

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100903.D
 Acq On : 27 Nov 2017 20:14
 Operator : SJ/JU
 Sample : I6289-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Manual Integrations
 APPROVED

Sohil
 11/28/2017 2:45:54 PM

Quant Time: Nov 28 07:08:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61710	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	238185	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	106533	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	183125	20.00	ng	0.00
75) Chrysene-d12	14.03	240	131711	20.00	ng	0.00
86) Perylene-d12	15.50	264	124301	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	486977	126.50	ng	0.03
7) Phenol-d6	6.50	99	548172	115.47	ng	0.01
23) Nitrobenzene-d5	7.43	82	406897	112.94	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	159945	147.34	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	833793	119.18	ng	0.00
78) Terphenyl-d14	12.97	244	632555	110.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	73342	39.093	ng	# 81
3) Pyridine	3.55	79	132162	25.821	ng	93
4) n-Nitrosodimethylamine	3.50	42	100853	40.584	ng	# 96
6) Aniline	6.53	93	28641	4.271	ng	# 82
8) 2-Chlorophenol	6.65	128	208245	51.133	ng	98
9) Benzaldehyde	6.42	77	60965	17.983	ng	94
10) Phenol	6.52	94	212567	42.654	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	202846	48.459	ng	98
12) 1,3-Dichlorobenzene	6.80	146	238883	50.876	ng	98
13) 1,4-Dichlorobenzene	6.88	146	241282	50.772	ng	97
14) 1,2-Dichlorobenzene	7.03	146	229091	52.138	ng	96
15) Benzyl Alcohol	7.00	79	158405	42.755	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	327432	48.907	ng	96
17) 2-Methylphenol	7.12	107	172742	49.634	ng	98
18) Hexachloroethane	7.37	117	75594	48.244	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	145511	44.199	ng	96
20) 3+4-Methylphenols	7.27	107	209702	47.615	ng	# 69
22) Acetophenone	7.27	105	279015	48.039	ng	# 93
24) Nitrobenzene	7.45	77	217814	58.741	ng	99
25) Isophorone	7.69	82	391774	51.748	ng	99
26) 2-Nitrophenol	7.76	139	113430	63.312	ng	90
27) 2,4-Dimethylphenol	7.80	122	189143	55.732	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	247411	49.960	ng	100
29) 2,4-Dichlorophenol	8.00	162	187929	58.005	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	195805	55.871	ng	94
31) Naphthalene	8.17	128	621447	54.170	ng	99
32) Benzoic acid	7.93	122	116480	45.441	ng	98
33) 4-Chloroaniline	8.23	127	22190	4.647	ng	# 90
34) Hexachlorobutadiene	8.27	225	116026	55.682	ng	97
35) Caprolactam	8.59	113	43955m	39.533	ng	
36) 4-Chloro-3-methylphenol	8.70	107	181448	52.146	ng	98
37) 2-Methylnaphthalene	8.86	142	420187	55.168	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	195110	55.222	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	67254	40.444	ng	95

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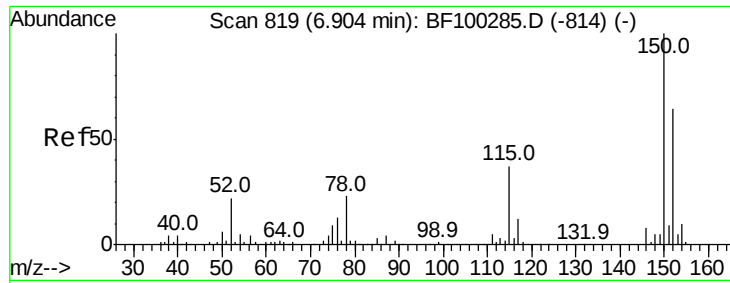
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	133902	59.797	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	139685	60.208	nq	93
45) 1,1'-Biphenyl	9.32	154	487819	52.943	nq	98
46) 2-Chloronaphthalene	9.35	162	391690	58.597	nq	96
47) 2-Nitroaniline	9.45	65	108066	54.324	nq	98
48) Acenaphthylene	9.76	152	581947	52.533	nq	100
49) Dimethylphthalate	9.62	163	461277	56.710	nq	100
50) 2,6-Dinitrotoluene	9.69	165	98933	61.447	nq	91
51) Acenaphthene	9.93	154	339158	50.341	nq	98
52) 3-Nitroaniline	9.85	138	31503	16.570	nq	90
53) 2,4-Dinitrophenol	9.96	184	37477	60.746	nq #	12
54) Dibenzofuran	10.10	168	504396	53.417	nq	99
55) 4-Nitrophenol	10.02	139	118817	76.965	nq	94
56) 2,4-Dinitrotoluene	10.09	165	122532	60.326	nq #	92
57) Fluorene	10.45	166	387253	55.983	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	107758	56.671	nq #	84
59) Diethylphthalate	10.32	149	436095	53.576	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	191260	56.362	nq	90
61) 4-Nitroaniline	10.47	138	75949	42.129	nq	89
62) Azobenzene	10.60	77	356645	46.520	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	28586	33.966	nq	79
65) n-Nitrosodiphenylamine	10.56	169	343654	53.971	nq	96
66) 4-Bromophenyl-phenylether	10.93	248	118133	60.178	nq #	88
67) Hexachlorobenzene	11.00	284	116982	56.977	nq #	83
68) Atrazine	11.09	200	101828	52.831	nq	95
69) Pentachlorophenol	11.19	266	120479	81.835	nq	98
70) Phenanthrene	11.41	178	521881	54.127	nq	98
71) Anthracene	11.46	178	525162	53.686	nq	99
72) Carbazole	11.62	167	438699	48.604	nq	99
73) Di-n-butylphthalate	11.94	149	610851	57.832	nq	99
74) Fluoranthene	12.60	202	492844	48.231	nq	97
76) Benzdine	12.72	184	12082	2.291	nq	99
77) Pyrene	12.83	202	497055	52.941	nq	99
79) Butylbenzylphthalate	13.44	149	215734	56.343	nq	94
80) Benzo(a)anthracene	14.02	228	447475	56.417	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	56968	20.047	nq #	97
82) Chrysene	14.06	228	422882	55.058	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	297125	59.001	nq	99
84) Di-n-octyl phthalate	14.60	149	495914	57.322	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	325469	52.389	nq #	93
87) Benzo(b)fluoranthene	15.07	252	406083	55.143	nq	98
88) Benzo(k)fluoranthene	15.10	252	404895	58.190	nq	97
89) Benzo(a)pyrene	15.44	252	366475	56.134	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	275509	51.602	nq #	95
91) Benzo(g,h,i)perylene	17.43	276	262341	50.195	nq #	93

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



#1

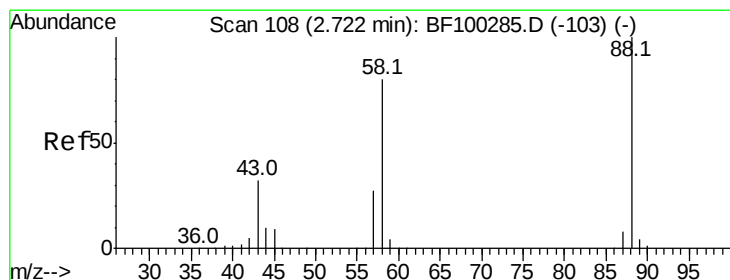
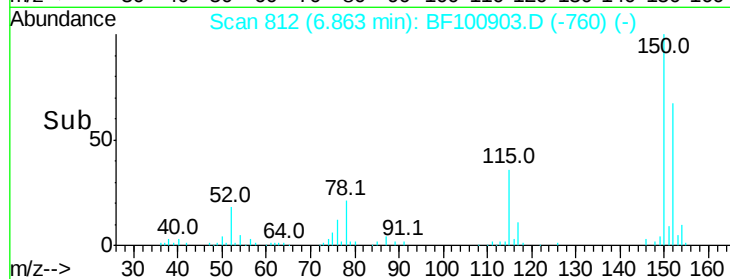
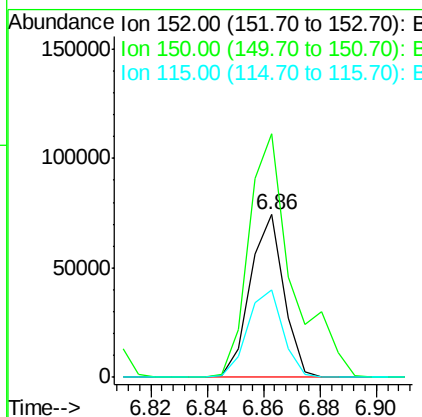
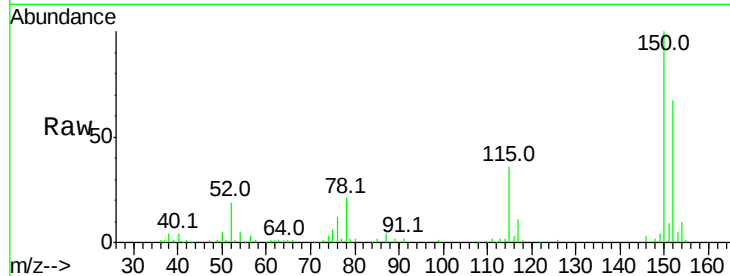
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	124.6	186.8
115	53.9	50.1	75.1

Manual Integrations
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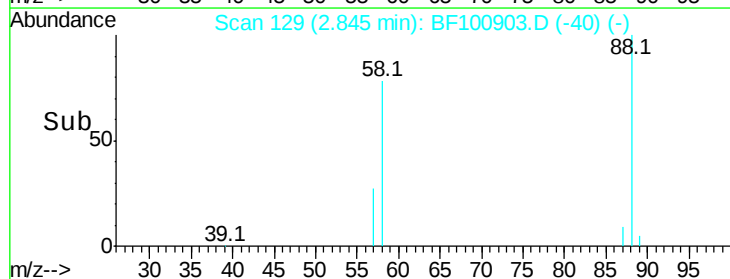
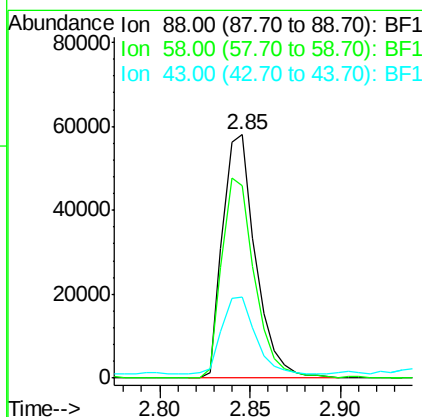
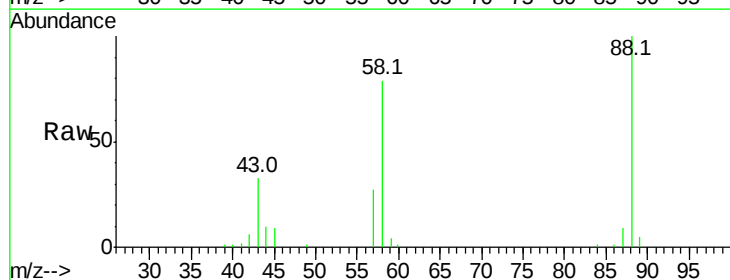
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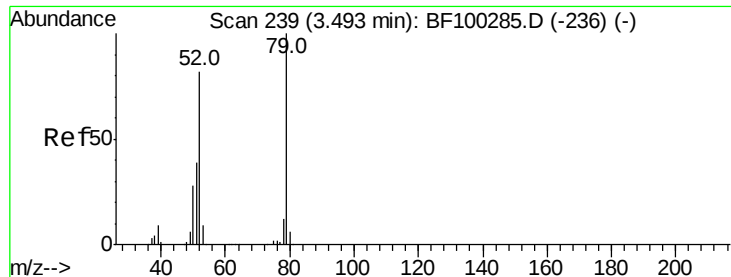


#2

1,4-Dioxane
Concen: 39.093 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.22 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	62.6	93.8
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 25.821 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.15 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

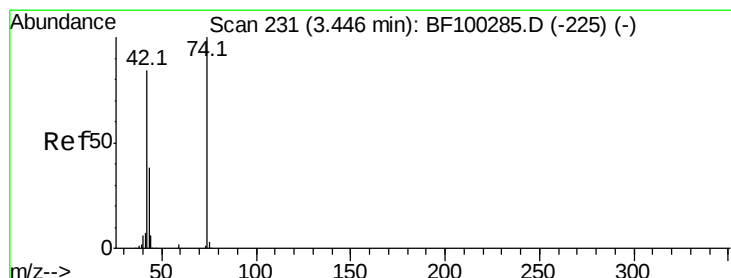
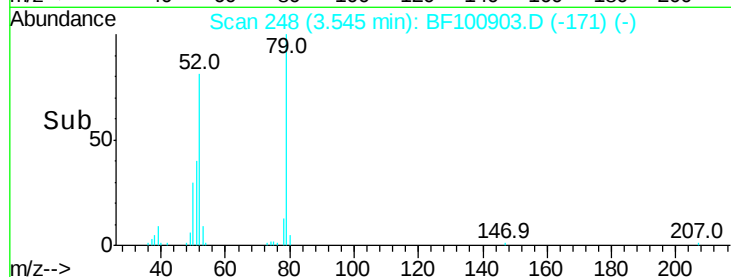
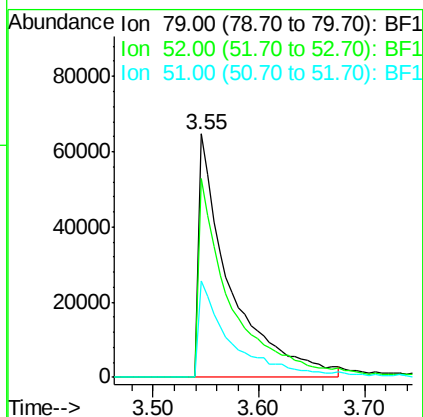
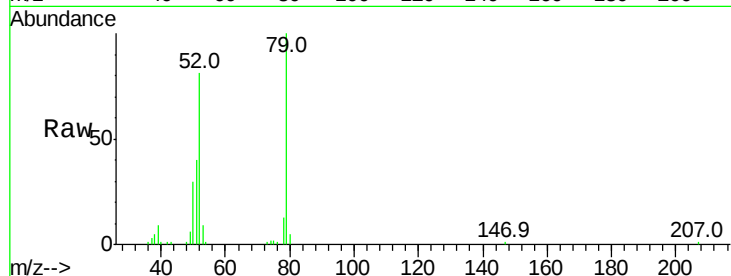
ClientSampleId :

SU-04-112117MSD

Tot Ion:	79	Resp:	132162
Ion Ratio	Lower	Upper	
79	100		
52	81.5	59.8	89.6
51	39.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.584 ng

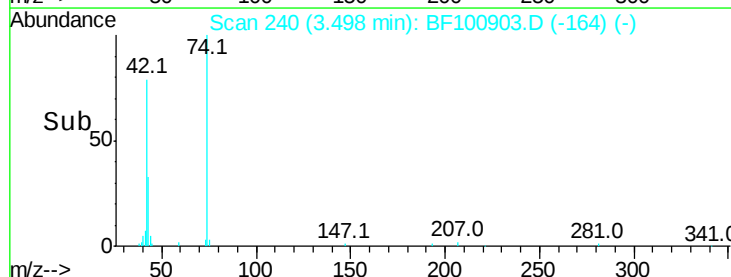
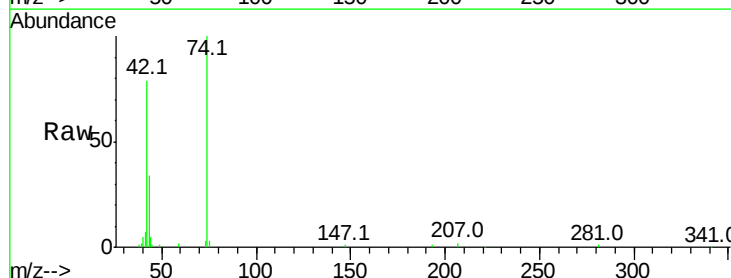
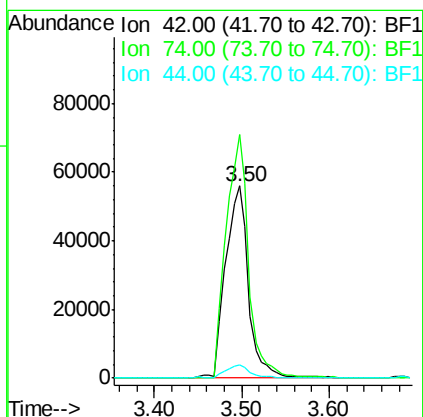
RT: 3.50 min Scan# 240

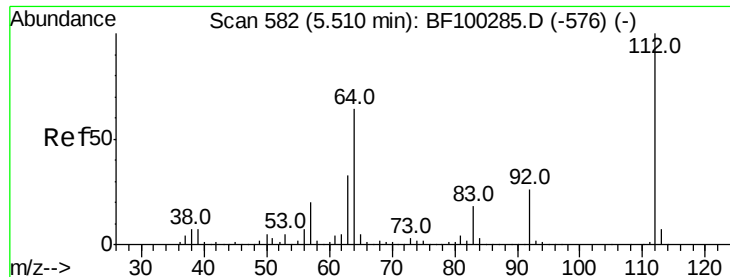
Delta R.T. 0.15 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	42	Resp:	100853
Ion Ratio	Lower	Upper	
42	100		
74	126.9	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 126.498 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.03 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

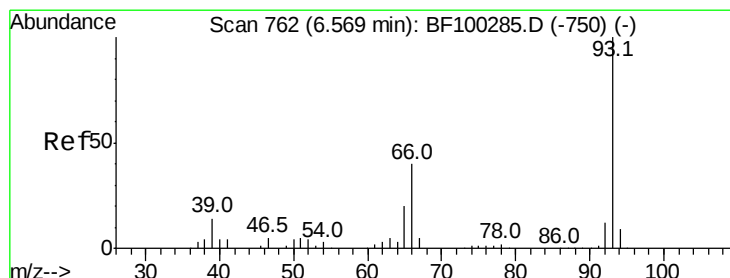
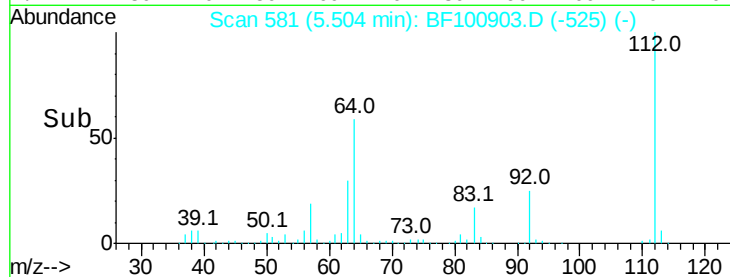
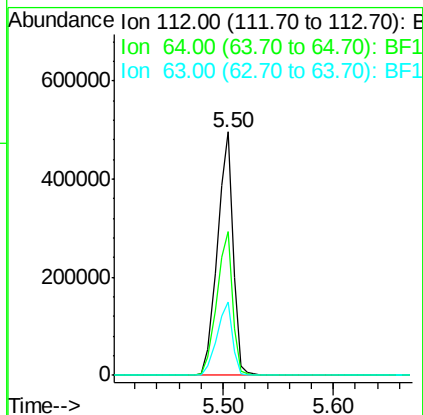
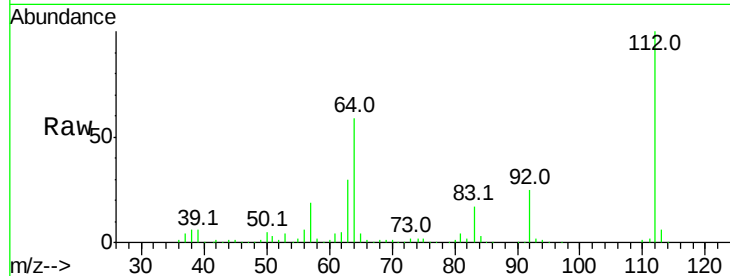
ClientSampleId :

SU-04-112117MSD

Tot Ion:	112	Resp:	486977
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.9	71.9
63	30.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 4.271 ng

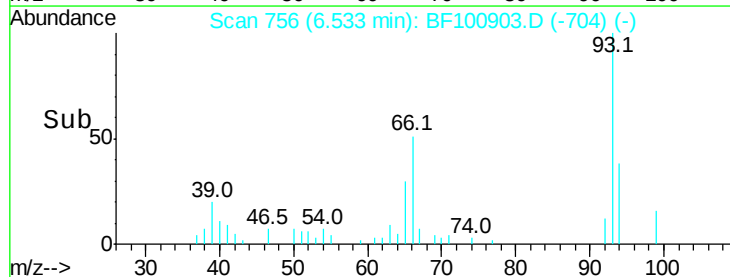
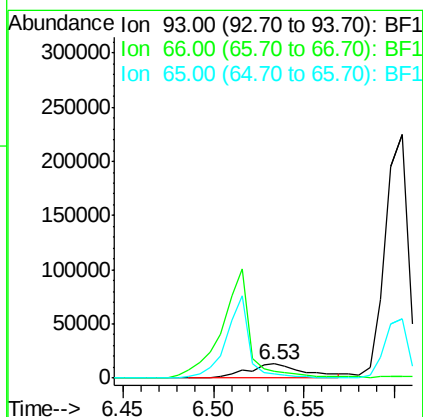
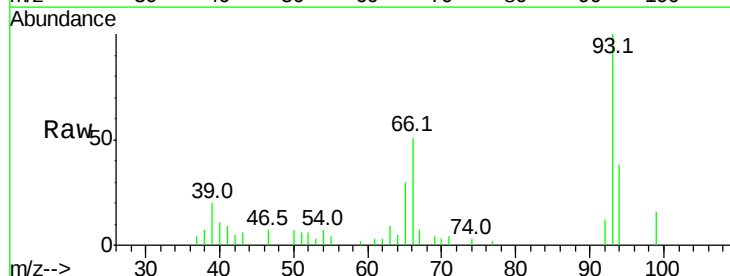
RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	93	Resp:	28641
Ion Ratio	Lower	Upper	
93	100		
66	50.9	32.2	48.2#
65	29.6	16.4	24.6#





#7

Phenol-d6

Concen: 115.473 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

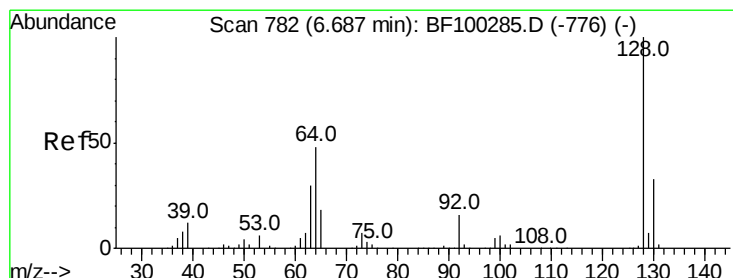
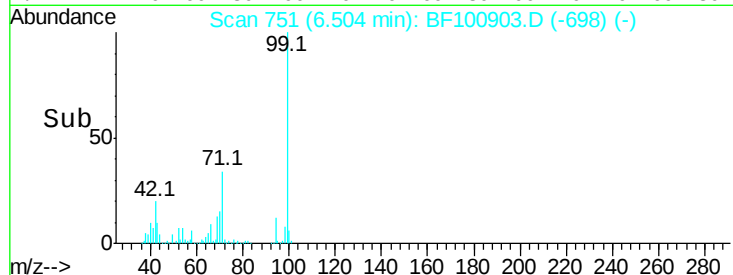
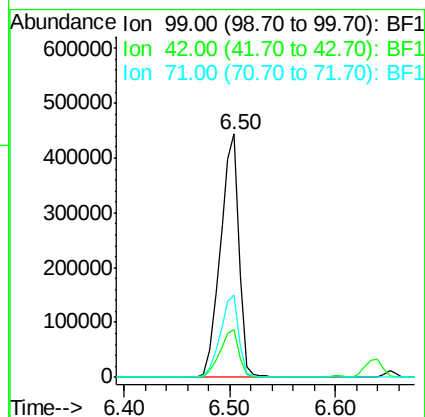
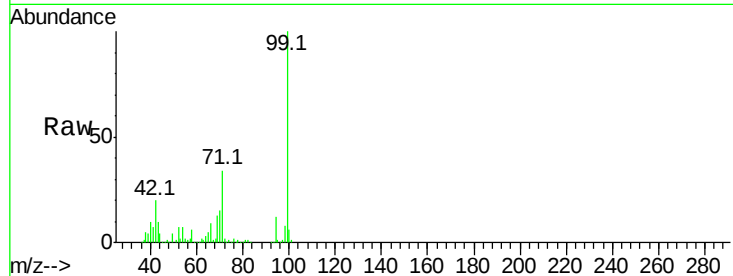
ClientSampleId :

SU-04-112117MSD

Tot Ion	99	Resp	548172
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	33.6	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 51.133 ng

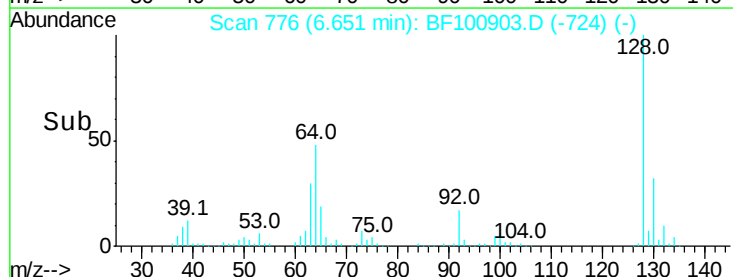
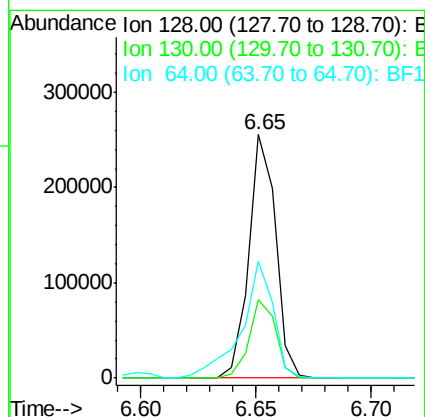
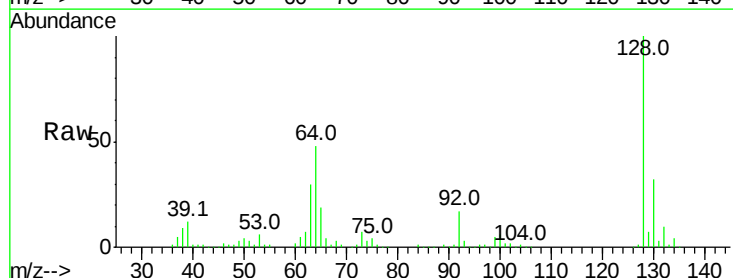
RT: 6.65 min Scan# 776

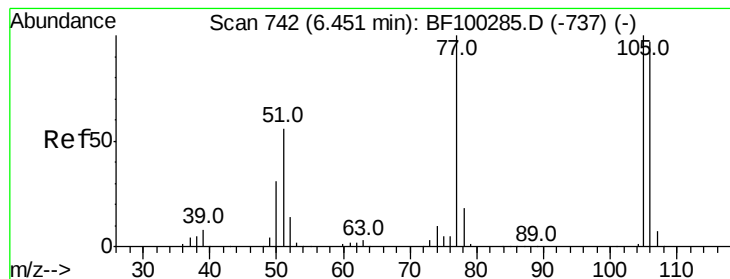
Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion	128	Resp	208245
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	47.9	29.4	69.4





#9

Benzaldehyde

Concen: 17.983 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MSD

Tot Ion: 77 Resp: 60965

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

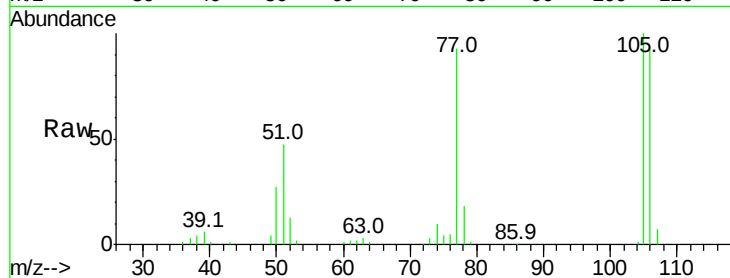
106 99.8 74.5 114.5

Manual Integrations

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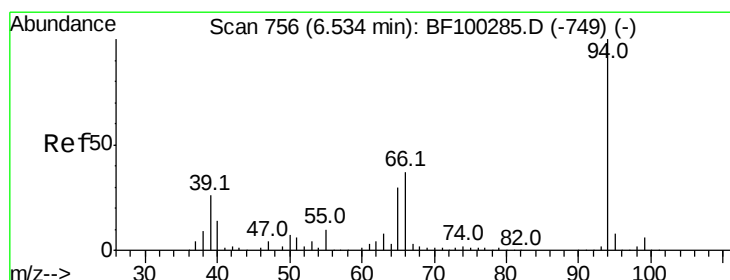
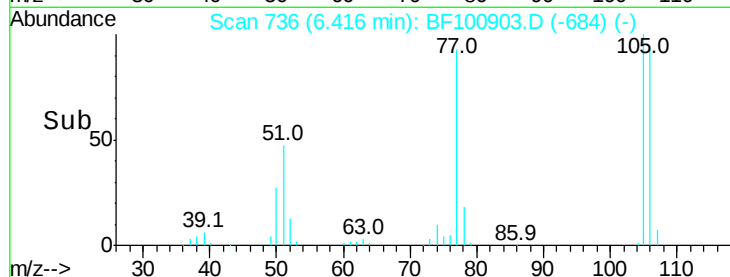
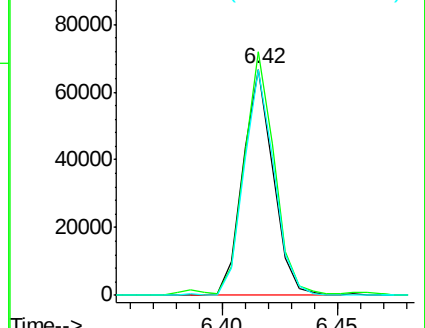
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.654 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

