

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099786.D
 Acq On : 24 Oct 2017 14:20
 Operator : SJ/JU
 Sample : PB103578BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

Manual Integrations
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Sohil
 10/25/2017 6:25:14 PM

Quant Time: Oct 24 18:22:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121230	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	520045	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	256515	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	477539	20.00	ng	0.00
75) Chrysene-d12	13.99	240	355500	20.00	ng	0.00
86) Perylene-d12	15.45	264	270126	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	526443	68.18	ng	0.01
7) Phenol-d6	6.45	99	609142	66.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	356545	44.14	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	149169	63.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	777836	46.78	ng	0.00
78) Terphenyl-d14	12.92	244	735662	45.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	69423	20.359	ng	92
3) Pyridine	3.39	79	170310	20.769	ng	91
4) n-Nitrosodimethylamine	3.33	42	67470	23.031	ng	# 74
6) Aniline	6.47	93	199111	16.772	ng	98
8) 2-Chlorophenol	6.59	128	195716	23.781	ng	94
9) Benzaldehyde	6.36	77	110706	20.234	ng	87
10) Phenol	6.46	94	237161	23.592	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	175830	22.650	ng	96
12) 1,3-Dichlorobenzene	6.74	146	206499	22.347	ng	99
13) 1,4-Dichlorobenzene	6.82	146	212015	22.607	ng	98
14) 1,2-Dichlorobenzene	6.97	146	199082	23.292	ng	95
15) Benzyl Alcohol	6.95	79	138230	23.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	226661	26.285	ng	59
17) 2-Methylphenol	7.07	107	158579	23.036	ng	# 95
18) Hexachloroethane	7.31	117	71626	22.892	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	120992	22.550	ng	92
20) 3+4-Methylphenols	7.22	107	203116	25.340	ng	# 77
22) Acetophenone	7.22	105	256661	21.676	ng	# 97
24) Nitrobenzene	7.39	77	186726	22.942	ng	91
25) Isophorone	7.63	82	351044	23.950	ng	98
26) 2-Nitrophenol	7.71	139	109900	23.575	ng	# 84
27) 2,4-Dimethylphenol	7.75	122	176972	25.766	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	231315	22.534	ng	99
29) 2,4-Dichlorophenol	7.95	162	171693	24.063	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	171402	22.483	ng	97
31) Naphthalene	8.11	128	566010	22.548	ng	99
32) Benzoic acid	7.89	122	108359	17.923	ng	95
33) 4-Chloroaniline	8.16	127	158120	15.254	ng	95
34) Hexachlorobutadiene	8.22	225	85675	21.848	ng	98
35) Caprolactam	8.54	113	55736m	24.840	ng	
36) 4-Chloro-3-methylphenol	8.66	107	175450	24.091	ng	92
37) 2-Methylnaphthalene	8.80	142	396192	23.551	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	163570	19.743	ng	98
40) Hexachlorocyclopentadiene	8.95	237	58914	44.053	ng	97

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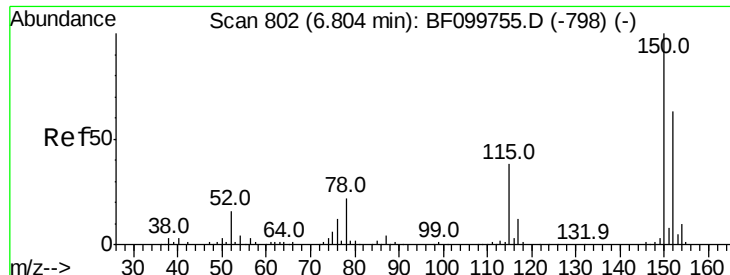
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	113537	22.656	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	117408	22.078	nq	# 93
45) 1,1'-Biphenyl	9.26	154	472414	20.358	nq	99
46) 2-Chloronaphthalene	9.29	162	369621	21.932	nq	95
47) 2-Nitroaniline	9.40	65	99444	22.483	nq	88
48) Acenaphthylene	9.70	152	557882	21.493	nq	100
49) Dimethylphthalate	9.57	163	443765	21.845	nq	99
50) 2,6-Dinitrotoluene	9.64	165	99331	23.260	nq	# 81
51) Acenaphthene	9.87	154	336384	21.210	nq	99
52) 3-Nitroaniline	9.81	138	80495	15.997	nq	94
53) 2,4-Dinitrophenol	9.93	184	67590	42.961	nq	# 82
54) Dibenzofuran	10.05	168	495365	22.127	nq	98
55) 4-Nitrophenol	9.99	139	109559	41.671	nq	81
56) 2,4-Dinitrotoluene	10.05	165	123968	24.105	nq	# 93
57) Fluorene	10.39	166	409679	22.102	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92020	24.680	nq	93
59) Diethylphthalate	10.26	149	433916	21.874	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	187939	21.543	nq	96
61) 4-Nitroaniline	10.43	138	108564	22.614	nq	84
62) Azobenzene	10.55	77	379273	22.808	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	56155	18.707	nq	79
65) n-Nitrosodiphenylamine	10.50	169	370308	21.007	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	110314	21.943	nq	# 86
67) Hexachlorobenzene	10.95	284	113901	22.146	nq	# 90
68) Atrazine	11.03	200	116117	21.929	nq	98
69) Pentachlorophenol	11.14	266	83696	38.083	nq	98
70) Phenanthrene	11.36	178	594072	22.044	nq	99
71) Anthracene	11.41	178	624410	22.826	nq	99
72) Carbazole	11.57	167	576292	22.402	nq	99
73) Di-n-butylphthalate	11.89	149	717892	21.879	nq	98
74) Fluoranthene	12.55	202	622070	22.211	nq	99
76) Benzidine	12.67	184	299063	19.225	nq	98
77) Pyrene	12.78	202	633195	23.424	nq	100
79) Butylbenzylphthalate	13.39	149	293556	22.053	nq	90
80) Benzo(a)anthracene	13.97	228	489607	21.725	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	113150	13.832	nq	98
82) Chrysene	14.01	228	464342	21.916	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	388548	20.785	nq	# 100
84) Di-n-octyl phthalate	14.55	149	592536	18.468	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	342587	17.614	nq	96
87) Benzo(b)fluoranthene	15.02	252	366484m	21.486	nq	
88) Benzo(k)fluoranthene	15.05	252	374901	23.308	nq	99
89) Benzo(a)pyrene	15.39	252	339097	22.131	nq	# 97
90) Dibenzo(a,h)anthracene	16.93	278	286881	21.071	nq	98
91) Benzo(g,h,i)perylene	17.37	276	297576	22.341	nq	97

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



#1

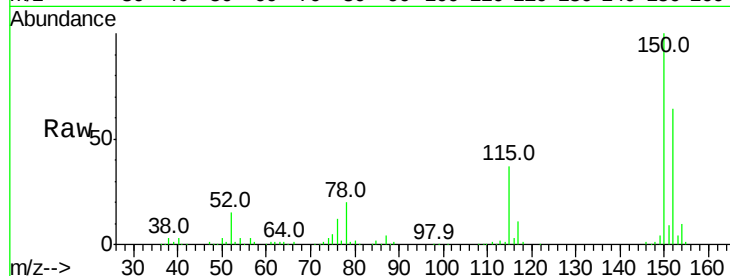
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

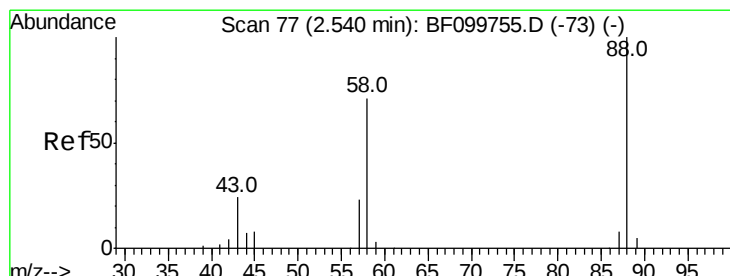
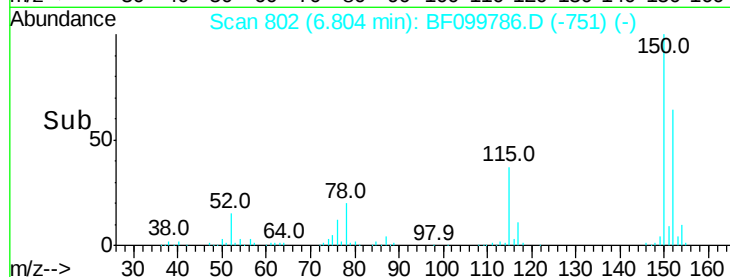
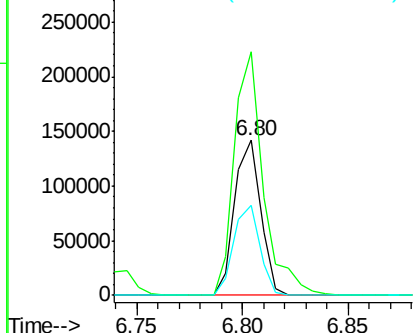
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	57.9	50.1	75.1

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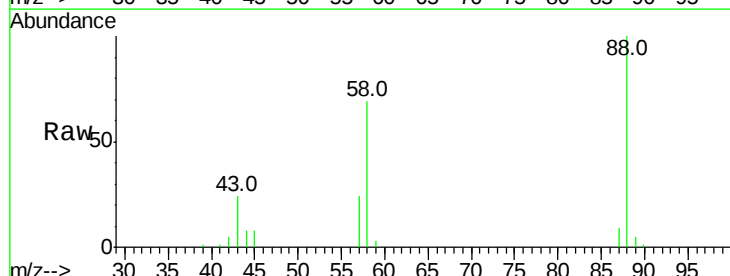
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



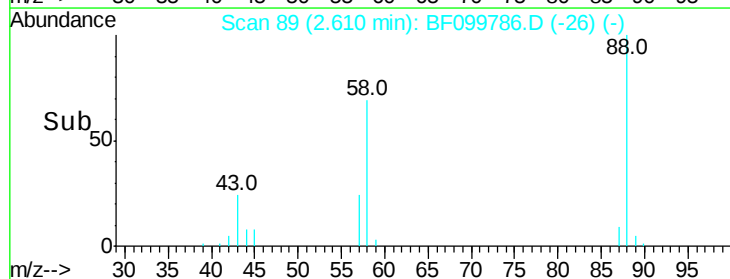
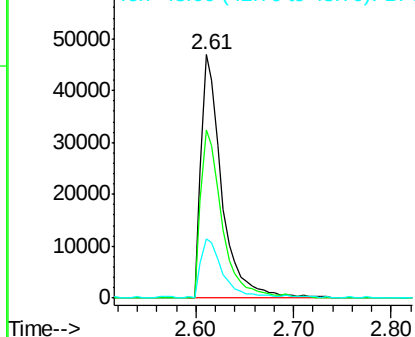
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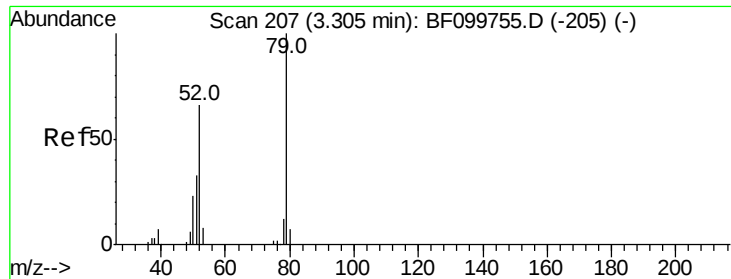
1,4-Dioxane
Concen: 20.359 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.07 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	62.6	93.8
43	26.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





