

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100790.D
 Acq On : 21 Nov 2017 19:40
 Operator : SJ/JU
 Sample : I6499-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:23 PM

Quant Time: Nov 22 06:34:03 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	87248	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	335149	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	148107	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	262370	20.00	ng	0.00
75) Chrysene-d12	14.04	240	165725	20.00	ng	0.00
86) Perylene-d12	15.51	264	199487	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	582596	107.04	ng	0.01
7) Phenol-d6	6.51	99	698150	104.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	438907	86.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	173929	115.25	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	879899	90.46	ng	0.00
78) Terphenyl-d14	12.98	244	641929	89.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	82436	31.079	ng	94
3) Pyridine	3.49	79	223319	30.860	ng	97
4) n-Nitrosodimethylamine	3.45	42	112527	32.027	ng	98
6) Aniline	6.54	93	90618	9.557	ng	98
8) 2-Chlorophenol	6.66	128	235359	40.875	ng	96
9) Benzaldehyde	6.43	77	85582	17.855	ng	94
10) Phenol	6.52	94	299728	42.539	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	216609	36.600	ng	96
12) 1,3-Dichlorobenzene	6.82	146	270220	40.705	ng	96
13) 1,4-Dichlorobenzene	6.89	146	270761	40.298	ng	97
14) 1,2-Dichlorobenzene	7.05	146	252630	40.666	ng	98
15) Benzyl Alcohol	7.02	79	197631	37.729	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	372898	39.395	ng	98
17) 2-Methylphenol	7.13	107	196845	40.005	ng	98
18) Hexachloroethane	7.39	117	85049	38.391	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	157561	33.850	ng	93
20) 3+4-Methylphenols	7.28	107	239886	38.526	ng	# 70
22) Acetophenone	7.29	105	312407	38.226	ng	# 97
24) Nitrobenzene	7.46	77	236131	45.257	ng	100
25) Isophorone	7.70	82	426260	40.014	ng	97
26) 2-Nitrophenol	7.77	139	127799	51.766	ng	89
27) 2,4-Dimethylphenol	7.81	122	212540	44.507	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	272496	39.106	ng	99
29) 2,4-Dichlorophenol	8.02	162	202252	44.365	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	215687	43.739	ng	95
31) Naphthalene	8.18	128	671617	41.605	ng	100
32) Benzoic acid	7.89	122	25205	14.918	ng	98
33) 4-Chloroaniline	8.22	127	30747	4.576	ng	96
34) Hexachlorobutadiene	8.29	225	124568	42.486	ng	98
35) Caprolactam	8.60	113	60596m	38.732	ng	
36) 4-Chloro-3-methylphenol	8.71	107	198801	40.603	ng	98
37) 2-Methylnaphthalene	8.87	142	453171	42.285	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	209515	42.654	ng	# 95
40) Hexachlorocyclopentadiene	9.02	237	69722	30.159	ng	99

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Sohil
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 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)
42) 2,4,6-Trichlorophenol	9.15	196	143174	45.990	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	148273	45.970	nq #	88
45) 1,1'-Biphenyl	9.33	154	543190	42.404	nq	99
46) 2-Chloronaphthalene	9.36	162	419559	45.148	nq	95
47) 2-Nitroaniline	9.46	65	120889	44.255	nq	95
48) Acenaphthylene	9.77	152	644074	41.821	nq	99
49) Dimethylphthalate	9.63	163	537868	47.565	nq	99
50) 2,6-Dinitrotoluene	9.70	165	106359	47.516	nq	87
51) Acenaphthene	9.95	154	376567	40.204	nq	99
52) 3-Nitroaniline	9.86	138	37869	14.327	nq	94
53) 2,4-Dinitrophenol	9.97	184	20863	32.792	nq #	18
54) Dibenzofuran	10.12	168	551027	41.975	nq	96
55) 4-Nitrophenol	10.03	139	145638	67.857	nq	94
56) 2,4-Dinitrotoluene	10.10	165	138727	49.128	nq #	81
57) Fluorene	10.46	166	419129	43.583	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	113618	42.980	nq #	85
59) Diethylphthalate	10.33	149	466769	41.247	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	209305	44.366	nq	91
61) 4-Nitroaniline	10.48	138	88153	35.172	nq	84
62) Azobenzene	10.61	77	403761	37.883	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	25515	24.392	nq #	74
65) n-Nitrosodiphenylamine	10.57	169	399016	43.738	nq	95
66) 4-Bromophenyl-phenylether	10.94	248	132849	47.234	nq #	89
67) Hexachlorobenzene	11.01	284	132308	44.978	nq #	84
68) Atrazine	11.10	200	123776	44.822	nq	96
69) Pentachlorophenol	11.20	266	118921	56.379	nq	99
70) Phenanthrene	11.42	178	593026	42.929	nq	99
71) Anthracene	11.47	178	596791	42.582	nq	99
72) Carbazole	11.63	167	494282	38.222	nq	99
73) Di-n-butylphthalate	11.95	149	690453	45.624	nq	98
74) Fluoranthene	12.61	202	570260	38.951	nq	97
76) Benzidine	12.73	184	175898	26.503	nq	97
77) Pyrene	12.84	202	560573	47.452	nq	99
79) Butylbenzylphthalate	13.45	149	215552	44.741	nq	91
80) Benzo(a)anthracene	14.03	228	473695	47.465	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	118276	33.078	nq	97
82) Chrysene	14.06	228	448890	46.449	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	288325	45.502	nq	99
84) Di-n-octyl phthalate	14.62	149	485897	44.637	nq	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	474231	60.668	nq	94
87) Benzo(b)fluoranthene	15.08	252	504340	42.674	nq	99
88) Benzo(k)fluoranthene	15.11	252	466115	41.741	nq	98
89) Benzo(a)pyrene	15.45	252	481860	45.990	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	379202	44.255	nq #	95
91) Benzo(g,h,i)perylene	17.45	276	369385	44.039	nq	94

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

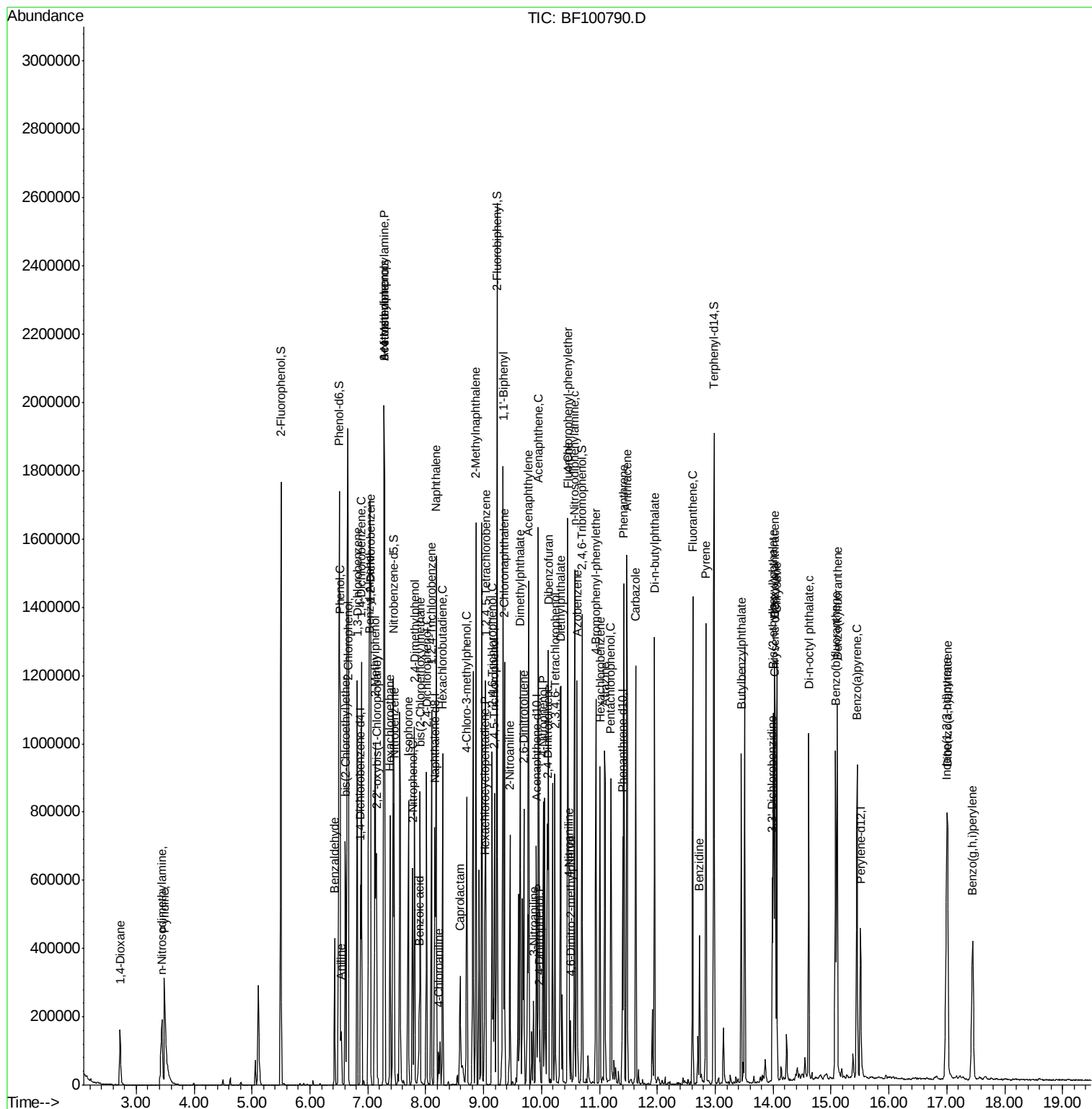
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\  
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 20      Sample Multiplier: 1
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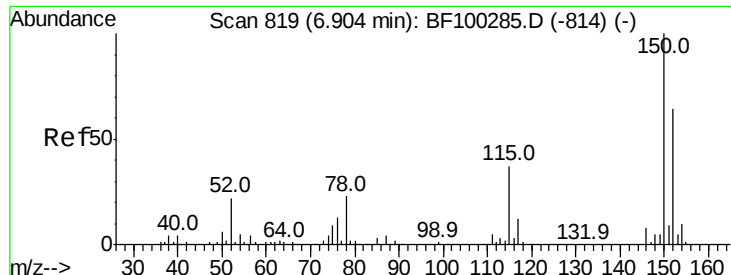
Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Manual Integrations APPROVED

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#1

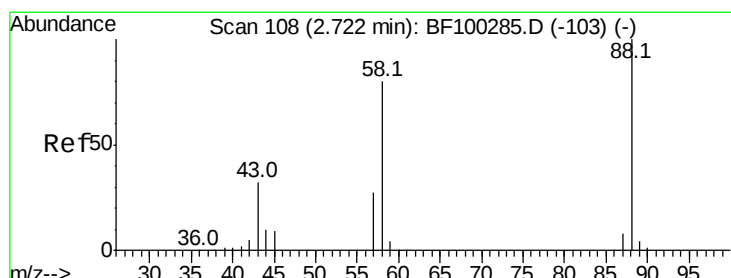
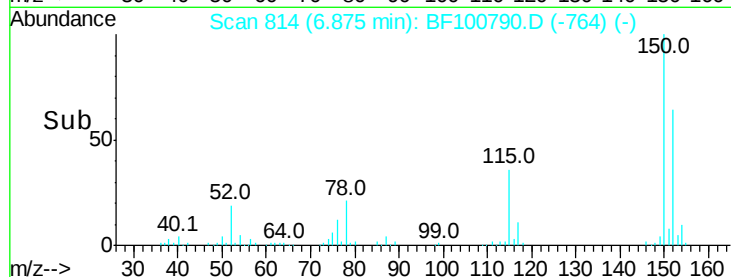
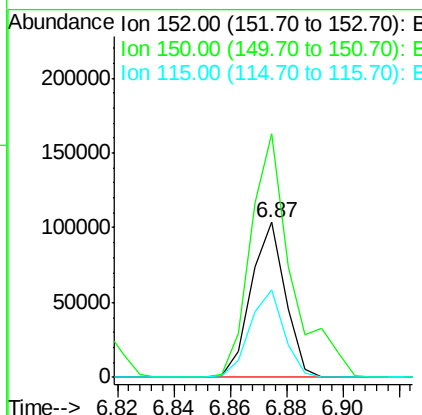
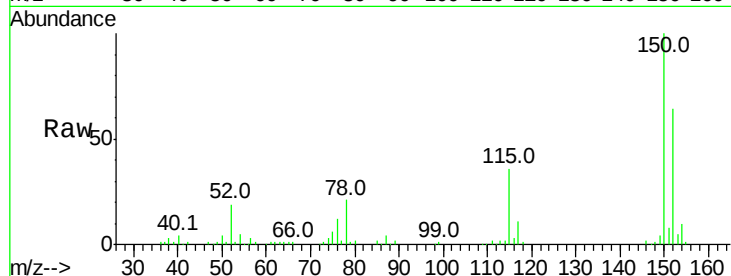
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	56.6	50.1	75.1

Manual Integrations
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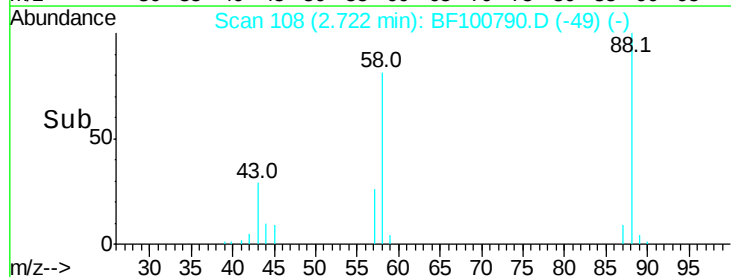
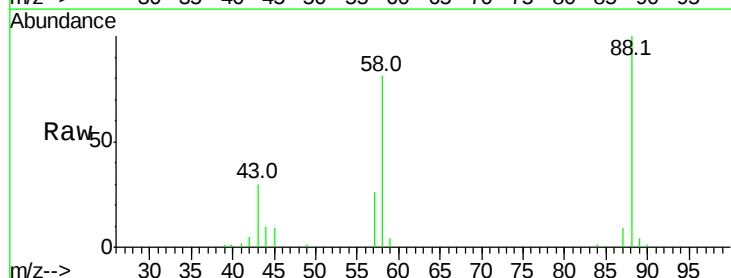
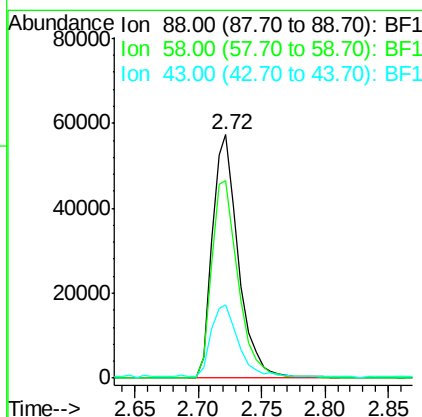
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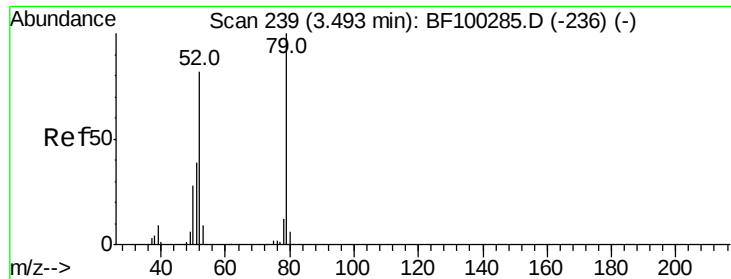


#2

1,4-Dioxane
Concen: 31.079 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	34.1	24.6	37.0





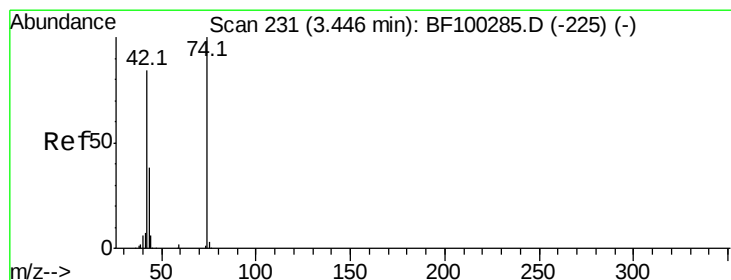
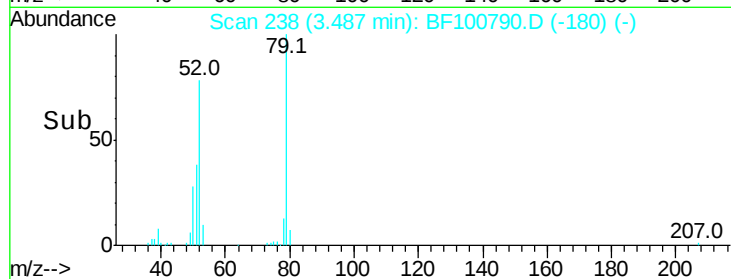
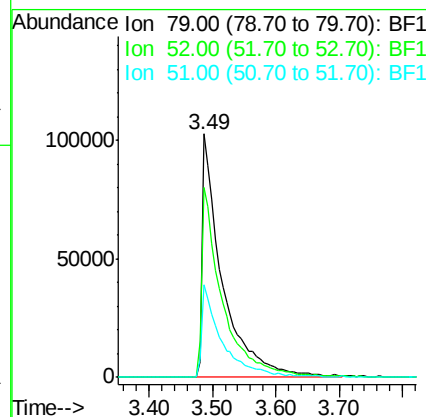
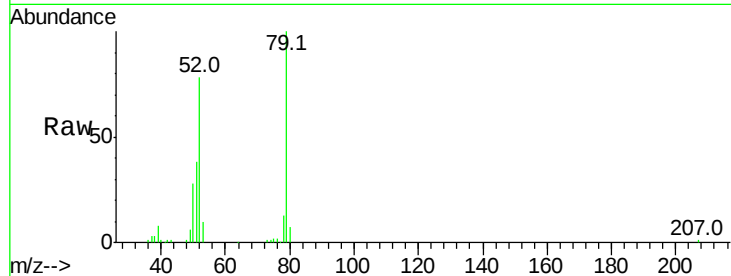
#3
 Pvridine
 Concen: 30.860 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.04 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.1	59.8	89.6
51	38.2	29.8	44.8

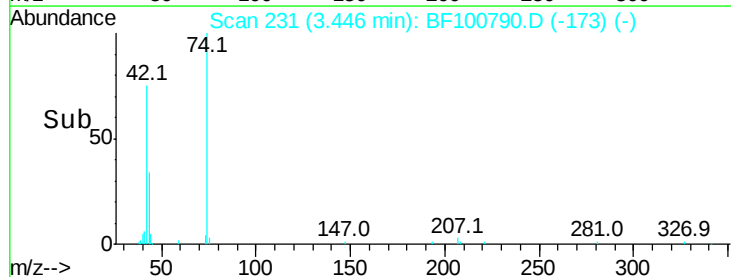
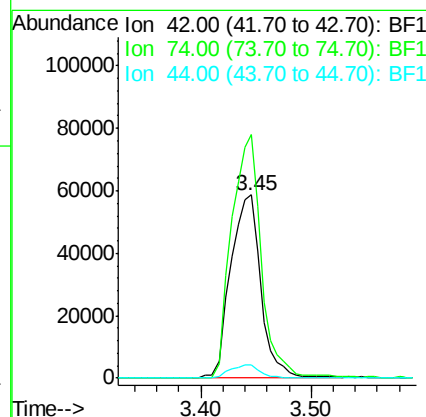
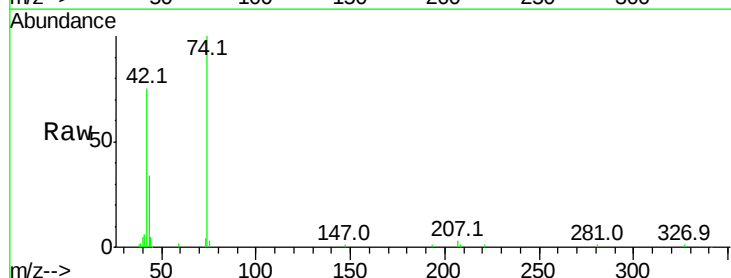
Manual Integrations
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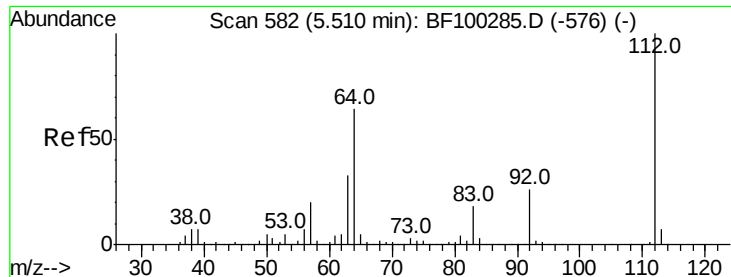
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 32.027 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.8	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 107.039 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

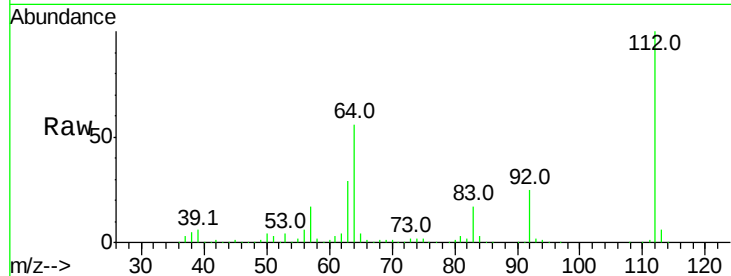
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	112	Resp:	582596
Ion Ratio	Lower	Upper	
112	100		
64	55.8	47.9	71.9
63	29.2	23.7	35.5

Manual Integrations
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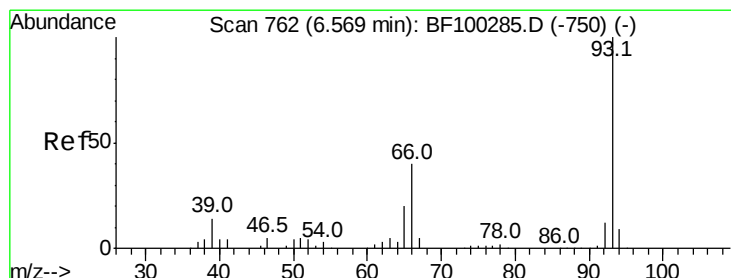
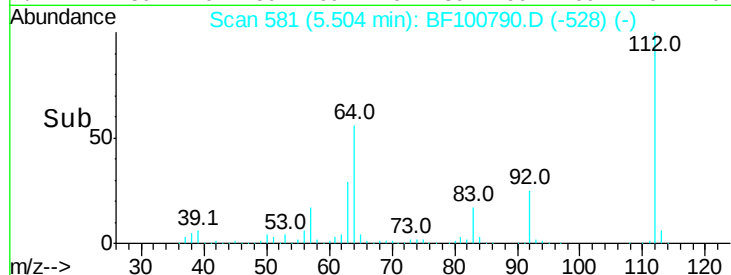
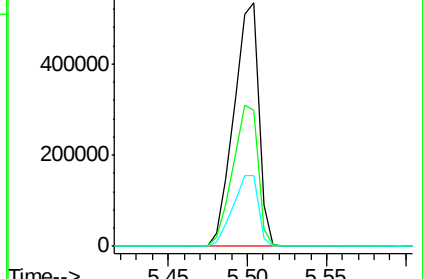
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.557 ng

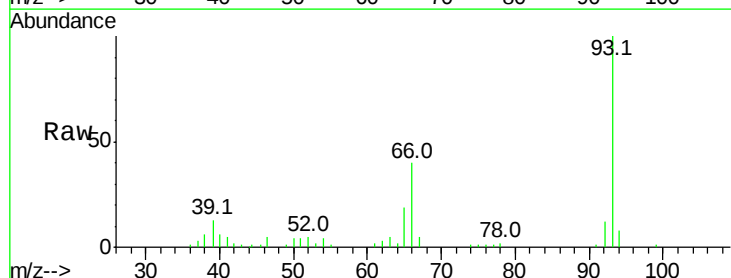
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

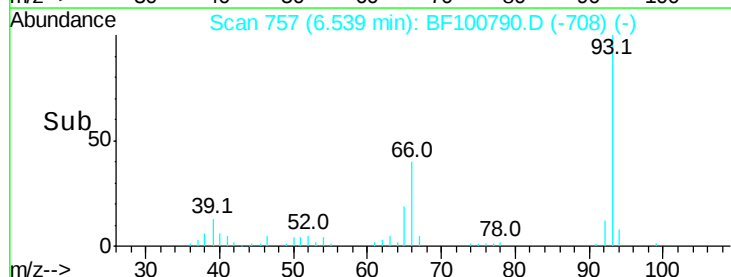
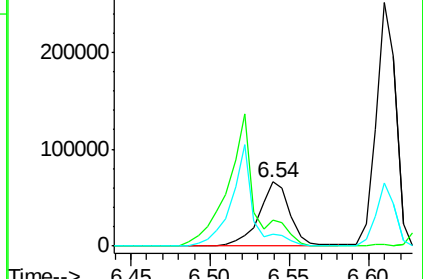
Tgt Ion:	93	Resp:	90618
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.2	48.2
65	18.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.019 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

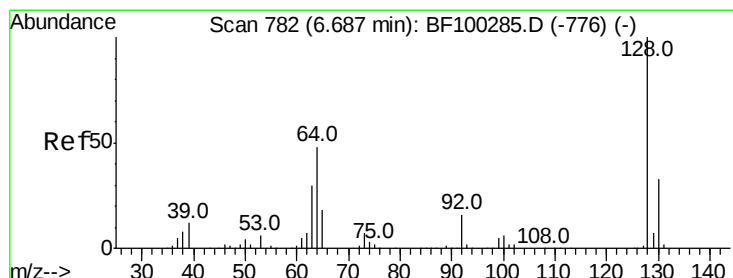
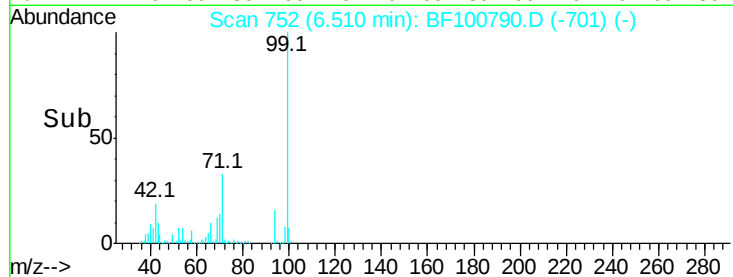
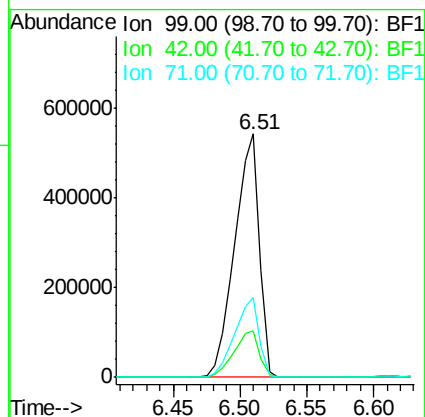
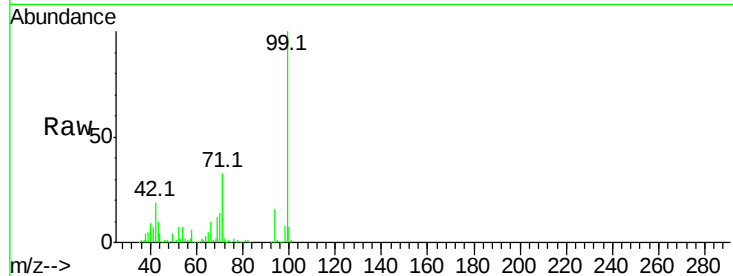
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	99	Resp:	698150
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	32.8	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.875 ng

