

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100740.D
 Acq On : 20 Nov 2017 19:53
 Operator : SJ/JU
 Sample : I6521-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:31 PM

Quant Time: Nov 21 04:39:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100589	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	398771	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	186019	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	361498	20.00	ng	0.00
75) Chrysene-d12	14.03	240	231594	20.00	ng	-0.01
86) Perylene-d12	15.50	264	198974	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	649003	103.43	ng	0.00
7) Phenol-d6	6.50	99	792566	102.42	ng	0.00
23) Nitrobenzene-d5	7.44	82	493538	81.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	226652	119.57	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	947823	77.59	ng	-0.01
78) Terphenyl-d14	12.98	244	899051	89.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	84797	27.729	ng	96
3) Pyridine	3.47	79	239154	28.665	ng	96
4) n-Nitrosodimethylamine	3.43	42	119498	29.500	ng	# 98
6) Aniline	6.54	93	227276	20.790	ng	99
8) 2-Chlorophenol	6.66	128	257025	38.718	ng	100
9) Benzaldehyde	6.42	77	89536	16.202	ng	93
10) Phenol	6.52	94	324868	39.992	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	231683	33.955	ng	97
12) 1,3-Dichlorobenzene	6.82	146	280770	36.685	ng	97
13) 1,4-Dichlorobenzene	6.89	146	285831	36.899	ng	96
14) 1,2-Dichlorobenzene	7.05	146	269783	37.668	ng	96
15) Benzyl Alcohol	7.02	79	220456	36.504	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	410737	37.637	ng	98
17) 2-Methylphenol	7.12	107	218042	38.435	ng	98
18) Hexachloroethane	7.38	117	94143	36.860	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	173695	32.367	ng	96
20) 3+4-Methylphenols	7.27	107	269299	37.513	ng	# 85
22) Acetophenone	7.28	105	341801	35.150	ng	96
24) Nitrobenzene	7.46	77	258784	41.685	ng	96
25) Isophorone	7.69	82	484652	38.237	ng	99
26) 2-Nitrophenol	7.77	139	146320	50.015	ng	94
27) 2,4-Dimethylphenol	7.80	122	244340	43.003	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	308714	37.235	ng	99
29) 2,4-Dichlorophenol	8.01	162	233524	43.052	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	235681	40.168	ng	94
31) Naphthalene	8.17	128	735622	38.300	ng	99
32) Benzoic acid	7.87	122	18565	12.805	ng	97
33) 4-Chloroaniline	8.22	127	89185	11.155	ng	96
34) Hexachlorobutadiene	8.29	225	133886	38.378	ng	99
35) Caprolactam	8.60	113	67172m	36.085	ng	
36) 4-Chloro-3-methylphenol	8.70	107	238107	40.872	ng	96
37) 2-Methylnaphthalene	8.87	142	507640	39.810	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233693	37.880	ng	97
40) Hexachlorocyclopentadiene	9.02	237	229766	79.132	ng	100

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Quant Time: Nov 21 04:39:36 2017
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 QLast Update : Fri Nov 17 15:22:08 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	174500	44.629	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	181056	44.693	ng	# 92
45) 1,1'-Biphenyl	9.33	154	605187	37.616	ng	98
46) 2-Chloronaphthalene	9.36	162	483237	41.402	ng	96
47) 2-Nitroaniline	9.45	65	146687	42.850	ng	98
48) Acenaphthylene	9.77	152	737032	38.104	ng	100
49) Dimethylphthalate	9.63	163	632198	44.512	ng	100
50) 2,6-Dinitrotoluene	9.70	165	127638	45.401	ng	# 85
51) Acenaphthene	9.95	154	450174	38.267	ng	100
52) 3-Nitroaniline	9.86	138	88993	26.807	ng	94
53) 2,4-Dinitrophenol	9.97	184	72601	65.165	ng	# 15
54) Dibenzofuran	10.12	168	663385	40.235	ng	99
55) 4-Nitrophenol	10.03	139	206218	76.501	ng	90
56) 2,4-Dinitrotoluene	10.10	165	171121	48.249	ng	# 80
57) Fluorene	10.46	166	530747	43.941	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	147621	44.462	ng	# 85
59) Diethylphthalate	10.33	149	536720	37.763	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	240471	40.584	ng	91
61) 4-Nitroaniline	10.48	138	138158	43.889	ng	87
62) Azobenzene	10.61	77	477030	35.635	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	82633	45.759	ng	75
65) n-Nitrosodiphenylamine	10.57	169	481180	38.281	ng	97
66) 4-Bromophenyl-phenylether	10.94	248	156971	40.506	ng	# 88
67) Hexachlorobenzene	11.01	284	162817	40.172	ng	# 81
68) Atrazine	11.10	200	154047	40.487	ng	96
69) Pentachlorophenol	11.20	266	185831	63.942	ng	96
70) Phenanthrene	11.42	178	764980	40.192	ng	98
71) Anthracene	11.47	178	837927	43.393	ng	100
72) Carbazole	11.63	167	700351	39.306	ng	98
73) Di-n-butylphthalate	11.95	149	820534	39.352	ng	99
74) Fluoranthene	12.61	202	1002313	49.689	ng	98
76) Benzidine	12.73	184	180752	19.488	ng	98
77) Pyrene	12.84	202	969389	58.719	ng	100
79) Butylbenzylphthalate	13.45	149	304267	45.193	ng	# 90
80) Benzo(a)anthracene	14.02	228	653495	46.857	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	98206	19.654	ng	# 97
82) Chrysene	14.06	228	597919	44.273	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	389303	43.964	ng	99
84) Di-n-octyl phthalate	14.62	149	539915	35.492	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	582614	53.335	ng	94
87) Benzo(b)fluoranthene	15.07	252	497634	42.215	ng	99
88) Benzo(k)fluoranthene	15.10	252	461465	41.431	ng	98
89) Benzo(a)pyrene	15.44	252	475103	45.462	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	446411	52.232	ng	97
91) Benzo(g,h,i)perylene	17.44	276	514053	61.444	ng	93

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

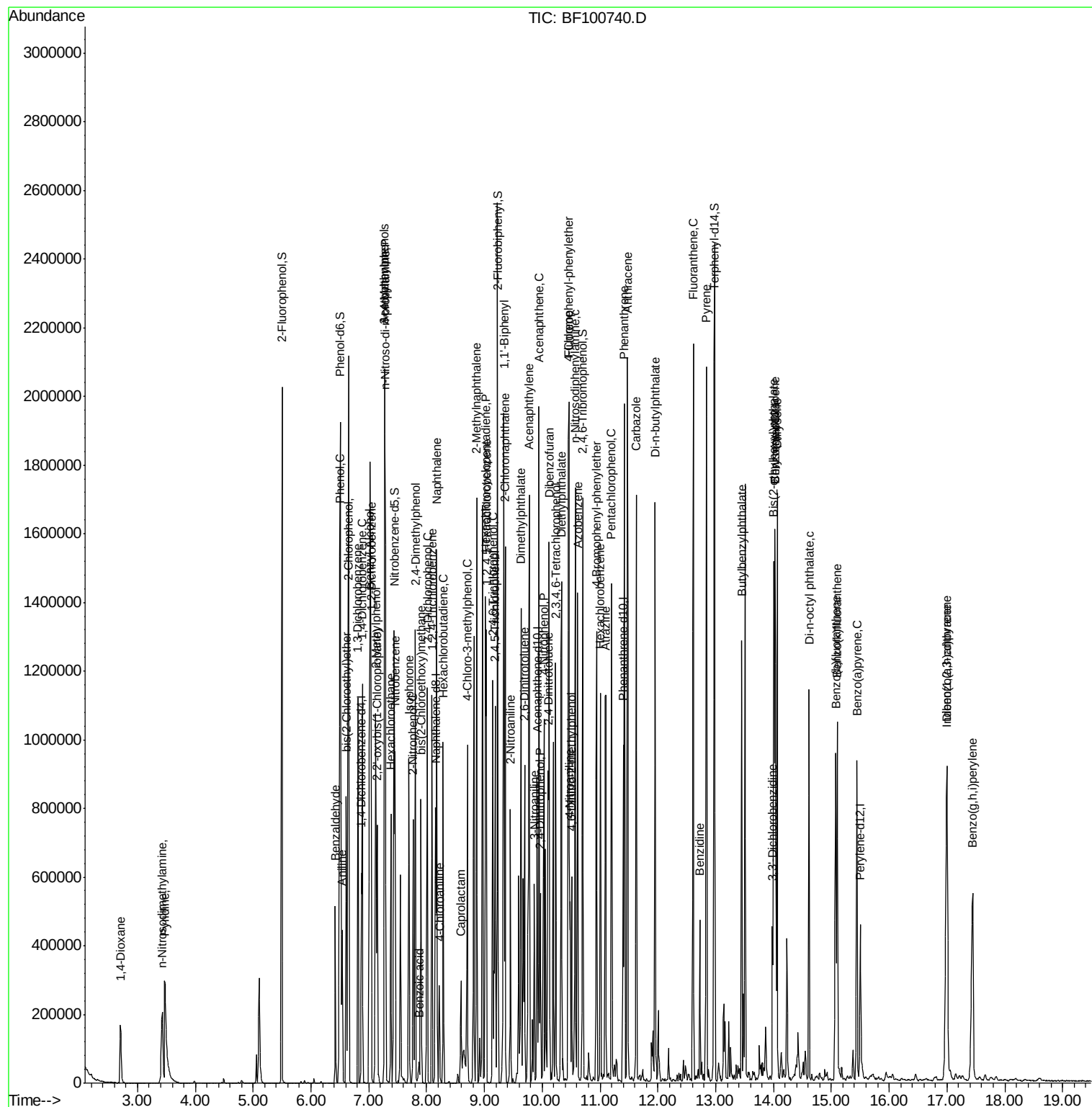
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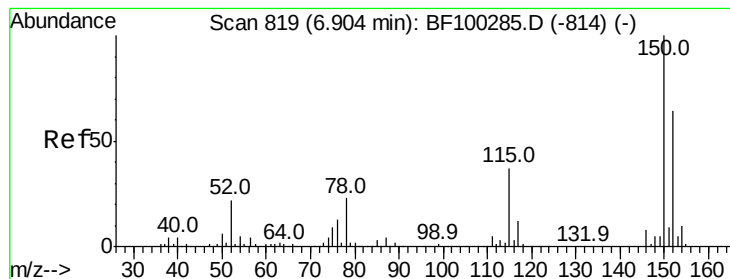
Instrument :
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#1

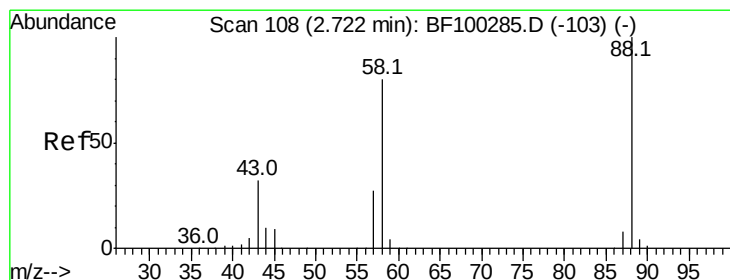
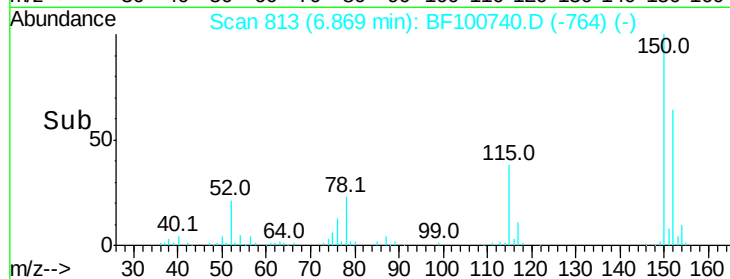
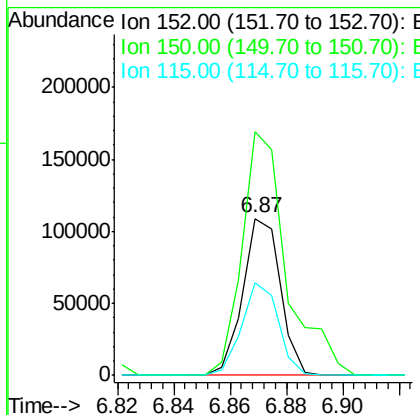
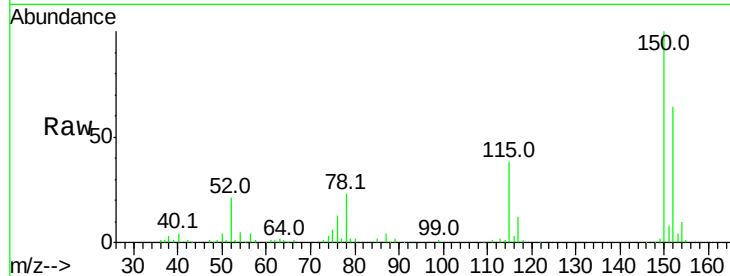
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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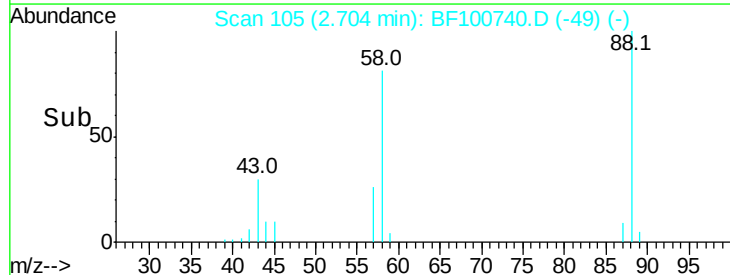
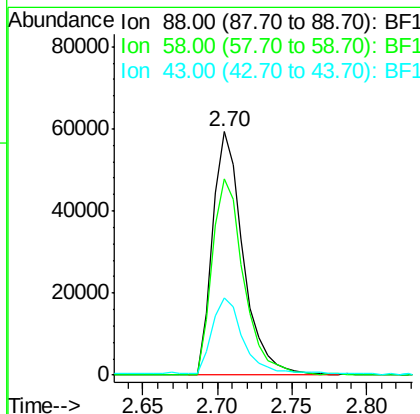
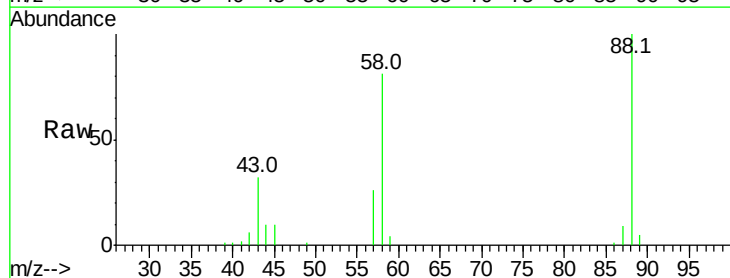
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11/21/2017 2:15:31 PM

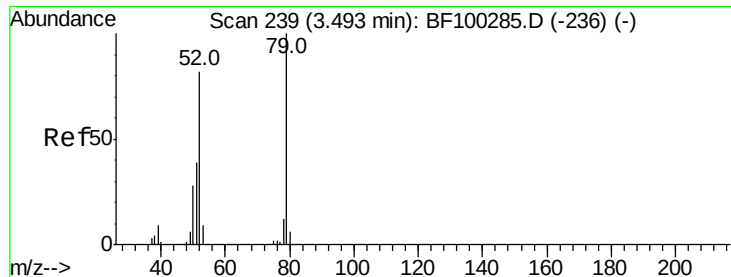


#2

1,4-Dioxane
Concen: 27.729 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.03 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	31.2	24.6	37.0





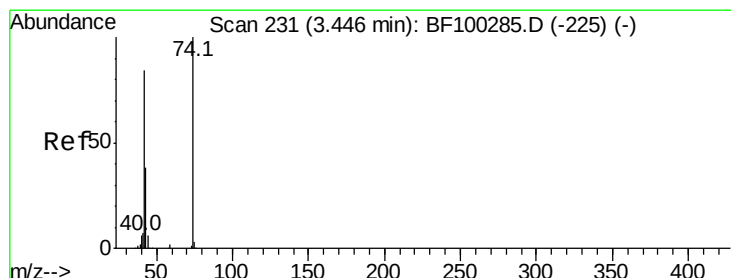
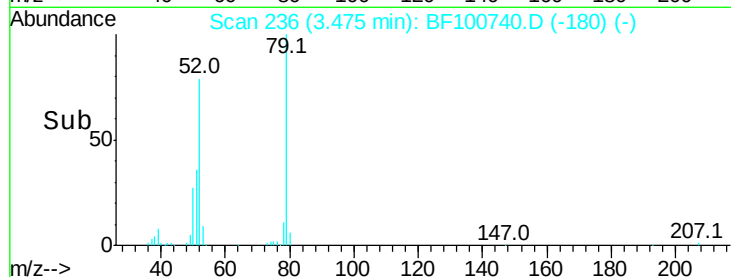
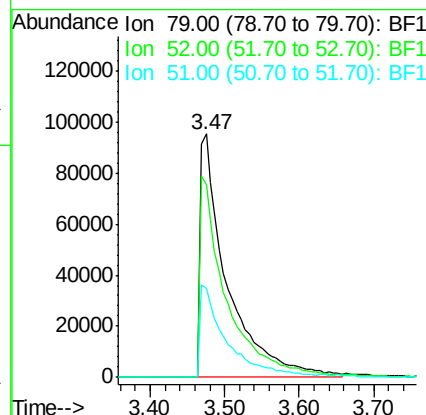
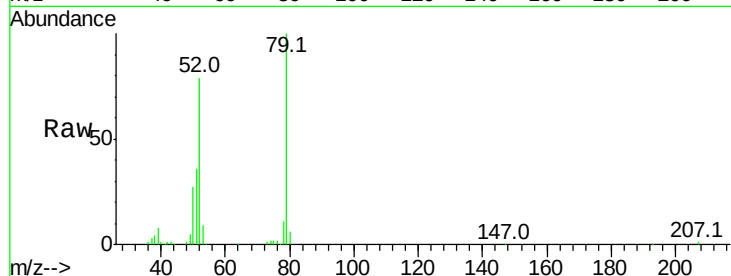
#3
 Pvridine
 Concen: 28.665 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.03 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	59.8	89.6
51	36.3	29.8	44.8

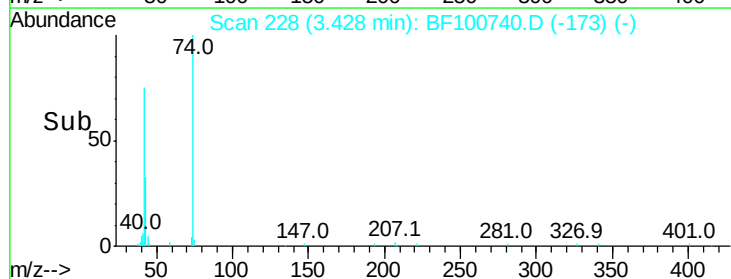
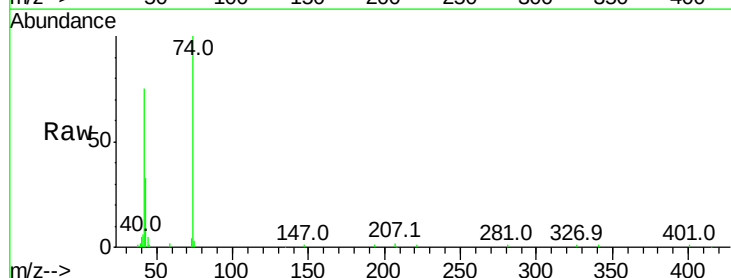
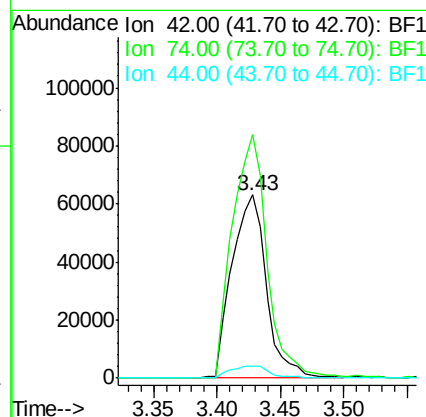
Manual Integrations
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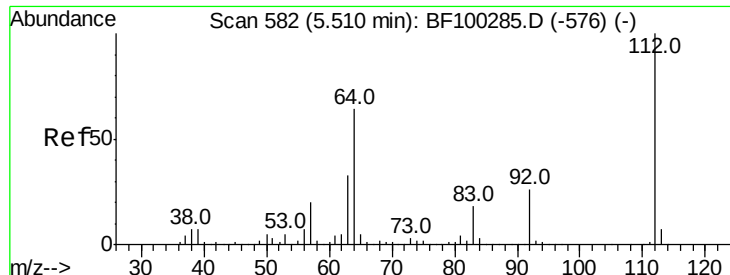
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#4
 n-Nitrosodimethylamine
 Concen: 29.500 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.02 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.9	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 103.425 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

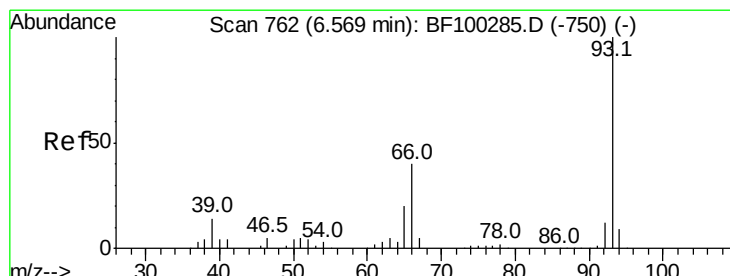
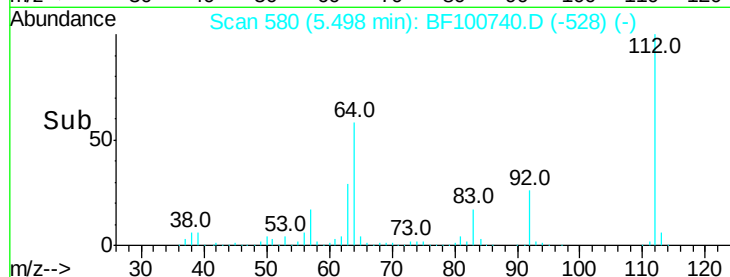
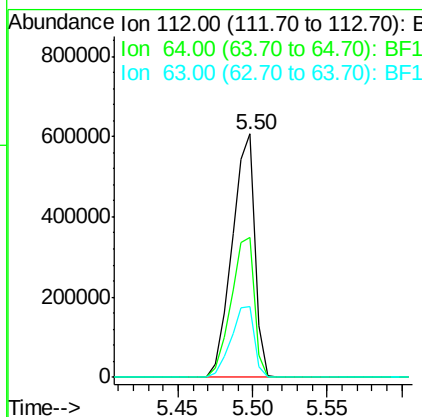
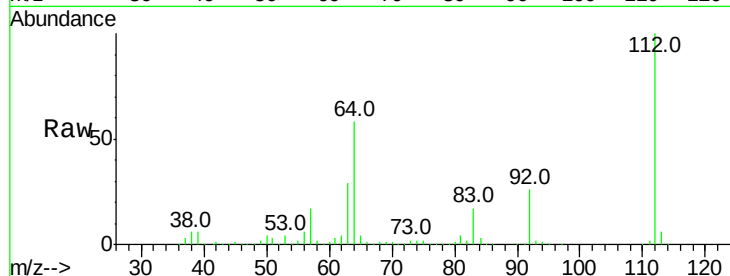
ClientSampleId :

MH-(0-12)MS

Tot Ion:	112	Resp:	649003
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.9	71.9
63	29.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.790 ng

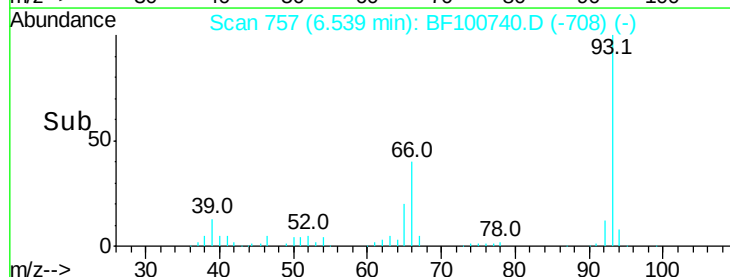
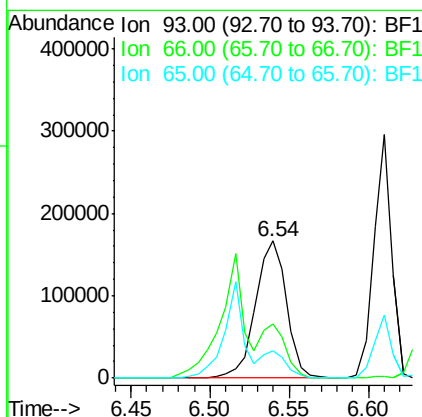
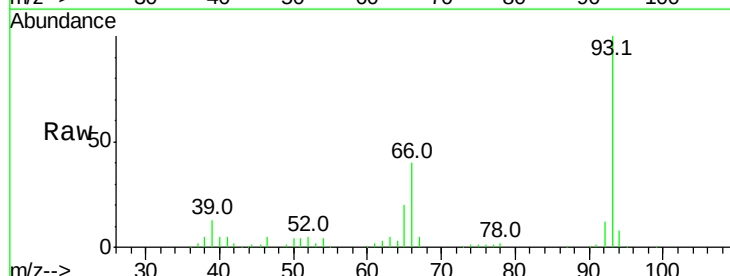
RT: 6.54 min Scan# 757

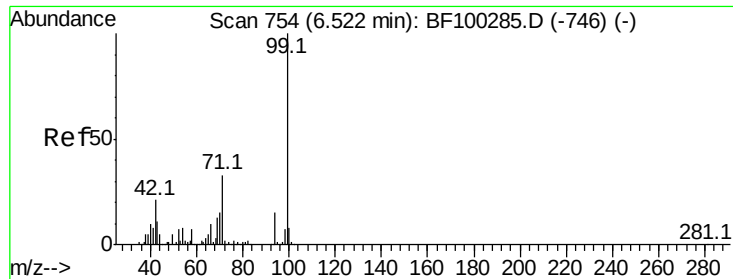
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	93	Resp:	227276
Ion Ratio	Lower	Upper	
93	100		
66	39.8	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 102.425 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

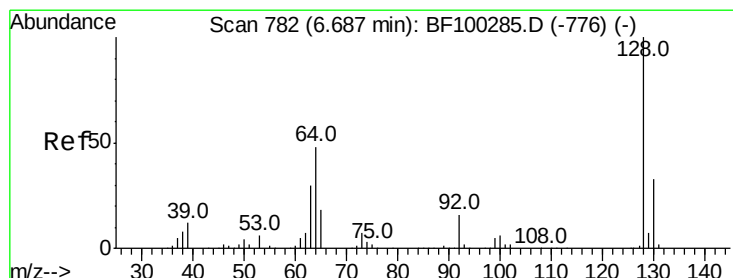
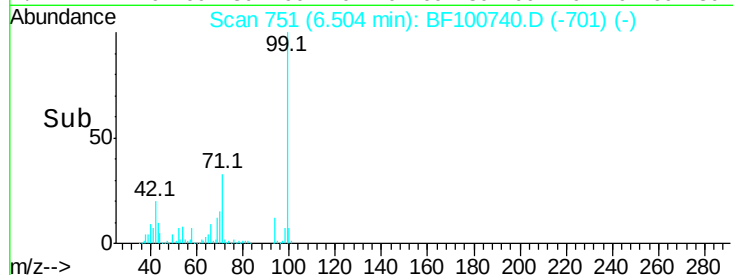
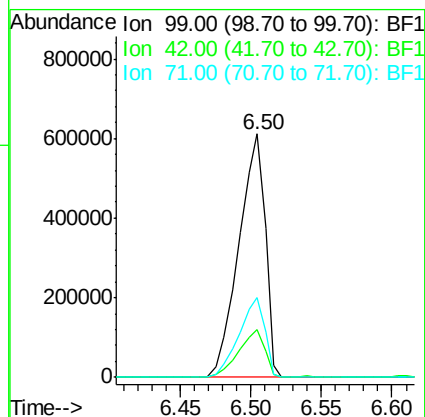
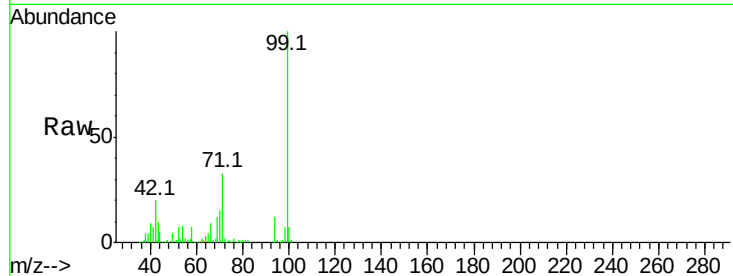
ClientSampleId :

MH-(0-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		792566		
42	19.6	14.5	21.7		
71	32.9	25.4	38.0		

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.718 ng

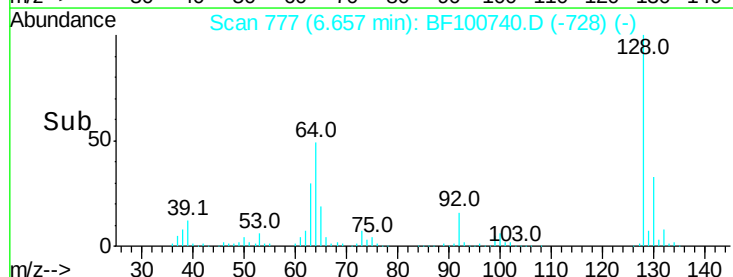
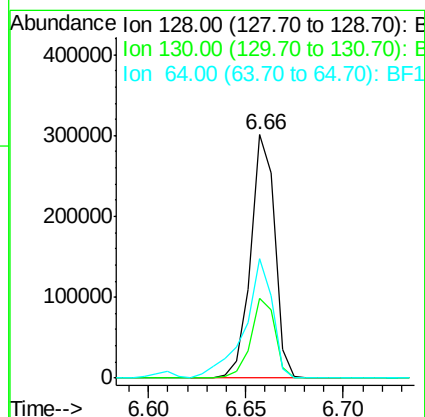
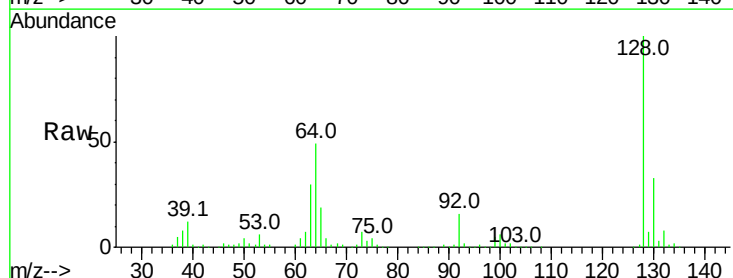
RT: 6.66 min Scan# 777

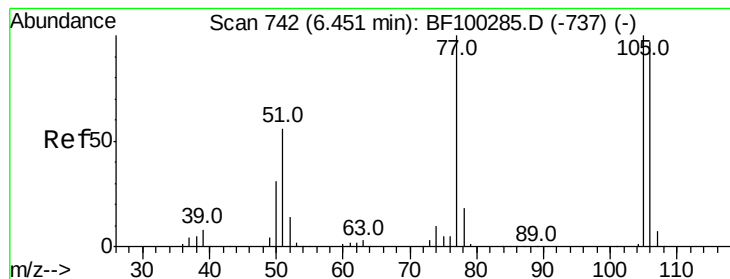
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257025		
130	32.9	13.0	53.0		
64	49.0	29.4	69.4		