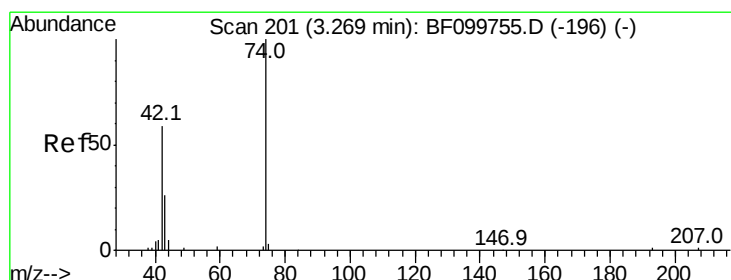
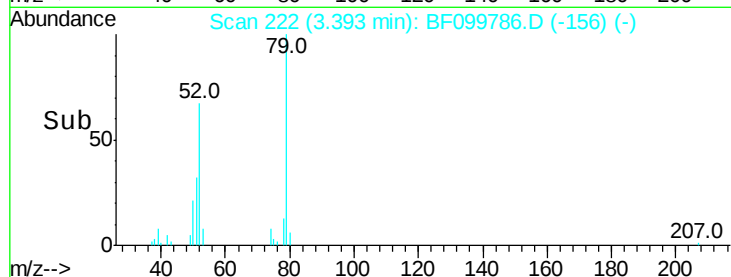
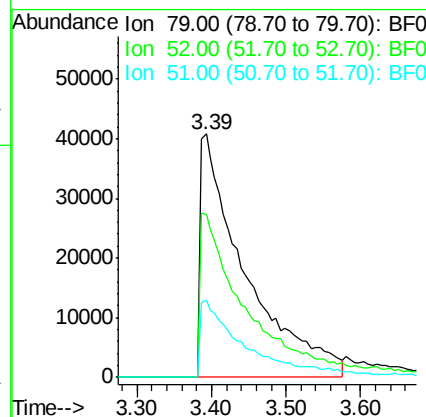
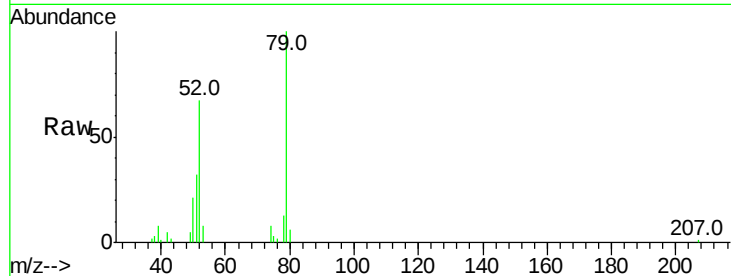
#3
 Pvridine
 Concen: 20.769 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.09 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleID :
 PB103578BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		170310		
52	66.8	59.8	89.6		
51	31.7	29.8	44.8		

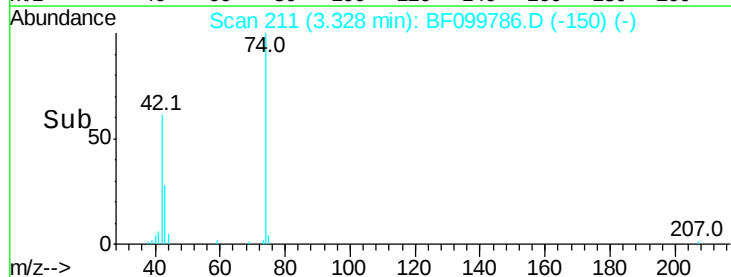
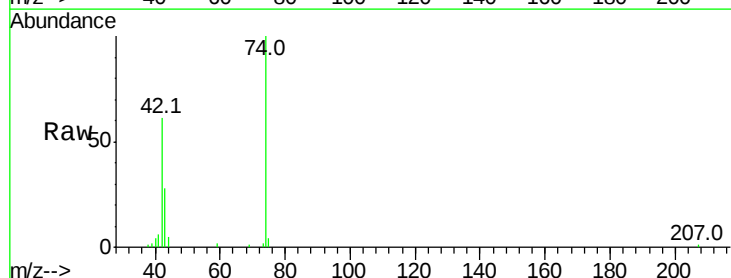
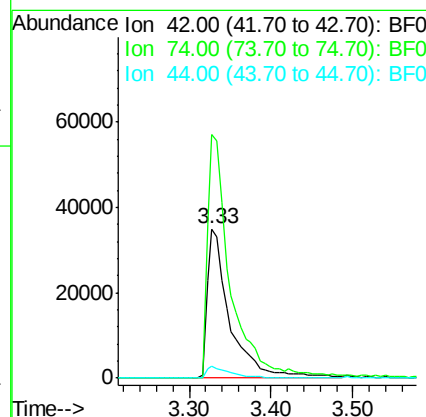
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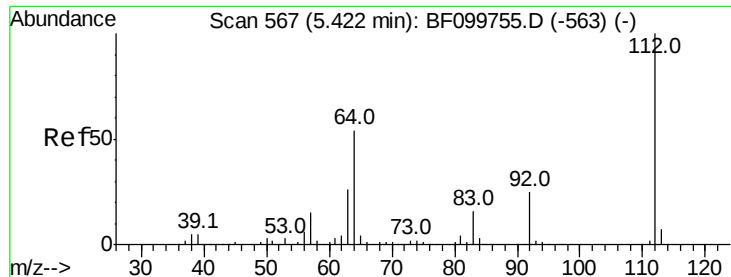
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#4
 n-Nitrosodimethylamine
 Concen: 23.031 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.06 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		67470		
74	163.5	104.9	157.3#		
44	8.2	6.9	10.3		





#5

2-Fluorophenol

Concen: 68.176 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

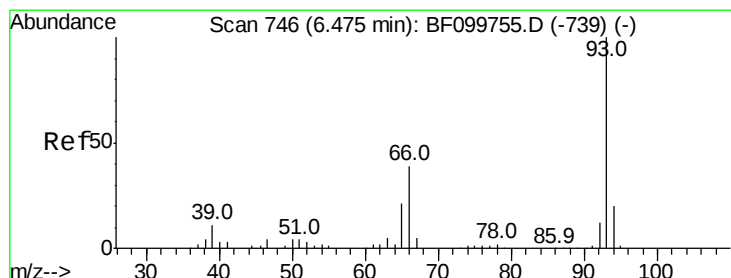
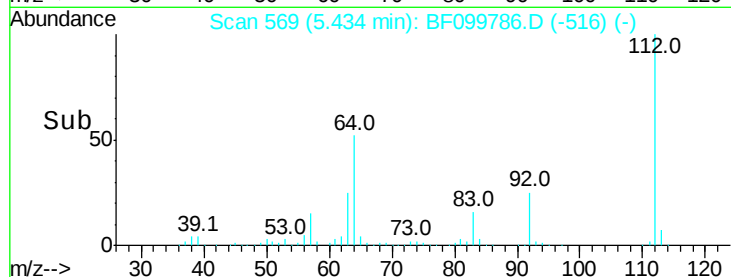
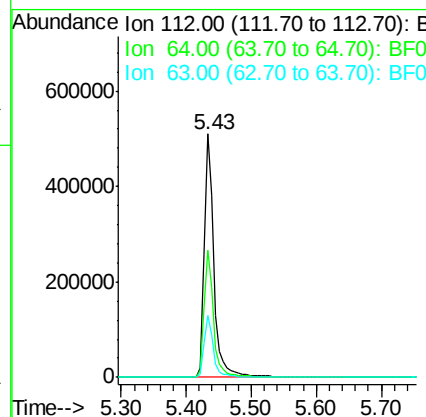
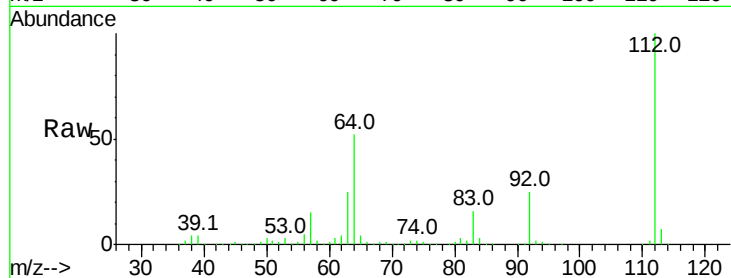
ClientSampled :

PB103578BS

Tot Ion:	112	Resp:	526443
Ion Ratio	Lower	Upper	
112	100		
64	52.5	47.9	71.9
63	25.3	23.7	35.5

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#6

Aniline

Concen: 16.772 ng

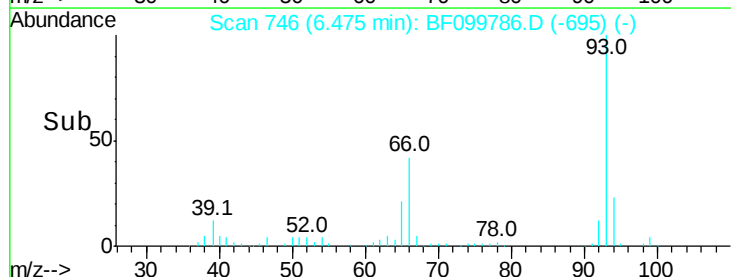
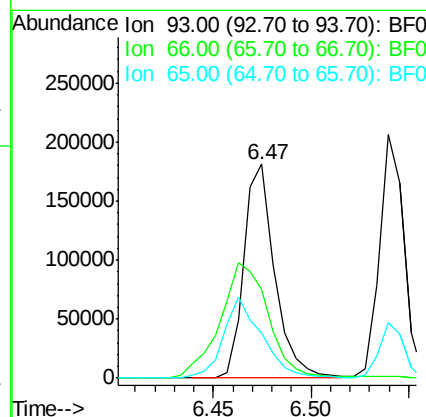
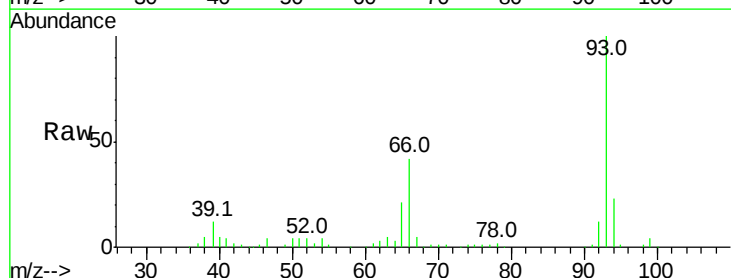
RT: 6.47 min Scan# 746

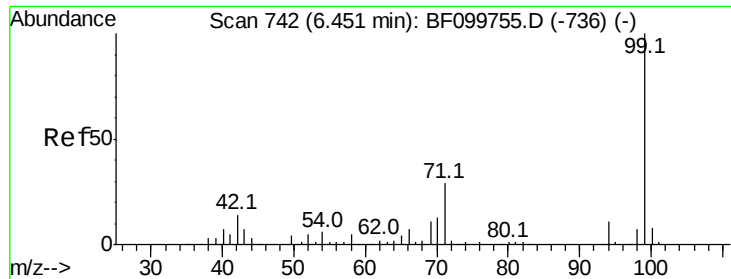
Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	93	Resp:	199111
Ion Ratio	Lower	Upper	
93	100		
66	41.5	32.2	48.2
65	21.1	16.4	24.6





#7

Phenol-d6

Concen: 66.530 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

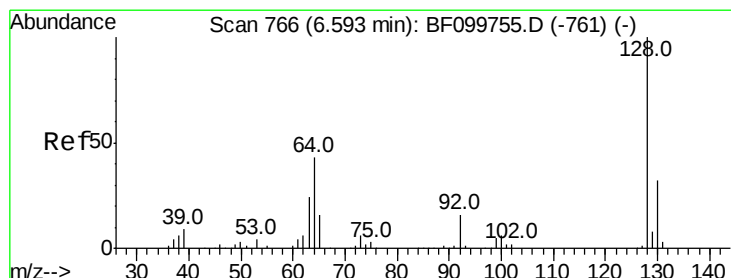
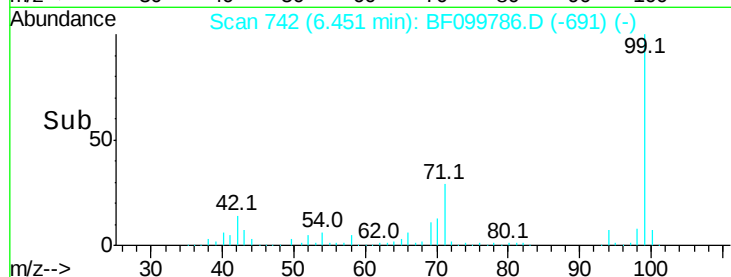
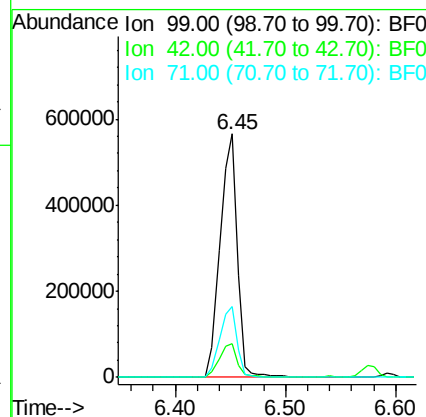
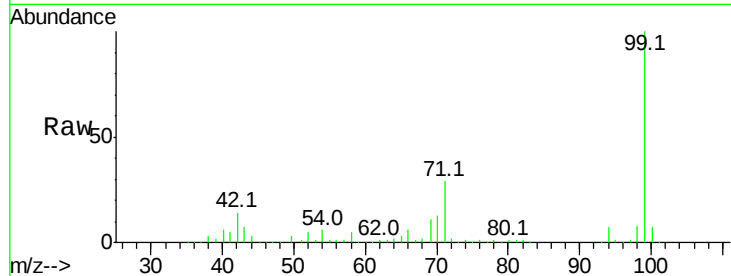
PB103578BS

