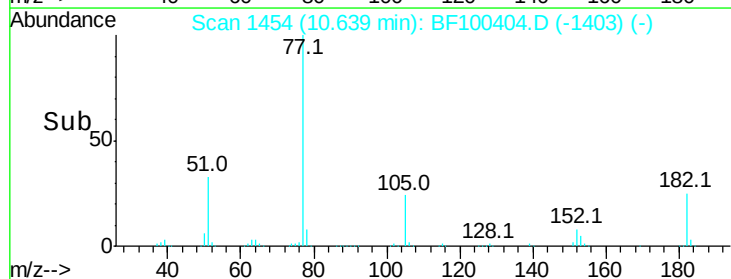
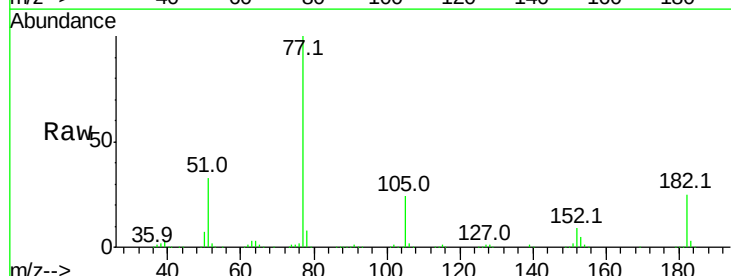
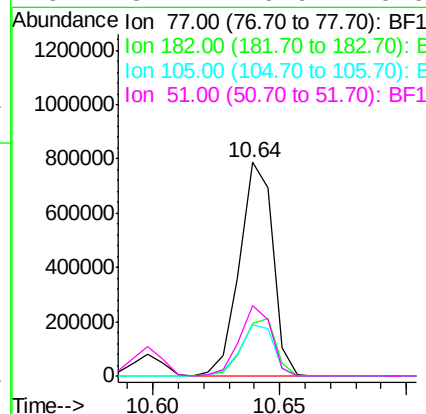
Manual Integrations
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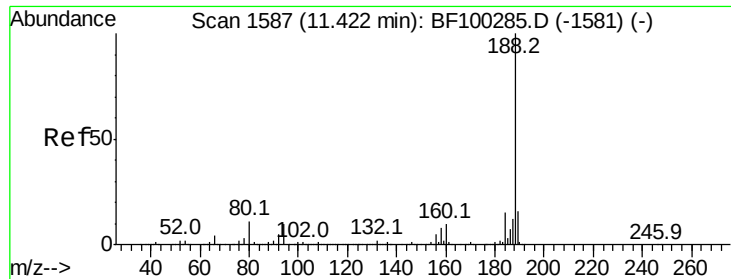
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11/13/2017 4:43:27 PM



#62
Azobenzene
Concen: 37.612 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.7	41.7
105	24.0	3.0	43.0
51	32.7	9.9	49.9





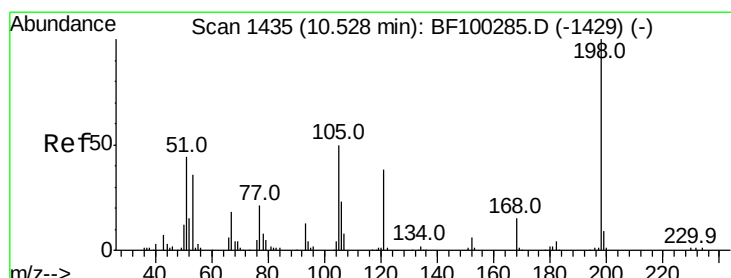
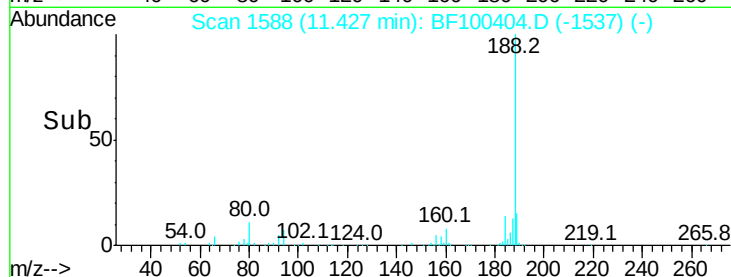
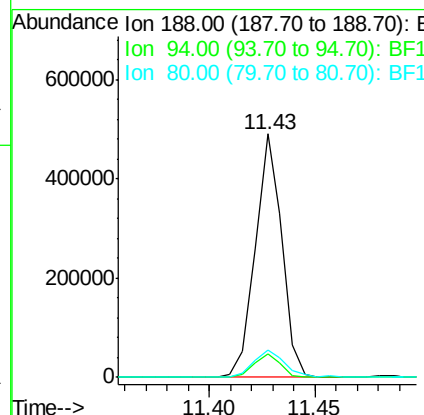
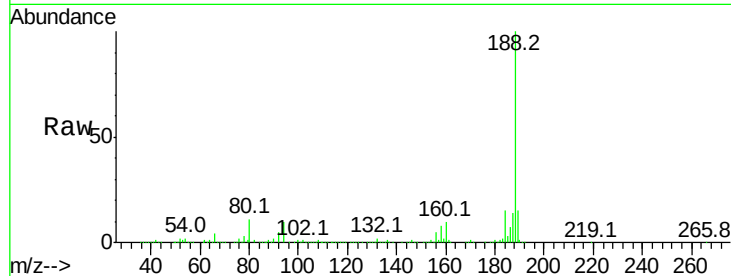
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampled :
TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	426930		
94	9.8		8.5	12.7
80	11.4		9.2	13.8

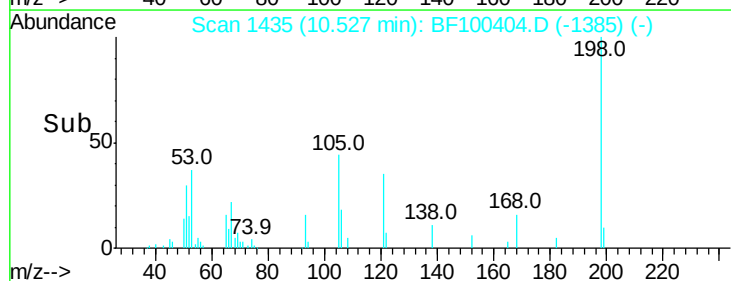
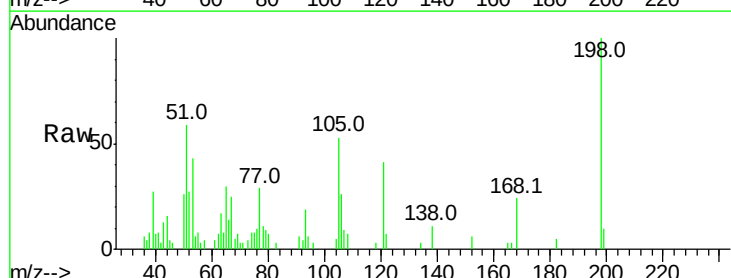
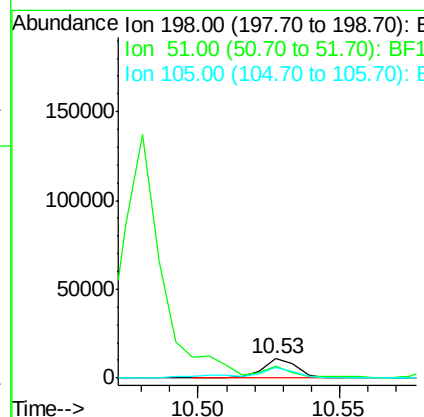
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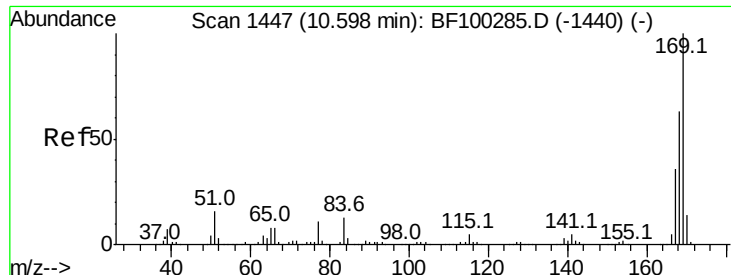
SOHIL
11/13/2017 4:43:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.134 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	9353		
51	58.5		37.7	77.7
105	52.9		36.3	76.3





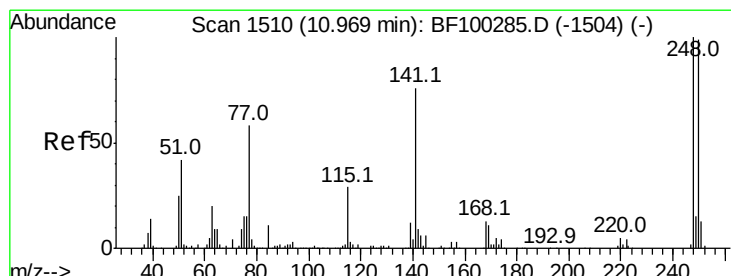
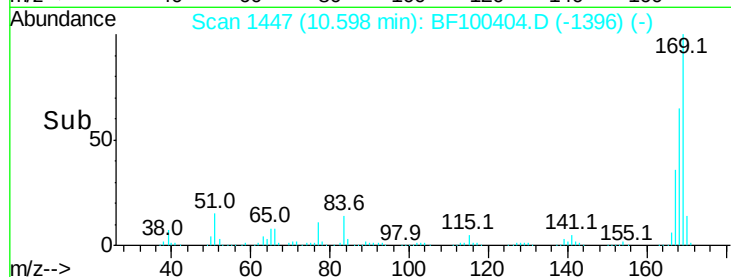
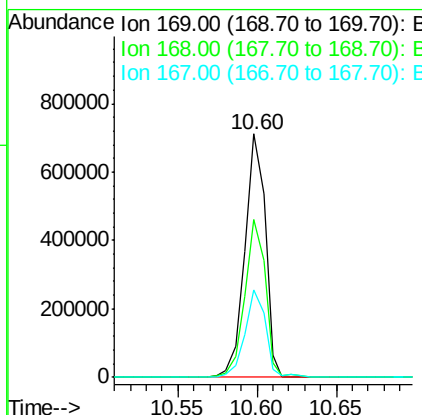
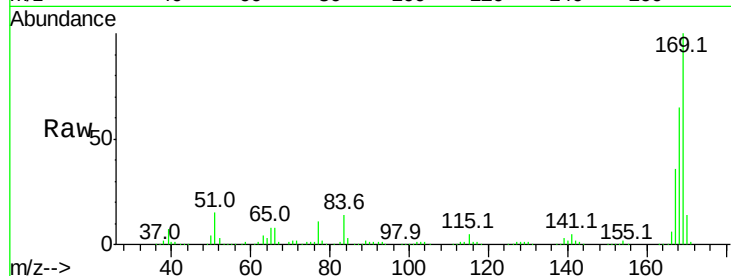
#65
 n-Nitrosodiphenylamine
 Concen: 42.985 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	638108		
168	64.7		54.4	81.6
167	36.2		29.8	44.6