#9

Benzaldehyde

Concen: 16.202 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Tot Ion: 77 Resp: 89536

Ion Ratio Lower Upper

77 100

105 108.5 81.1 121.1

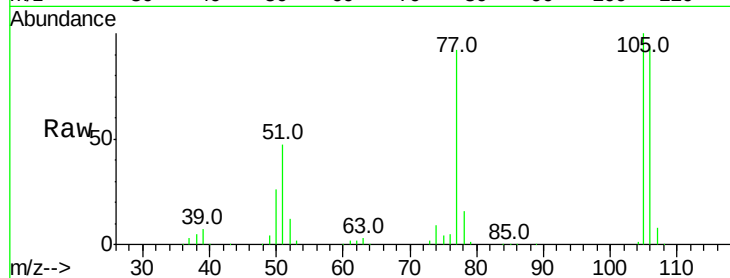
106 100.8 74.5 114.5

Manual Integrations

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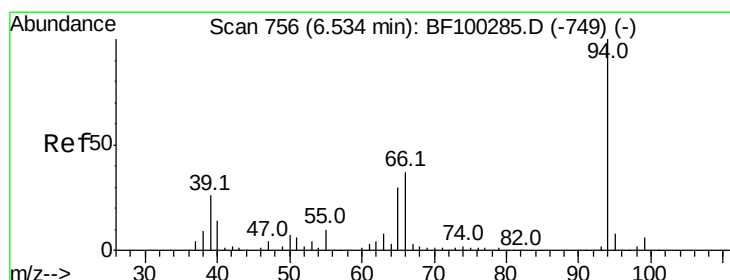
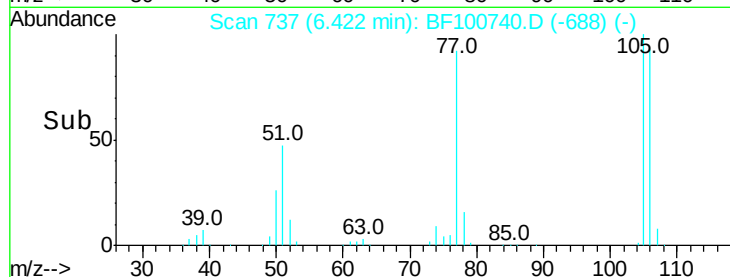
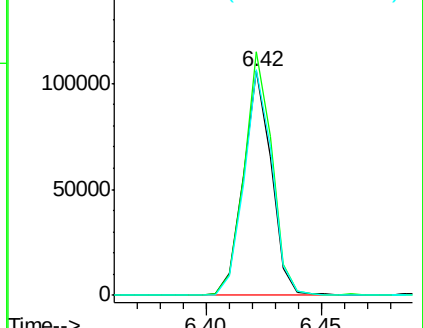
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.992 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

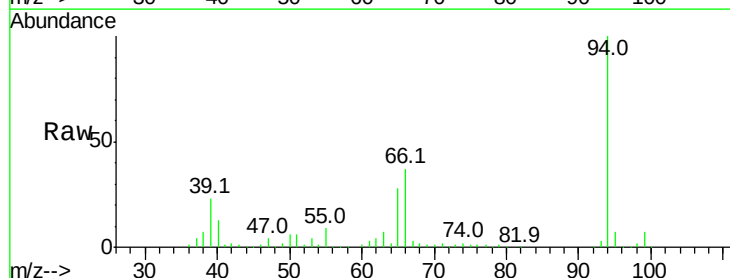
Tgt Ion: 94 Resp: 324868

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

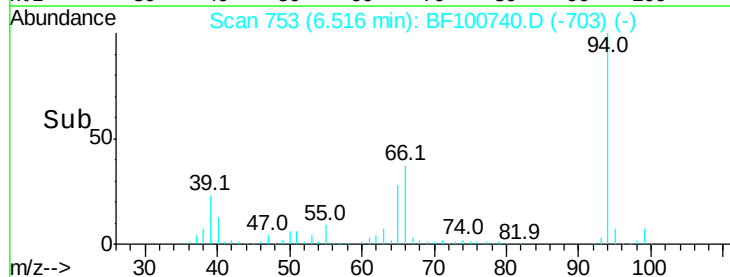
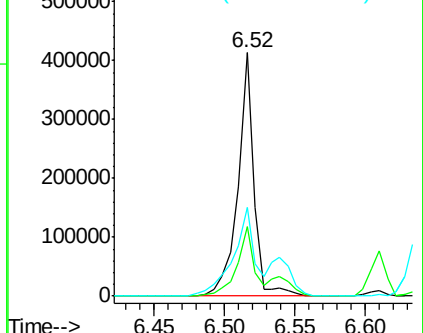
66 36.5 16.2 56.2

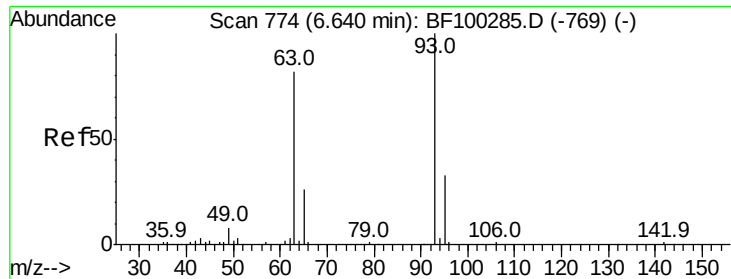


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.955 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

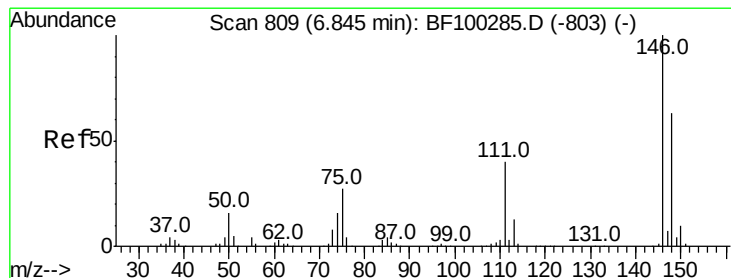
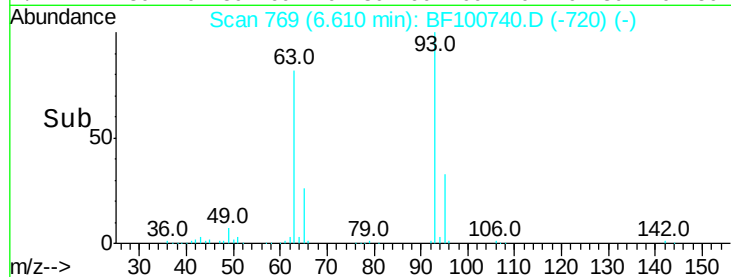
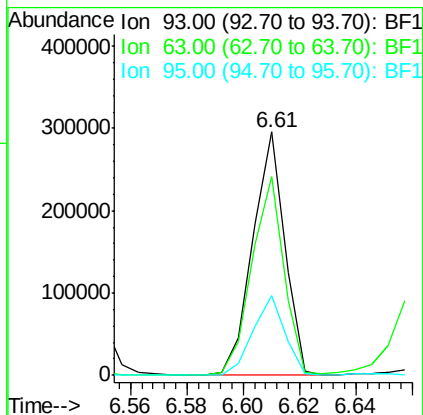
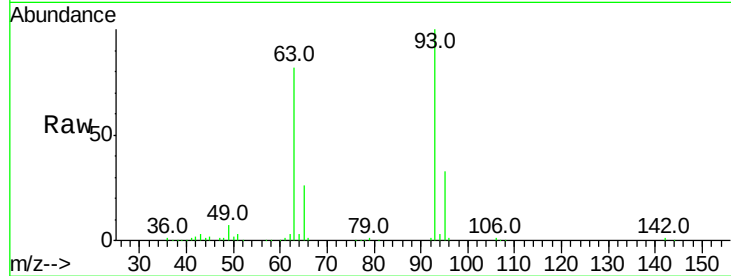
ClientSampleId :

MH-(0-12)MS

Tot Ion:	93	Resp:	231683
Ion Ratio	Lower	Upper	
93	100		
63	81.9	58.6	98.6
95	33.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.685 ng

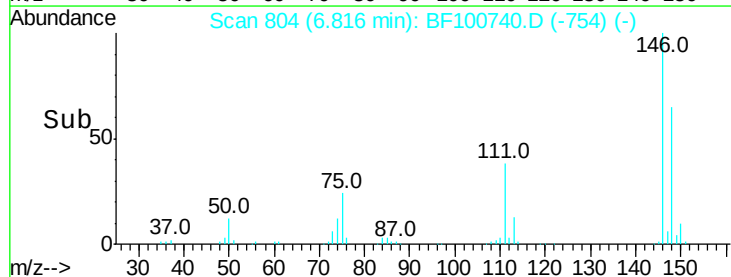
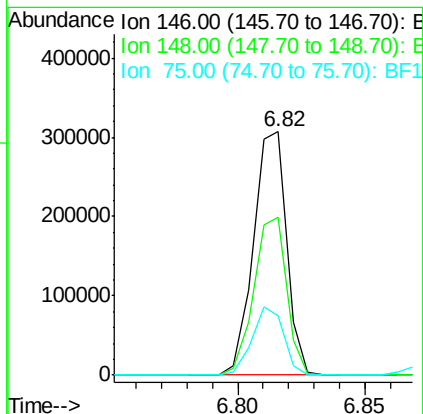
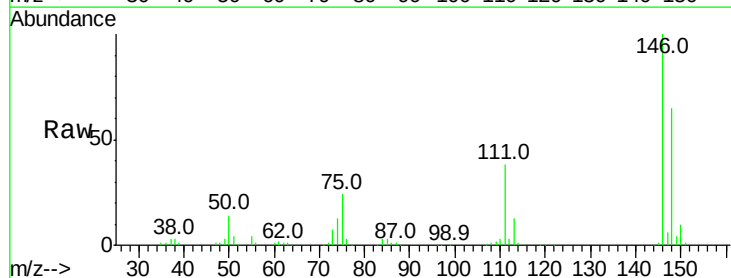
RT: 6.82 min Scan# 804

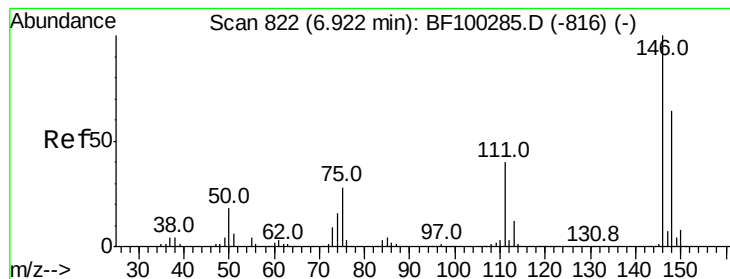
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	146	Resp:	280770
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
75	24.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.899 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

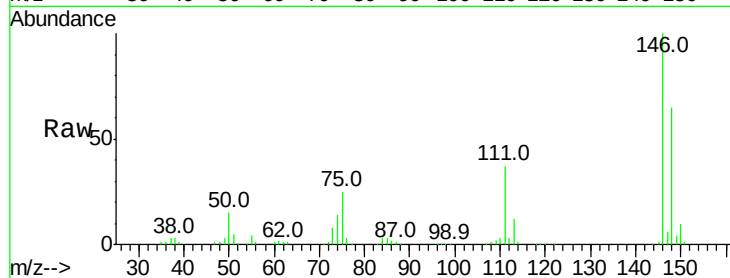
ClientSampleId :

MH-(0-12)MS

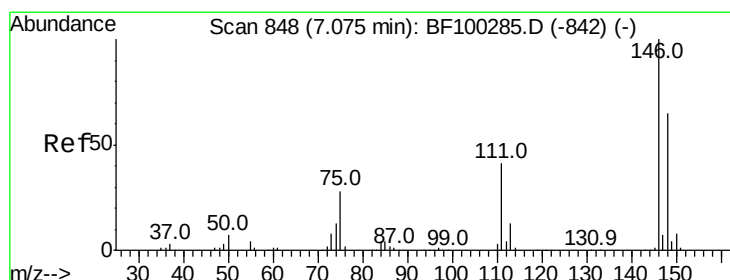
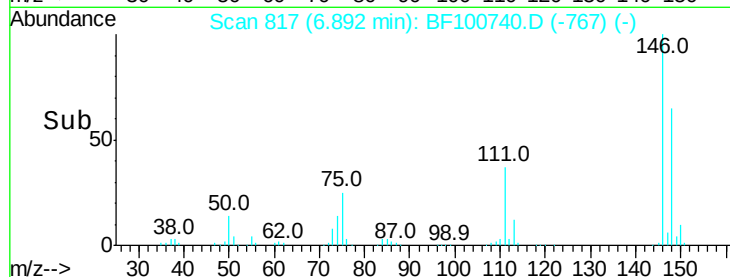
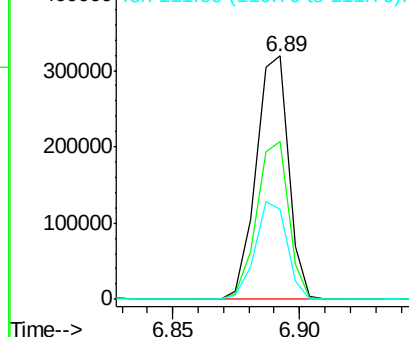
Tot Ion:	146	Resp:	285831
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.8	76.2
111	37.2	34.2	51.2

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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: 37.668 ng

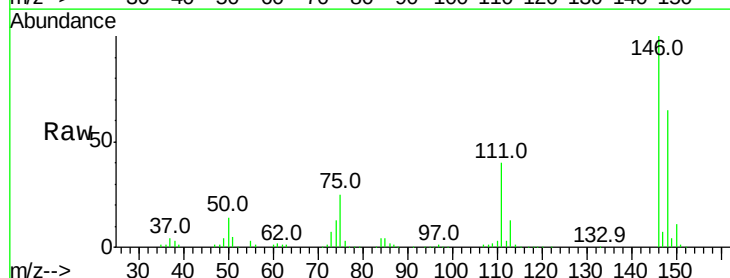
RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

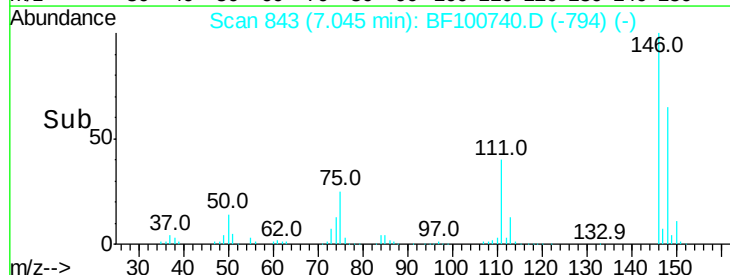
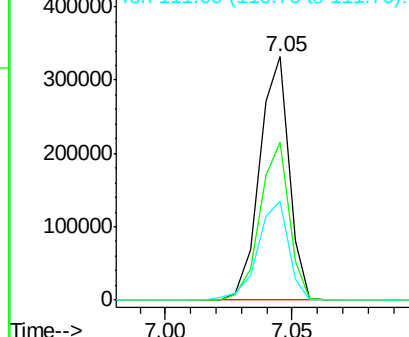
Lab File: BF100740.D

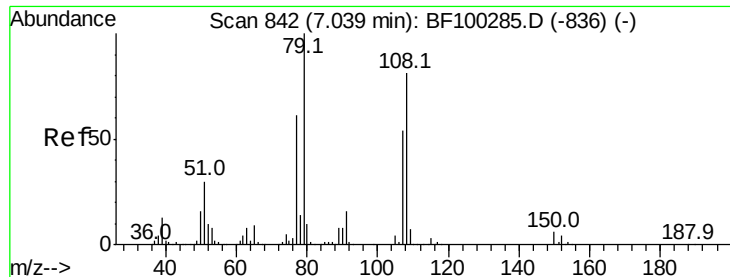
Acq: 20 Nov 2017 19:53

Tgt Ion:	146	Resp:	269783
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.6	75.8
111	40.4	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.504 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

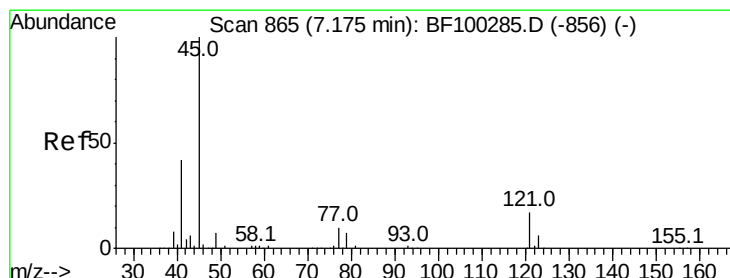
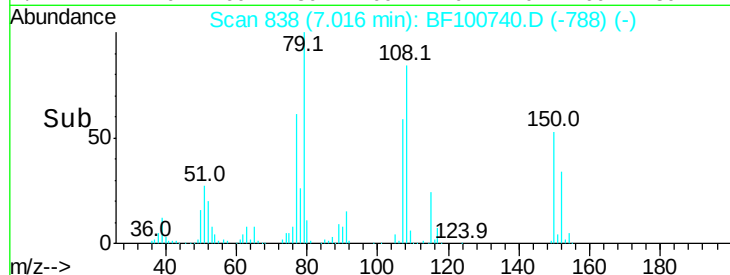
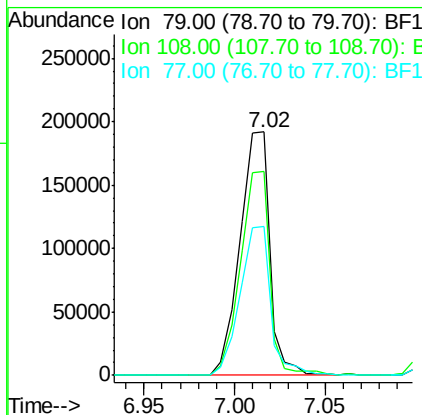
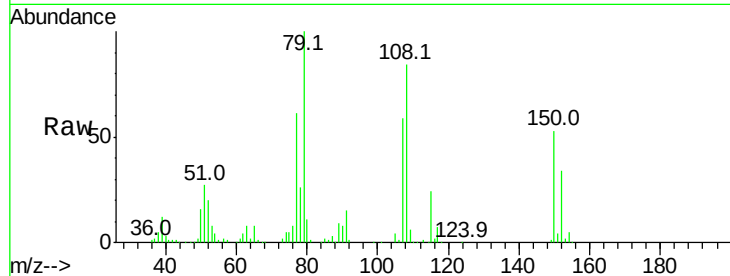
ClientSampleId :

MH-(0-12)MS

Tot Ion:	79	Resp:	220456
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	61.0	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.637 ng

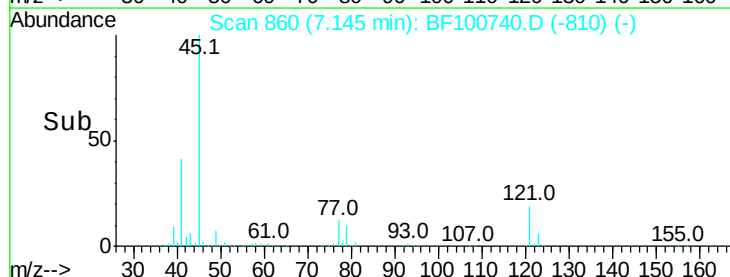
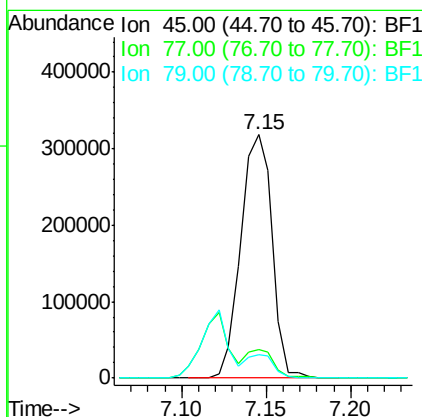
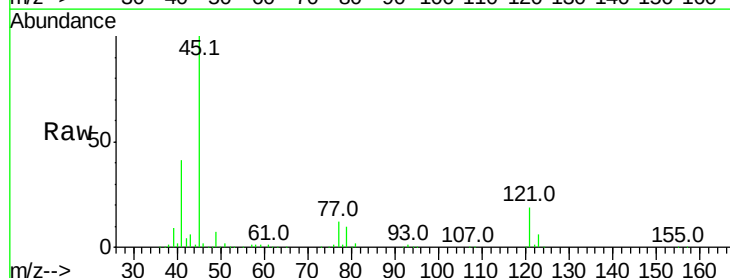
RT: 7.15 min Scan# 860

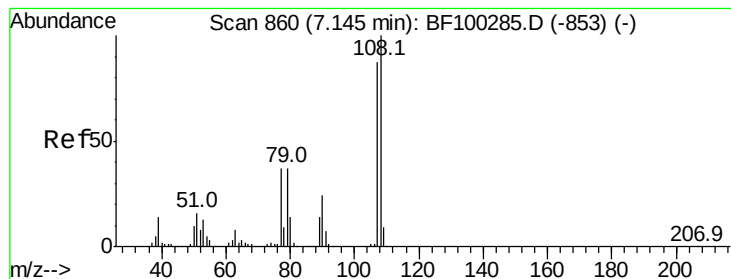
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	45	Resp:	410737
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	32.9
79	9.7	0.0	29.6





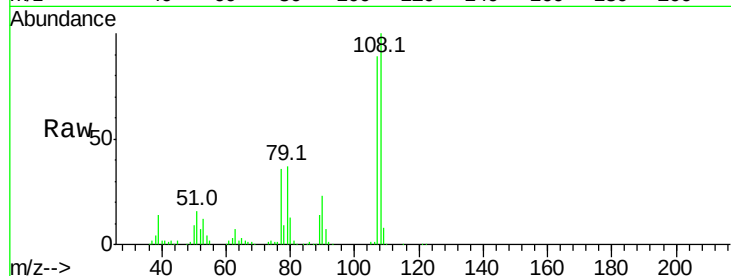
#17
2-Methylphenol
Concen: 38.435 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

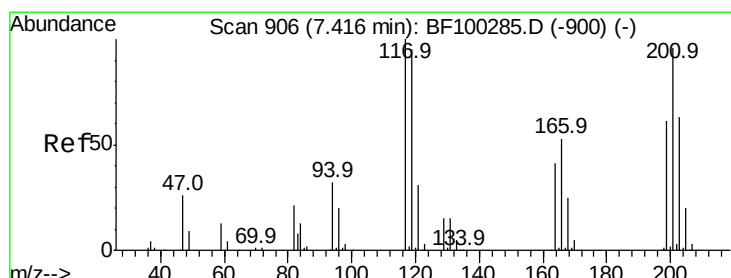
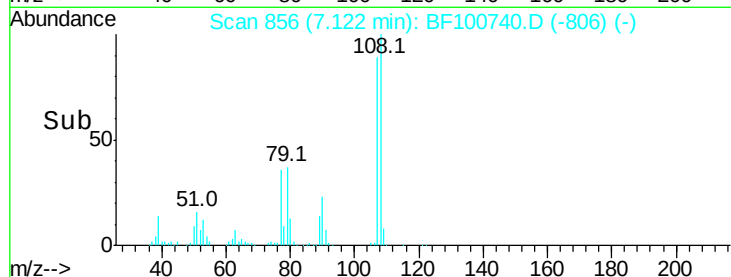
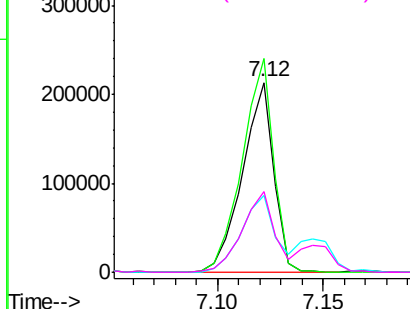
Tot Ion	107	Resp	218042
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	40.6	33.8	50.8
79	42.2	33.8	50.8

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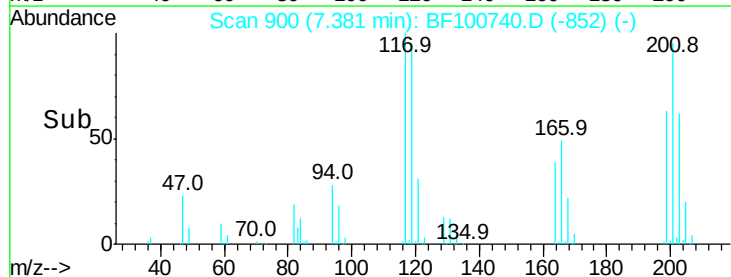
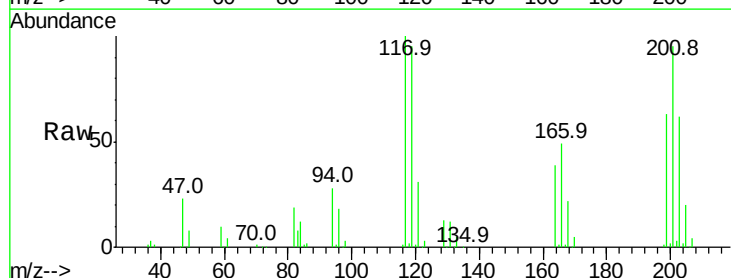
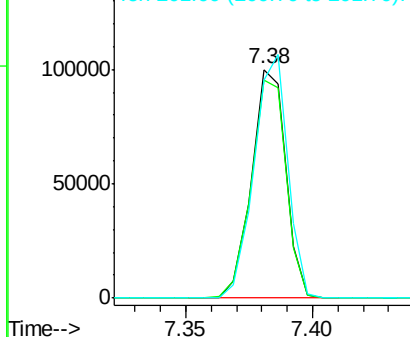
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

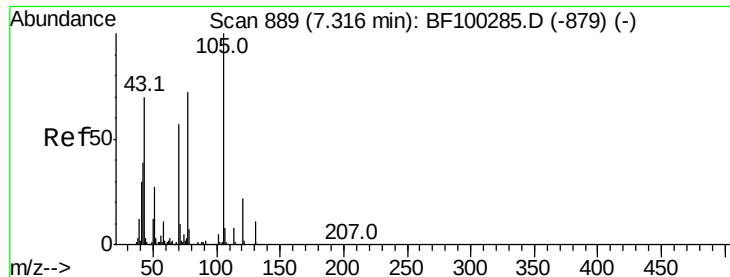


#18
Hexachloroethane
Concen: 36.860 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	117	Resp	94143
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.8	113.8
201	95.2	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





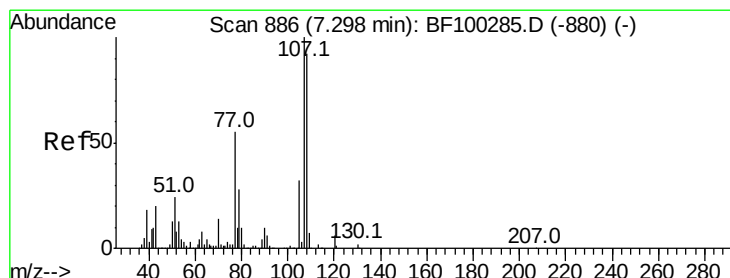
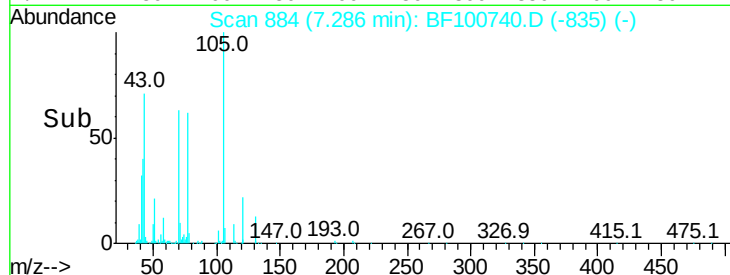
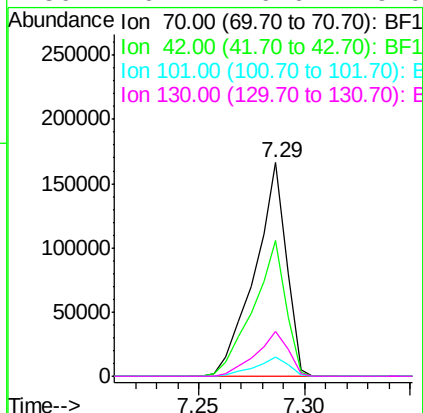
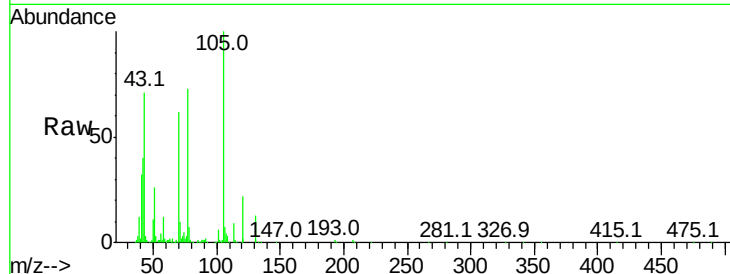
#19
n-Nitroso-di-n-propylamine
Concen: 32.367 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.5	71.3
101	9.2	7.4	11.2
130	20.7	16.6	25.0

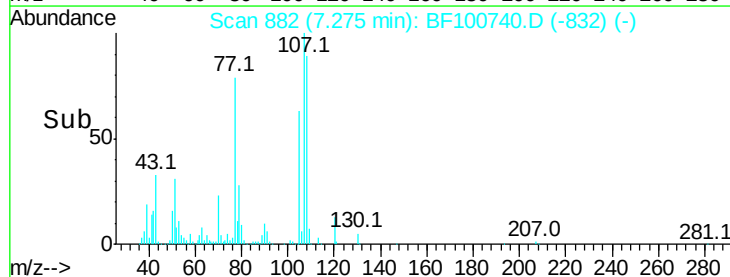
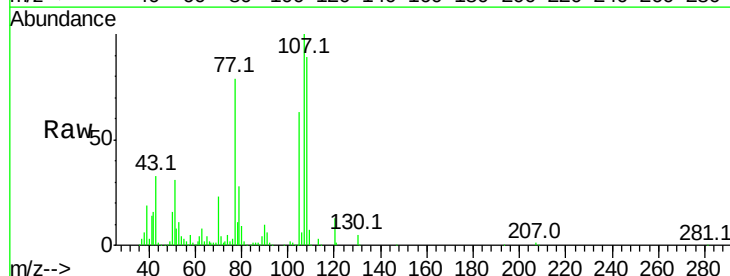
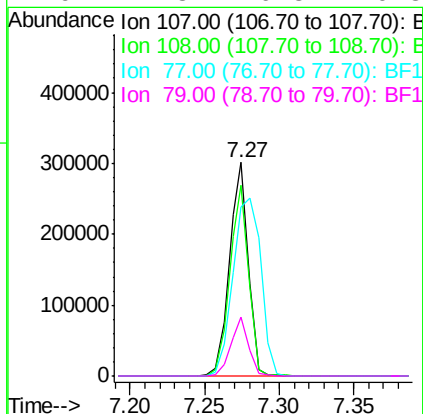
Manual Integrations
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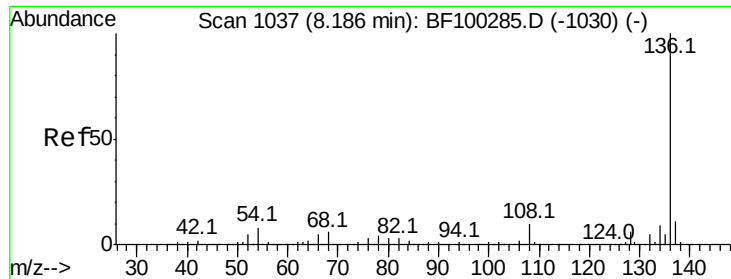
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#20
3+4-Methylphenols
Concen: 37.513 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	79.0	26.7	66.7#
79	27.8	6.3	46.3