Tot Ion: 99 Resp: 609142

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 23.781 ng

RT: 6.59 min Scan# 766

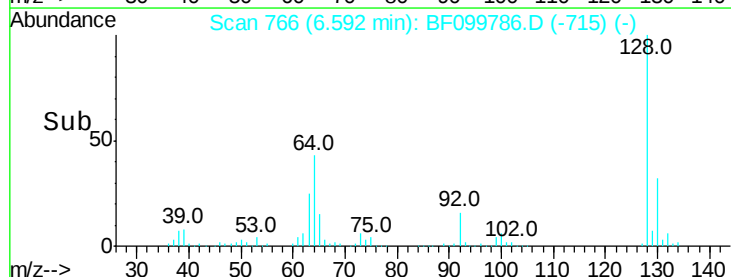
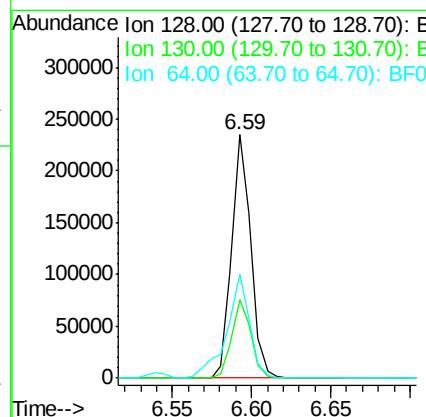
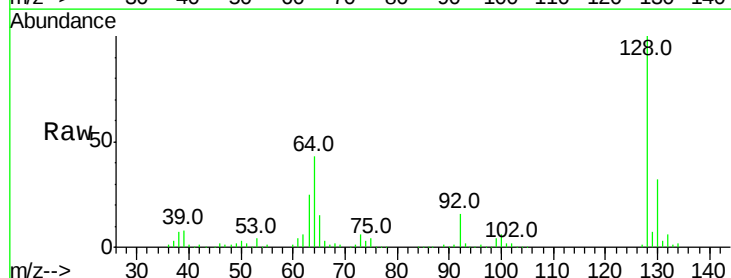
Delta R.T. -0.00 min

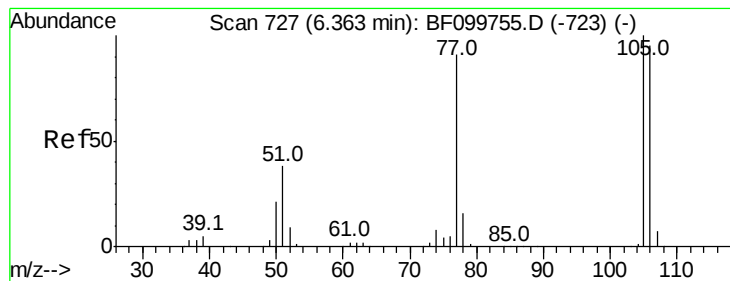
Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion: 128 Resp: 195716

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	42.9	29.4	69.4





#9

Benzaldehyde

Concen: 20.234 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

PB103578BS

Tot Ion: 77 Resp: 110706

Ion Ratio Lower Upper

77 100

105 112.3 81.1 121.1

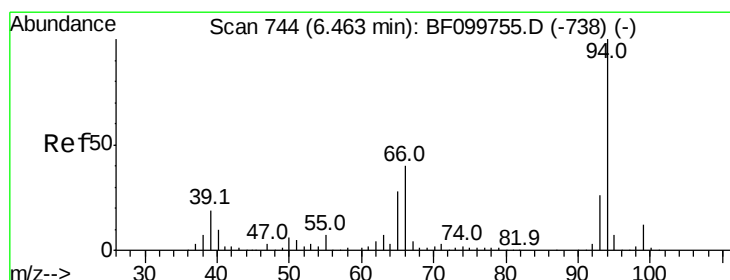
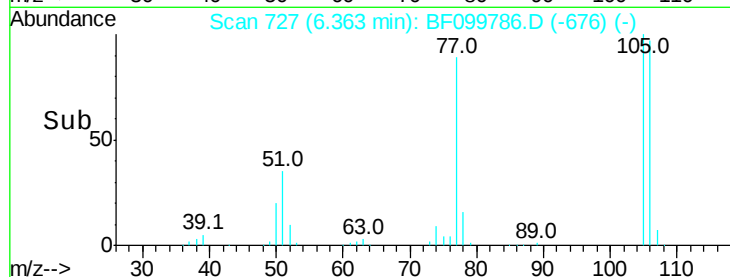
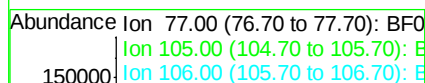
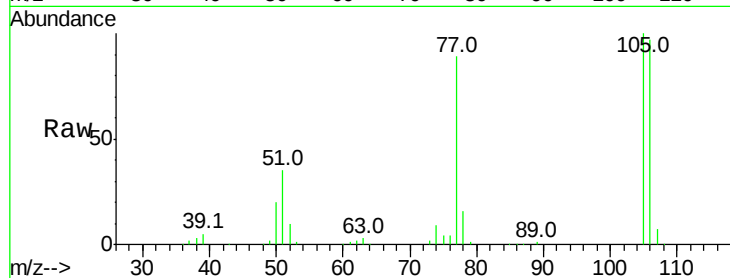
106 108.8 74.5 114.5

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#10

Phenol

Concen: 23.592 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

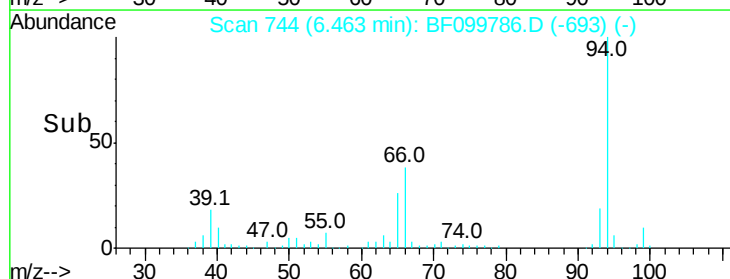
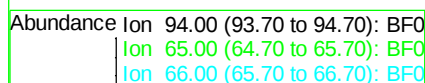
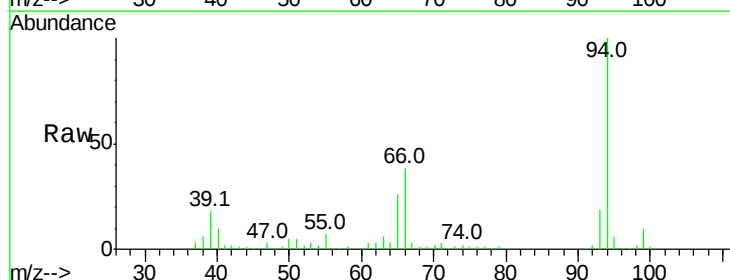
Tgt Ion: 94 Resp: 237161

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 37.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 22.650 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

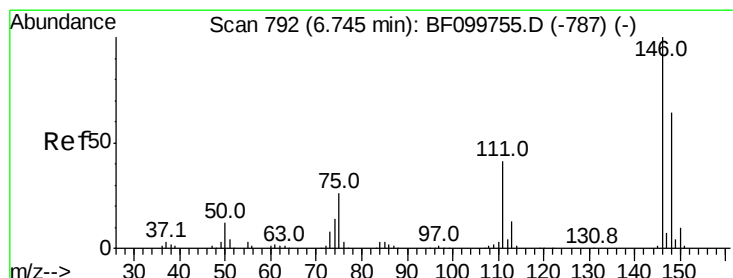
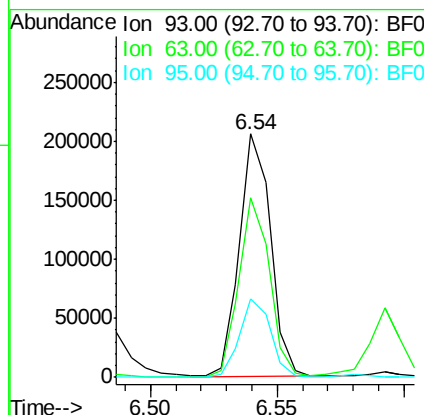
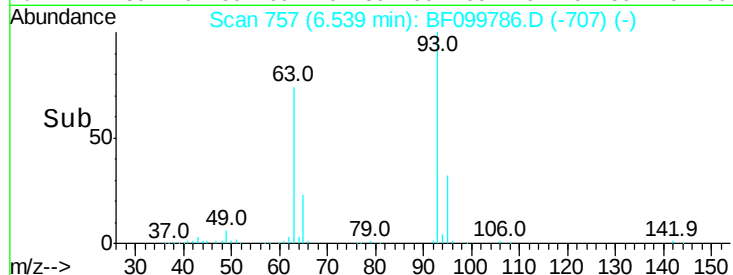
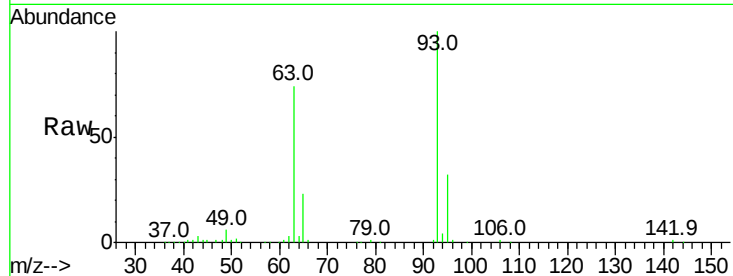
ClientSampled :

PB103578BS

Tot Ion:	93	Resp:	175830
Ion Ratio	Lower	Upper	
93	100		
63	73.8	58.6	98.6
95	32.2	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 22.347 ng

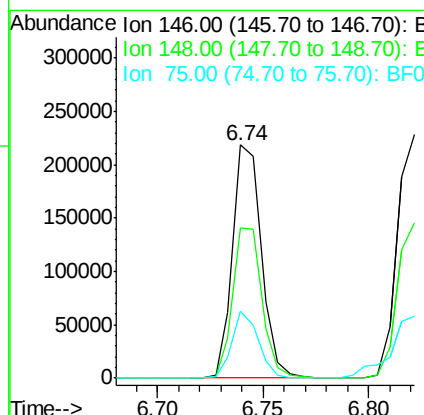
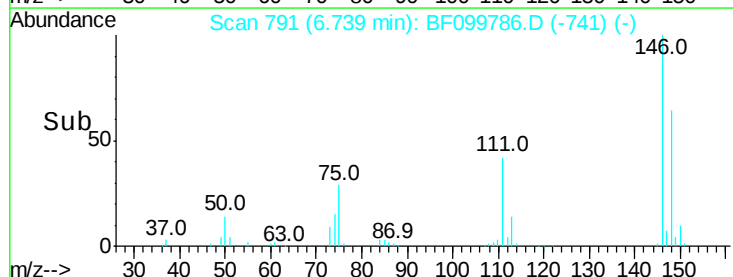
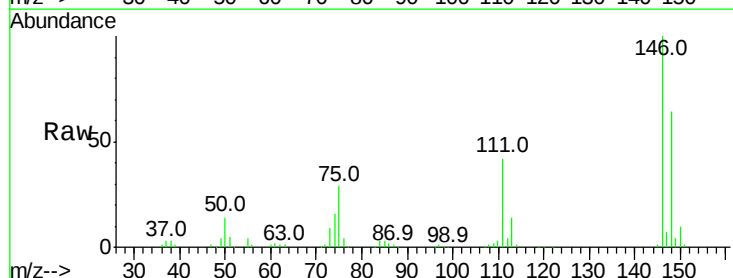
RT: 6.74 min Scan# 791