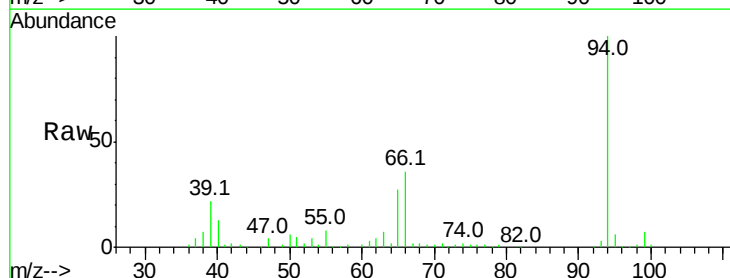
Tgt Ion: 94 Resp: 212567

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

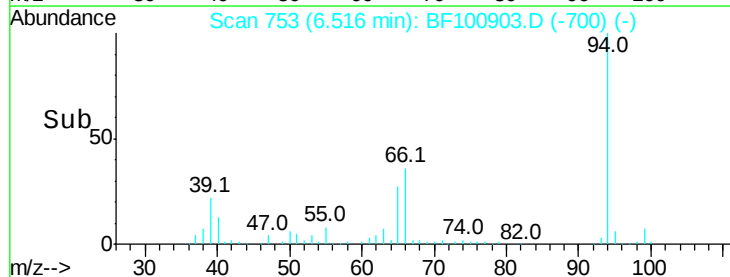
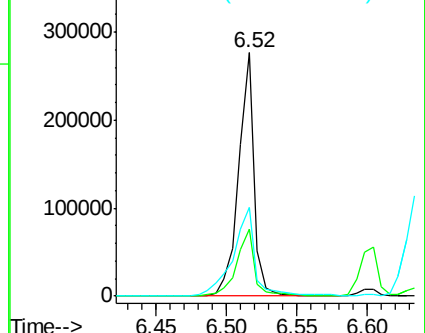
66 36.3 16.2 56.2



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: 48.459 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

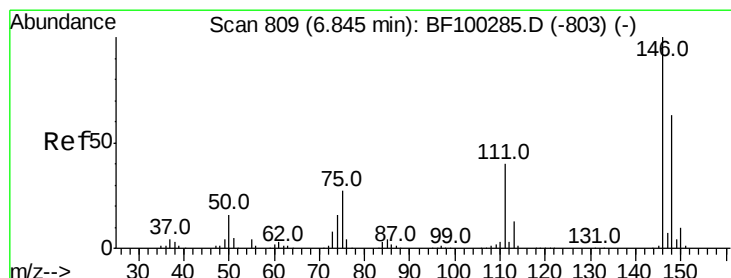
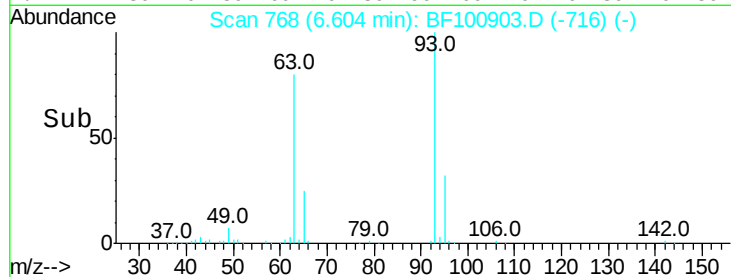
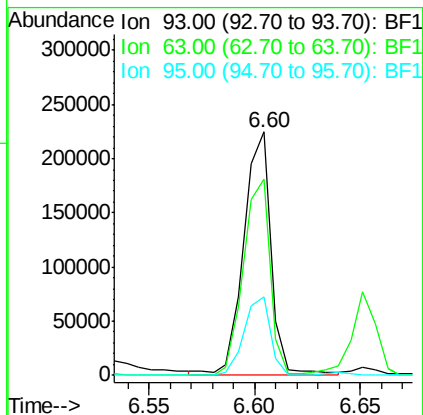
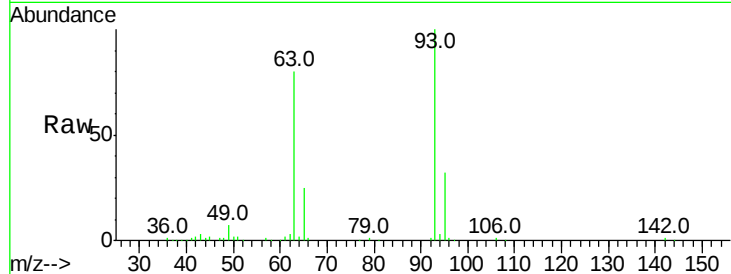
ClientSampleId :

SU-04-112117MSD

Tot Ion:	93	Resp:	202846
Ion Ratio	Lower	Upper	
93	100		
63	80.5	58.6	98.6
95	32.2	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 50.876 ng

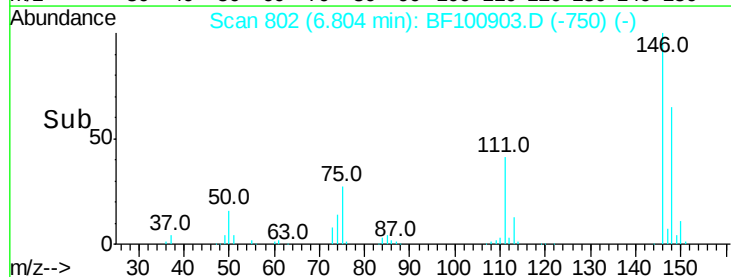
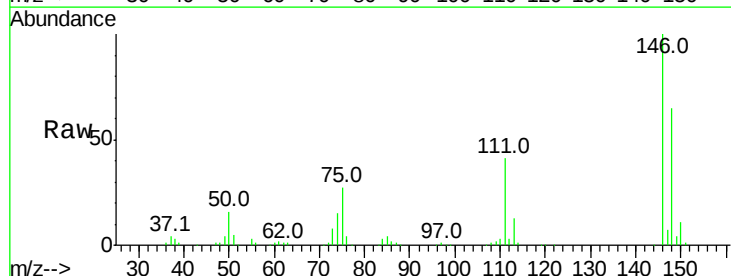
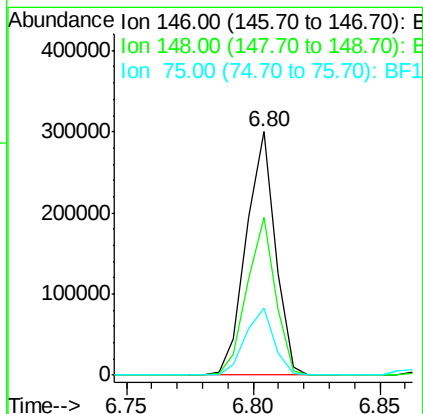
RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	146	Resp:	238883
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.8
75	27.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 50.772 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

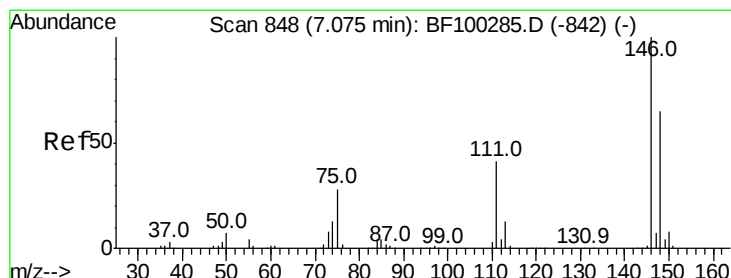
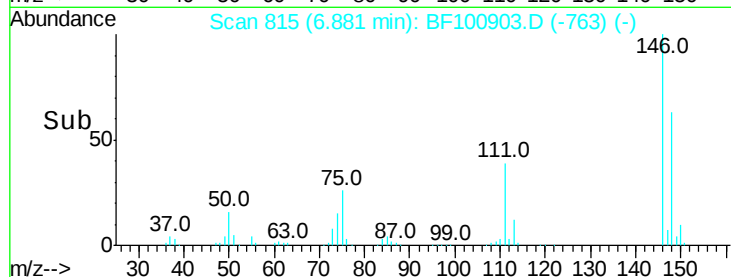
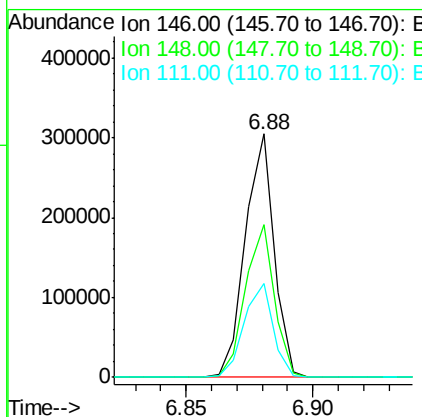
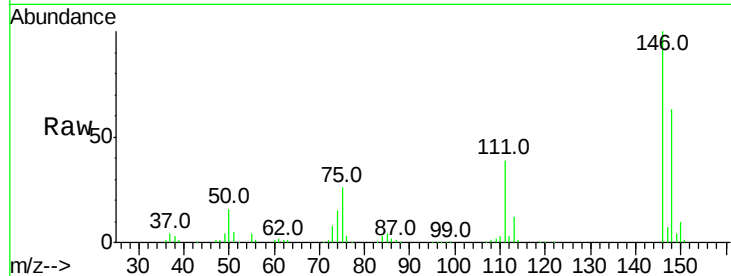
ClientSampleId :

SU-04-112117MSD

Tot Ion:	146	Resp:	241282
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.8	76.2
111	38.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 52.138 ng

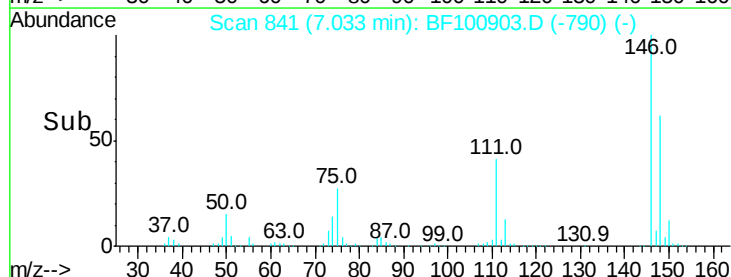
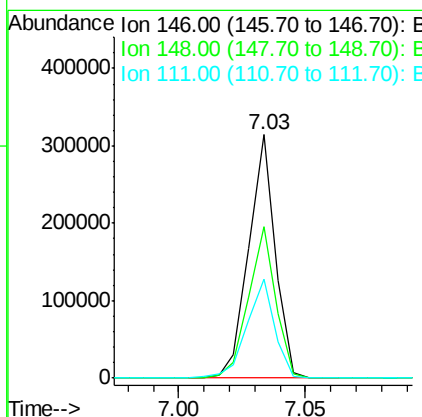
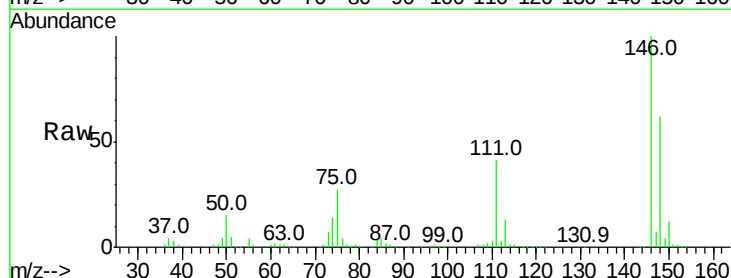
RT: 7.03 min Scan# 841

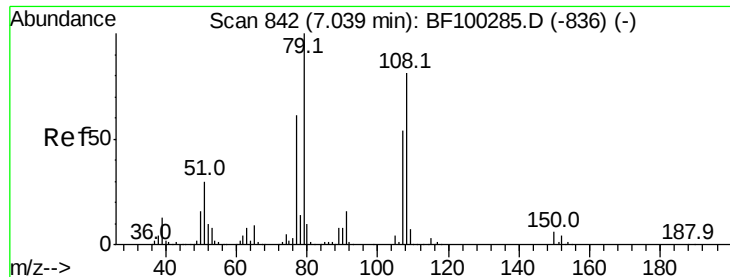
Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	146	Resp:	229091
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.6	75.8
111	40.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.755 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MSD

Tot Ion: 79 Resp: 158405

Ion Ratio Lower Upper

79 100

108 78.6 65.1 97.7

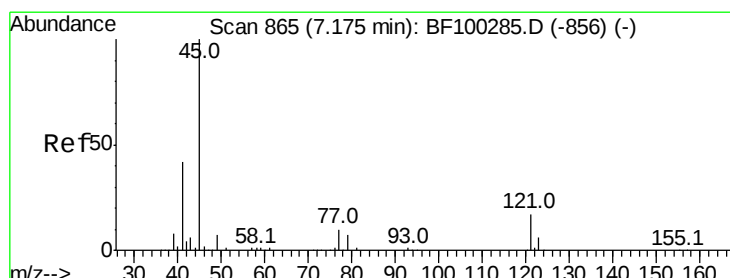
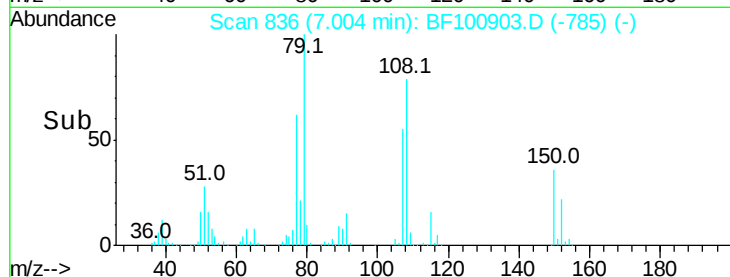
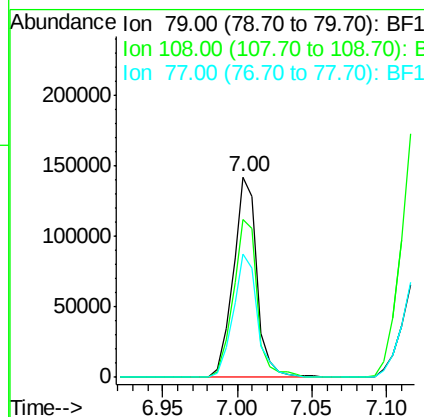
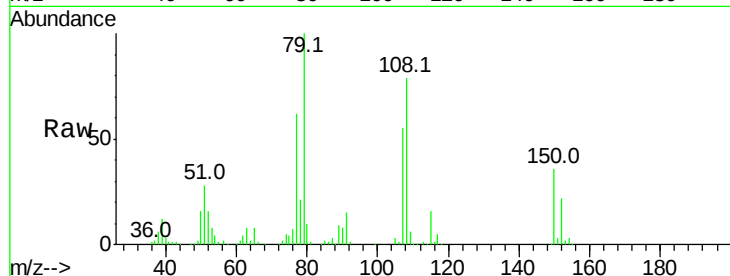
77 61.5 50.6 75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.907 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

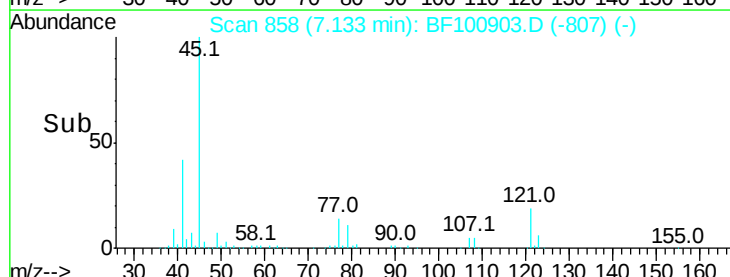
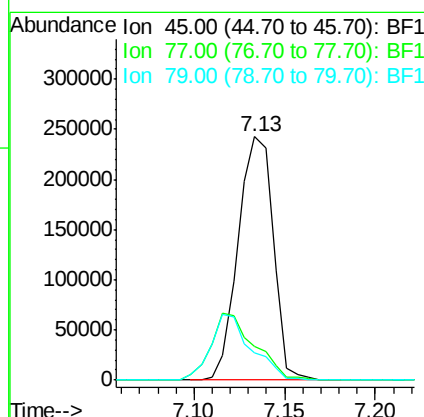
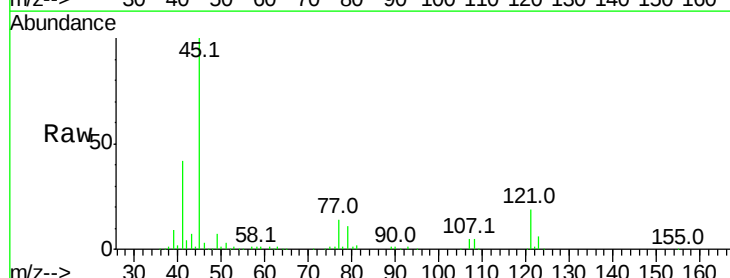
Tgt Ion: 45 Resp: 327432

Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

79 11.4 0.0 29.6





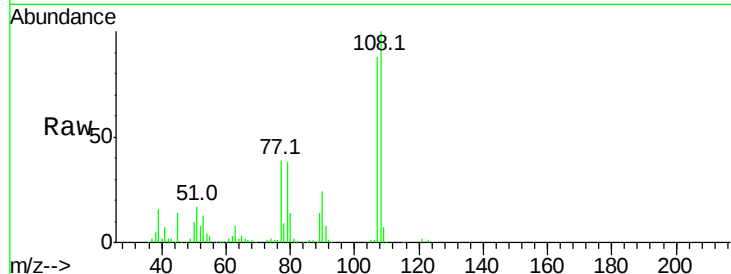
#17
2-Methylphenol
Concen: 49.634 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

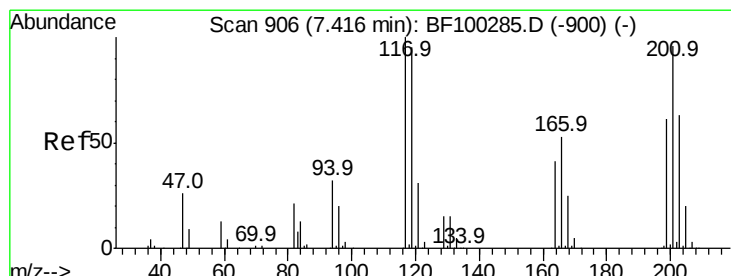
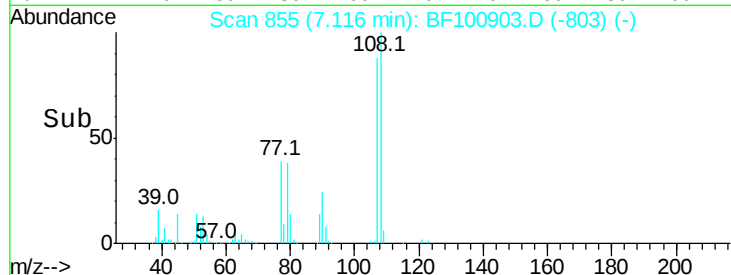
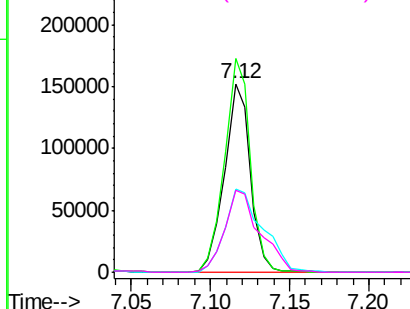
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.7	137.5	
77	44.1	33.8	50.8	
79	43.4	33.8	50.8	

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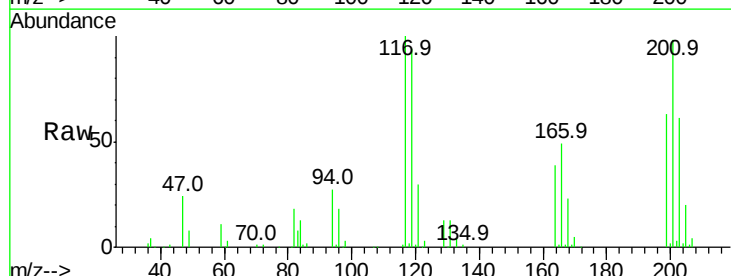


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

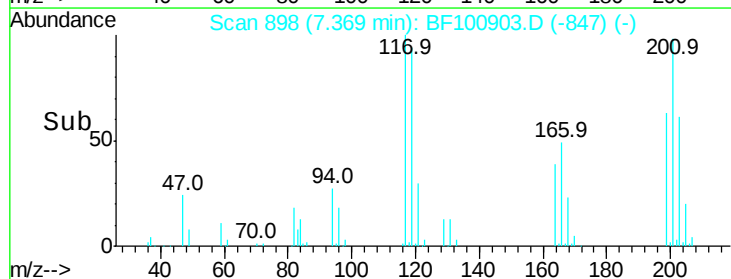
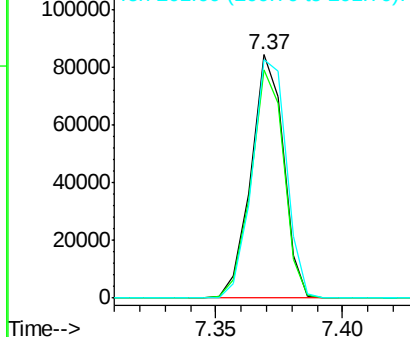


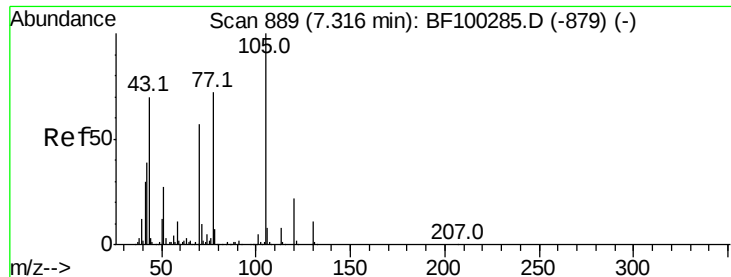
#18
Hexachloroethane
Concen: 48.244 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	75.8	113.8	
201	98.0	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





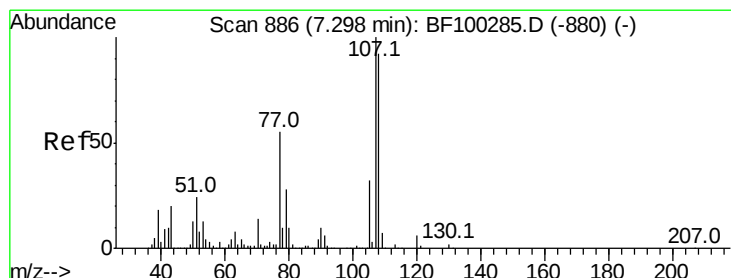
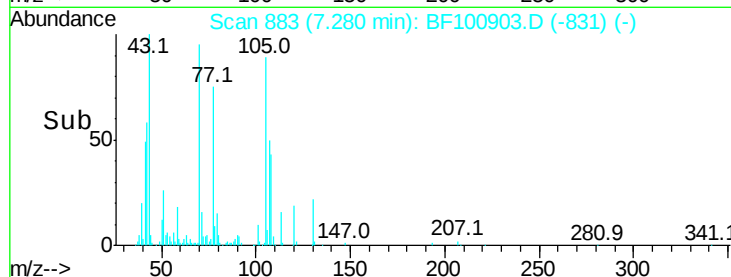
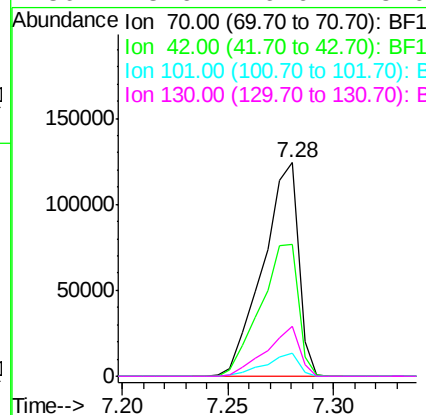
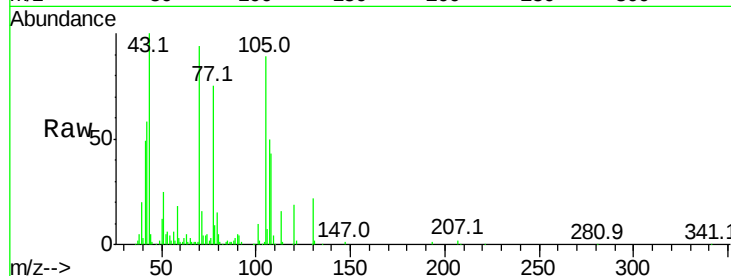
#19
n-Nitroso-di-n-propylamine
Concen: 44.199 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		145511		
42	61.8	47.5	71.3		
101	10.6	7.4	11.2		
130	23.6	16.6	25.0		

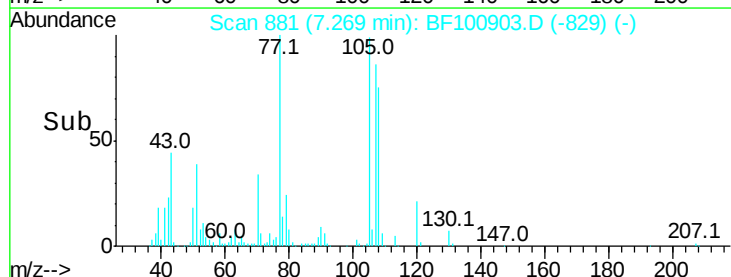
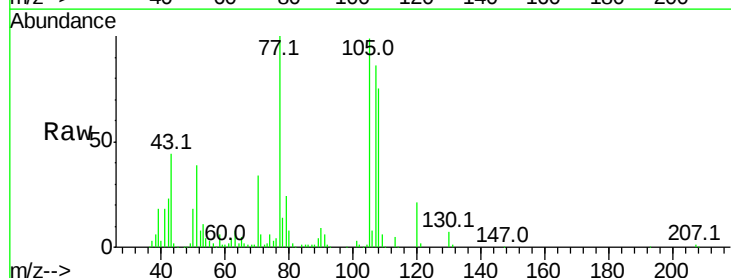
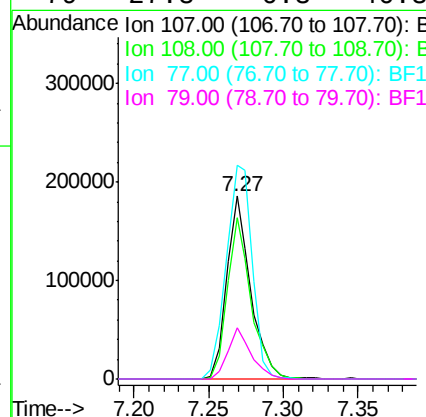
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#20
3+4-Methylphenols
Concen: 47.615 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		209702		
108	87.9	68.2	108.2		
77	116.7	26.7	66.7#		
79	27.8	6.3	46.3		