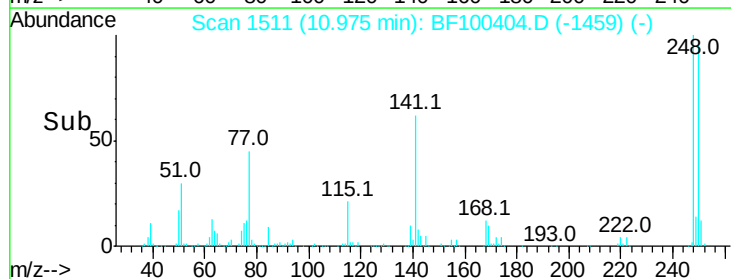
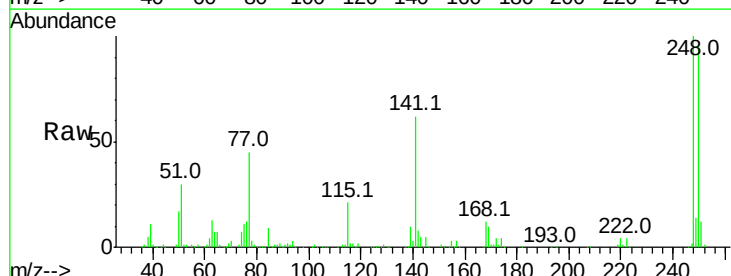
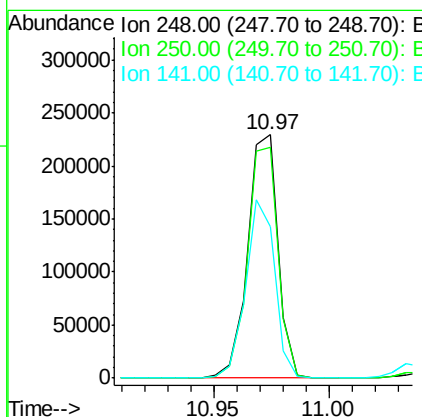
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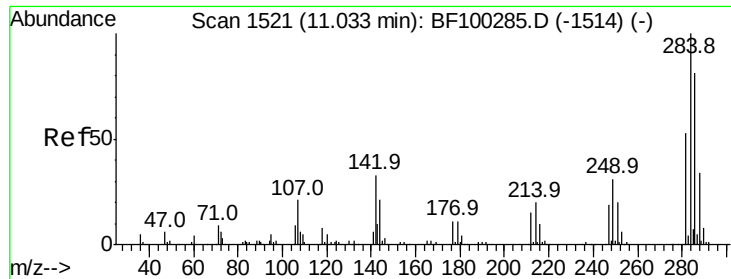
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 11/13/2017 4:43:27 PM



#66
 4-Bromophenyl-phenylether
 Concen: 46.102 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	210991		
250	94.6		76.9	115.3
141	62.1		74.4	111.6#





#67

Hexachlorobenzene

Concen: 43.180 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

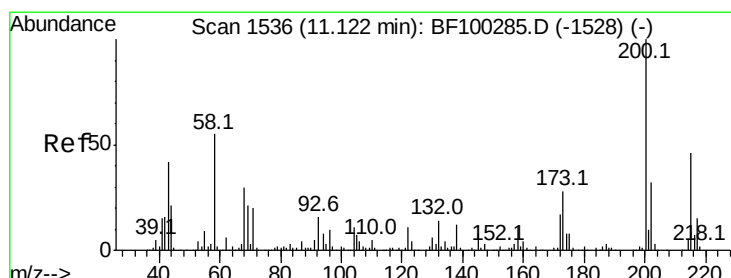
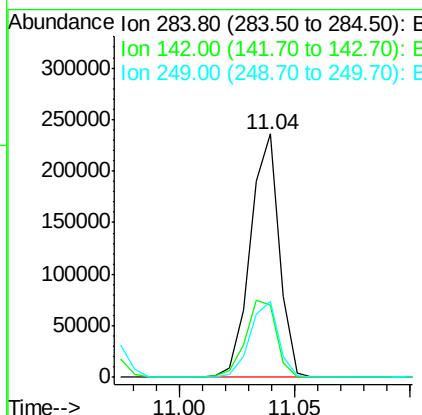
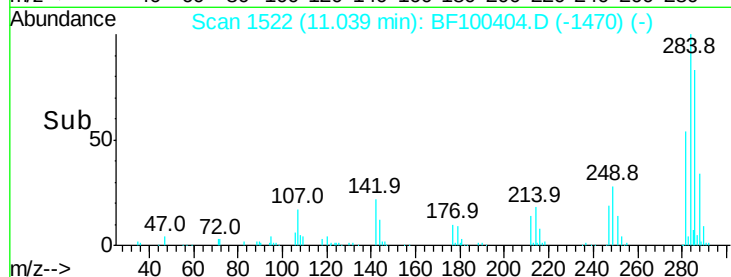
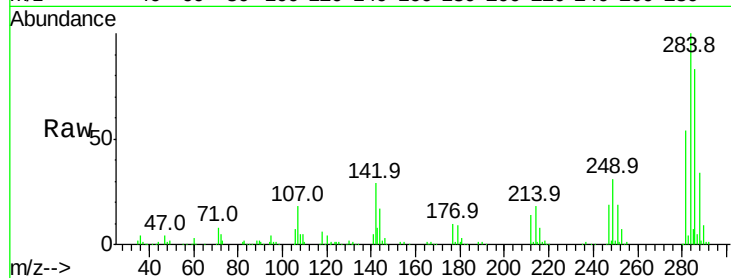
ClientSampleId :

TP-3MS

Tot Ion:	284	Resp:	206684
Ion Ratio	Lower	Upper	
284	100		
142	29.4	34.6	52.0#
249	31.1	24.8	37.2

Manual Integrations
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11/13/2017 4:43:27 PM



#68

Atrazine

Concen: 41.201 ng

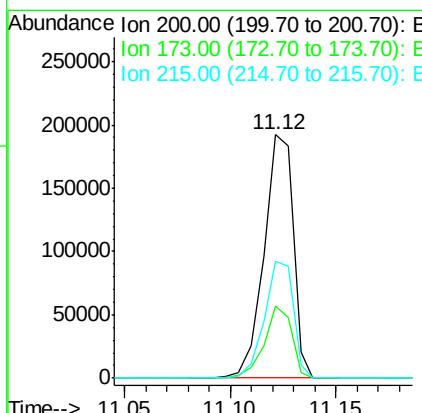
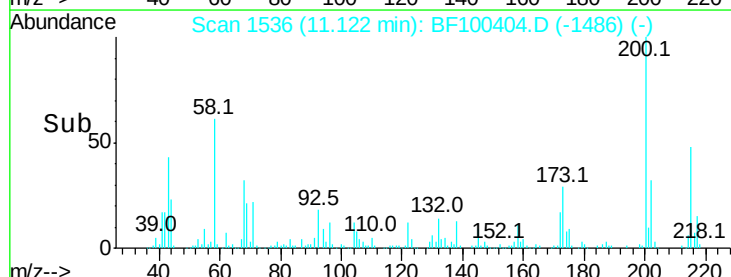
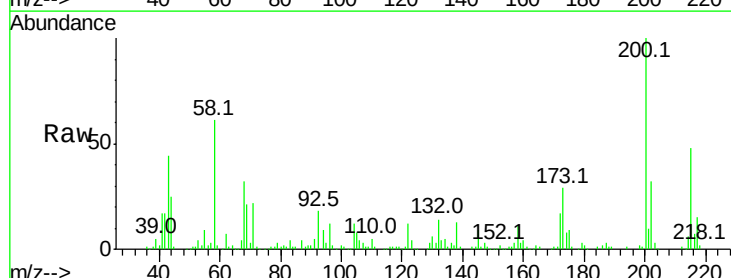
RT: 11.12 min Scan# 1536

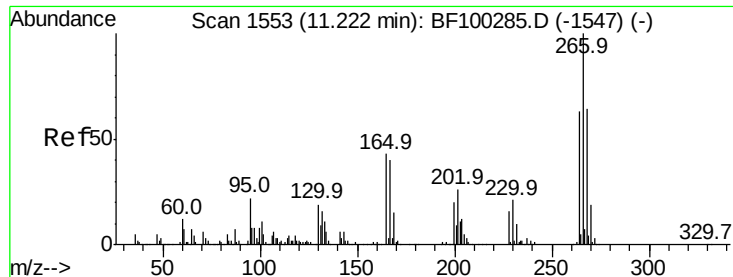
Delta R.T. -0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	200	Resp:	185141
Ion Ratio	Lower	Upper	
200	100		
173	29.4	8.6	48.6
215	48.1	25.1	65.1