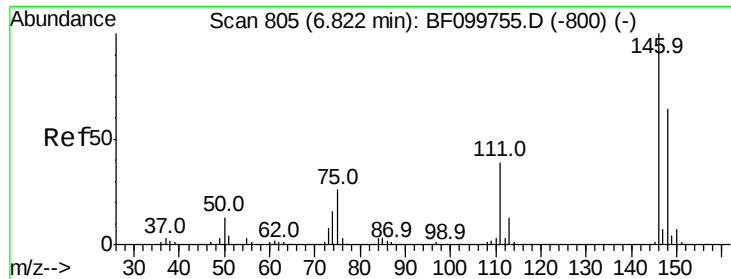
Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	146	Resp:	206499
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	28.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 22.607 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

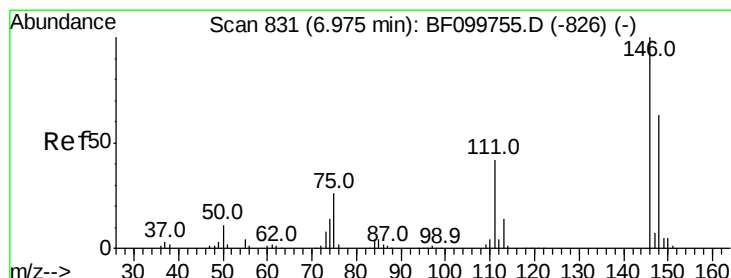
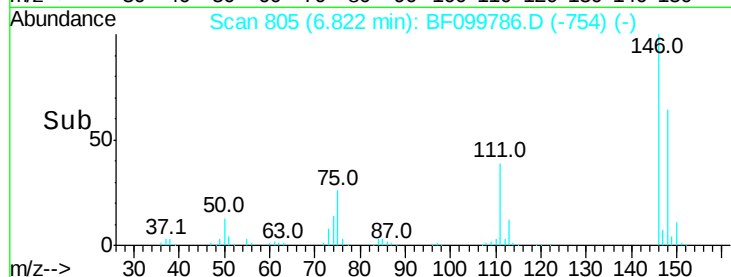
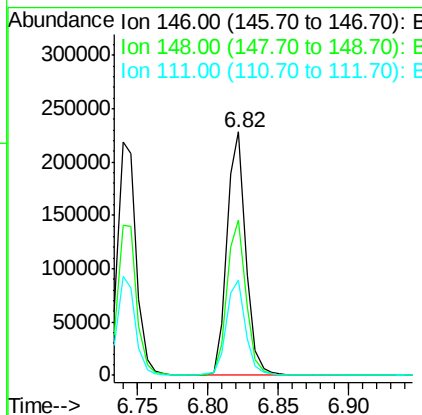
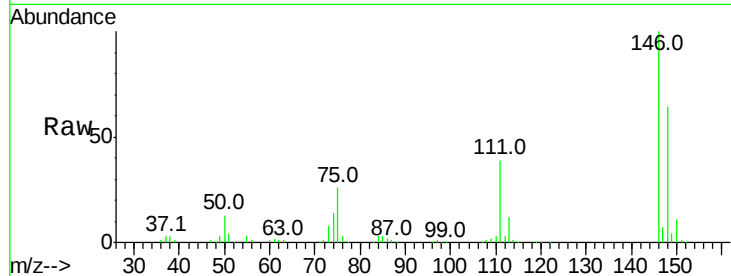
ClientSampleId :

PB103578BS

Tot Ion:	146	Resp:	212015
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	38.9	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 23.292 ng

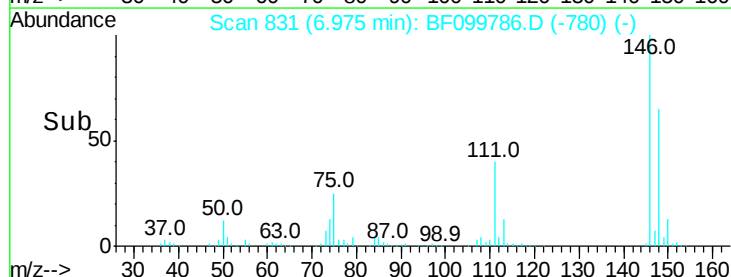
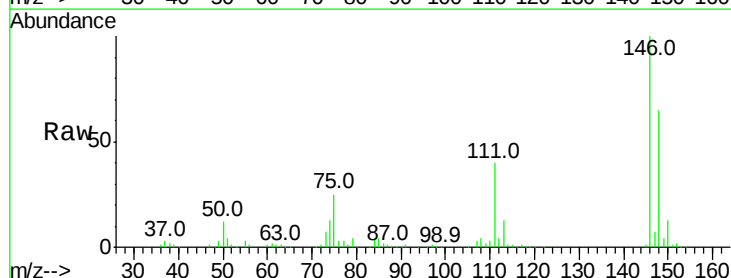
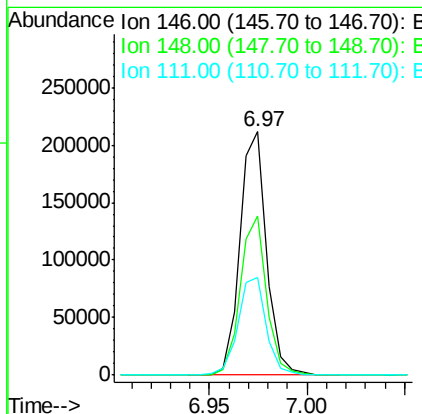
RT: 6.97 min Scan# 831

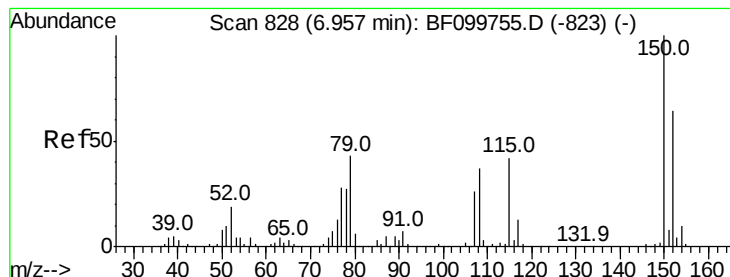
Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	146	Resp:	199082
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	75.8
111	39.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 23.739 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

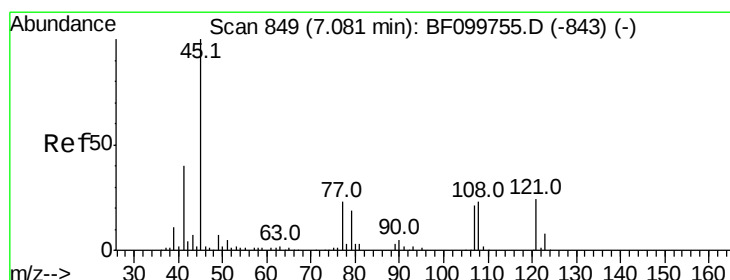
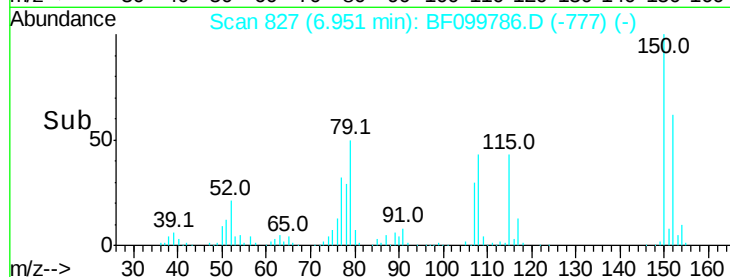
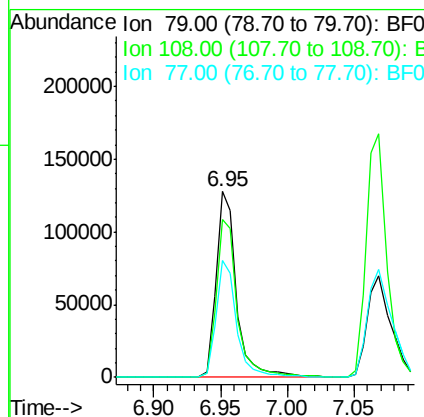
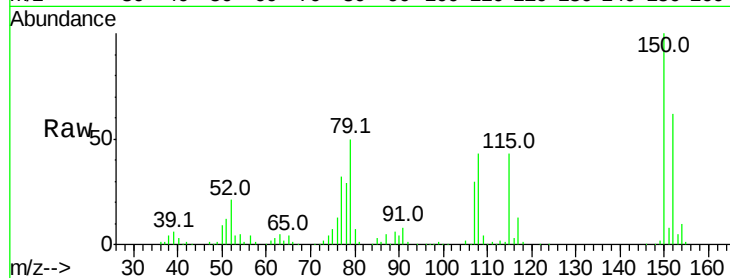
ClientSampled :

PB103578BS

Tot Ion:	79	Resp:	138230
Ion Ratio	Lower	Upper	
79	100		
108	85.2	65.1	97.7
77	63.4	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.285 ng

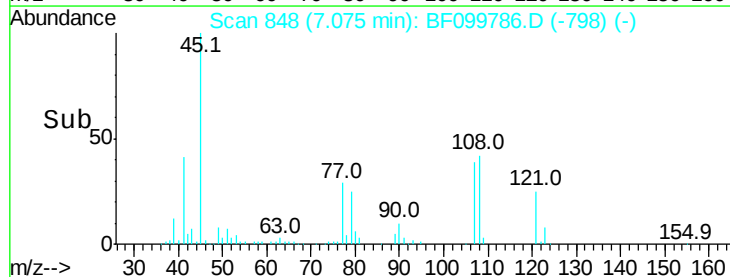
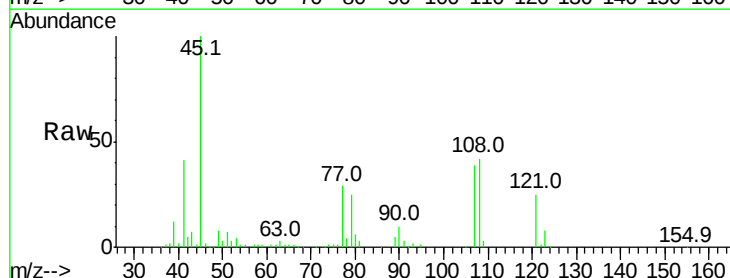
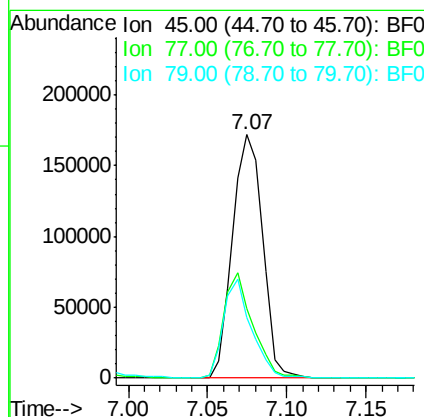
RT: 7.07 min Scan# 848

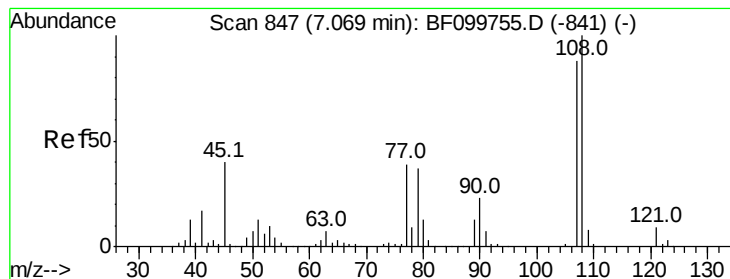
Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	45	Resp:	226661
Ion Ratio	Lower	Upper	
45	100		
77	28.8	0.0	32.9
79	24.9	0.0	29.6