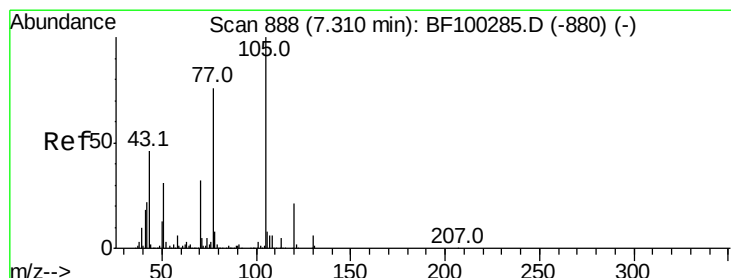
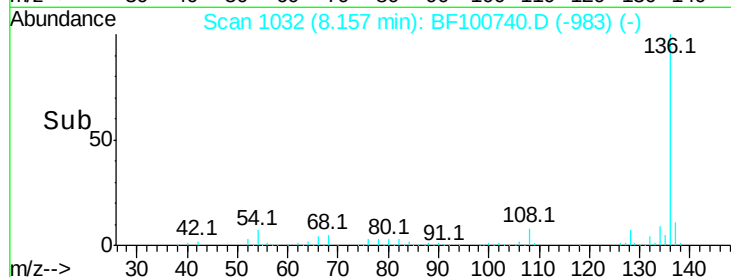
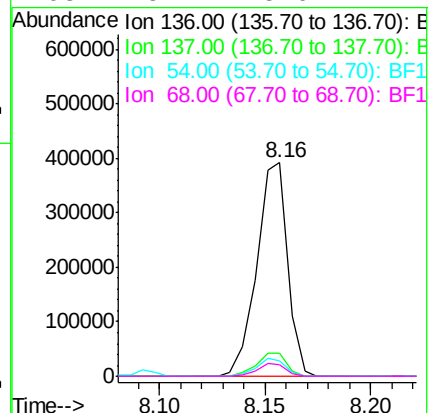
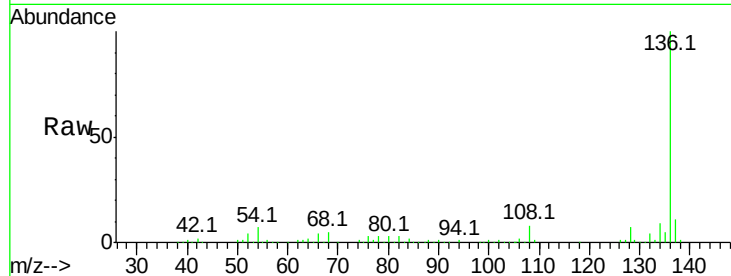
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.9	6.6	9.8	
68	5.2	5.0	7.4	

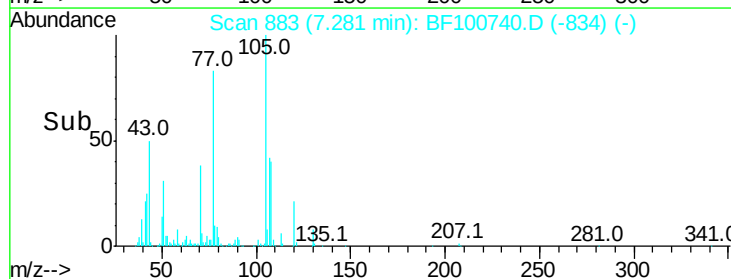
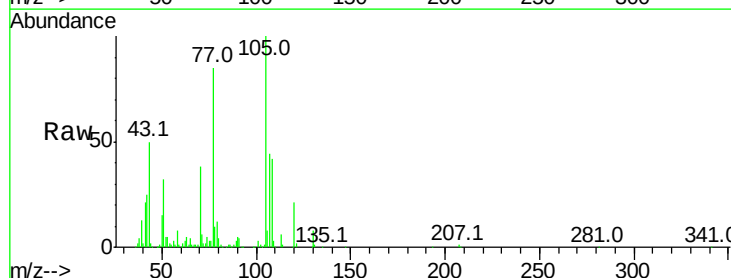
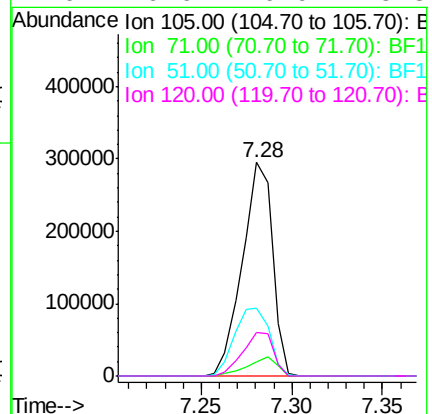
Manual Integrations
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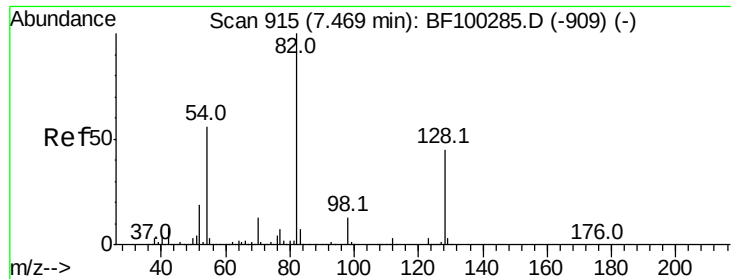
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#22
Acetophenone
Concen: 35.150 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	4.4	6.6	
51	31.6	22.3	33.5	
120	20.6	16.9	25.3	





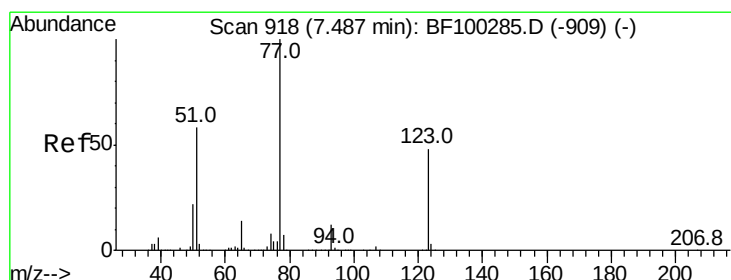
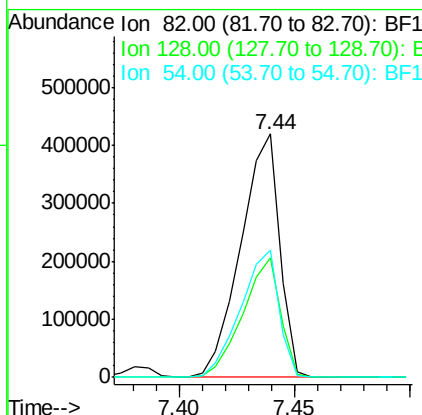
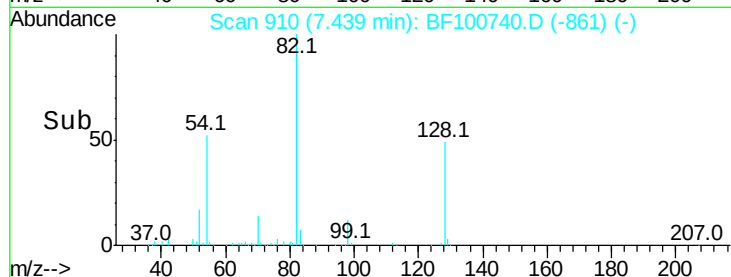
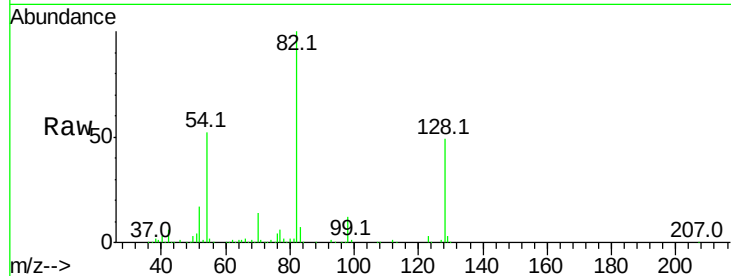
#23
 Nitrobenzene-d5
 Concen: 81.825 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	493538		
128	49.1	36.1	54.1	
54	52.4	41.4	62.2	

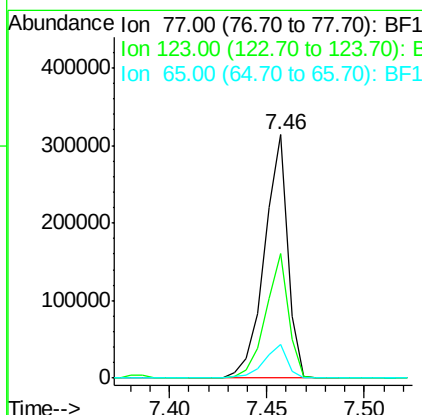
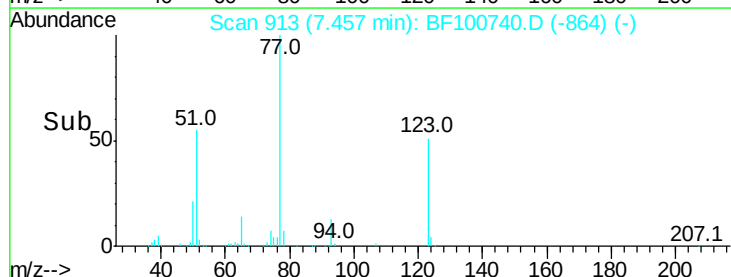
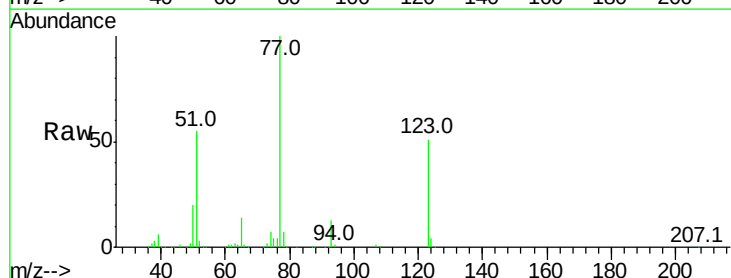
Manual Integrations
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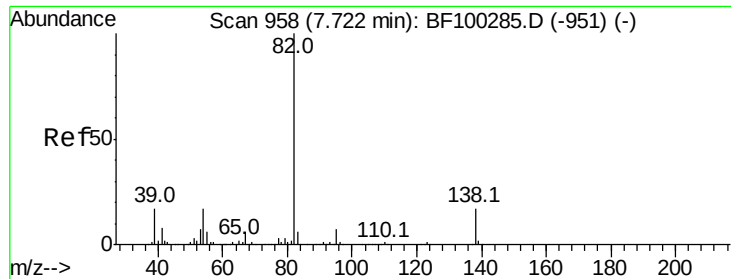
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#24
 Nitrobenzene
 Concen: 41.685 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	258784		
123	50.9	37.9	56.9	
65	13.8	11.0	16.4	





#25

Isophorone

Concen: 38.237 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

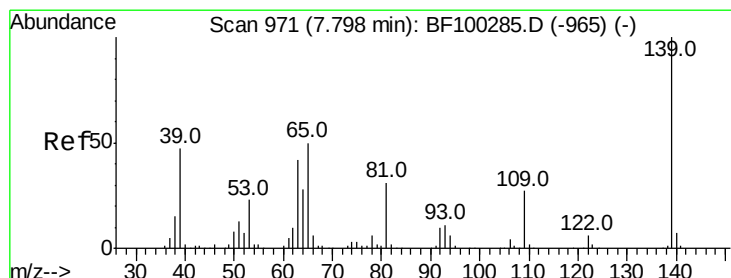
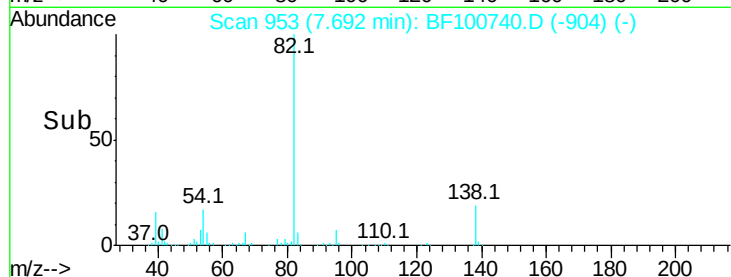
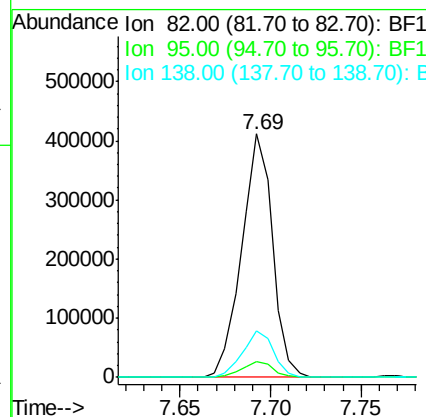
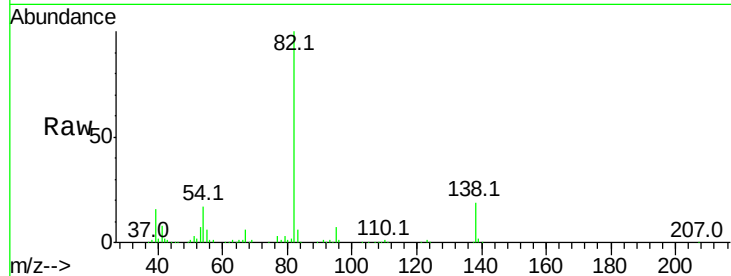
ClientSampled :

MH-(0-12)MS

Tot Ion:	82	Resp:	484652
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.015 ng

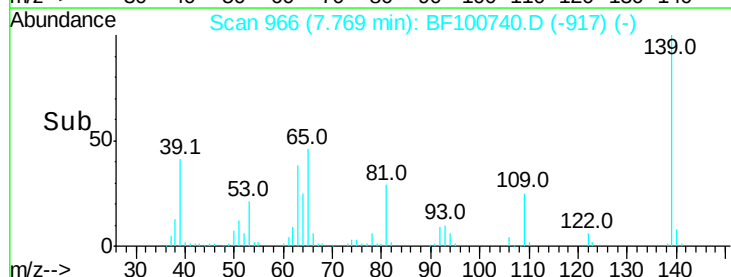
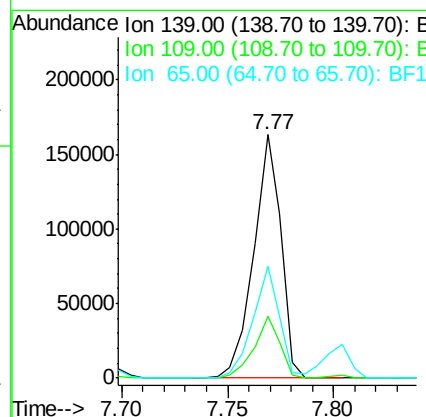
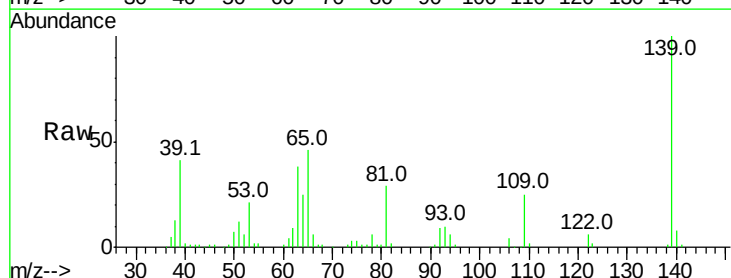
RT: 7.77 min Scan# 966

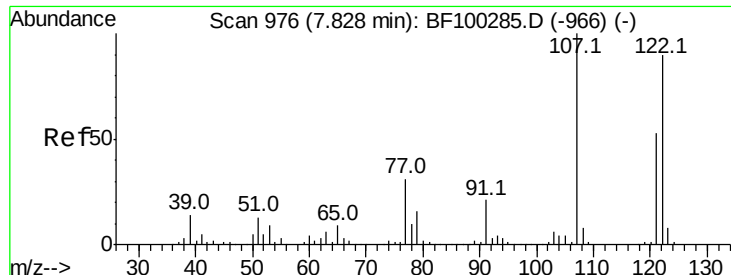
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	139	Resp:	146320
Ion Ratio	Lower	Upper	
139	100		
109	25.5	22.7	34.1
65	46.1	40.5	60.7





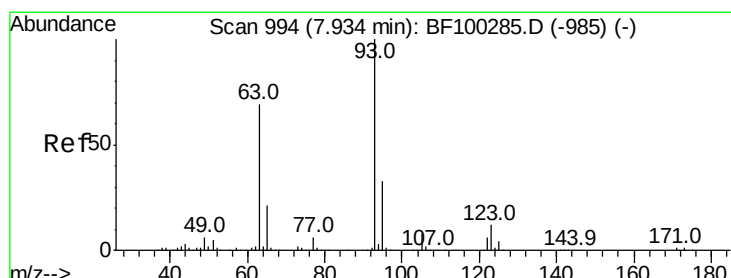
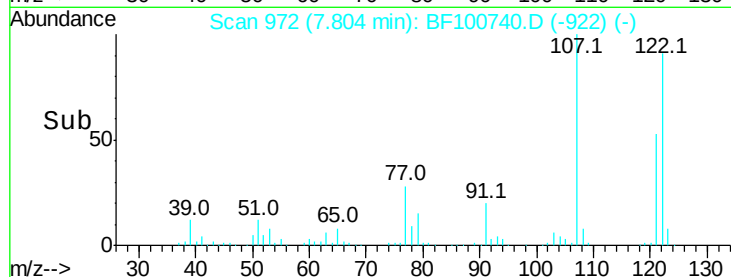
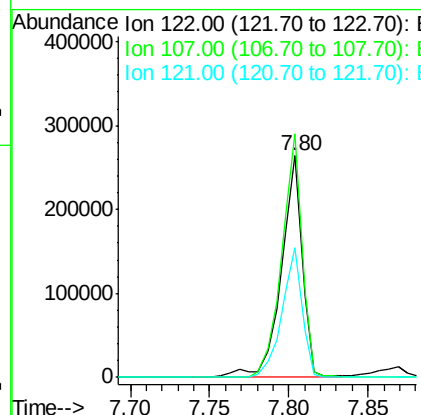
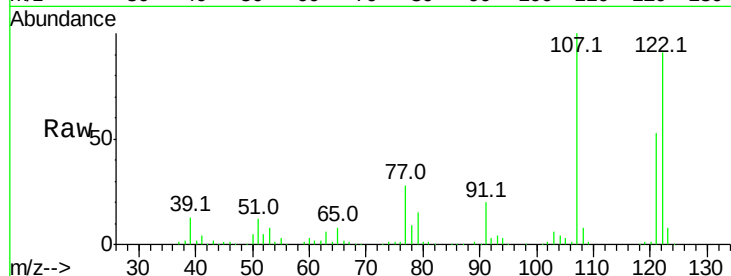
#27
 2,4-Dimethylphenol
 Concen: 43.003 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	244340		
107	110.0	91.2	136.8	
121	58.5	47.2	70.8	

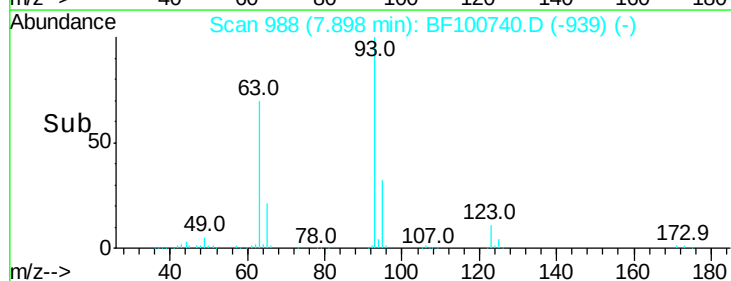
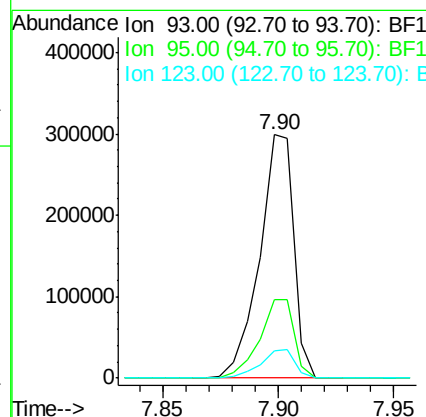
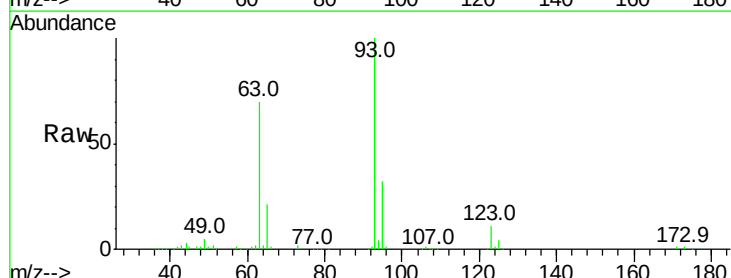
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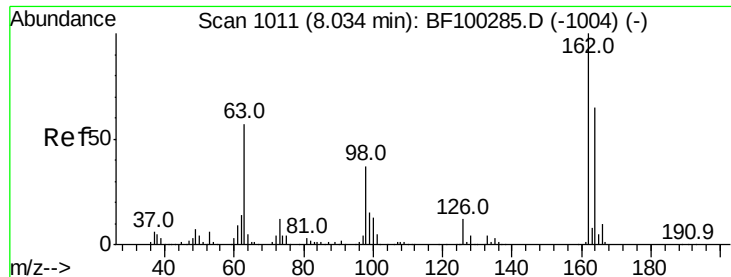
SOHIL
 11/21/2017 2:15:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.235 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	308714		
95	32.4	26.3	39.5	
123	11.2	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 43.052 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

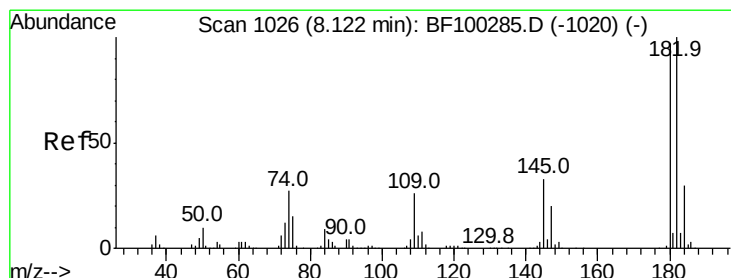
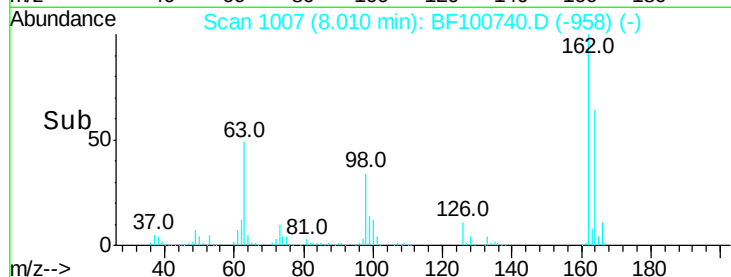
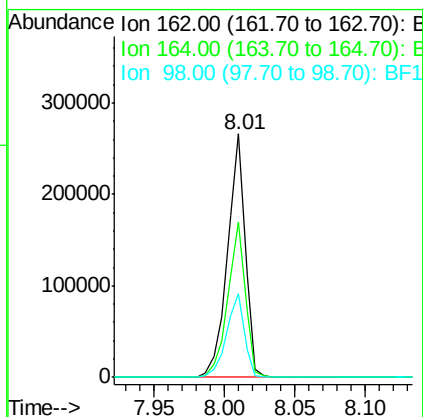
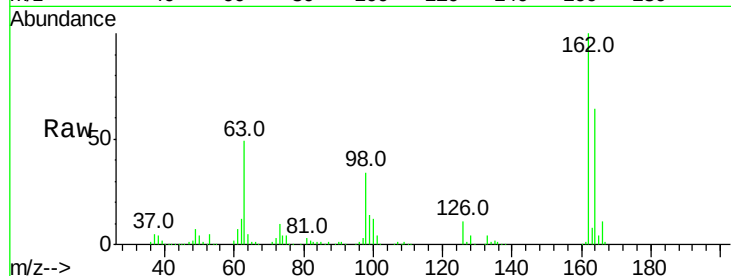
ClientSampleId :

MH-(0-12)MS

Tot Ion:	162	Resp:	233524
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	34.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 40.168 ng

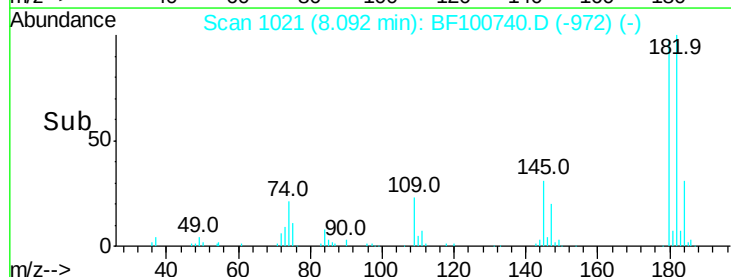
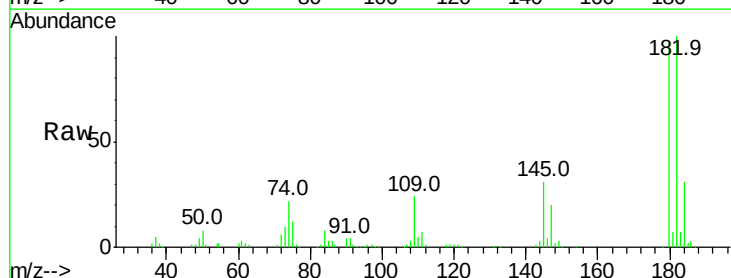
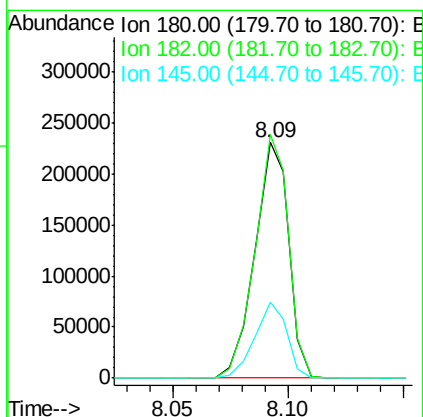
RT: 8.09 min Scan# 1021

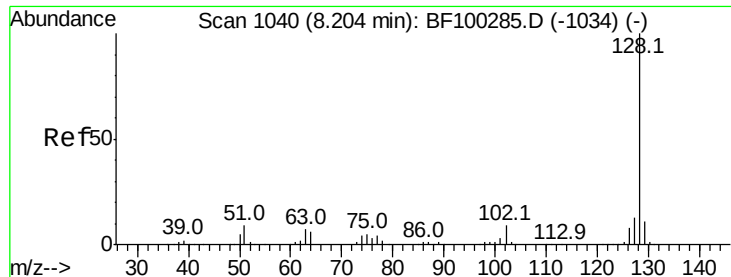
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	180	Resp:	235681
Ion Ratio	Lower	Upper	
180	100		
182	103.5	76.8	115.2
145	32.4	26.5	39.7





#31

Naphthalene

Concen: 38.300 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

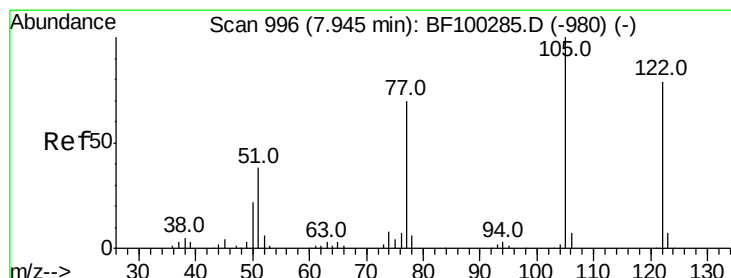
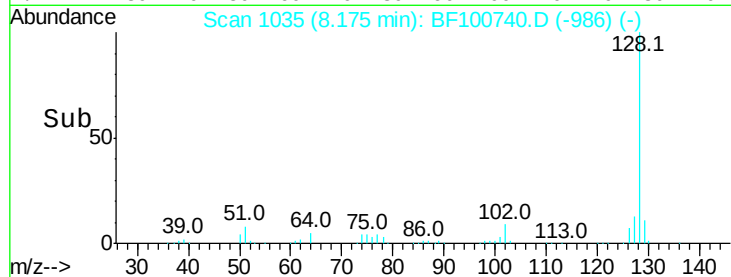
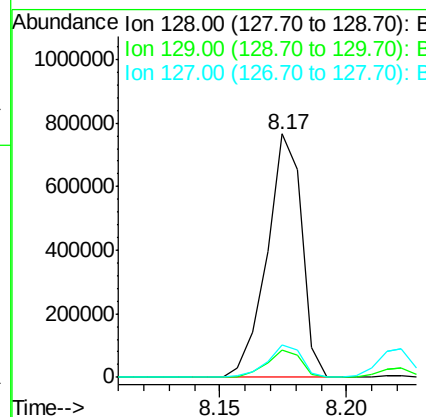
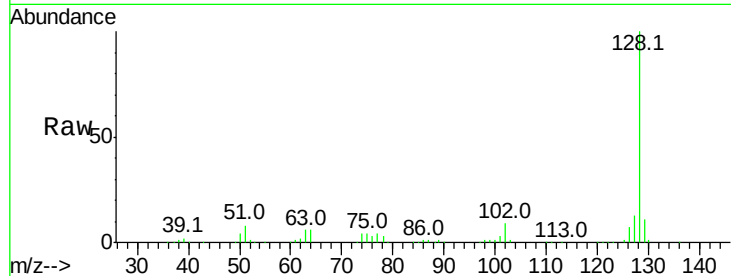
ClientSampleId :

MH-(0-12)MS

Tot Ion:	128	Resp:	735622
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 12.805 ng

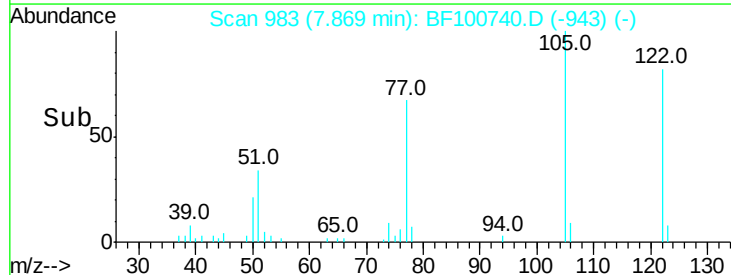
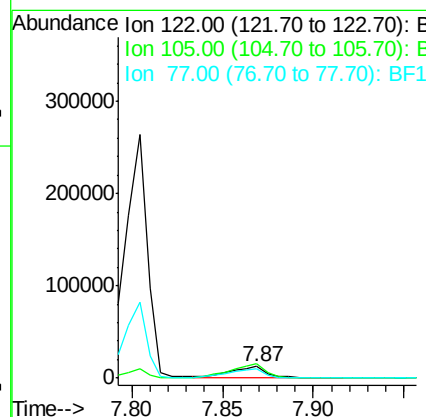
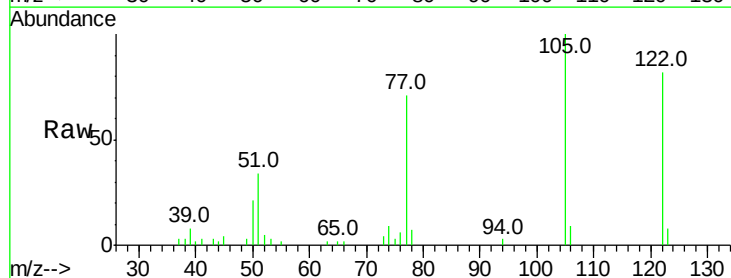
RT: 7.87 min Scan# 983