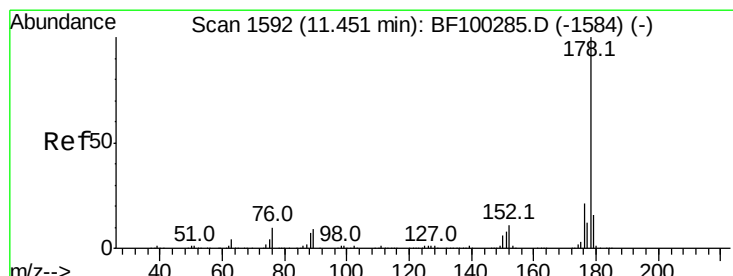
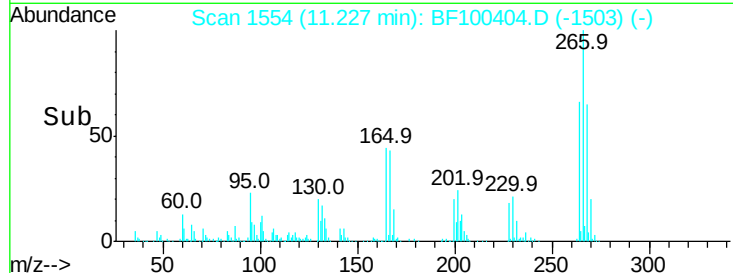
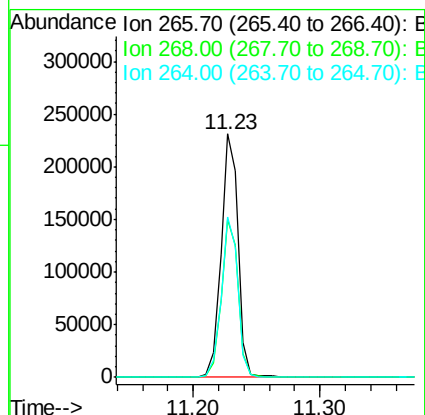
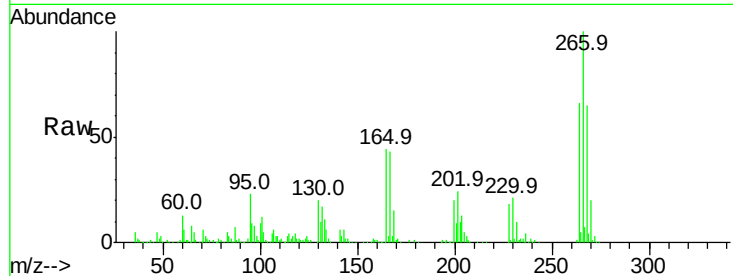
#69
 Pentachlorophenol
 Concen: 63.282 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	217202		
268	64.9	51.1	76.7	
264	65.9	49.5	74.3	

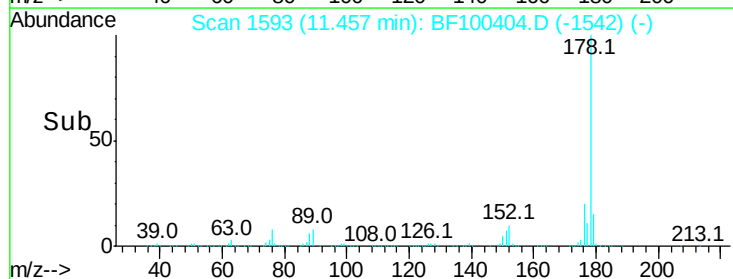
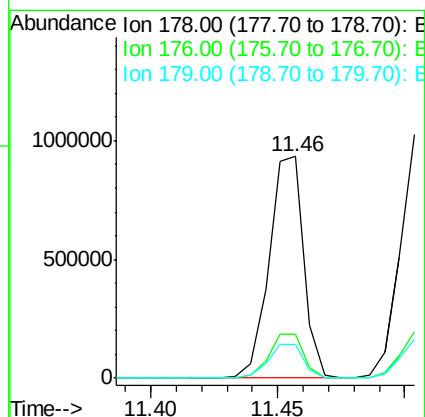
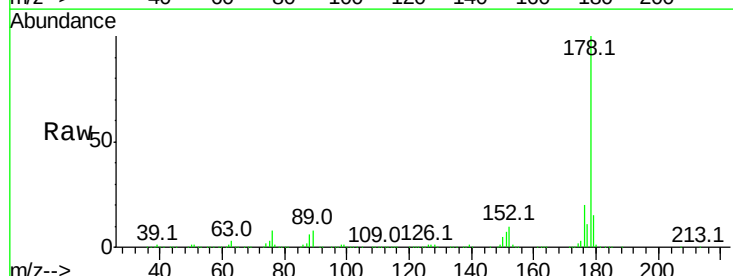
Manual Integrations
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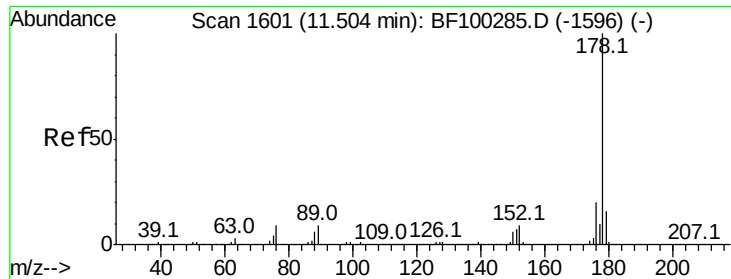
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#70
 Phenanthrene
 Concen: 39.681 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	891975		
176	20.1	15.8	23.8	
179	15.3	13.0	19.6	





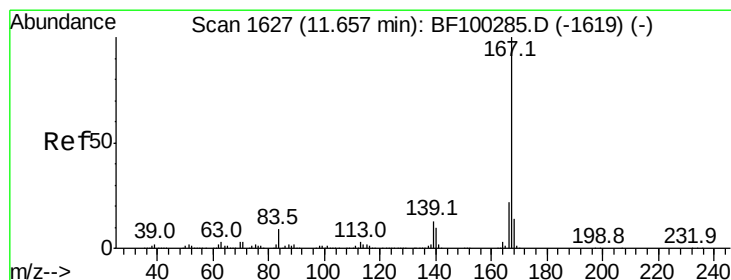
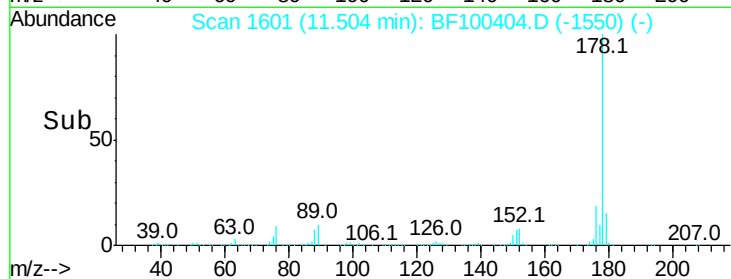
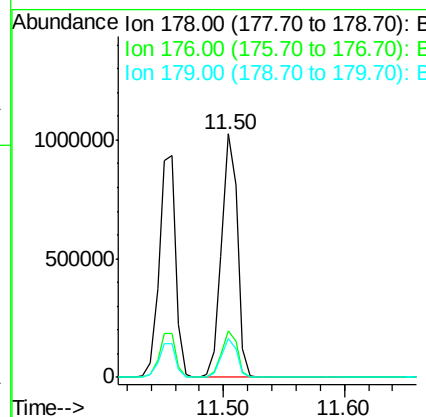
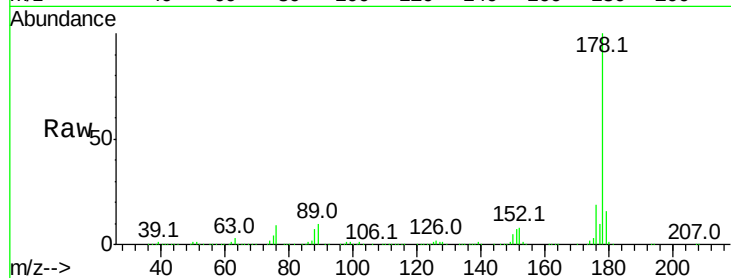
#71
 Anthracene
 Concen: 40.334 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0

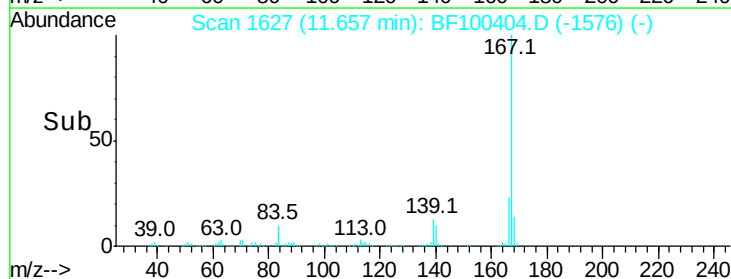
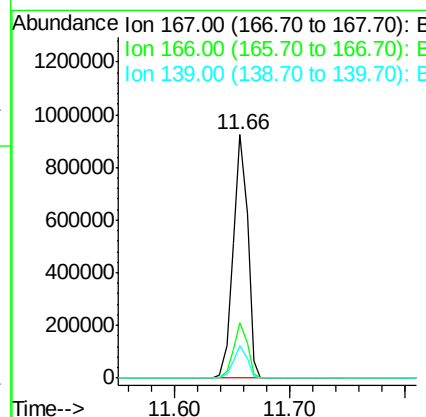
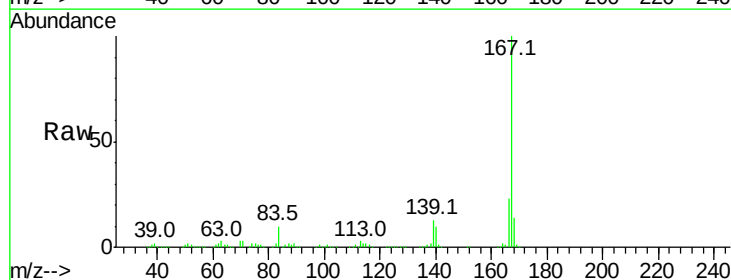
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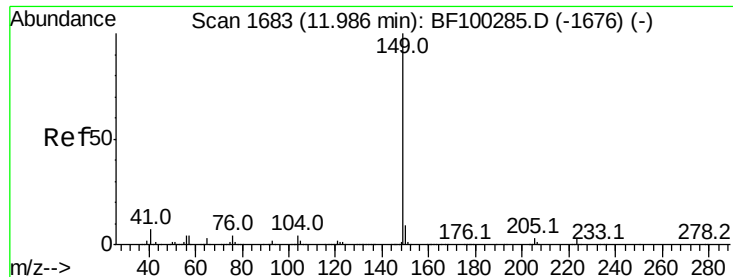
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#72
 Carbazole
 Concen: 38.142 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.861 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