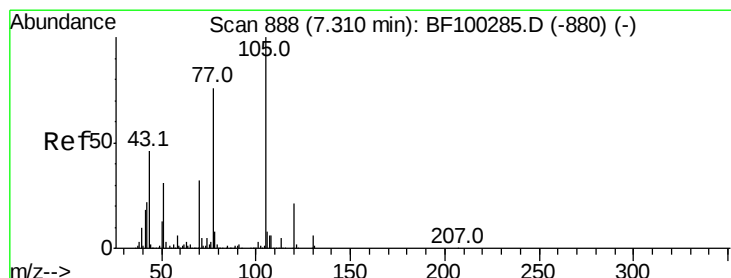
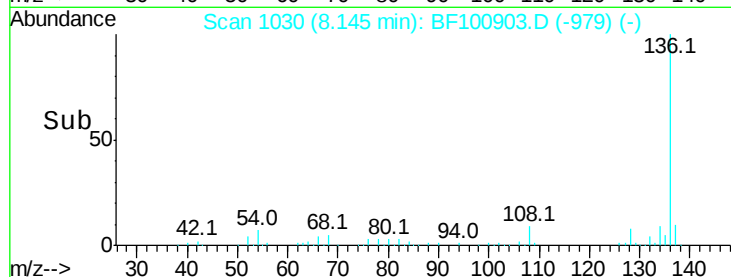
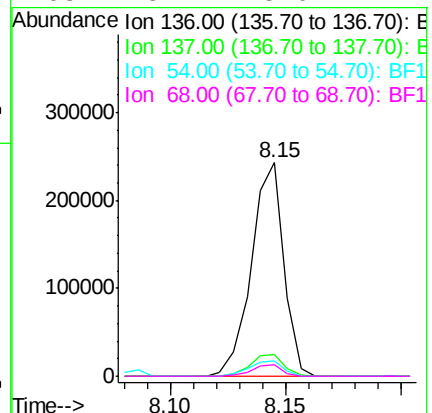
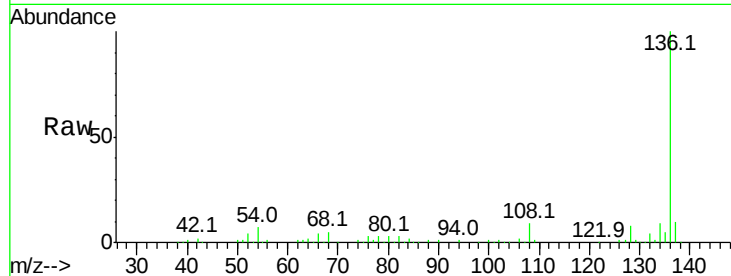
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.9	13.3	
54	6.9	6.6	9.8	
68	5.1	5.0	7.4	

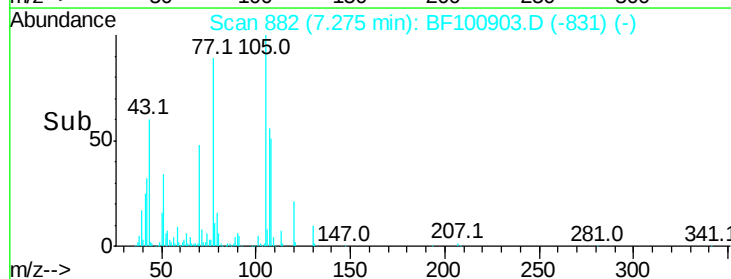
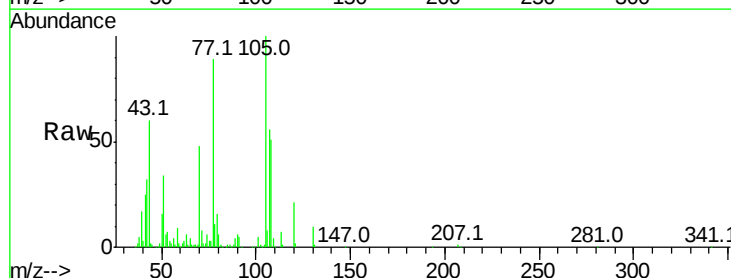
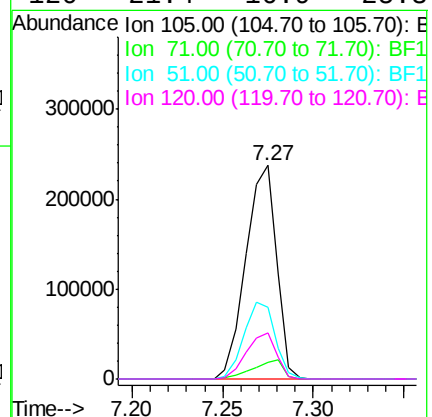
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#22
Acetophenone
Concen: 48.039 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	4.4	6.6#	
51	33.7	22.3	33.5#	
120	21.4	16.9	25.3	





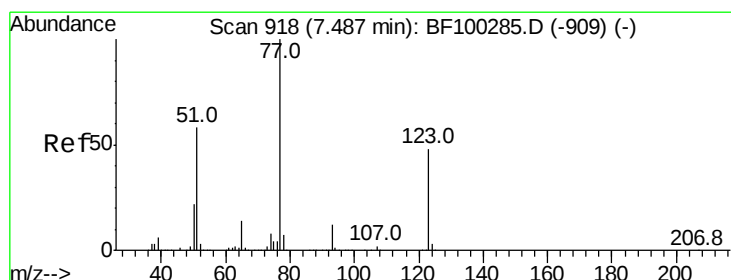
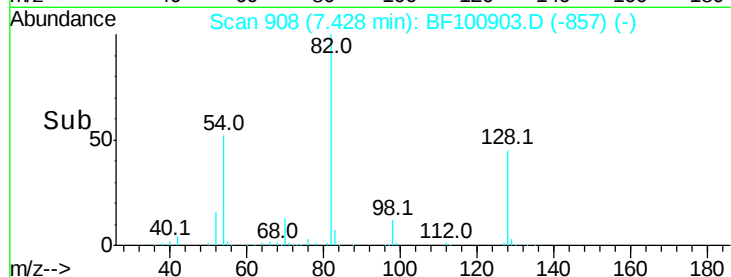
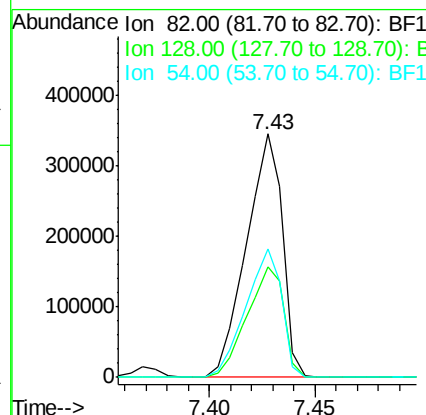
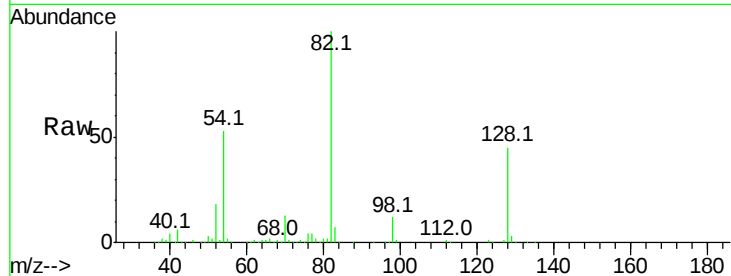
#23
Nitrobenzene-d5
Concen: 112.943 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	52.7	41.4	62.2

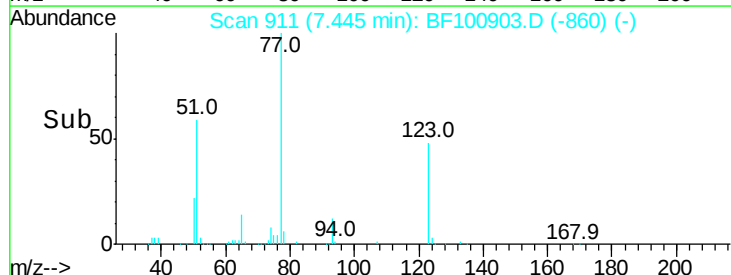
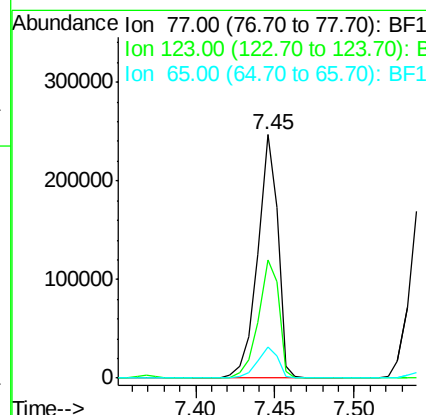
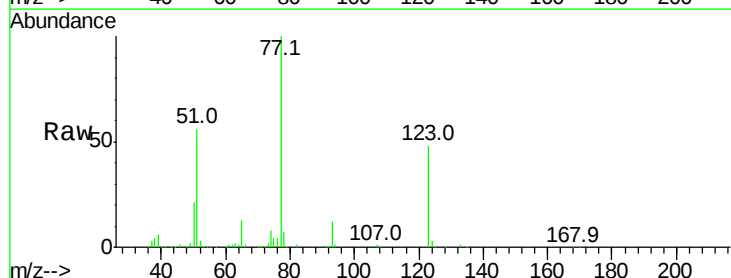
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#24
Nitrobenzene
Concen: 58.741 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 51.748 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

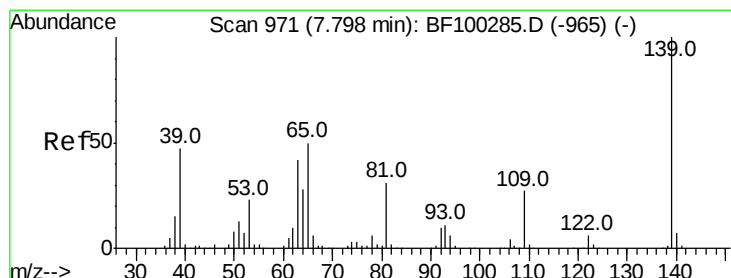
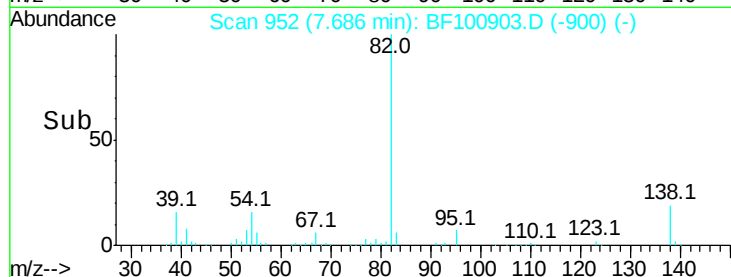
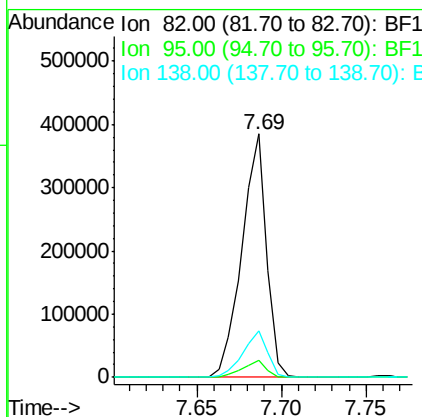
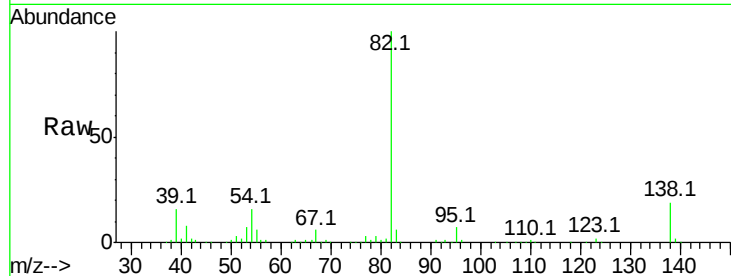
ClientSampleId :

SU-04-112117MSD

Tot Ion:	82	Resp:	391774
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 63.312 ng

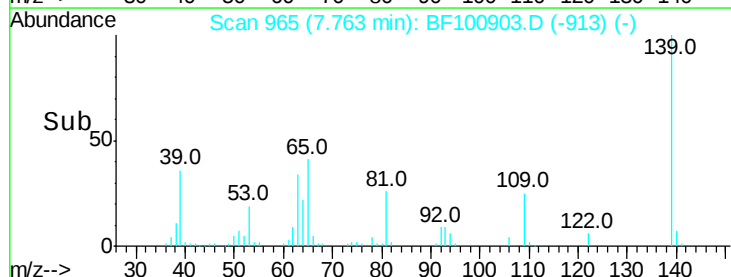
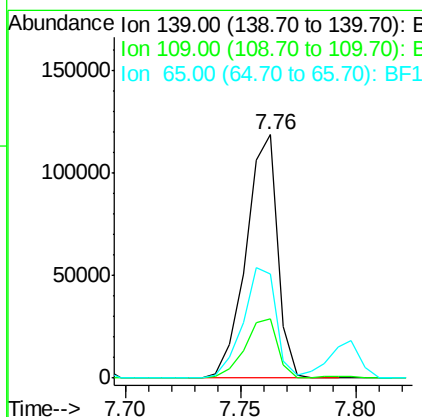
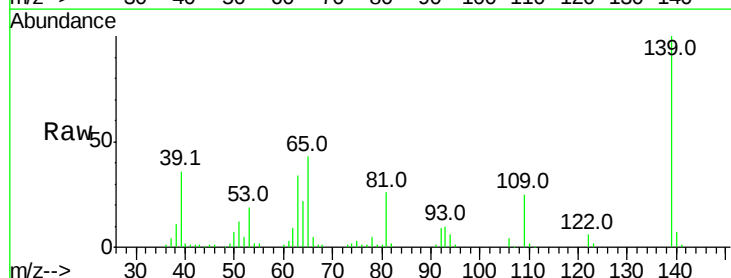
RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	139	Resp:	113430
Ion Ratio	Lower	Upper	
139	100		
109	24.6	22.7	34.1
65	42.6	40.5	60.7





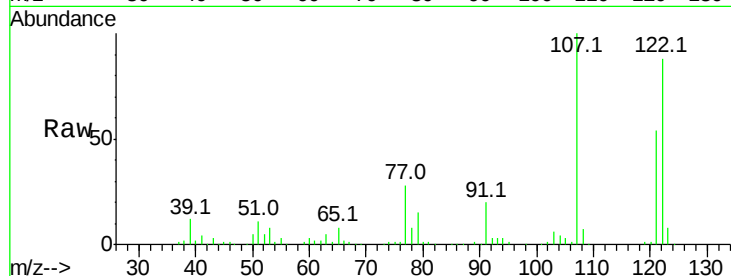
#27
2,4-Dimethylphenol
Concen: 55.732 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

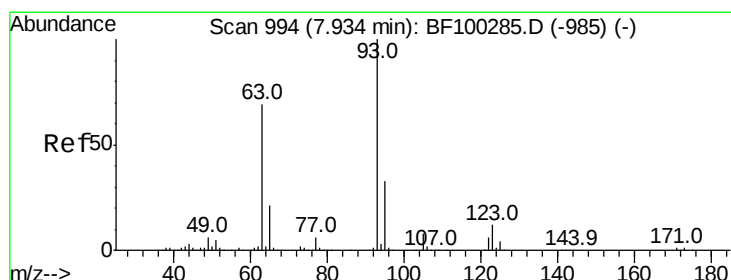
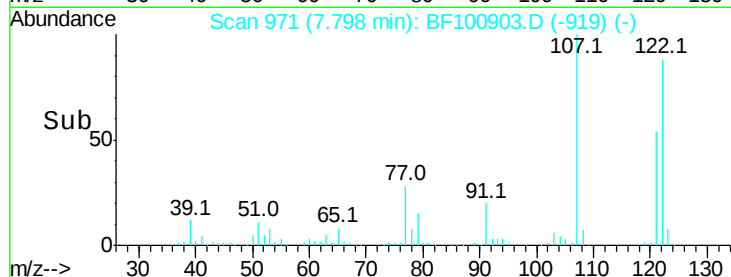
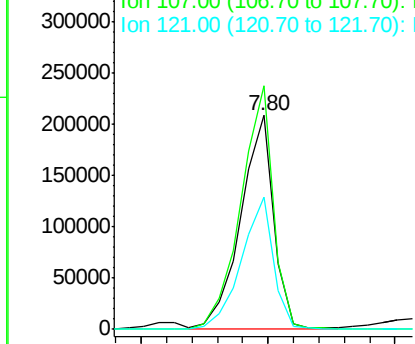
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.2	136.8
121	61.8	47.2	70.8

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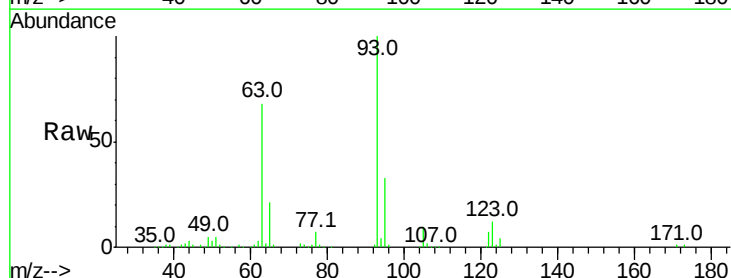


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

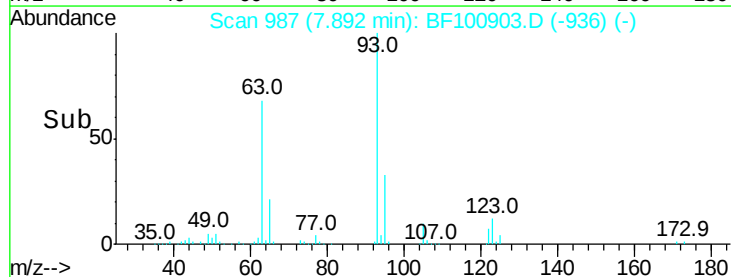
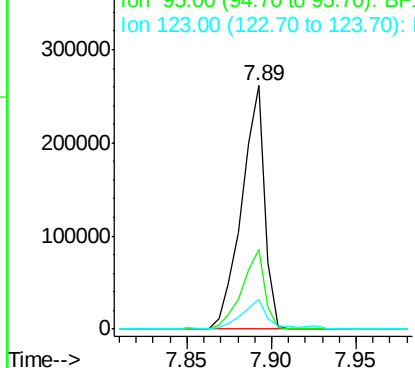


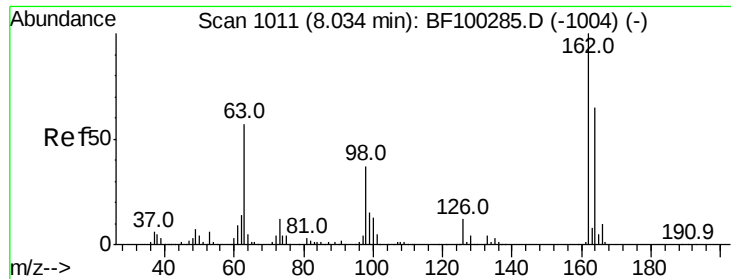
#28
bis(2-Chloroethoxy)methane
Concen: 49.960 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 58.005 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

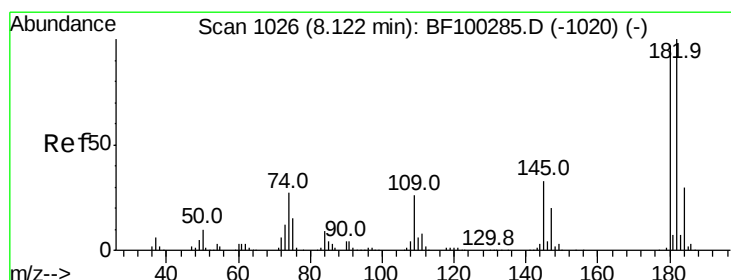
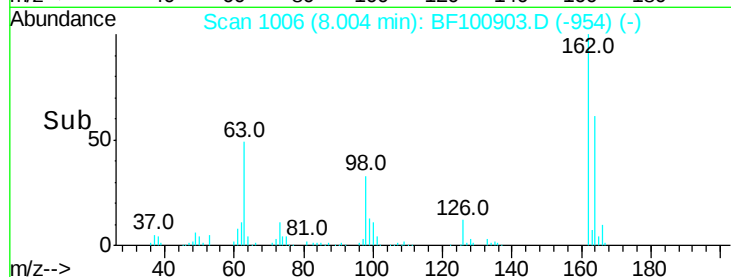
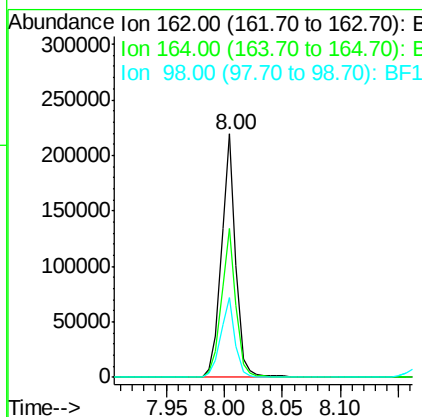
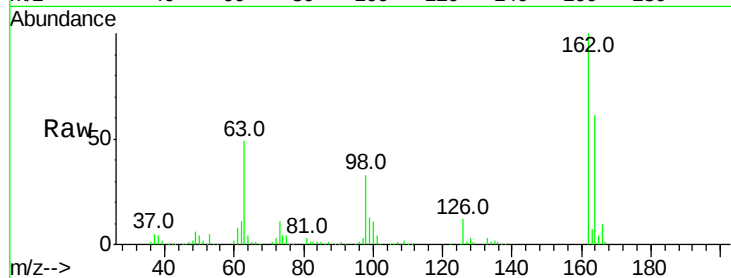
ClientSampleId :

SU-04-112117MSD

Tot Ion:	162	Resp:	187929
Ion Ratio	Lower	Upper	
162	100		
164	61.4	42.7	82.7
98	32.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 55.871 ng

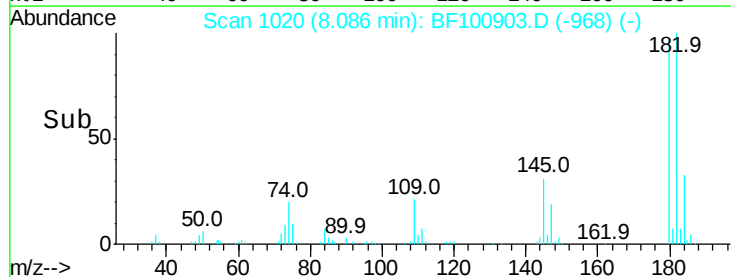
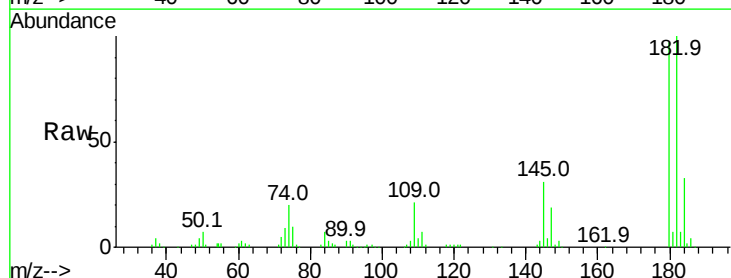
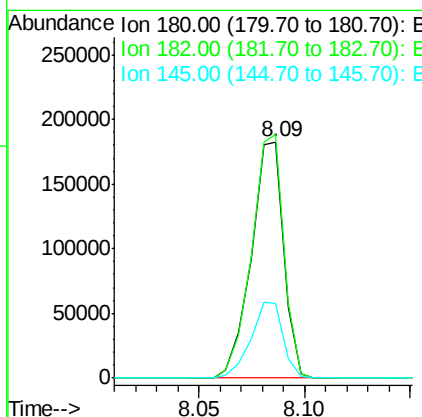
RT: 8.09 min Scan# 1020

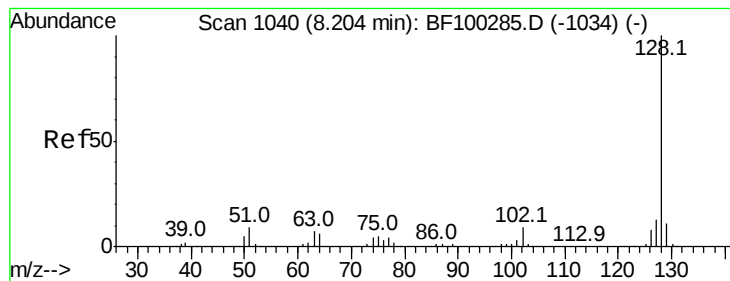
Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	180	Resp:	195805
Ion Ratio	Lower	Upper	
180	100		
182	102.9	76.8	115.2
145	31.8	26.5	39.7





#31

Naphthalene

Concen: 54.170 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

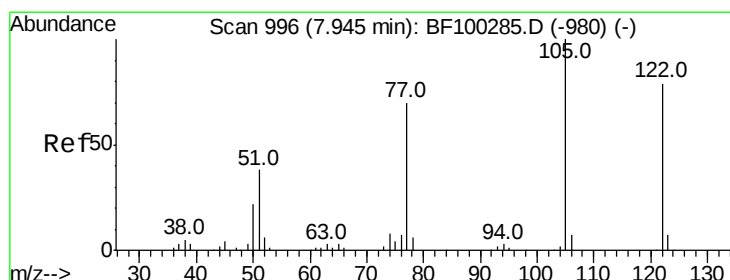
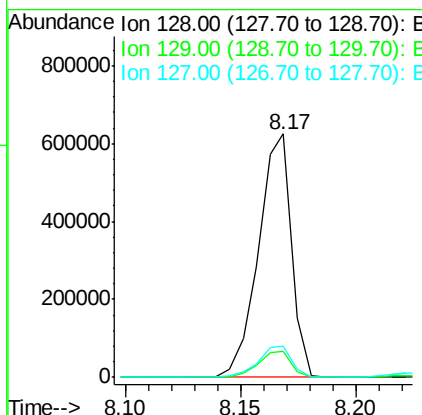
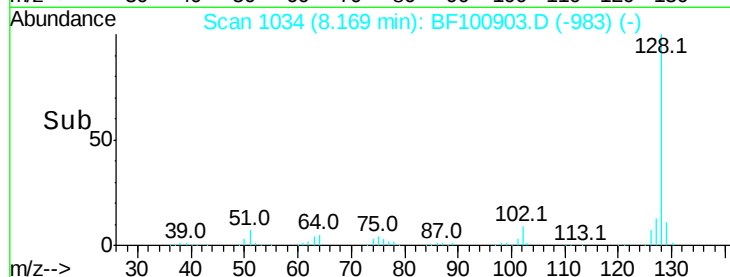
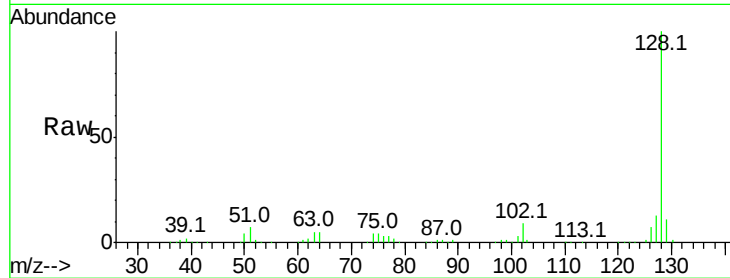
ClientSampleId :

SU-04-112117MSD

Tot Ion:128	Resp:	621447
Ion Ratio	Lower	Upper
128	100	
129	10.7	8.8 13.2
127	12.9	10.9 16.3

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#32

Benzoic acid

Concen: 45.441 ng

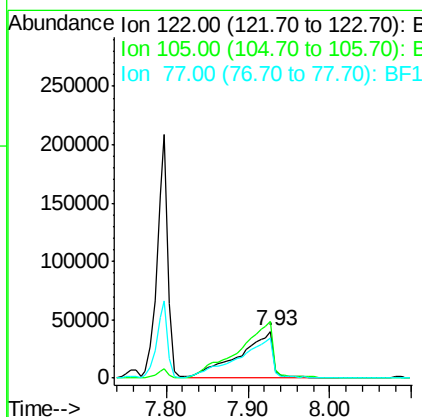
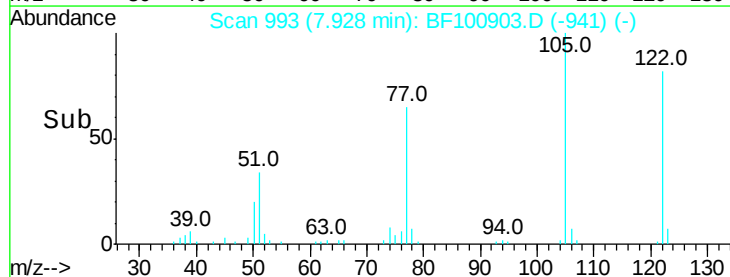
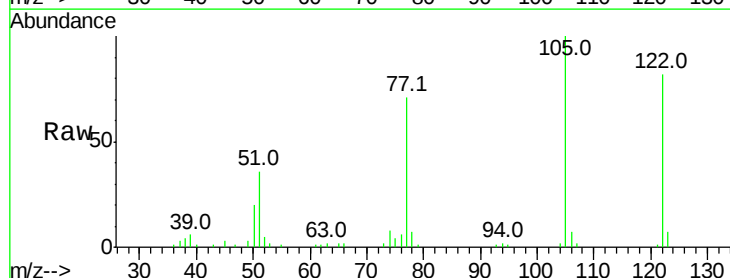
RT: 7.93 min Scan# 993