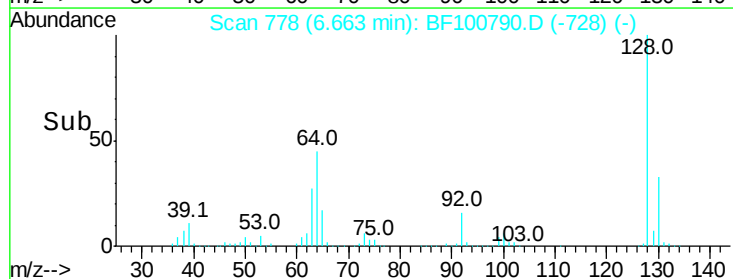
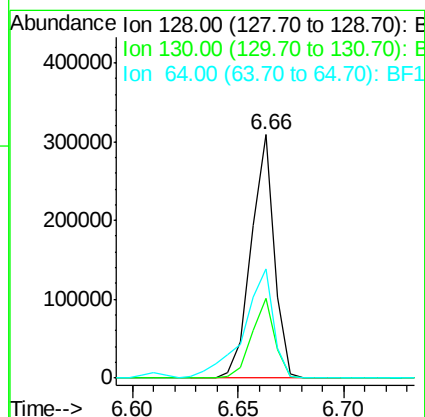
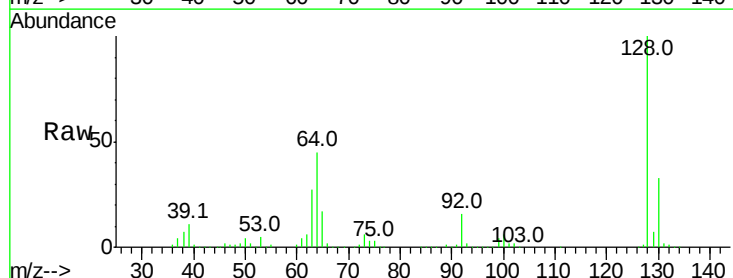
RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	128	Resp:	235359
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	44.7	29.4	69.4





#9

Benzaldehyde

Concen: 17.855 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion: 77 Resp: 85582

Ion Ratio Lower Upper

77 100

105 108.2 81.1 121.1

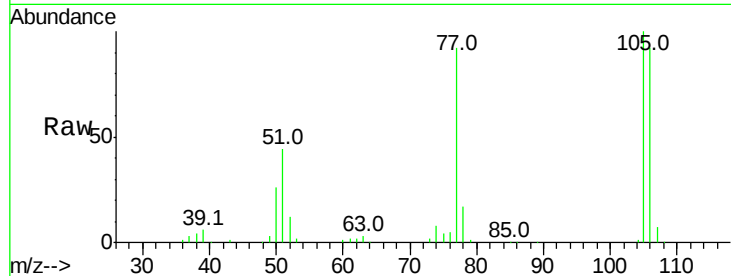
106 99.6 74.5 114.5

Manual Integrations

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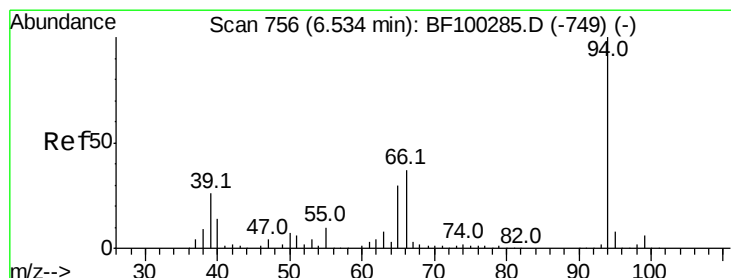
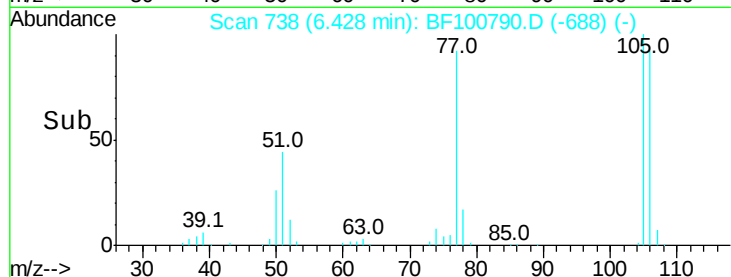
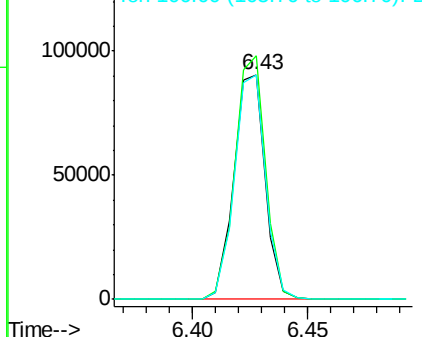
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.539 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

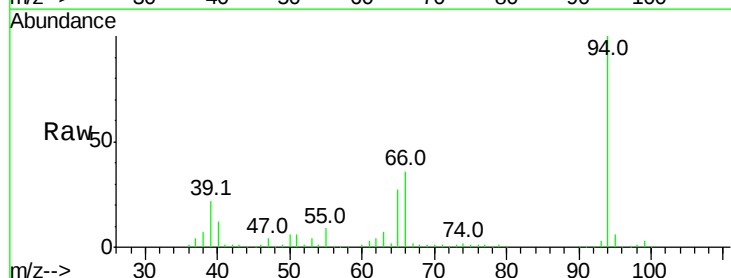
Tgt Ion: 94 Resp: 299728

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

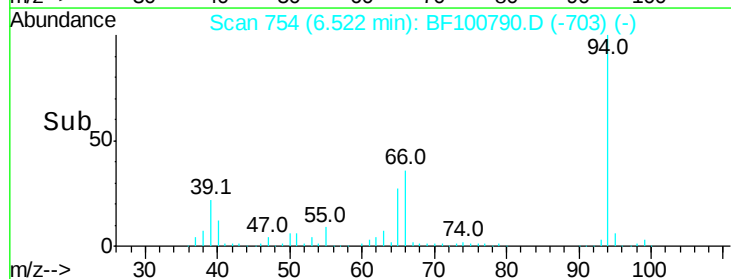
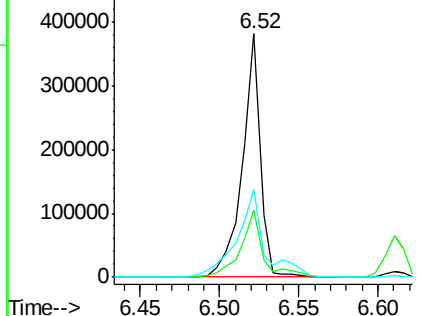
66 35.8 16.2 56.2



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: 36.600 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

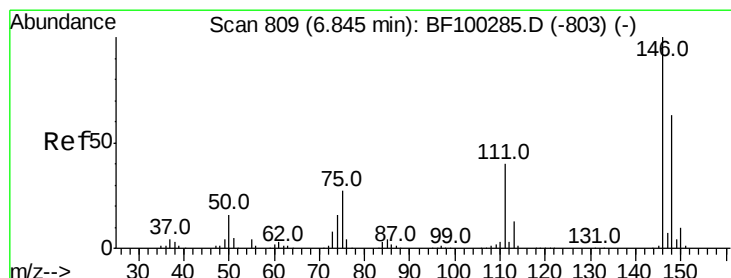
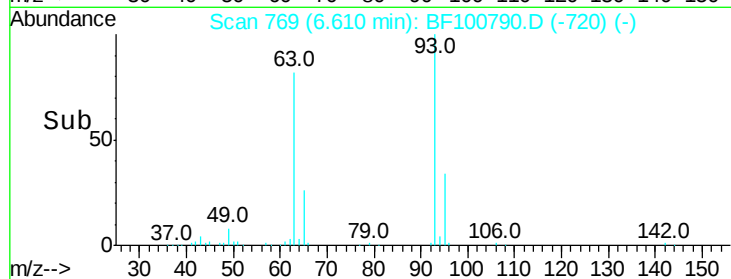
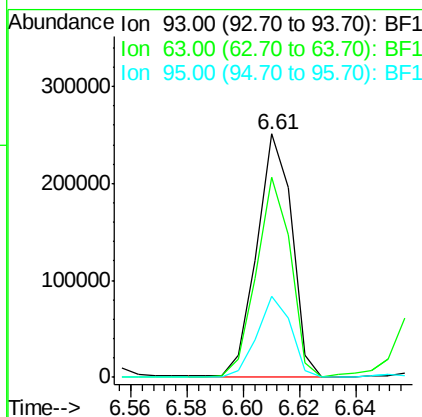
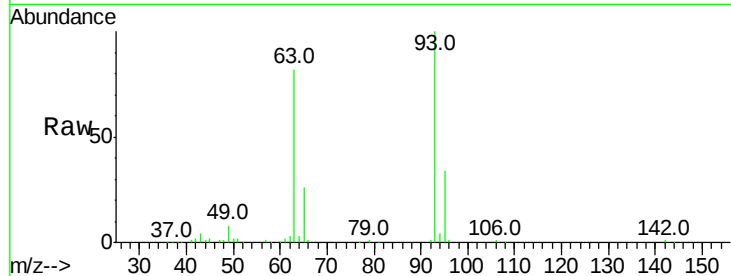
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	93	Resp:	216609
Ion Ratio	Lower	Upper	
93	100		
63	82.3	58.6	98.6
95	33.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.705 ng

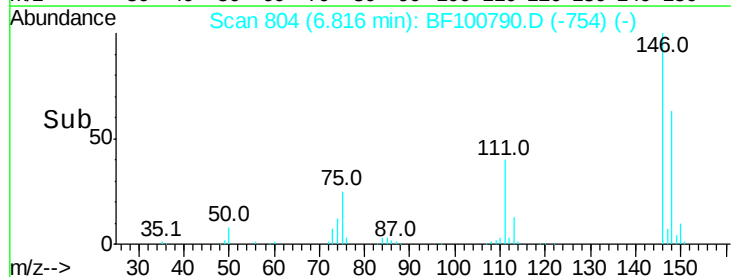
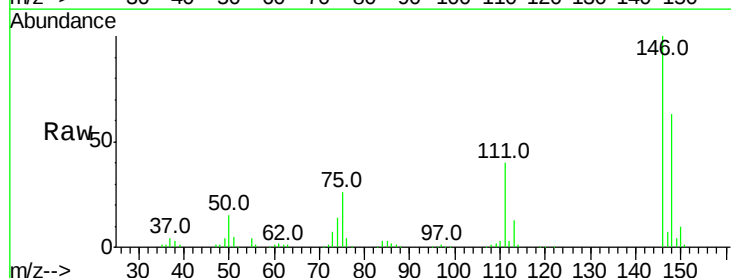
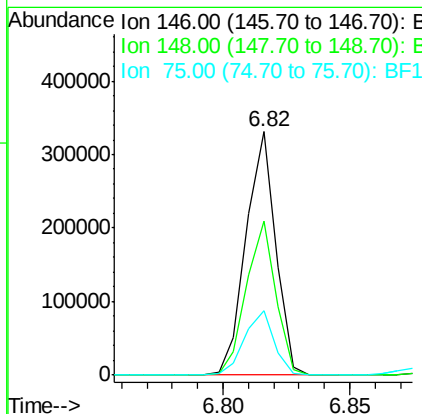
RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	146	Resp:	270220
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
75	26.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.298 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

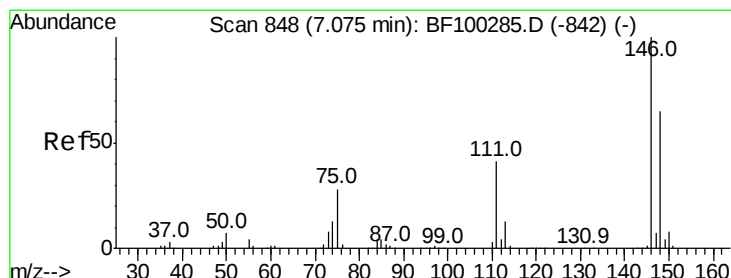
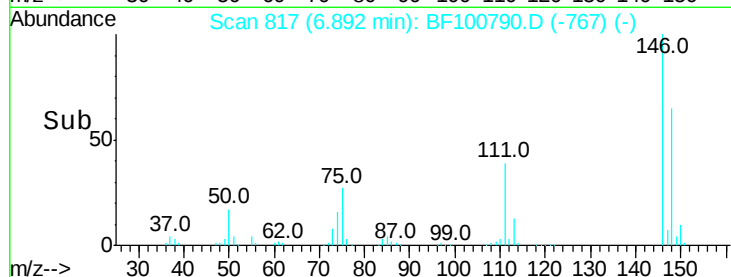
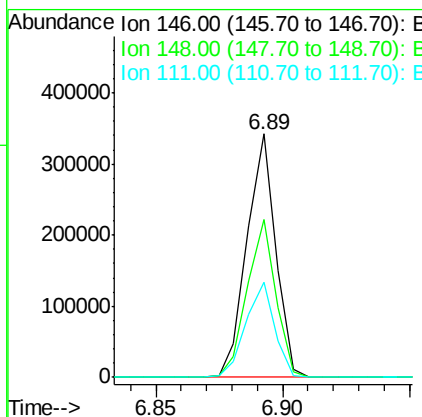
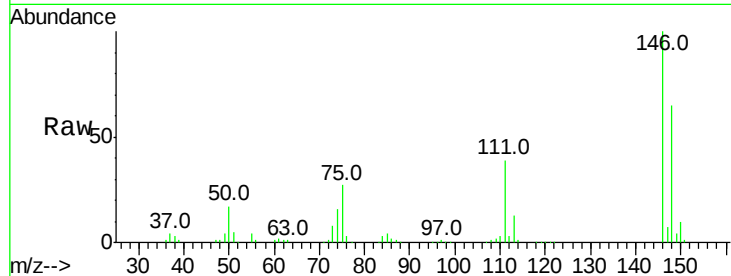
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	146	Resp:	270761
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	39.1	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.666 ng

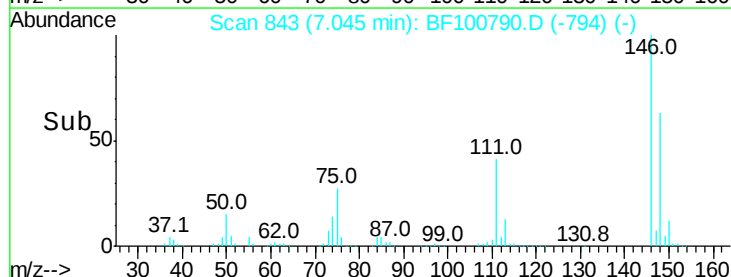
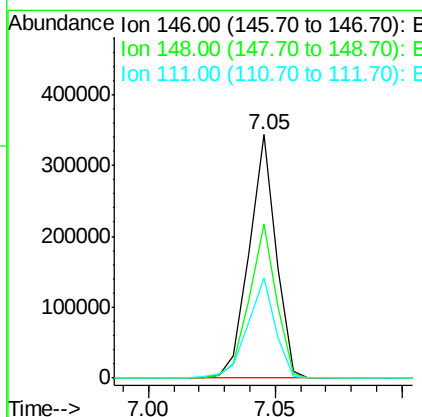
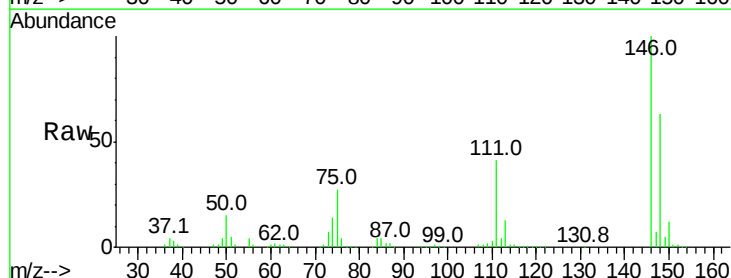
RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	146	Resp:	252630
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
111	41.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.729 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

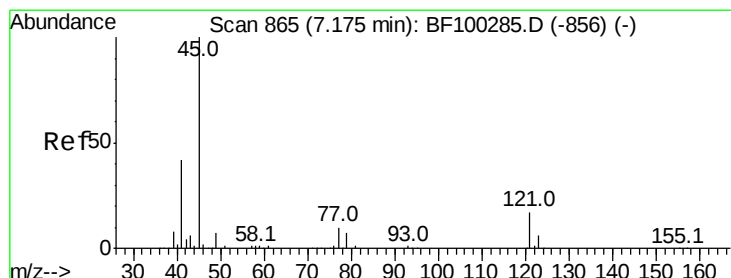
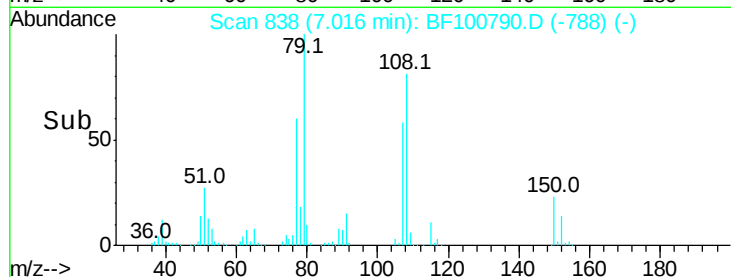
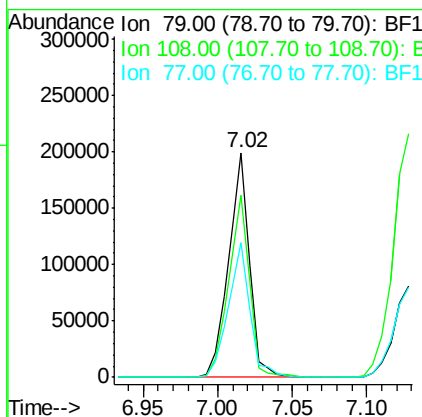
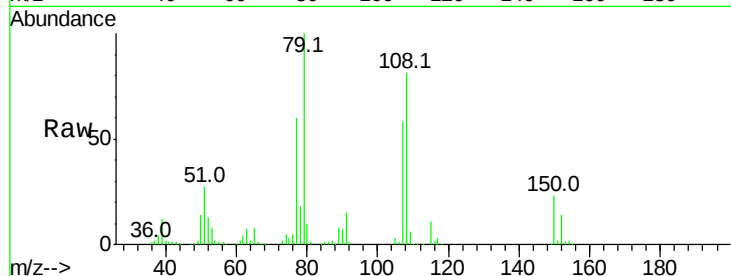
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	79	Resp:	197631
Ion Ratio	Lower	Upper	
79	100		
108	81.0	65.1	97.7
77	59.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.395 ng

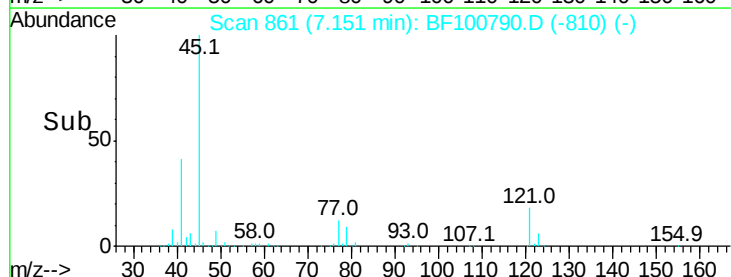
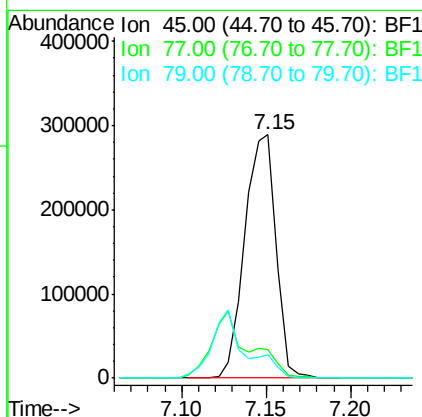
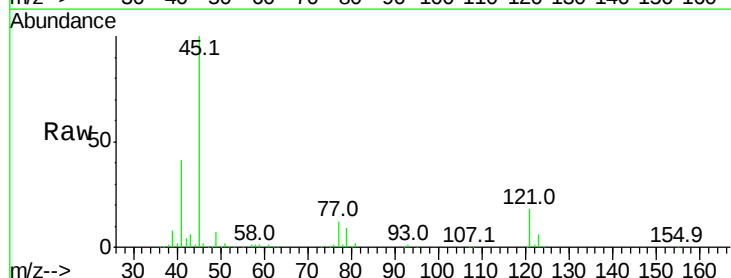
RT: 7.15 min Scan# 861

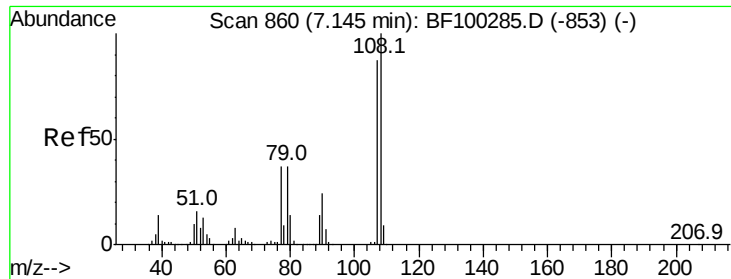
Delta R.T. -0.00 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	45	Resp:	372898
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	32.9
79	9.5	0.0	29.6





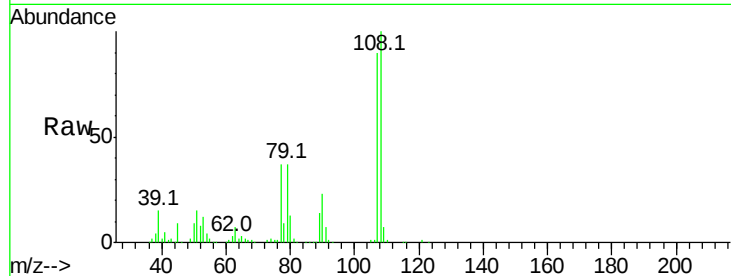
#17
2-Methylphenol
Concen: 40.005 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	91.7	137.5	
77	41.3	33.8	50.8	
79	41.6	33.8	50.8	

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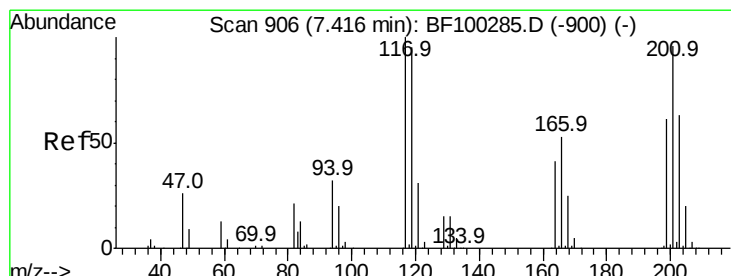
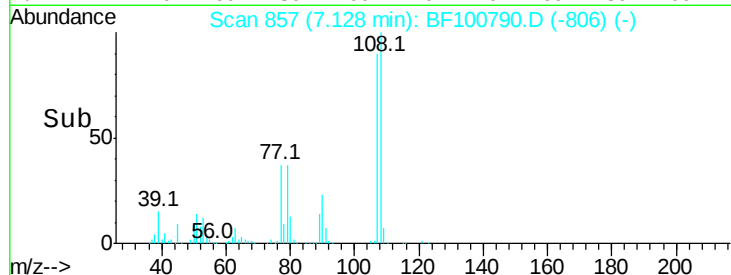
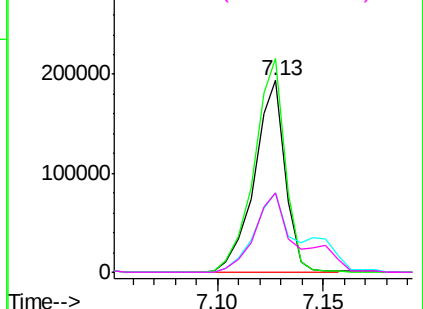
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

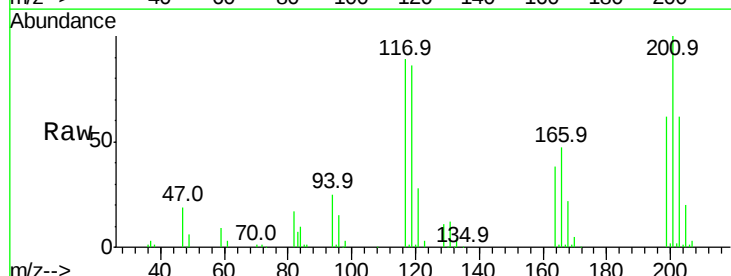
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.391 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	112.1	75.7	113.5	

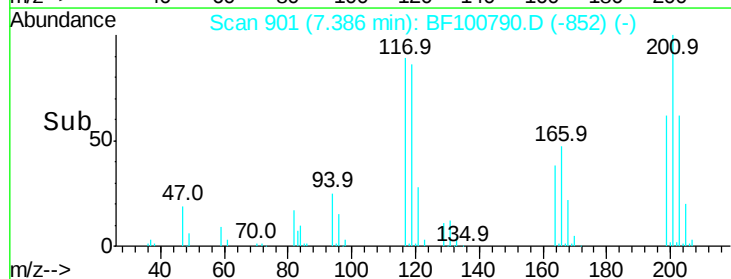
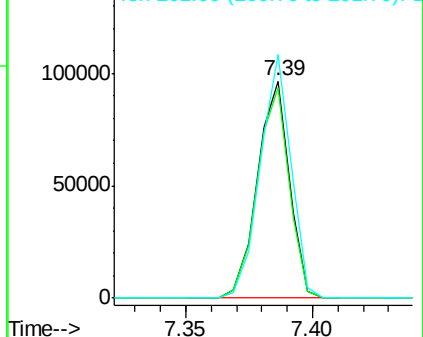


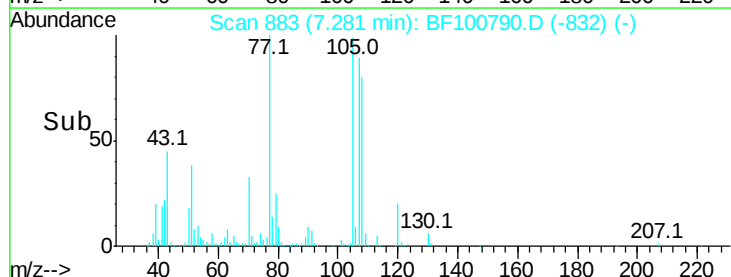
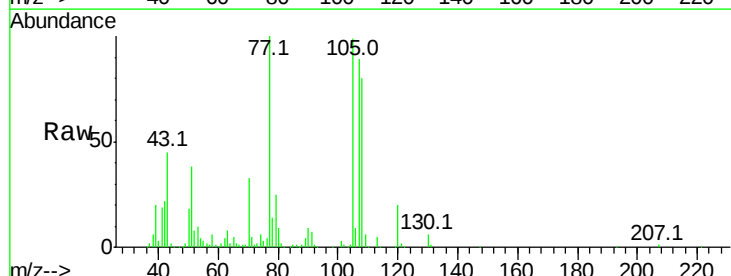
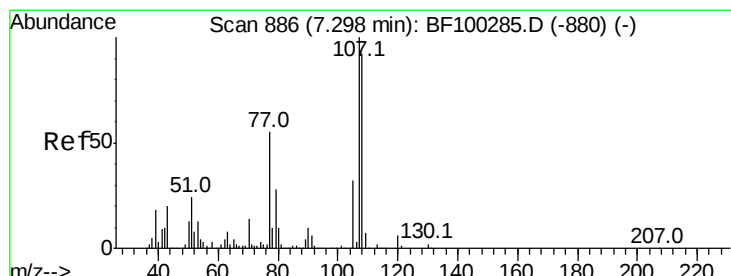
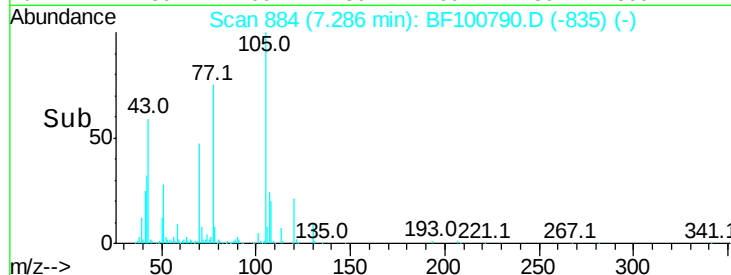
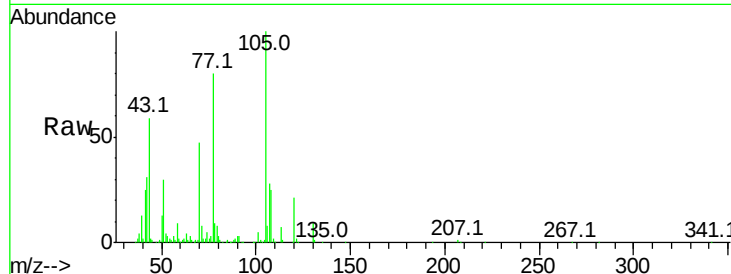
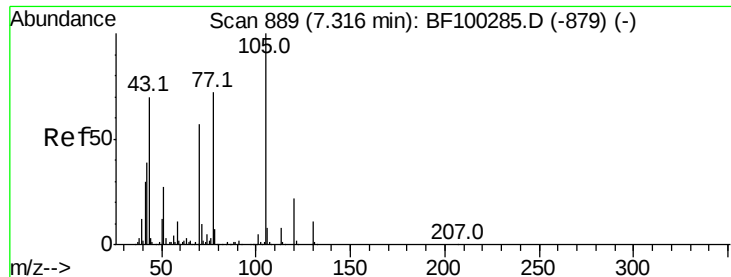
Abundance