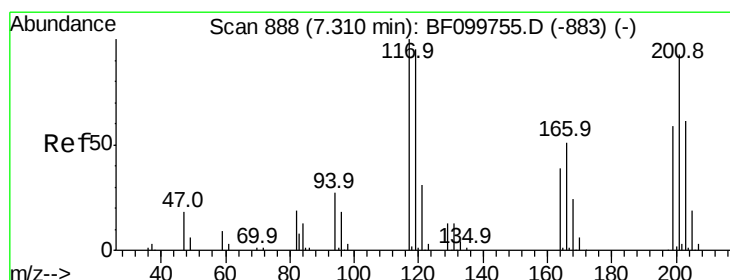
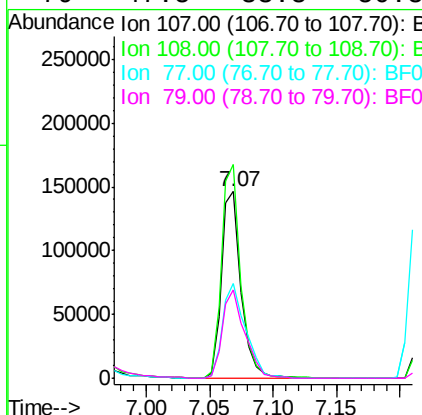
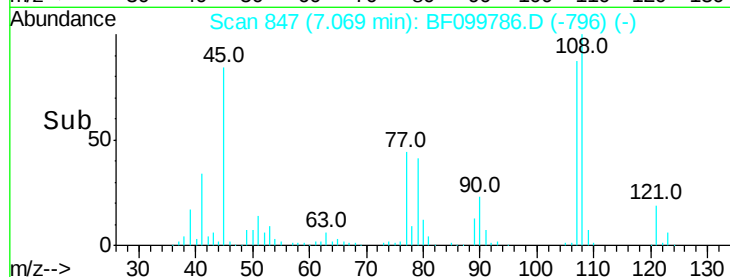
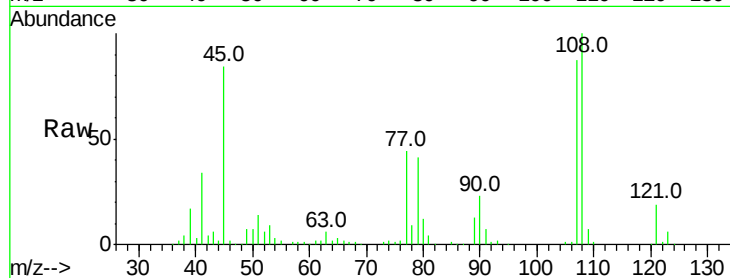
#17
2-Methylphenol
Concen: 23.036 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.7	137.5
77	50.9	33.8	50.8#
79	47.5	33.8	50.8

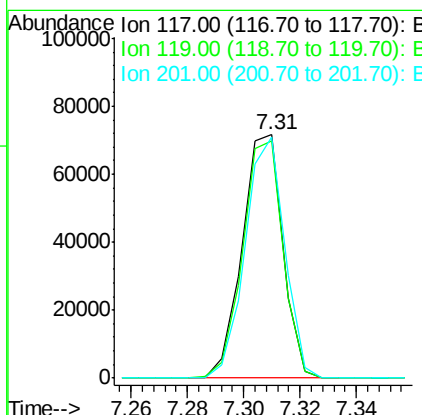
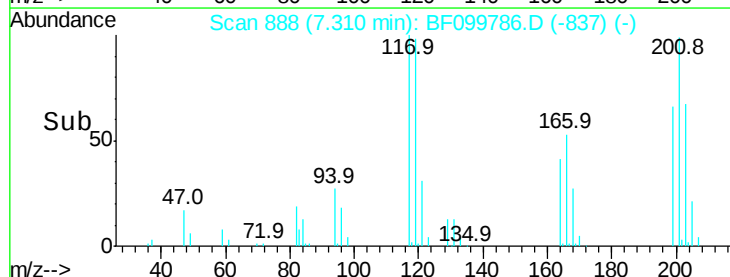
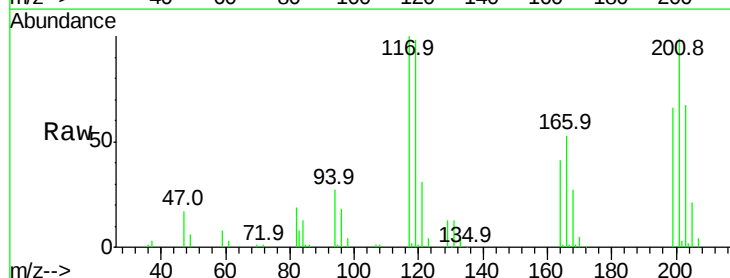
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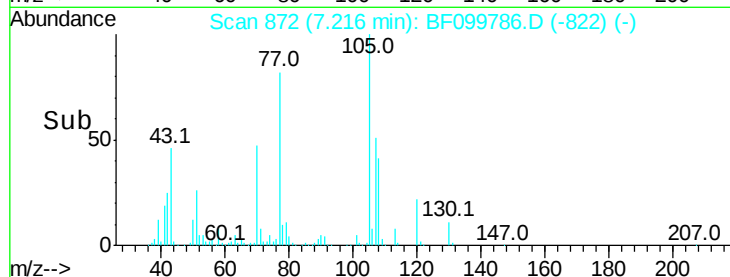
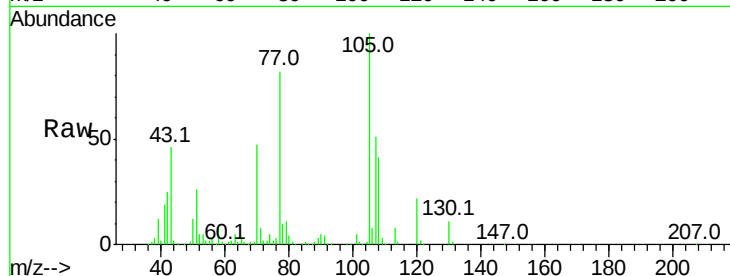
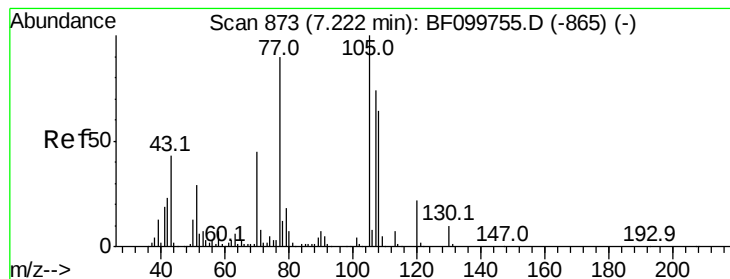
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#18
Hexachloroethane
Concen: 22.892 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	99.1	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 22.550 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

PB103578BS

Tot Ion: 70 Resp: 120992

Ion Ratio Lower Upper

70 100

42 52.5 47.5 71.3

101 10.0 7.4 11.2

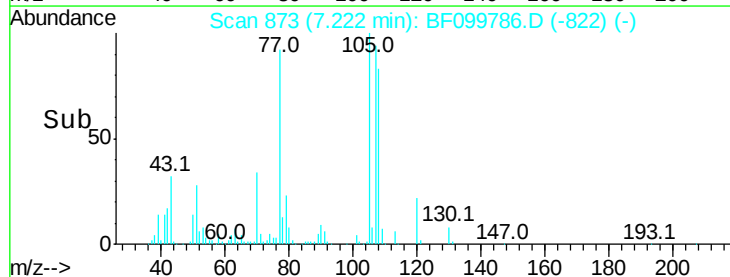
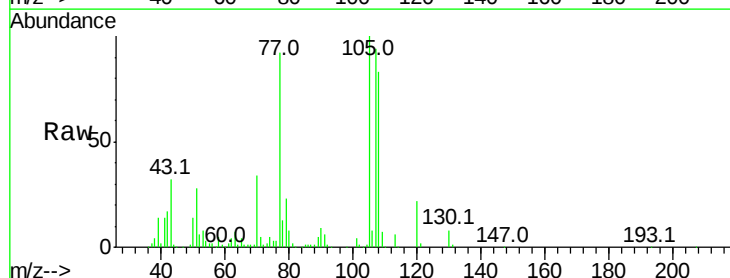
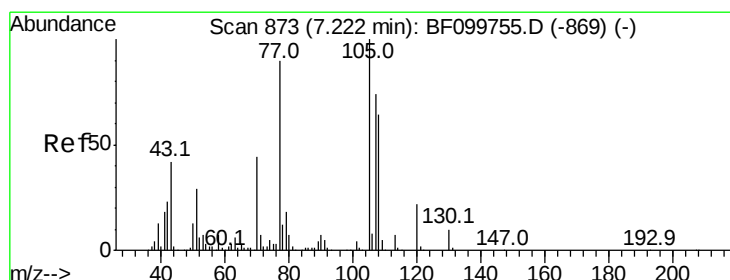
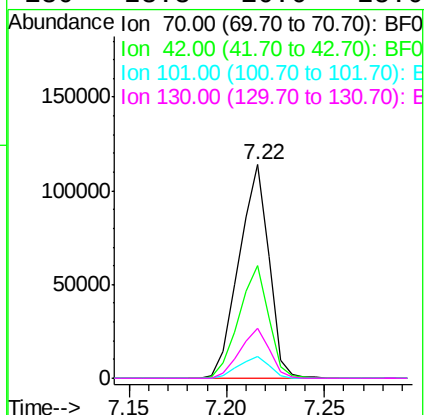
130 23.3 16.6 25.0

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#20

3+4-Methylphenols

Concen: 25.340 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion: 107 Resp: 203116

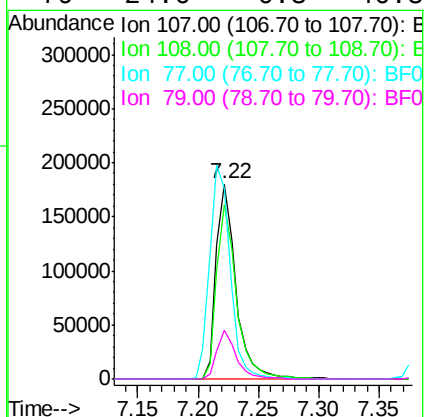
Ion Ratio Lower Upper

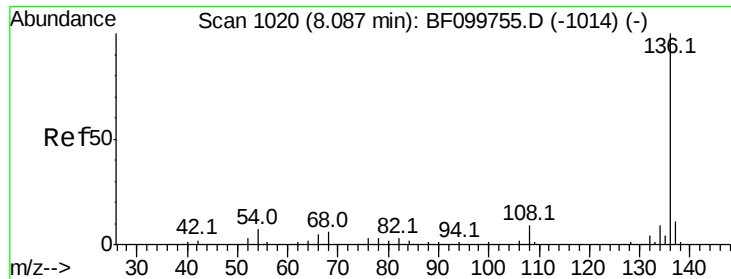
107 100

108 88.9 68.2 108.2

77 98.0 26.7 66.7#

79 24.6 6.3 46.3





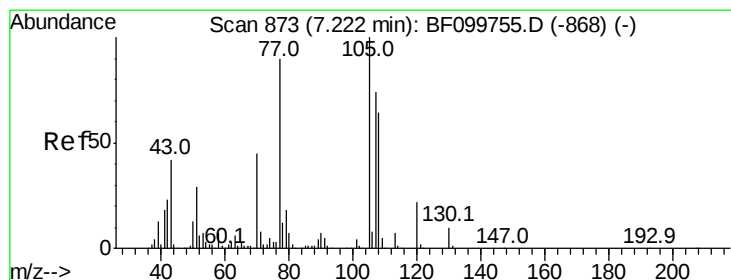
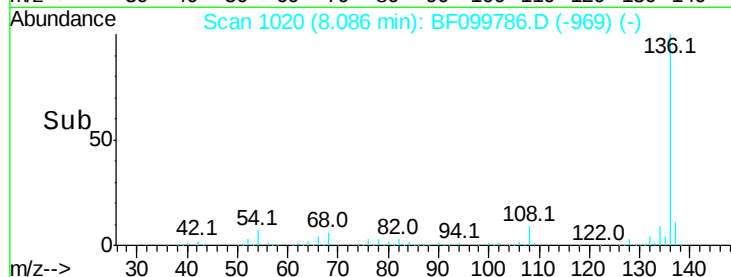
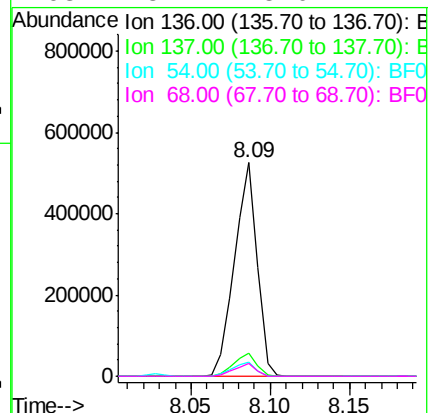
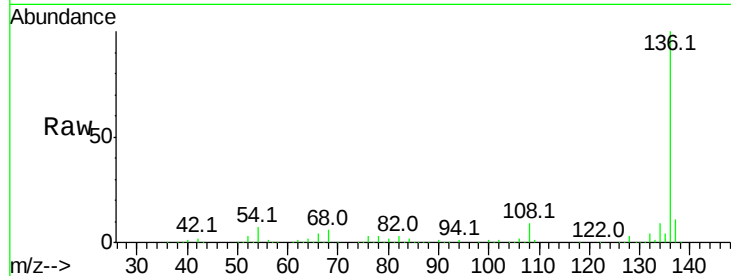
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.5	6.6	9.8	
68	5.7	5.0	7.4	