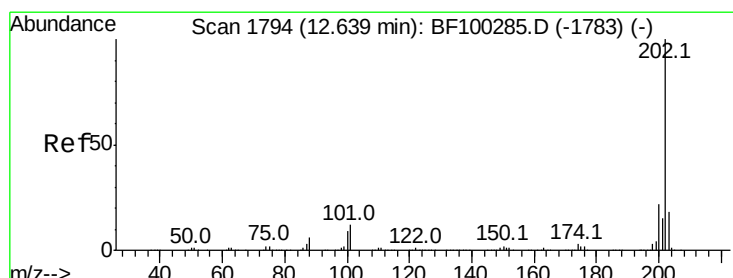
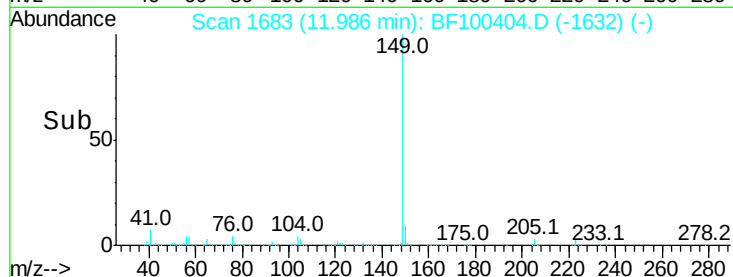
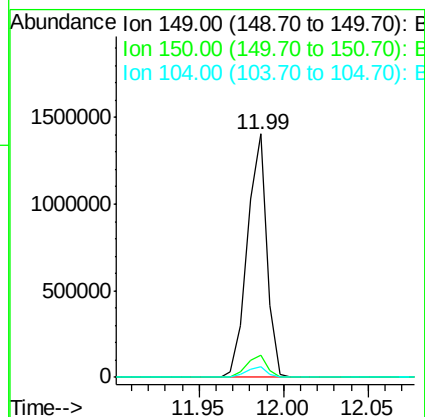
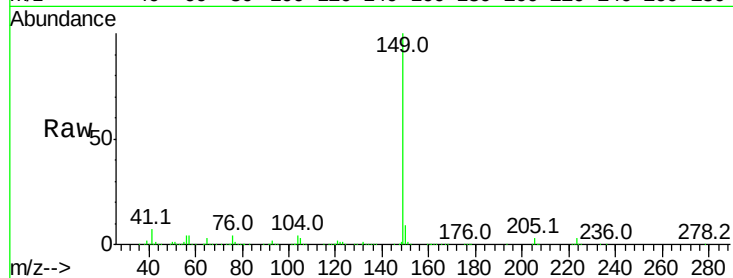
ClientSampleId :

TP-3MS

Tot Ion:	149	Resp:	1129325
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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11/13/2017 4:43:27 PM



#74

Fluoranthene

Concen: 38.373 ng

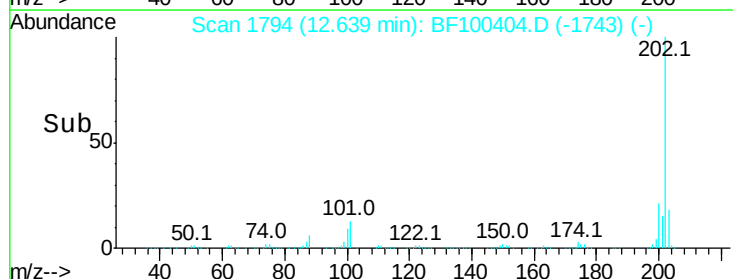
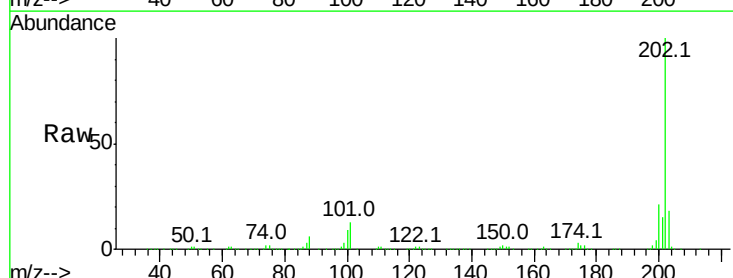
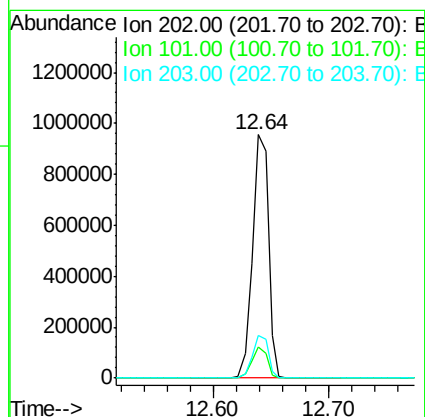
RT: 12.64 min Scan# 1794

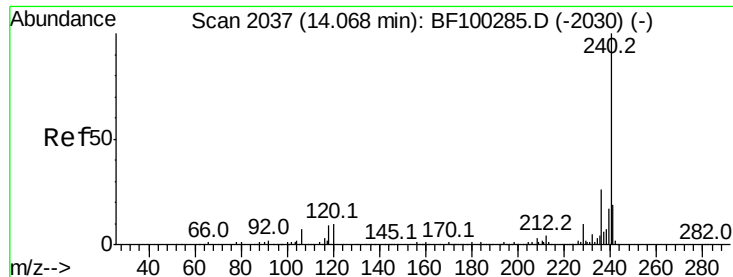
Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	202	Resp:	914159
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

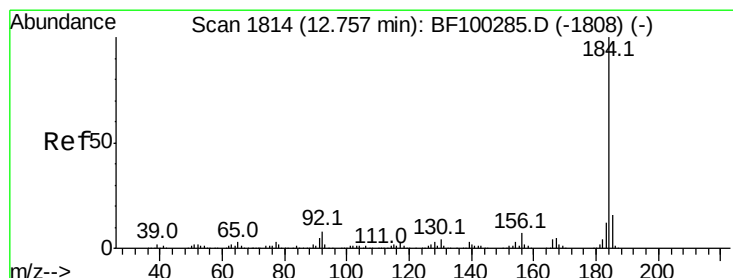
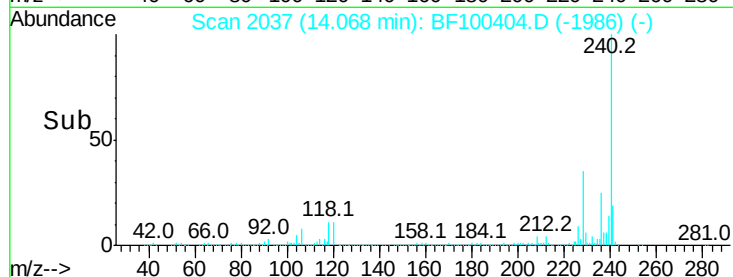
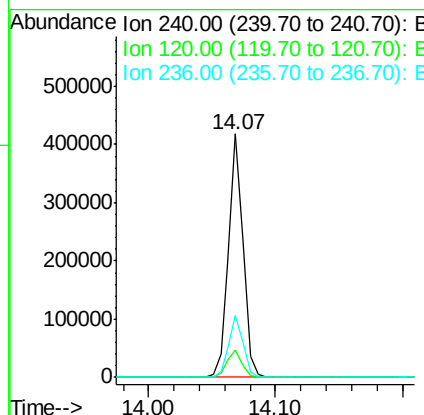
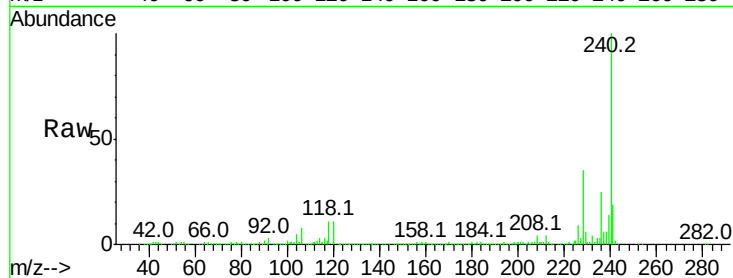
ClientSampleId :

TP-3MS

Tot Ion:	240	Resp:	333005
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 10.649 ng

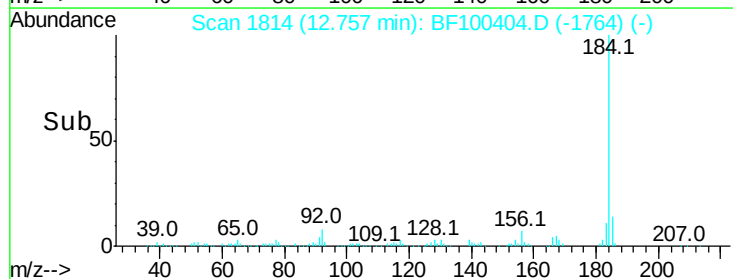
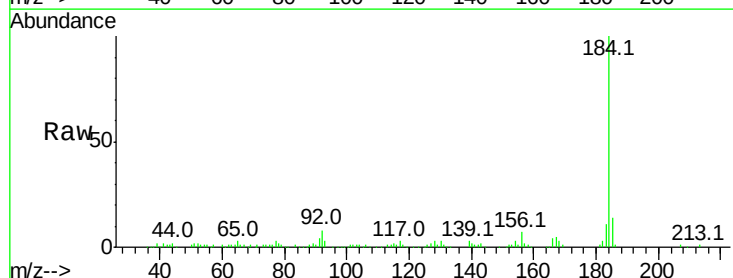
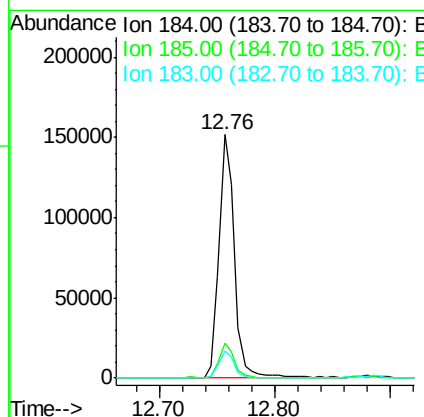
RT: 12.76 min Scan# 1814