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





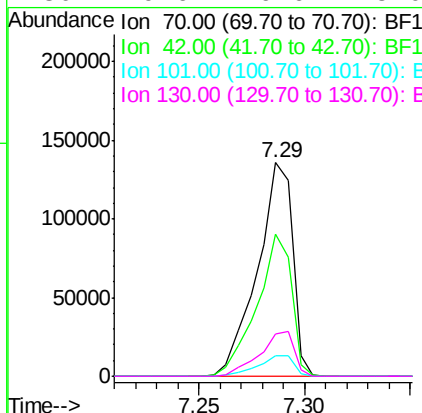
#19
n-Nitroso-di-n-propylamine
Concen: 33.850 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	70	Resp	157561
Ion Ratio	Lower	Upper	
70	100		
42	66.7	47.5	71.3
101	9.6	7.4	11.2
130	19.6	16.6	25.0

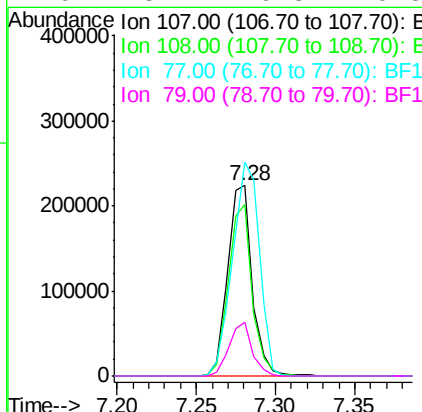
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#20
3+4-Methylphenols
Concen: 38.526 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	107	Resp	239886
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.2	108.2
77	112.0	26.7	66.7#
79	28.4	6.3	46.3





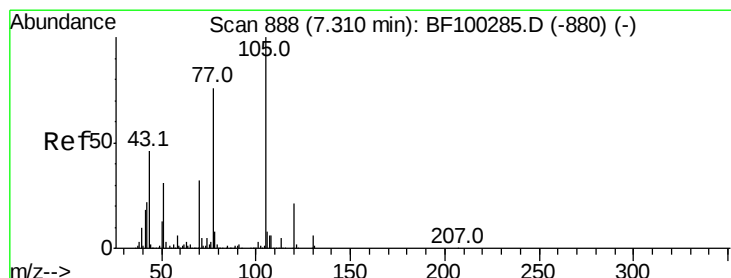
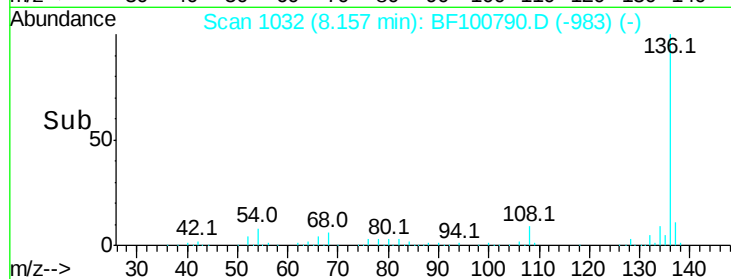
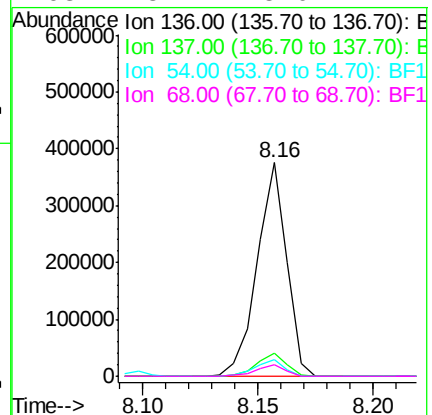
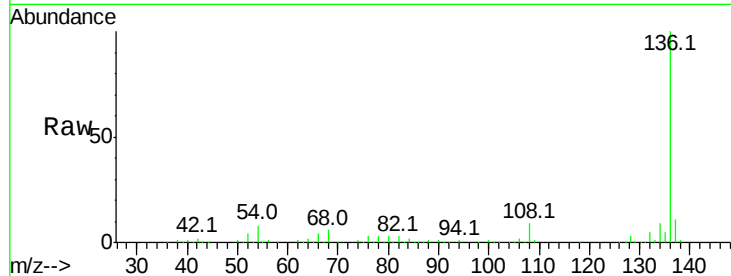
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.8	6.6	9.8	
68	5.7	5.0	7.4	

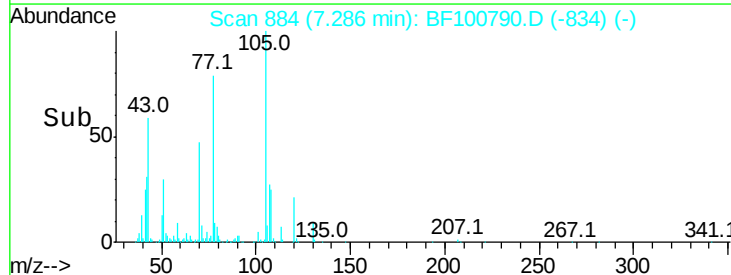
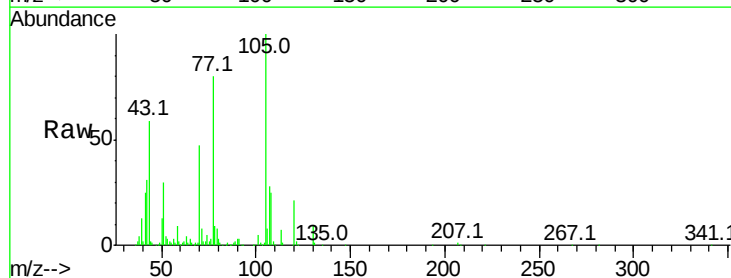
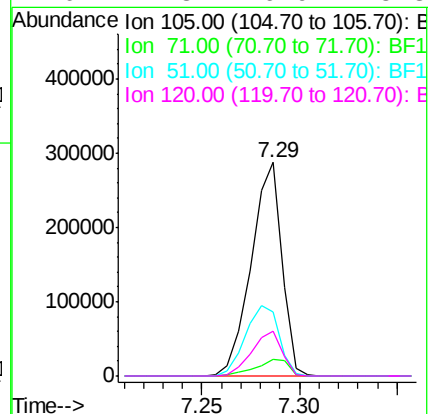
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#22
Acetophenone
Concen: 38.226 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	4.4	6.6#	
51	30.2	22.3	33.5	
120	21.3	16.9	25.3	





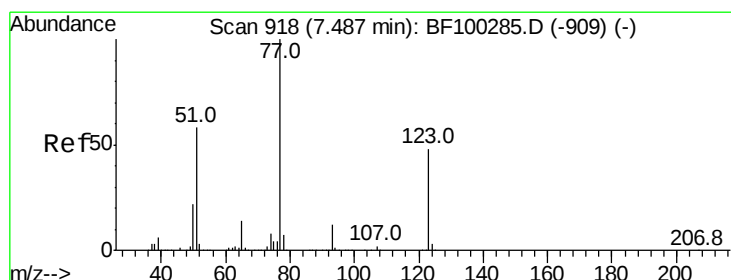
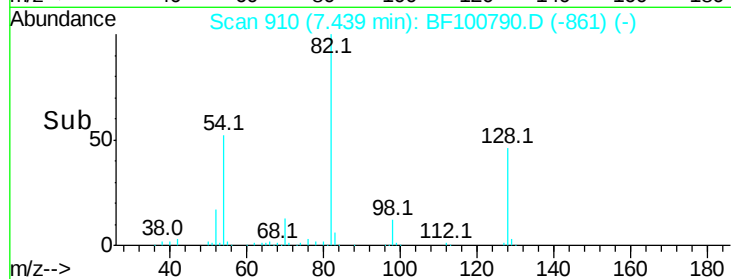
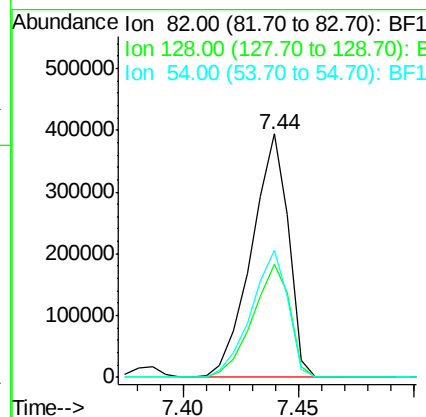
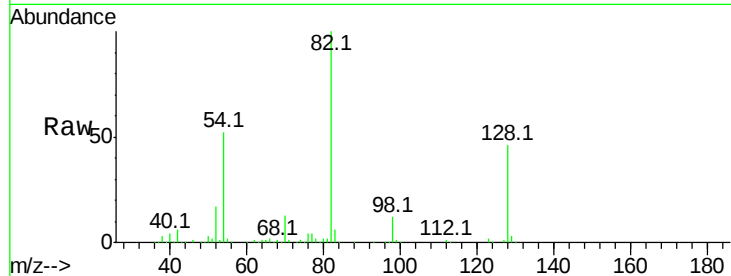
#23
 Nitrobenzene-d5
 Concen: 86.581 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	82	Resp	438907
Ion Ratio	100	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	52.3	41.4	62.2

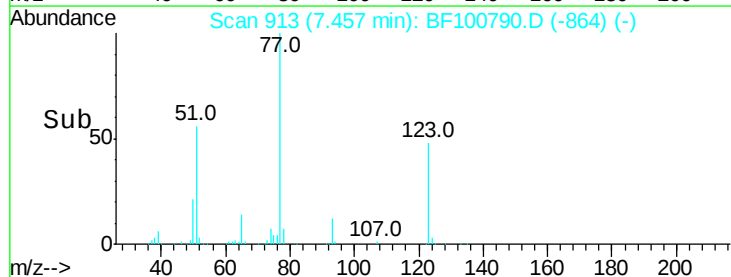
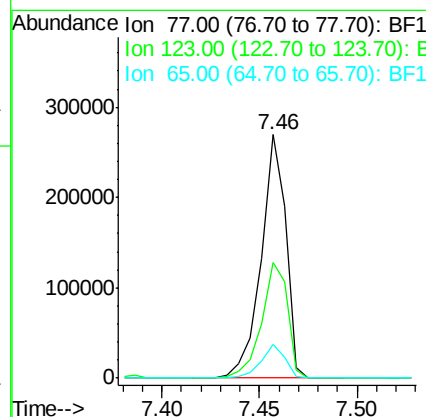
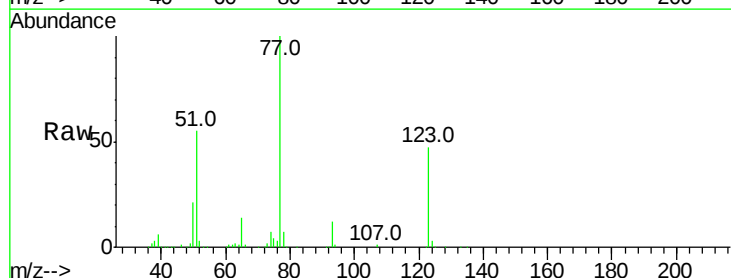
Manual Integrations
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#24
 Nitrobenzene
 Concen: 45.257 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	77	Resp	236131
Ion Ratio	100	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	13.9	11.0	16.4





#25

Isophorone

Concen: 40.014 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

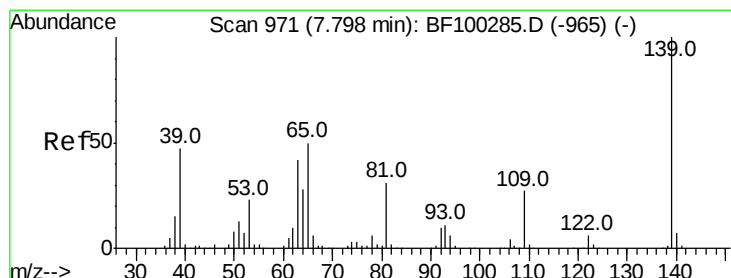
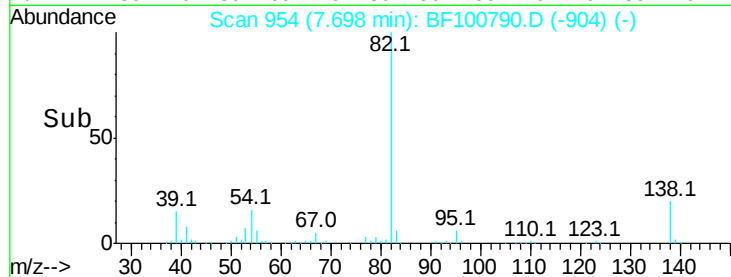
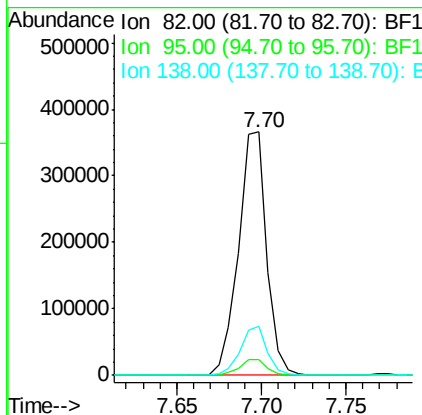
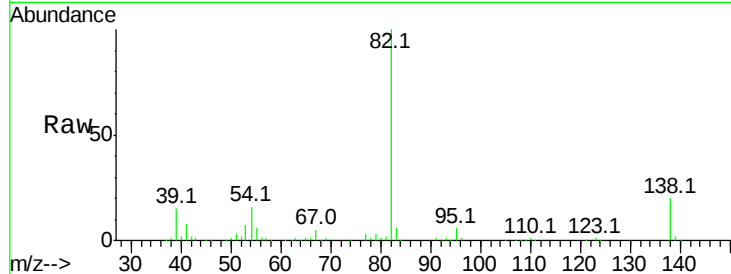
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	82	Resp:	426260
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	20.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.766 ng

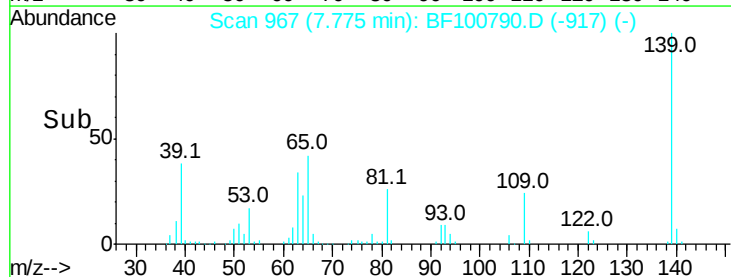
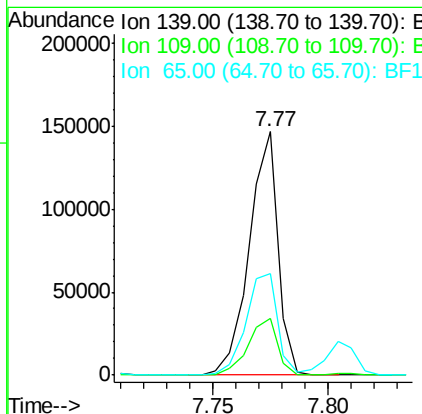
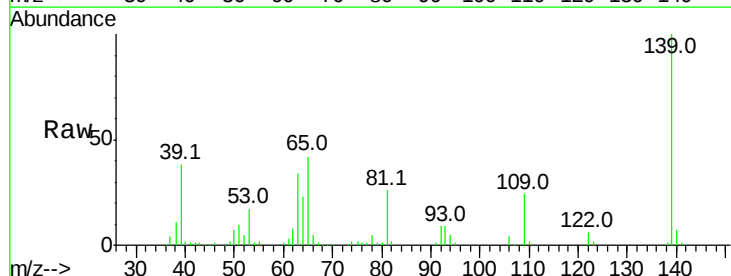
RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	139	Resp:	127799
Ion Ratio	Lower	Upper	
139	100		
109	23.5	22.7	34.1
65	41.8	40.5	60.7





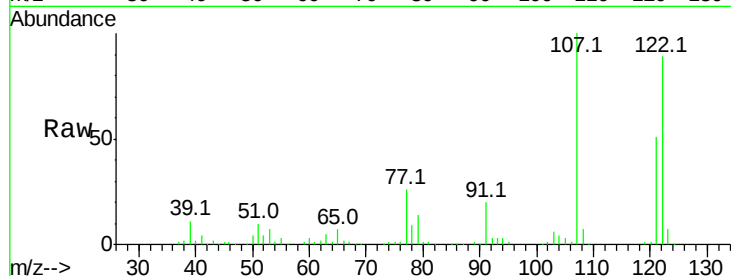
#27
2,4-Dimethylphenol
Concen: 44.507 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

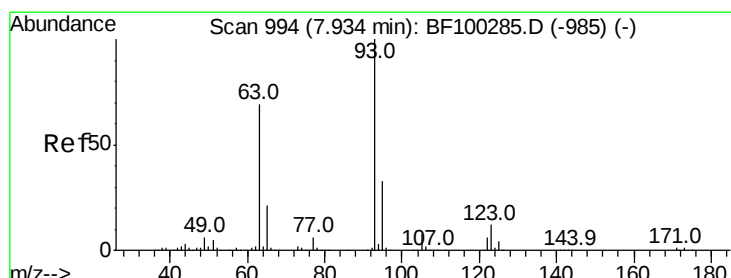
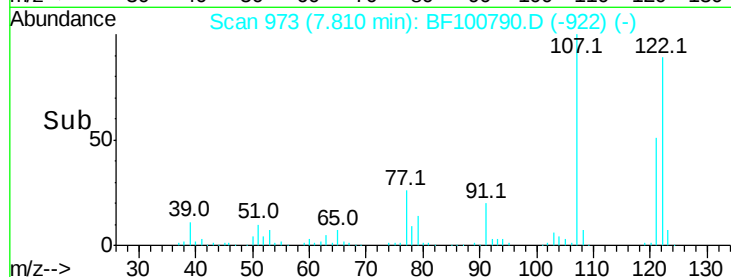
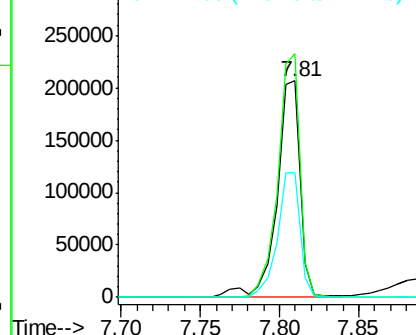
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		212540		
107	112.6	91.2	136.8		
121	57.5	47.2	70.8		

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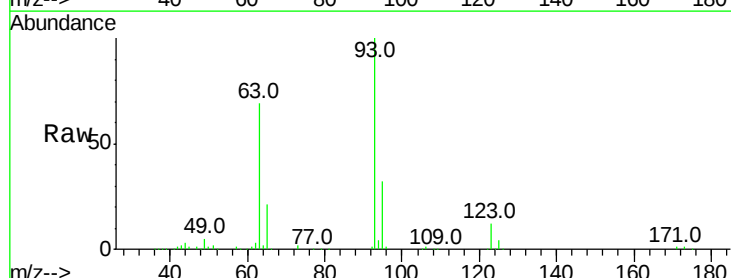


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

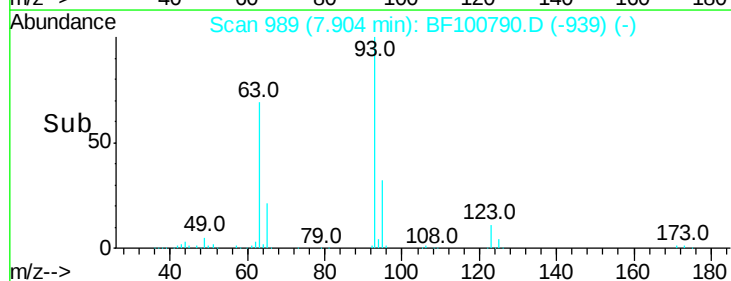
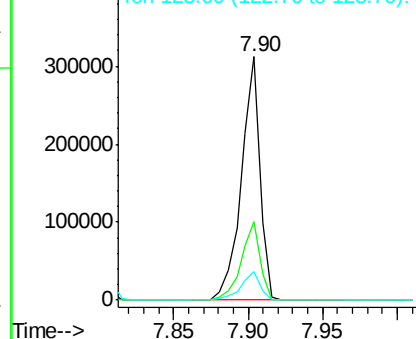


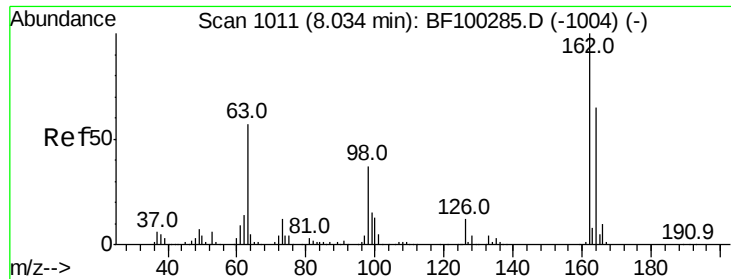
#28
bis(2-Chloroethoxy)methane
Concen: 39.106 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		272496		
95	32.3	26.3	39.5		
123	11.5	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





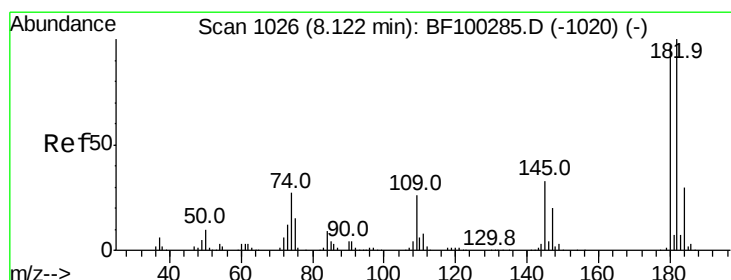
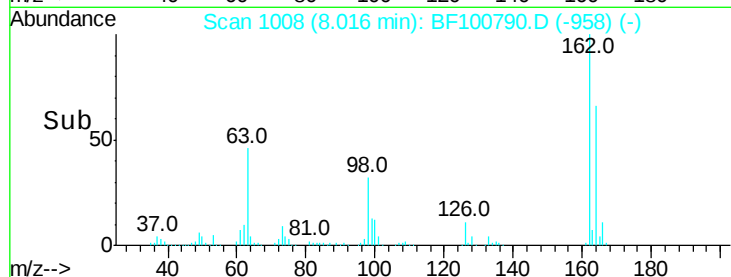
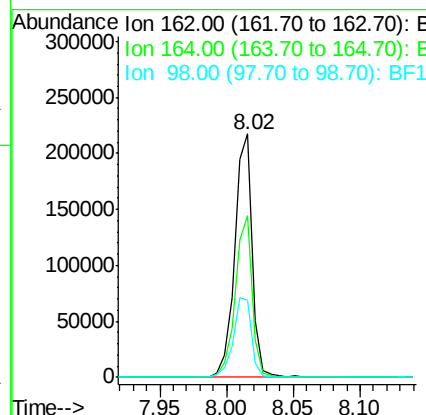
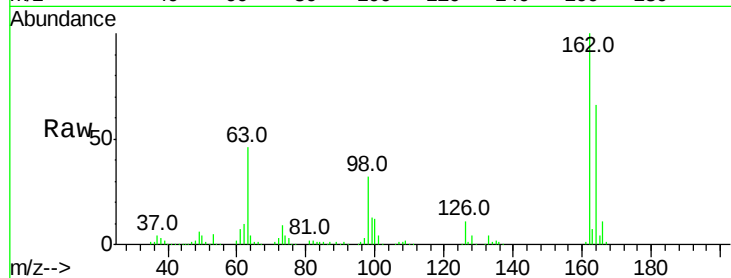
#29
2,4-Dichlorophenol
Concen: 44.365 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.3	42.7	82.7	
98	31.9	18.1	58.1	

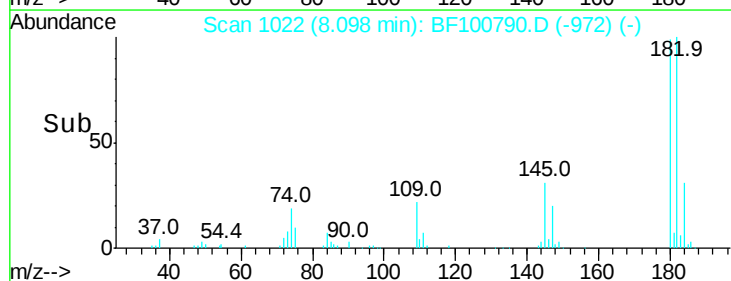
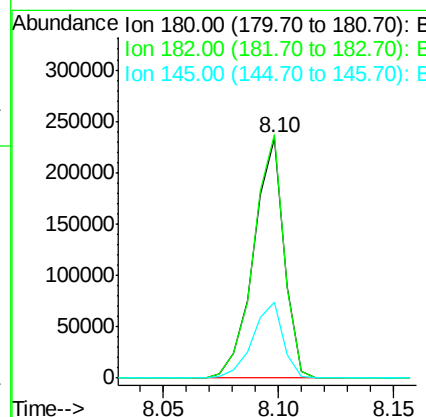
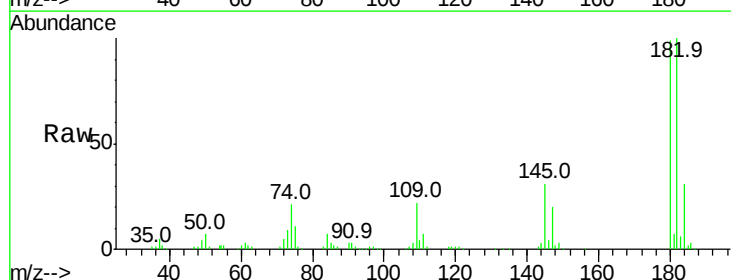
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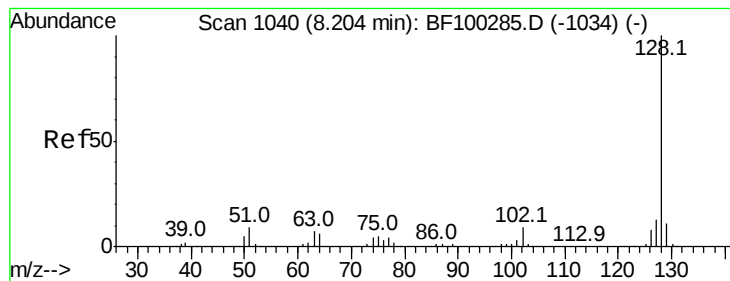
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#30
1,2,4-Trichlorobenzene
Concen: 43.739 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	101.5	76.8	115.2	
145	31.5	26.5	39.7	





#31

Naphthalene

Concen: 41.605 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

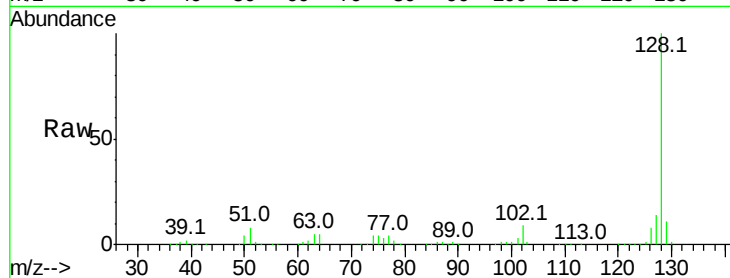
ClientSampleId :

PG1-2-E(4-5)MSD

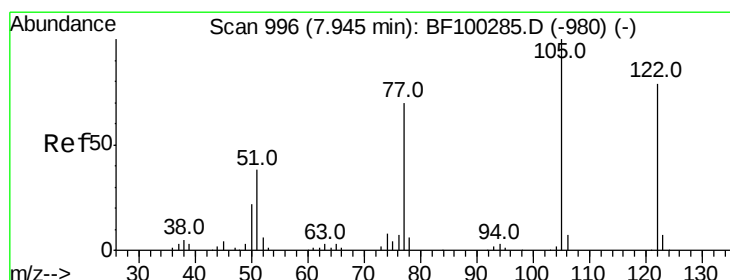
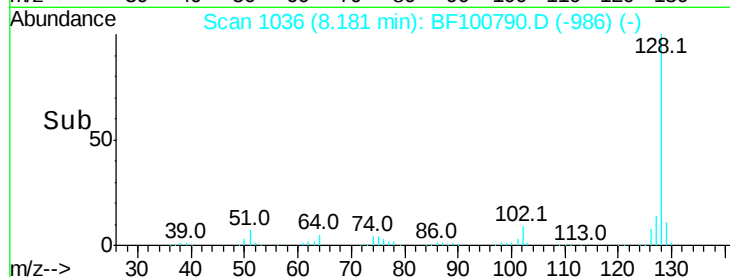
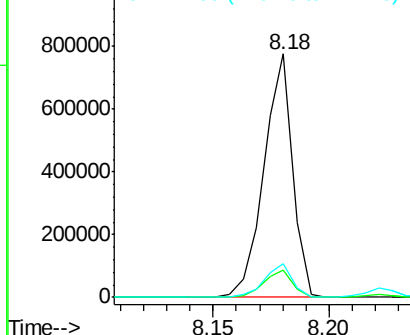
Tot Ion:	128	Resp:	671617
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.6	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.918 ng