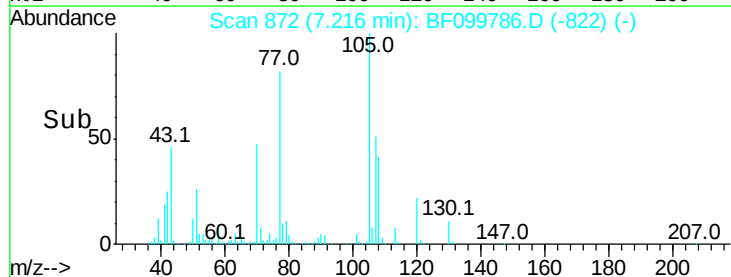
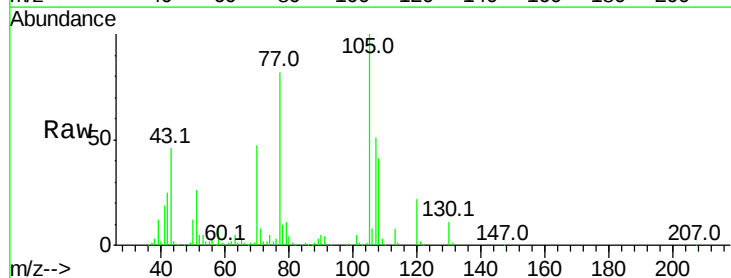
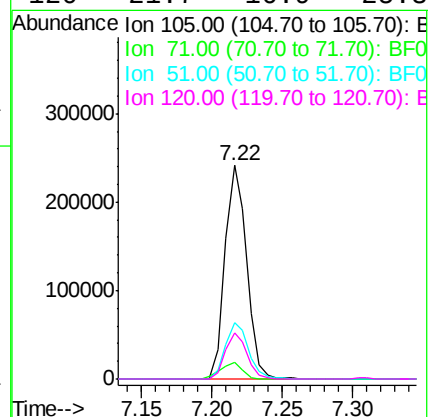
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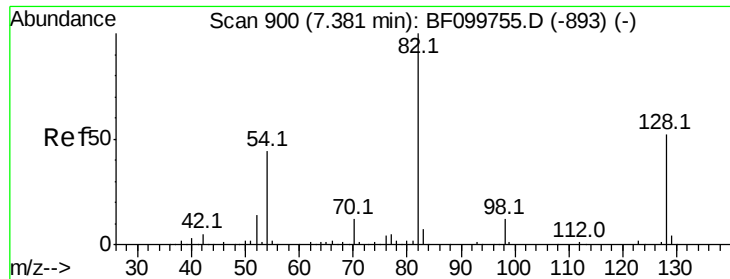
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#22
Acetophenone
Concen: 21.676 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6	
51	26.4	22.3	33.5	
120	21.7	16.9	25.3	





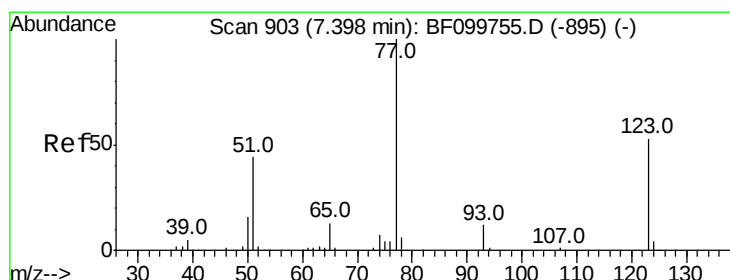
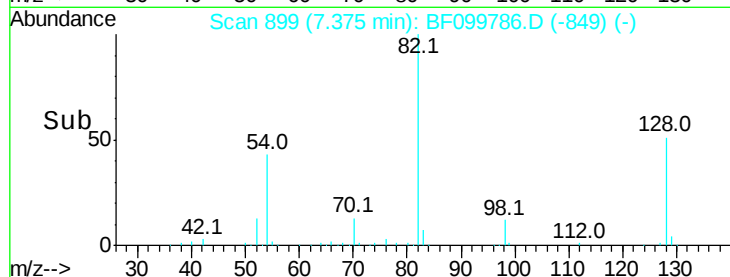
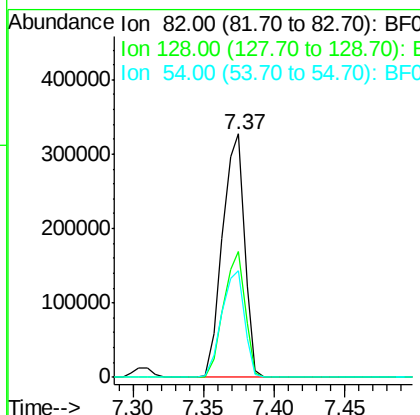
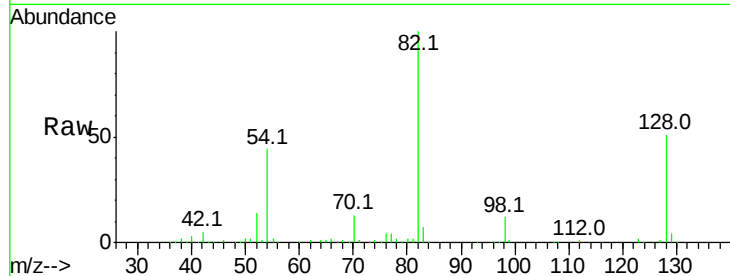
#23
 Nitrobenzene-d5
 Concen: 44.140 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleID :
 PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.4	36.1	54.1	
54	43.7	41.4	62.2	

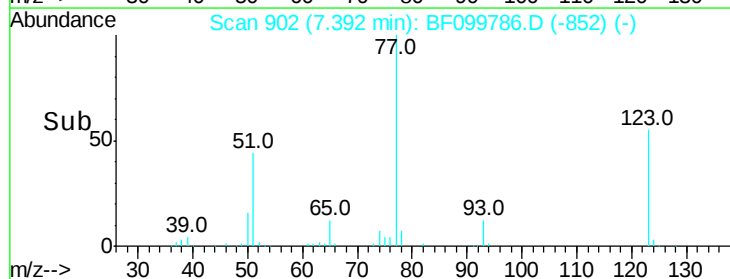
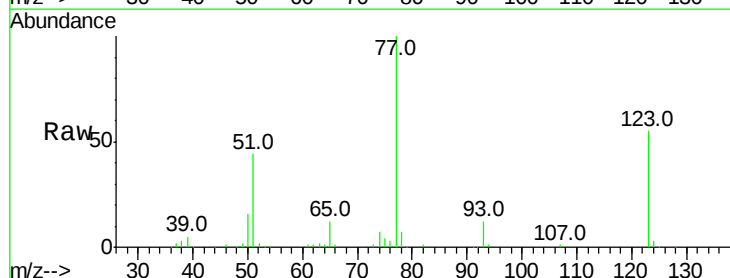
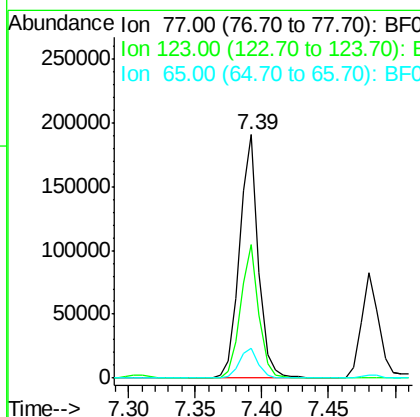
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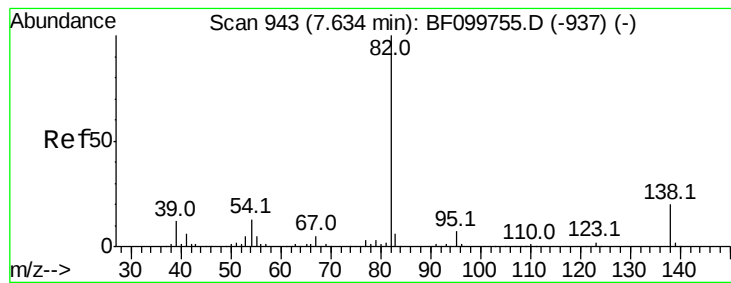
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#24
 Nitrobenzene
 Concen: 22.942 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.7	37.9	56.9	
65	12.2	11.0	16.4	





#25

Isophorone

Concen: 23.950 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

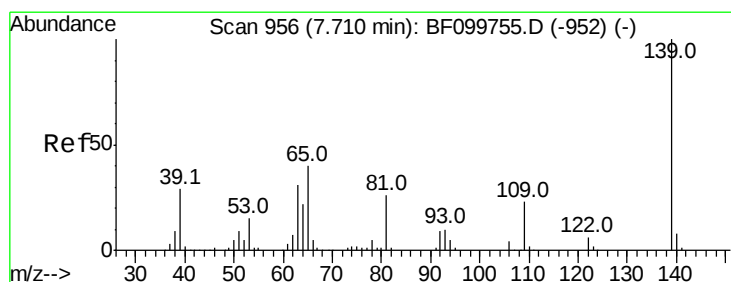
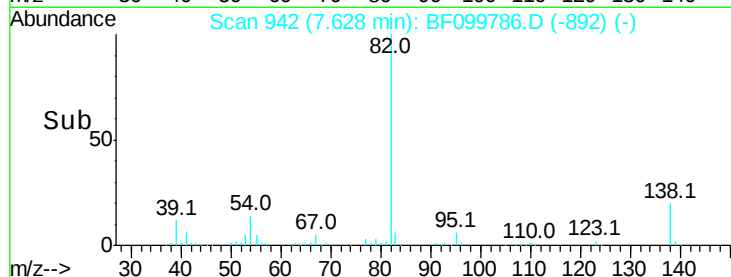
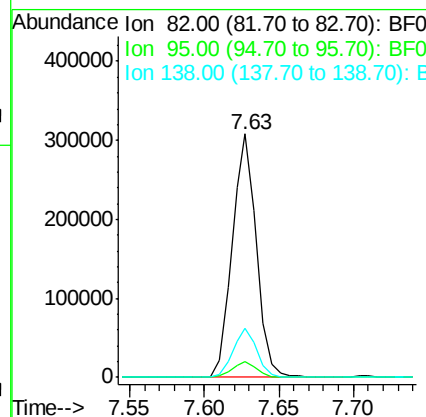
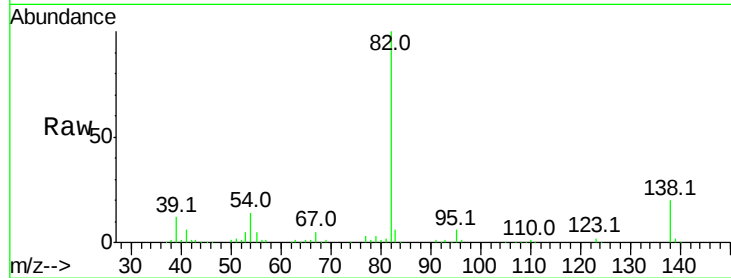
ClientSampleId :