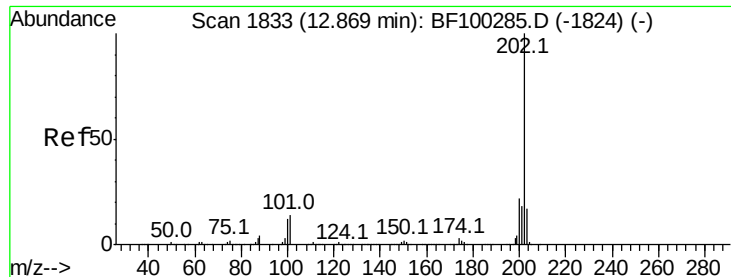
Delta R.T. -0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	184	Resp:	142015
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.4	9.3	13.9





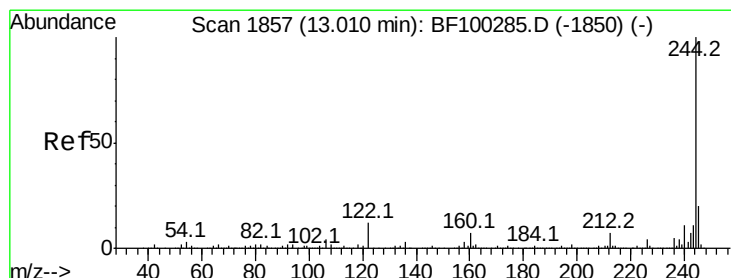
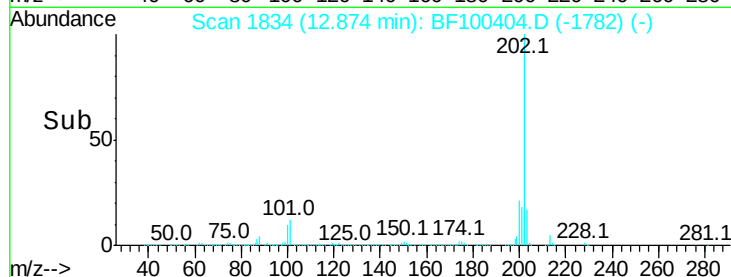
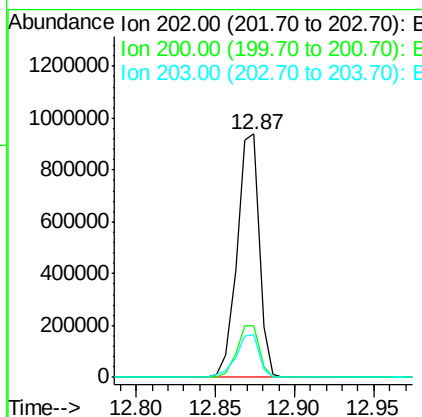
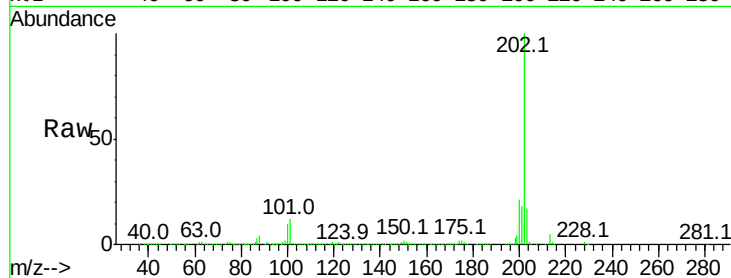
#77
Pvrene
Concen: 38.332 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

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

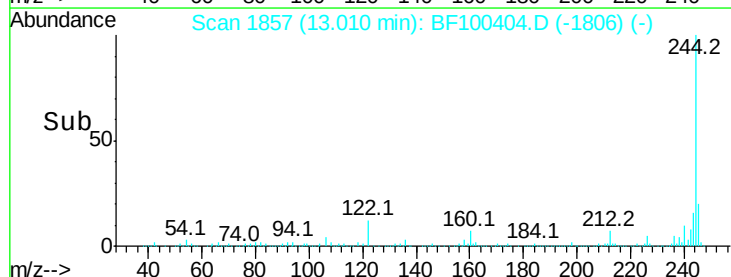
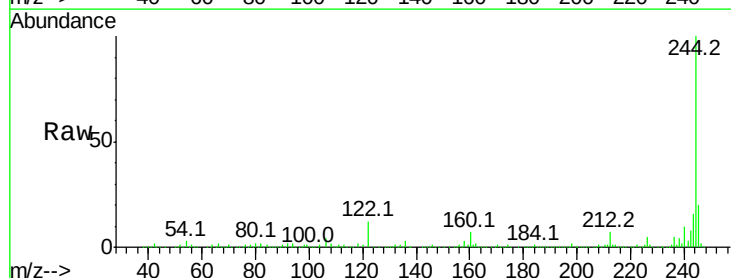
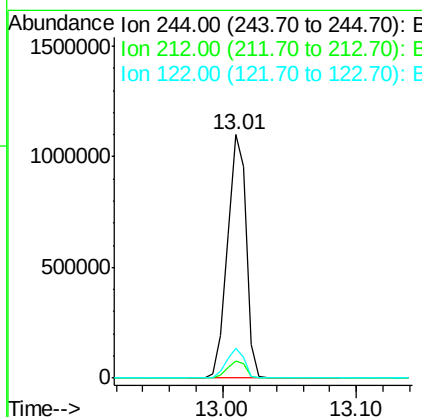
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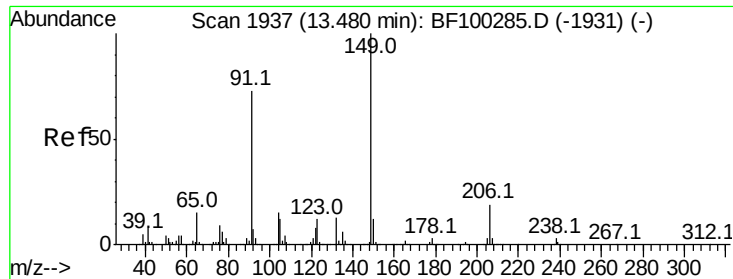
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#78
Terphenyl-d14
Concen: 75.194 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.1	11.0	16.4





#79

Butylbenzylphthalate

Concen: 43.879 ng

RT: 13.49 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

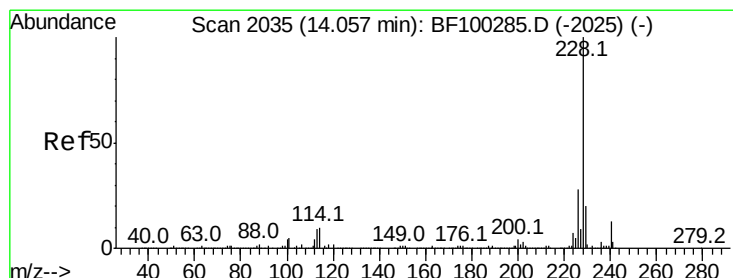
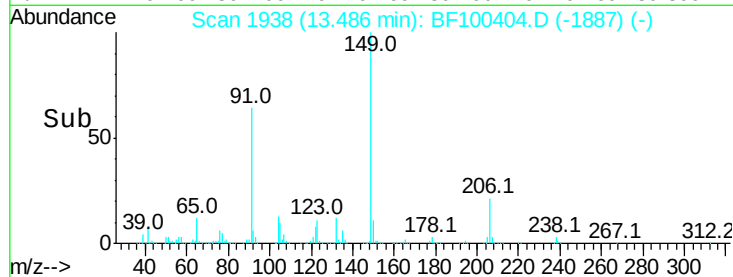
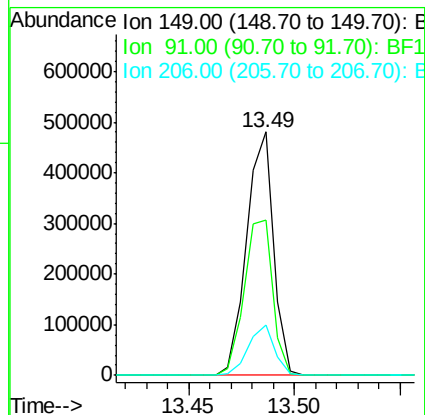
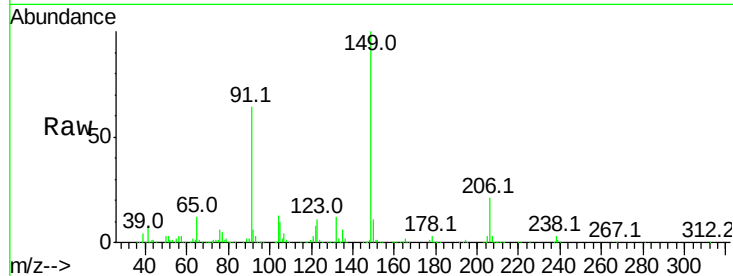
ClientSampleId :

TP-3MS

Tot Ion:	149	Resp:	424777
Ion Ratio	Lower	Upper	
149	100		
91	63.7	56.8	85.2
206	20.8	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 39.804 ng