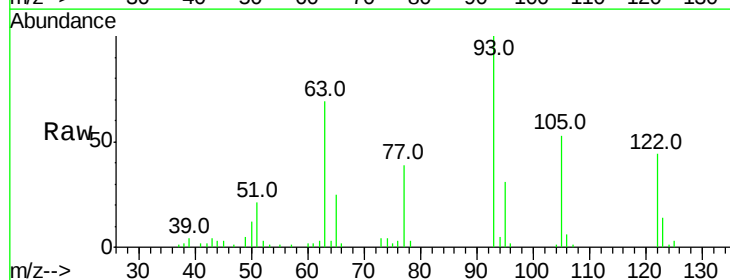
RT: 7.89 min Scan# 986

Delta R.T. -0.05 min

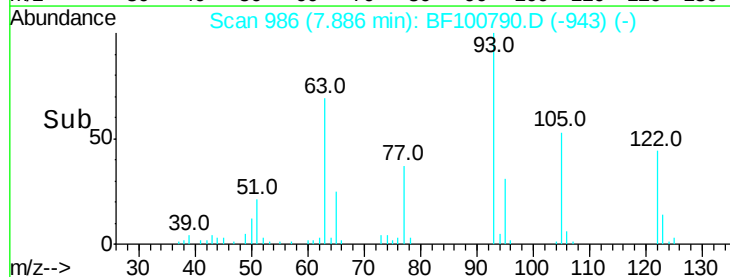
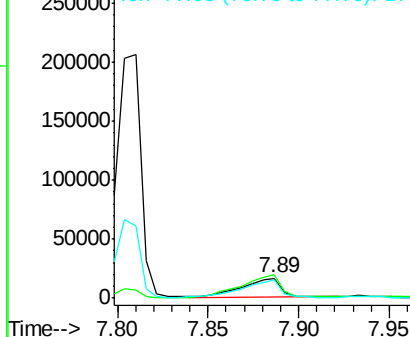
Lab File: BF100790.D

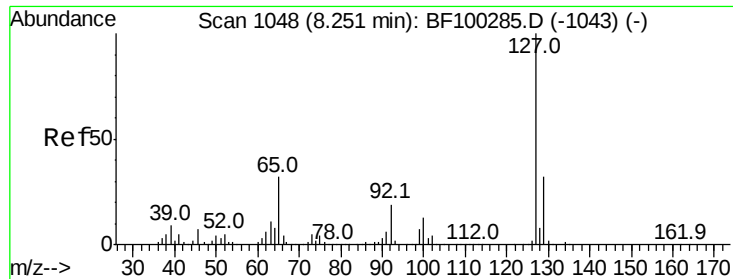
Acq: 21 Nov 2017 19:40

Tgt Ion:	122	Resp:	25205
Ion Ratio	Lower	Upper	
122	100		
105	118.9	101.1	141.1
77	88.2	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





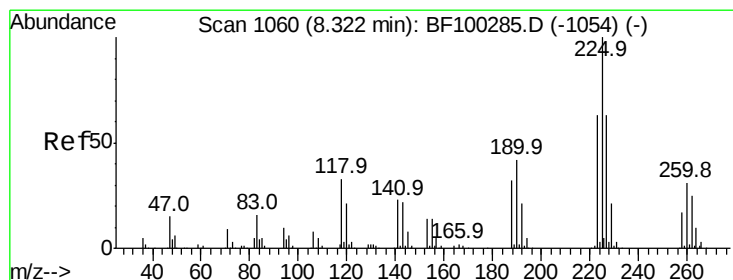
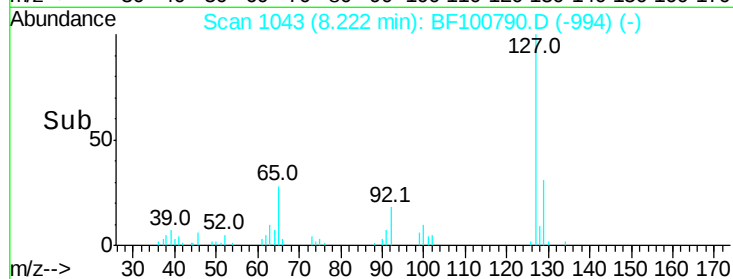
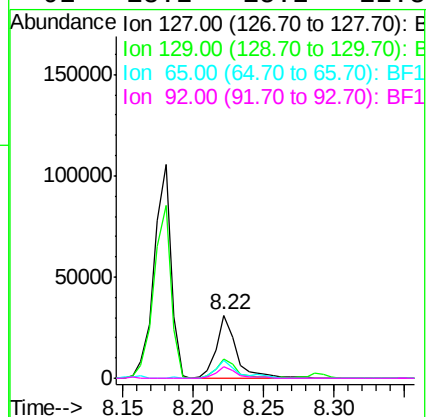
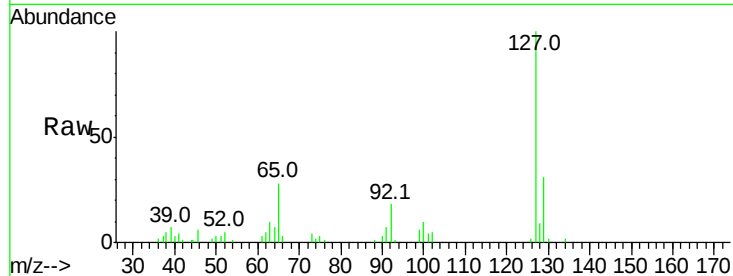
#33
4-Chloroaniline
Concen: 4.576 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	27.8	25.0	37.4
92	18.2	15.2	22.8

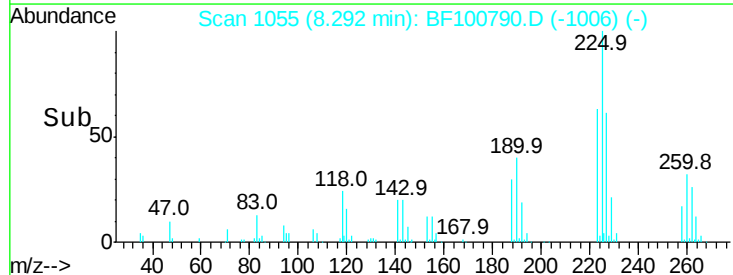
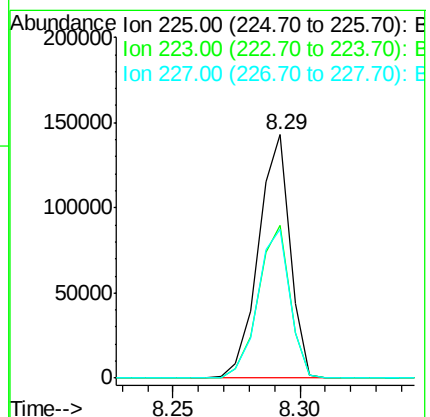
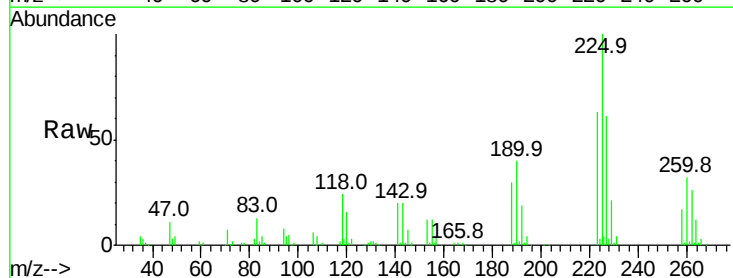
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#34
Hexachlorobutadiene
Concen: 42.486 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	61.3	51.9	77.9





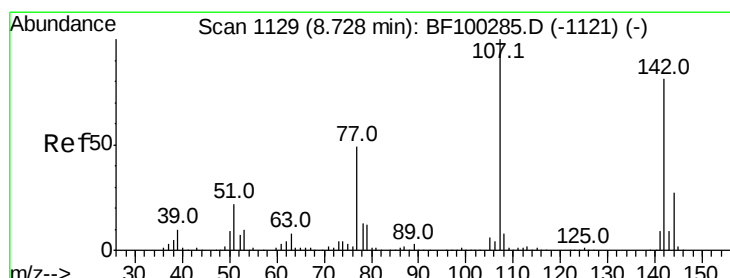
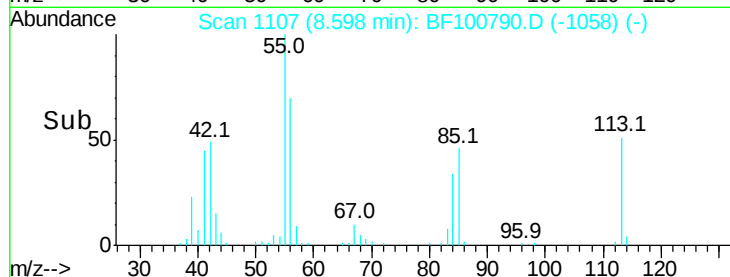
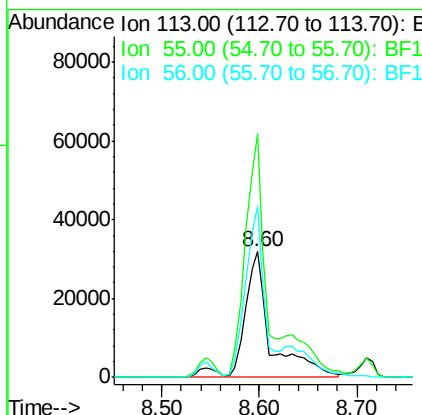
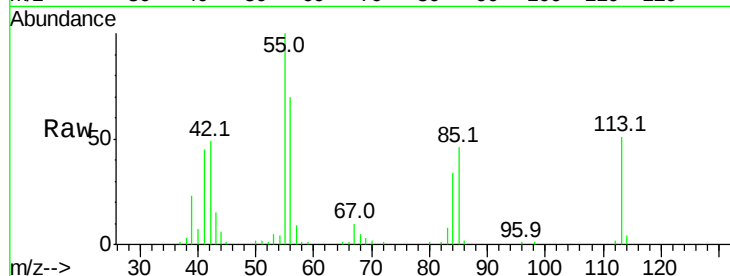
#35
Caprolactam
Concen: 38.732 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	194.2	163.3	203.3		
56	136.2	115.7	155.7		

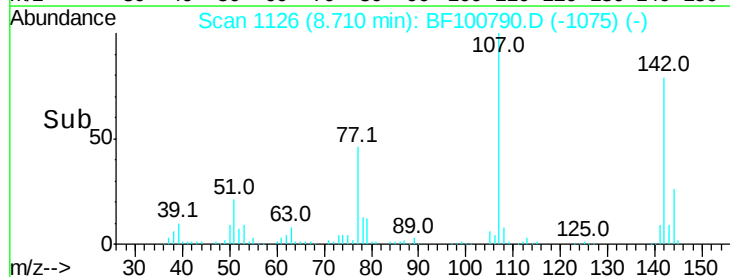
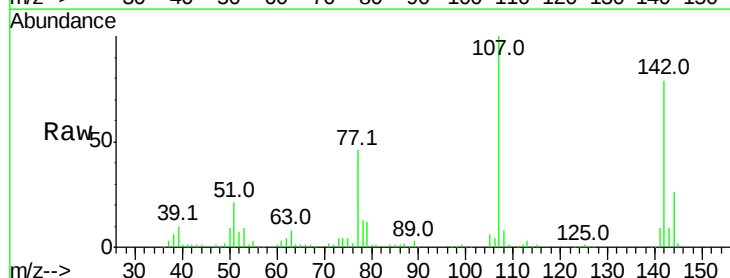
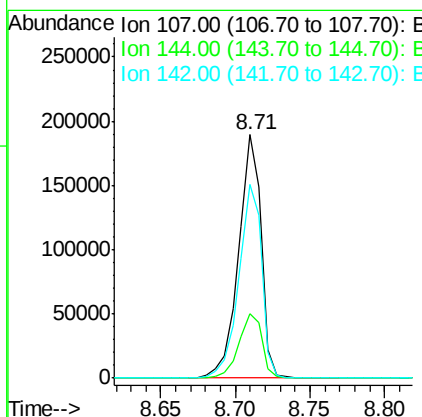
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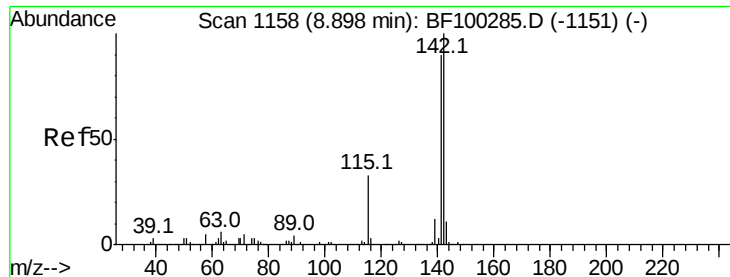
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#36
4-Chloro-3-methylphenol
Concen: 40.603 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2	20.5	30.7		
142	79.5	62.0	93.0		





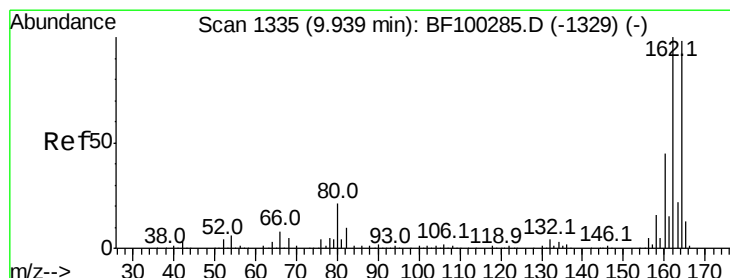
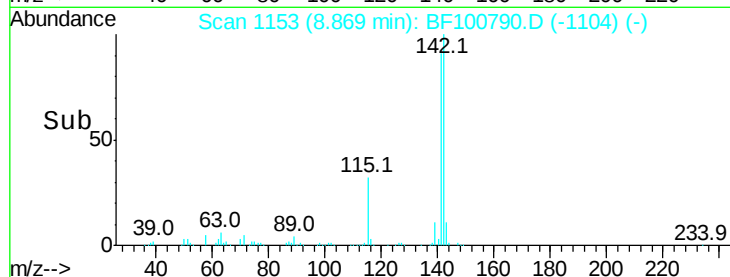
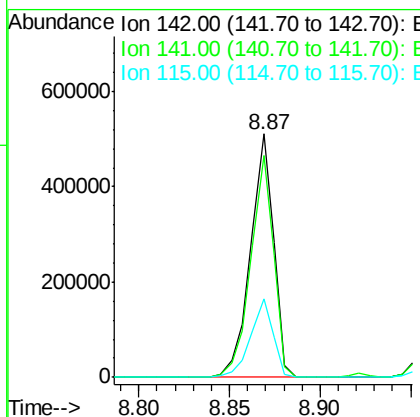
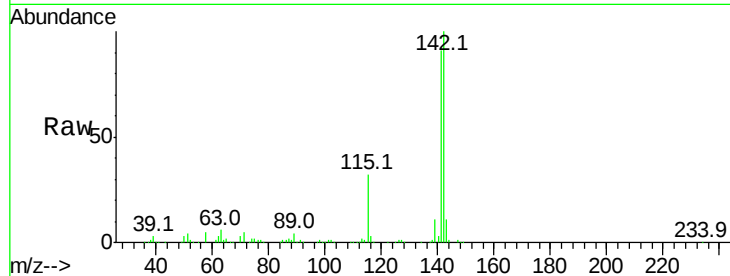
#37
2-Methylnaphthalene
Concen: 42.285 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	32.3	26.1	39.1

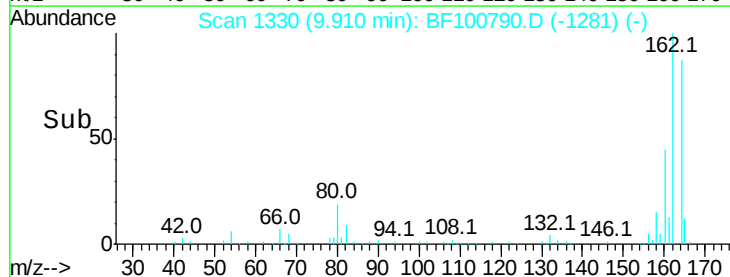
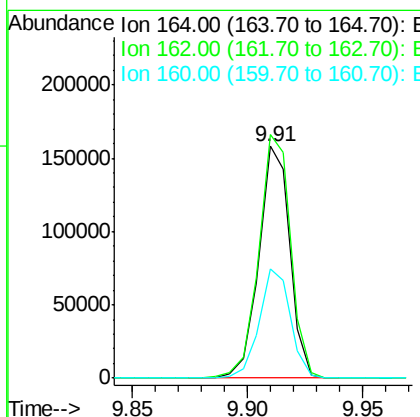
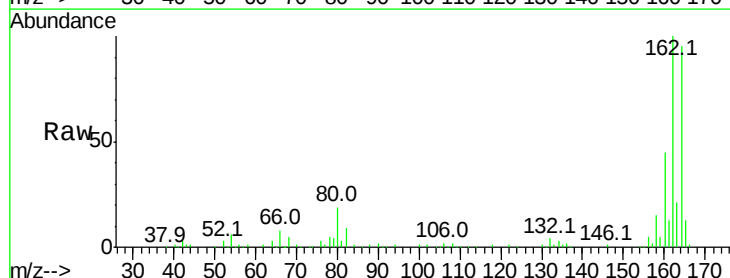
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.654 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

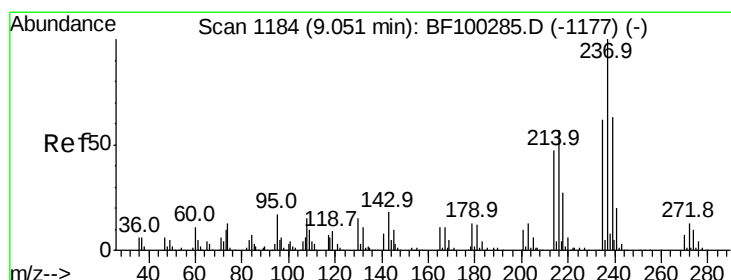
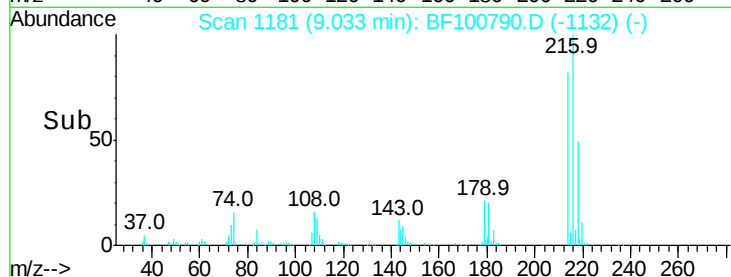
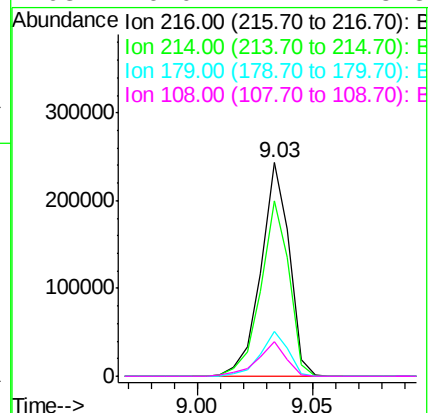
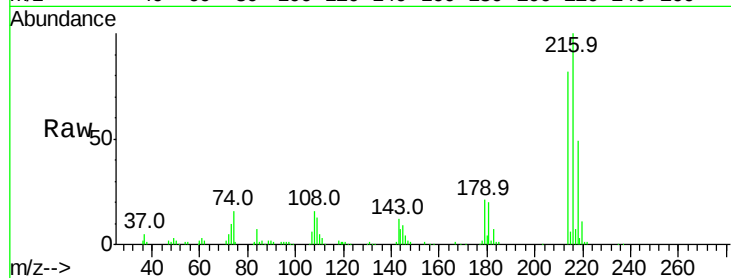
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	81.6	63.0	94.4
179	20.4	18.1	27.1
108	16.0	17.2	25.8#

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#40

Hexachlorocyclopentadiene

Concen: 30.159 ng

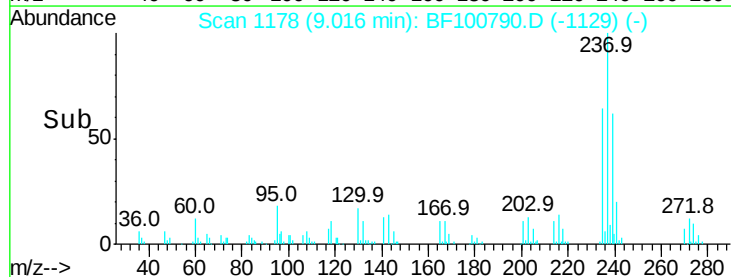
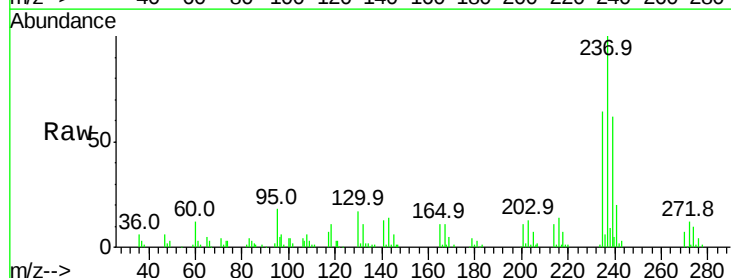
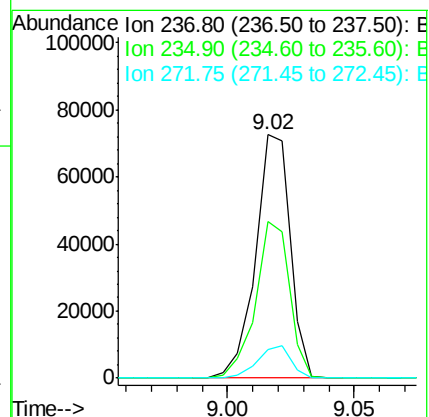
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	44.8	84.8
272	11.8	0.0	33.3





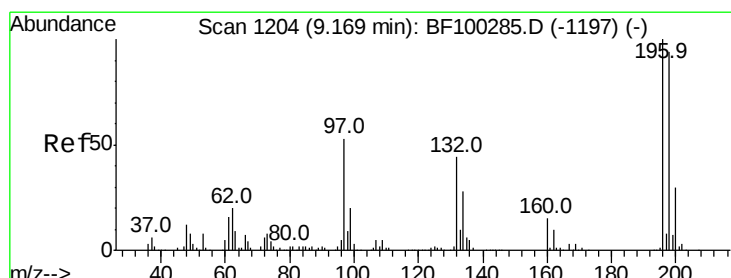
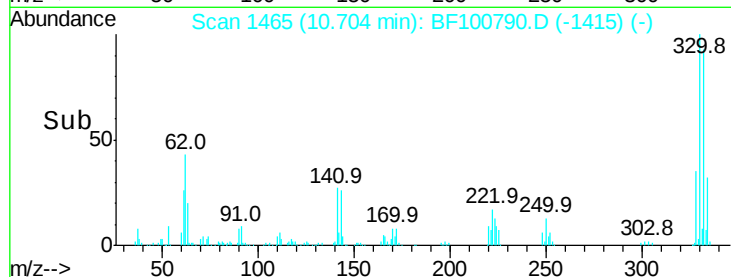
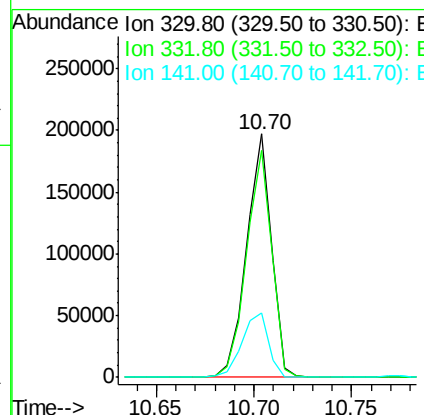
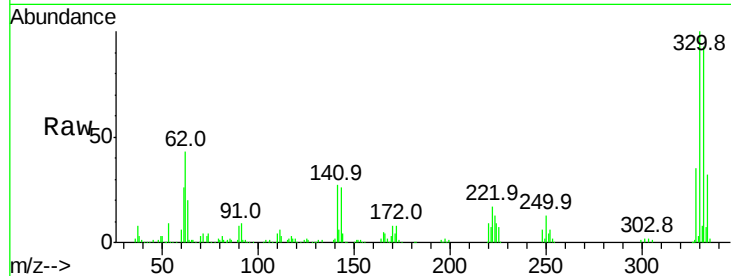
#41
 2,4,6-Tribromophenol
 Concen: 115.245 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	28.4	29.9	44.9	

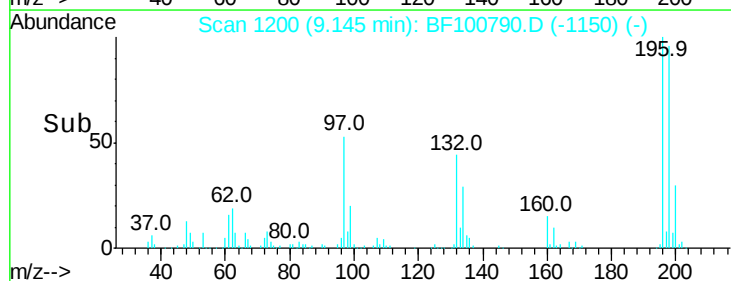
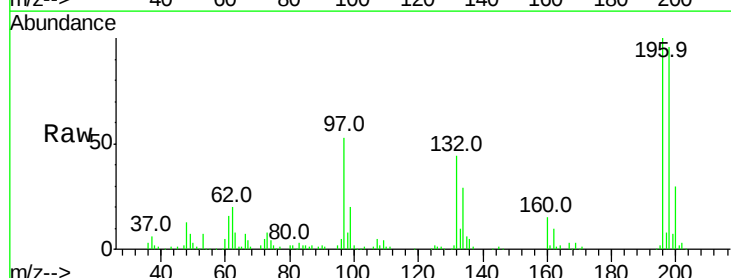
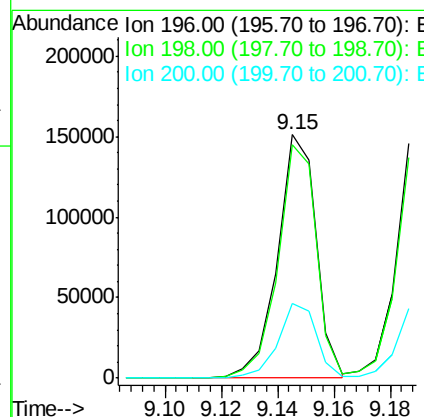
Manual Integrations
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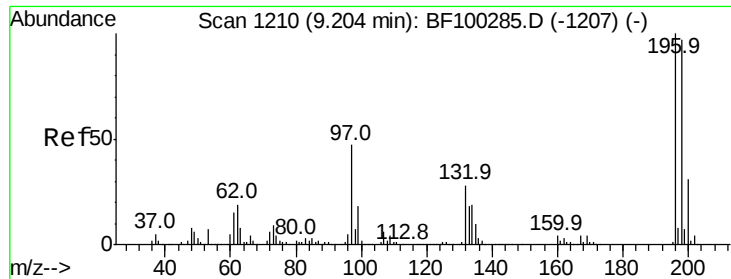
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#42
 2,4,6-Trichlorophenol
 Concen: 45.990 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.1	75.7	113.5	
200	30.5	24.5	36.7	