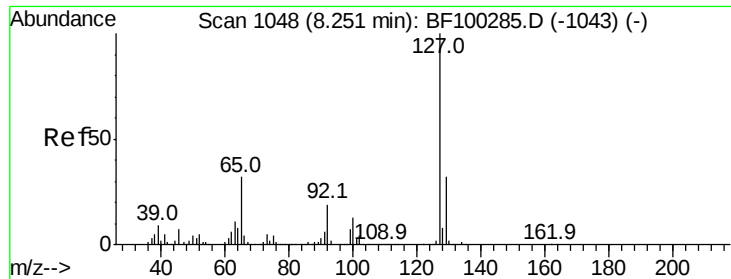
Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:122	Resp:	116480
Ion Ratio	Lower	Upper
122	100	
105	121.6	101.1 141.1
77	86.0	70.7 110.7





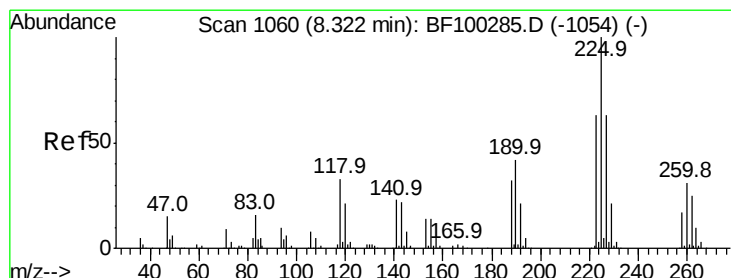
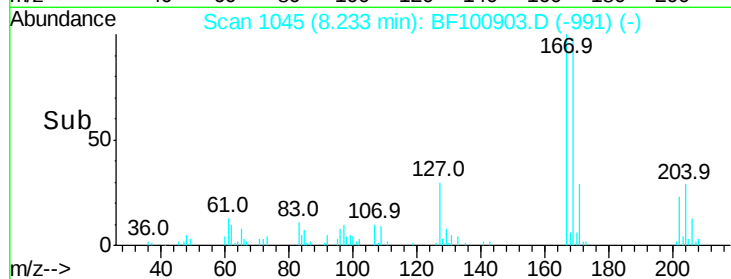
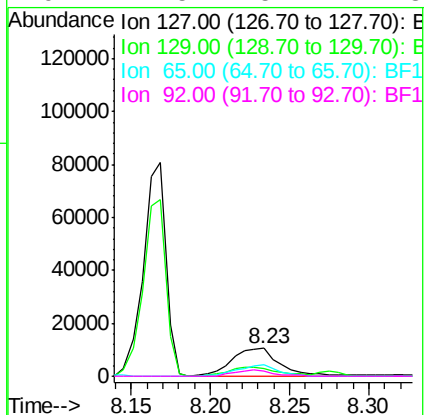
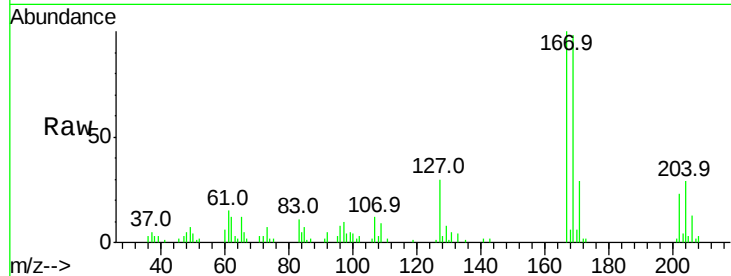
#33
 4-Chloroaniline
 Concen: 4.647 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.02 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		22190		
129	27.8	25.9	38.9		
65	39.9	25.0	37.4		
92	17.5	15.2	22.8		

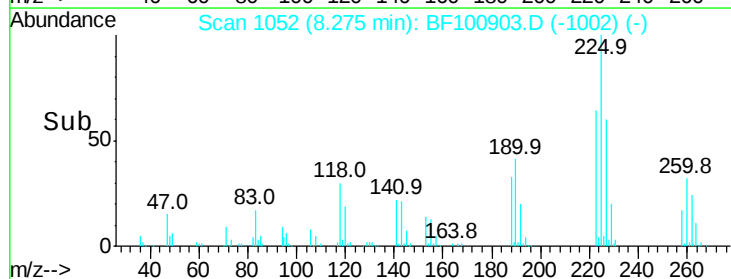
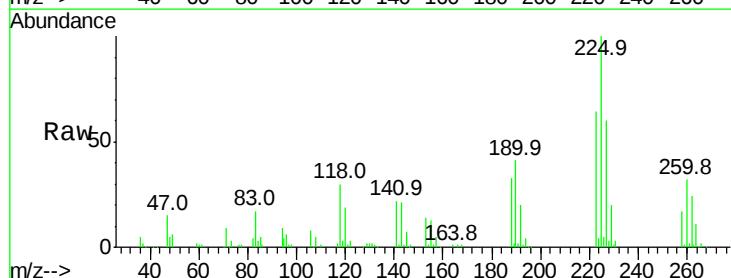
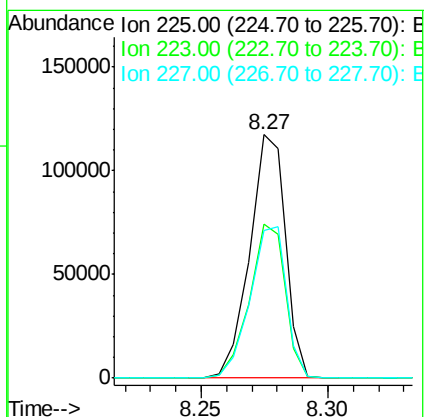
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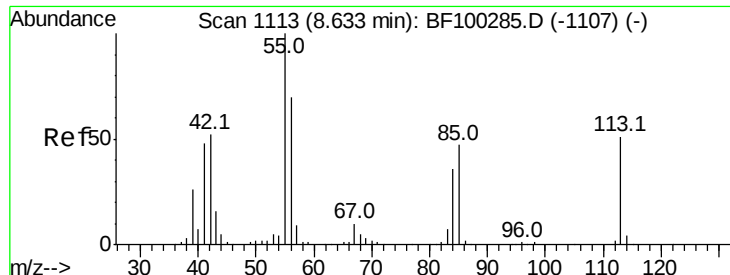
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#34
 Hexachlorobutadiene
 Concen: 55.682 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		116026		
223	63.5	50.6	76.0		
227	60.5	51.9	77.9		





#35

Caprolactam

Concen: 39.533 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

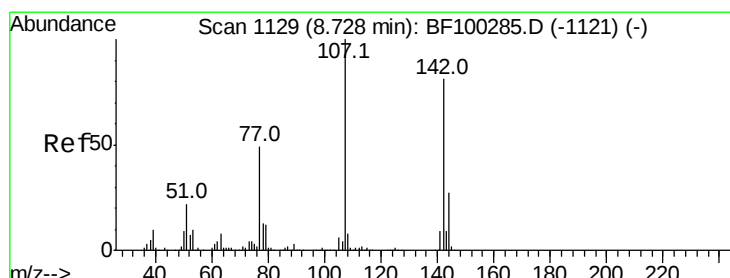
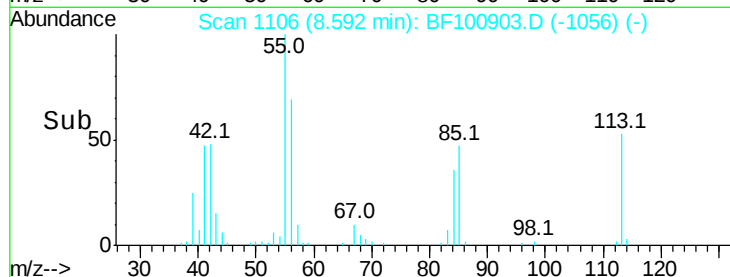
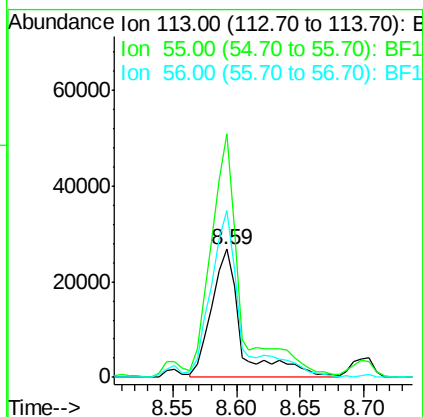
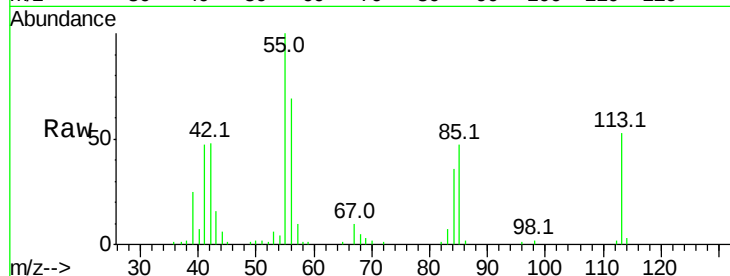
ClientSampleId :

SU-04-112117MSD

Tot Ion:	113	Resp:	43955
Ion Ratio	Lower	Upper	
113	100		
55	189.7	163.3	203.3
56	130.3	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 52.146 ng/mL

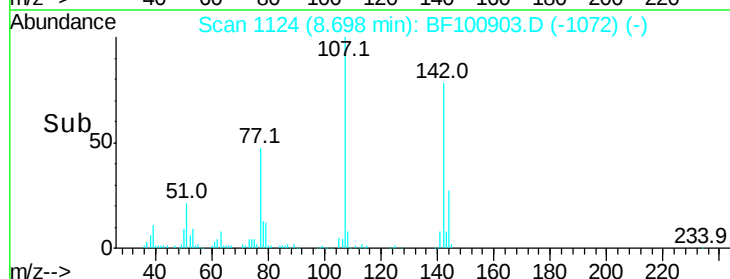
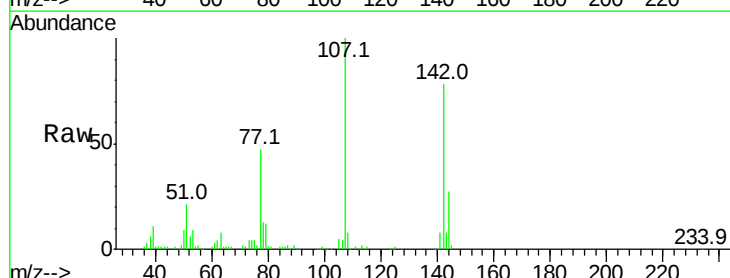
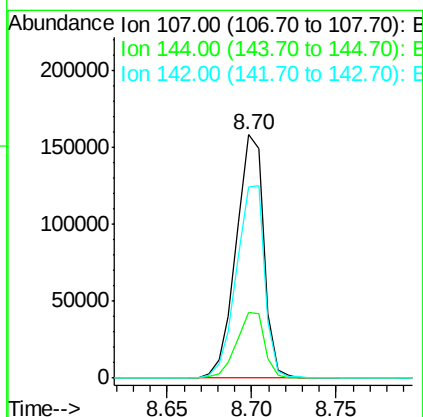
RT: 8.70 min Scan# 1124

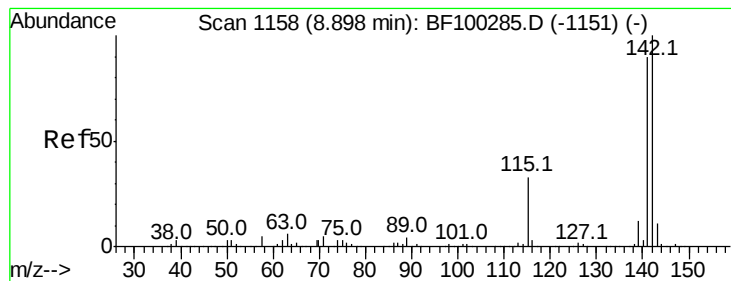
Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	107	Resp:	181448
Ion Ratio	Lower	Upper	
107	100		
144	27.1	20.5	30.7
142	78.5	62.0	93.0





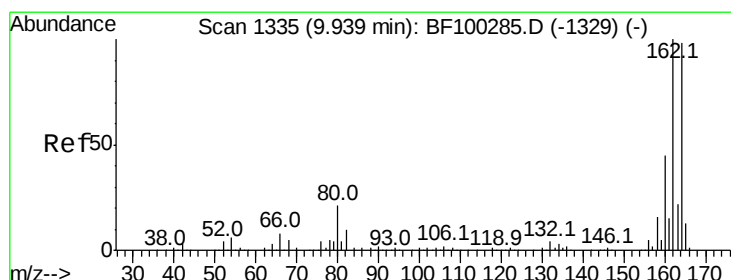
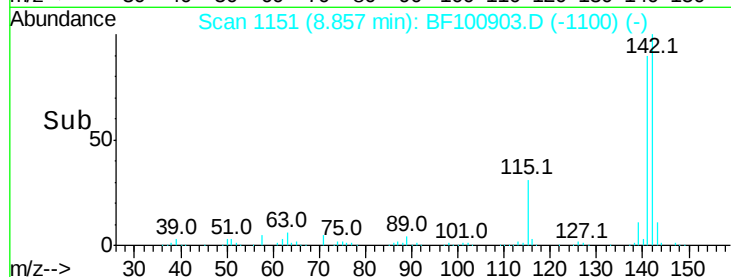
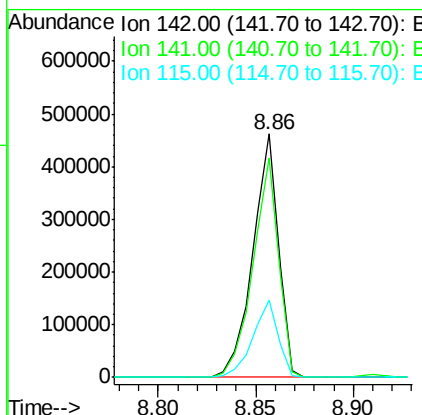
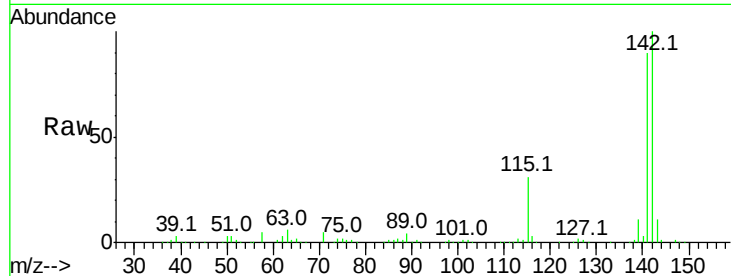
#37
2-Methylnaphthalene
Concen: 55.168 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	31.5	26.1	39.1

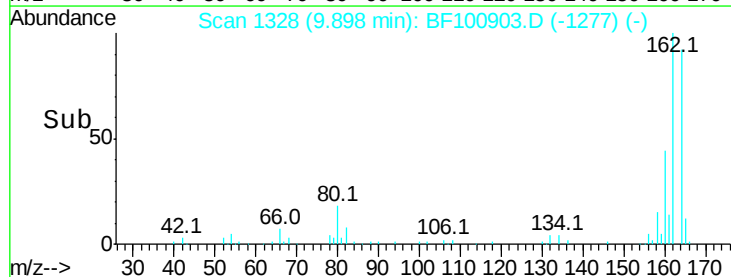
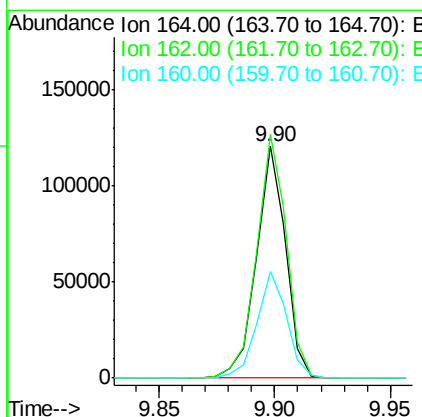
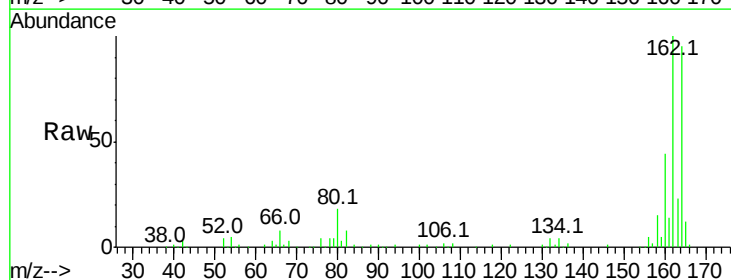
Manual Integrations
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.9	38.3	57.5





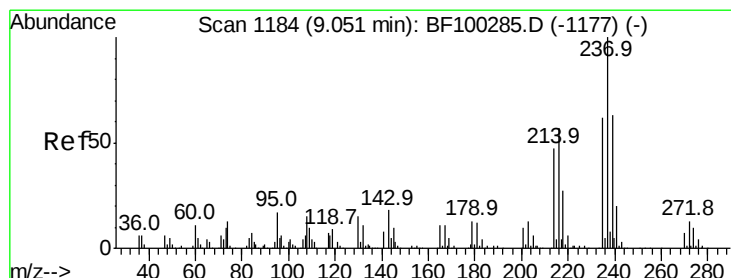
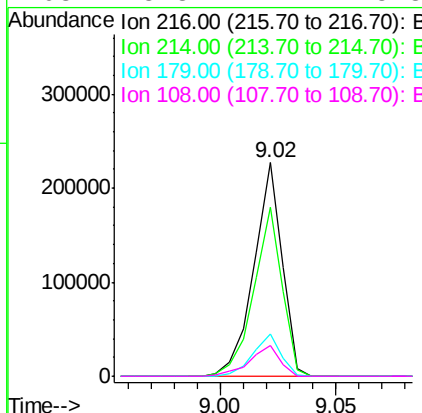
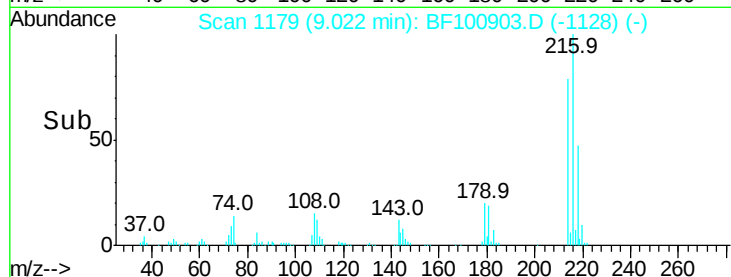
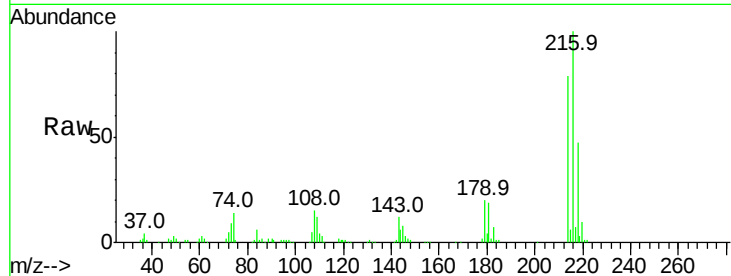
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.222 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	19.8	18.1	27.1
108	15.8	17.2	25.8#

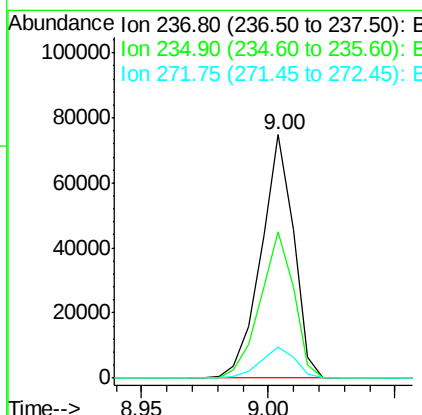
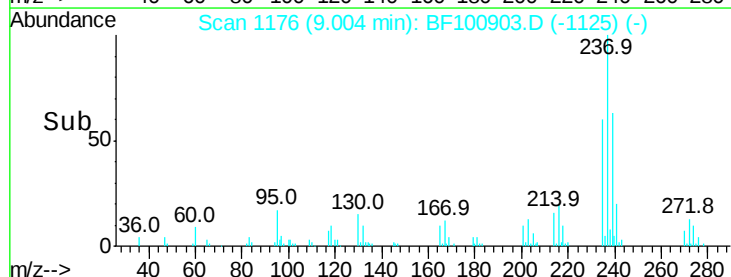
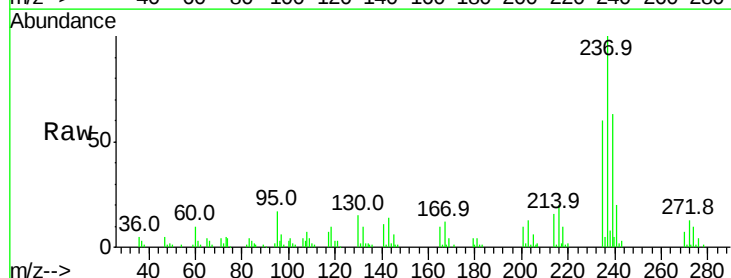
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#40
 Hexachlorocyclopentadiene
 Concen: 40.444 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.2	44.8	84.8
272	12.9	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 147.337 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

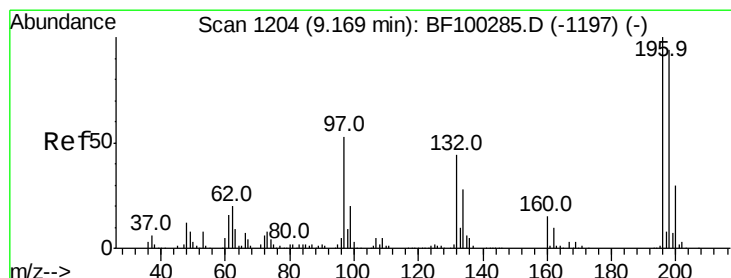
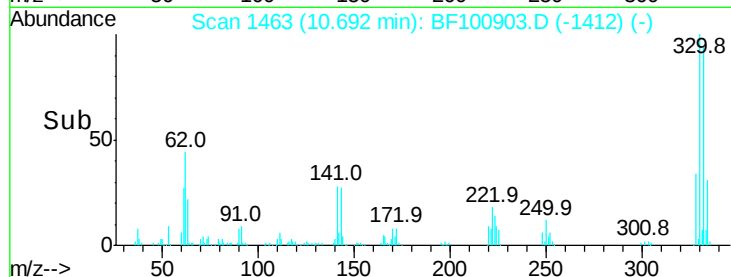
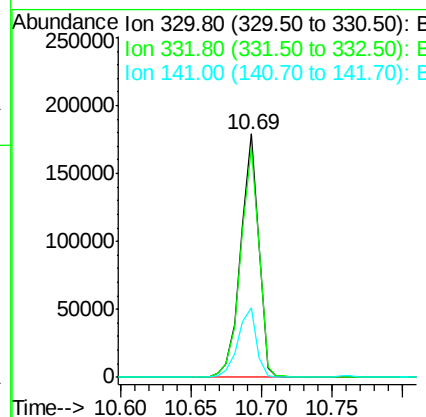
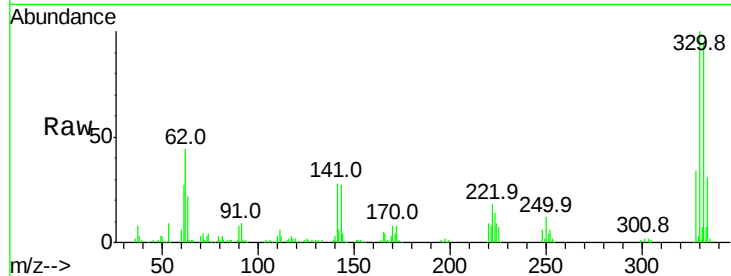
ClientSampleId :

SU-04-112117MSD

Tot Ion:	330	Resp:	159945
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	29.1	29.9	44.9#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 59.797 ng

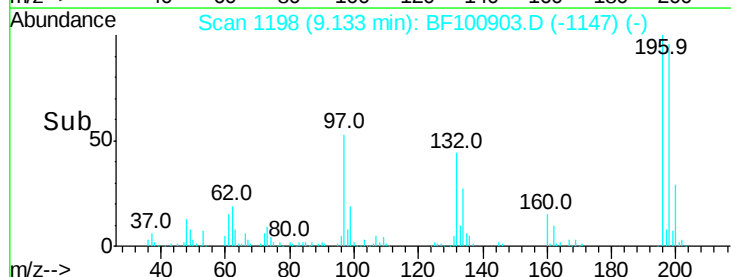
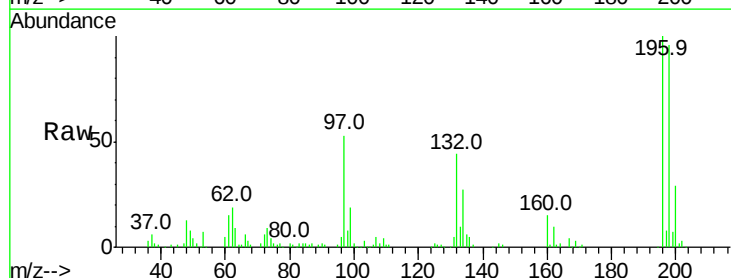
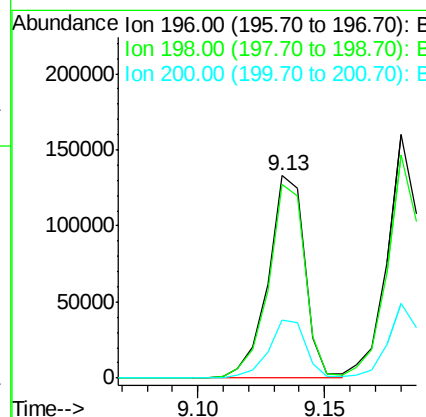
RT: 9.13 min Scan# 1198

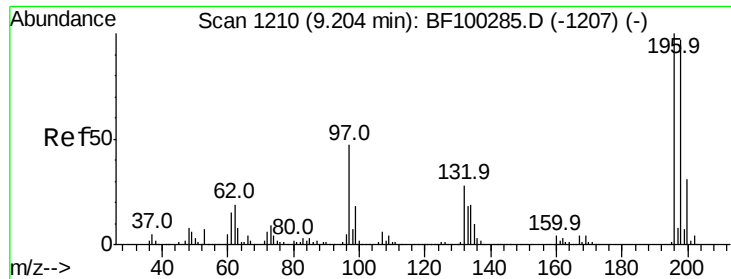
Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	196	Resp:	133902
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
200	28.6	24.5	36.7





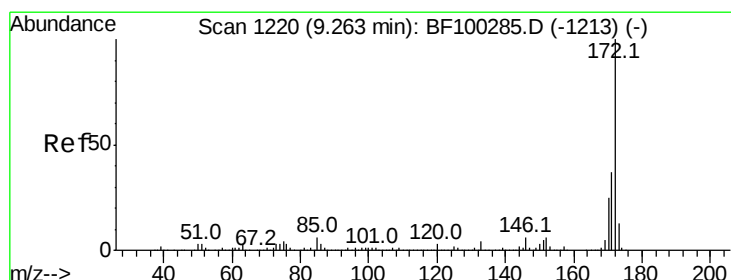
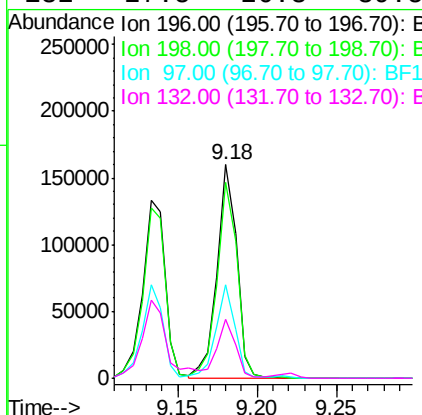
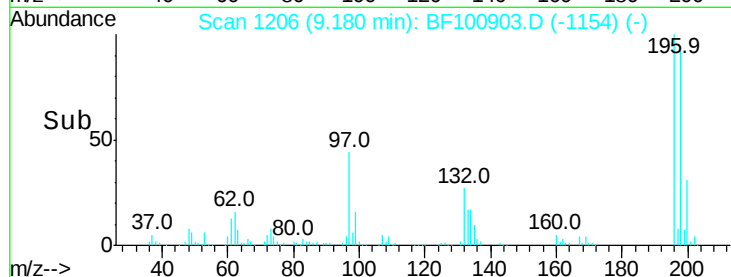
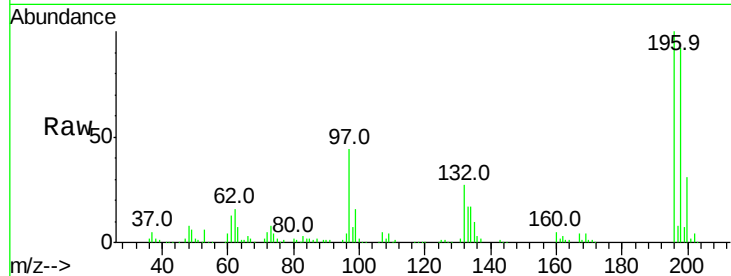
#43
 2,4,5-Trichlorophenol
 Concen: 60.208 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		139685		
198	91.6	74.6	112.0		
97	43.7	42.9	64.3		
132	27.5	26.3	39.5		