PB103578BS

Tot Ion:	82	Resp:	351044
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	20.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 23.575 ng

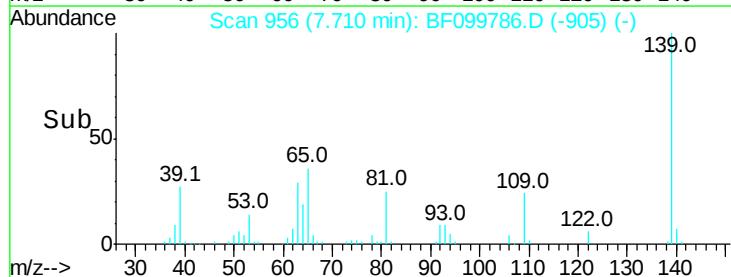
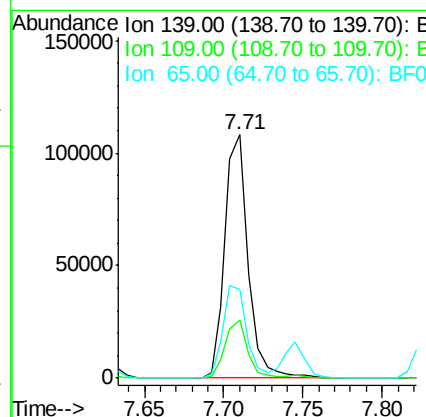
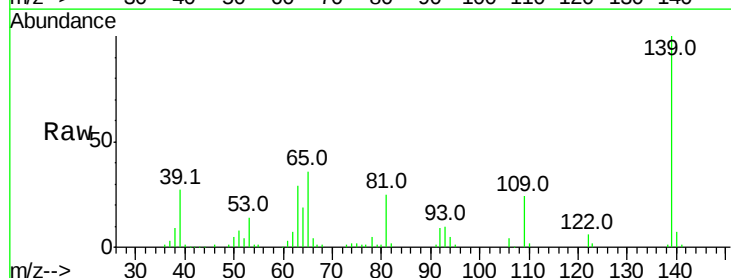
RT: 7.71 min Scan# 956

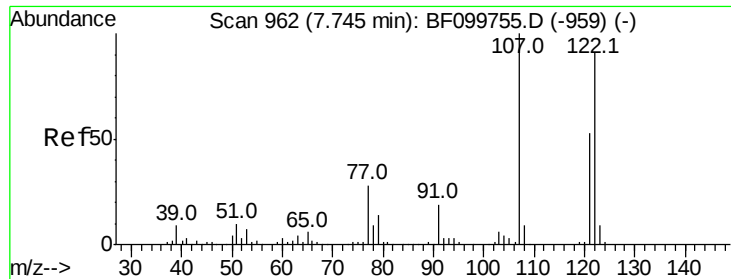
Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	139	Resp:	109900
Ion Ratio		Lower	Upper
139	100		
109	23.7	22.7	34.1
65	36.3	40.5	60.7#





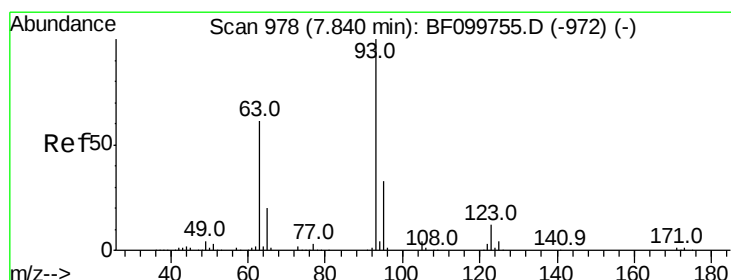
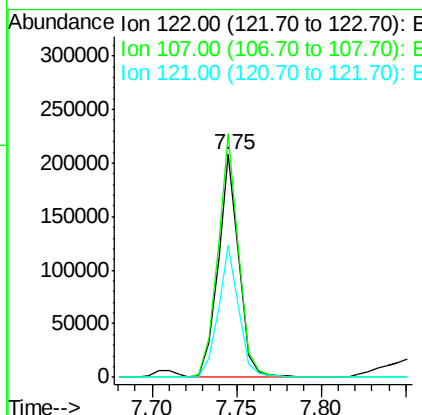
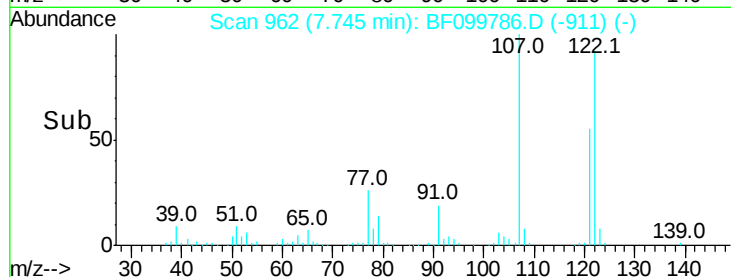
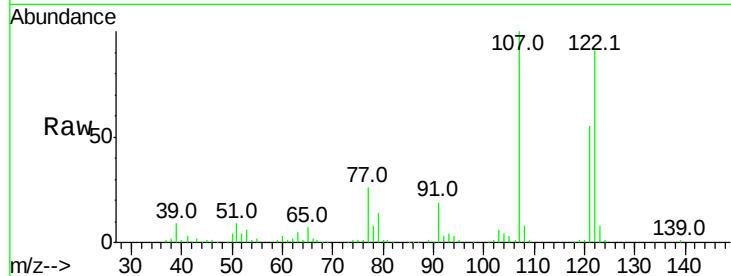
#27
2,4-Dimethylphenol
Concen: 25.766 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	91.2	136.8
121	59.6	47.2	70.8

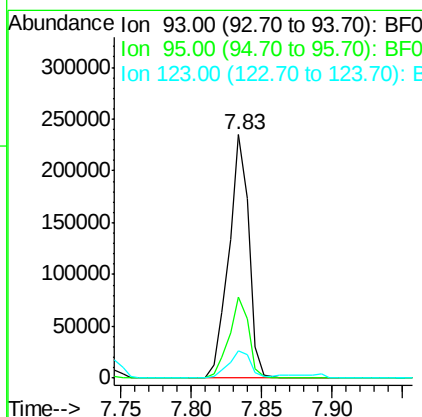
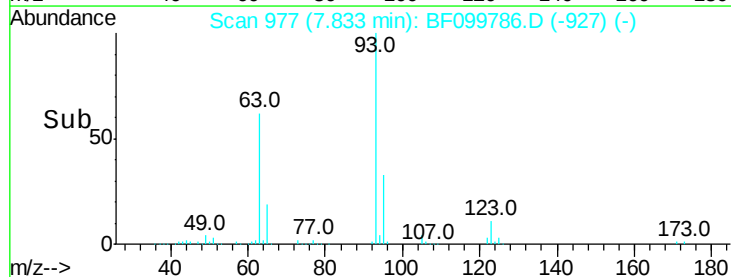
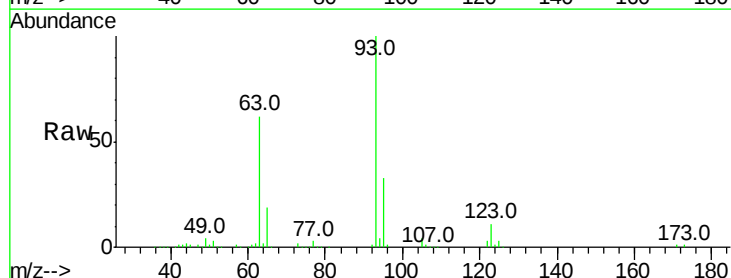
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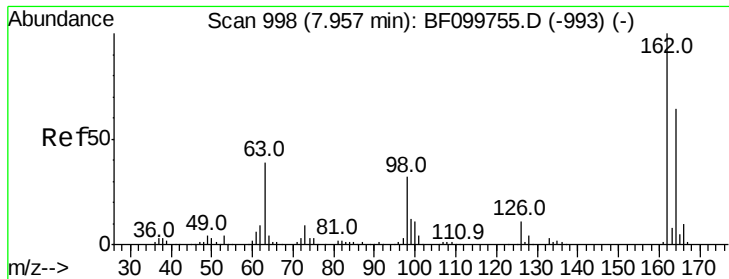
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 22.534 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.4	9.8	14.6





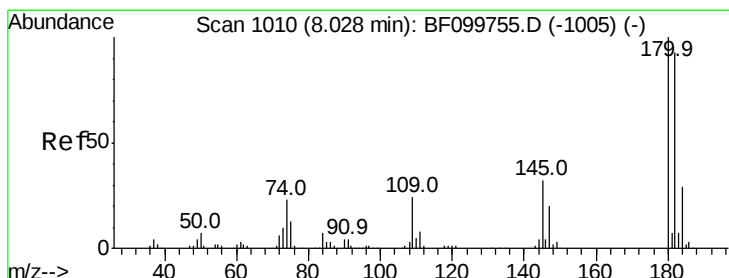
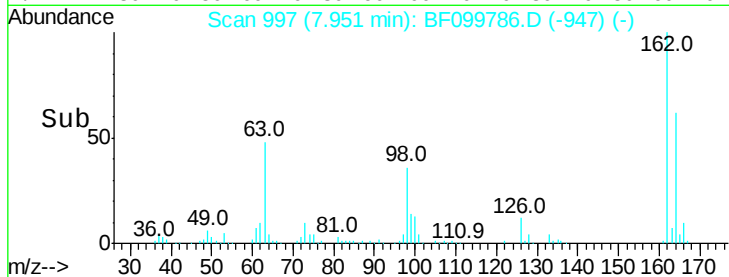
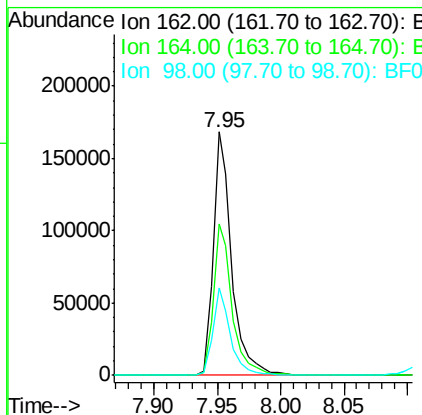
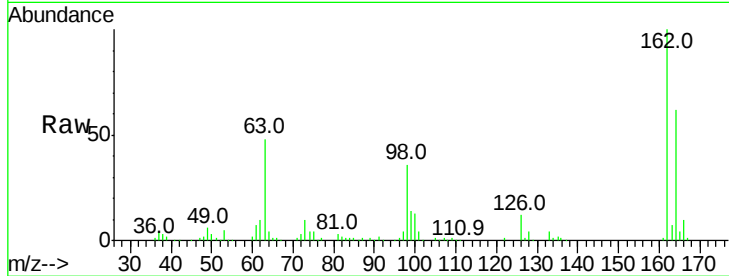
#29
 2,4-Dichlorophenol
 Concen: 24.063 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	42.7	82.7
98	35.9	18.1	58.1