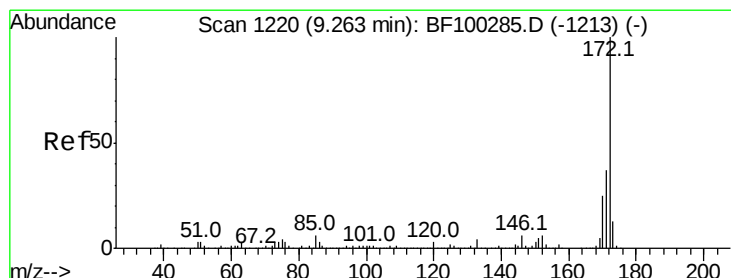
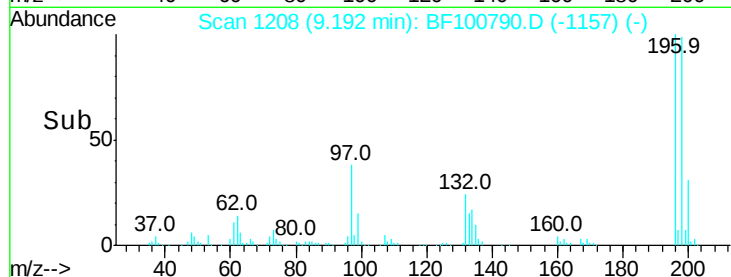
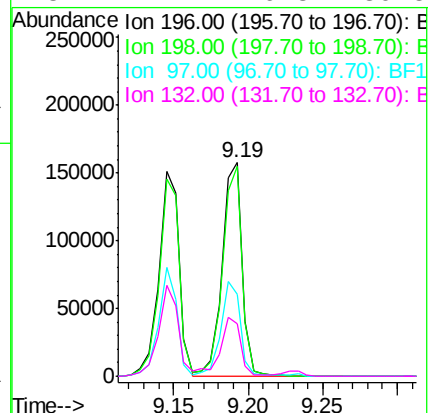
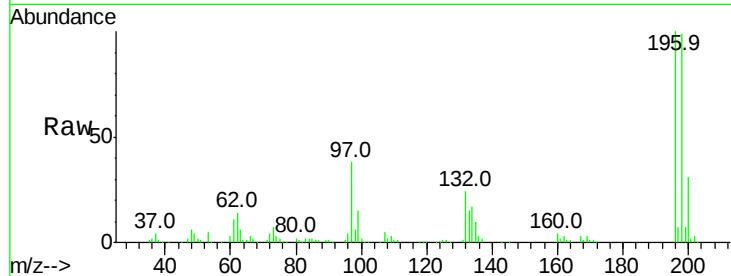
#43
 2,4,5-Trichlorophenol
 Concen: 45.970 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148273		
198	98.5	74.6	112.0	
97	38.2	42.9	64.3	#
132	24.4	26.3	39.5	#

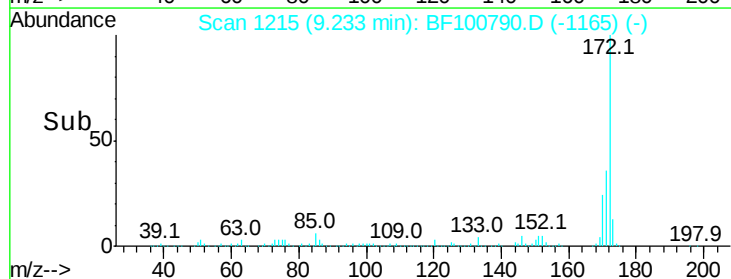
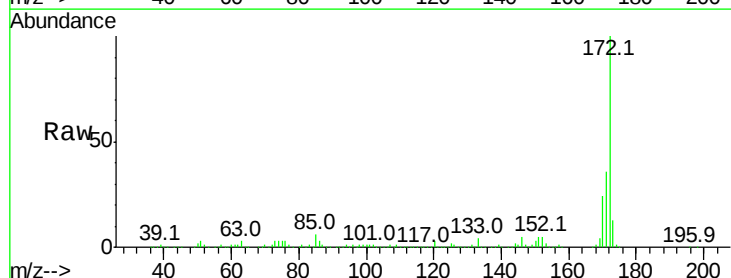
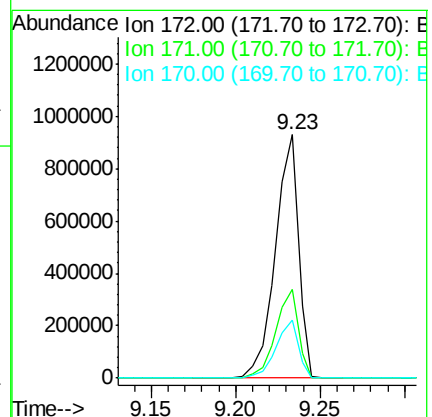
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 90.464 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	879899		
171	36.4	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.404 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

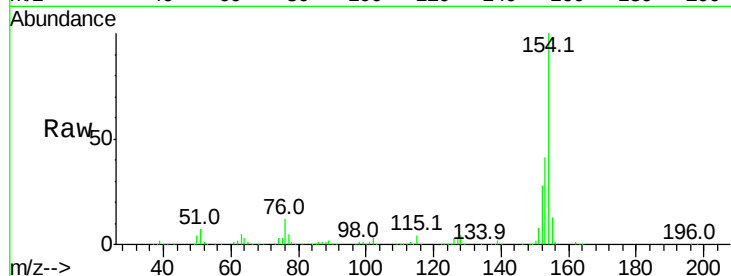
ClientSampleId :

PG1-2-E(4-5)MSD

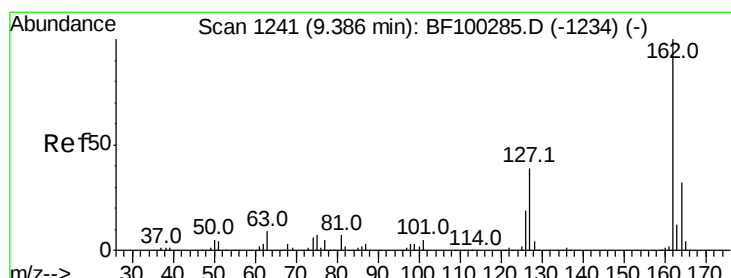
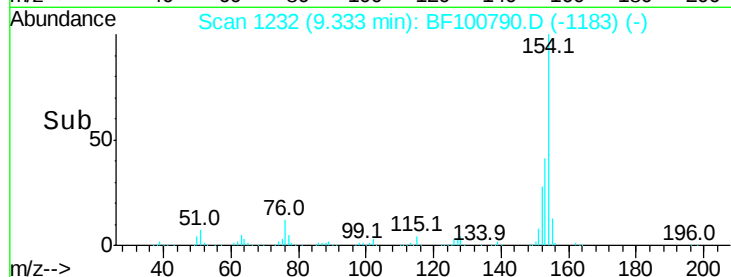
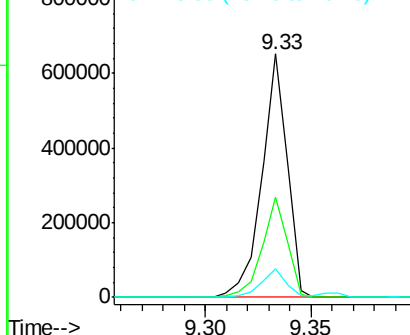
Tot Ion:	154	Resp:	543190
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	11.9	0.0	34.0

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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: 45.148 ng

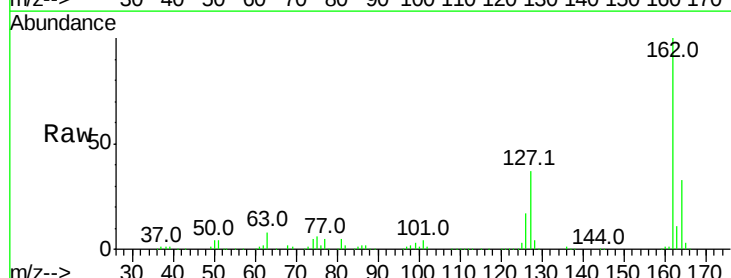
RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

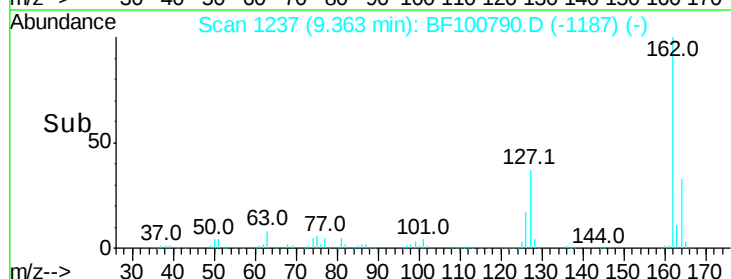
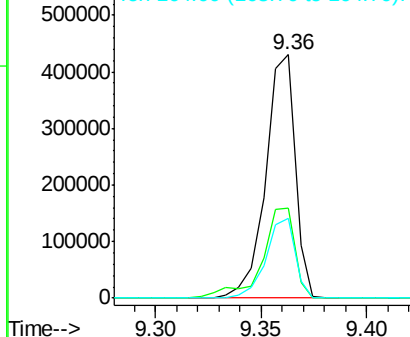
Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	162	Resp:	419559
Ion Ratio	Lower	Upper	
162	100		
127	37.1	33.9	50.9
164	32.5	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





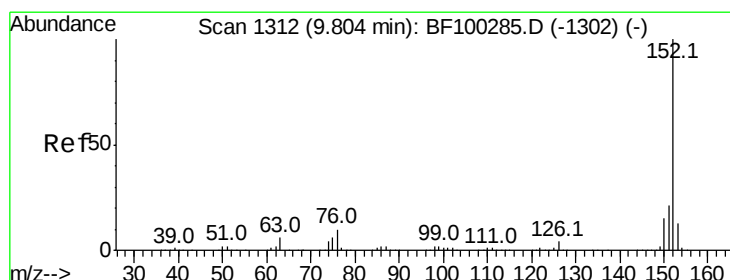
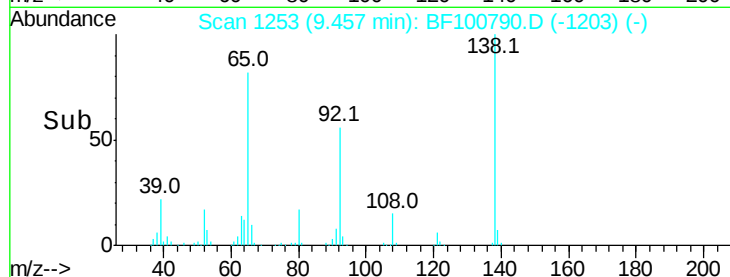
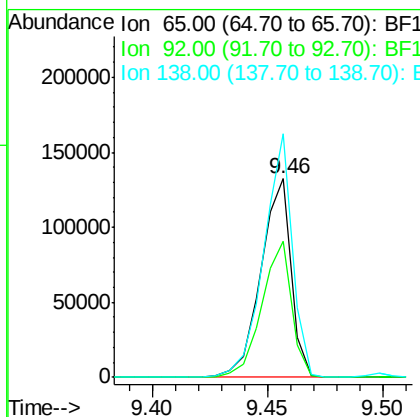
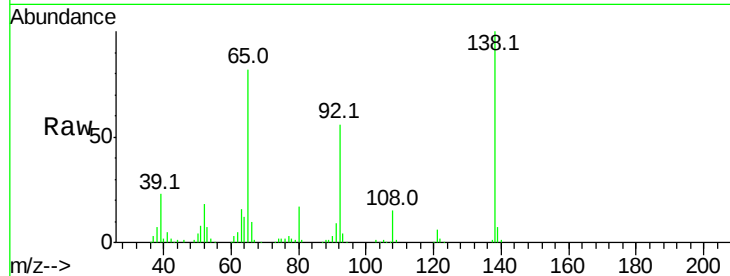
#47
2-Nitroaniline
Concen: 44.255 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.8	83.6
138	122.6	91.2	136.8

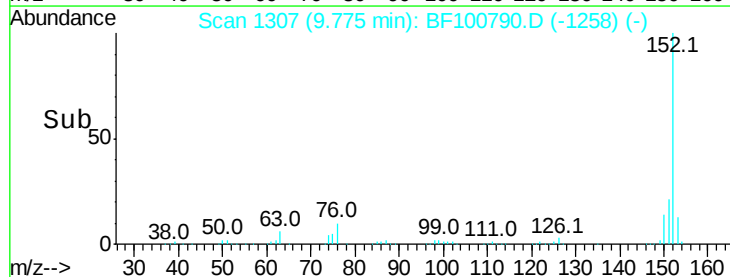
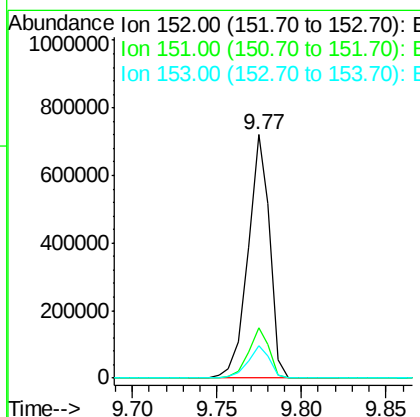
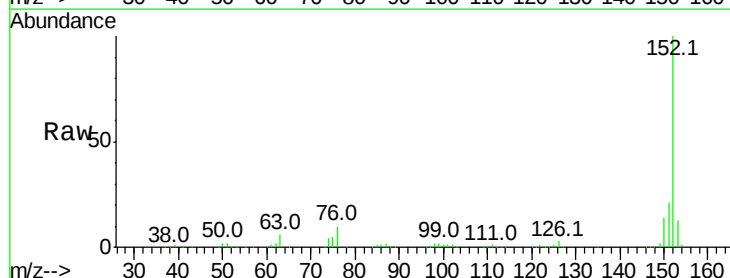
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#48
Acenaphthylene
Concen: 41.821 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.1	10.7	16.1





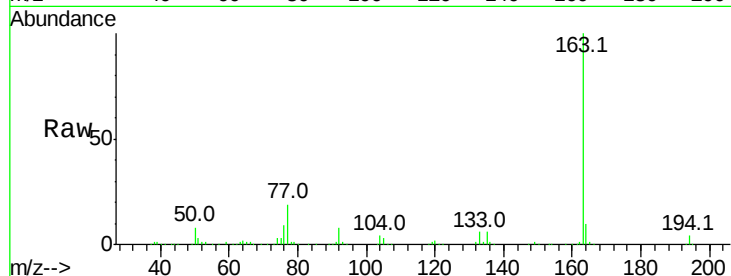
#49
 Dimethylphthalate
 Concen: 47.565 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

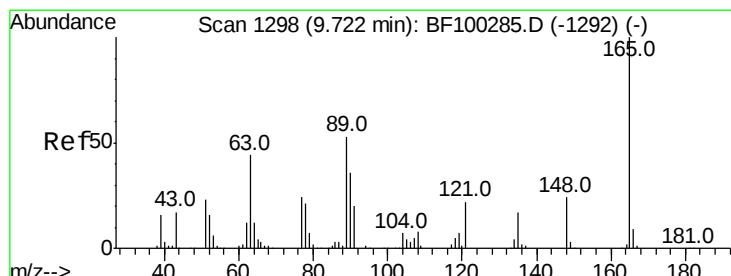
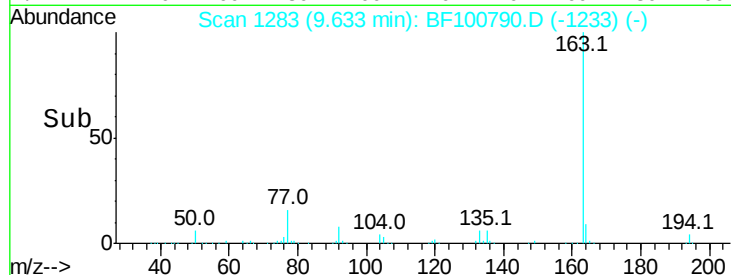
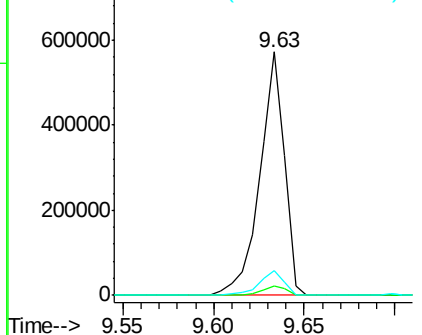
Tot Ion	Ratio	Resp	Lower	Upper
163	100	537868		
194	3.8		2.7	4.1
164	10.4		8.2	12.2

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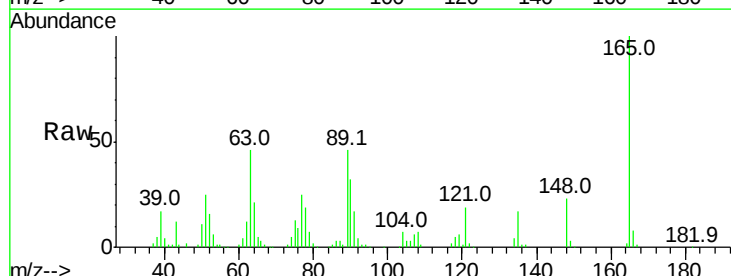


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

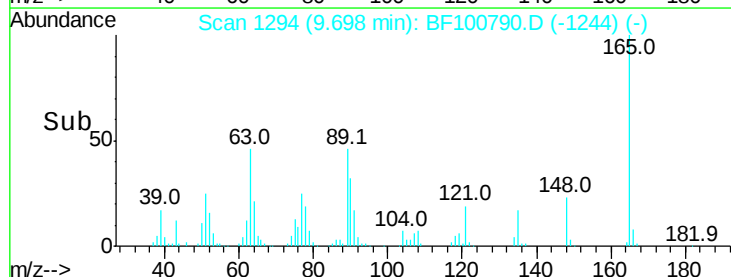
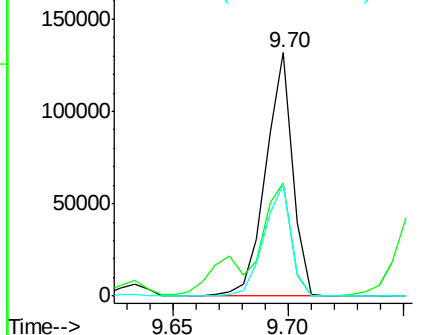


#50
 2,6-Dinitrotoluene
 Concen: 47.516 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106359		
63	46.3		44.7	67.1
89	45.9		44.0	66.0



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





#51

Acenaphthene

Concen: 40.204 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

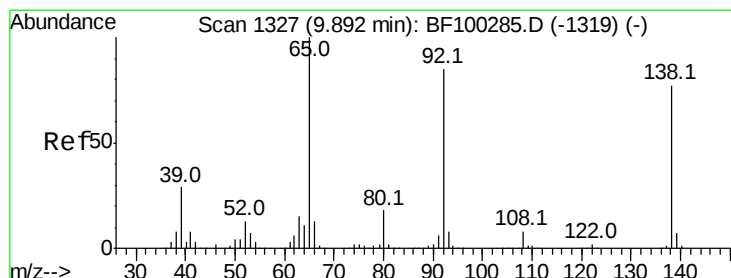
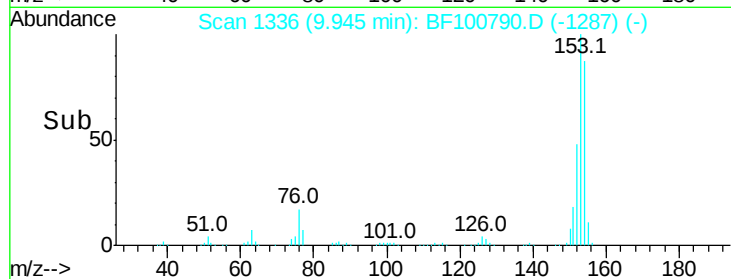
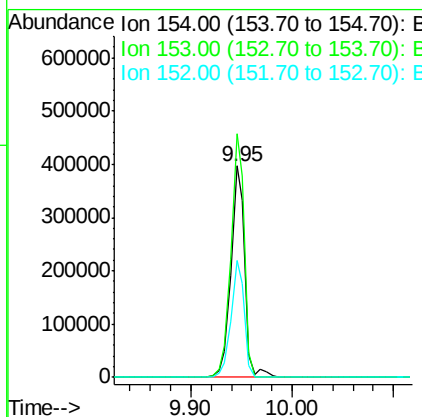
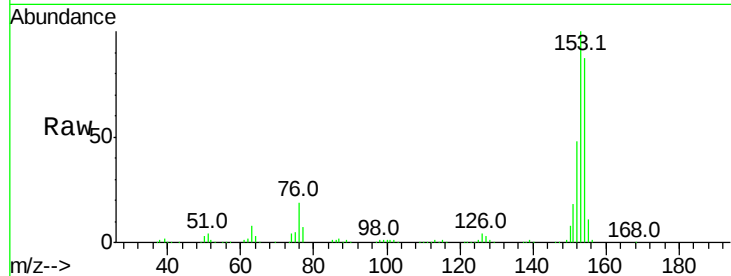
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	154	Resp:	376567
Ion Ratio	Lower	Upper	
154	100		
153	115.2	91.2	136.8
152	55.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 14.327 ng

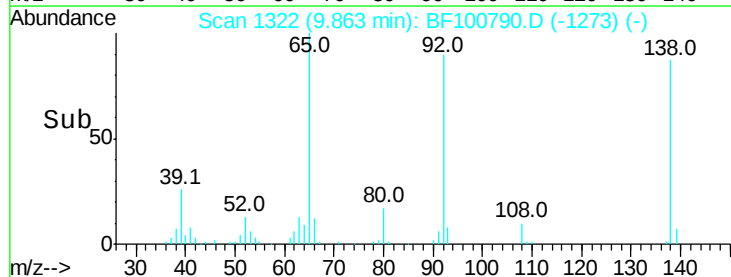
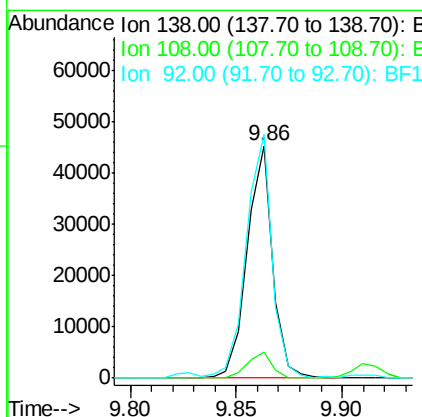
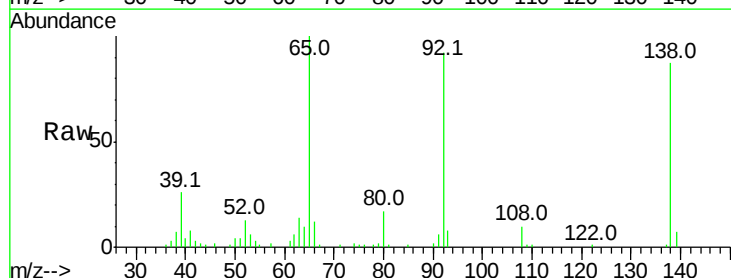
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	138	Resp:	37869
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	104.9	89.4	134.2





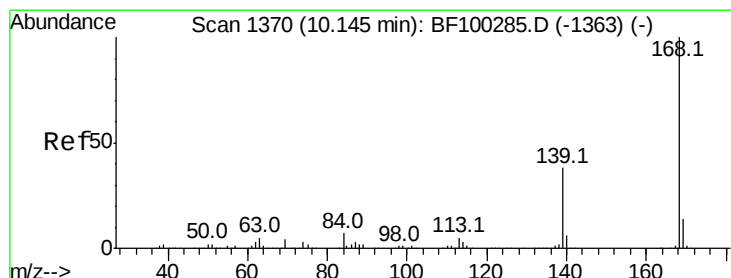
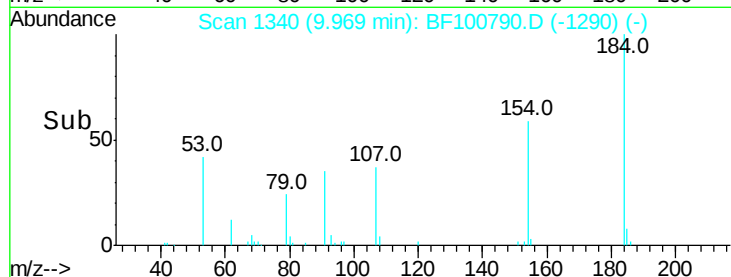
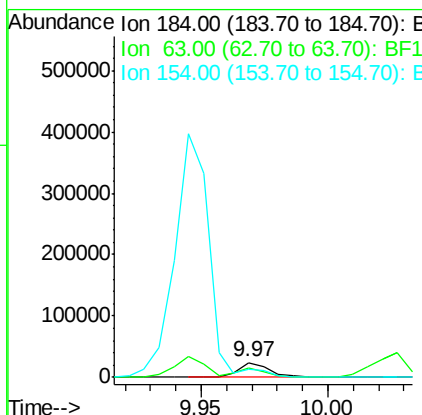
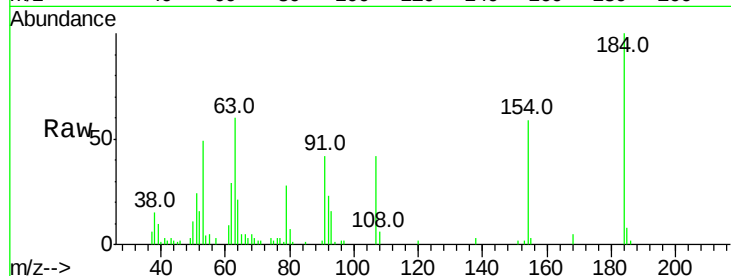
#53
2,4-Dinitrophenol
Concen: 32.792 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.6	54.2	81.2
154	59.2	184.0	276.0#

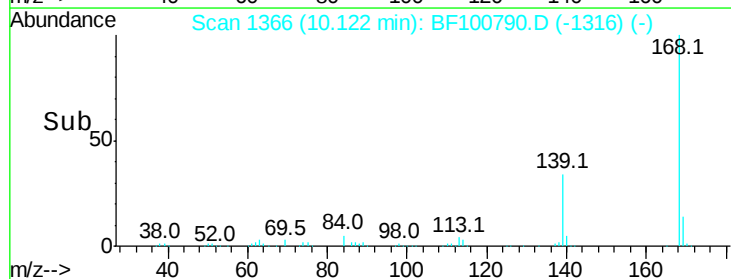
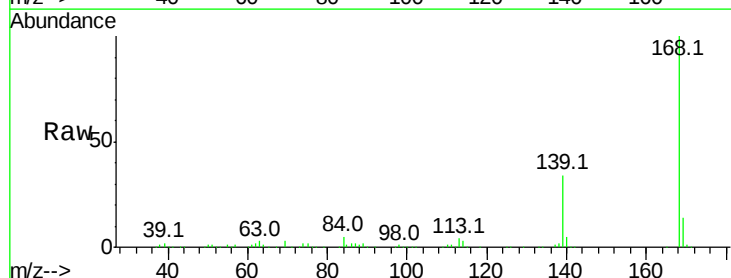
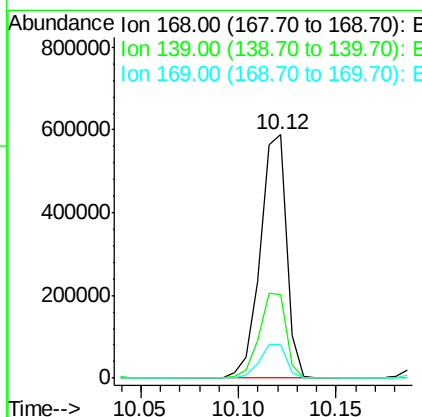
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#54
Dibenzofuran
Concen: 41.975 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	30.1	45.1
169	13.9	10.9	16.3





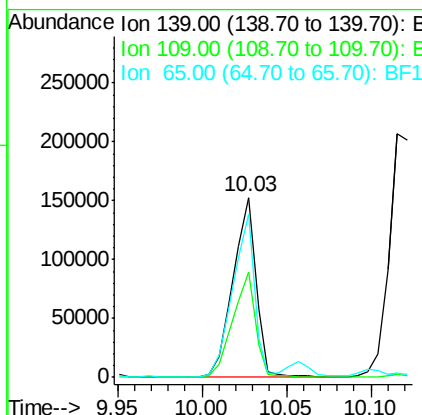
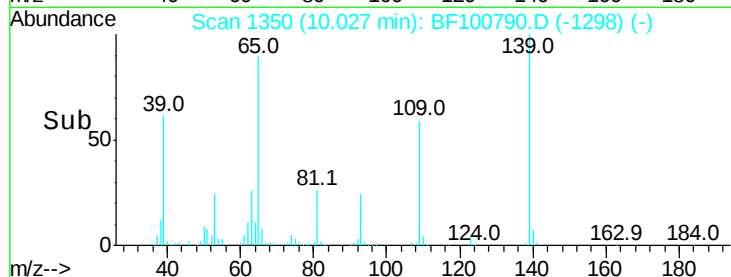
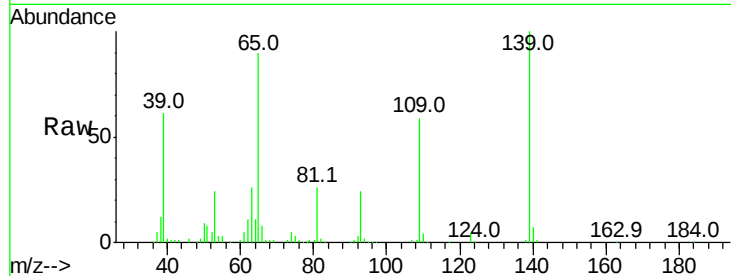
#55
4-Nitrophenol
Concen: 67.857 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.0	48.4	88.4	
65	90.5	72.6	112.6	