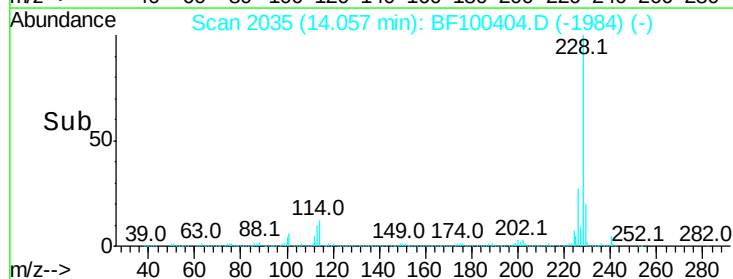
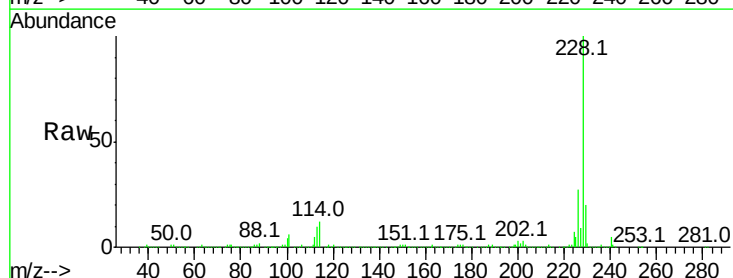
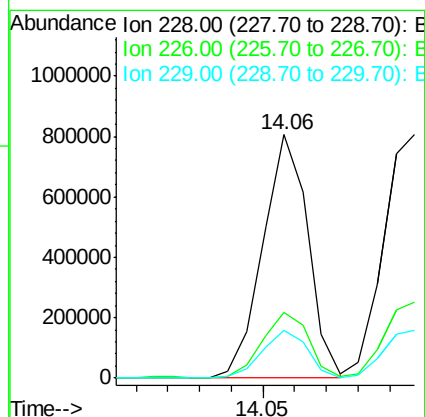
RT: 14.06 min Scan# 2035

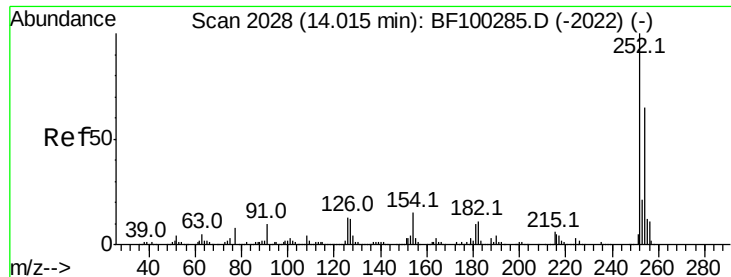
Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	228	Resp:	798205
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.9	15.8	23.6





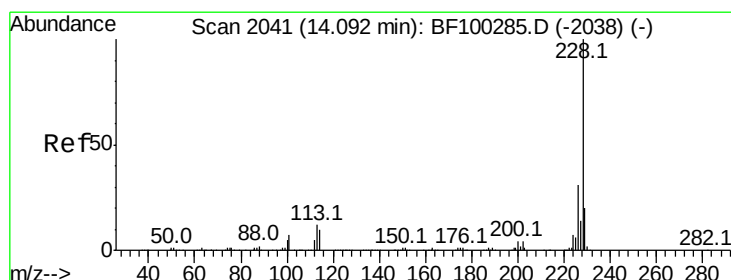
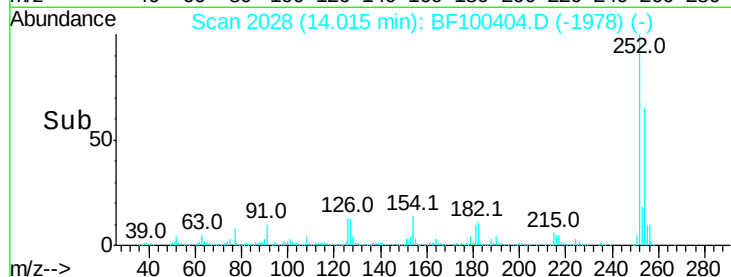
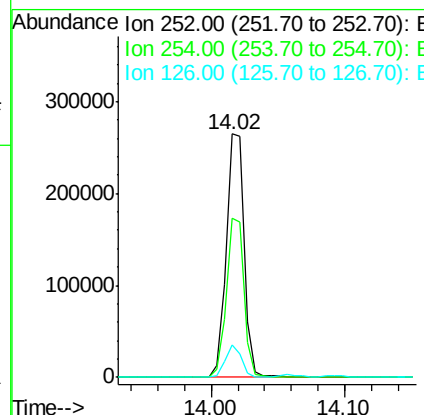
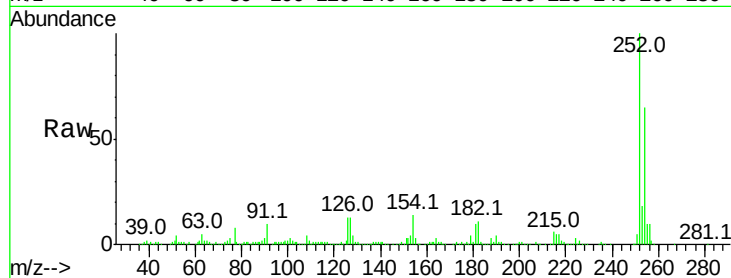
#81
 3,3'-Dichlorobenzidine
 Concen: 35.266 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampled :
 TP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	253381		
254	65.3		50.4	75.6
126	13.1		11.3	16.9

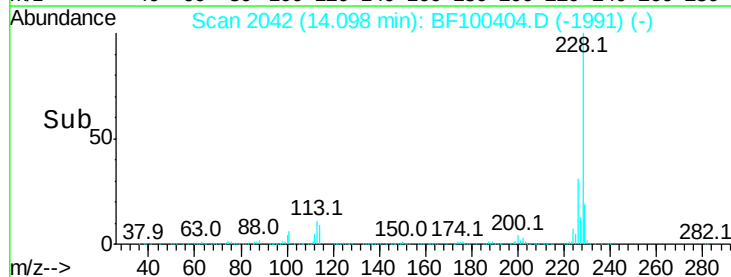
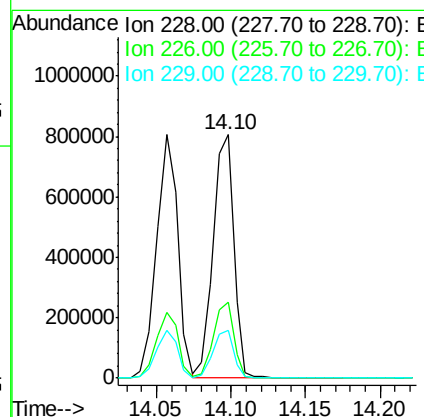
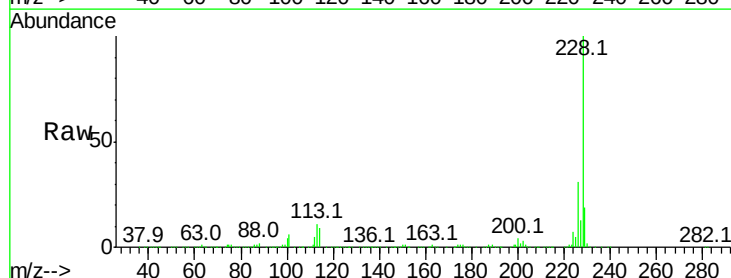
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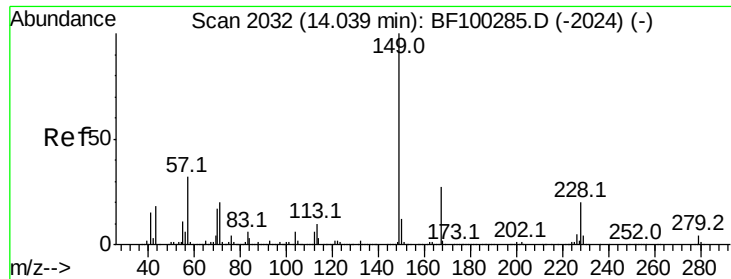
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#82
 Chrysene
 Concen: 39.906 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	774942		
226	31.1		25.0	37.6
229	19.4		16.2	24.4





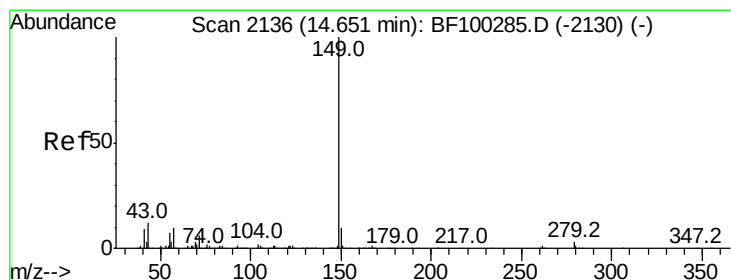
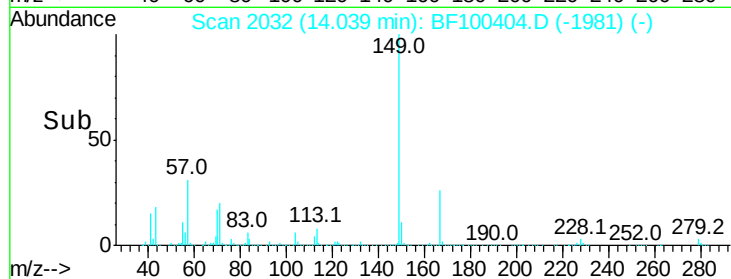
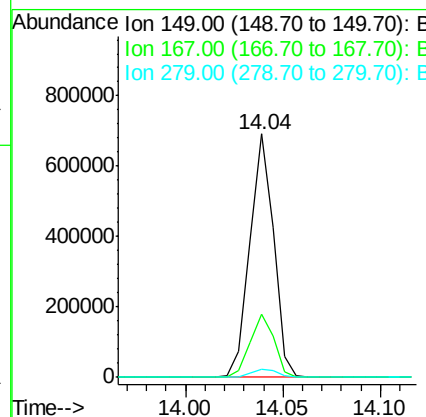
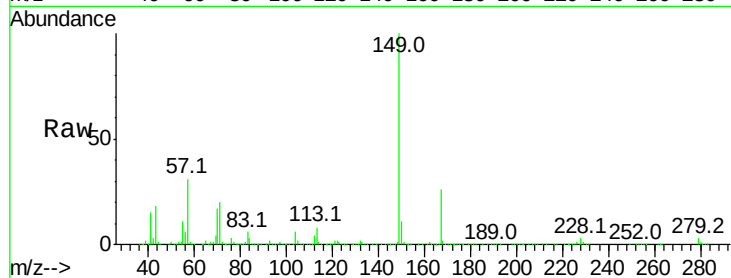
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.892 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.4	3.0	4.4