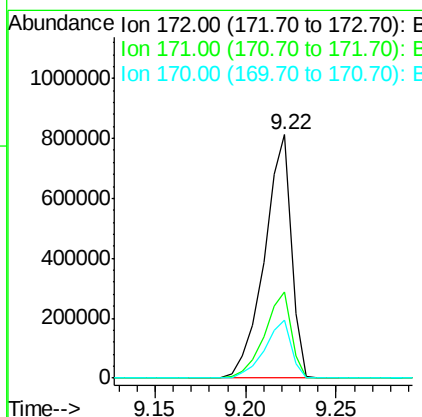
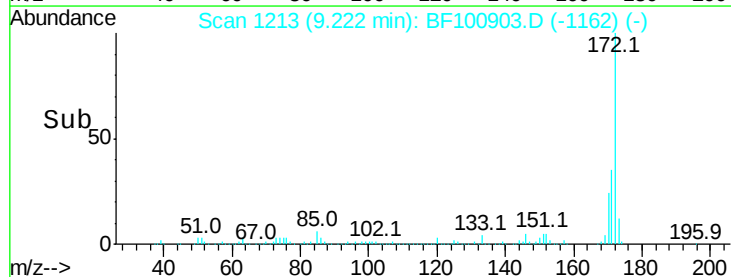
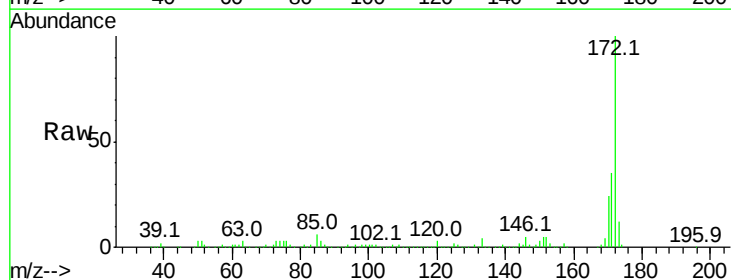
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 119.177 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		833793		
171	35.3	29.7	44.5		
170	23.7	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 52.943 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

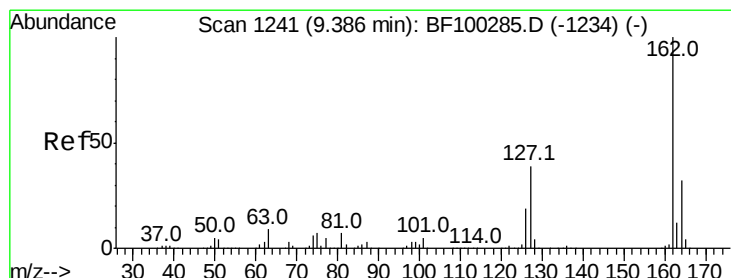
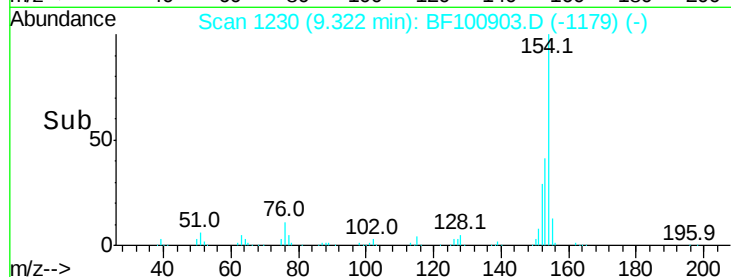
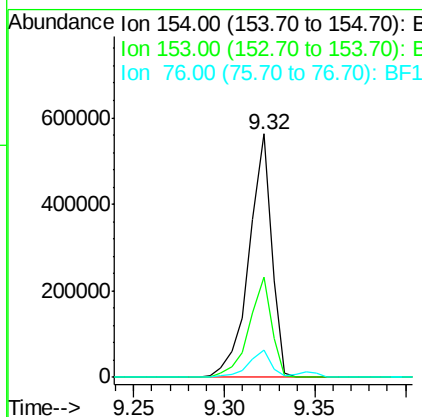
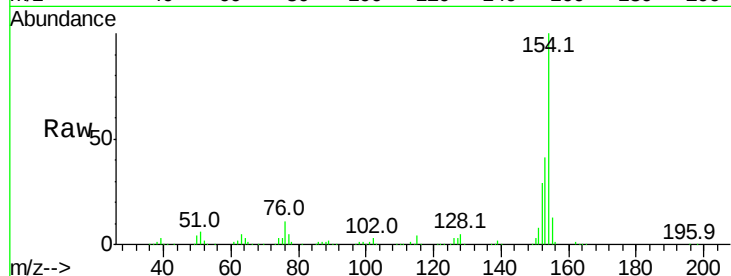
ClientSampleId :

SU-04-112117MSD

Tot Ion:	154	Resp:	487819
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.3	61.3
76	11.4	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 58.597 ng

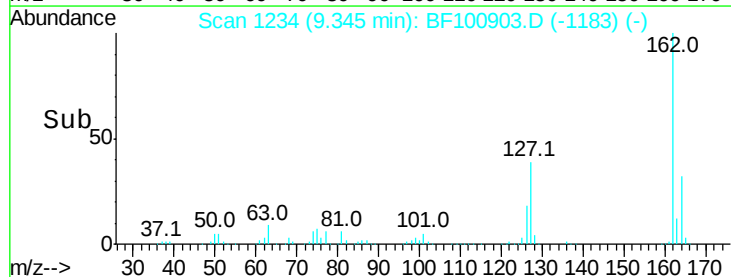
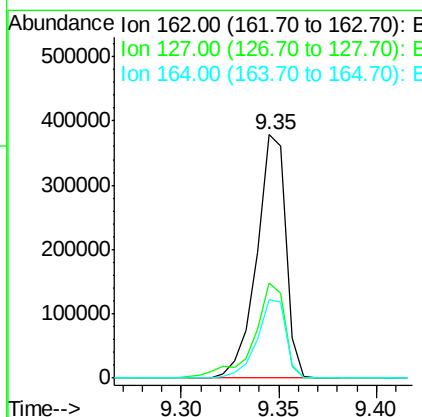
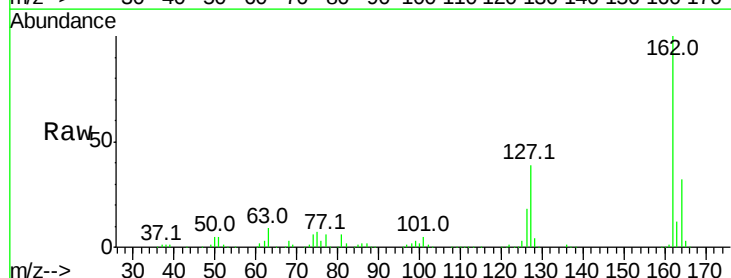
RT: 9.35 min Scan# 1234

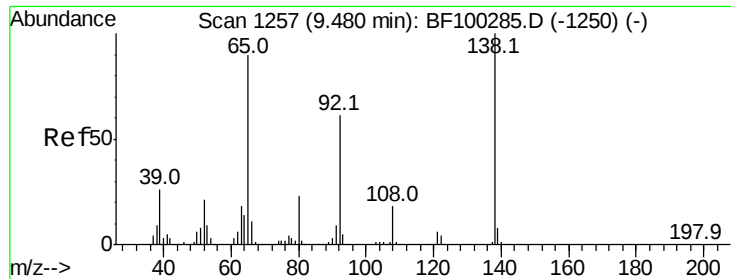
Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	162	Resp:	391690
Ion Ratio	Lower	Upper	
162	100		
127	39.1	33.9	50.9
164	32.2	26.5	39.7





#47

2-Nitroaniline

Concen: 54.324 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

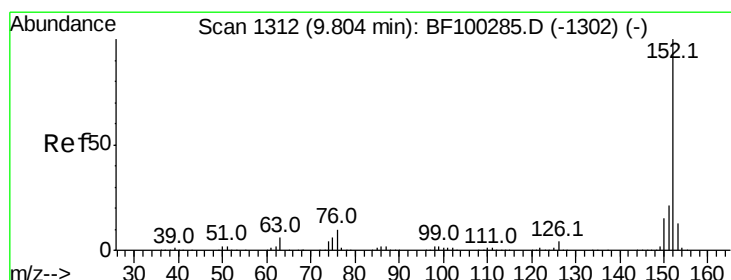
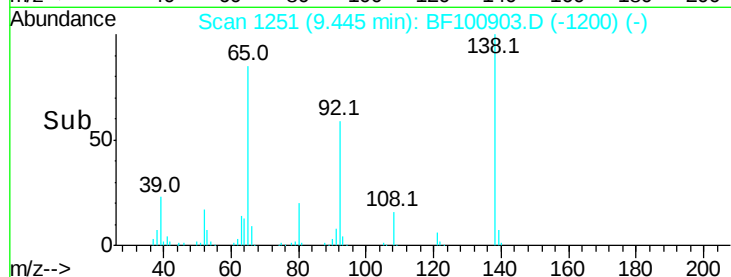
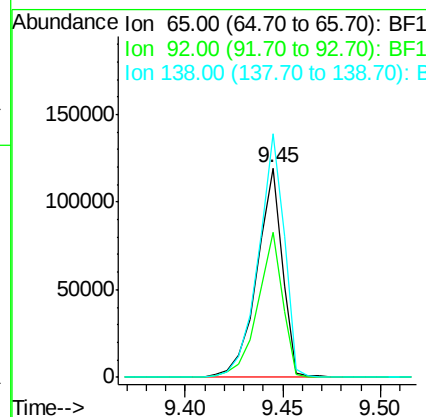
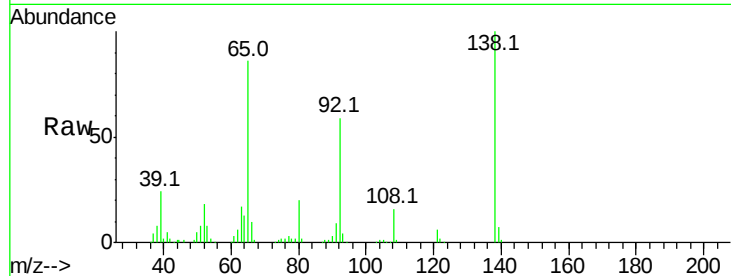
ClientSampleId :

SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.8	83.6
138	116.3	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 52.533 ng

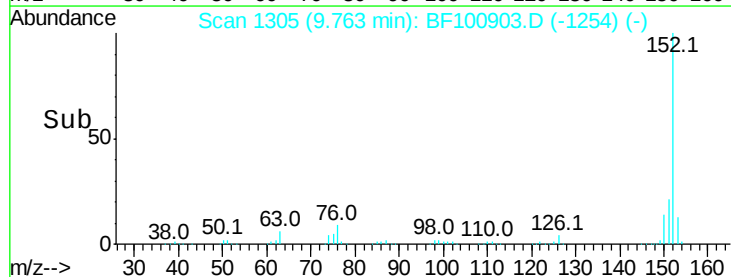
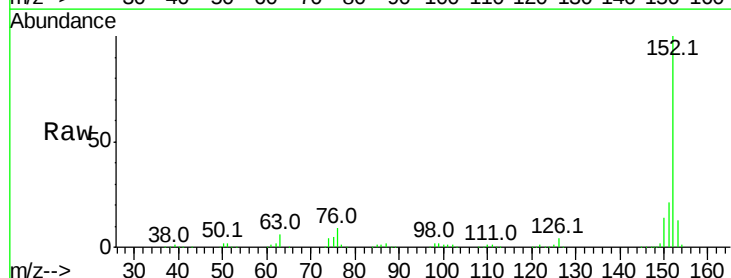
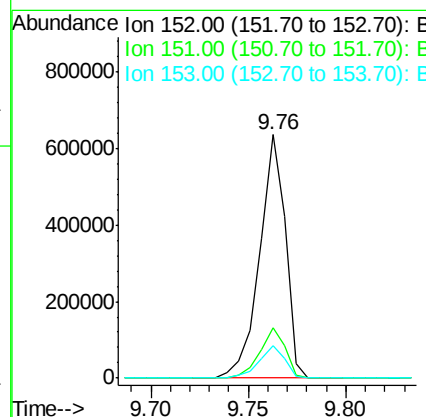
RT: 9.76 min Scan# 1305

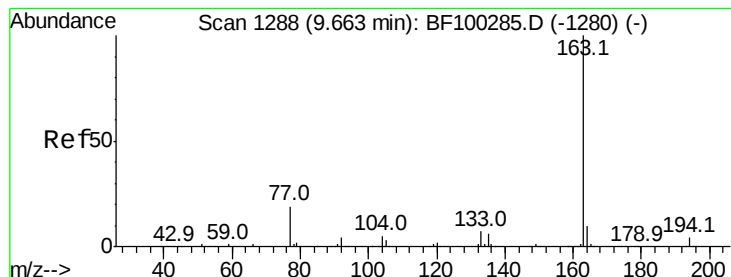
Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 56.710 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

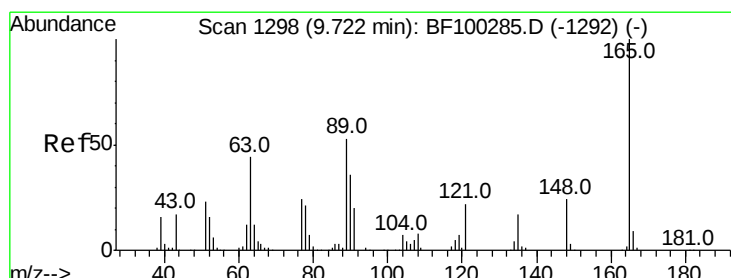
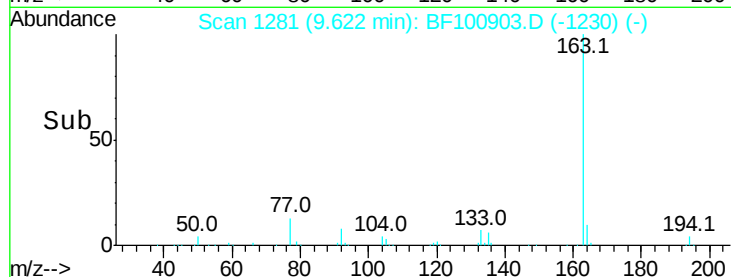
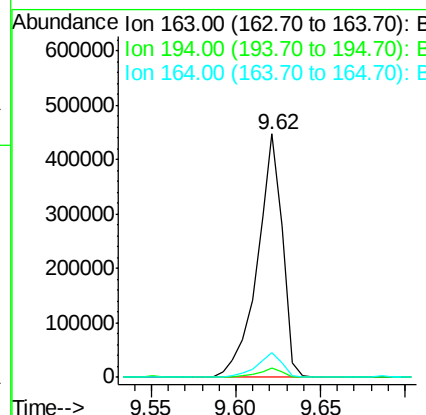
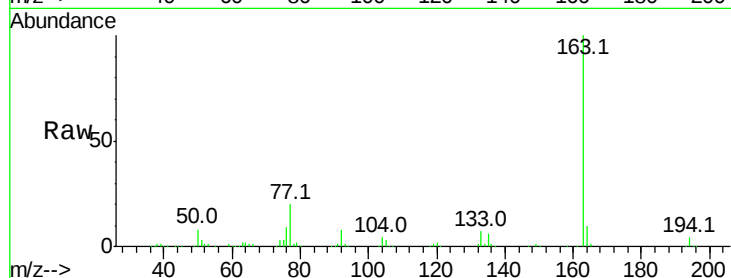
ClientSampleId :

SU-04-112117MSD

Tot Ion:	163	Resp:	461277
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 61.447 ng

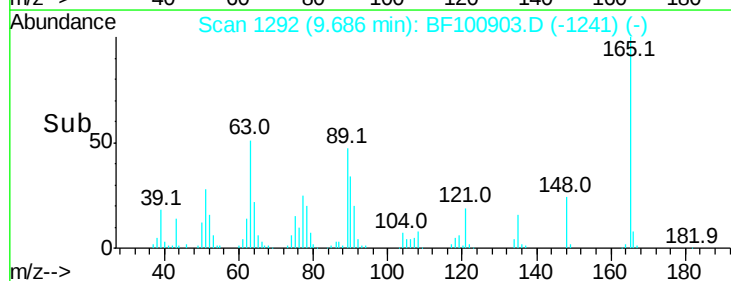
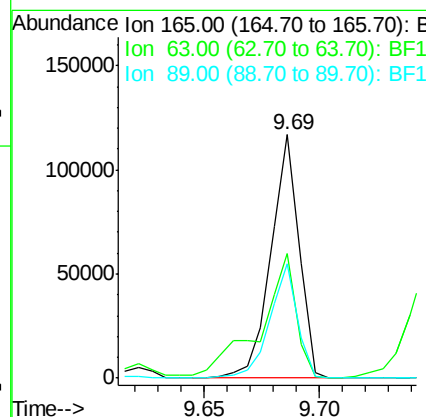
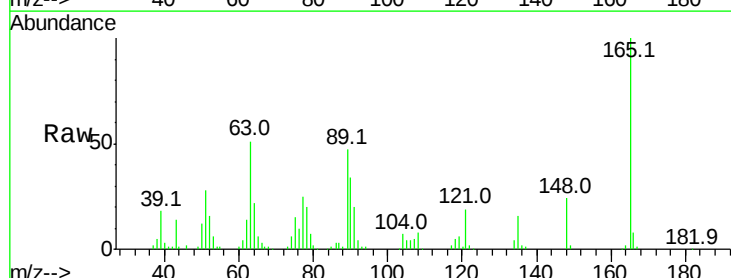
RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	165	Resp:	98933
Ion Ratio	Lower	Upper	
165	100		
63	51.2	44.7	67.1
89	46.8	44.0	66.0





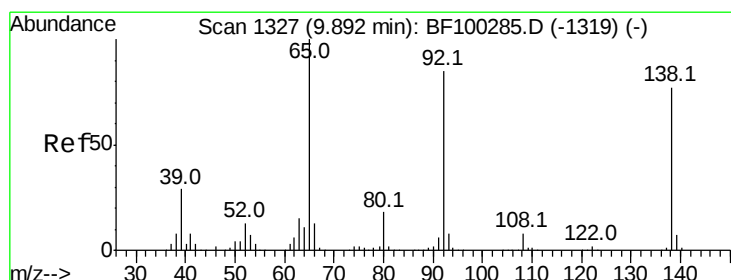
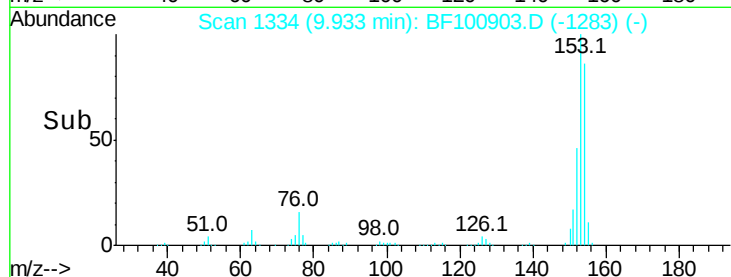
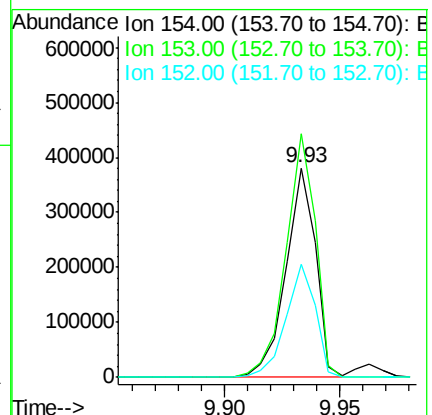
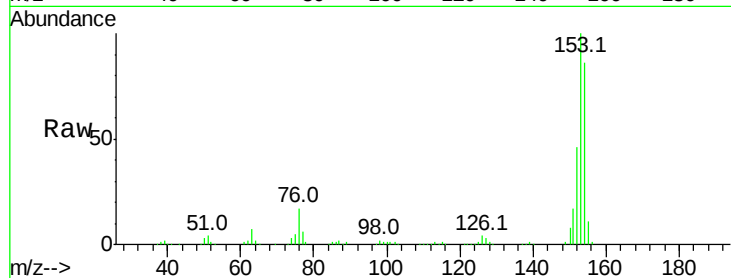
#51
Acenaphthene
Concen: 50.341 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	154	Resp	339158
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.2	136.8
152	53.8	43.8	65.8

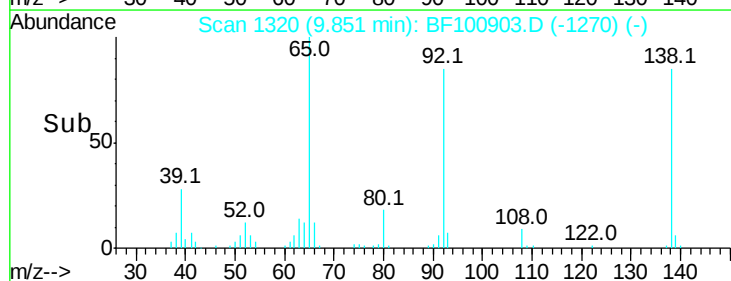
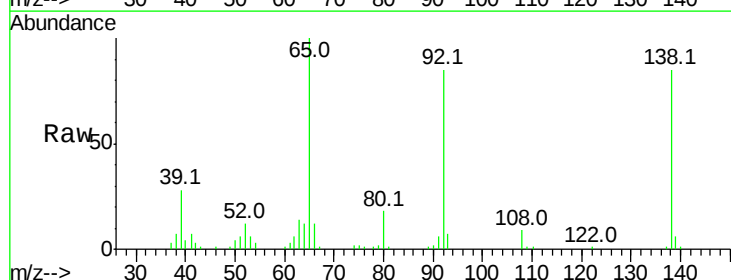
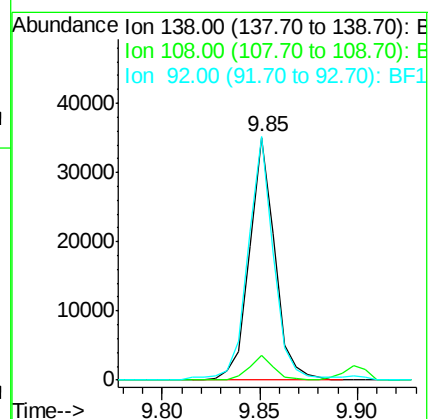
Manual Integrations
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#52
3-Nitroaniline
Concen: 16.570 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	138	Resp	31503
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	100.5	89.4	134.2





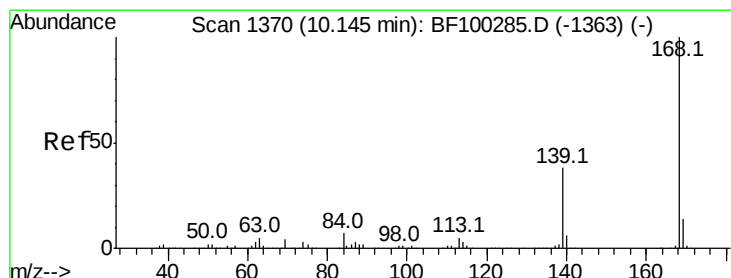
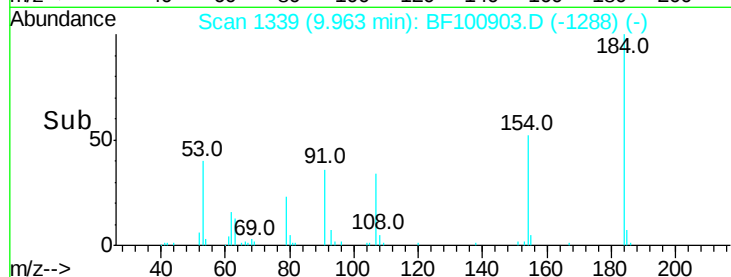
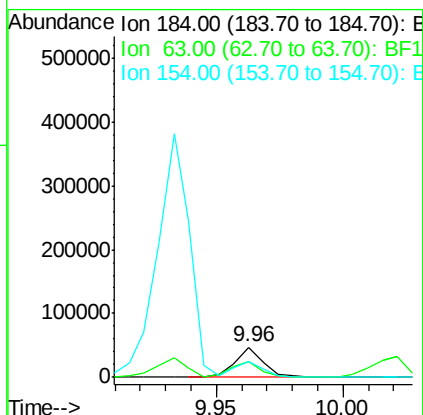
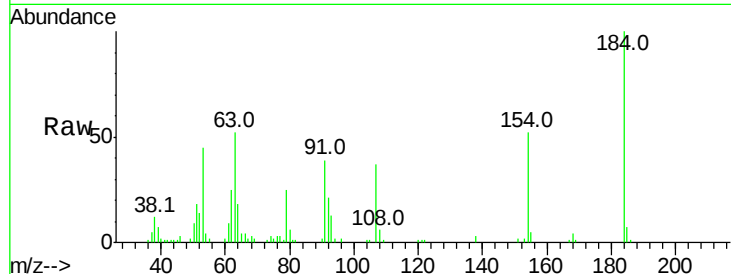
#53
2,4-Dinitrophenol
Concen: 60.746 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.9	54.2	81.2#
154	52.0	184.0	276.0#

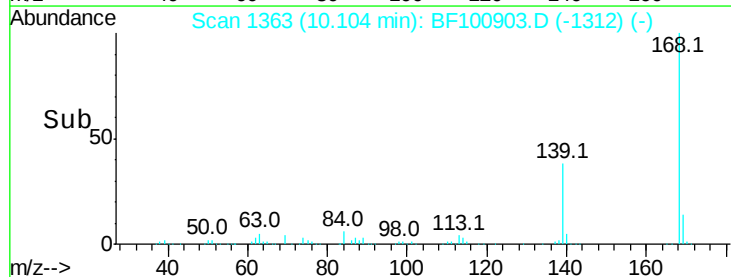
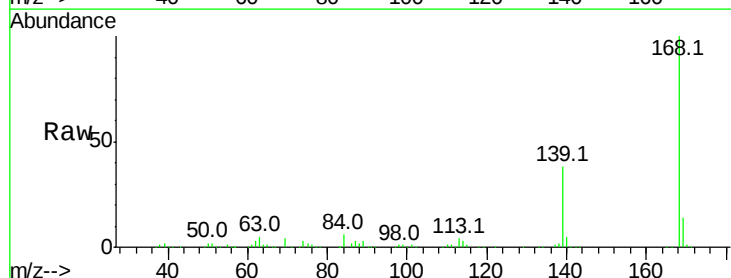
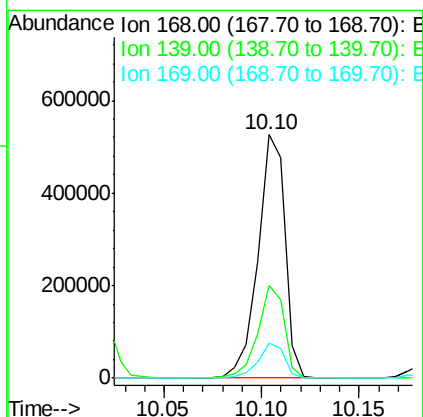
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#54
Dibenzofuran
Concen: 53.417 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.5	10.9	16.3





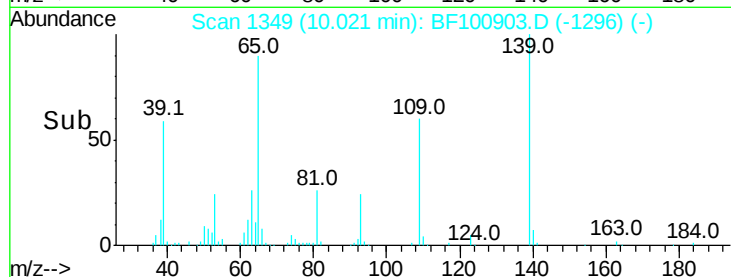
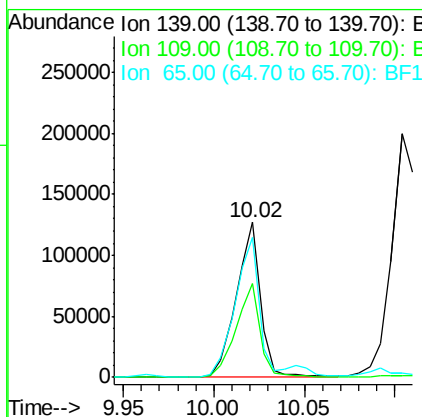
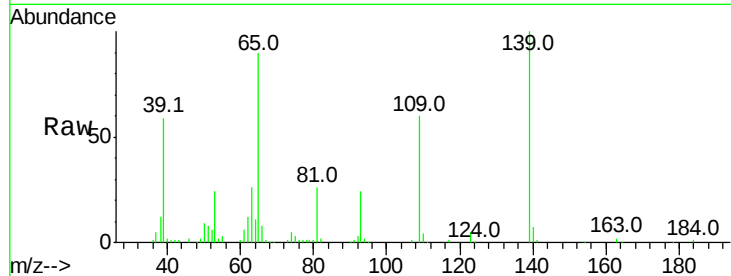
#55
4-Nitrophenol
Concen: 76.965 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.3	48.4	88.4	
65	90.3	72.6	112.6	