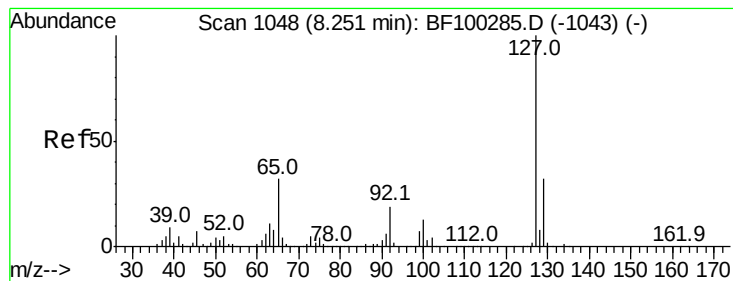
Delta R.T. -0.06 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	122	Resp:	18565
Ion Ratio	Lower	Upper	
122	100		
105	122.5	101.1	141.1
77	86.5	70.7	110.7





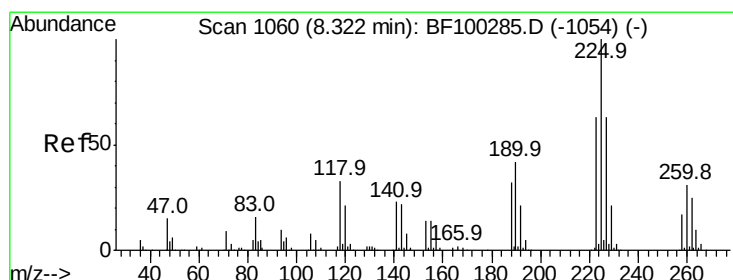
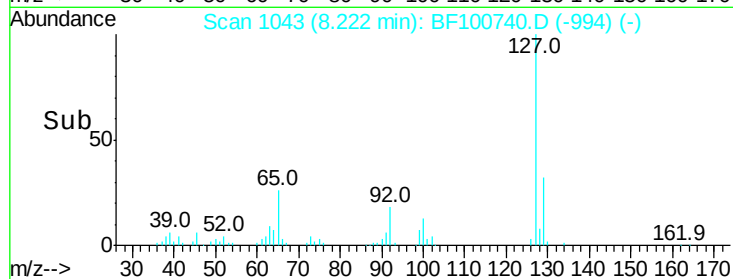
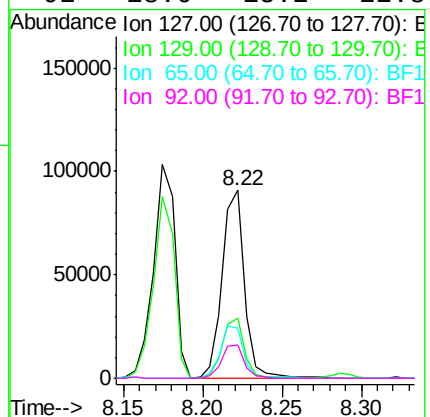
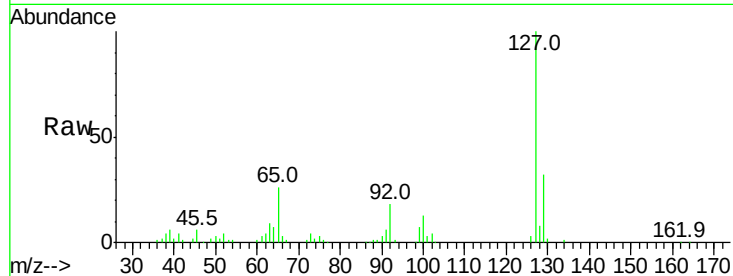
#33
4-Chloroaniline
Concen: 11.155 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	26.5	25.0	37.4		
92	18.0	15.2	22.8		

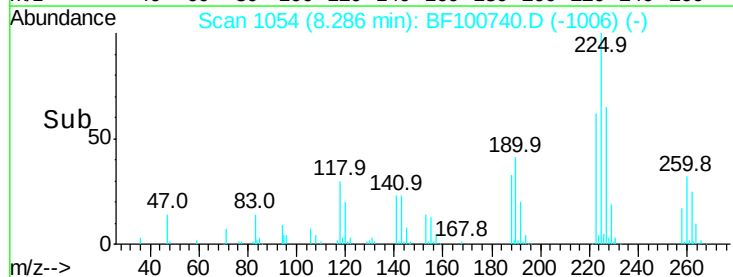
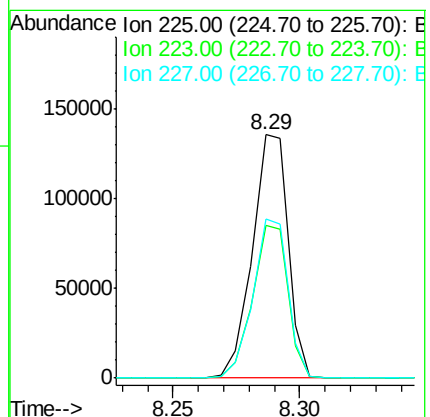
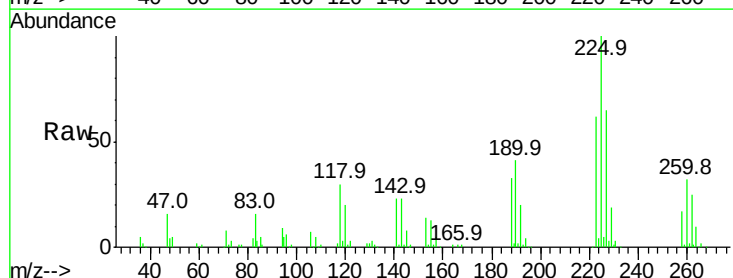
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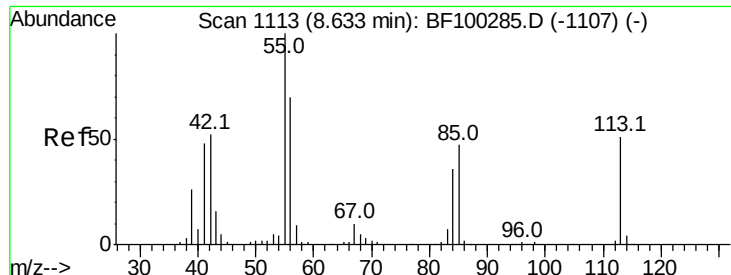
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#34
Hexachlorobutadiene
Concen: 38.378 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.6	76.0		
227	65.5	51.9	77.9		





#35

Caprolactam

Concen: 36.085 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

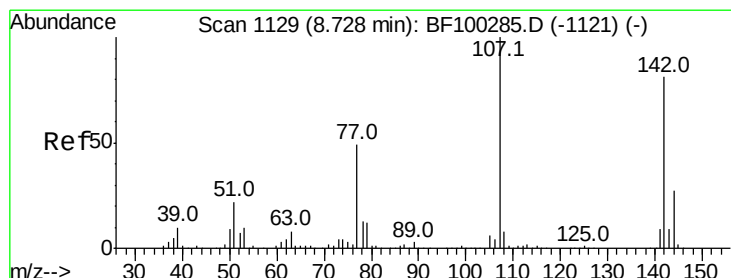
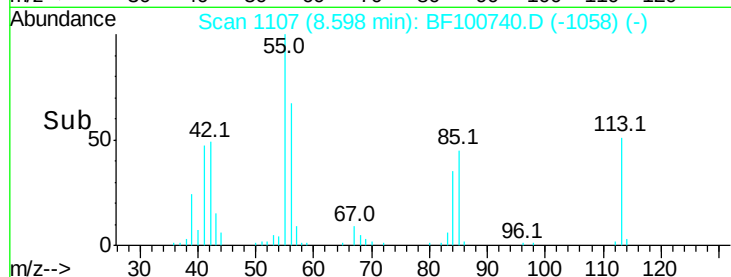
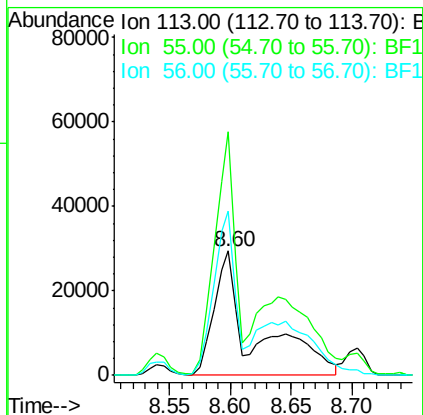
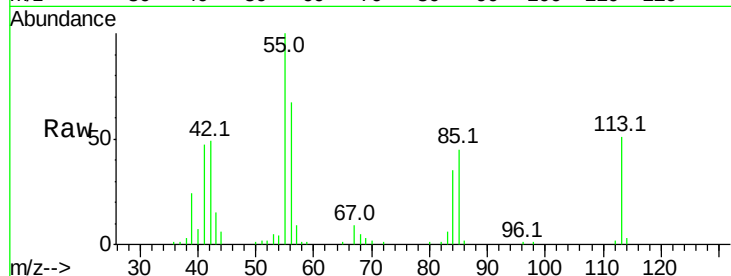
ClientSampleId :

MH-(0-12)MS

Tot Ion:	113	Resp:	67172
Ion	Ratio	Lower	Upper
113	100		
55	195.6	163.3	203.3
56	131.6	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.872 ng/mL

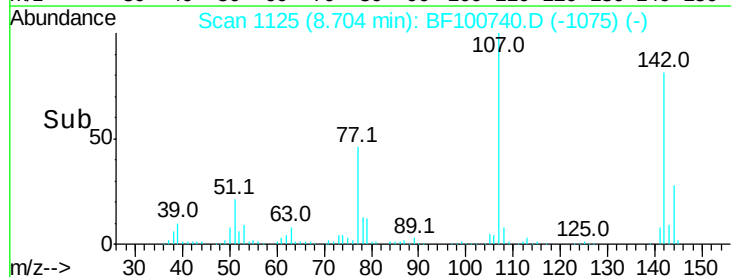
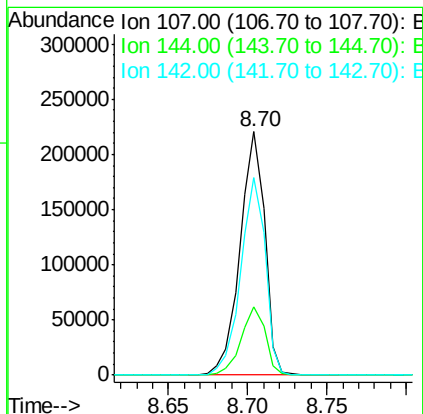
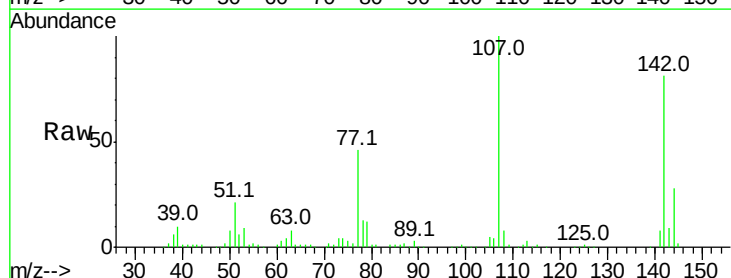
RT: 8.70 min Scan# 1125

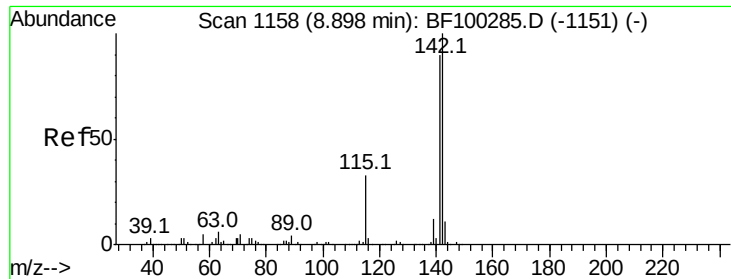
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	107	Resp:	238107
Ion	Ratio	Lower	Upper
107	100		
144	28.1	20.5	30.7
142	81.0	62.0	93.0





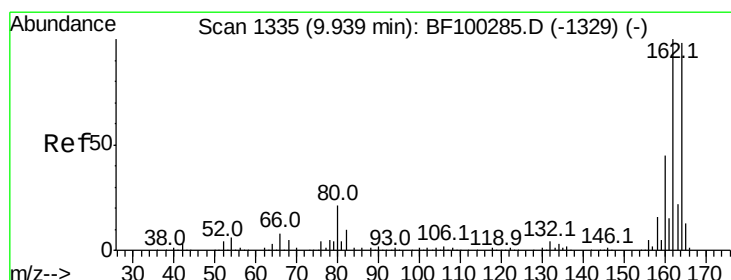
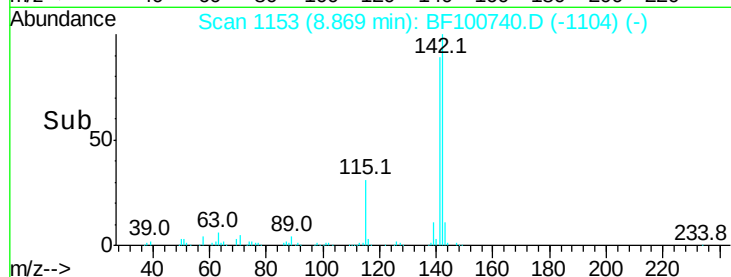
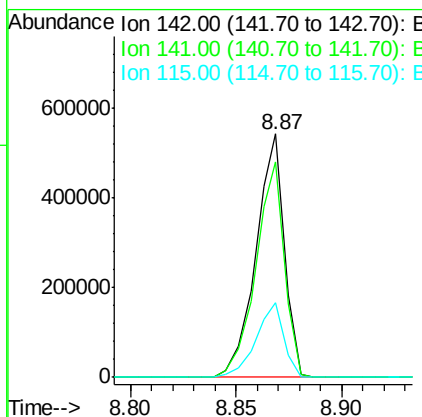
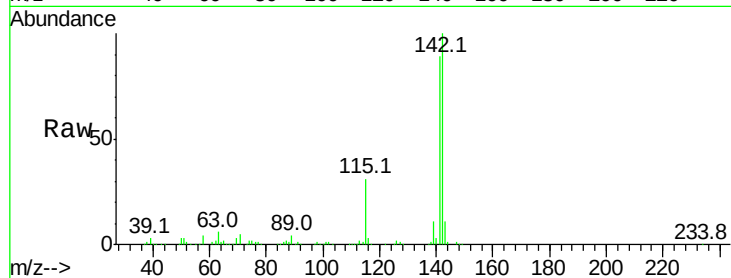
#37
2-Methylnaphthalene
Concen: 39.810 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	30.7	26.1	39.1

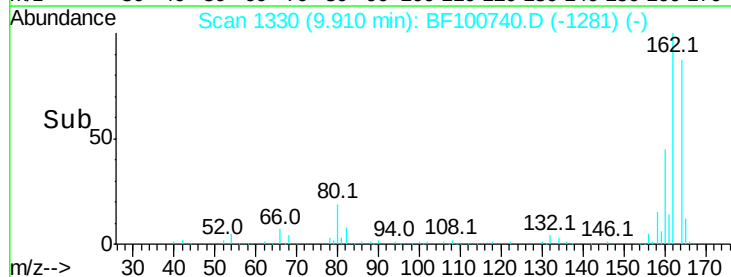
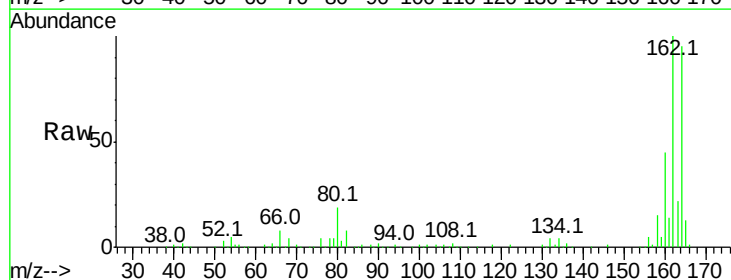
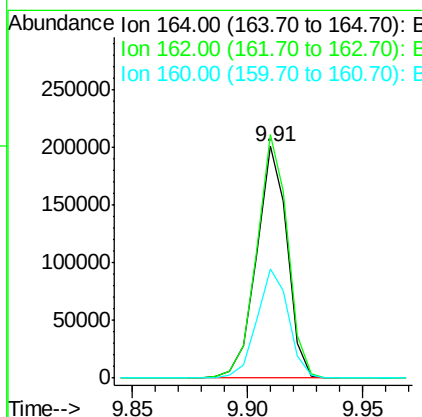
Manual Integrations
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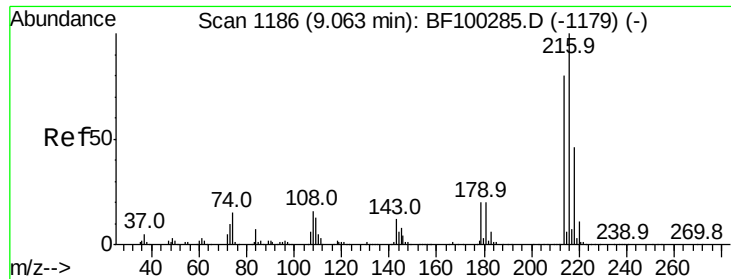
SOHIL
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.880 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

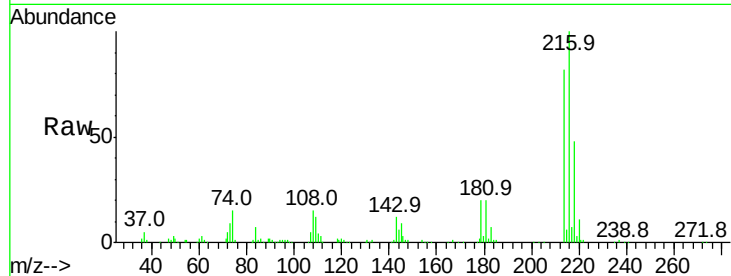
ClientSampleId :

MH-(0-12)MS

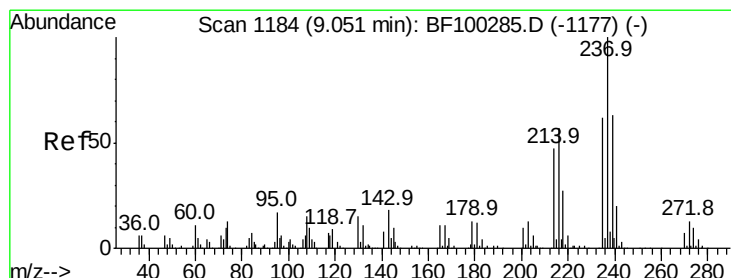
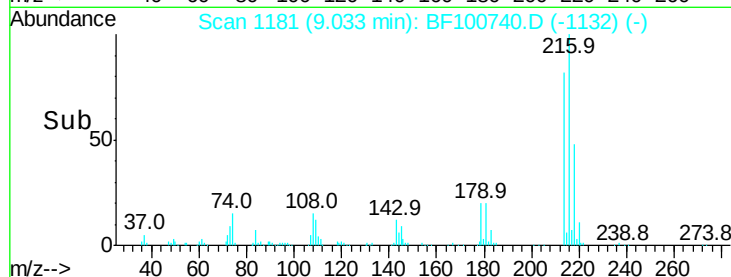
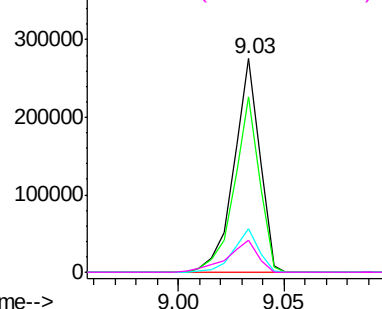
Tot Ion	Ratio	Resp	Lower	Upper
216	100	233693		
214	80.2	63.0	94.4	
179	20.0	18.1	27.1	
108	17.7	17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 79.132 ng

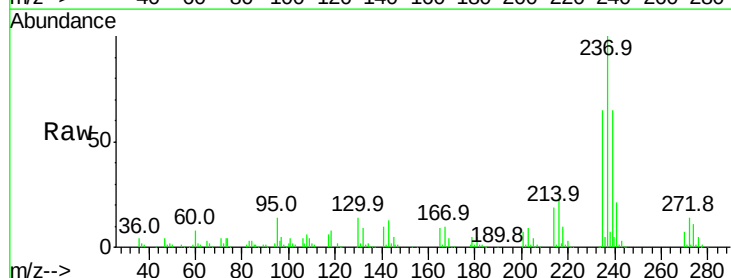
RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

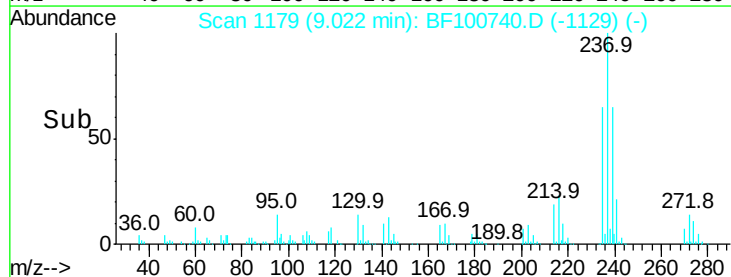
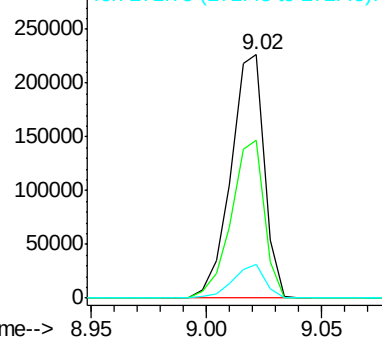
Lab File: BF100740.D

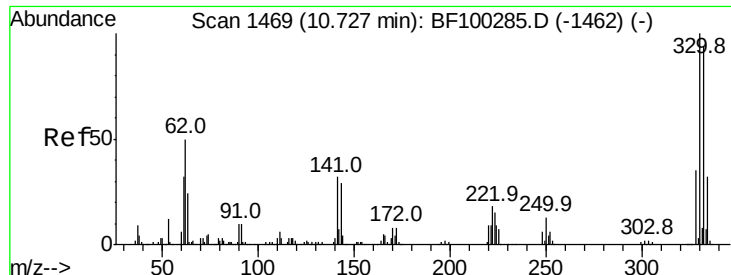
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	229766		
235	64.6	44.8	84.8	
272	13.9	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 119.572 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

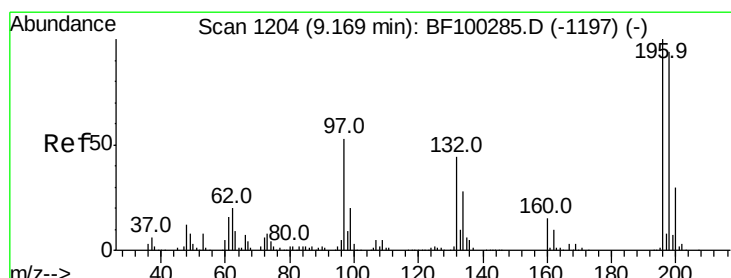
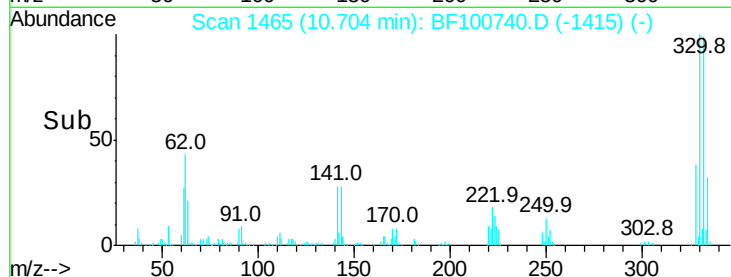
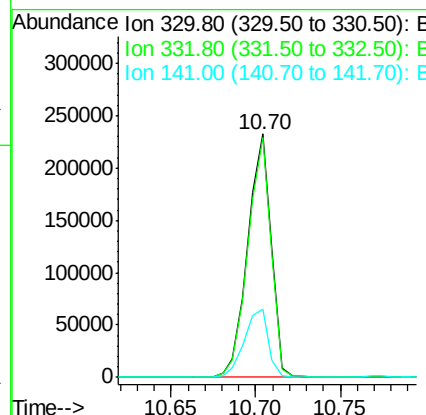
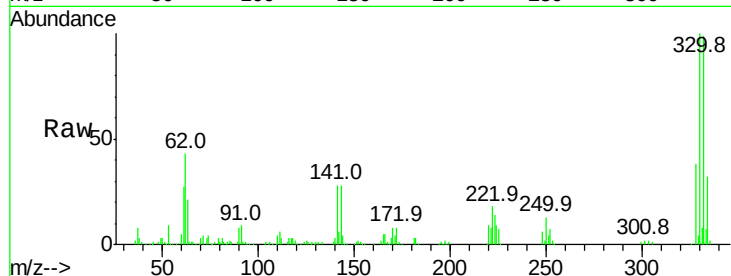
ClientSampleId :

MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226652		
332	97.2	77.0	115.6	
141	29.0	29.9	44.9#	

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#42

2,4,6-Trichlorophenol

Concen: 44.629 ng

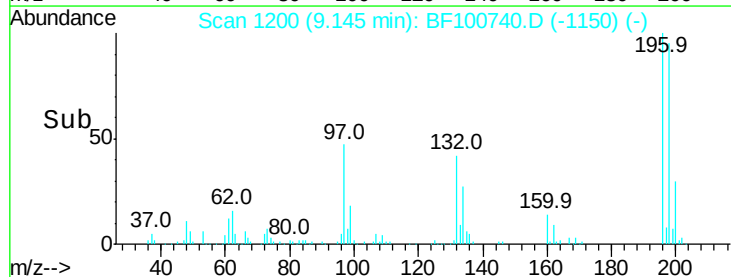
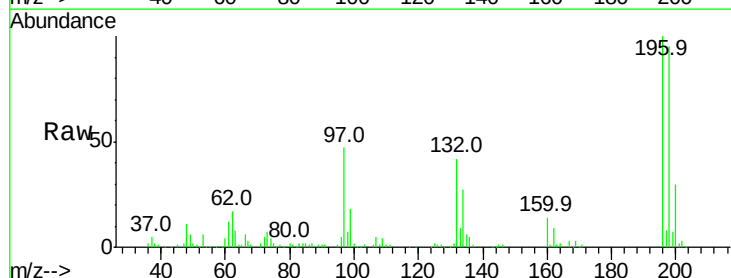
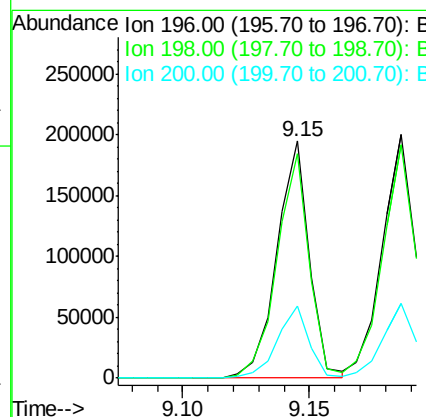
RT: 9.15 min Scan# 1200

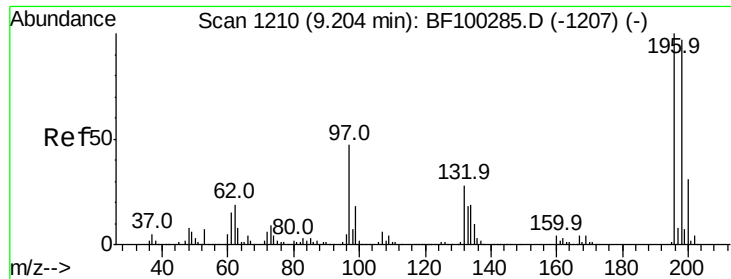
Delta R.T. -0.01 min

Lab File: BF100740.D

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Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174500		
198	95.0	75.7	113.5	
200	30.5	24.5	36.7	





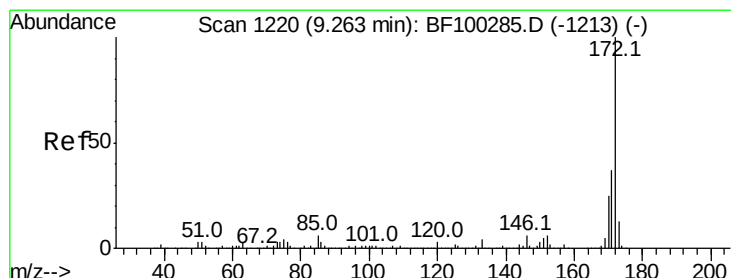
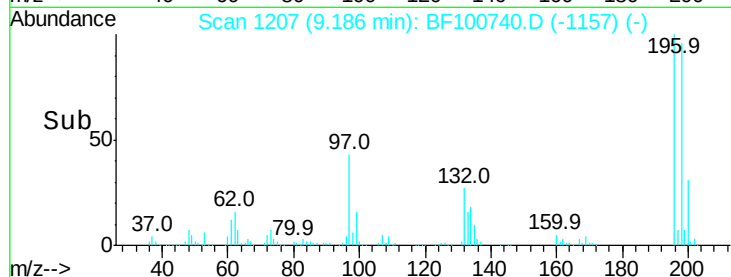
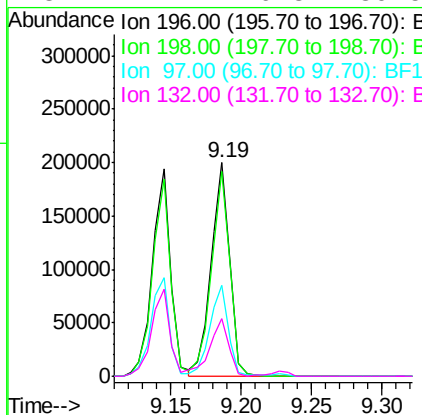
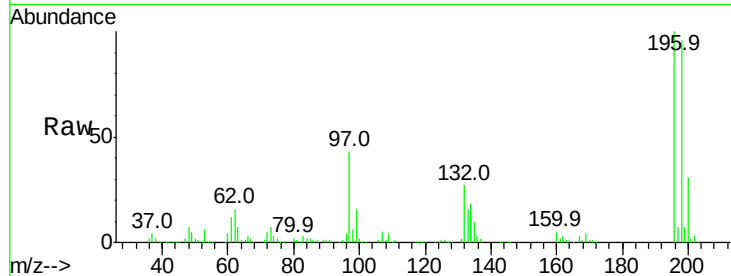
#43
 2,4,5-Trichlorophenol
 Concen: 44.693 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	196	Resp	181056
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.6	112.0
97	42.7	42.9	64.3#
132	27.2	26.3	39.5