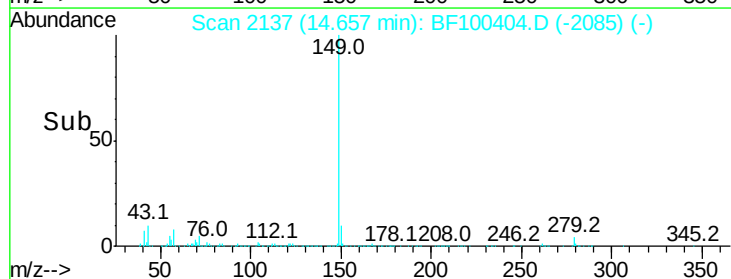
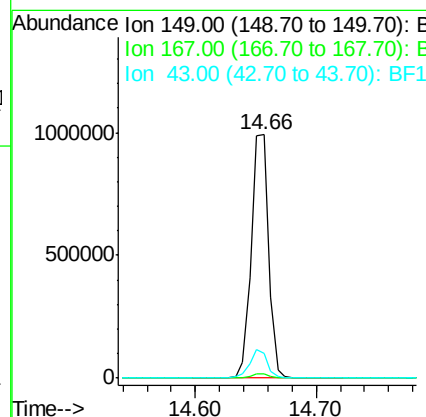
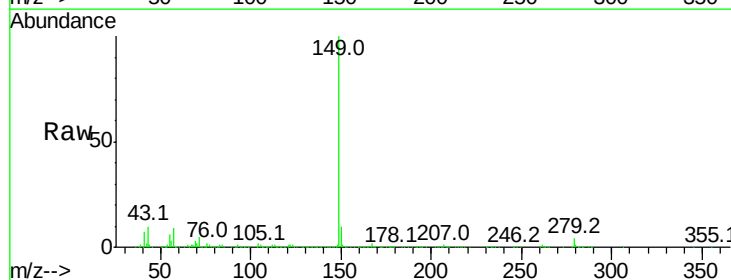
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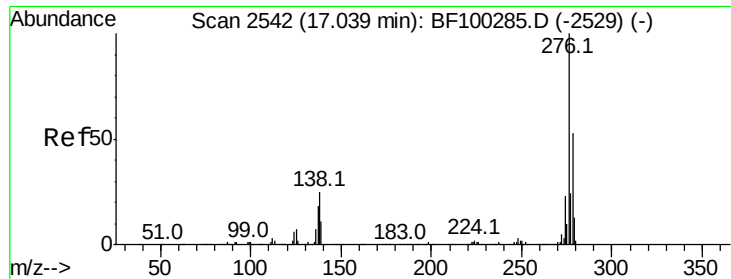
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#84
 Di-n-octyl phthalate
 Concen: 45.756 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.951 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Instrument :

BNA_F

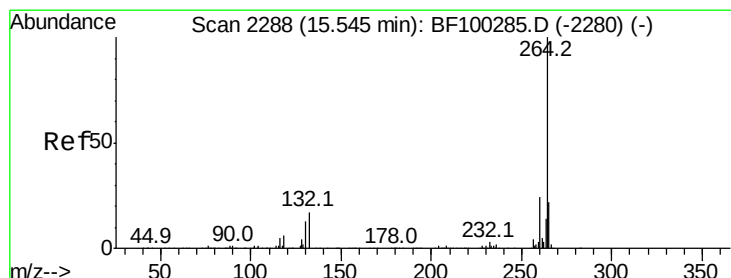
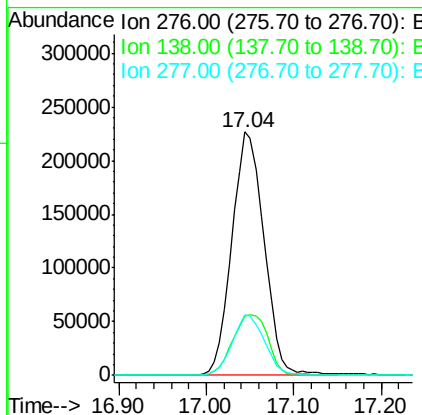
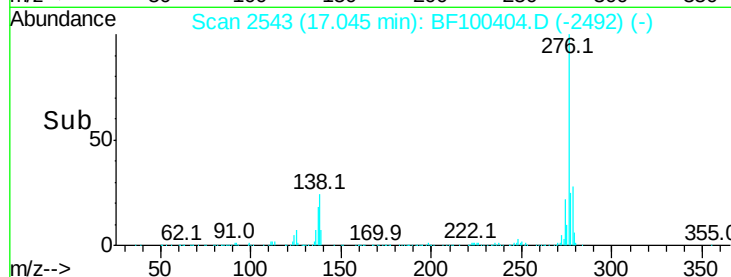
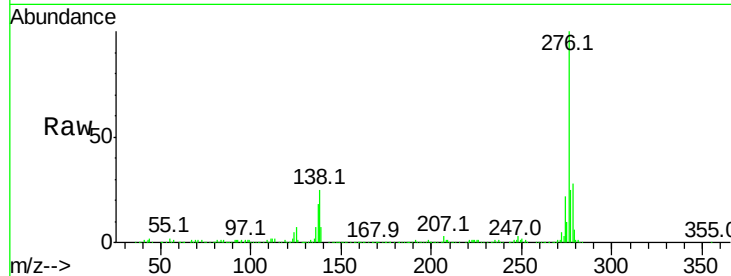
ClientSampleId :

TP-3MS

Tot Ion:	276	Resp:	564683
Ion Ratio	Lower	Upper	
276	100		
138	27.7	25.0	37.6
277	25.3	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

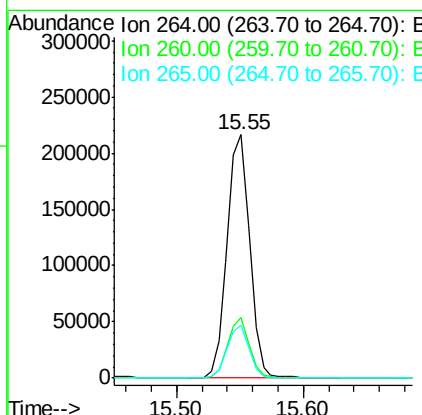
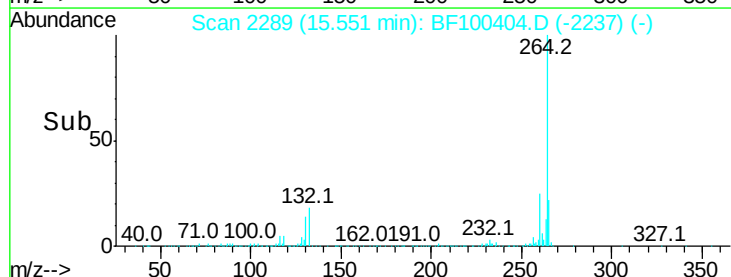
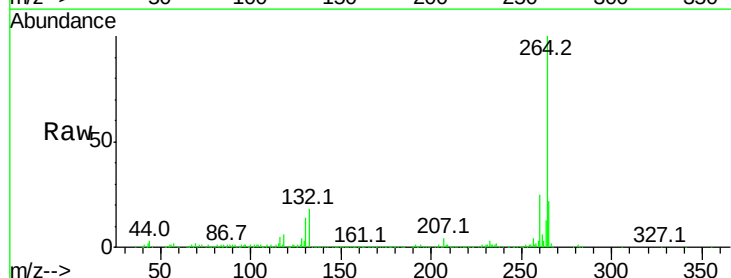
RT: 15.55 min Scan# 2289