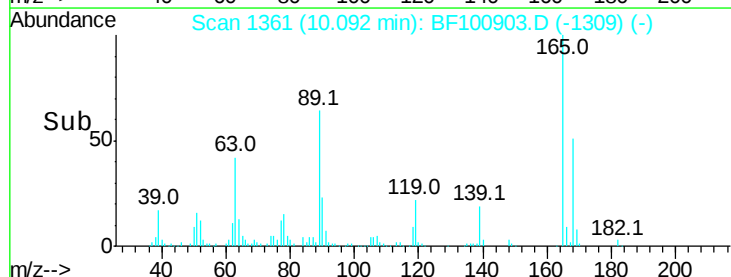
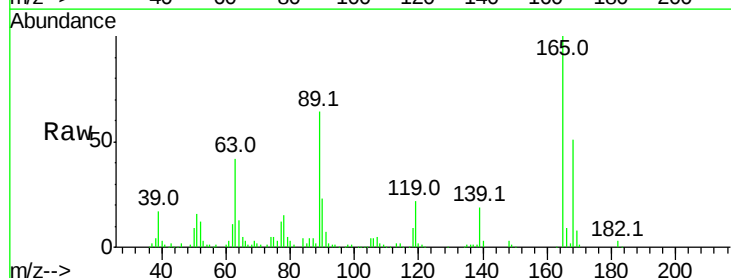
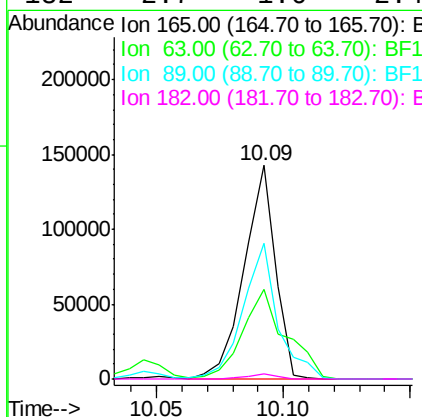
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 60.326 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.8	36.4	54.6	
89	63.6	57.8	86.6	
182	2.7	1.6	2.4	#





#57

Fluorene

Concen: 55.983 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

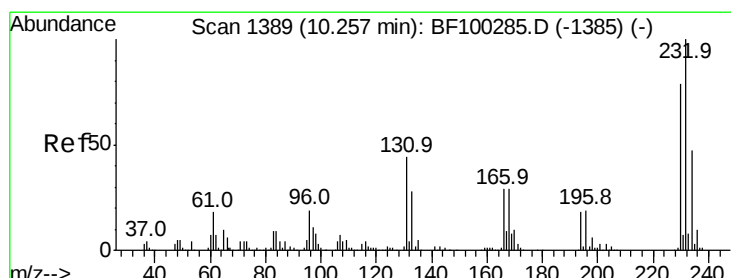
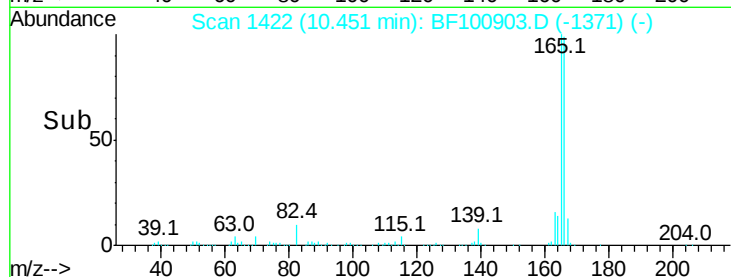
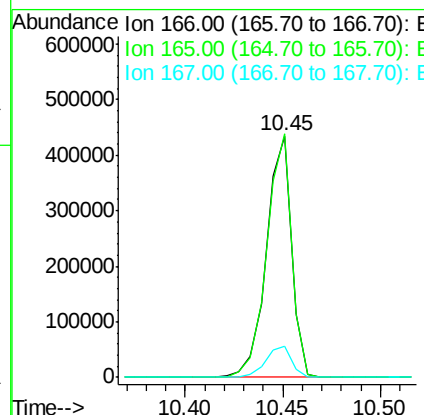
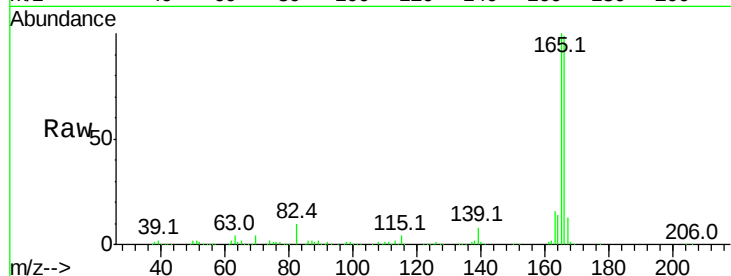
ClientSampleId :

SU-04-112117MSD

Tot Ion:	166	Resp:	387253
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.8	119.8
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.671 ng

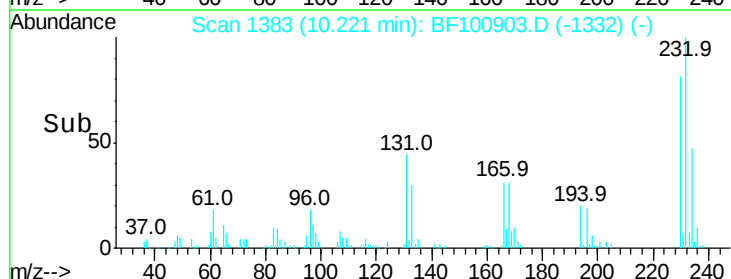
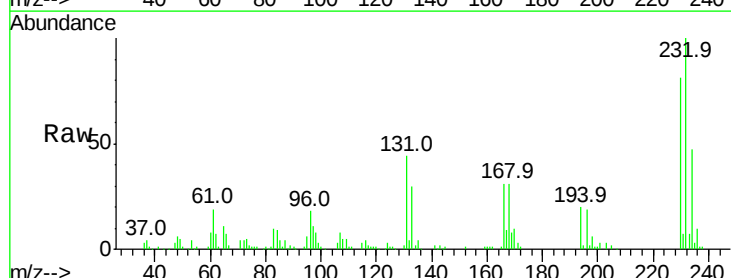
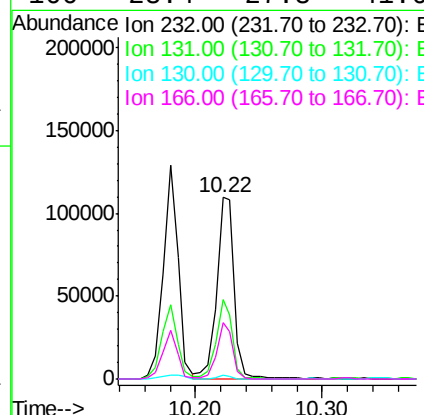
RT: 10.22 min Scan# 1383

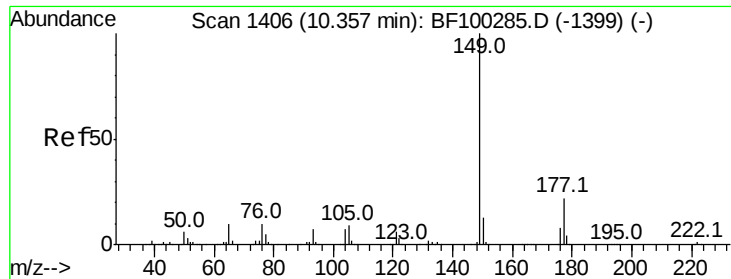
Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	232	Resp:	107758
Ion Ratio	Lower	Upper	
232	100		
131	40.1	43.8	65.8#
130	1.6	2.1	3.1#
166	28.4	27.8	41.6





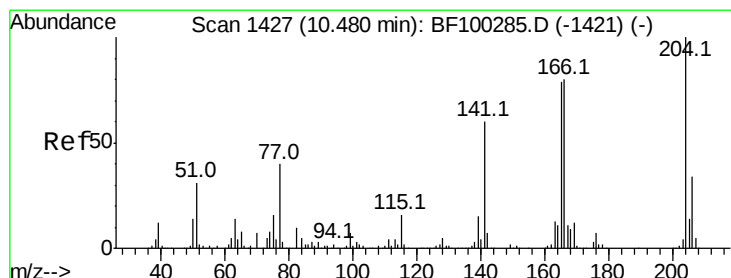
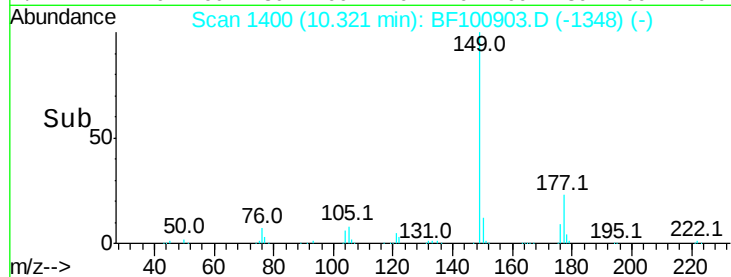
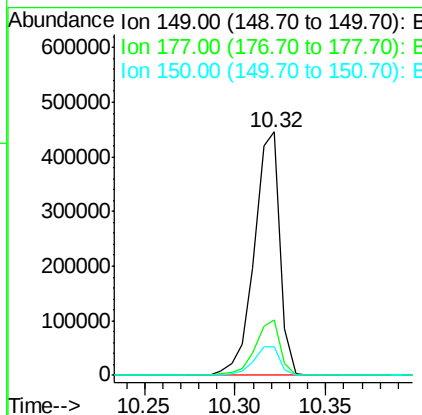
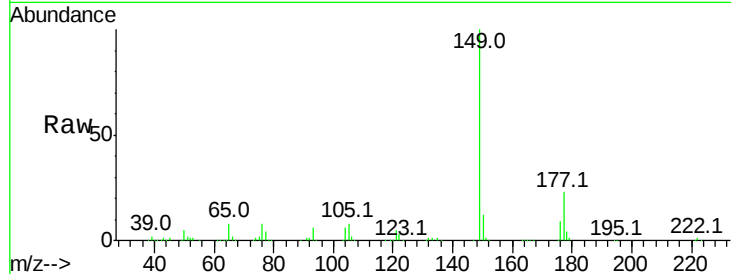
#59
Diethylphthalate
Concen: 53.576 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	436095		
177	22.7	16.1	24.1	
150	11.9	10.1	15.1	

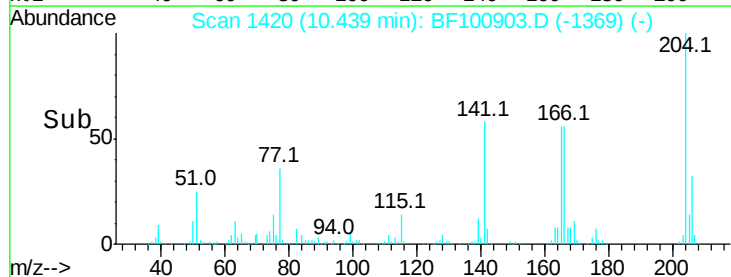
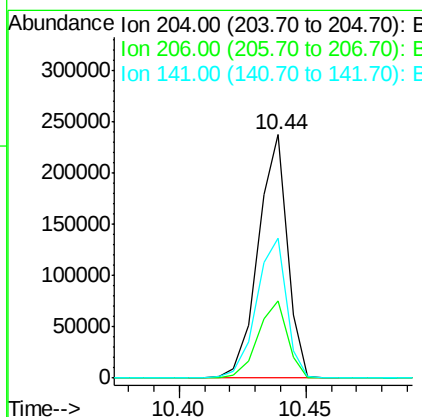
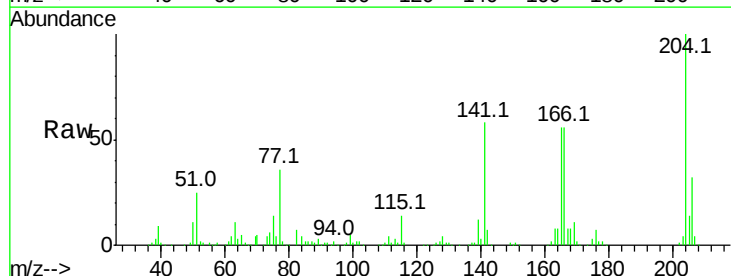
Manual Integrations
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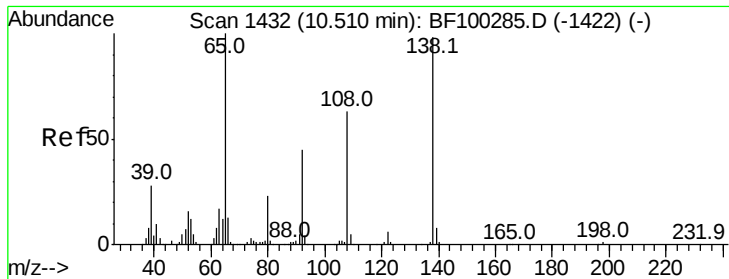
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#60
4-Chlorophenyl-phenylether
Concen: 56.362 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	191260		
206	31.6	26.5	39.7	
141	57.7	54.6	81.8	





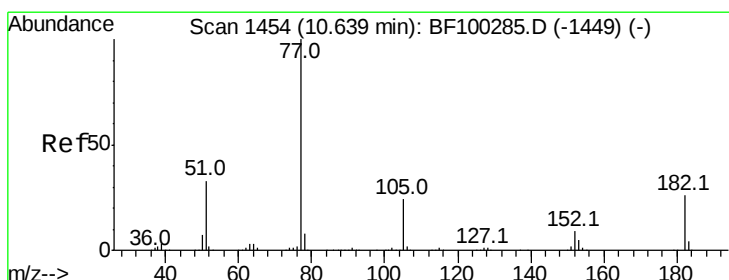
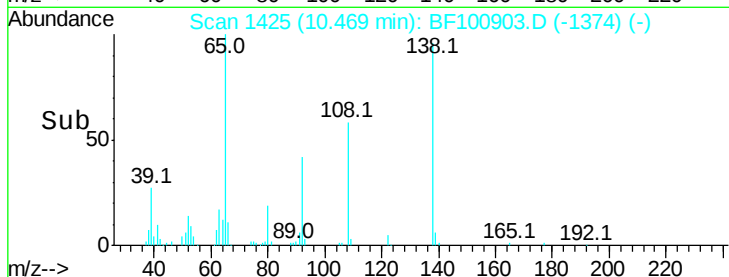
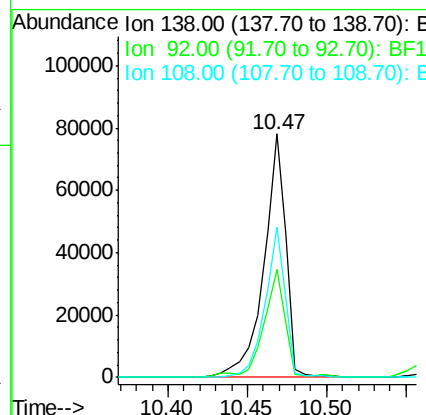
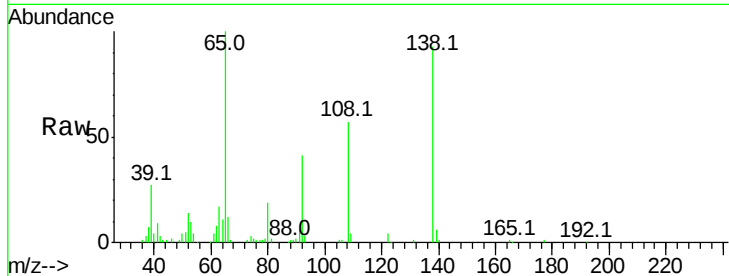
#61
4-Nitroaniline
Concen: 42.129 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.2	30.2	70.2
108	61.5	52.5	92.5

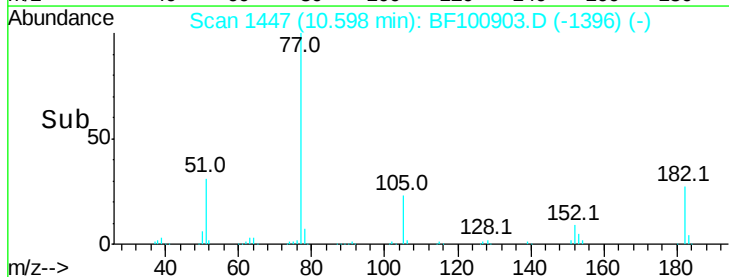
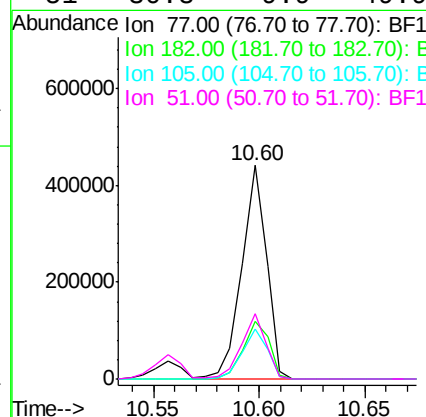
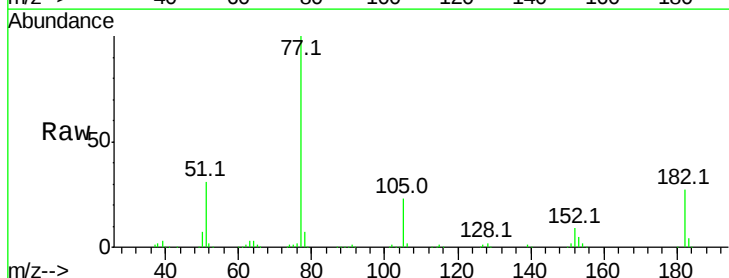
Manual Integrations
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#62
Azobenzene
Concen: 46.520 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	1.7	41.7
105	23.5	3.0	43.0
51	30.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

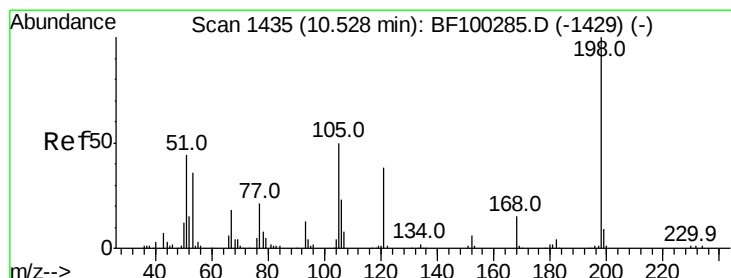
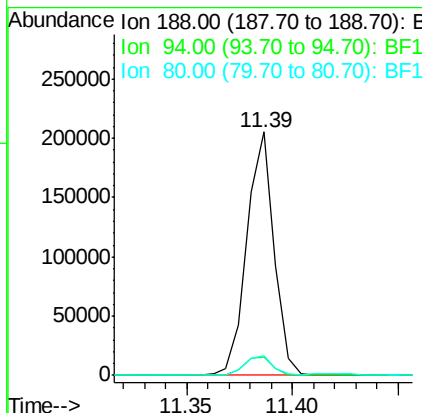
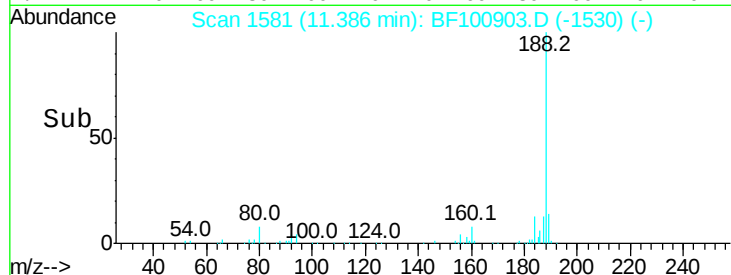
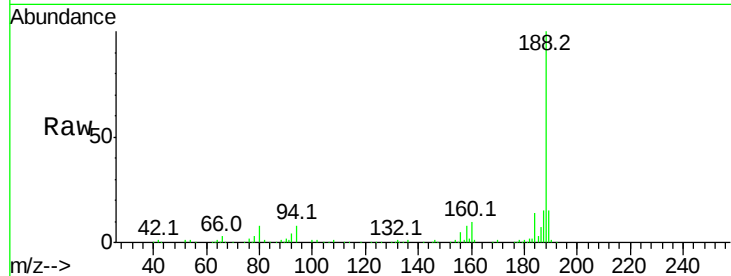
ClientSampleId :

SU-04-112117MSD

Tot Ion:188	Resp:	183125
Ion Ratio	Lower	Upper
188 100		
94 7.8	8.5	12.7#
80 8.2	9.2	13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.966 ng

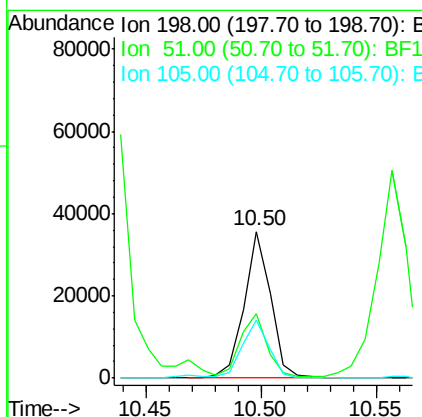
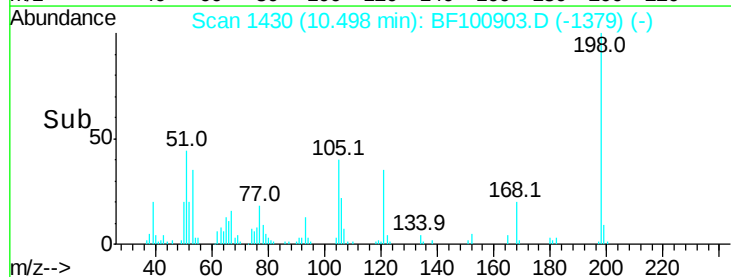
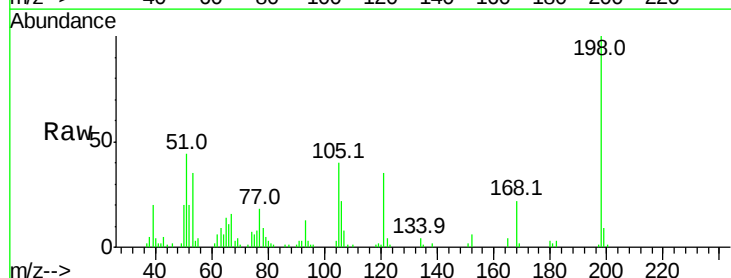
RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:198	Resp:	28586
Ion Ratio	Lower	Upper
198 100		
51 43.7	37.7	77.7
105 39.9	36.3	76.3





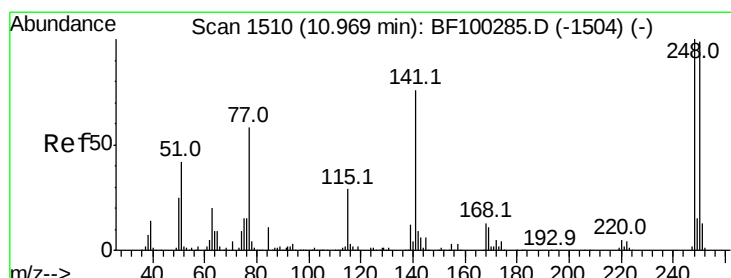
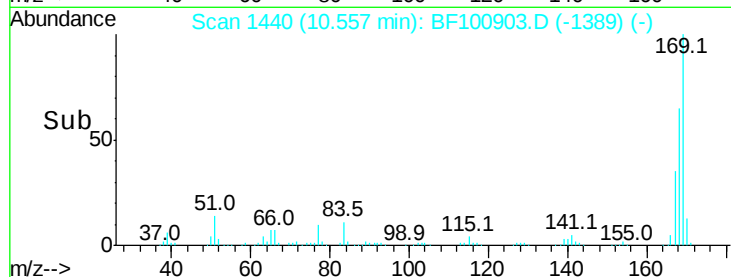
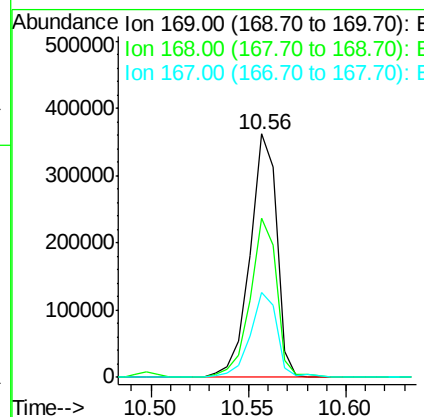
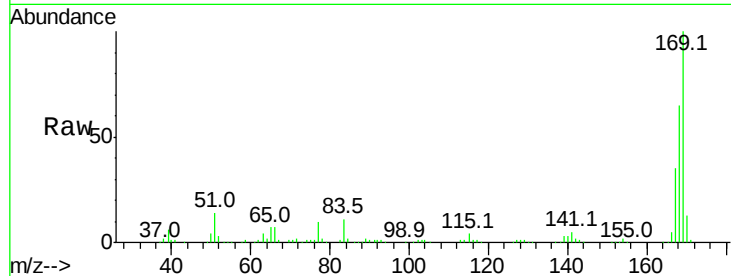
#65
 n-Nitrosodiphenylamine
 Concen: 53.971 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.3	54.4	81.6	
167	34.9	29.8	44.6	

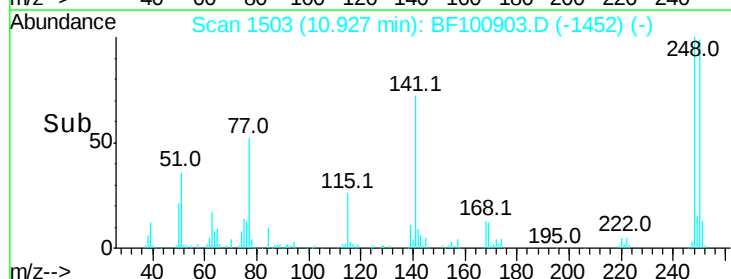
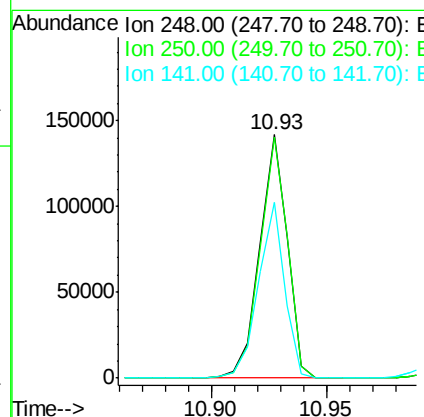
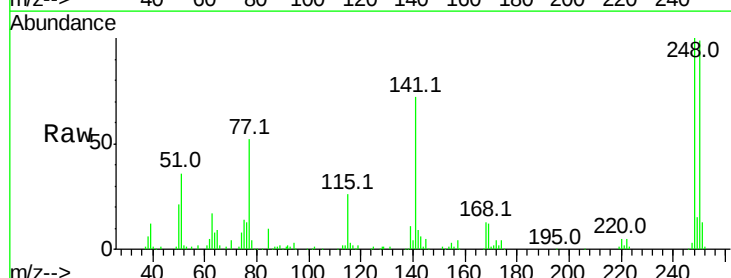
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 60.178 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.2	76.9	115.3	
141	72.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 56.977 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SU-04-112117MSD

Tot Ion:284 Resp: 116982

Ion Ratio Lower Upper

284 100

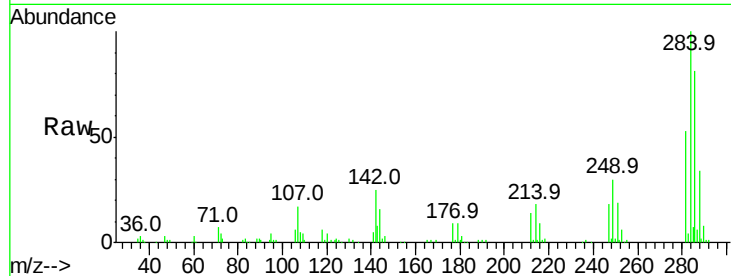
142 25.0 34.6 52.0#

249 30.1 24.8 37.2

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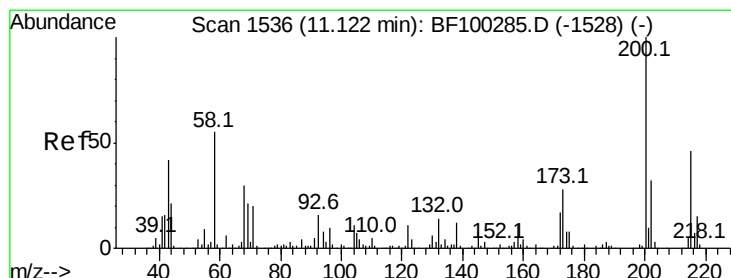
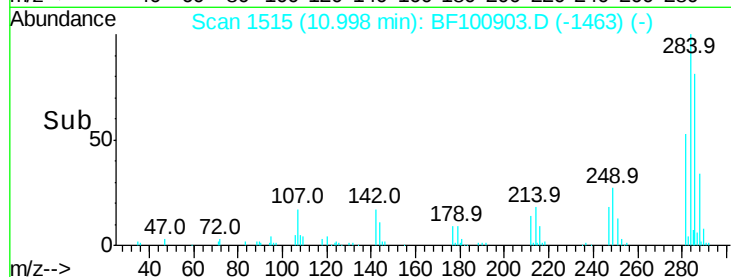
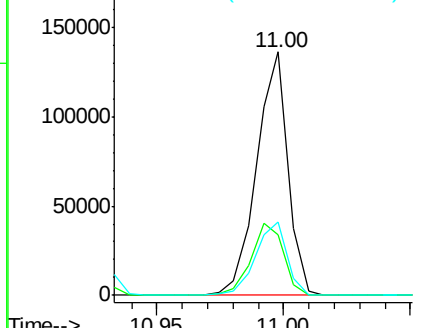
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.831 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