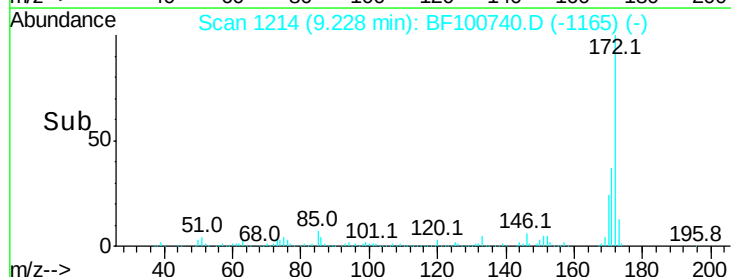
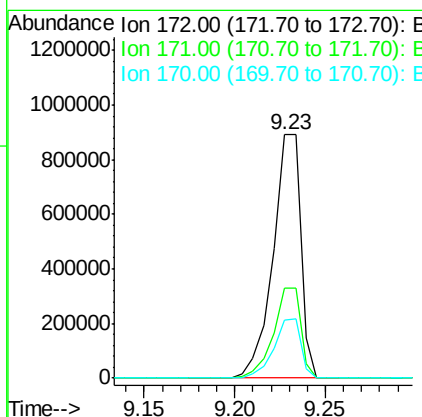
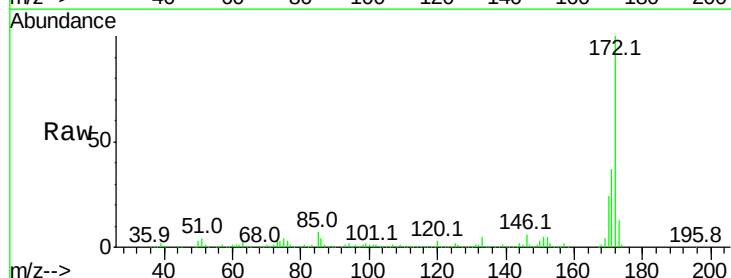
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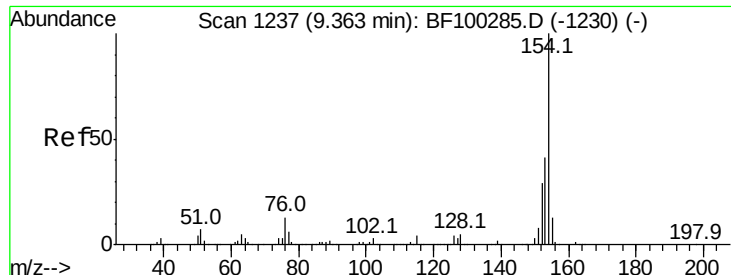
SOHIL
 11/21/2017 2:15:31 PM



#44
 2-Fluorobiphenyl
 Concen: 77.587 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	172	Resp	947823
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.7	44.5
170	23.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.616 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

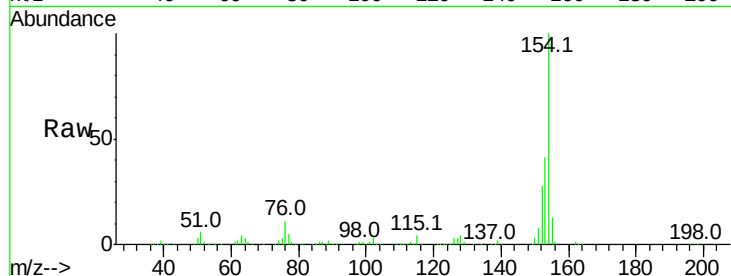
ClientSampleId :

MH-(0-12)MS

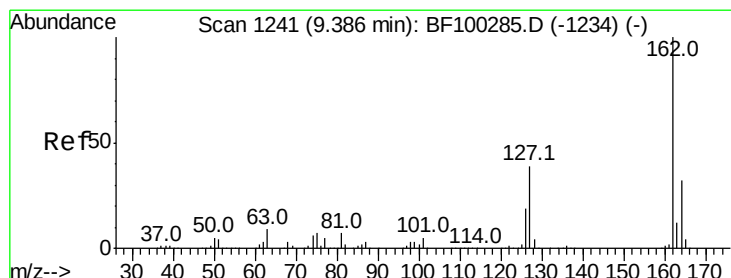
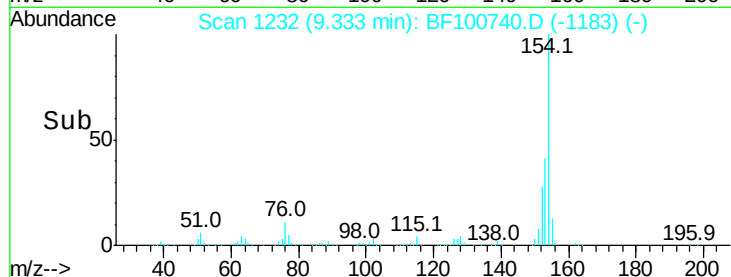
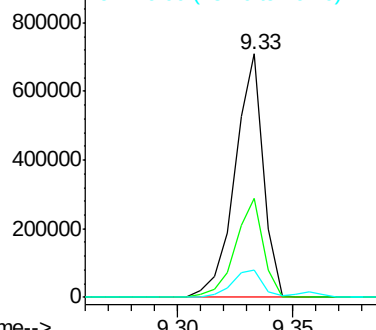
Tot Ion:	154	Resp:	605187
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	11.4	0.0	34.0

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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: 41.402 ng

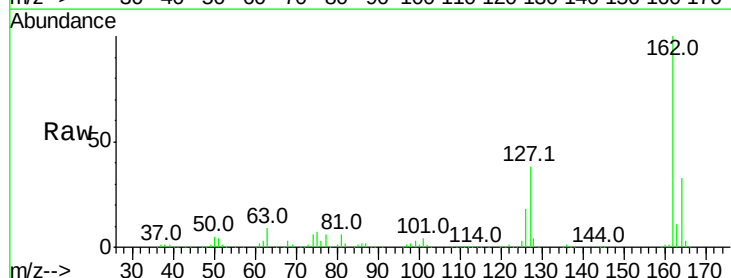
RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

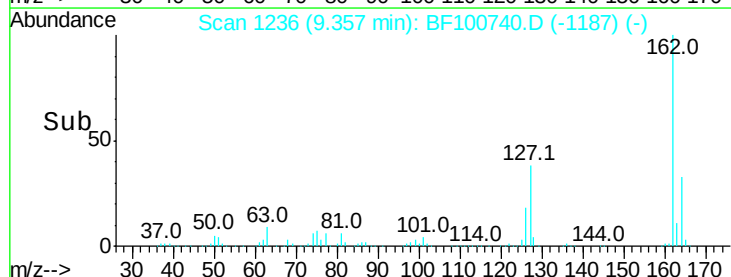
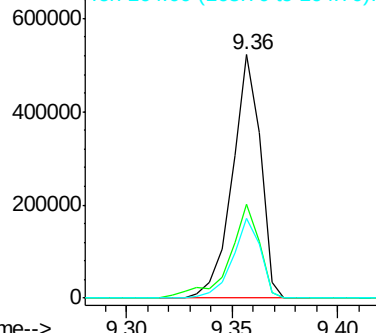
Lab File: BF100740.D

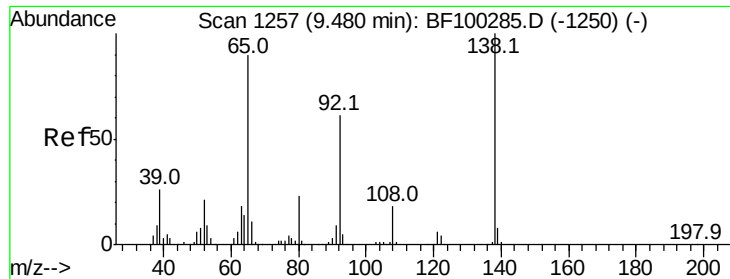
Acq: 20 Nov 2017 19:53

Tgt Ion:	162	Resp:	483237
Ion Ratio	Lower	Upper	
162	100		
127	38.4	33.9	50.9
164	32.6	26.5	39.7



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





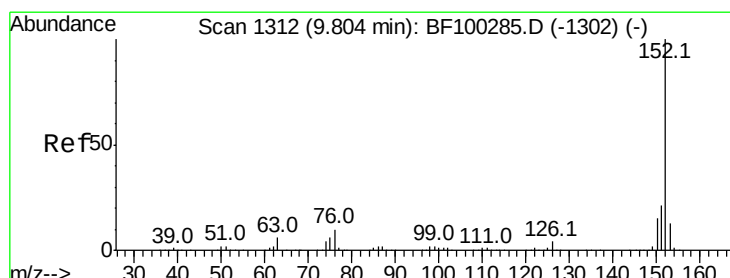
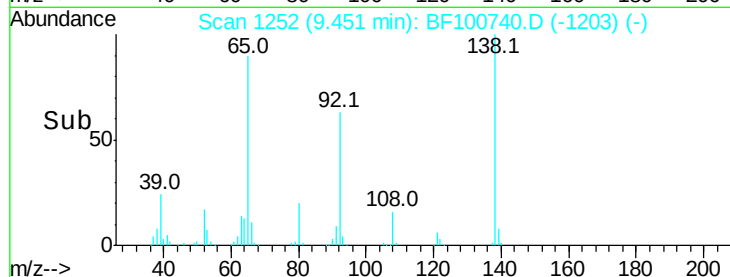
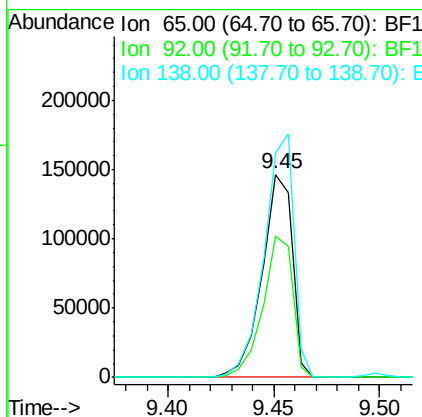
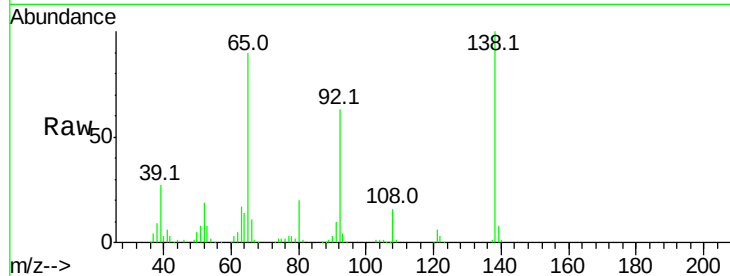
#47
2-Nitroaniline
Concen: 42.850 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	110.7	91.2	136.8

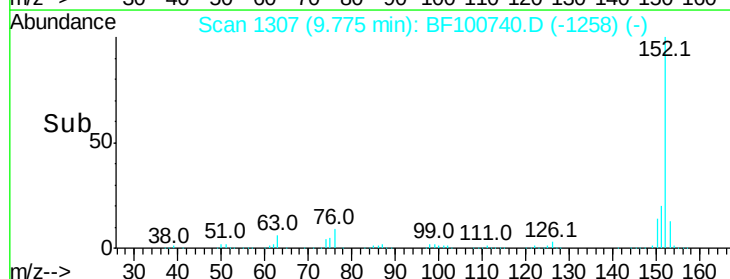
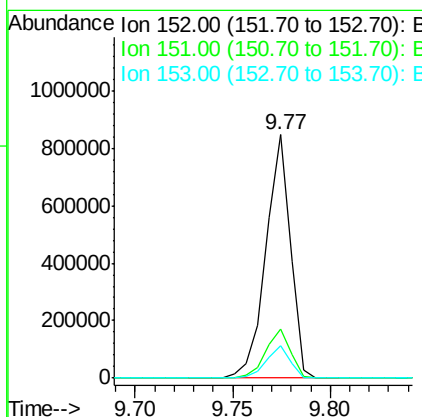
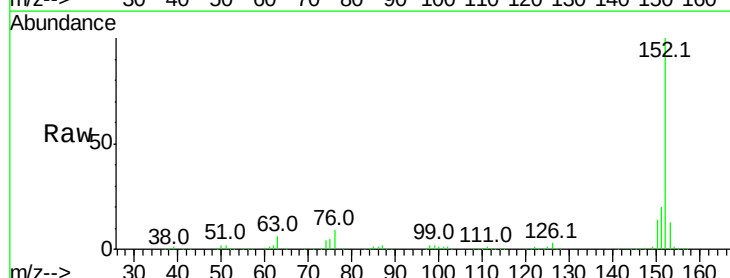
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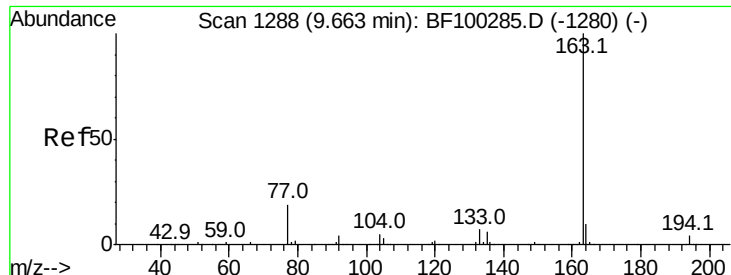
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#48
Acenaphthylene
Concen: 38.104 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





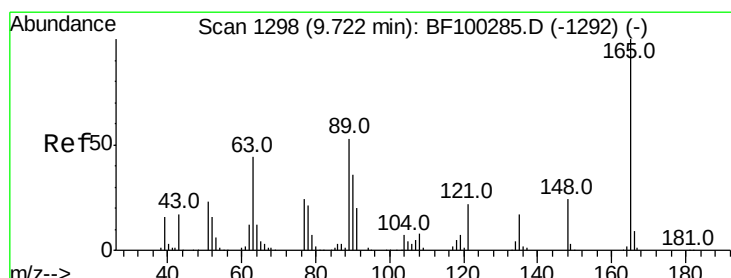
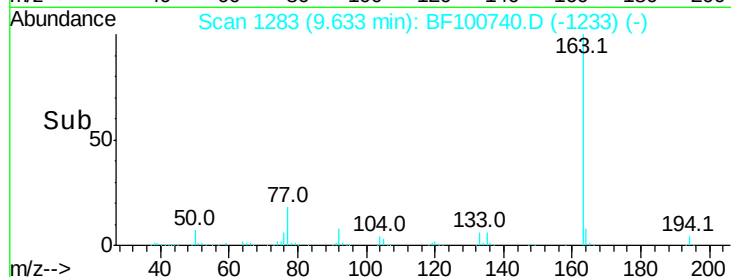
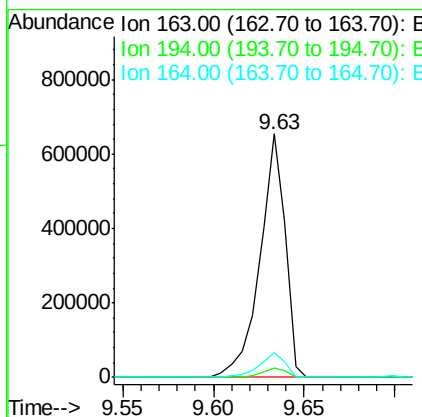
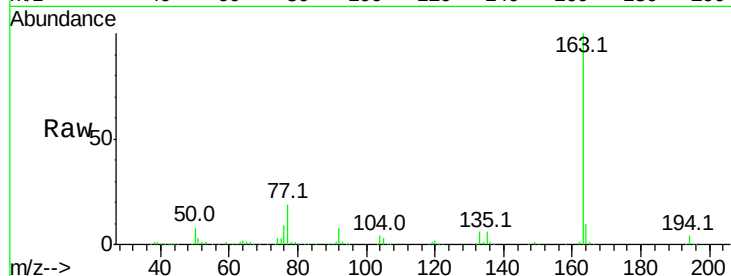
#49
 Dimethylphthalate
 Concen: 44.512 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	632198		
194	3.7		2.7	4.1
164	10.2		8.2	12.2

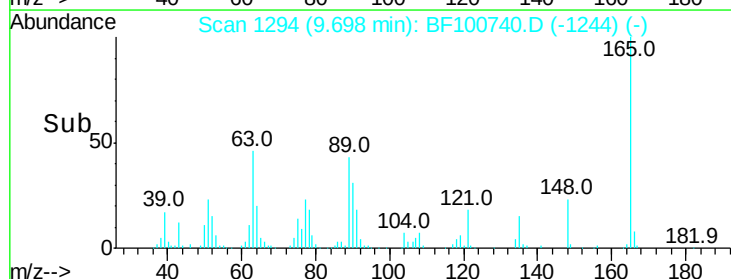
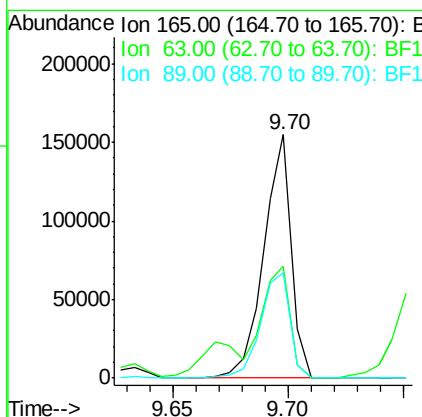
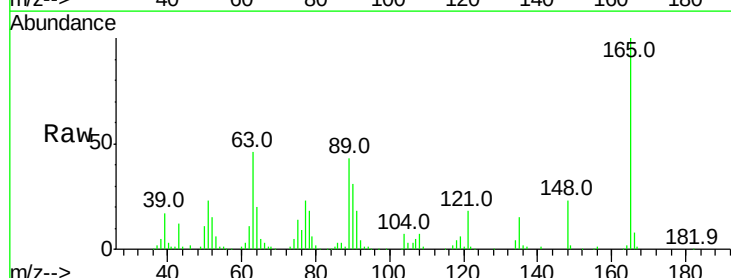
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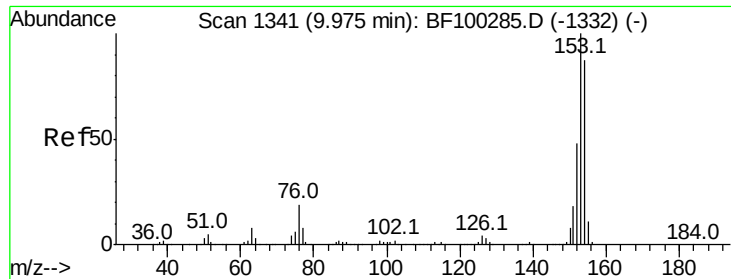
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#50
 2,6-Dinitrotoluene
 Concen: 45.401 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127638		
63	45.8		44.7	67.1
89	43.2		44.0	66.0#





#51

Acenaphthene

Concen: 38.267 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

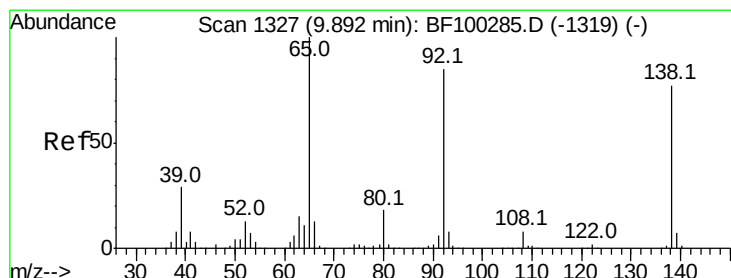
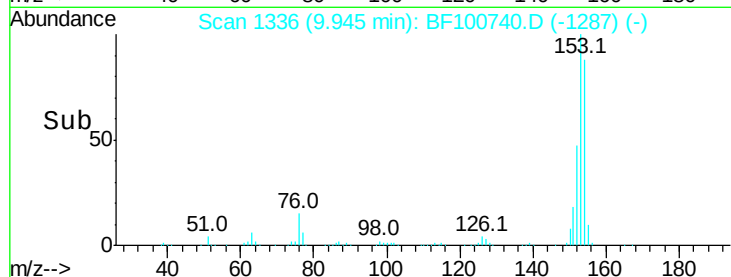
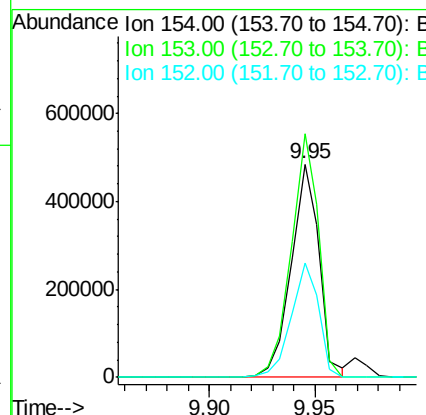
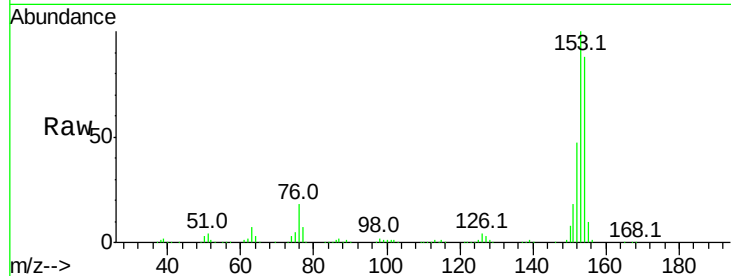
ClientSampleId :

MH-(0-12)MS

Tot Ion:	154	Resp:	450174
Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	53.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 26.807 ng

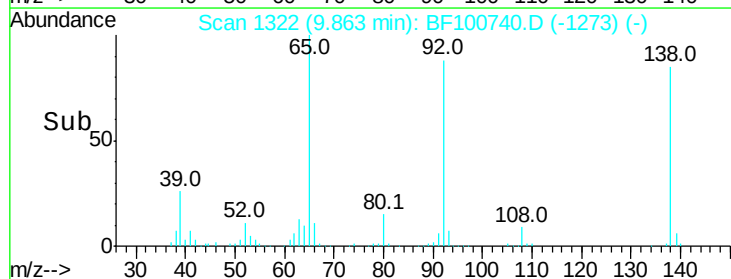
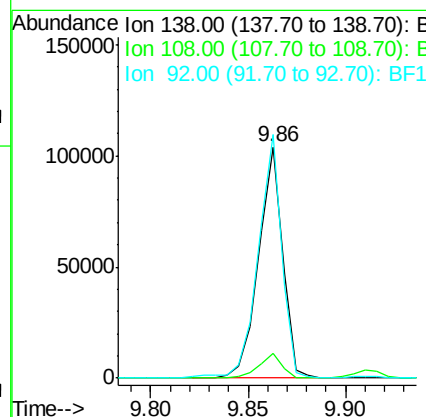
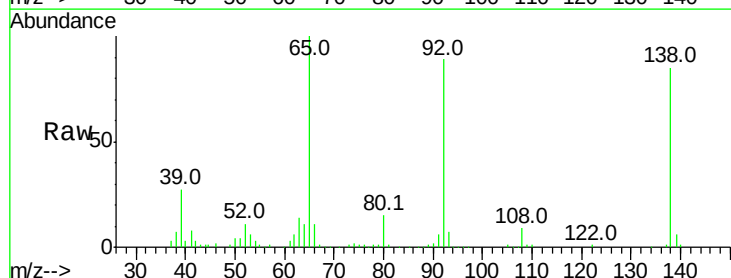
RT: 9.86 min Scan# 1322

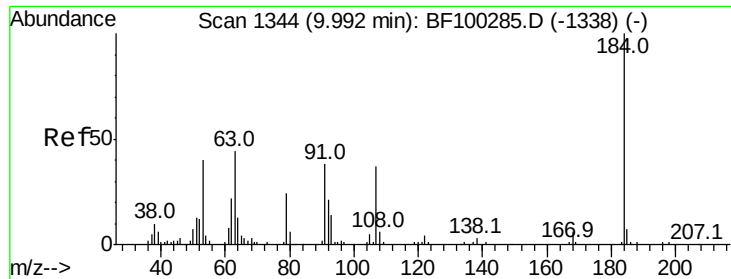
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	138	Resp:	88993
Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	105.2	89.4	134.2





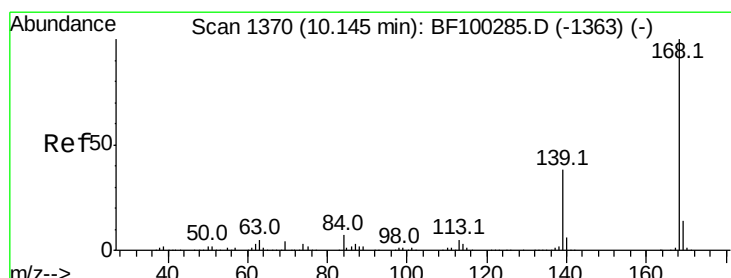
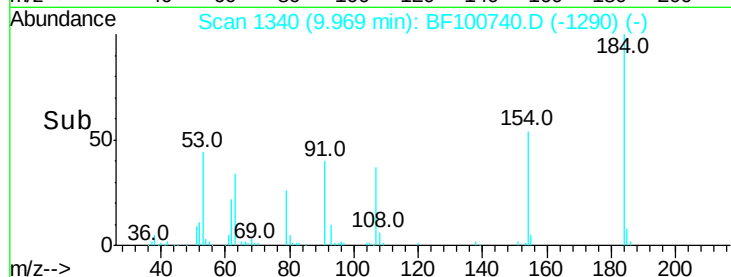
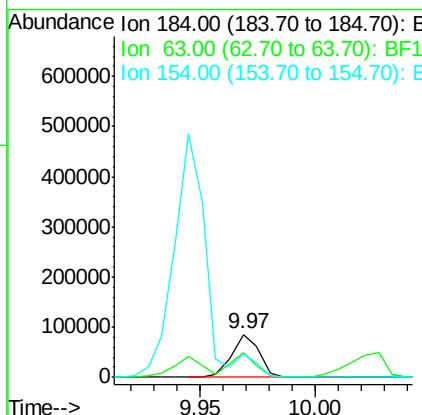
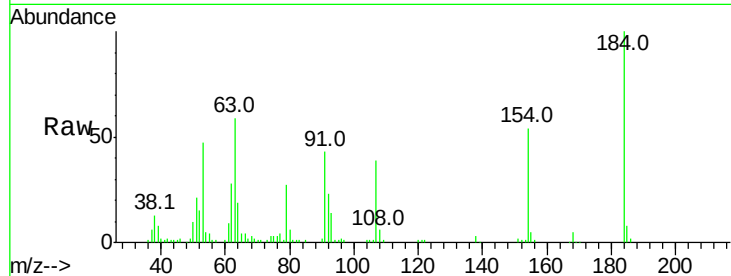
#53
2,4-Dinitrophenol
Concen: 65.165 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.7	54.2	81.2
154	53.7	184.0	276.0#

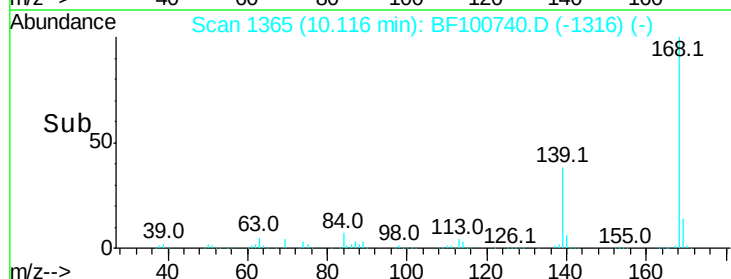
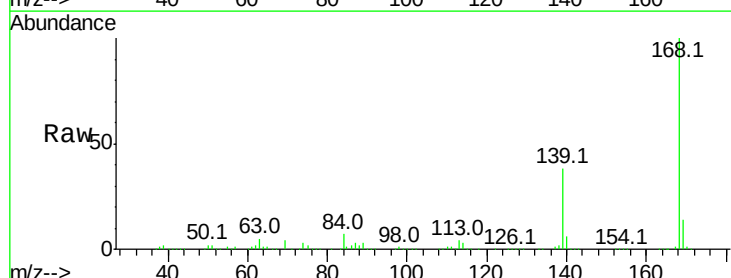
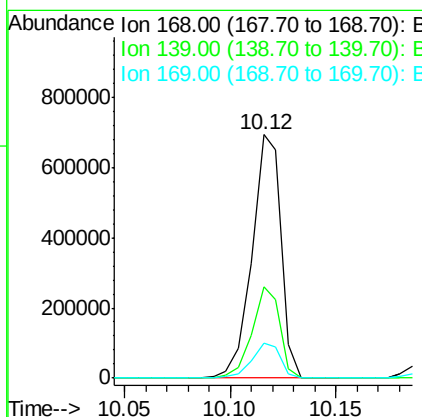
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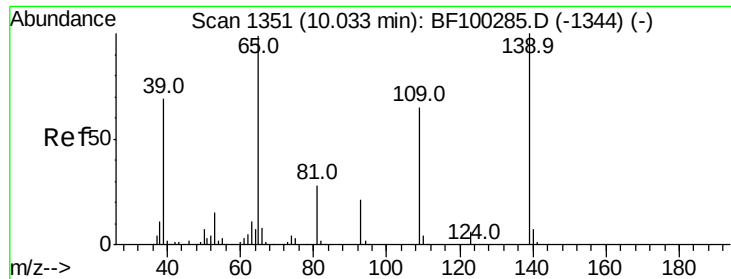
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#54
Dibenzofuran
Concen: 40.235 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.5	10.9	16.3





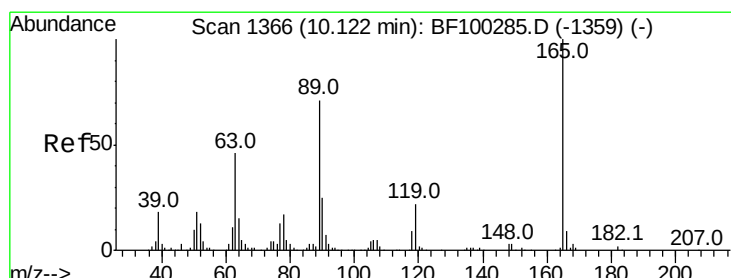
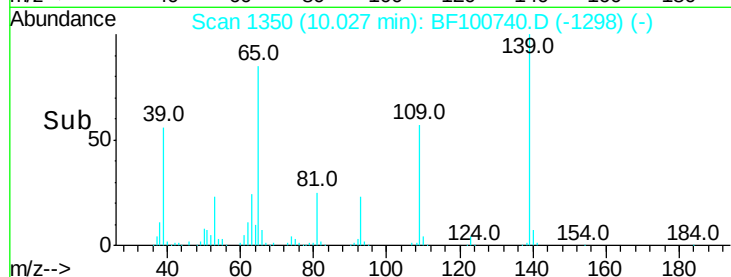
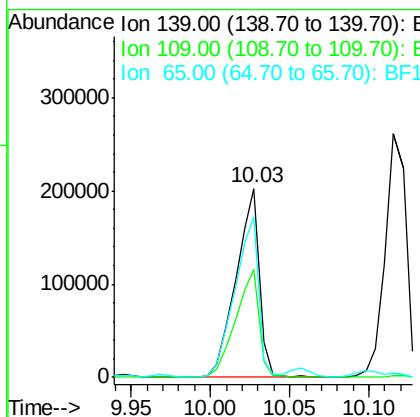
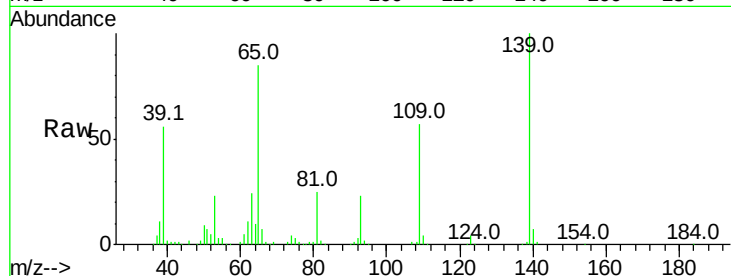
#55
4-Nitrophenol
Concen: 76.501 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	206218		
109	57.4	48.4	88.4	
65	85.2	72.6	112.6	