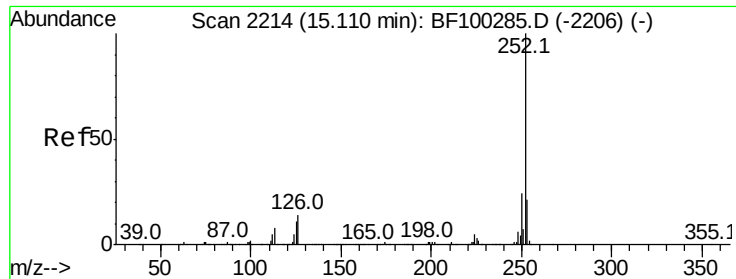
Delta R.T. 0.01 min

Lab File: BF100404.D

Acq: 10 Nov 2017 21:10

Tgt Ion:	264	Resp:	267492
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3





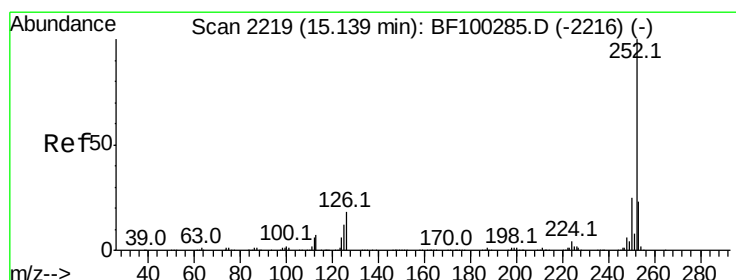
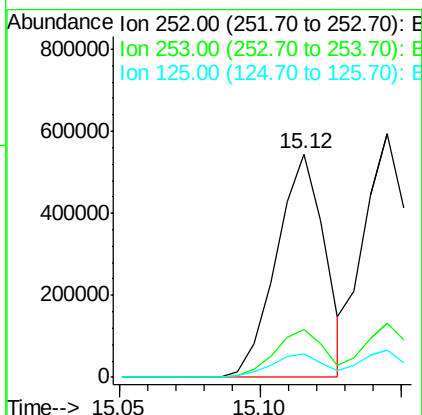
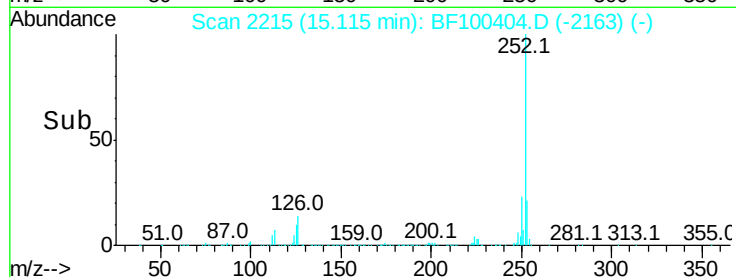
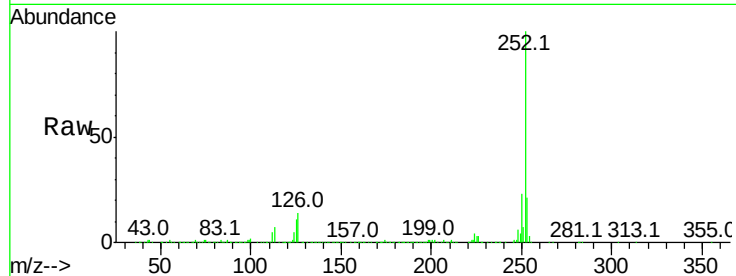
#87
Benzo(b)fluoranthene
Concen: 40.814 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	10.6	9.0	13.6

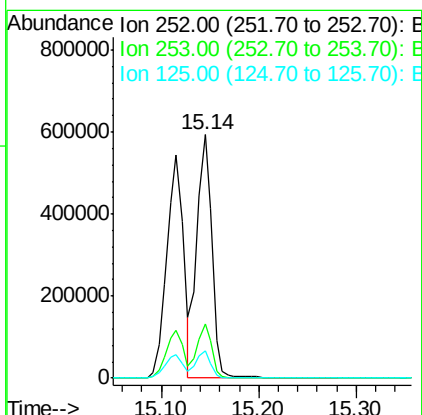
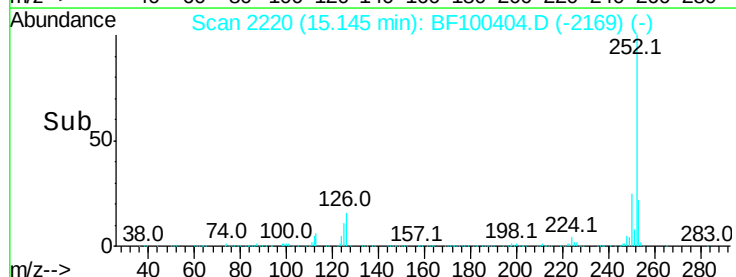
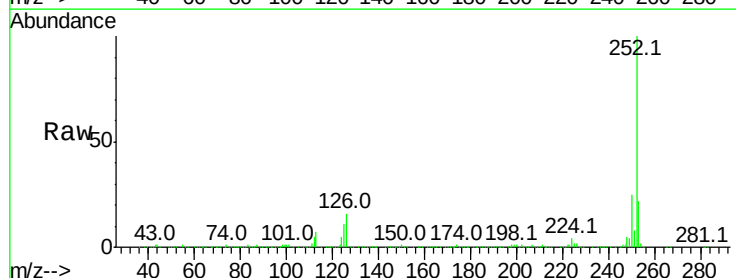
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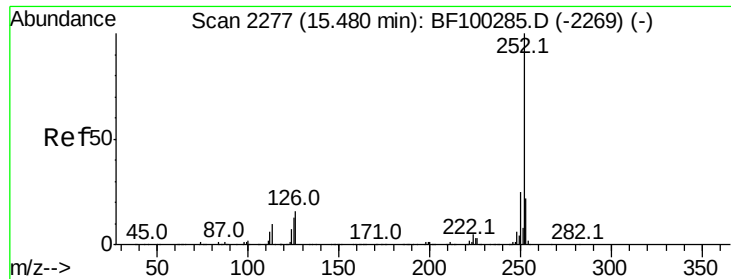
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#88
Benzo(k)fluoranthene
Concen: 42.466 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.1	10.2	15.2





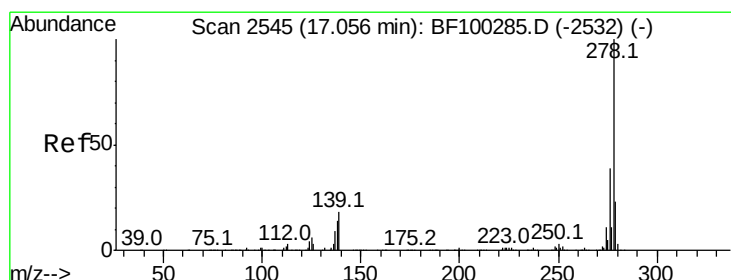
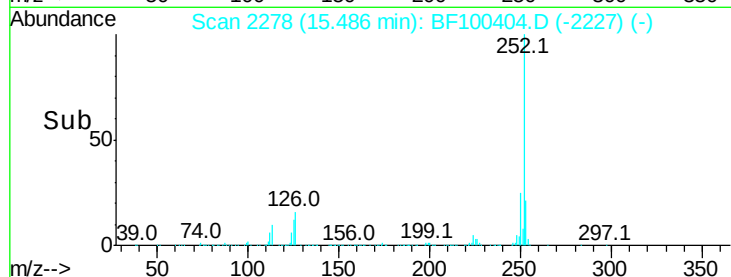
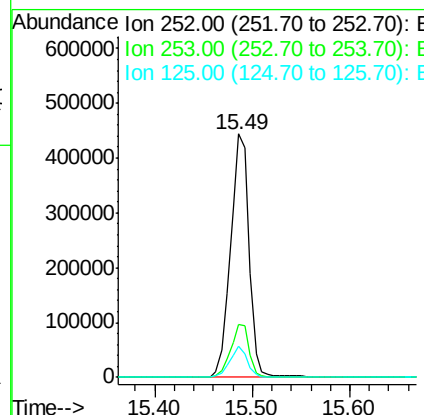
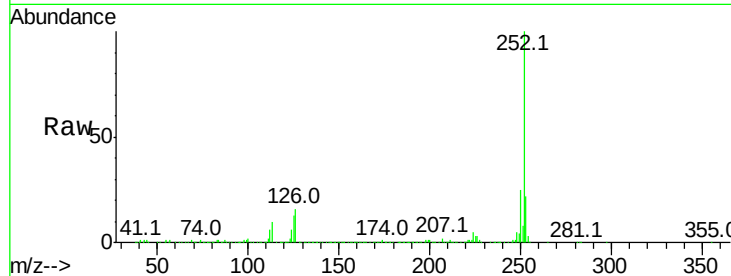
#89
Benzo(a)pyrene
Concen: 41.668 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.6	9.8	14.6

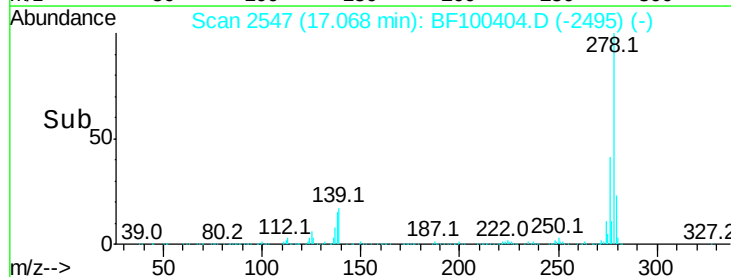
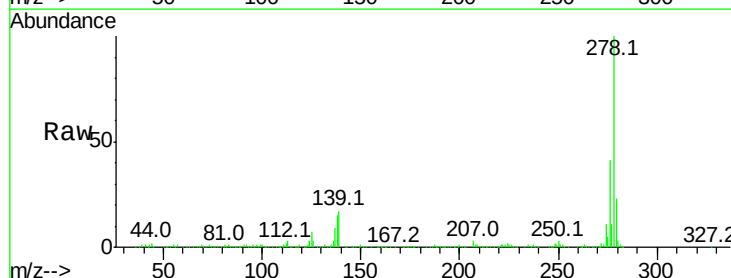
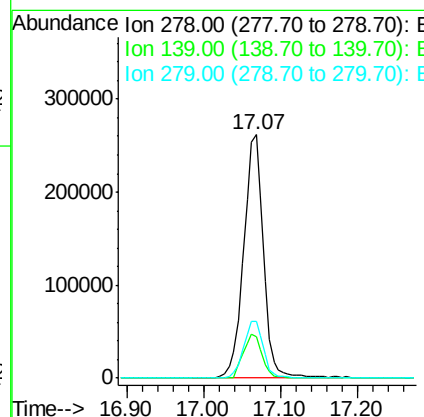
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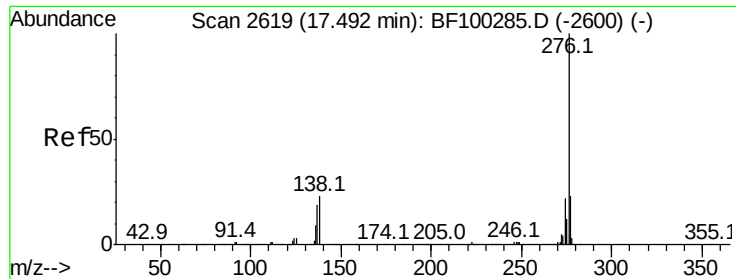
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#90
Dibenzo(a,h)anthracene
Concen: 41.192 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100404.D
Acq: 10 Nov 2017 21:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.782 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BF100404.D
 Acq: 10 Nov 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	17.9	26.9
138	24.9	21.8	32.8

Manual Integrations
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