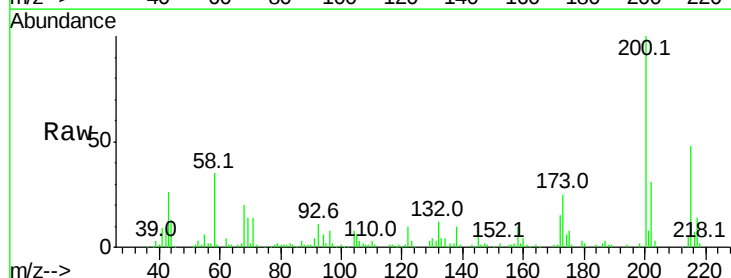
Tgt Ion:200 Resp: 101828

Ion Ratio Lower Upper

200 100

173 24.5 8.6 48.6

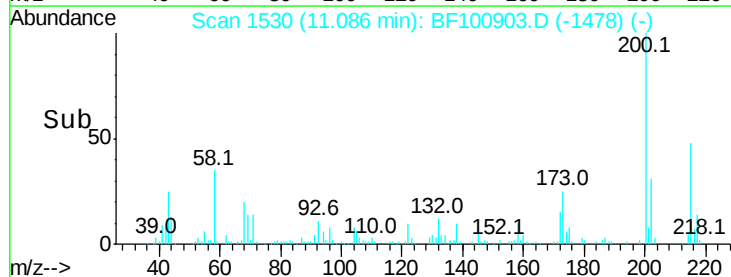
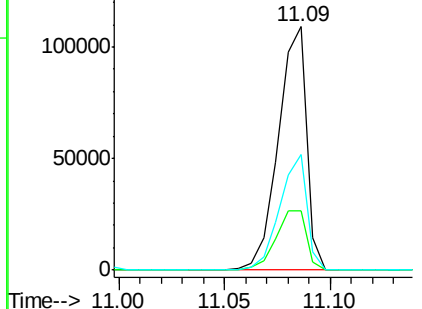
215 47.6 25.1 65.1

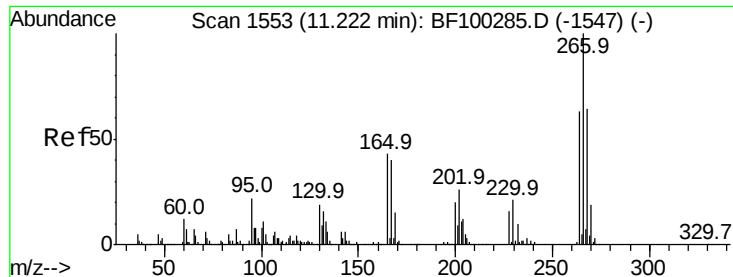


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





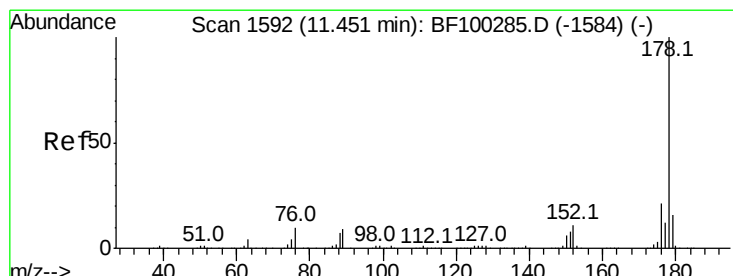
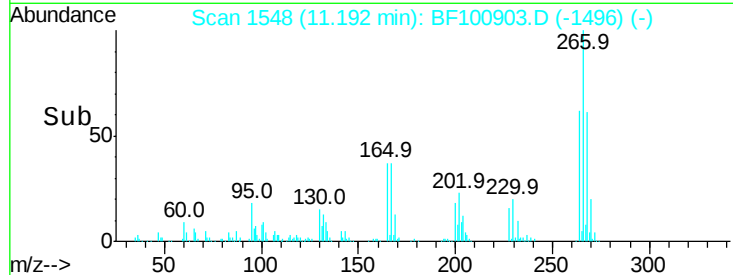
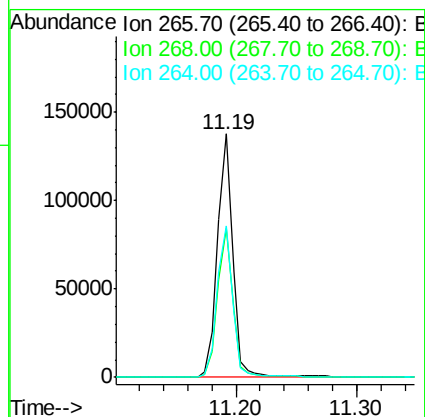
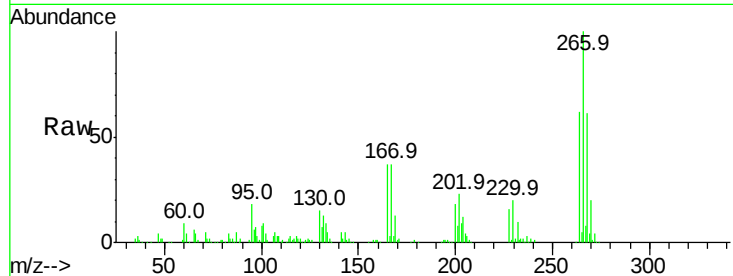
#69
 Pentachlorophenol
 Concen: 81.835 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion:	266	Resp:	120479
Ion Ratio	Lower	Upper	
266	100		
268	61.3	51.1	76.7
264	62.4	49.5	74.3

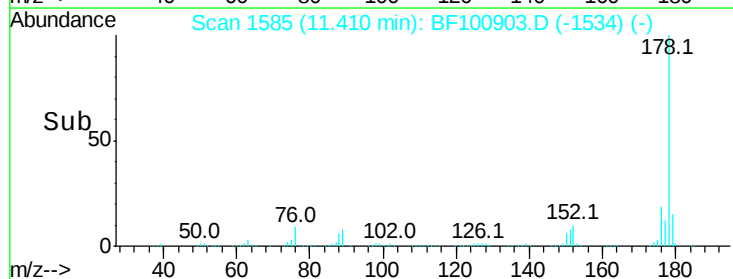
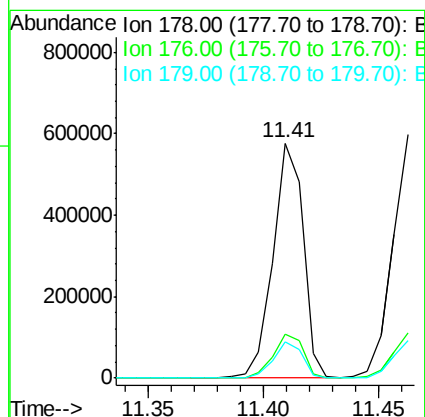
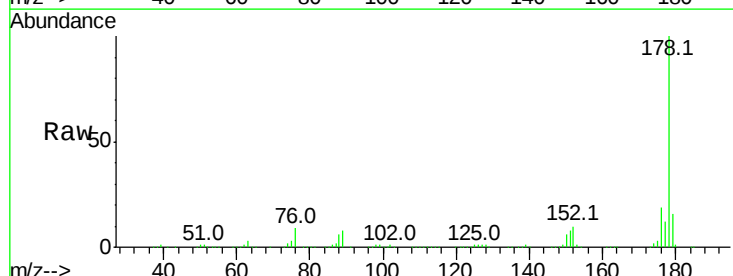
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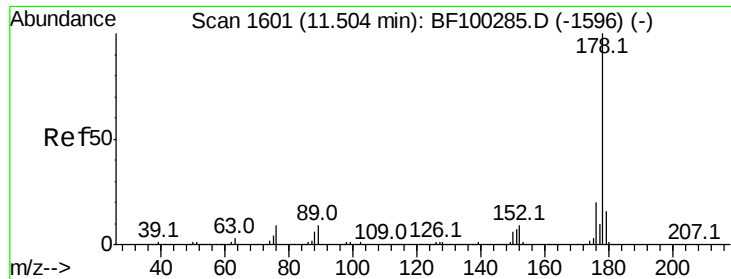
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#70
 Phenanthrene
 Concen: 54.127 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion:	178	Resp:	521881
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6





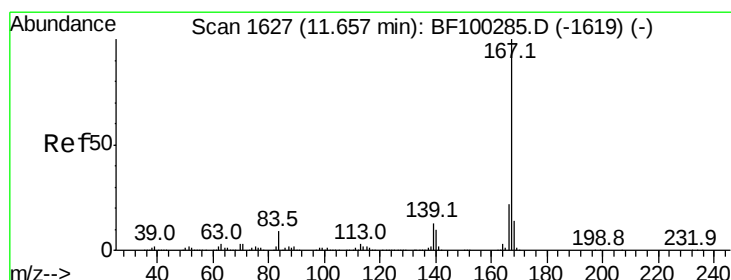
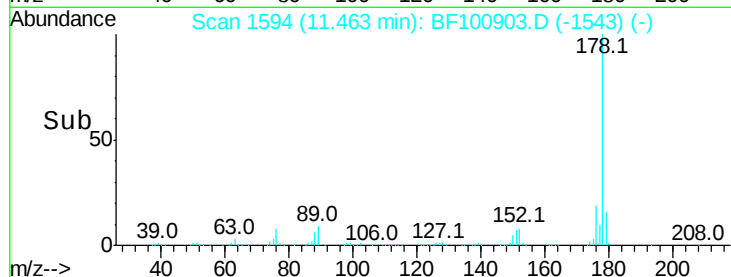
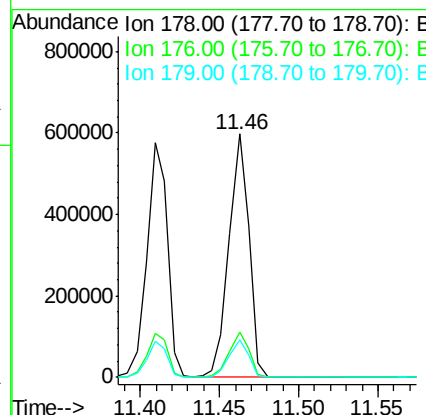
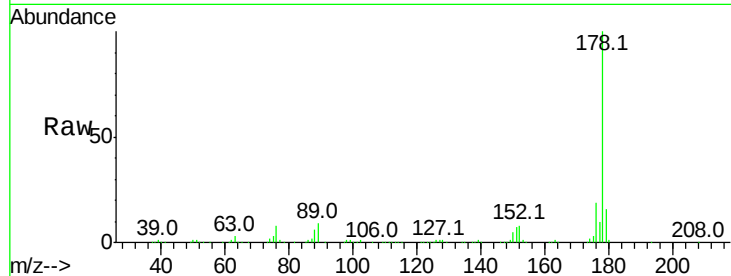
#71
 Anthracene
 Concen: 53.686 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	19.0

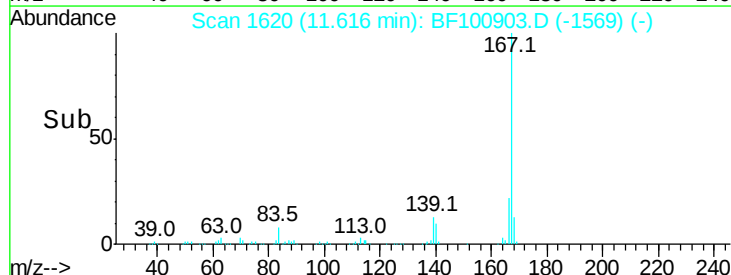
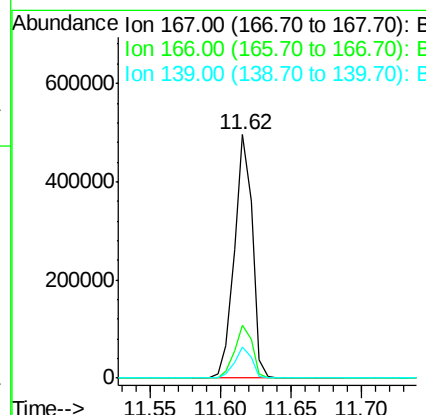
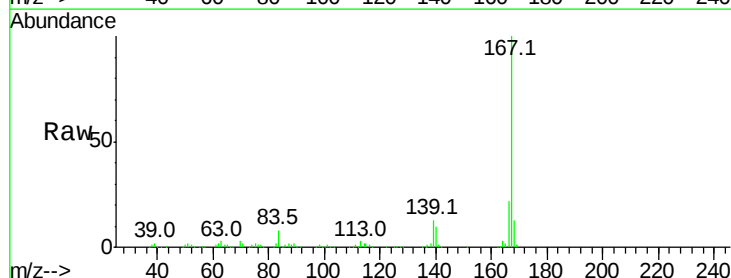
Manual Integrations
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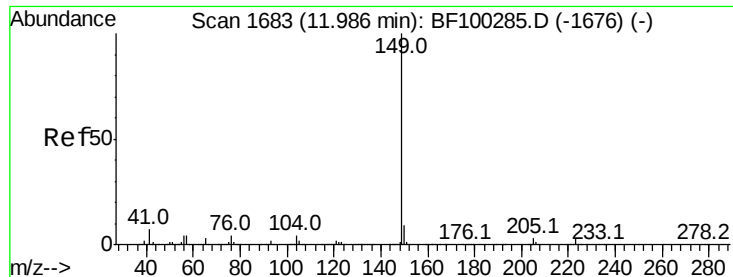
Sohil
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#72
 Carbazole
 Concen: 48.604 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 57.832 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

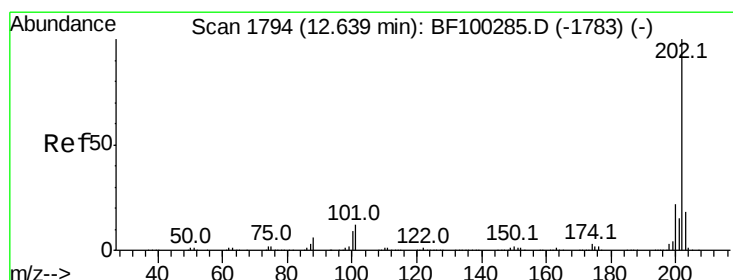
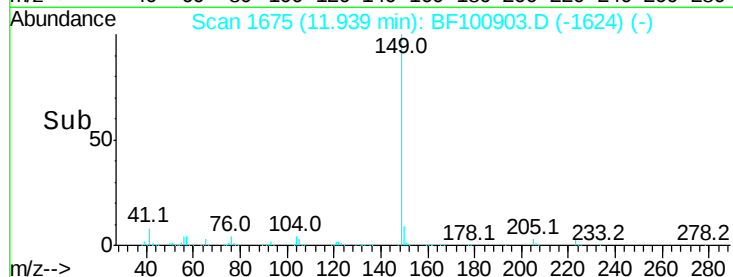
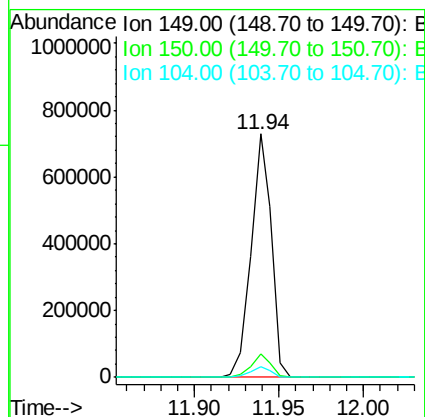
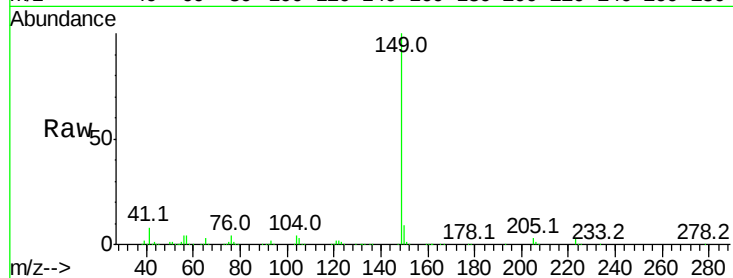
ClientSampleId :

SU-04-112117MSD

Tot Ion:	149	Resp:	610851
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.3	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 48.231 ng

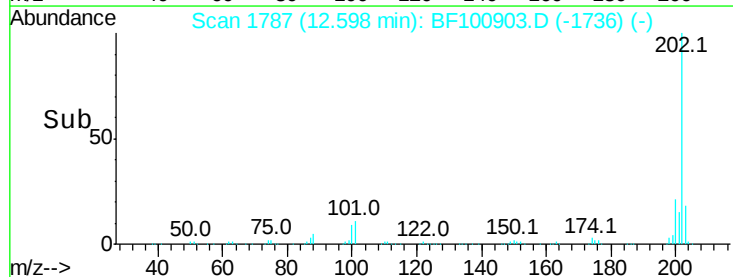
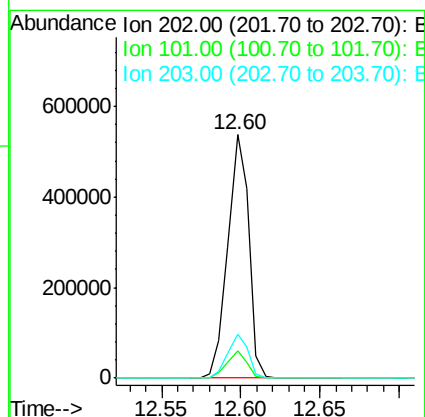
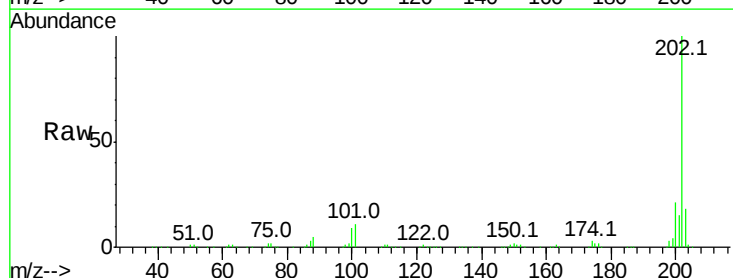
RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	202	Resp:	492844
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Instrument :

BNA_F

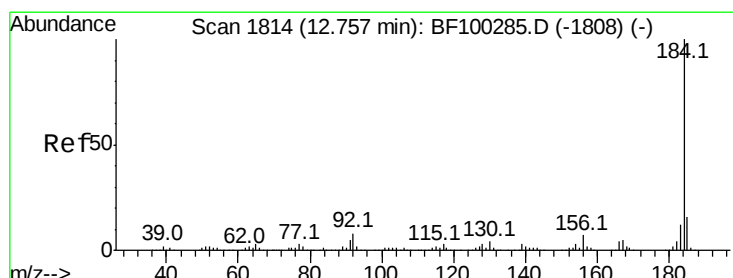
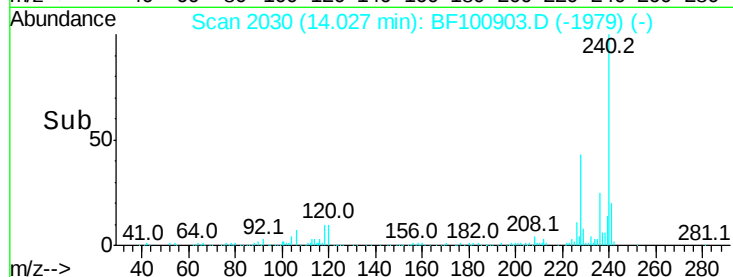
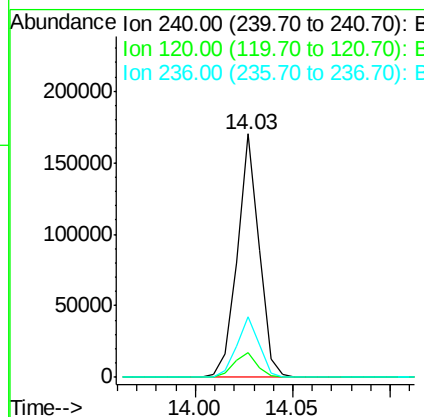
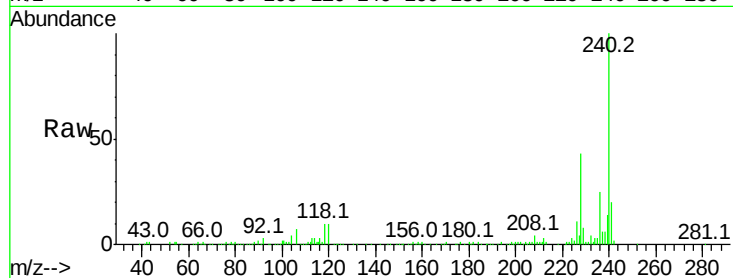
ClientSampleId :

SU-04-112117MSD

Tot Ion:	240	Resp:	131711
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	25.1	20.7	31.1

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#76

Benzidine

Concen: 2.291 ng

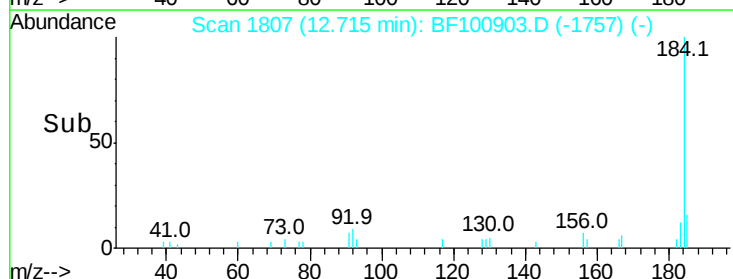
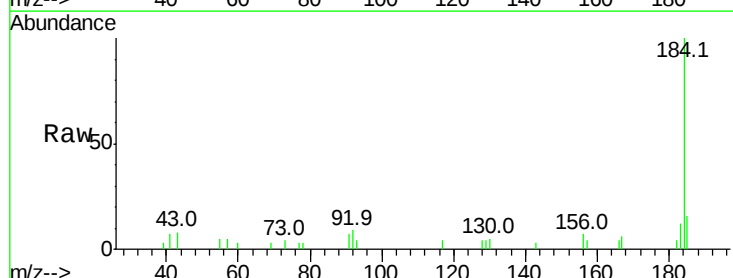
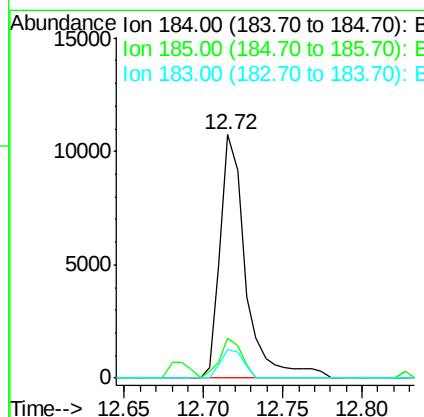
RT: 12.72 min Scan# 1807

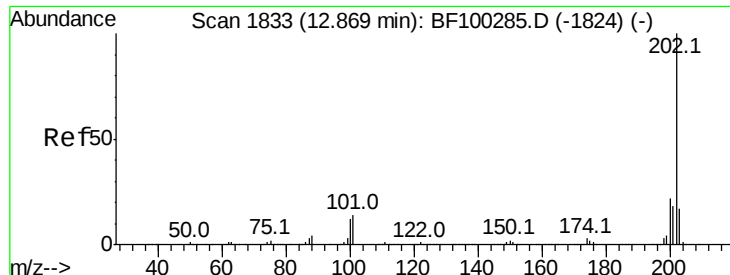
Delta R.T. -0.01 min

Lab File: BF100903.D

Acq: 27 Nov 2017 20:14

Tgt Ion:	184	Resp:	12082
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.6	18.8
183	11.7	9.3	13.9





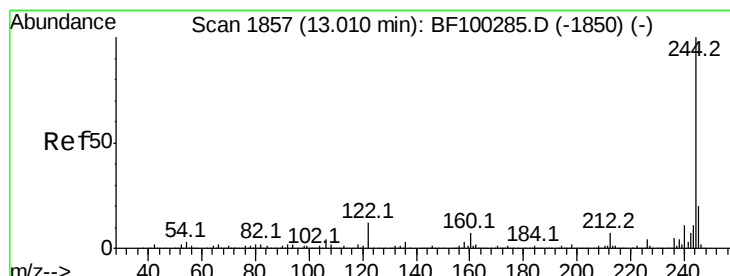
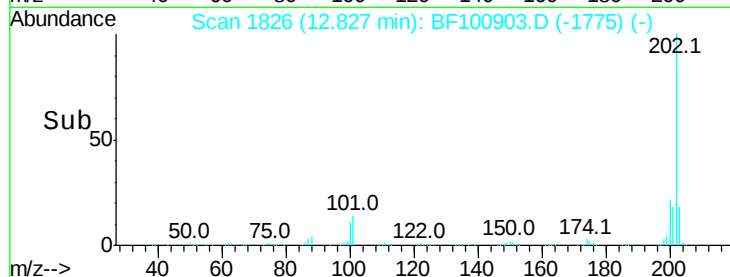
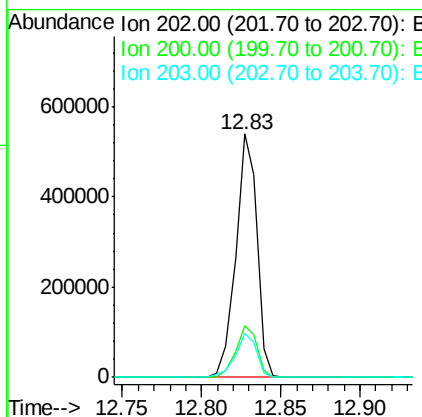
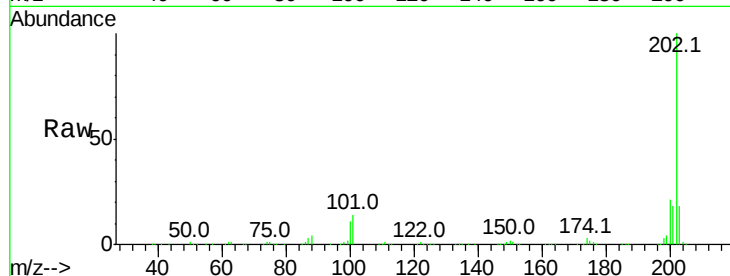
#77
Pvrene
Concen: 52.941 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

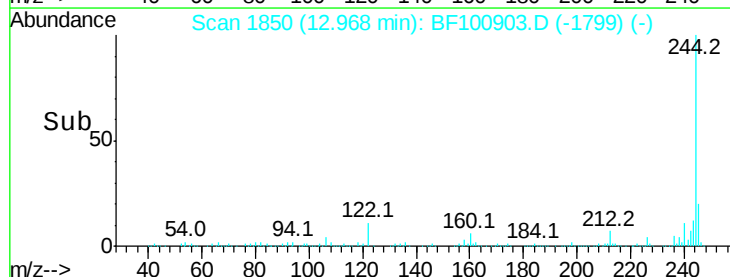
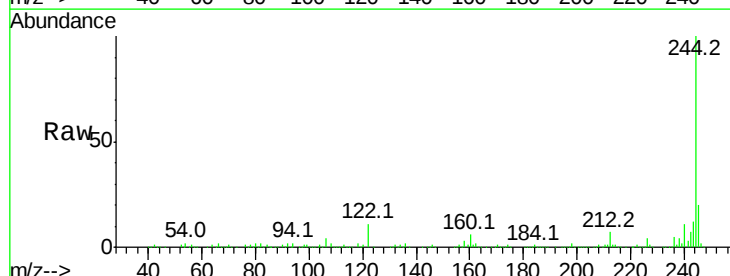
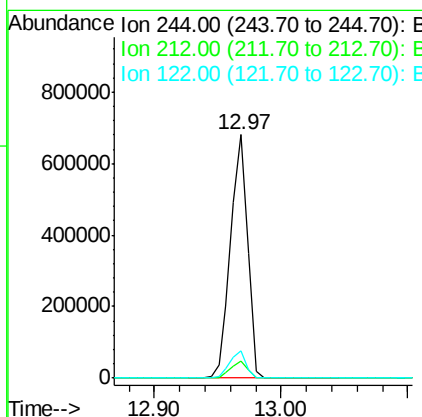
Manual Integrations
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#78
Terphenyl-d14
Concen: 110.350 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