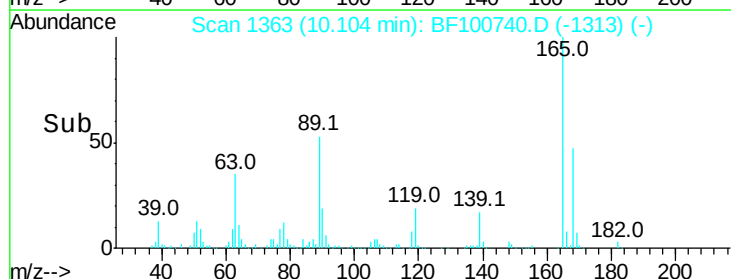
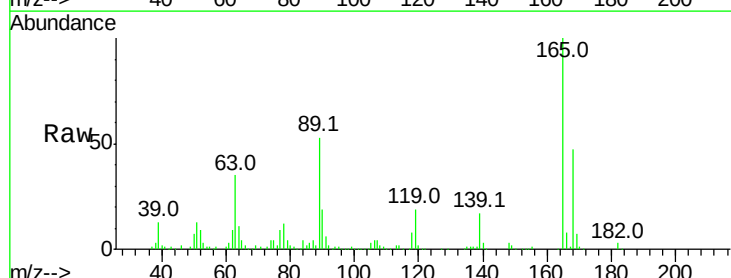
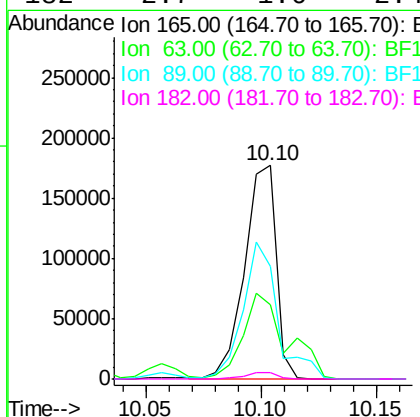
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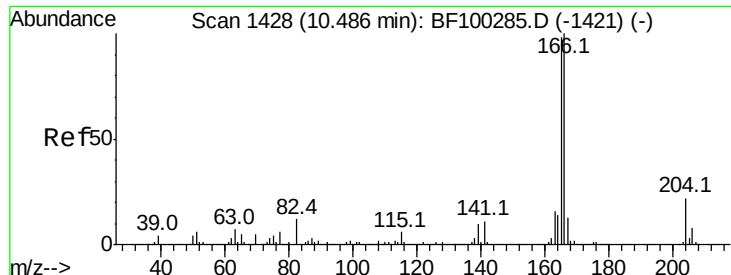
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#56
2,4-Dinitrotoluene
Concen: 48.249 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171121		
63	35.1	36.4	54.6#	
89	53.0	57.8	86.6#	
182	2.7	1.6	2.4#	





#57

Fluorene

Concen: 43.941 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

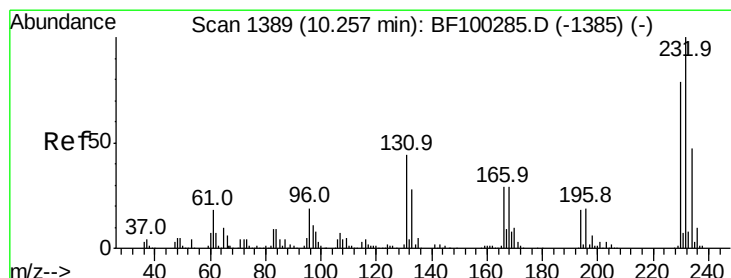
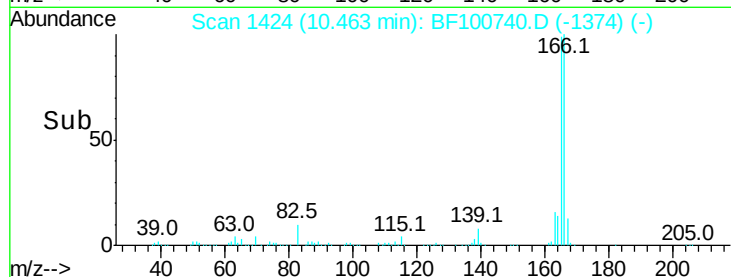
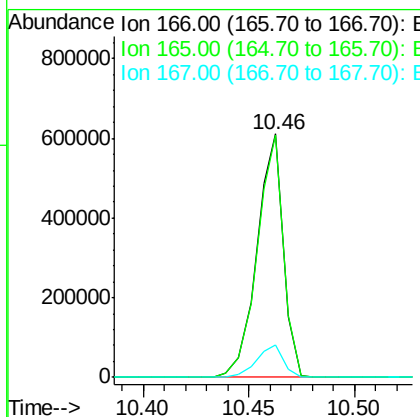
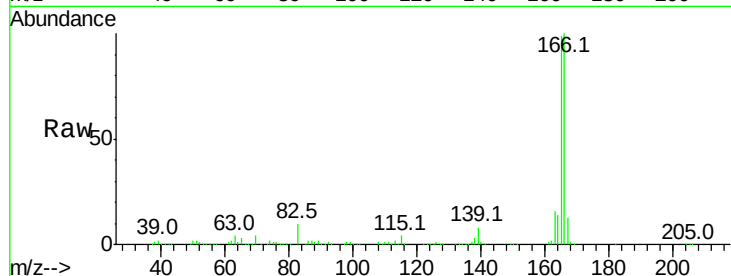
ClientSampleId :

MH-(0-12)MS

Tot Ion:	166	Resp:	530747
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.462 ng

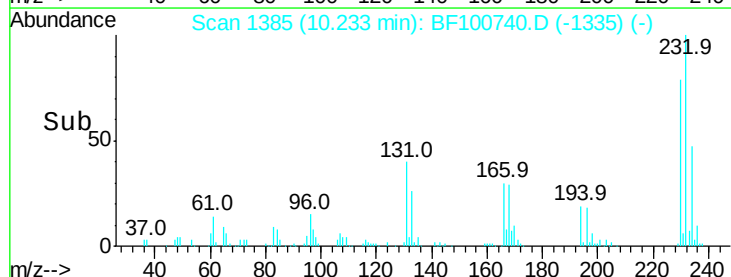
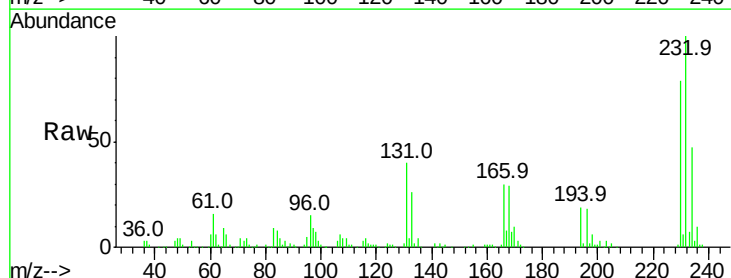
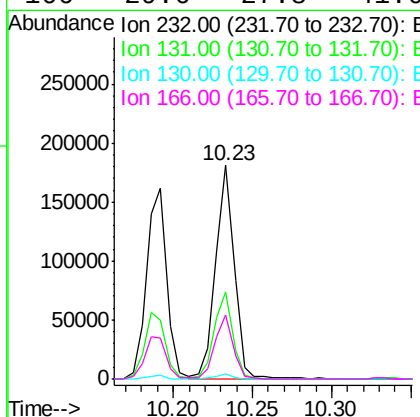
RT: 10.23 min Scan# 1385

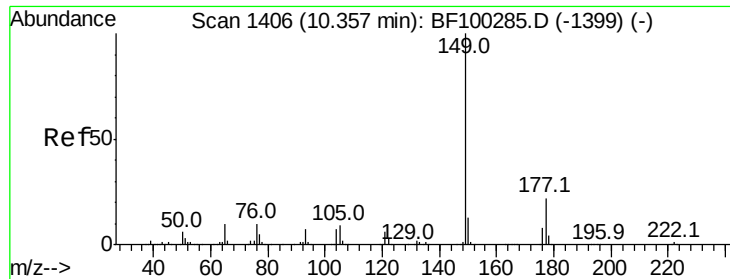
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	232	Resp:	147621
Ion Ratio	Lower	Upper	
232	100		
131	41.1	43.8	65.8#
130	1.9	2.1	3.1#
166	29.6	27.8	41.6





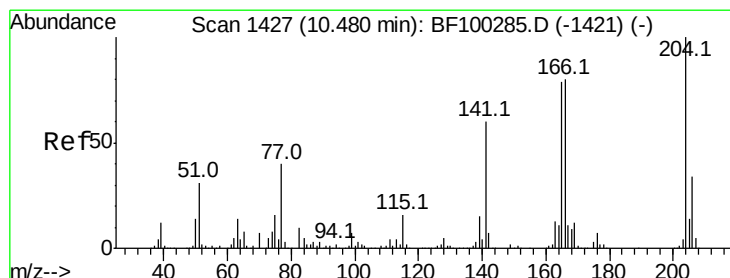
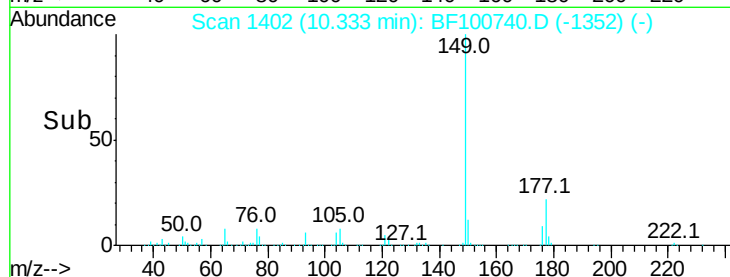
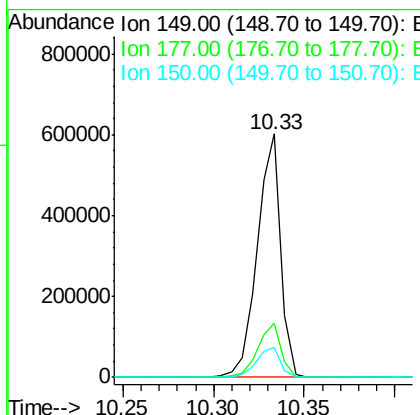
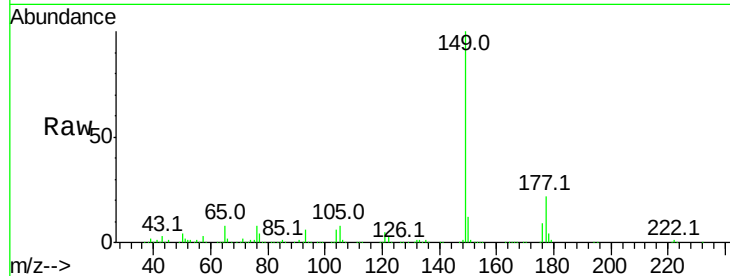
#59
Diethylphthalate
Concen: 37.763 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.5	16.1	24.1	
150	12.0	10.1	15.1	

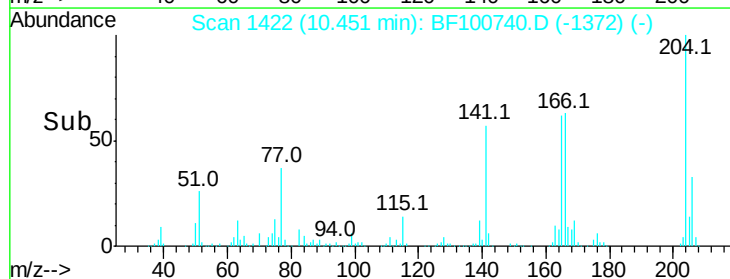
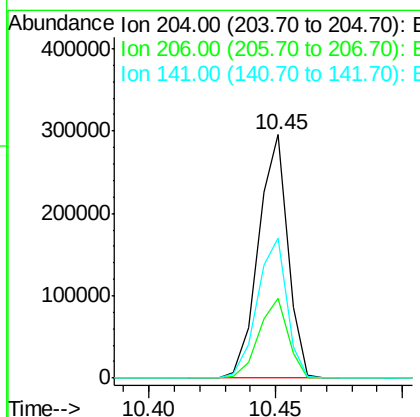
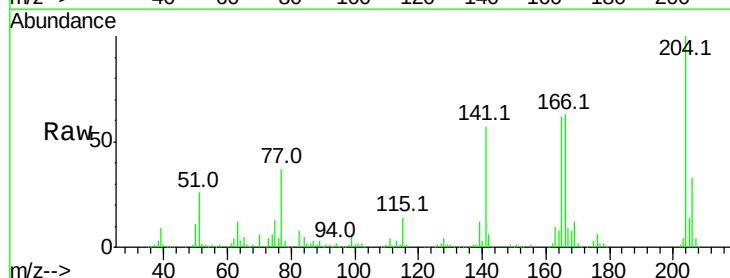
Manual Integrations
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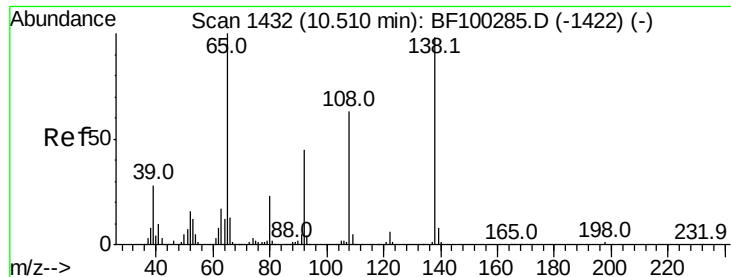
SOHIL
11/21/2017 2:15:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.584 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	26.5	39.7	
141	57.4	54.6	81.8	





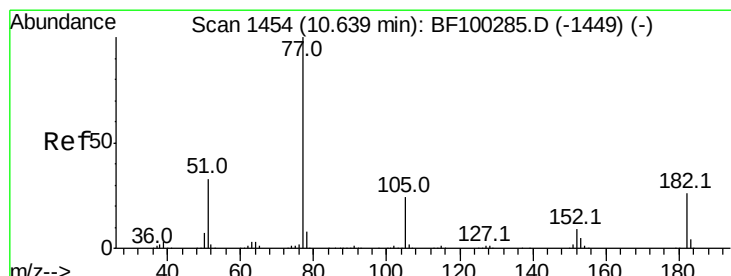
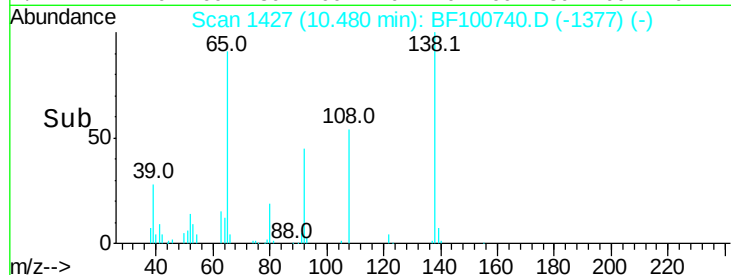
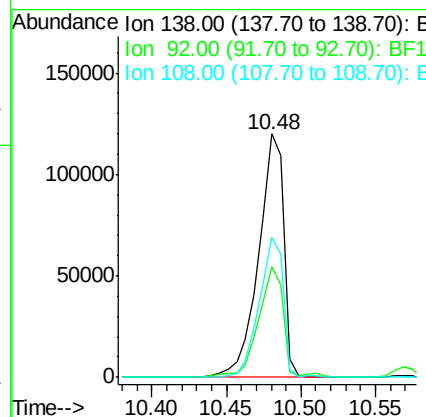
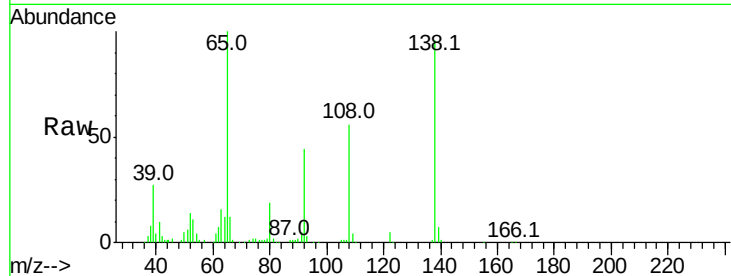
#61
4-Nitroaniline
Concen: 43.889 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.3	30.2	70.2
108	57.6	52.5	92.5

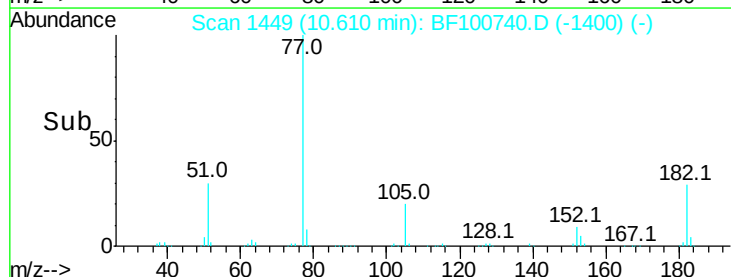
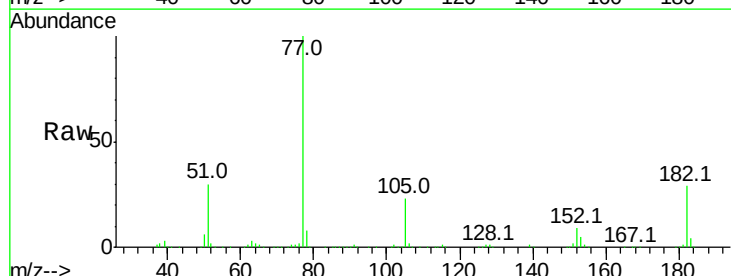
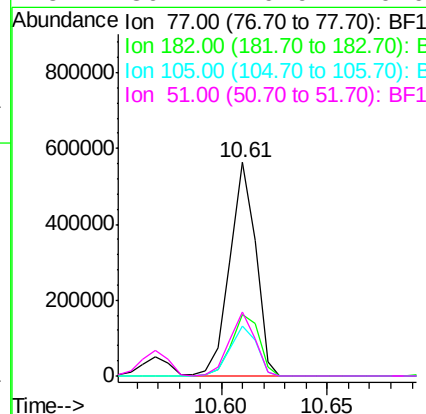
Manual Integrations
APPROVED

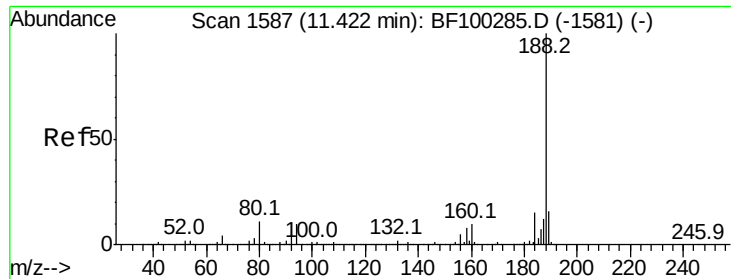
SOHIL
11/21/2017 2:15:31 PM



#62
Azobenzene
Concen: 35.635 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	23.2	3.0	43.0
51	30.2	9.9	49.9





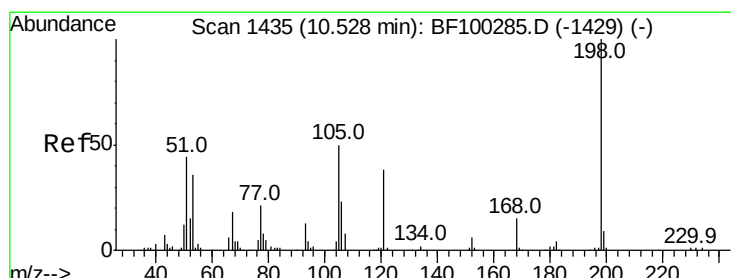
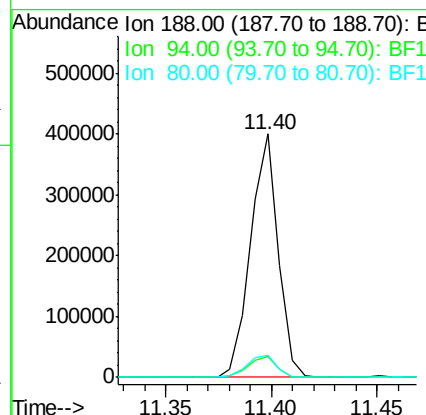
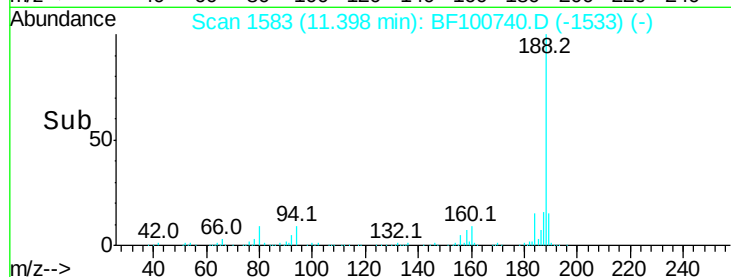
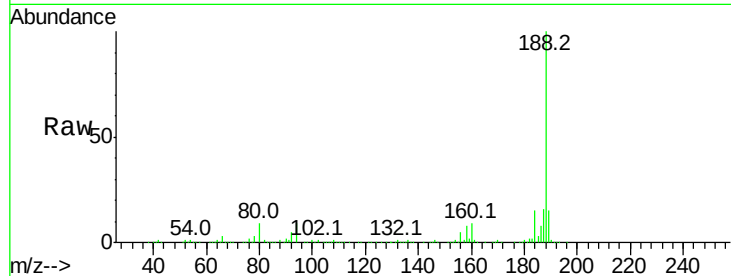
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	361498		
94	8.7		8.5	12.7
80	9.4		9.2	13.8

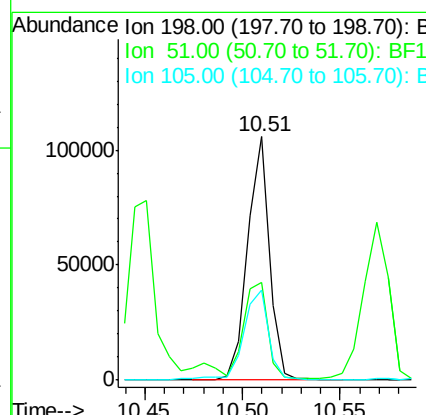
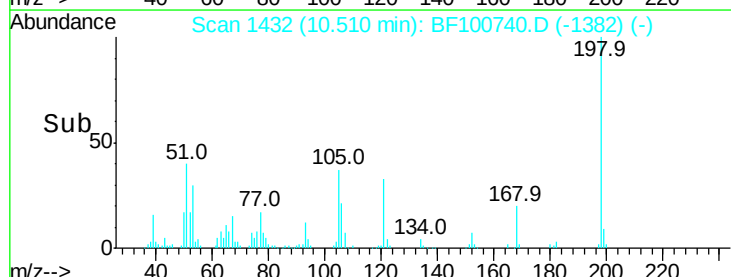
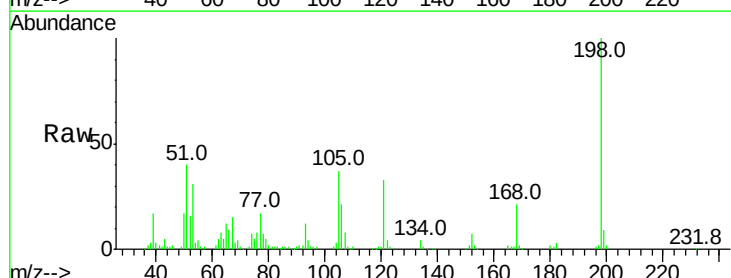
Manual Integrations
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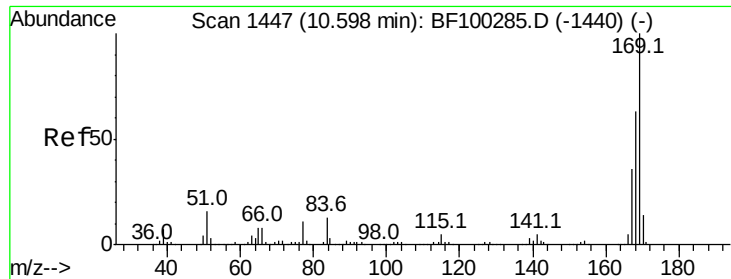
SOHIL
11/21/2017 2:15:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.759 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	82633		
51	40.2		37.7	77.7
105	36.8		36.3	76.3





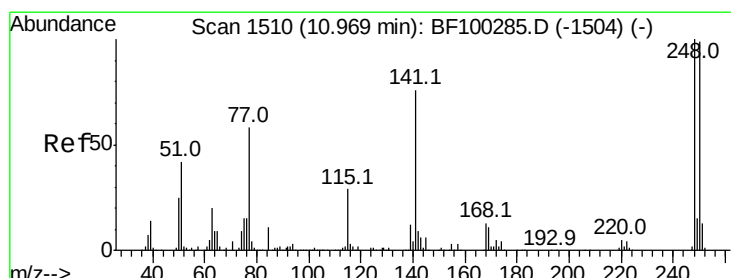
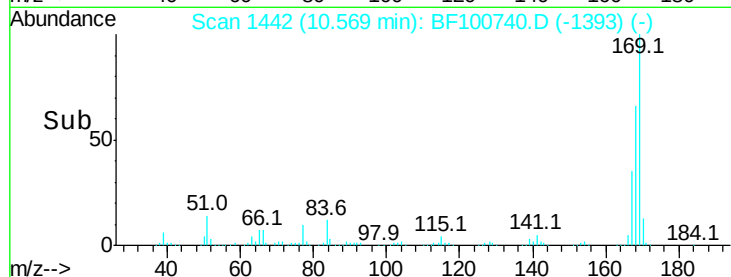
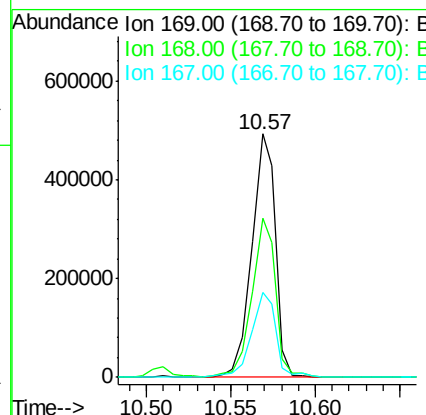
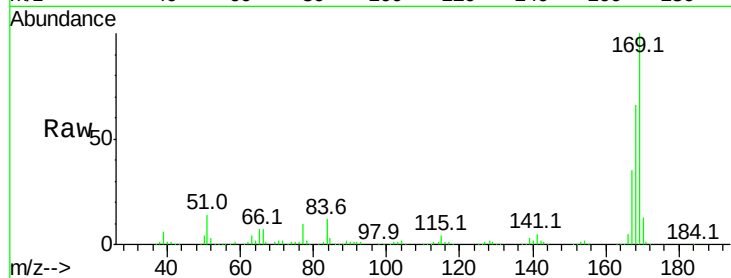
#65
n-Nitrosodiphenylamine
Concen: 38.281 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	481180		
168	65.5	54.4	81.6	
167	34.9	29.8	44.6	

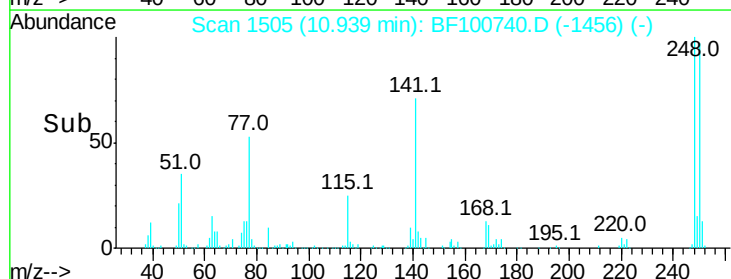
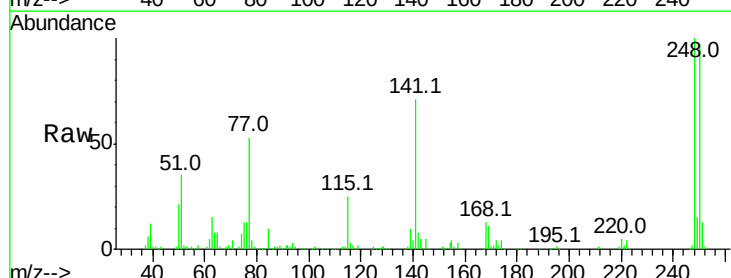
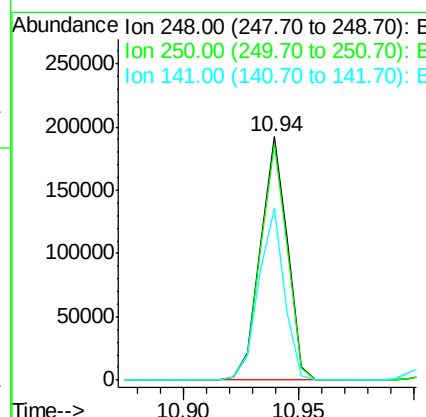
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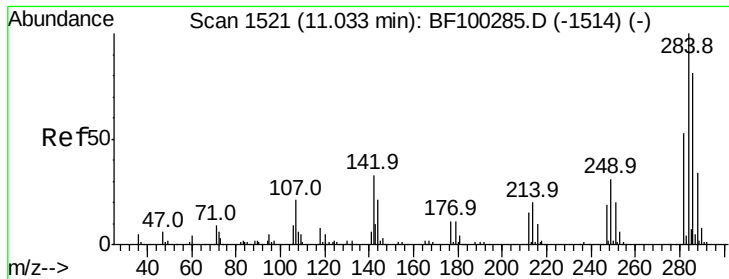
SOHIL
11/21/2017 2:15:31 PM



#66
4-Bromophenyl-phenylether
Concen: 40.506 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156971		
250	96.9	76.9	115.3	
141	70.9	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 40.172 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

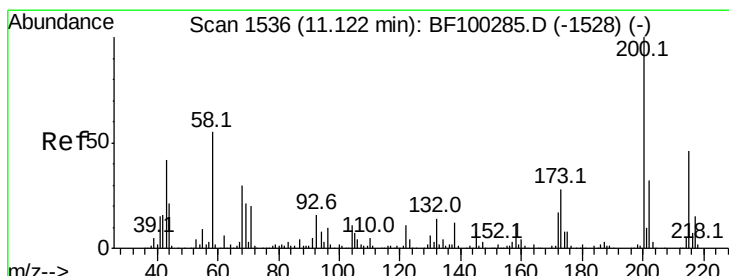
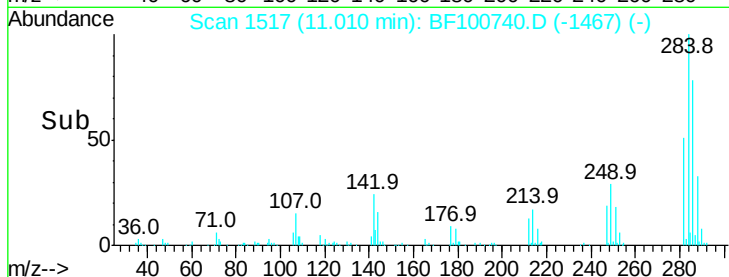
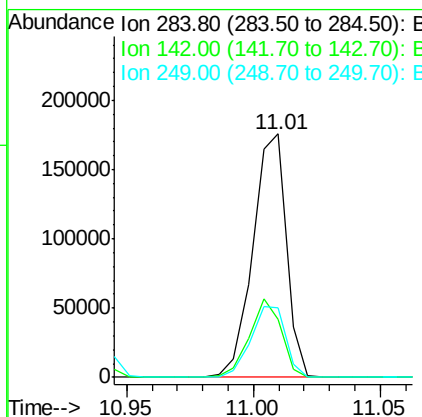
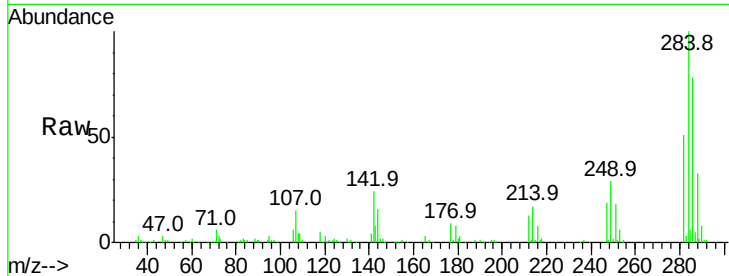
ClientSampleId :