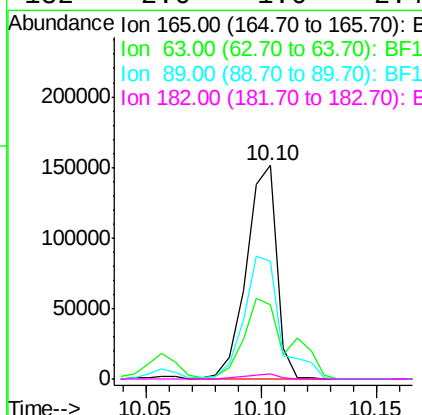
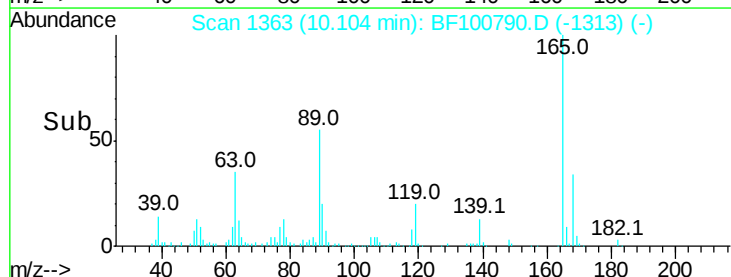
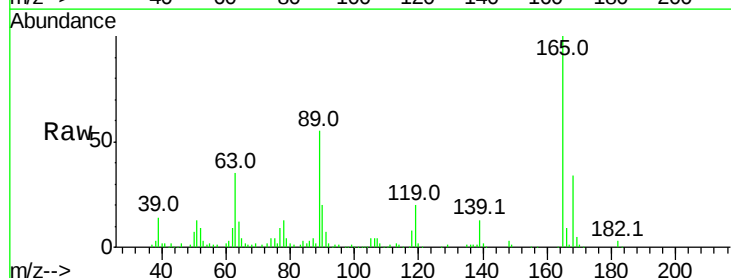
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#56
2,4-Dinitrotoluene
Concen: 49.128 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.7	36.4	54.6#	
89	55.0	57.8	86.6#	
182	2.6	1.6	2.4#	





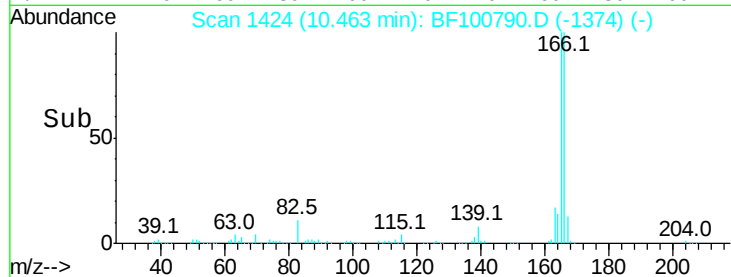
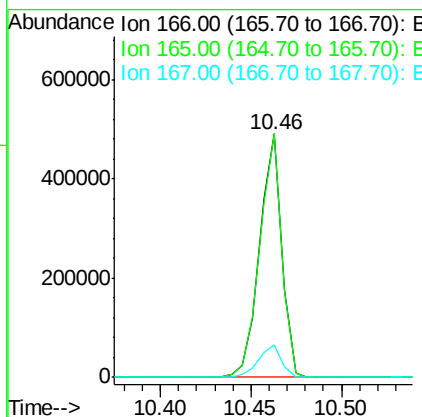
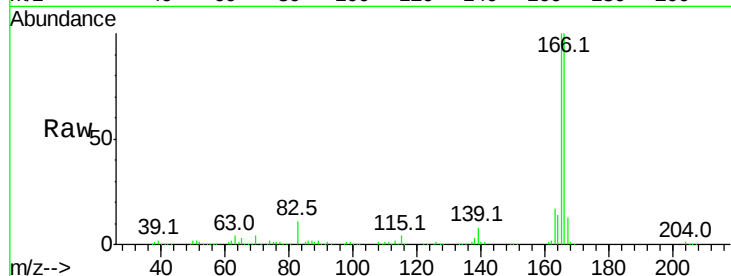
#57
 Fluorene
 Concen: 43.583 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	79.8	119.8	
167	13.3	10.6	16.0	

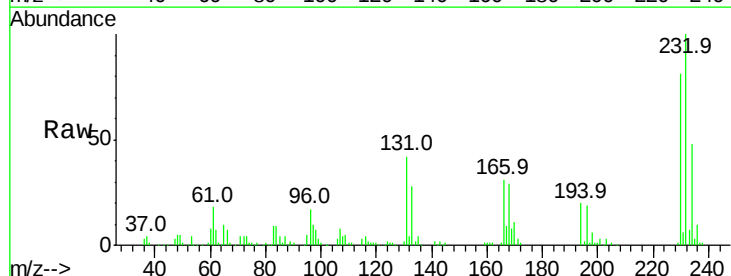
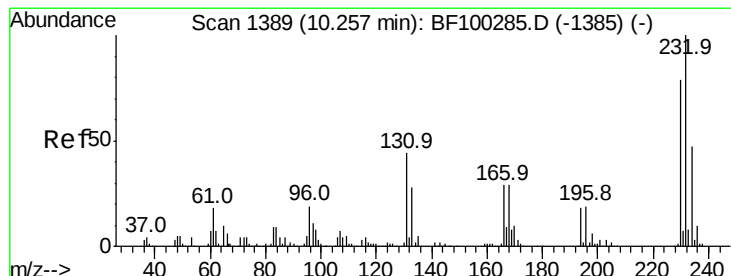
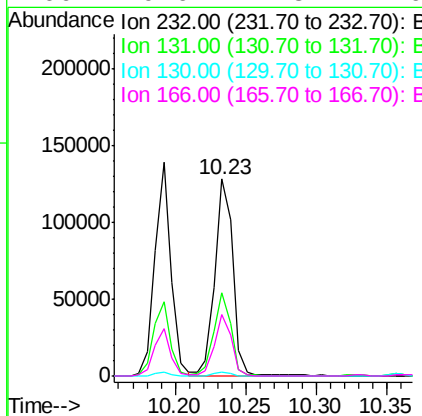
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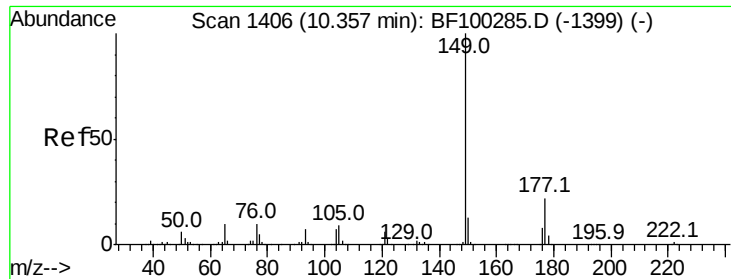
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.980 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.8	43.8	65.8#	
130	1.8	2.1	3.1#	
166	29.6	27.8	41.6	





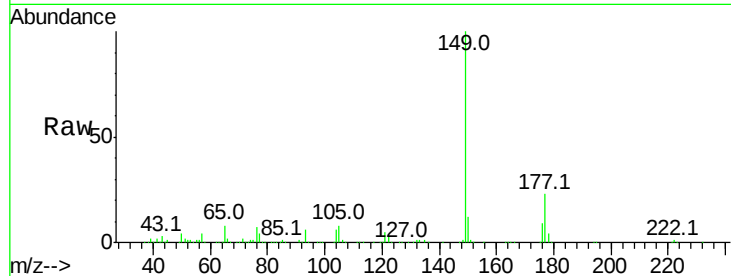
#59
Diethylphthalate
Concen: 41.247 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

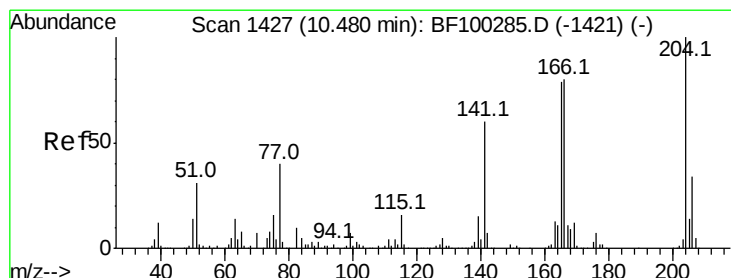
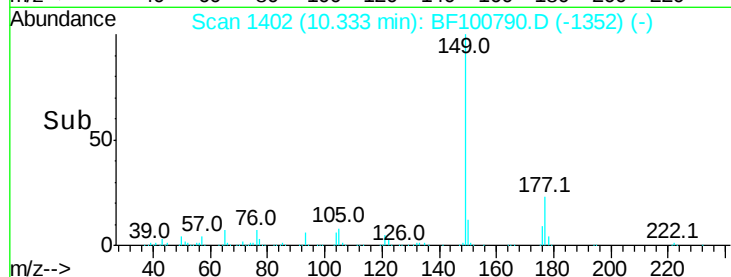
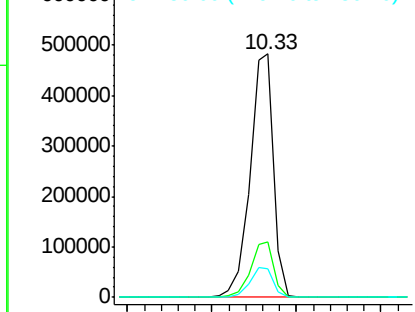
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	12.0	10.1	15.1

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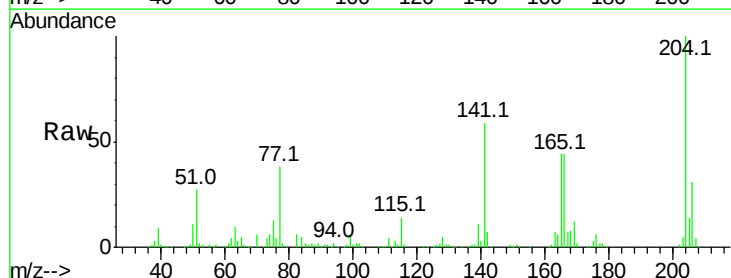


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

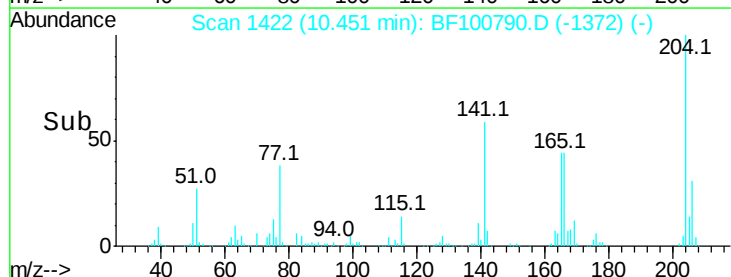
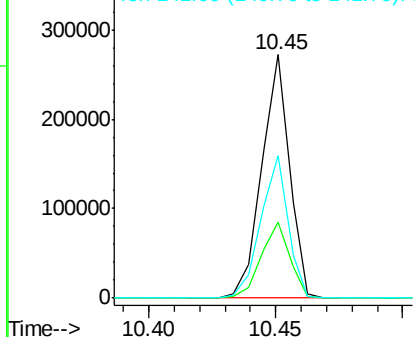


#60
4-Chlorophenyl-phenylether
Concen: 44.366 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.5	39.7
141	58.5	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





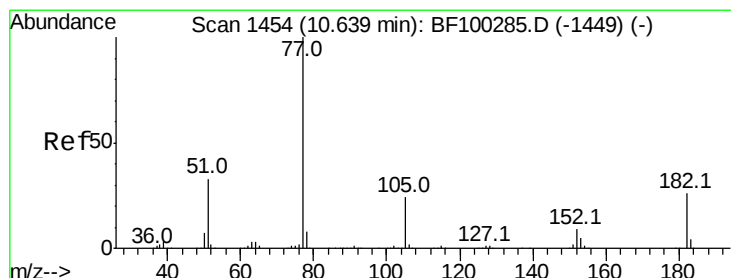
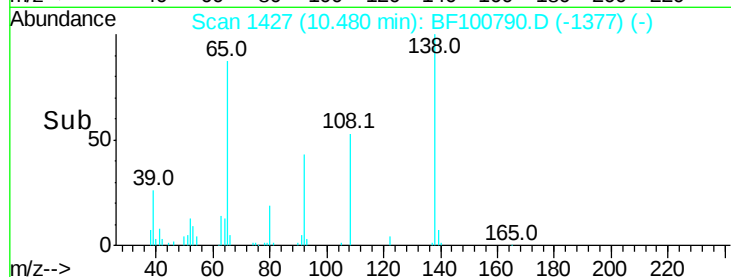
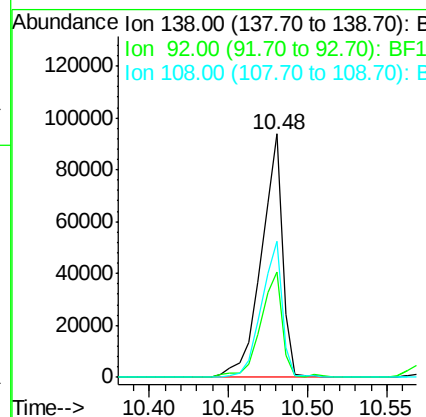
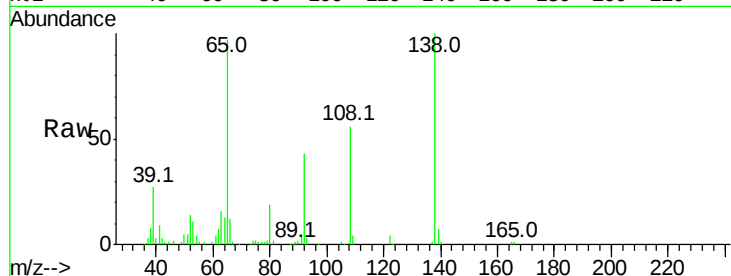
#61
4-Nitroaniline
Concen: 35.172 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	30.2	70.2
108	56.1	52.5	92.5

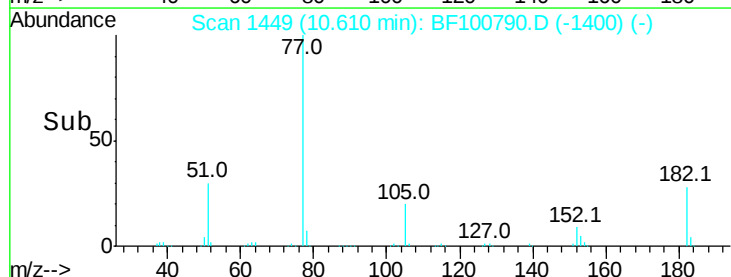
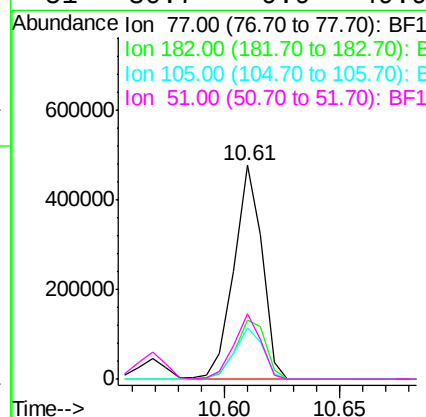
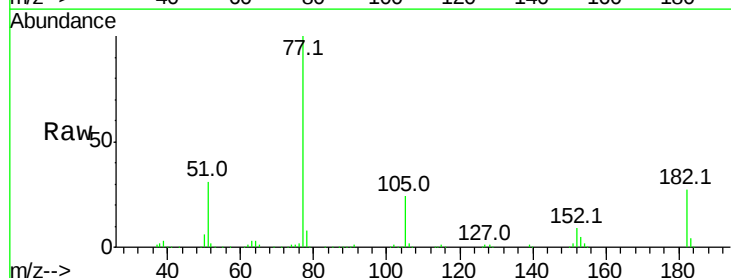
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#62
Azobenzene
Concen: 37.883 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	1.7	41.7
105	24.0	3.0	43.0
51	30.7	9.9	49.9





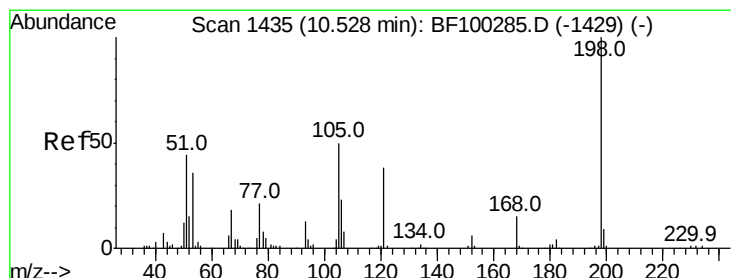
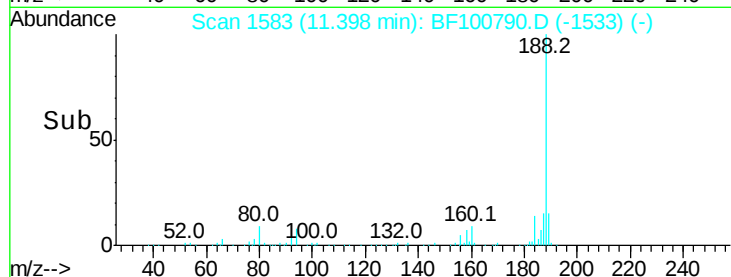
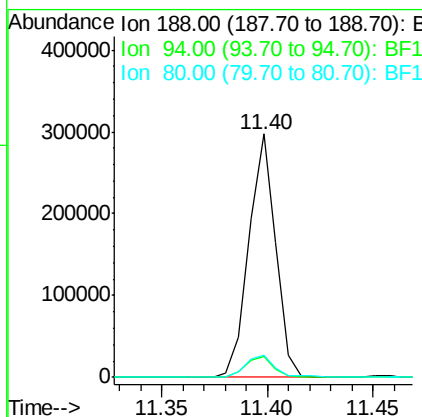
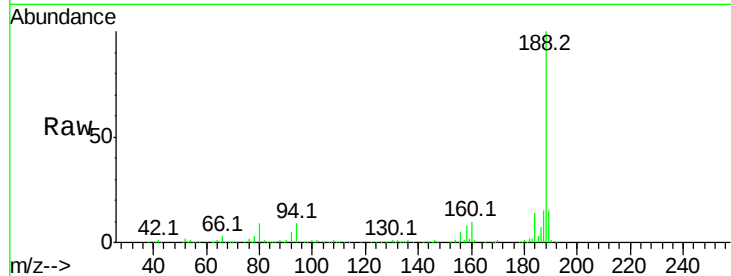
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.5	12.7
80	9.3	9.2	13.8

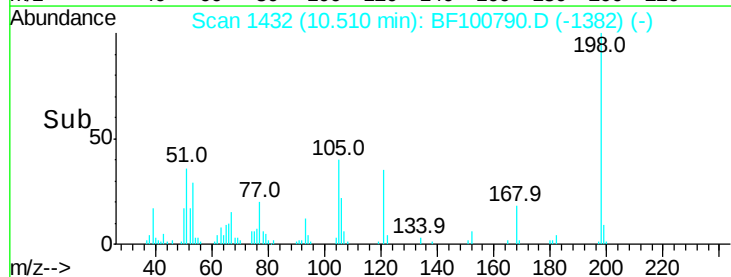
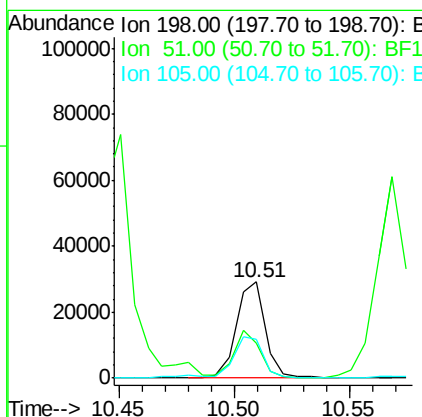
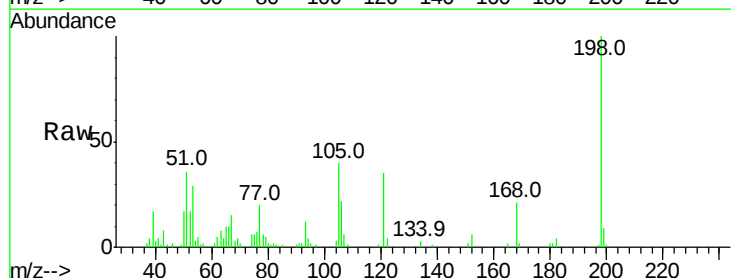
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.392 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.1	37.7	77.7#
105	39.7	36.3	76.3





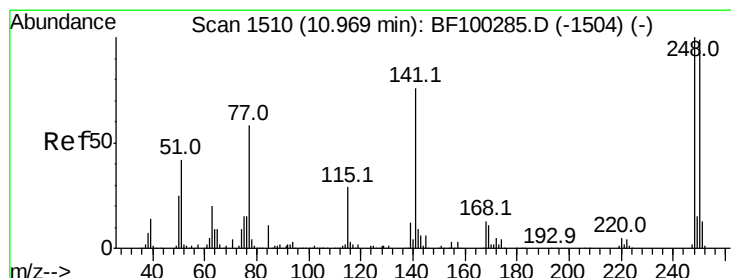
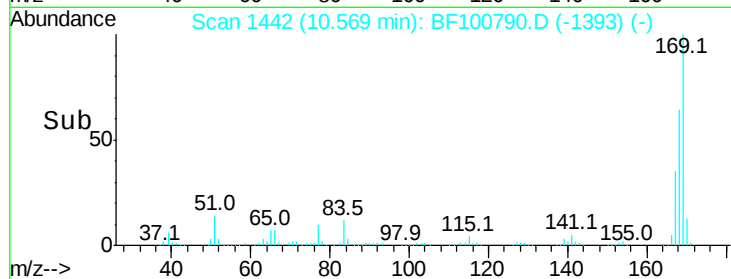
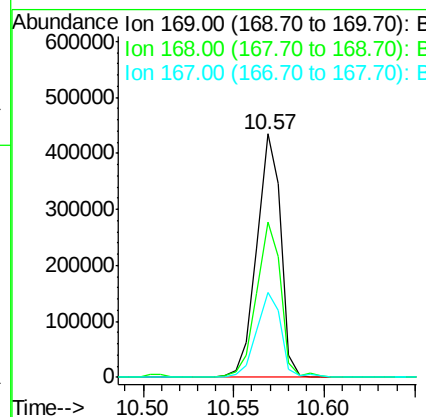
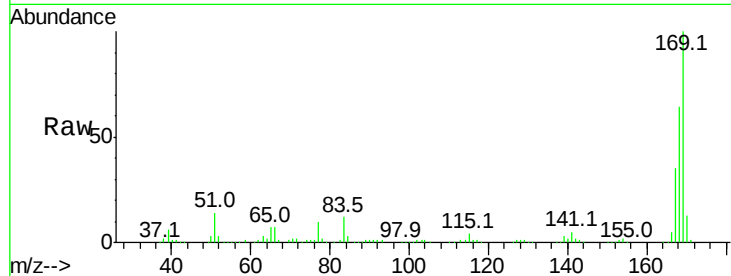
#65
 n-Nitrosodiphenylamine
 Concen: 43.738 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.7	54.4	81.6	
167	34.9	29.8	44.6	

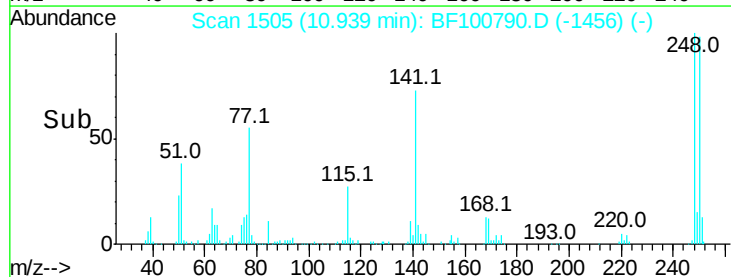
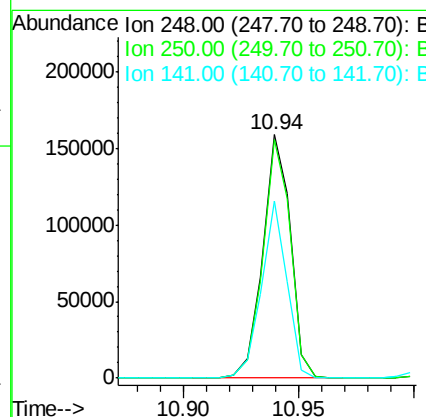
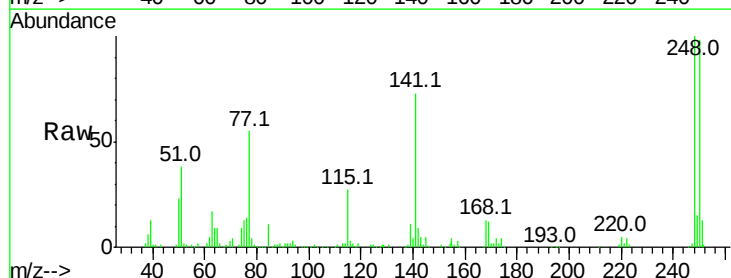
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#66
 4-Bromophenyl-phenylether
 Concen: 47.234 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.9	115.3	
141	72.6	74.4	111.6#	





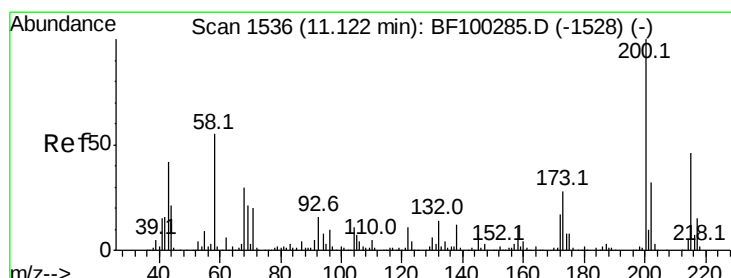
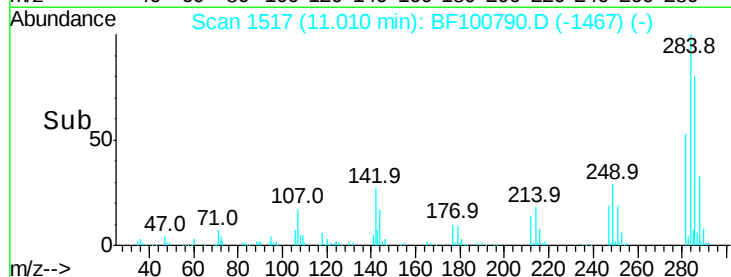
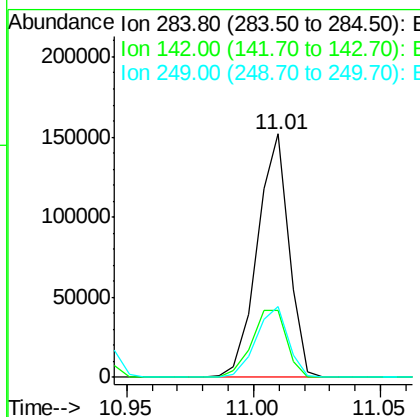
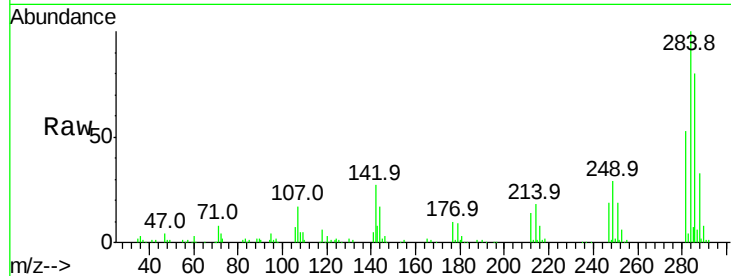
#67
Hexachlorobenzene
Concen: 44.978 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.4	34.6	52.0	
249	29.1	24.8	37.2	