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





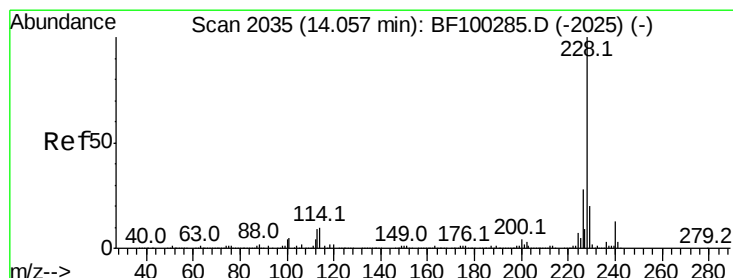
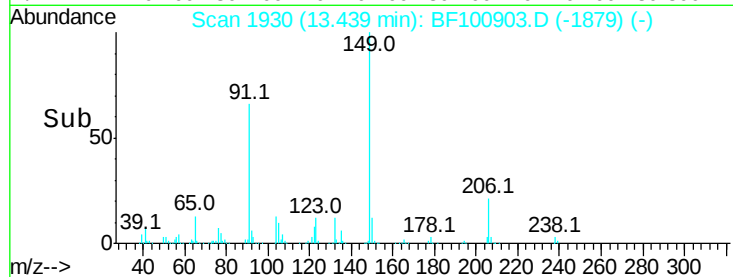
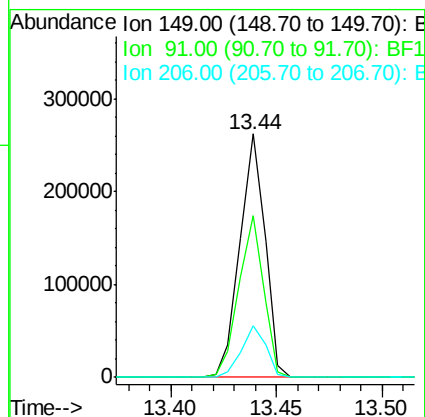
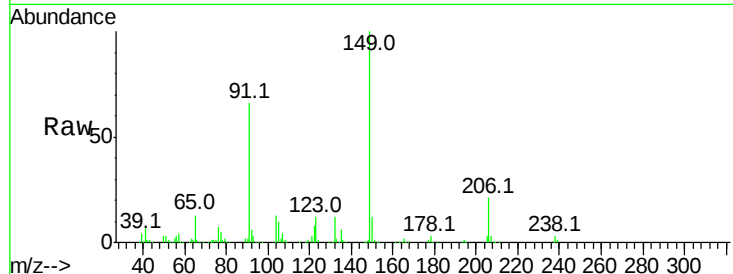
#79
 Butylbenzylphthalate
 Concen: 56.343 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion:	149	Resp:	215734
Ion Ratio	Lower	Upper	
149	100		
91	66.3	56.8	85.2
206	20.9	14.1	21.1

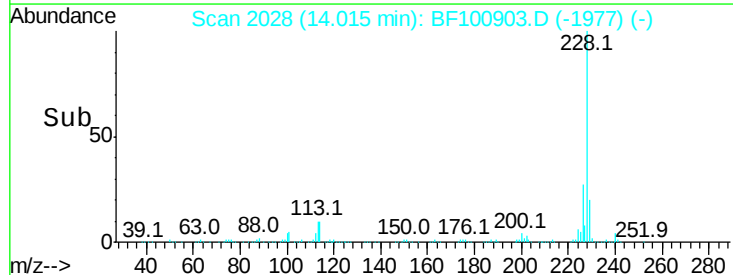
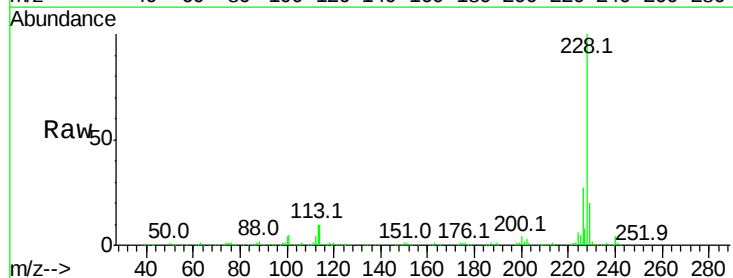
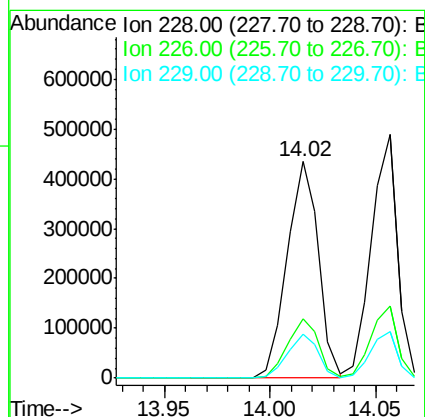
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#80
 Benzo(a)anthracene
 Concen: 56.417 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion:	228	Resp:	447475
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	20.2	15.8	23.6





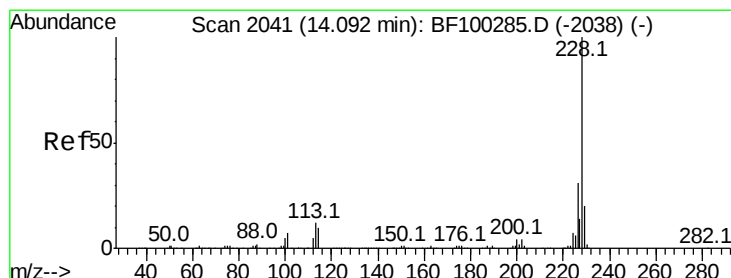
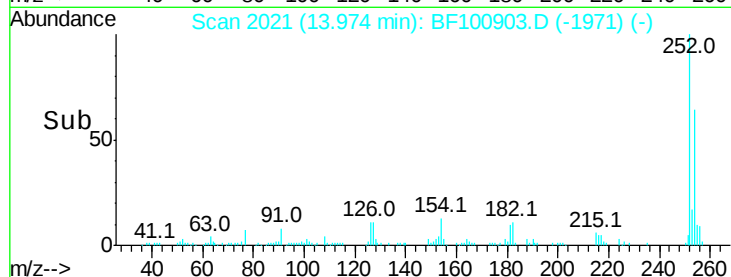
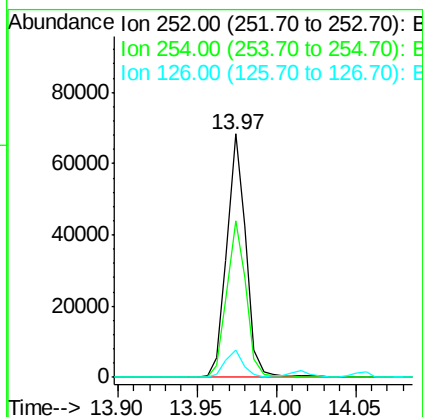
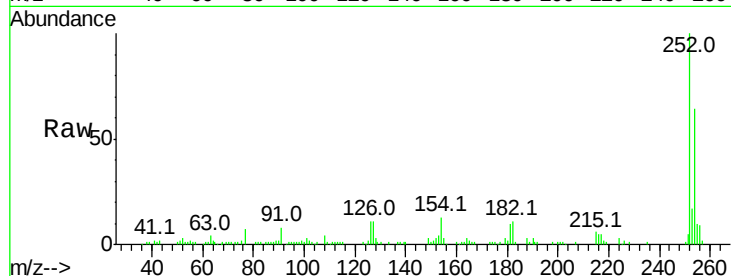
#81
 3,3'-Dichlorobenzidine
 Concen: 20.047 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.1	11.3	16.9

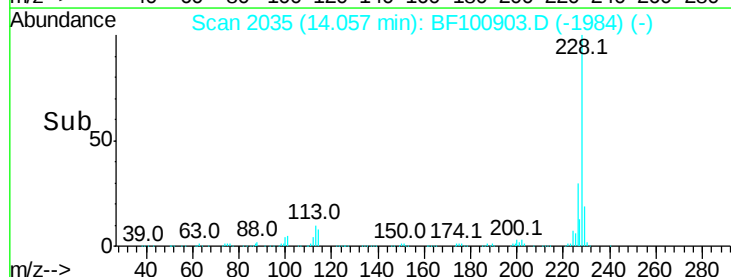
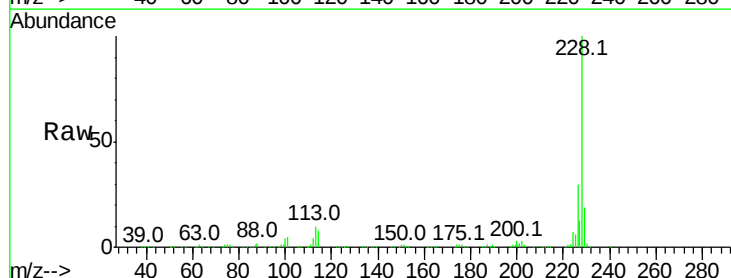
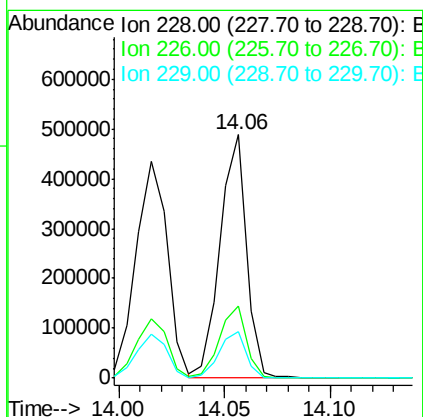
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#82
 Chrysene
 Concen: 55.058 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.3	16.2	24.4





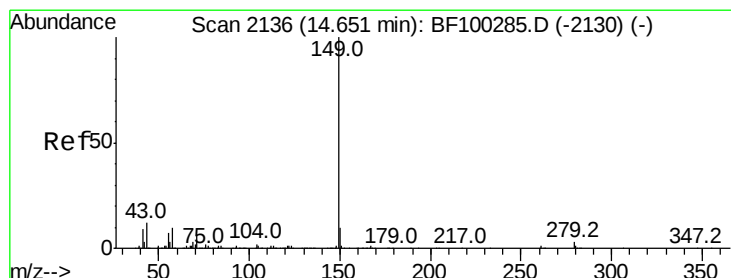
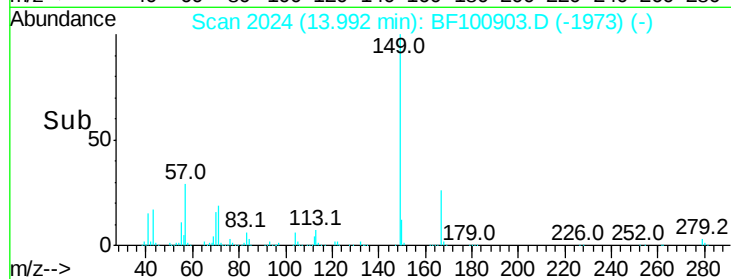
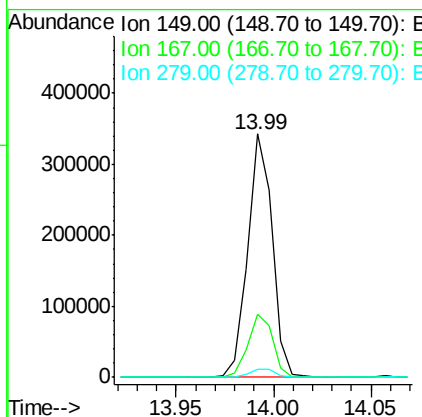
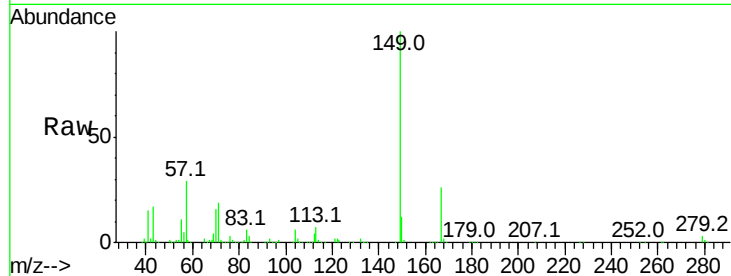
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.001 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4

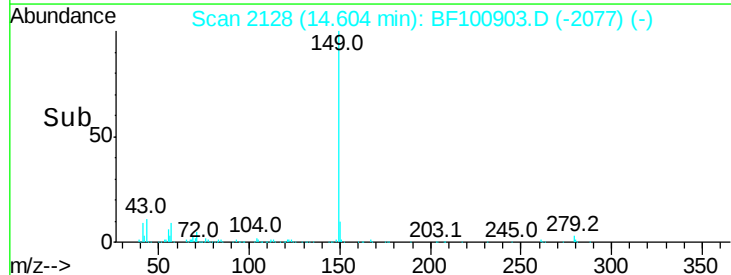
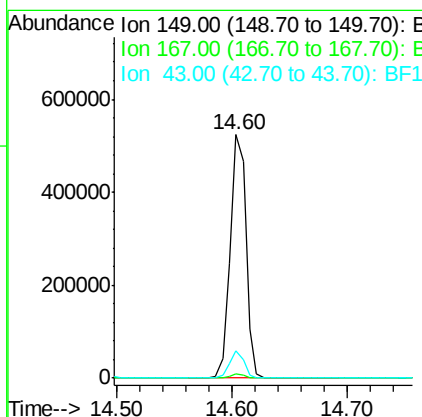
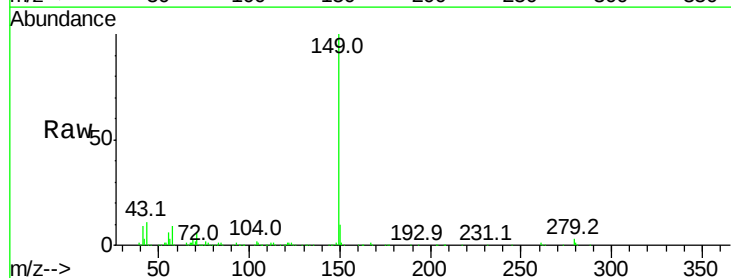
Manual Integrations
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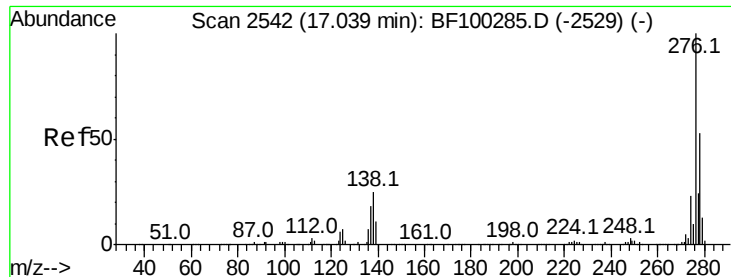
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#84
 Di-n-octyl phthalate
 Concen: 57.322 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6





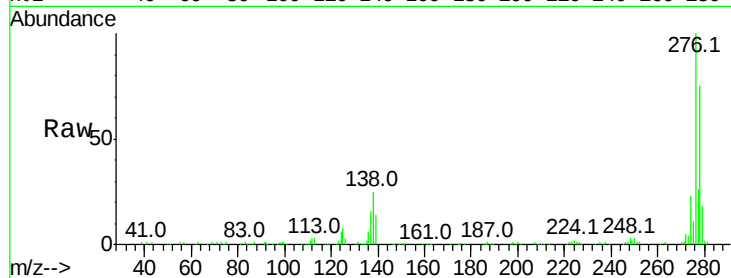
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.389 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

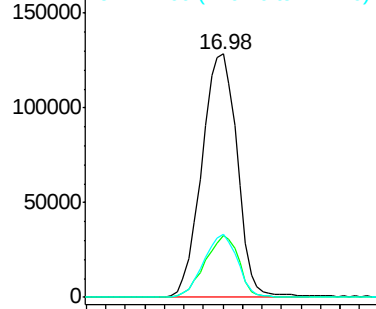
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	25.0	20.1	30.1

Manual Integrations
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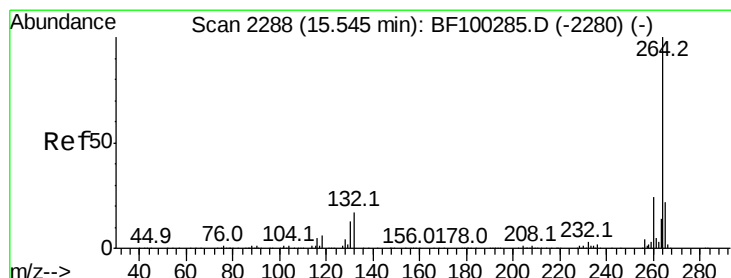
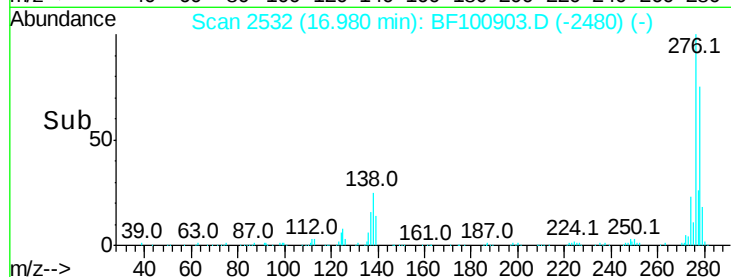
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



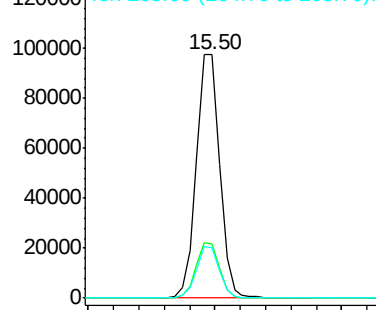
Time-->



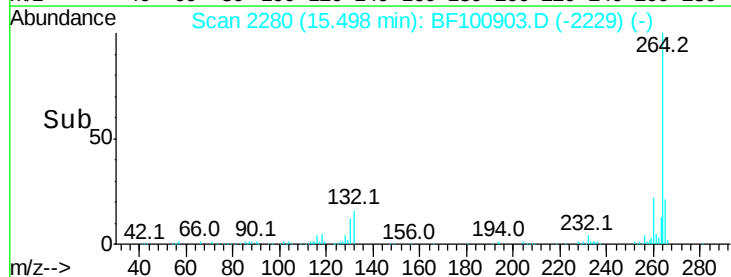
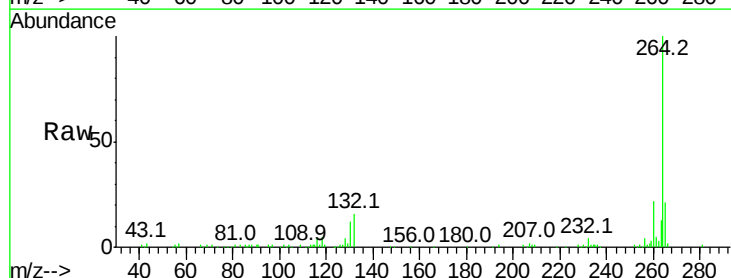
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.5	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





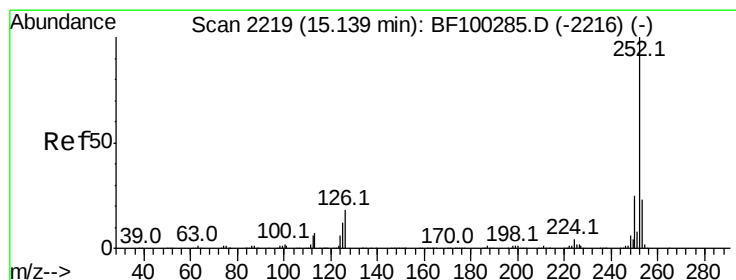
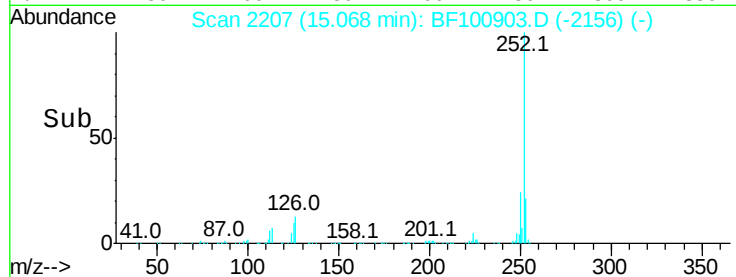
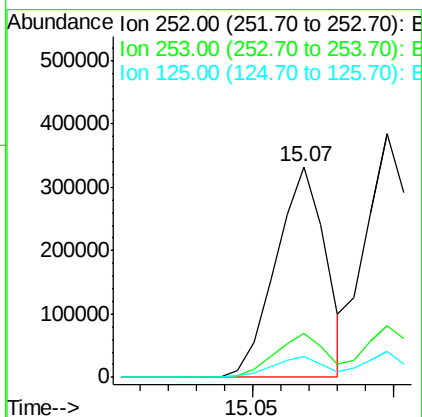
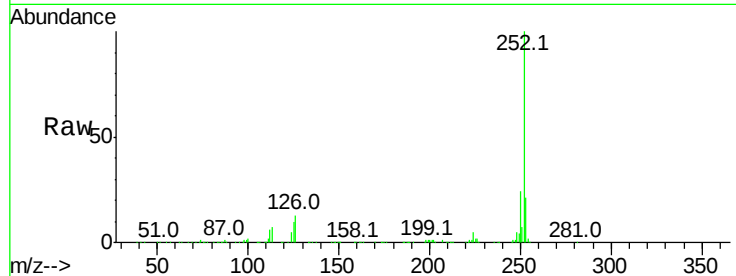
#87
Benzo(b)fluoranthene
Concen: 55.143 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	10.1	9.0	13.6

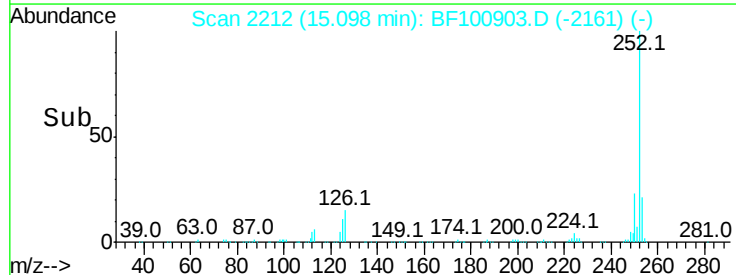
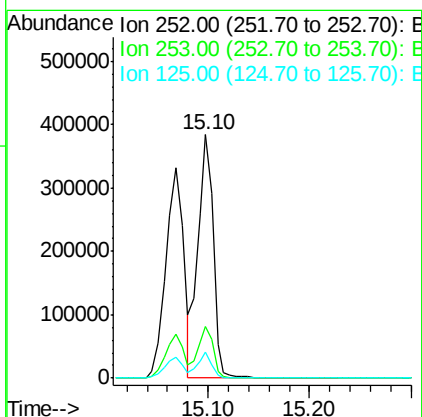
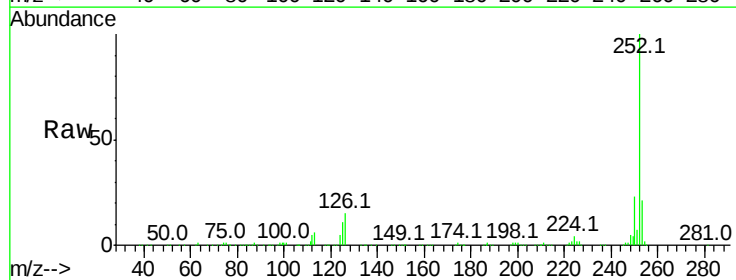
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#88
Benzo(k)fluoranthene
Concen: 58.190 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	10.6	10.2	15.2





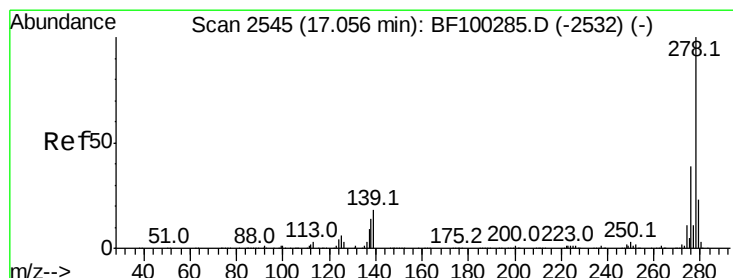
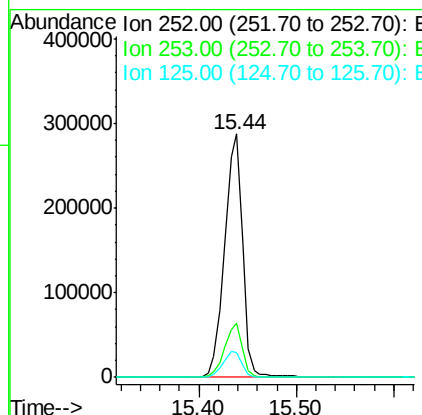
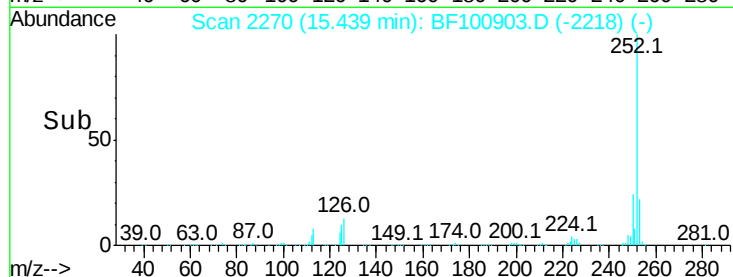
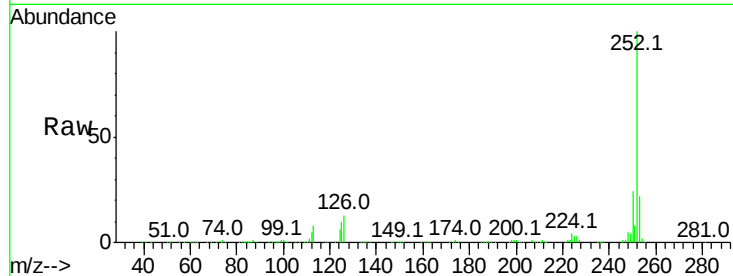
#89
Benzo(a)pyrene
Concen: 56.134 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.9	9.8	14.6

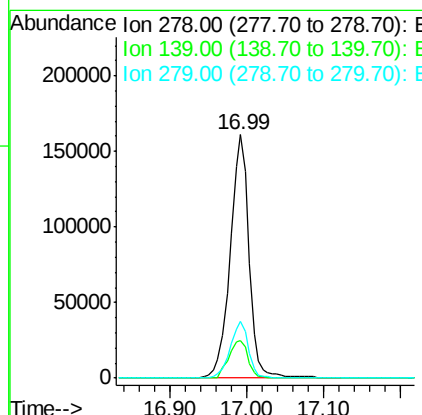
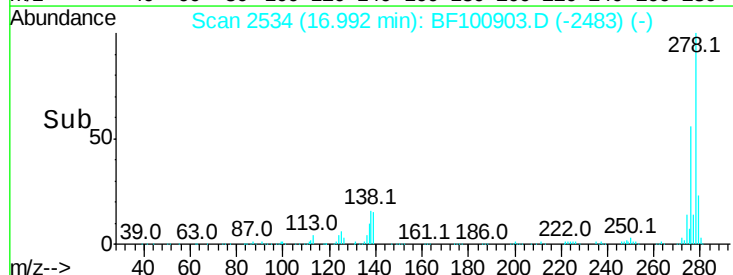
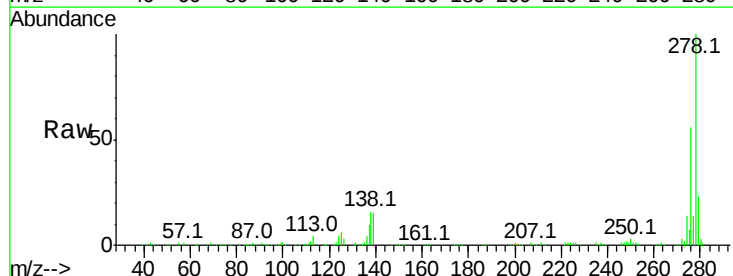
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#90
Dibenzo(a,h)anthracene
Concen: 51.602 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF100903.D
Acq: 27 Nov 2017 20:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	15.9	23.9#
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.195 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BF100903.D
 Acq: 27 Nov 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-112117MSD

Tot Ion:	276	Resp:	262341
Ion Ratio	Lower	Upper	
276	100		
277	22.3	17.9	26.9
138	20.7	21.8	32.8#

Manual Integrations
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