MH-(0-12)MS

Tot Ion:	284	Resp:	162817
Ion Ratio	Lower	Upper	
284	100		
142	24.0	34.6	52.0#
249	28.7	24.8	37.2

Manual Integrations
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SOHIL
11/21/2017 2:15:31 PM



#68

Atrazine

Concen: 40.487 ng

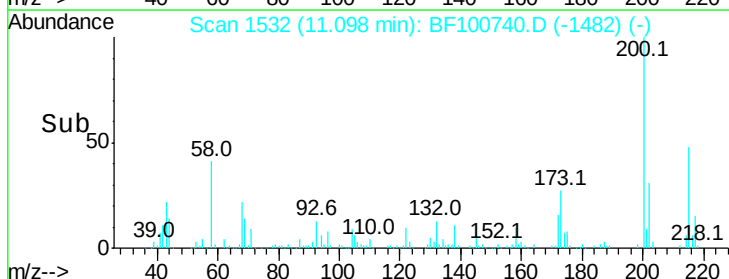
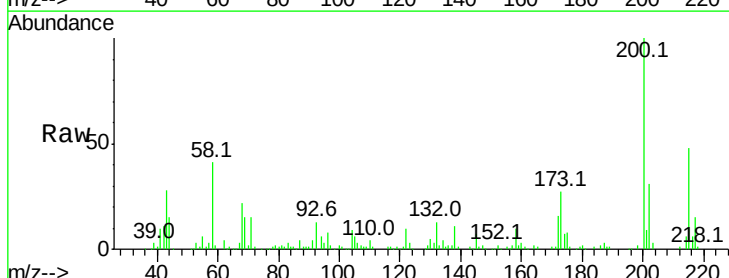
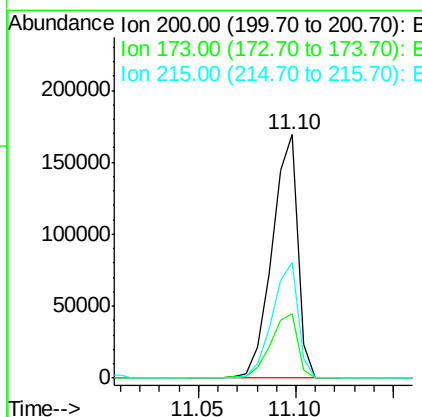
RT: 11.10 min Scan# 1532

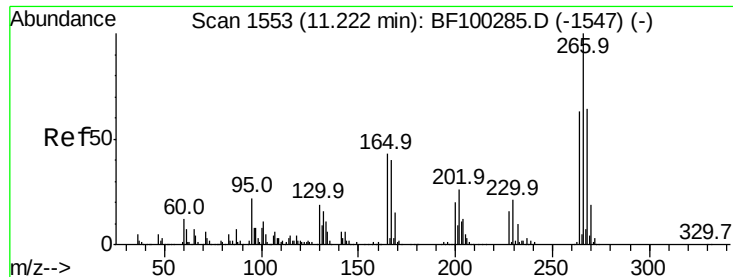
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	200	Resp:	154047
Ion Ratio	Lower	Upper	
200	100		
173	26.6	8.6	48.6
215	47.7	25.1	65.1





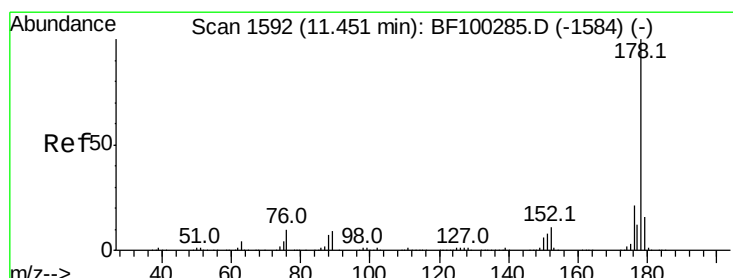
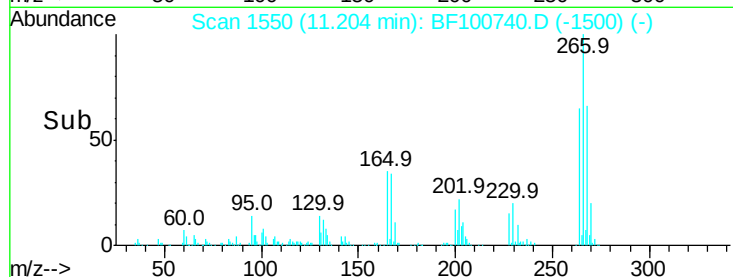
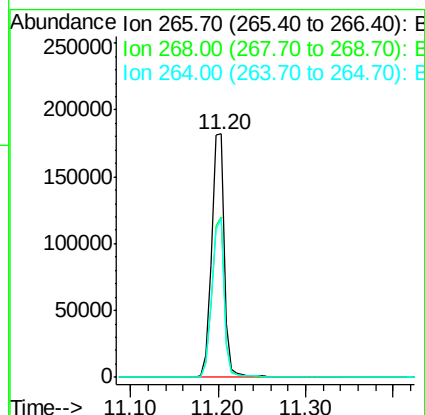
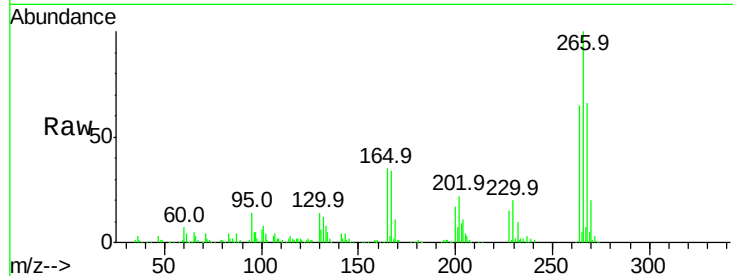
#69
 Pentachlorophenol
 Concen: 63.942 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	185831		
268	65.9		51.1	76.7
264	65.4		49.5	74.3

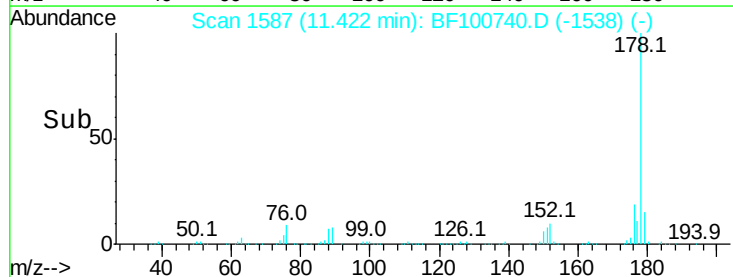
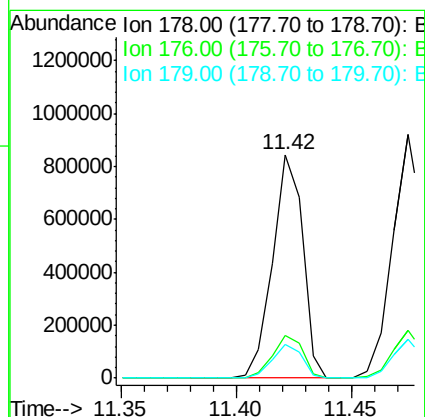
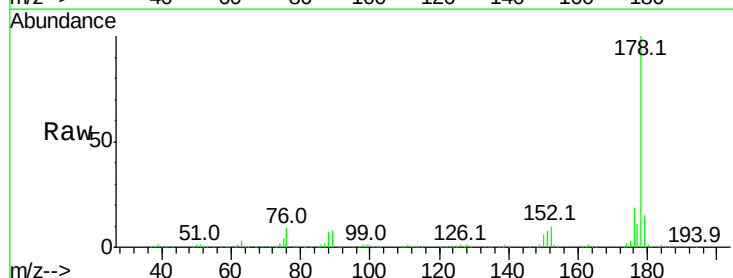
Manual Integrations
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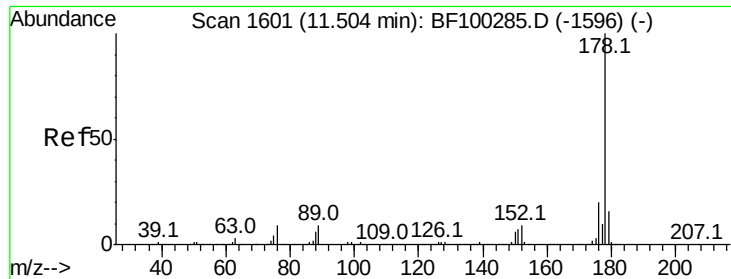
SOHIL
 11/21/2017 2:15:31 PM



#70
 Phenanthrene
 Concen: 40.192 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	764980		
176	19.3		15.8	23.8
179	15.2		13.0	19.6





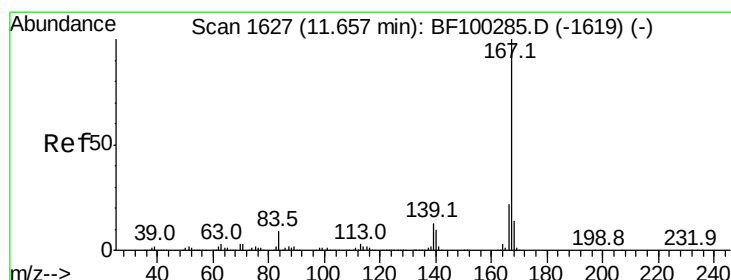
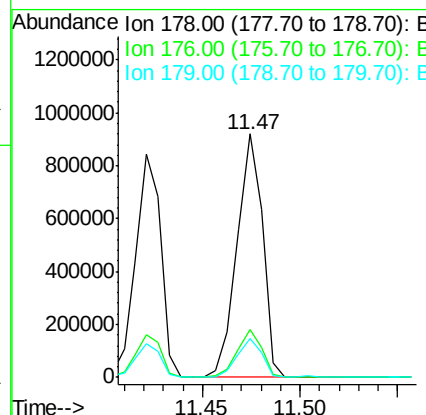
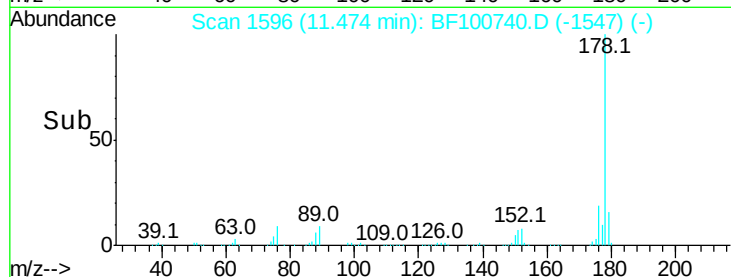
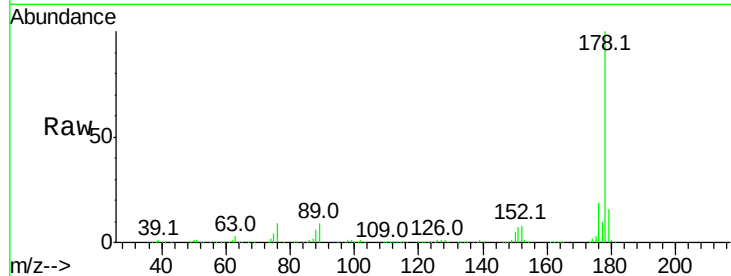
#71
 Anthracene
 Concen: 43.393 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

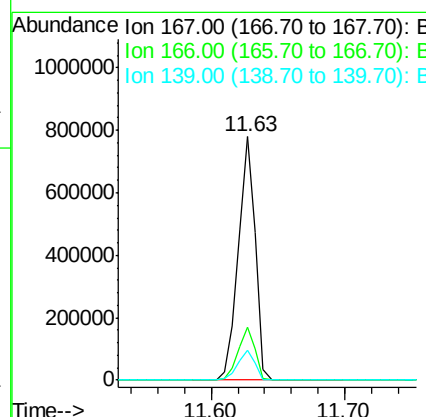
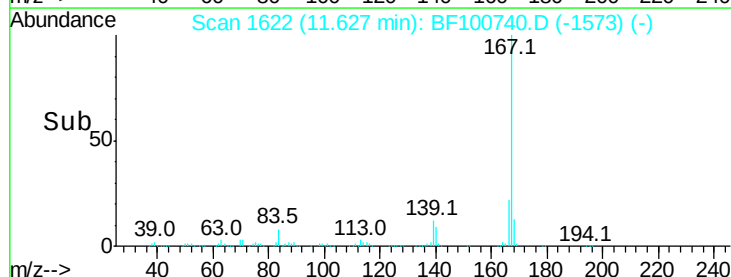
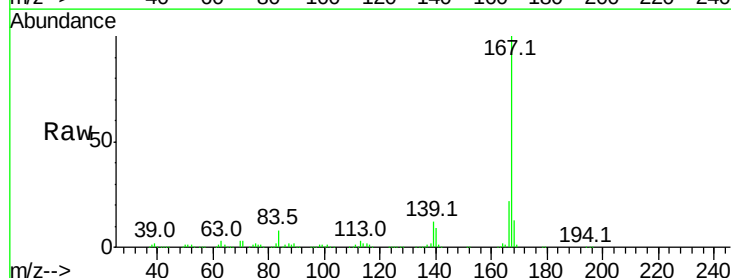
Manual Integrations
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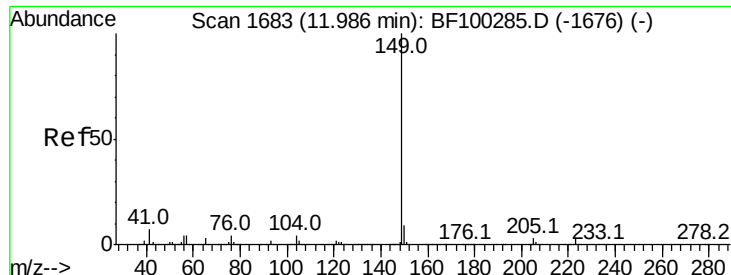
SOHIL
 11/21/2017 2:15:31 PM



#72
 Carbazole
 Concen: 39.306 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.352 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

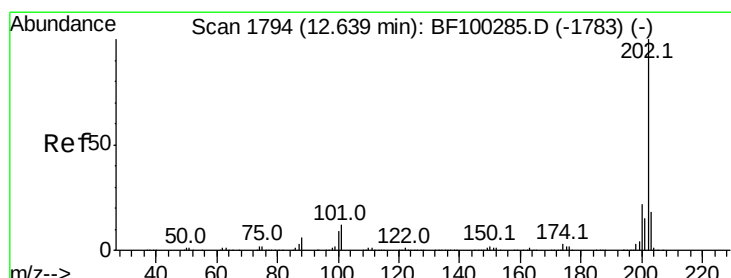
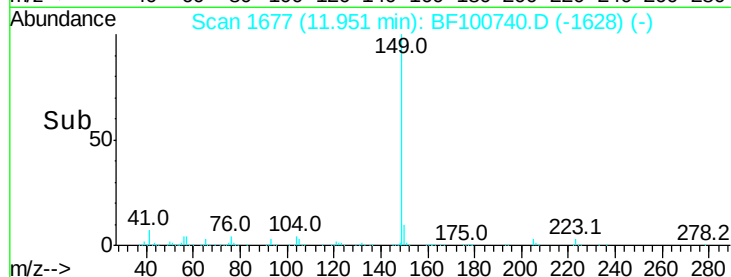
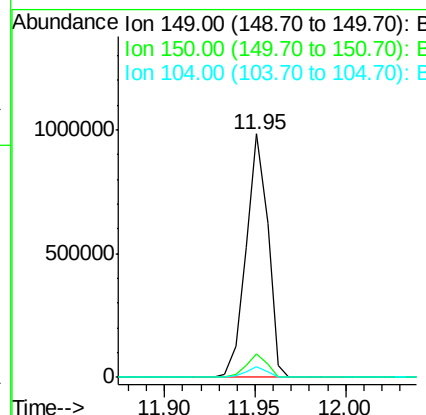
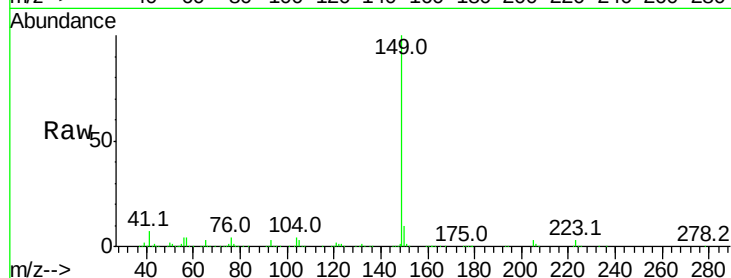
ClientSampleId :

MH-(0-12)MS

Tot Ion:	149	Resp:	820534
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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SOHIL
11/21/2017 2:15:31 PM



#74

Fluoranthene

Concen: 49.689 ng

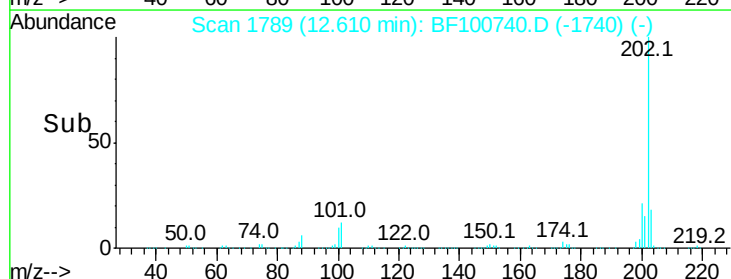
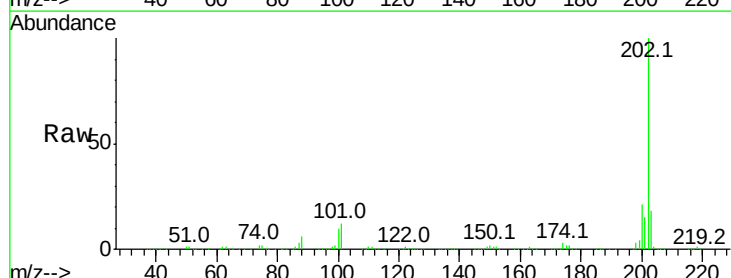
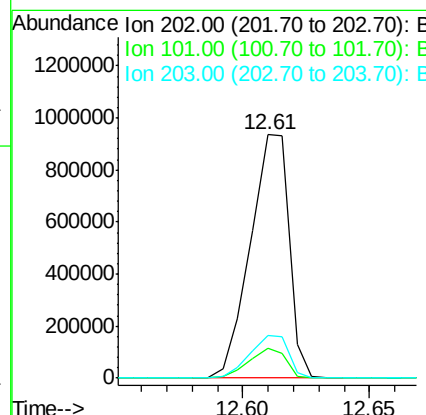
RT: 12.61 min Scan# 1789

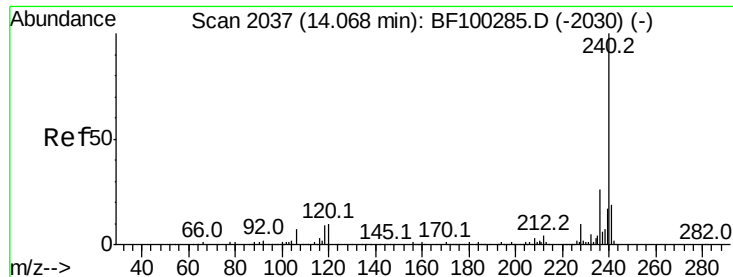
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion:	202	Resp:	1002313
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Instrument :

BNA_F

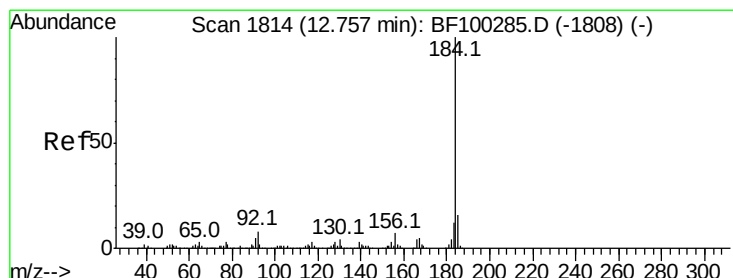
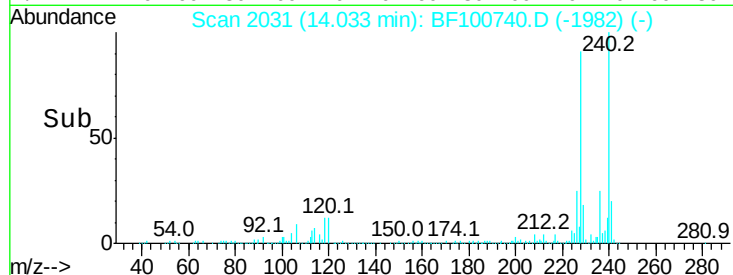
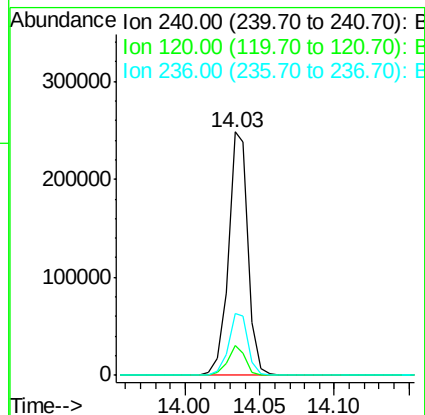
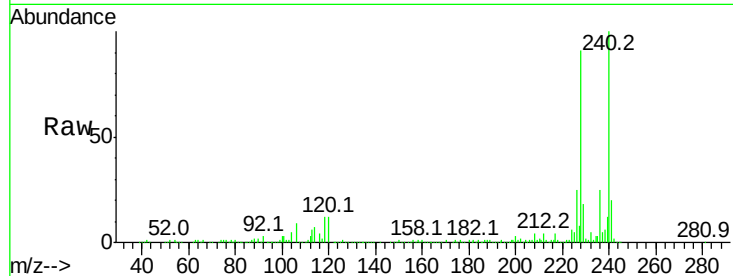
ClientSampleId :

MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.2	20.7	31.1

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#76

Benzidine

Concen: 19.488 ng

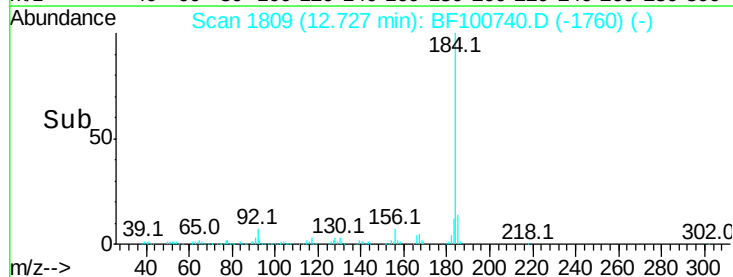
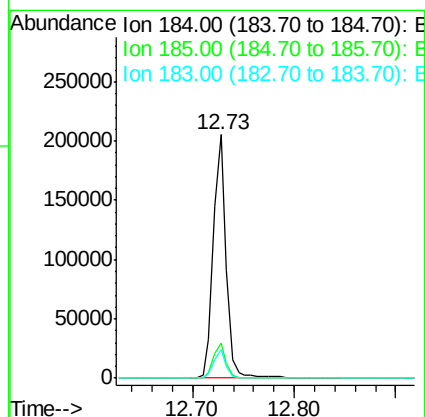
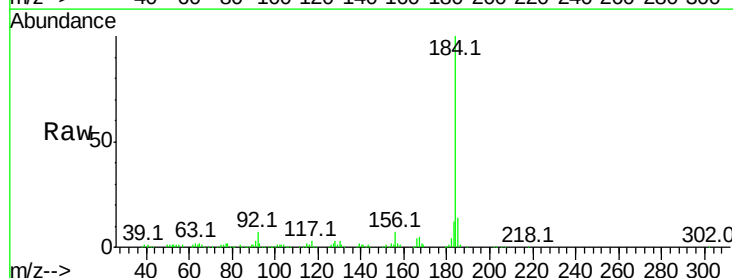
RT: 12.73 min Scan# 1809

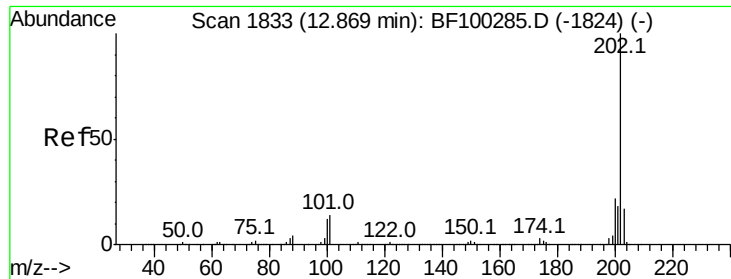
Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	12.0	9.3	13.9





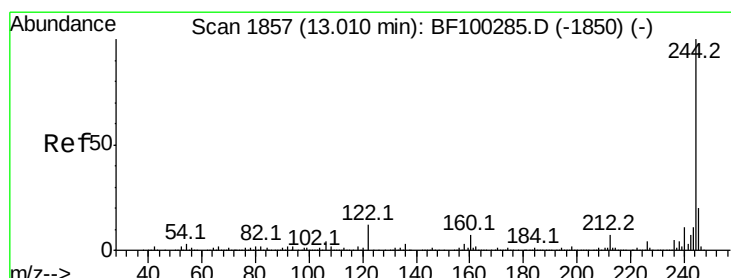
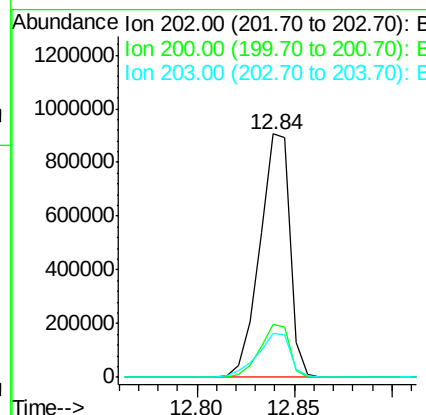
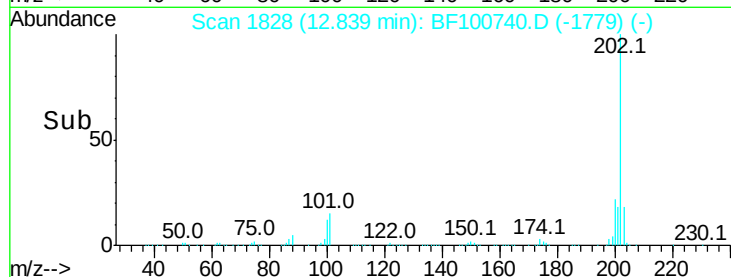
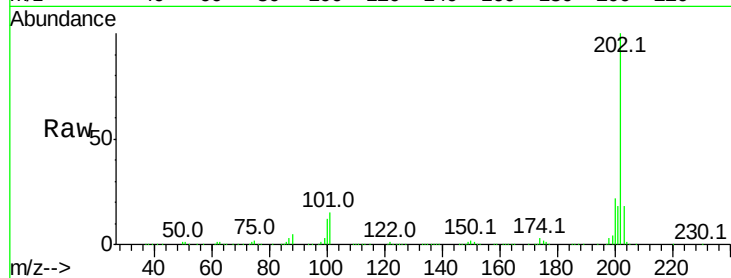
#77
Pvrene
Concen: 58.719 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

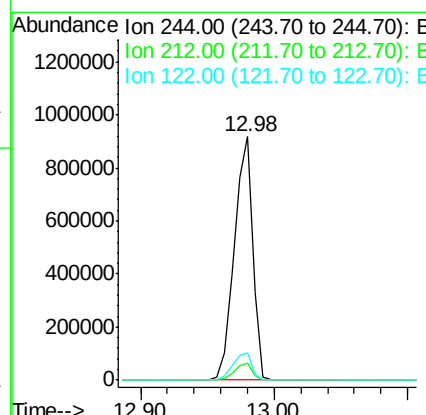
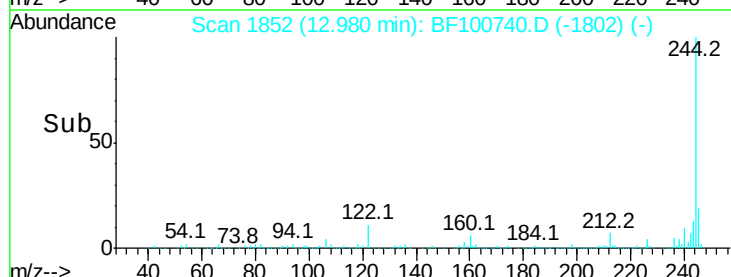
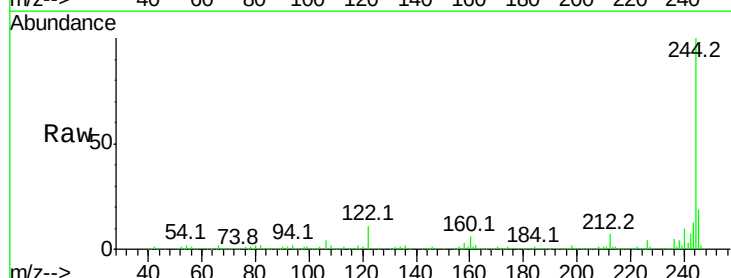
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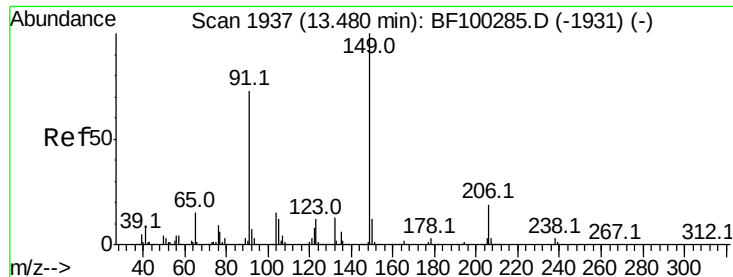
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#78
Terphenyl-d14
Concen: 89.197 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	11.0	16.4





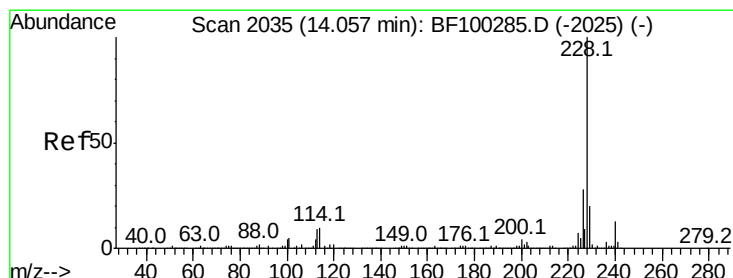
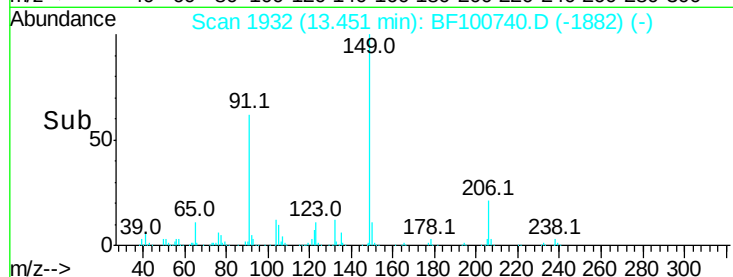
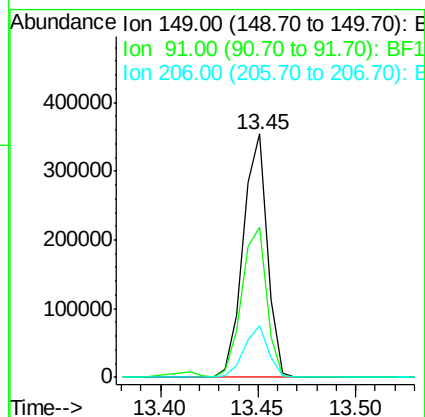
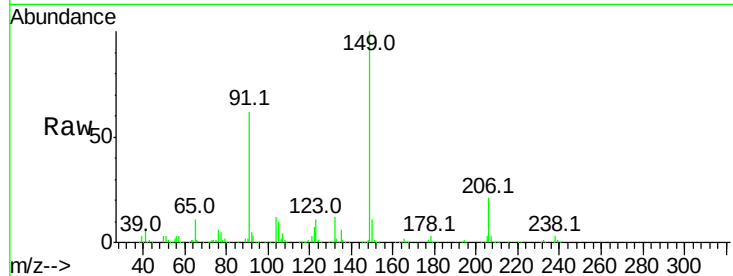
#79
Butylbenzylphthalate
Concen: 45.193 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	304267		
91	61.9	56.8	85.2	
206	21.1	14.1	21.1	