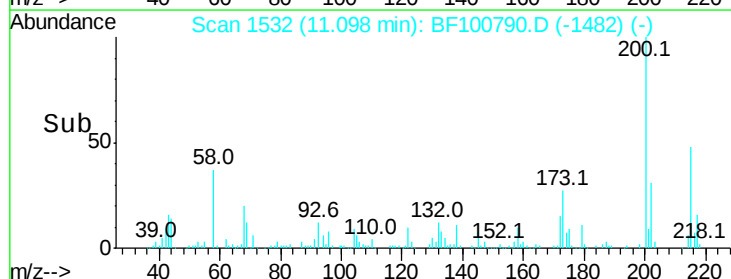
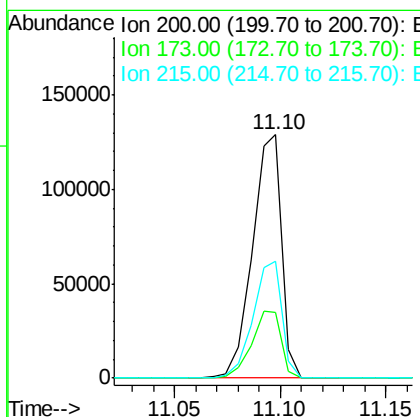
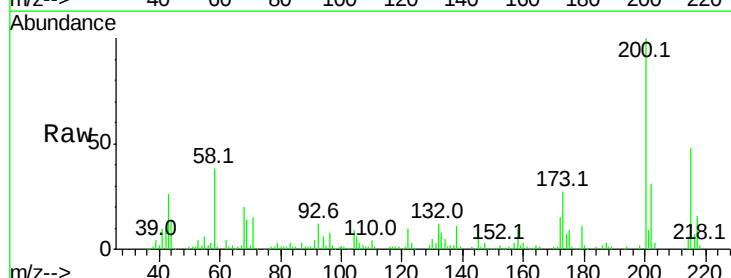
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#68
Atrazine
Concen: 44.822 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.2	8.6	48.6	
215	48.2	25.1	65.1	





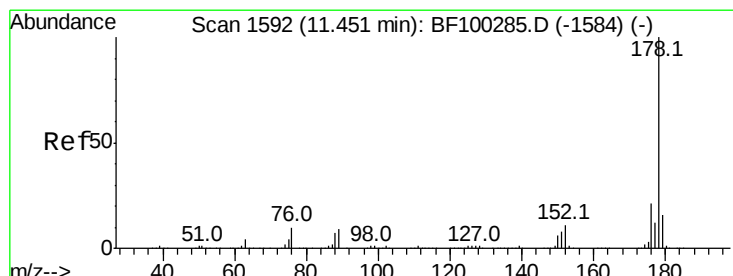
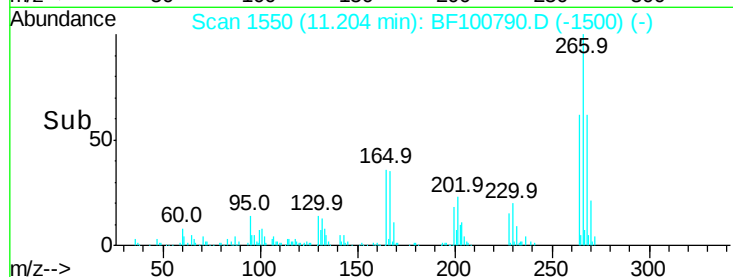
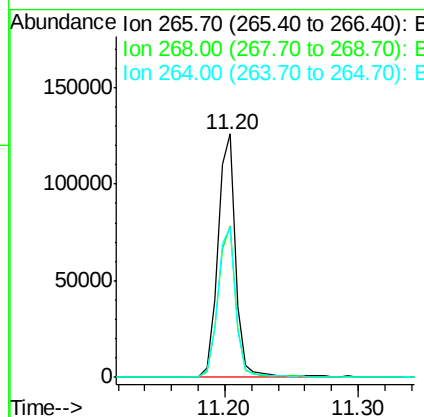
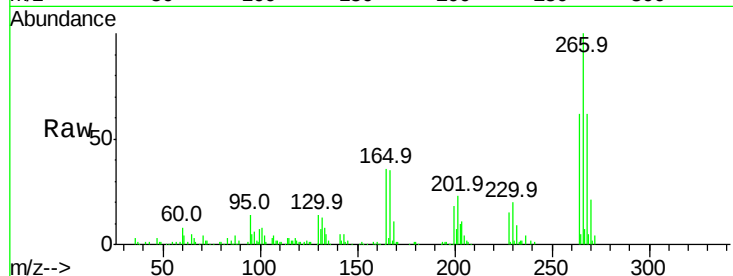
#69
 Pentachlorophenol
 Concen: 56.379 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	118921		
268	62.2	51.1	76.7	
264	61.7	49.5	74.3	

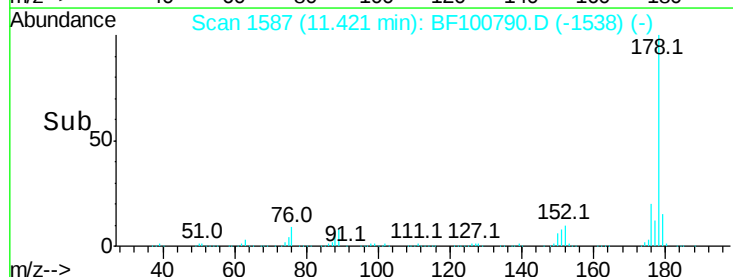
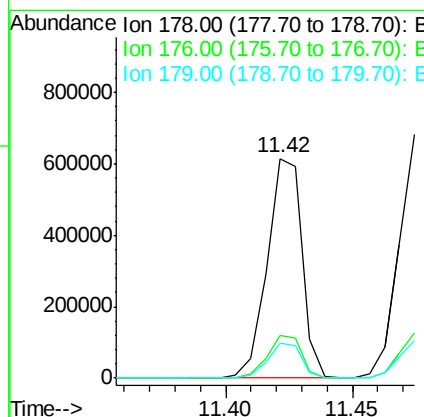
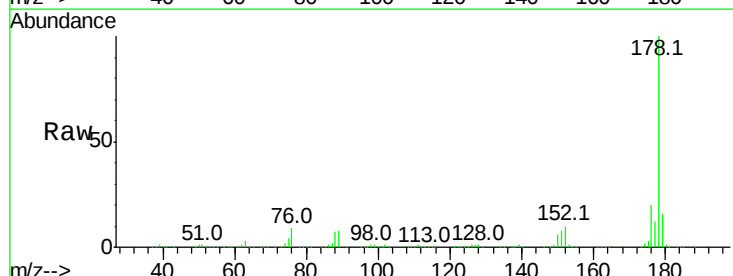
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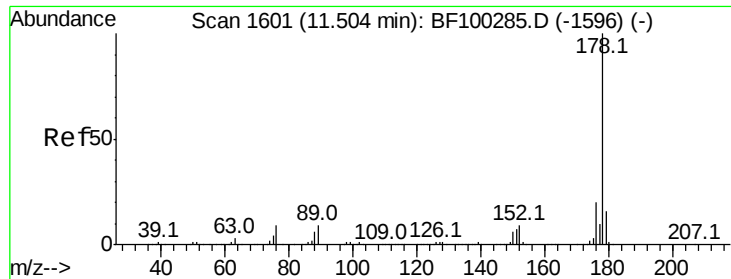
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#70
 Phenanthrene
 Concen: 42.929 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	593026		
176	19.6	15.8	23.8	
179	15.6	13.0	19.6	





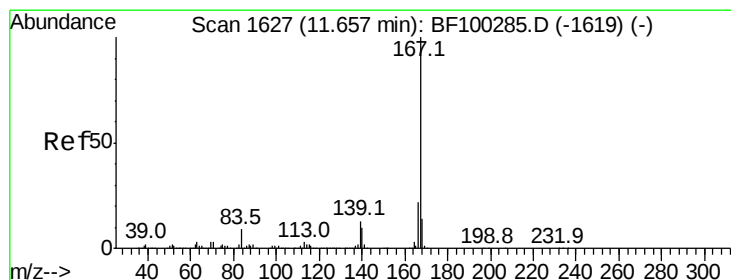
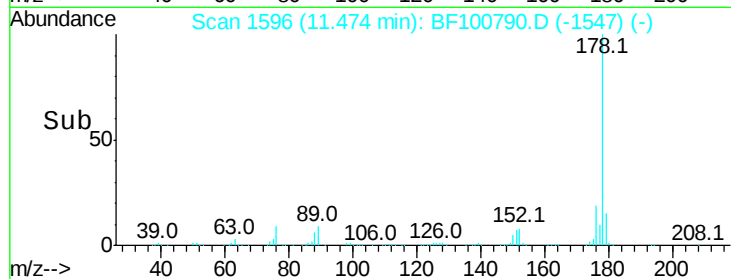
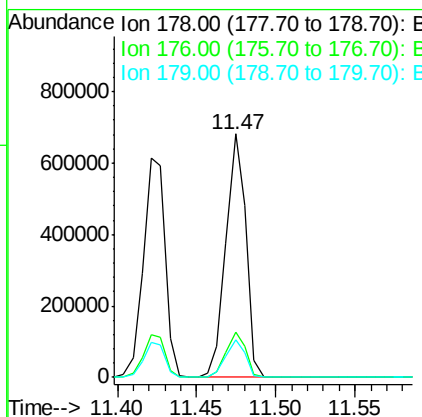
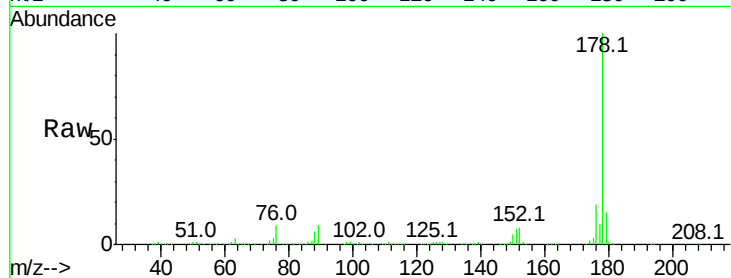
#71
 Anthracene
 Concen: 42.582 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	19.0

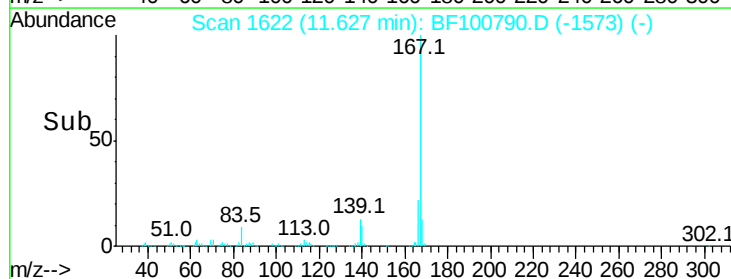
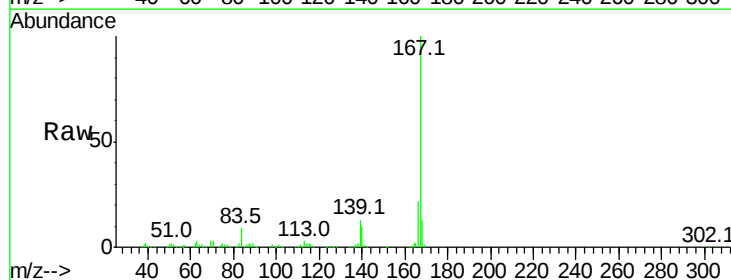
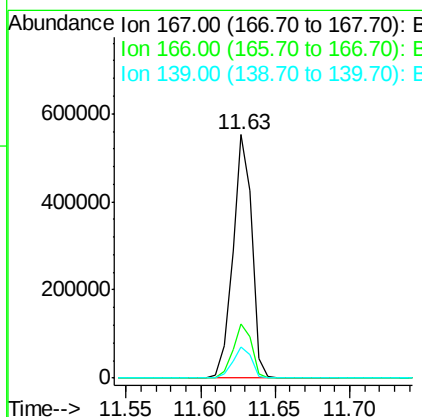
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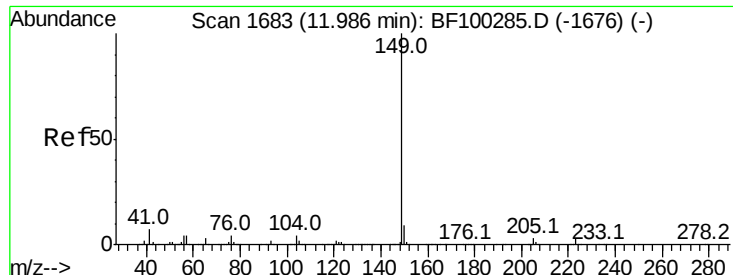
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#72
 Carbazole
 Concen: 38.222 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.624 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

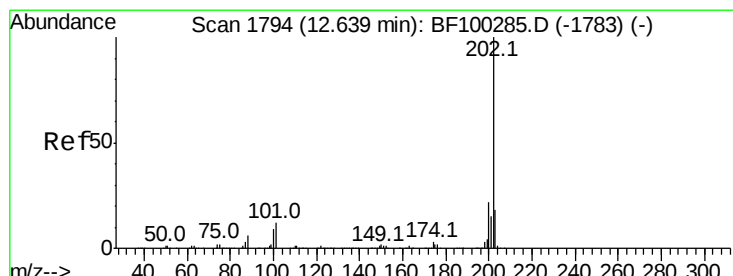
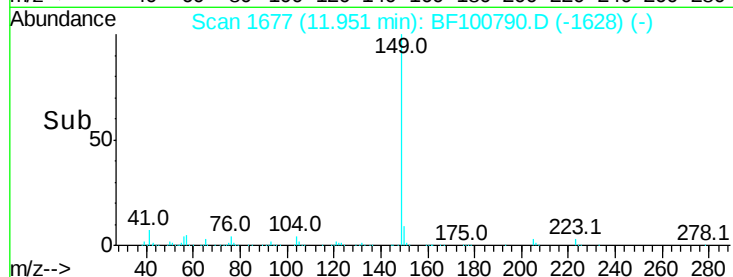
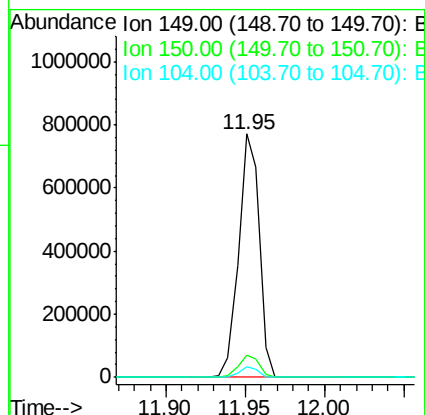
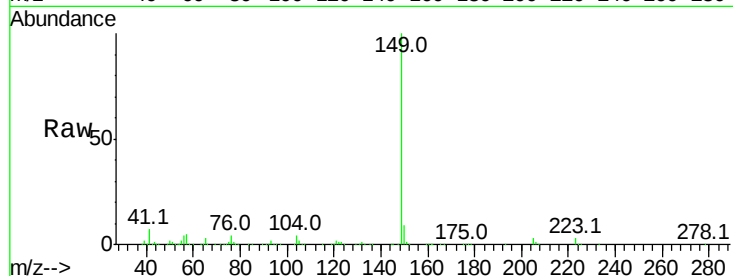
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	149	Resp:	690453
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.2	3.8	5.8

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#74

Fluoranthene

Concen: 38.951 ng

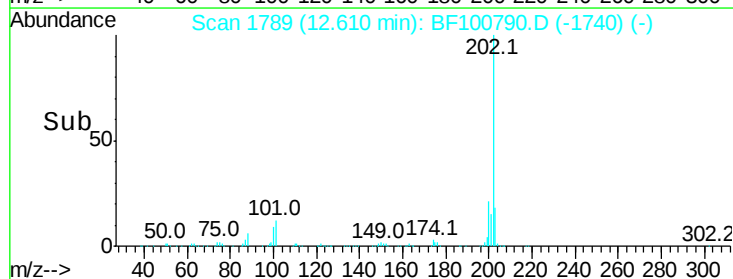
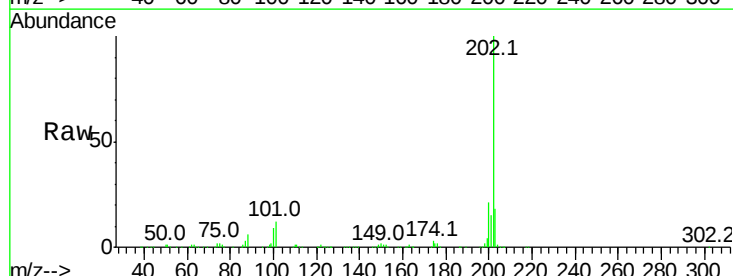
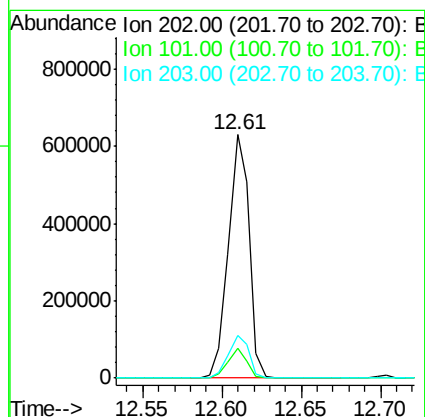
RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	202	Resp:	570260
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

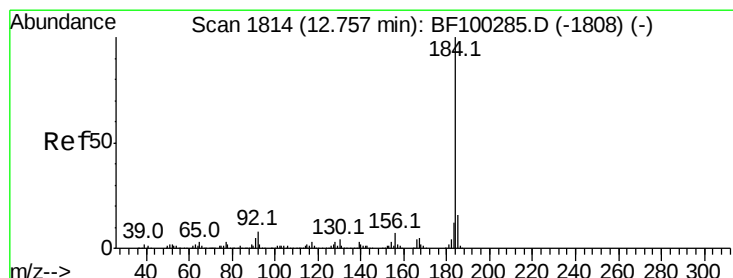
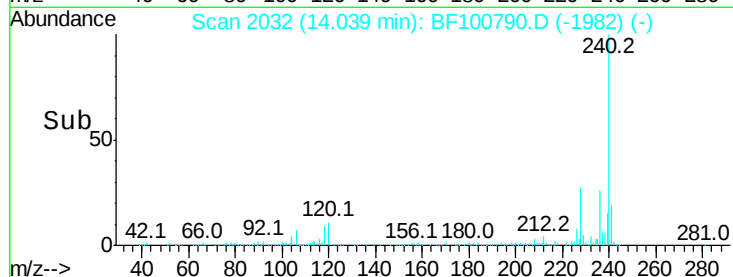
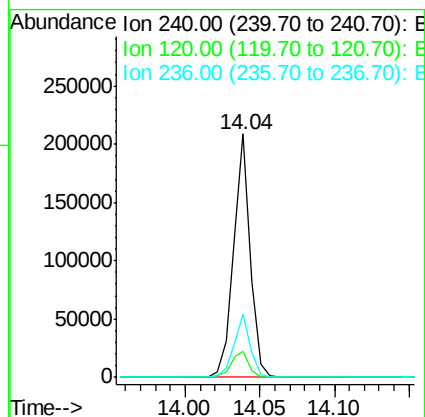
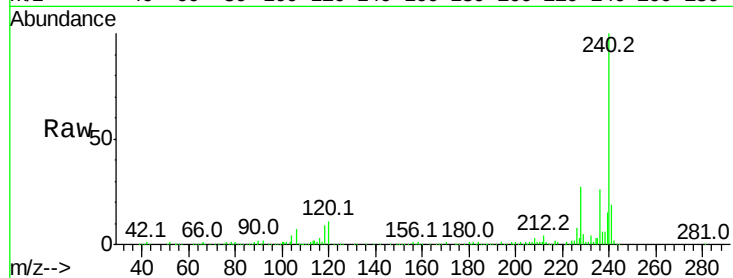
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	240	Resp:	165725
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 26.503 ng

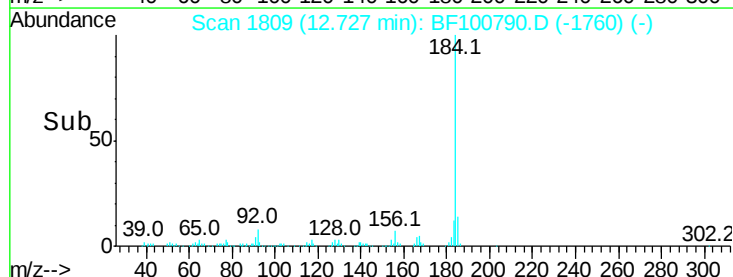
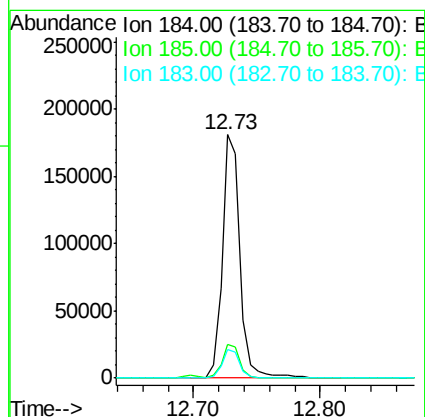
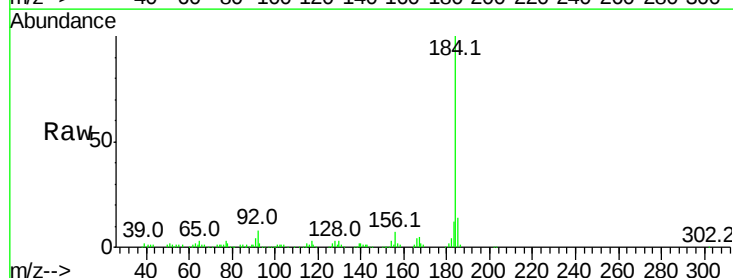
RT: 12.73 min Scan# 1809

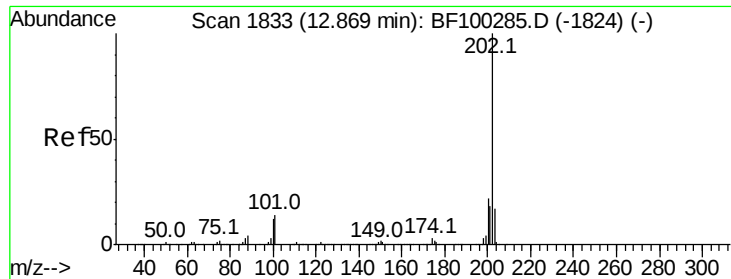
Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	184	Resp:	175898
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.9	9.3	13.9





#77

Pvrene

Concen: 47.452 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

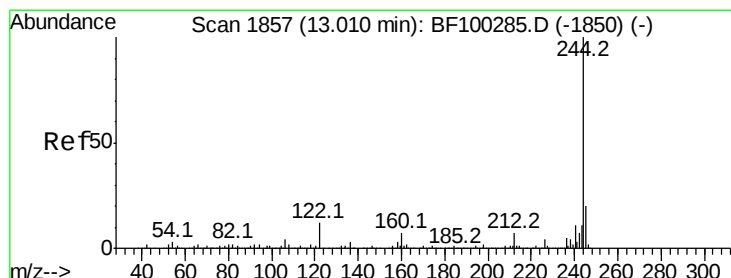
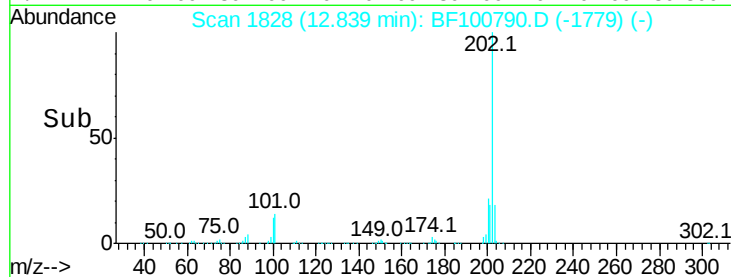
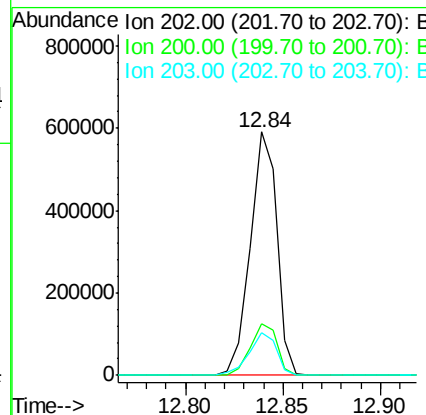
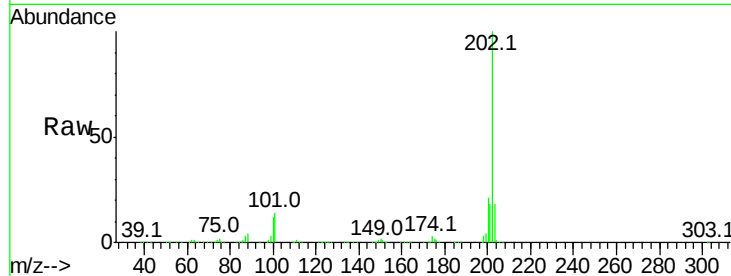
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	202	Resp:	560573
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 89.001 ng

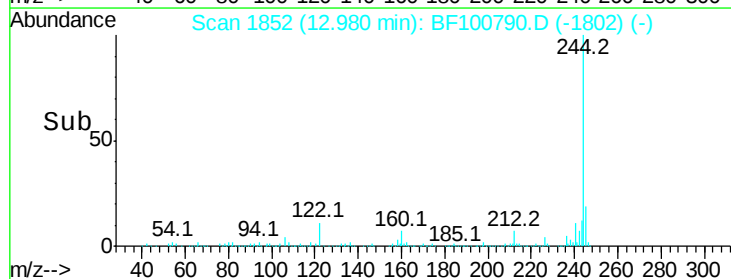
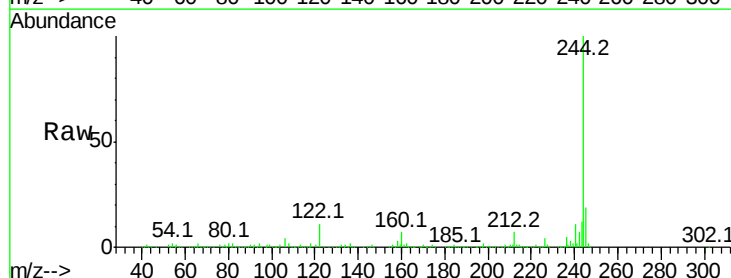
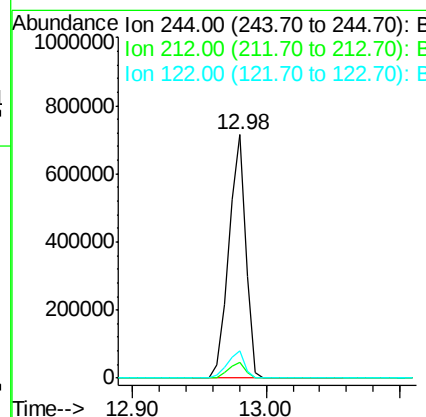
RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	244	Resp:	641929
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4





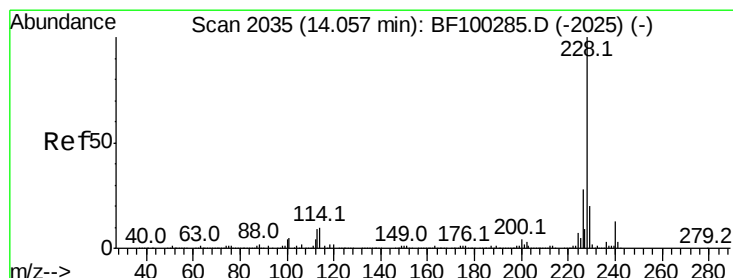
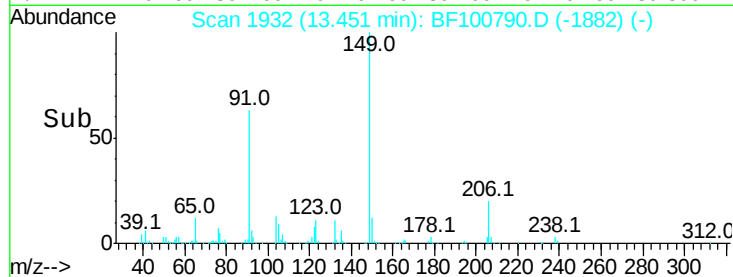
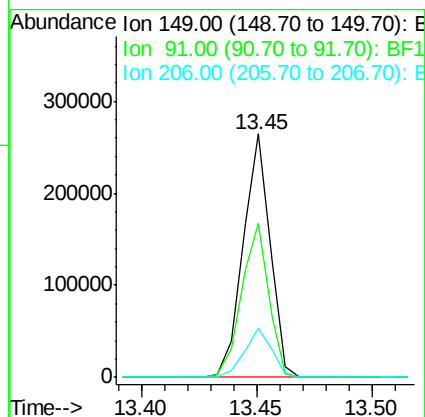
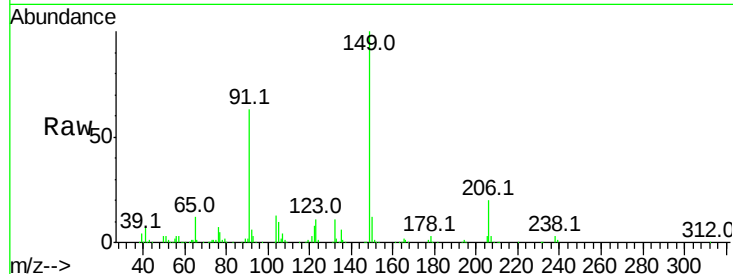
#79
 Butylbenzylphthalate
 Concen: 44.741 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	21552		
91	63.2	56.8	85.2	
206	20.2	14.1	21.1	

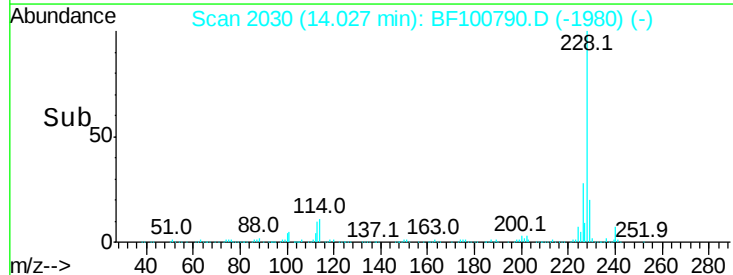
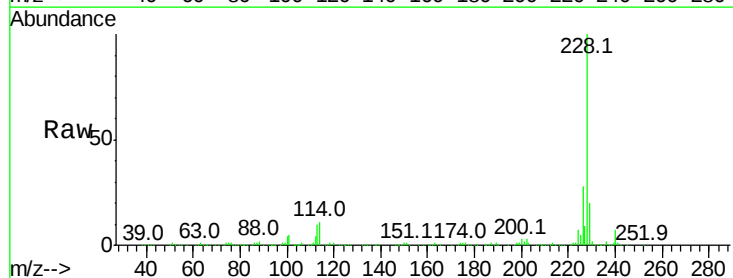
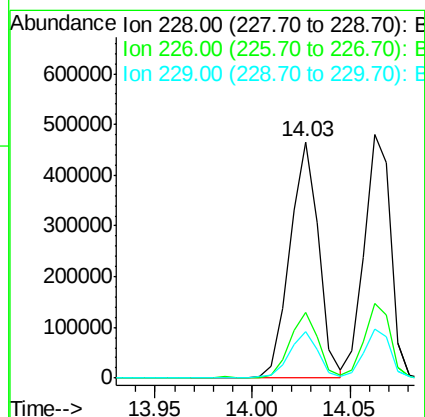
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#80
 Benzo(a)anthracene
 Concen: 47.465 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	473695		
226	27.9	22.6	33.8	
229	19.7	15.8	23.6	





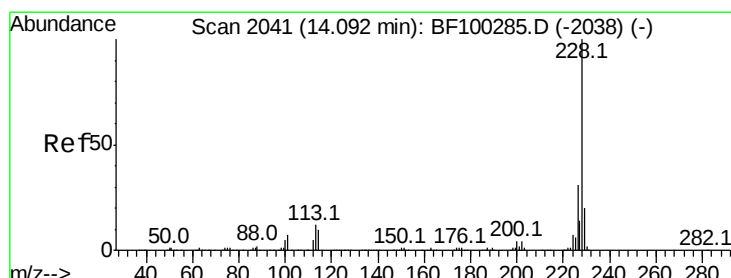
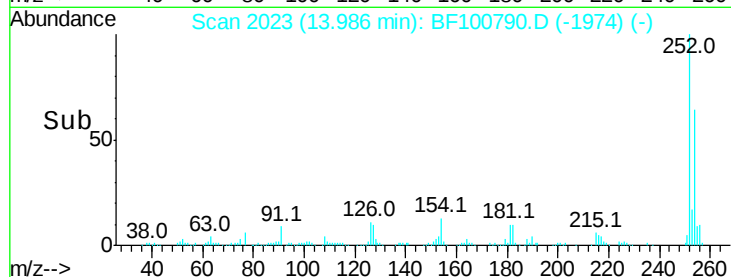
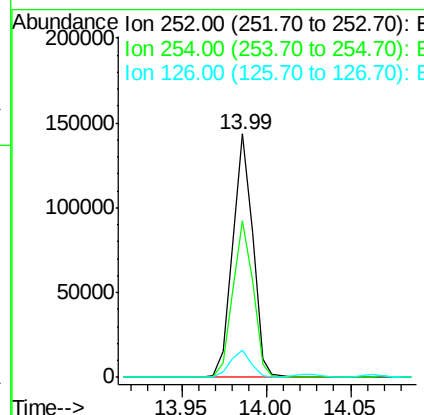
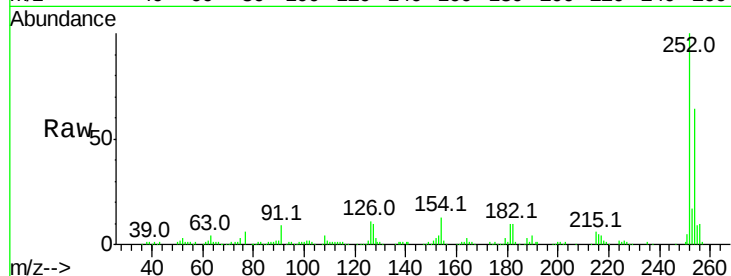
#81
 3,3'-Dichlorobenzidine
 Concen: 33.078 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	118276		
254	64.3	50.4	75.6	
126	11.4	11.3	16.9	

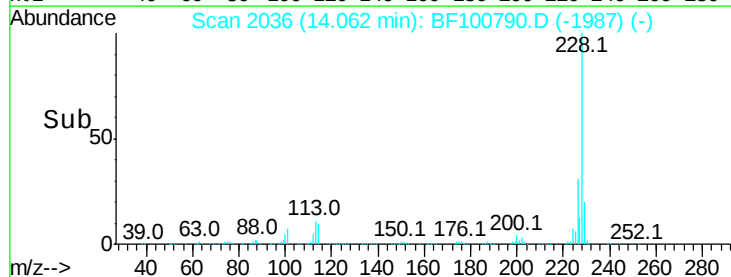
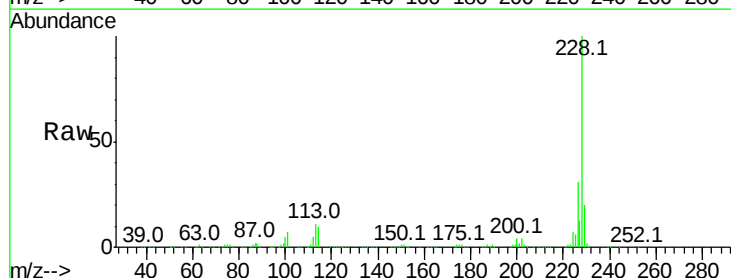
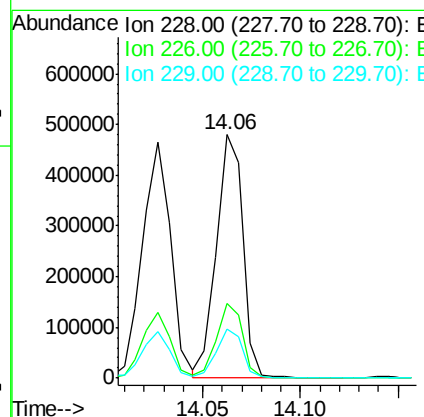
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#82
 Chrysene
 Concen: 46.449 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	448890		
226	30.6	25.0	37.6	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.502 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

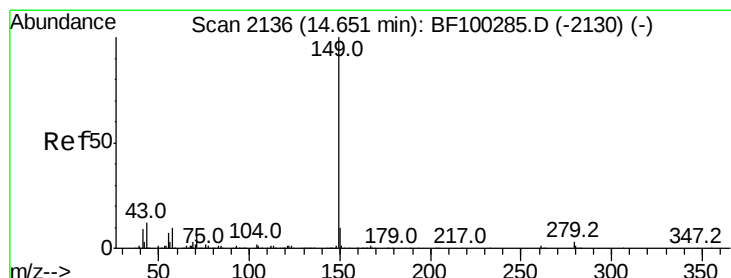
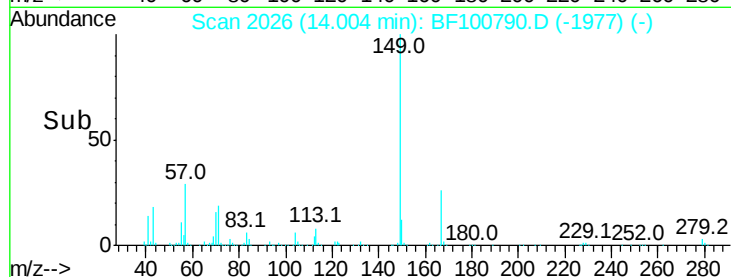
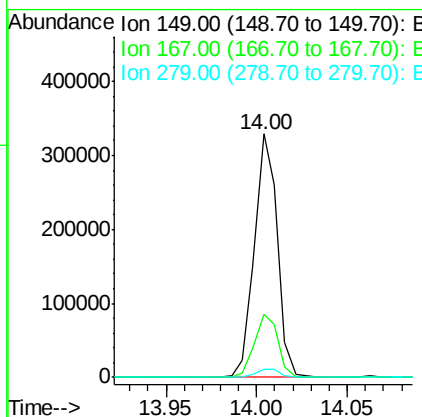
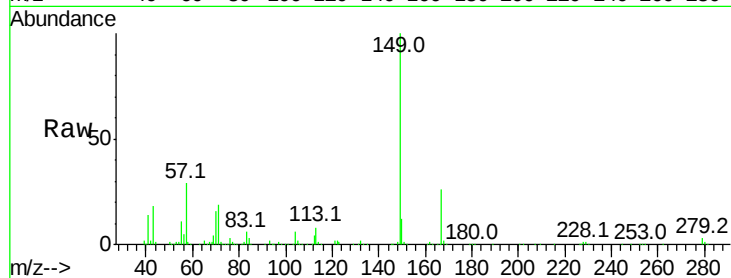
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	149	Resp:	288325
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 44.637 ng

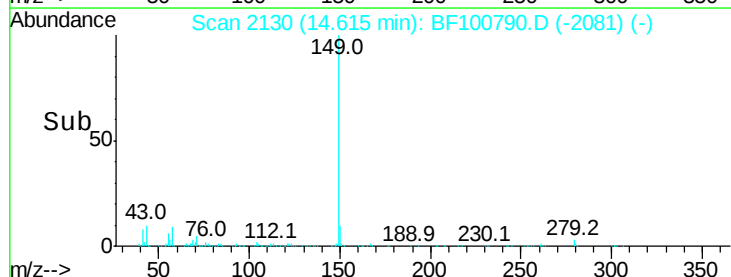
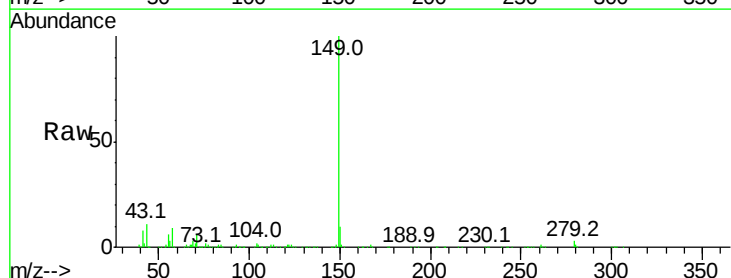
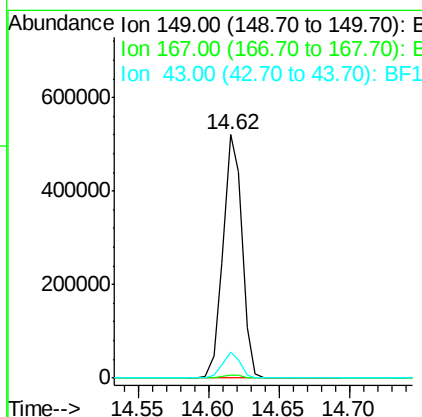
RT: 14.62 min Scan# 2130

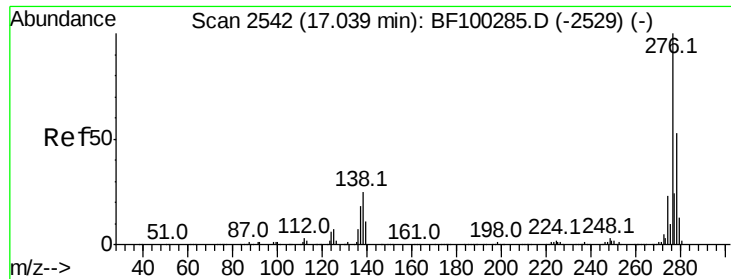
Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	149	Resp:	485897
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





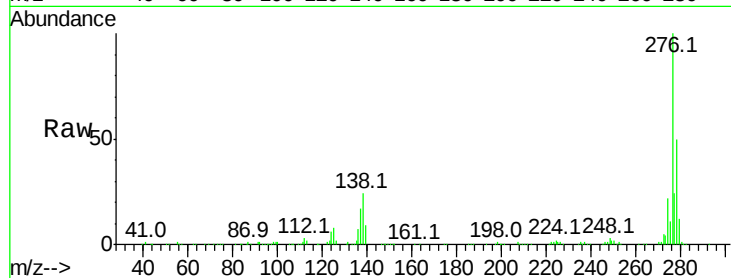
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.668 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

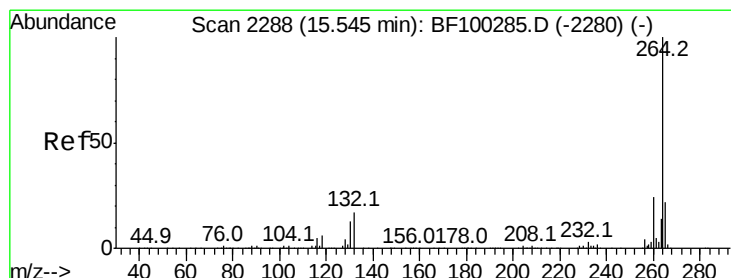
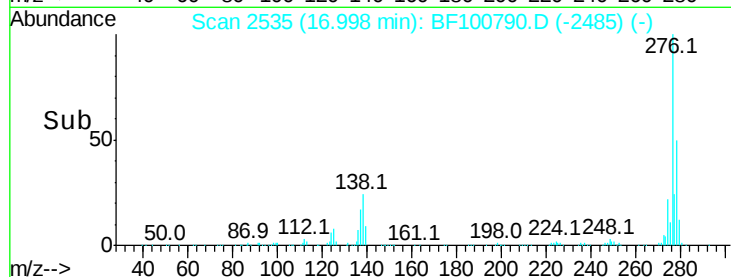
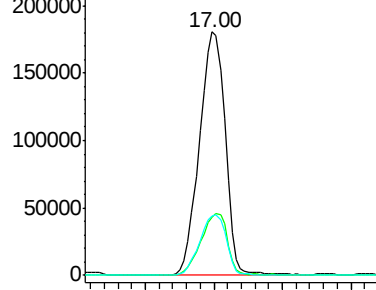
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.7	20.1	30.1

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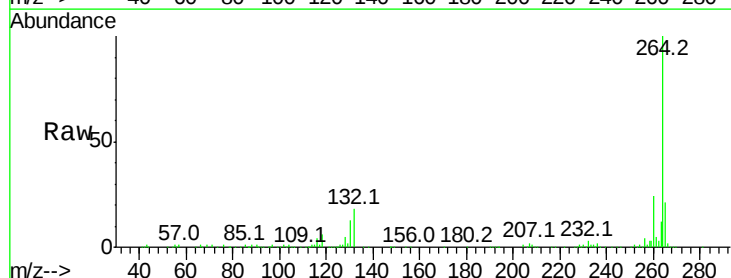


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

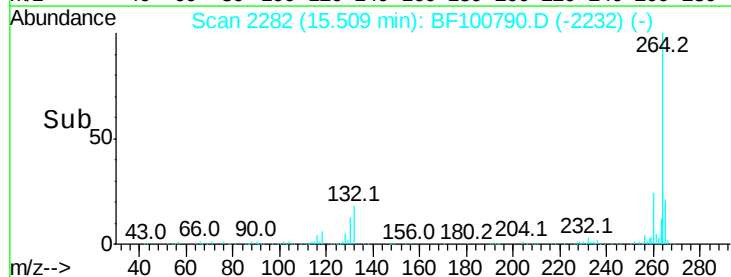
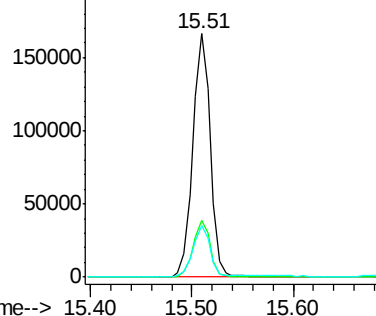


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100790.D
Acq: 21 Nov 2017 19:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	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





#87

Benzo(b)fluoranthene

Concen: 42.674 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

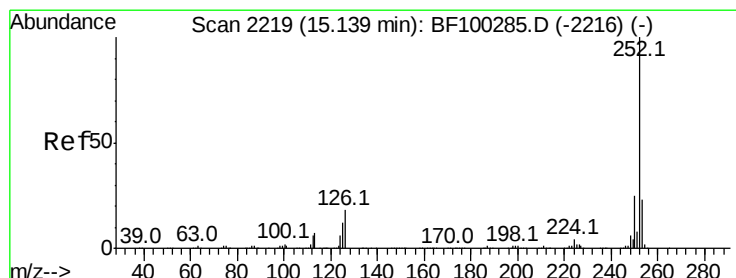
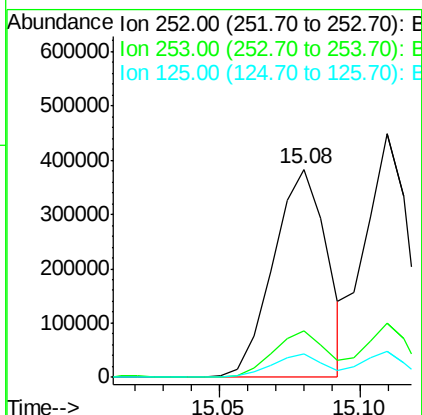
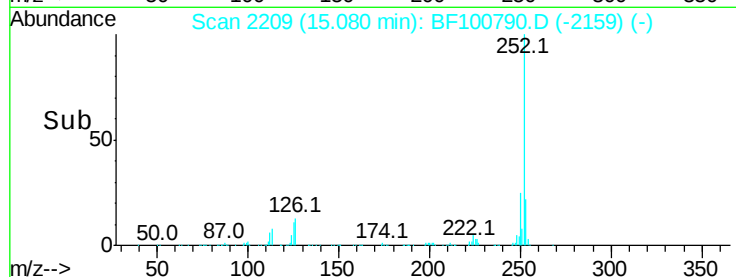
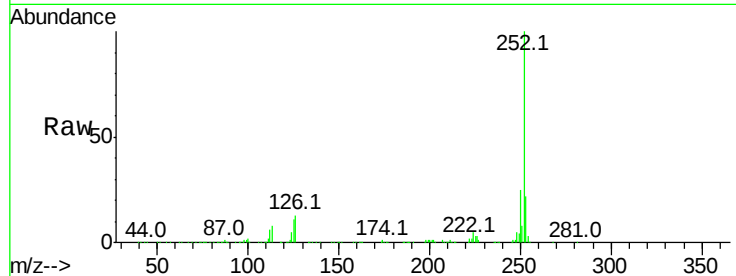
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	252	Resp:	504340
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	11.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 41.741 ng

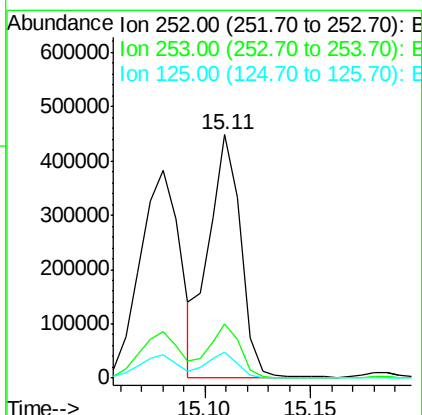
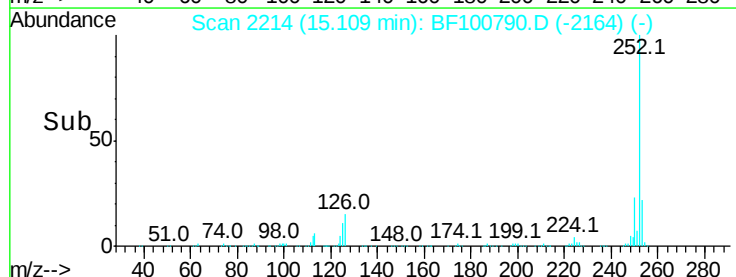
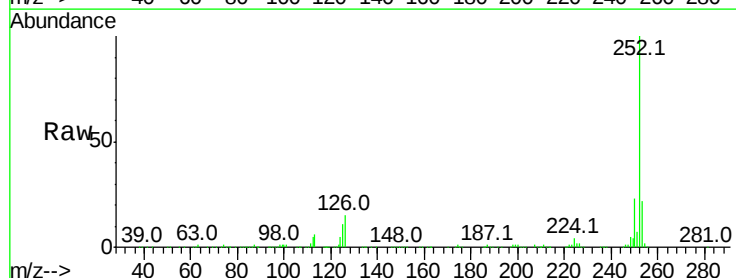
RT: 15.11 min Scan# 2214

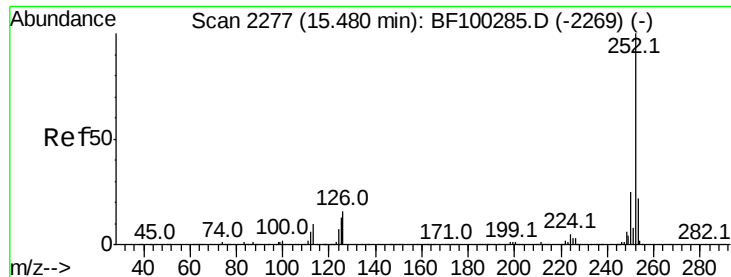
Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	252	Resp:	466115
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	10.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 45.990 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Instrument :

BNA_F

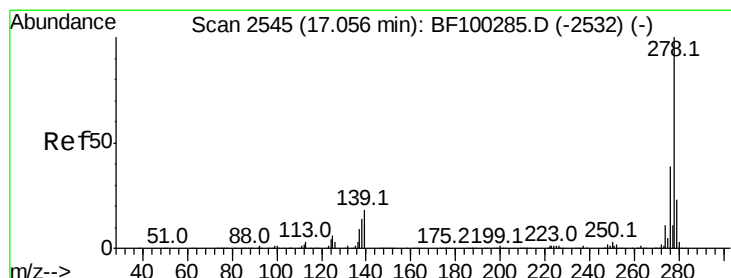
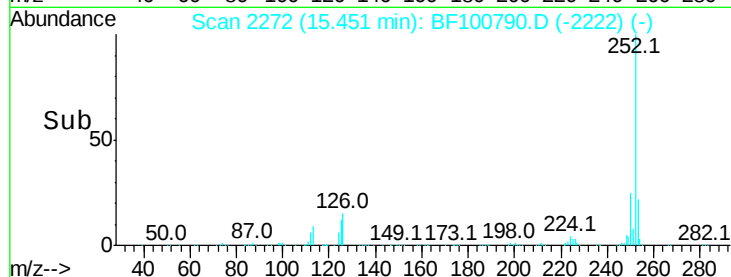
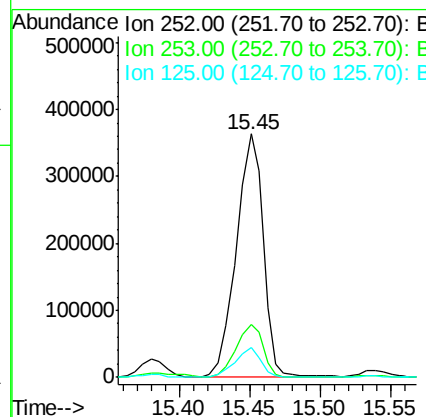
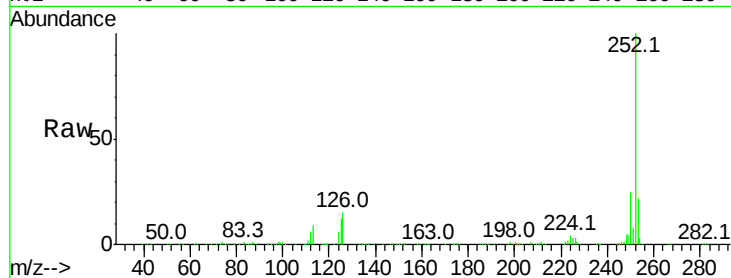
ClientSampleId :

PG1-2-E(4-5)MSD

Tot Ion:	252	Resp:	481860
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	12.1	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 44.255 ng

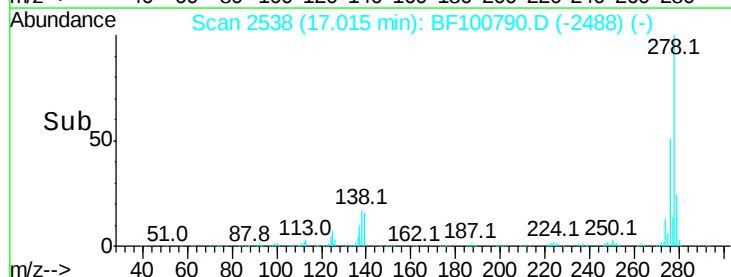
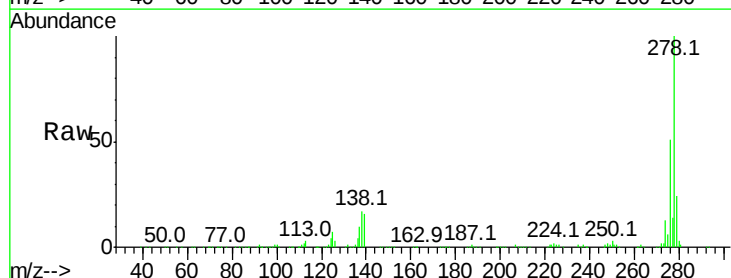
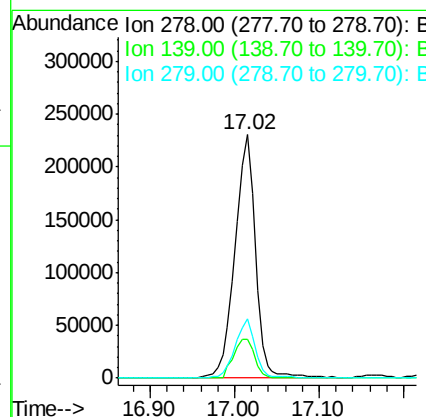
RT: 17.02 min Scan# 2538

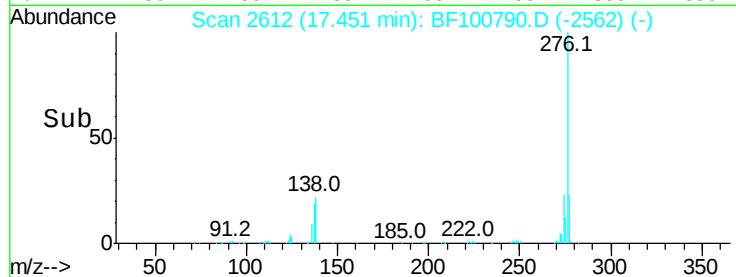
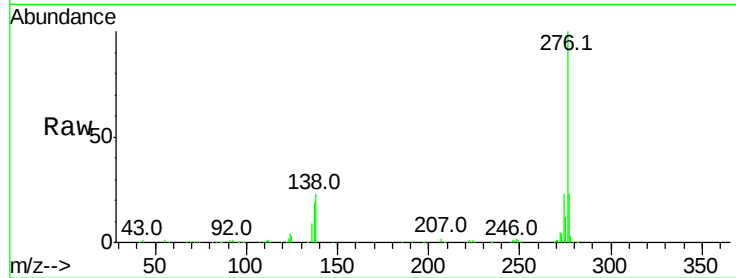
Delta R.T. -0.01 min

Lab File: BF100790.D

Acq: 21 Nov 2017 19:40

Tgt Ion:	278	Resp:	379202
Ion Ratio	Lower	Upper	
278	100		
139	15.7	15.9	23.9#
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.039 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF100790.D
 Acq: 21 Nov 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PG1-2-E(4-5)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	17.9	26.9
138	22.6	21.8	32.8

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