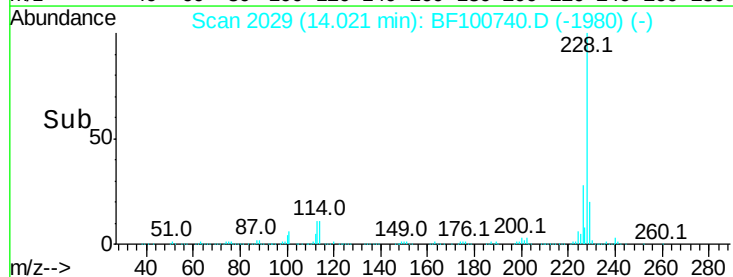
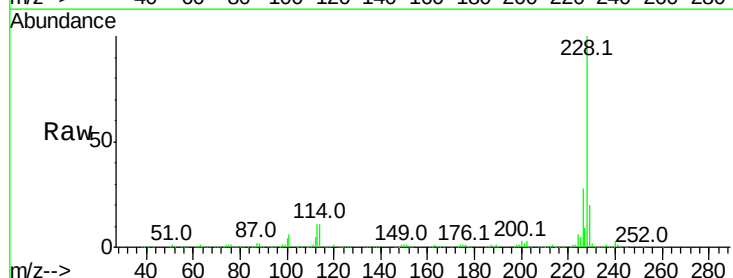
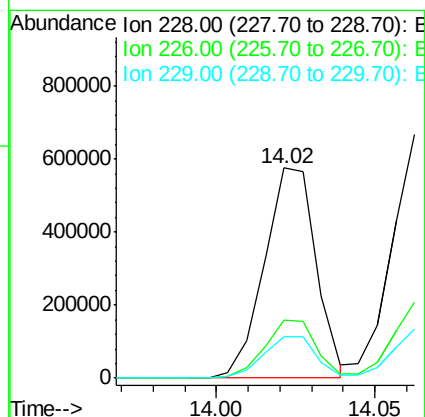
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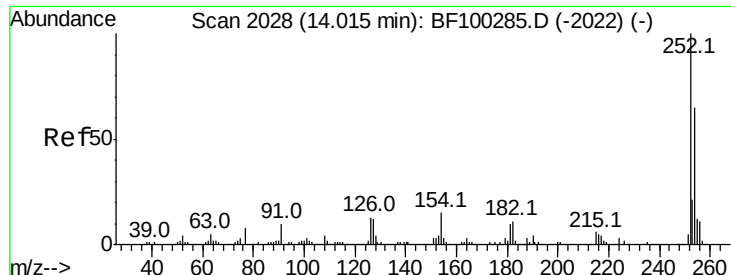
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#80
Benzo(a)anthracene
Concen: 46.857 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	653495		
226	27.7	22.6	33.8	
229	19.9	15.8	23.6	





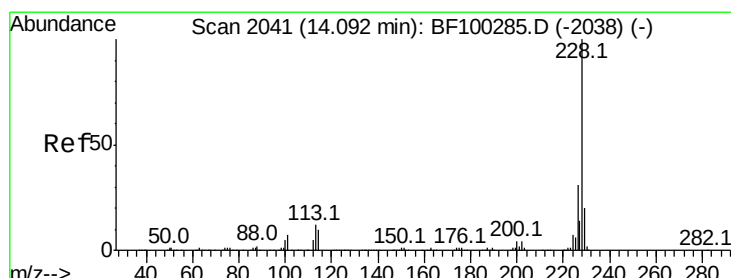
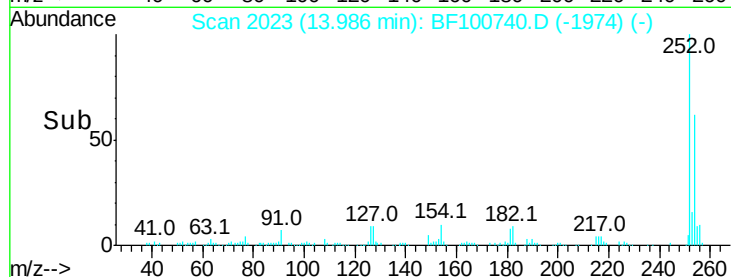
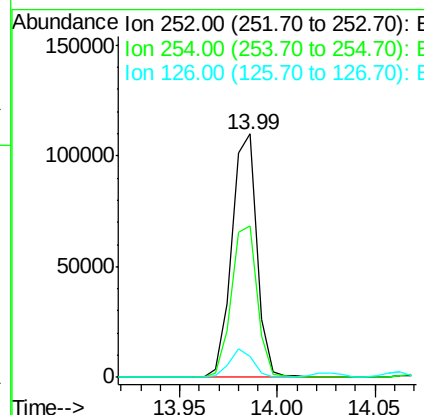
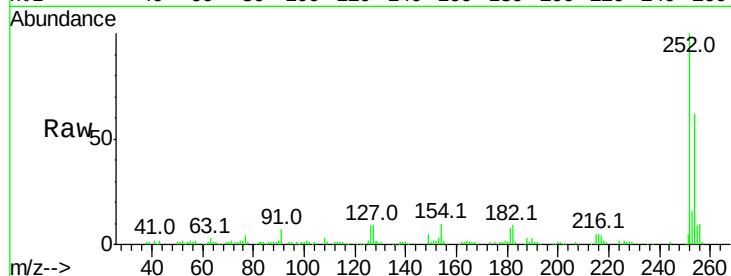
#81
 3,3'-Dichlorobenzidine
 Concen: 19.654 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampled :
 MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.4	75.6
126	8.6	11.3	16.9

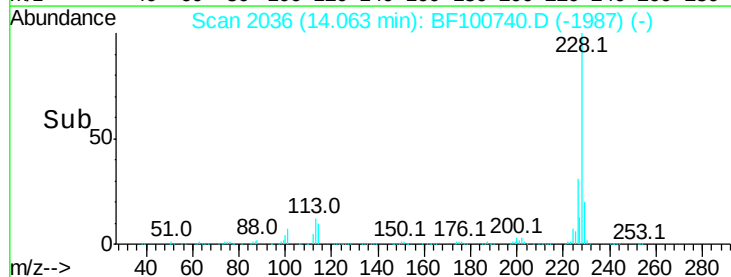
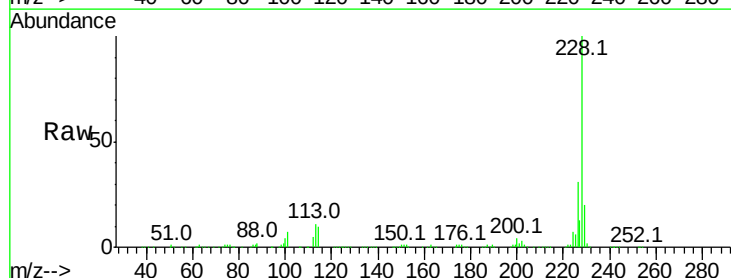
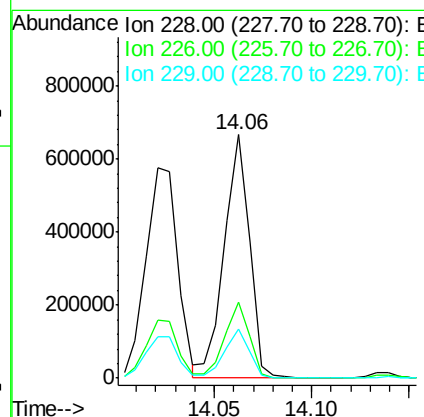
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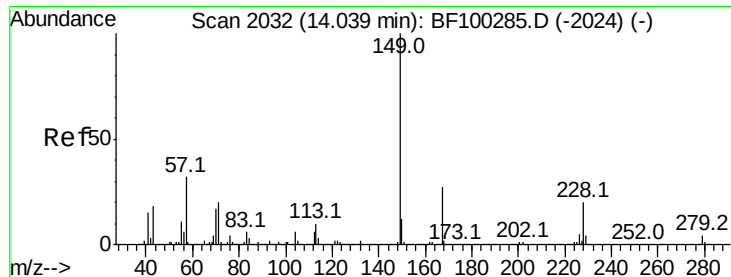
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#82
 Chrysene
 Concen: 44.273 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.9	16.2	24.4





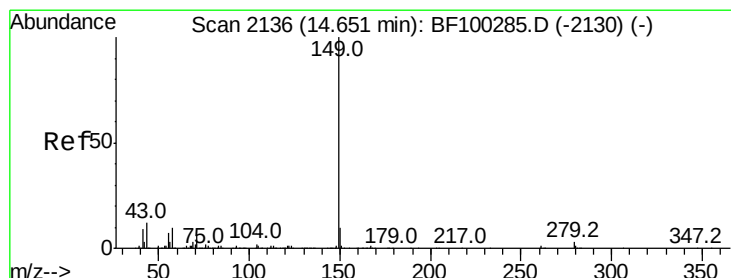
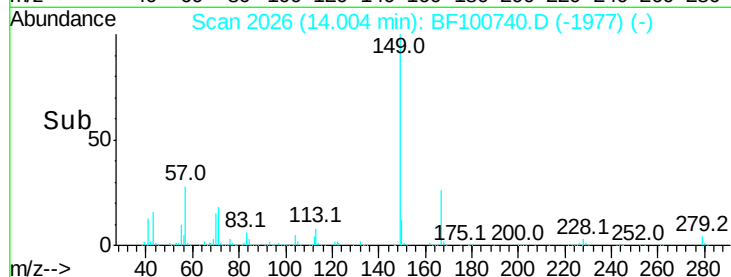
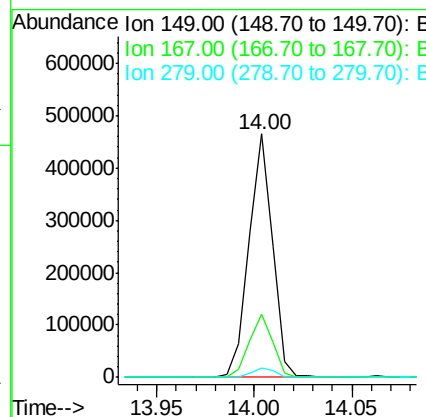
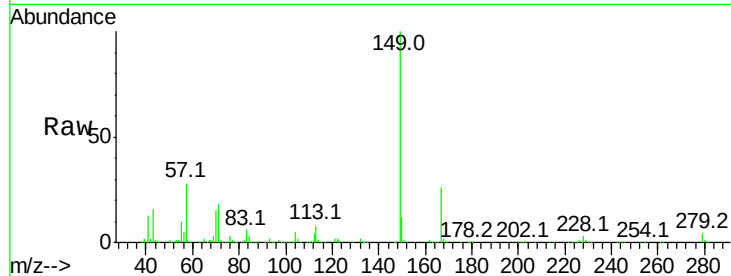
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.964 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-(0-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	389303		
167	26.0		21.3	31.9
279	3.7		3.0	4.4

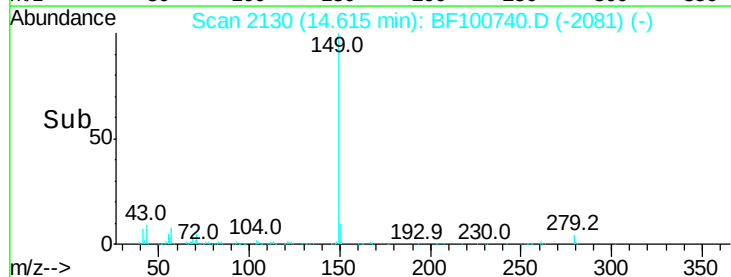
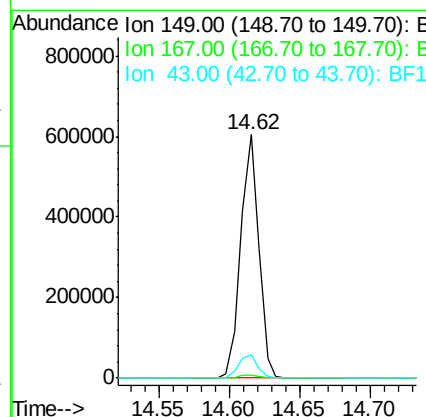
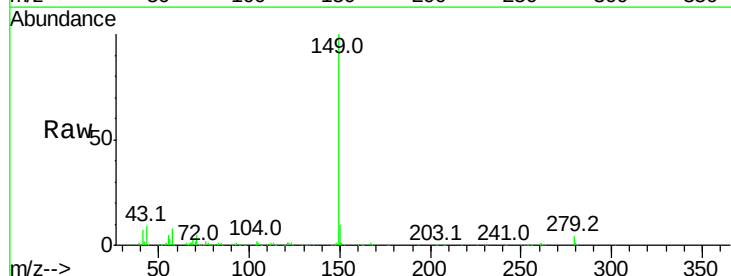
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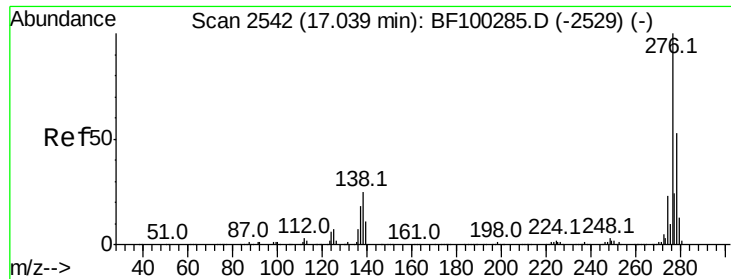
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#84
 Di-n-octyl phthalate
 Concen: 35.492 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100740.D
 Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539915		
167	1.5		1.2	1.8
43	9.7		8.4	12.6





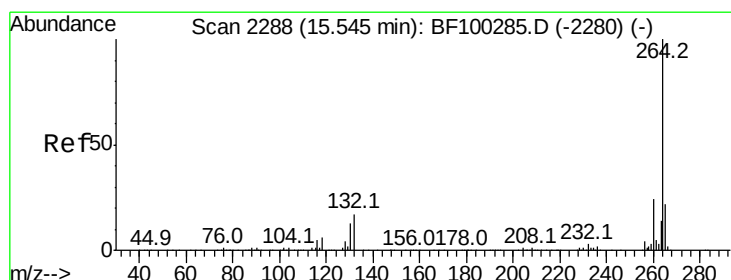
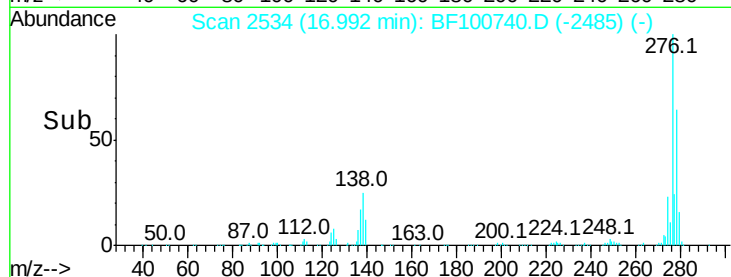
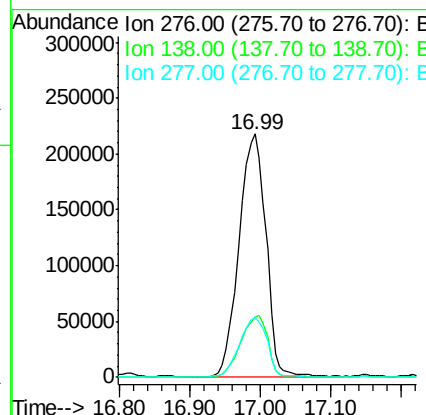
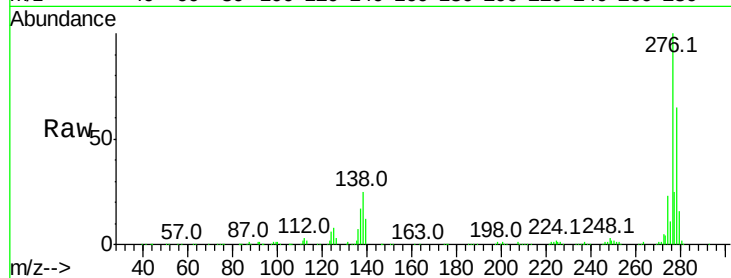
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.335 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampled :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.7	20.1	30.1

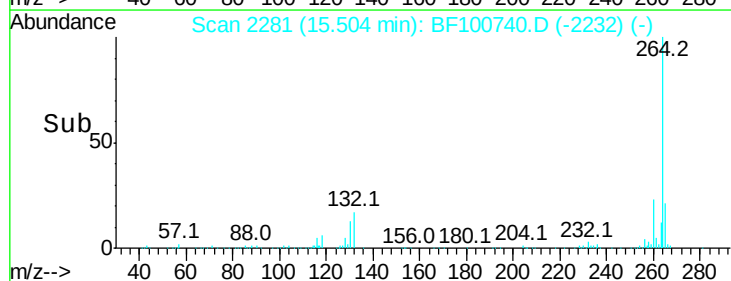
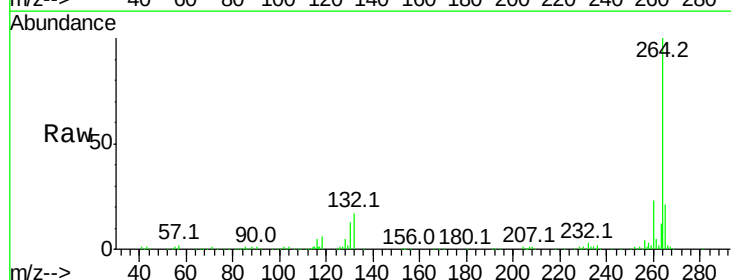
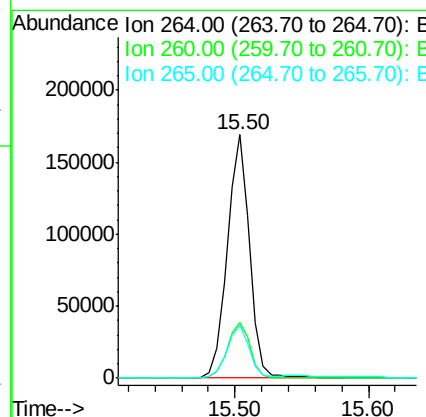
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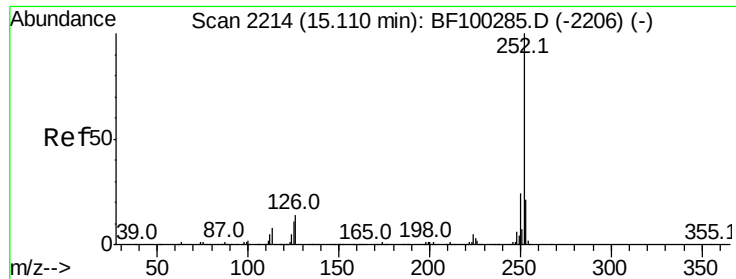
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.5	26.3





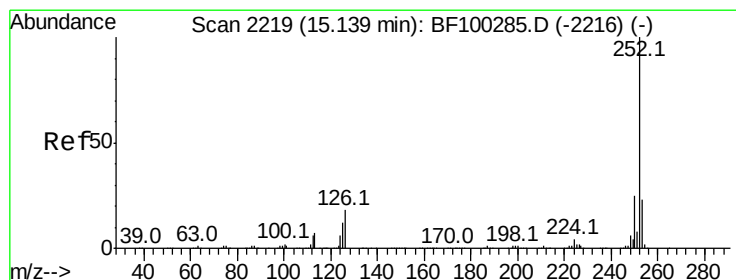
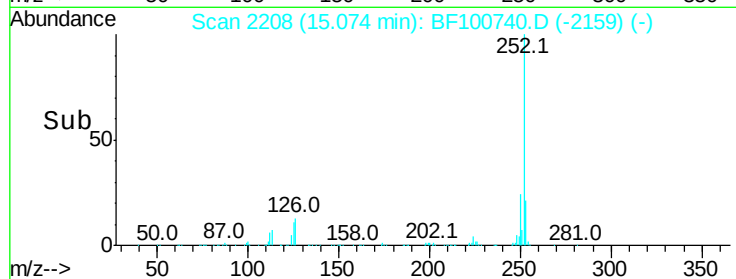
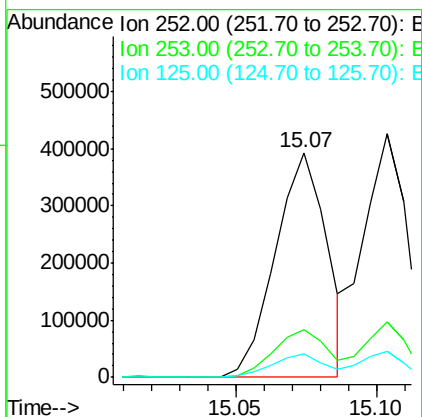
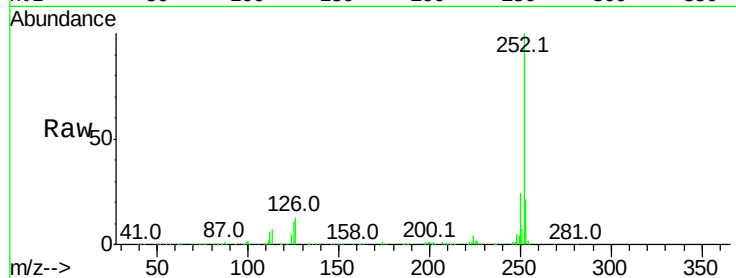
#87
Benzo(b)fluoranthene
Concen: 42.215 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	10.7	9.0	13.6

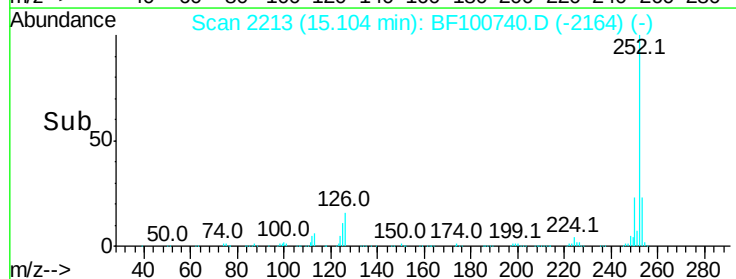
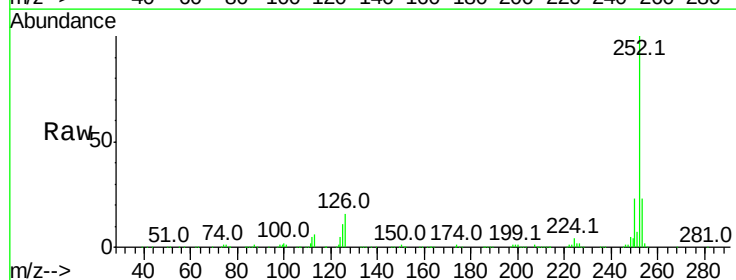
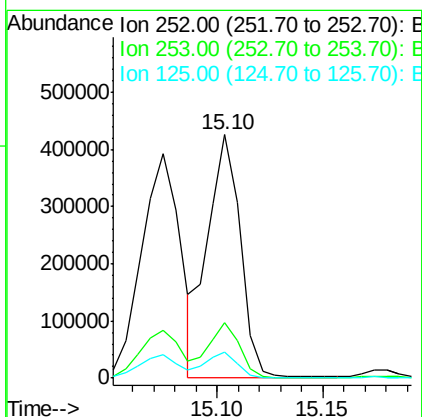
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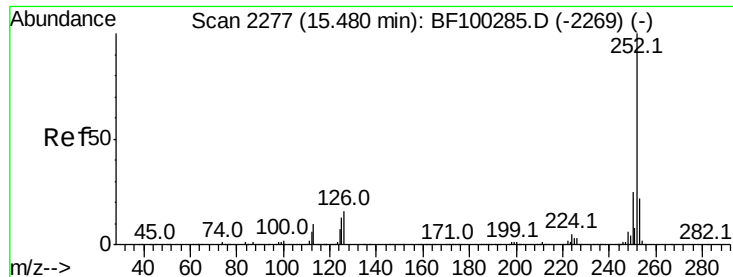
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#88
Benzo(k)fluoranthene
Concen: 41.431 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.7	10.2	15.2





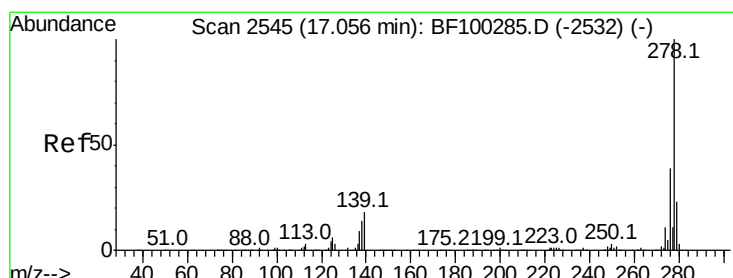
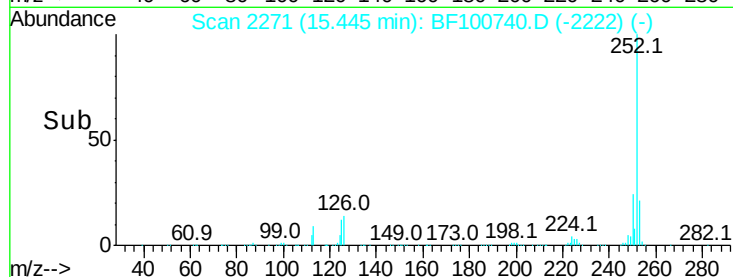
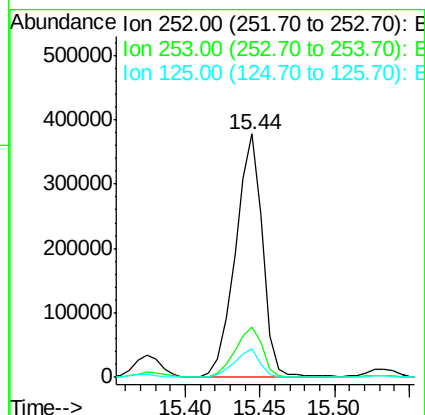
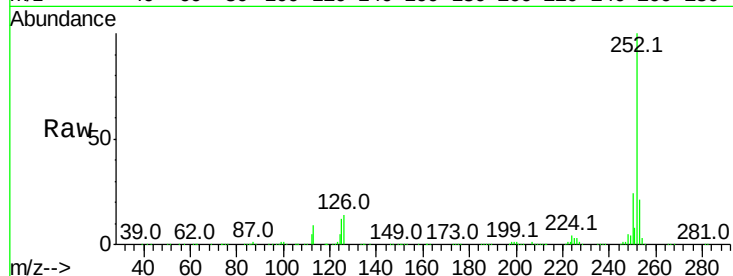
#89
Benzo(a)pyrene
Concen: 45.462 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.1	25.7
125	11.7	9.8	14.6

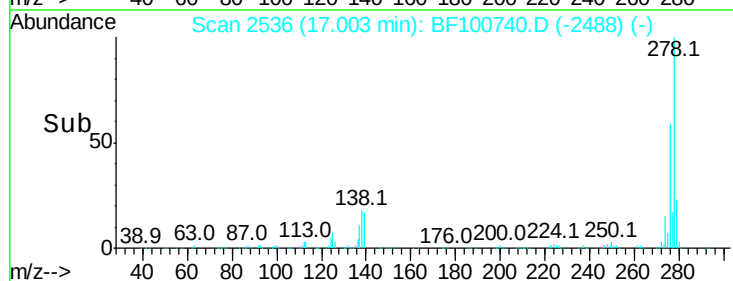
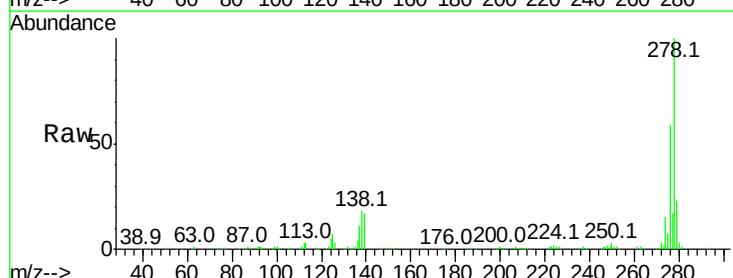
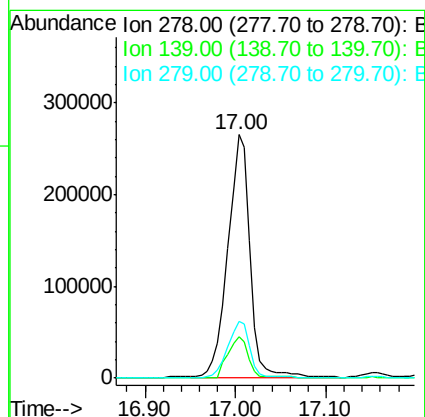
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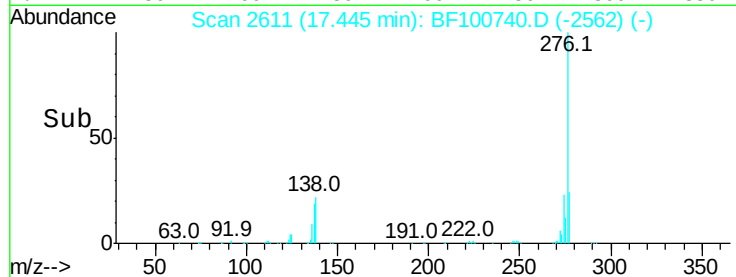
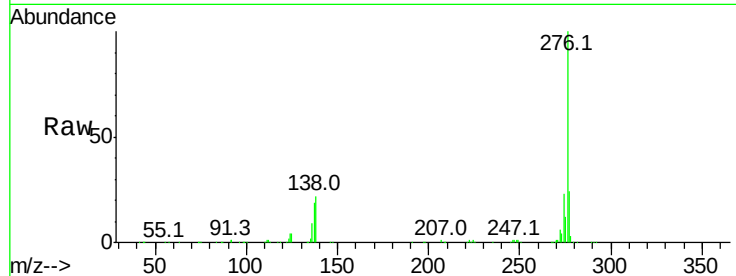
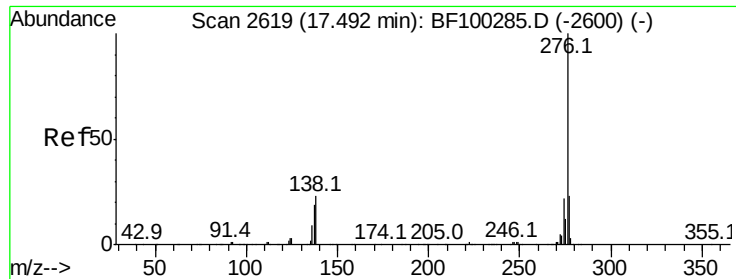
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#90
Dibenzo(a,h)anthracene
Concen: 52.232 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF100740.D
Acq: 20 Nov 2017 19:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 61.444 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100740.D

Acq: 20 Nov 2017 19:53

Tot Ion:	276	Resp:	514053
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	22.2	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

MH-(0-12)MS

Manual Integrations
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