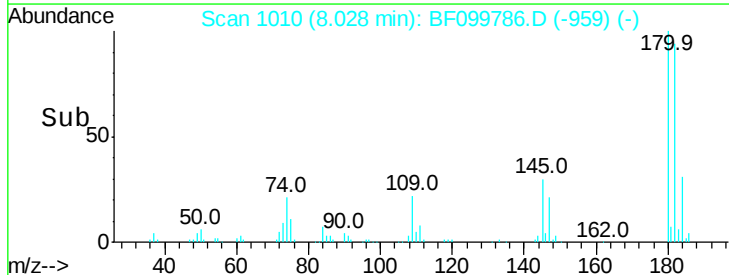
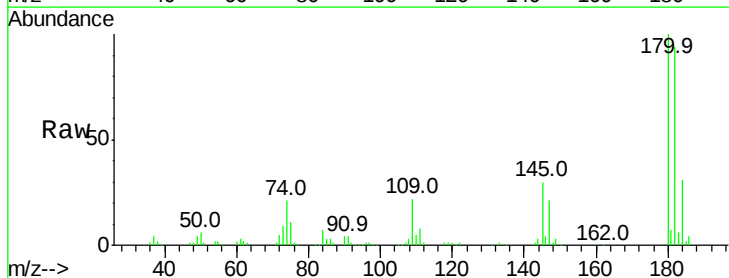
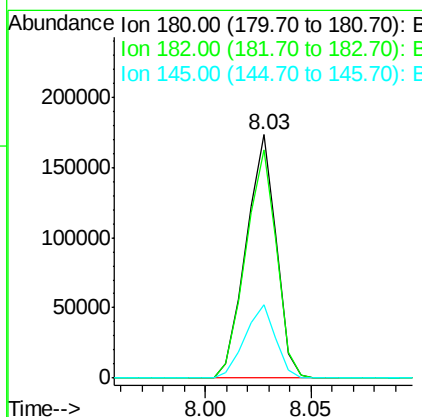
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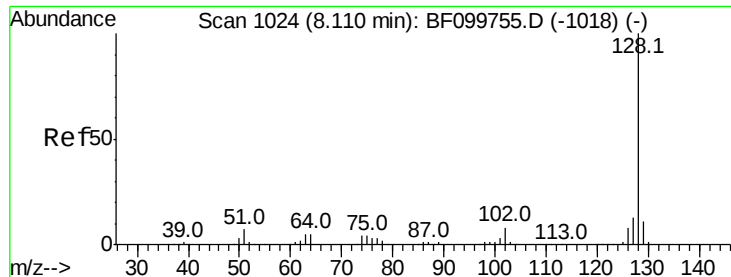
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#30
 1,2,4-Trichlorobenzene
 Concen: 22.483 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	76.8	115.2
145	30.0	26.5	39.7





#31

Naphthalene

Concen: 22.548 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

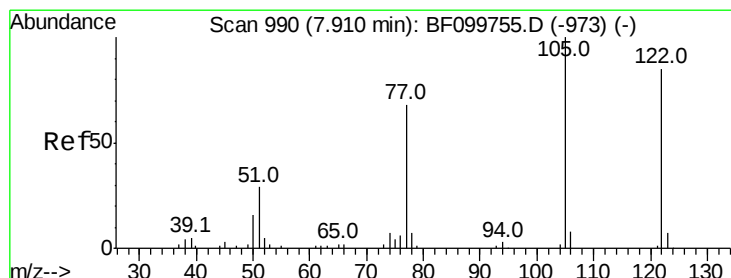
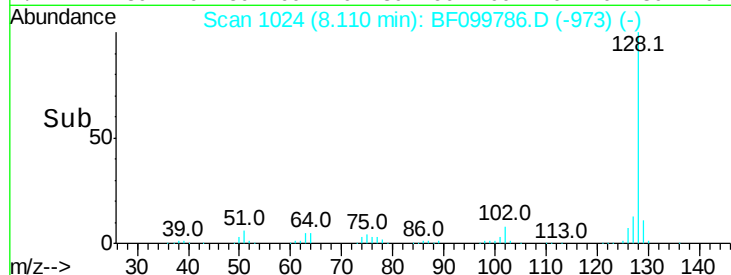
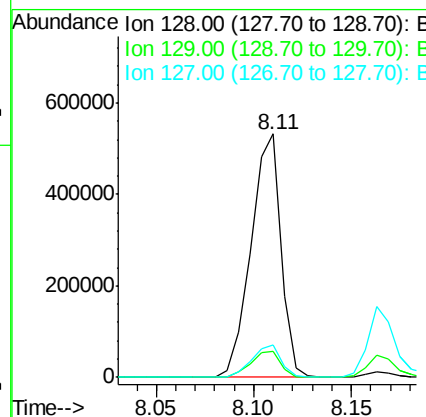
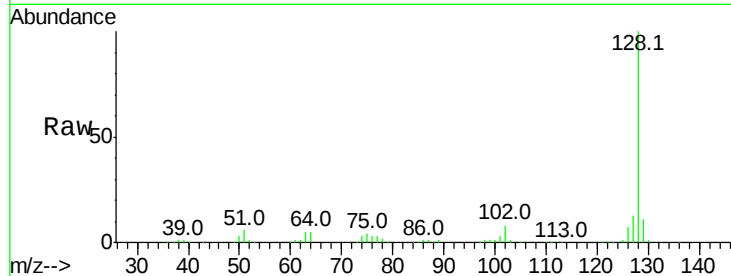
ClientSampleId :

PB103578BS

Tot Ion:128	Resp:	566010
Ion Ratio	Lower	Upper
128 100		
129 10.8	8.8	13.2
127 13.4	10.9	16.3

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#32

Benzoic acid

Concen: 17.923 ng

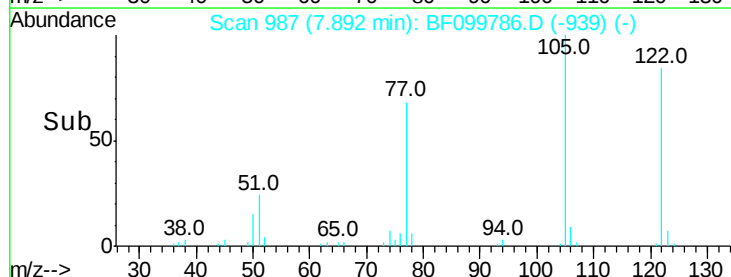
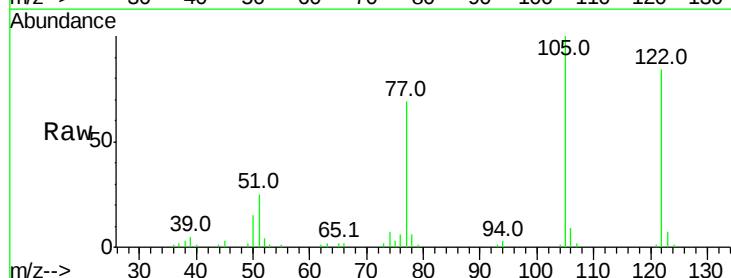
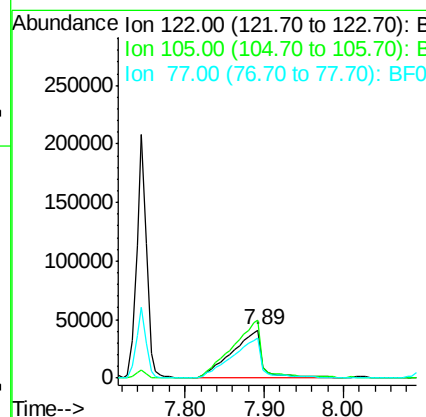
RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:122	Resp:	108359
Ion Ratio	Lower	Upper
122 100		
105 119.3	101.1	141.1
77 82.6	70.7	110.7





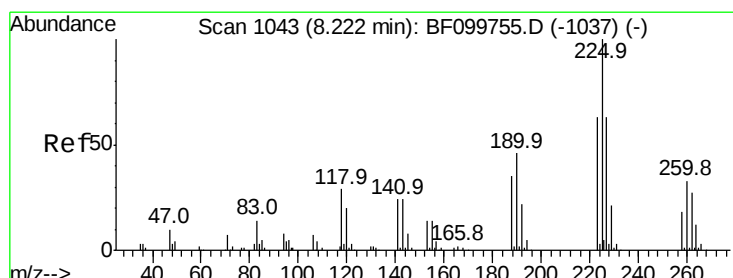
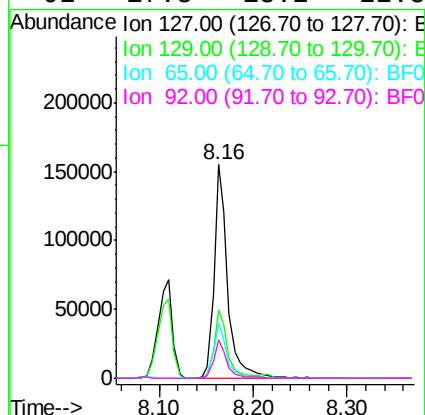
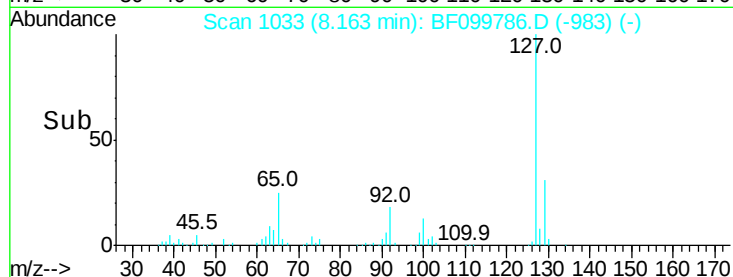
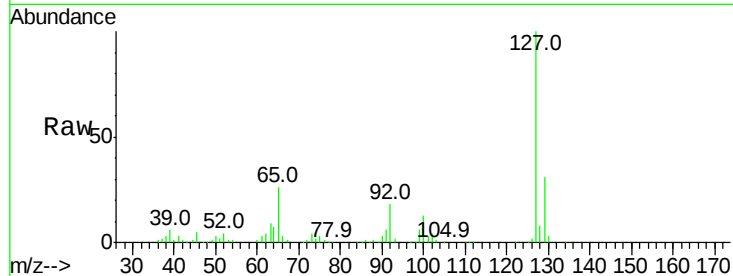
#33
4-Chloroaniline
Concen: 15.254 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.9	38.9	
65	25.5	25.0	37.4	
92	17.8	15.2	22.8	

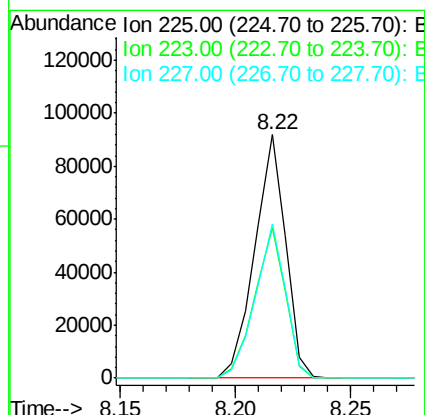
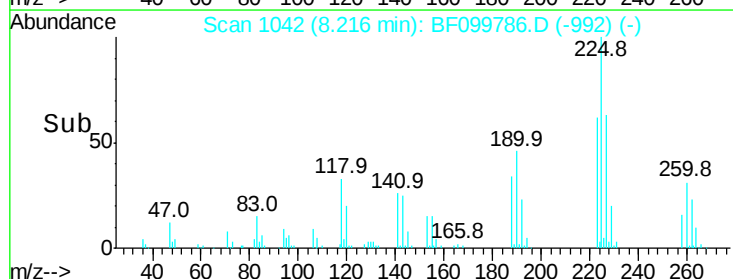
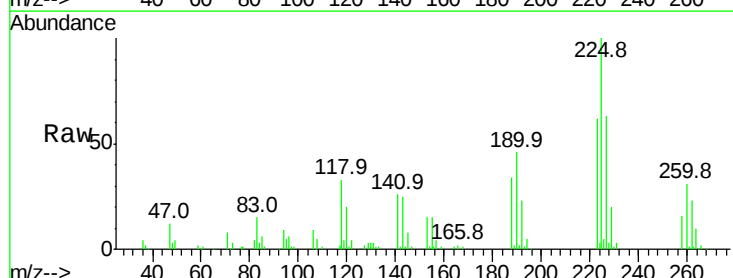
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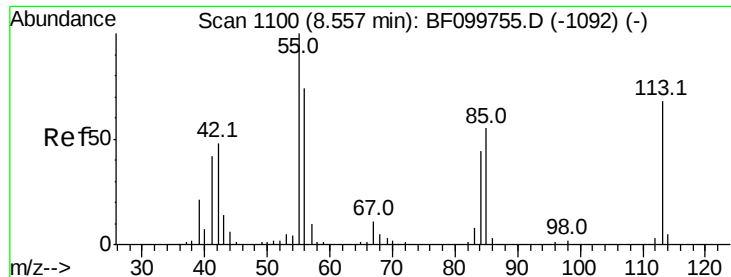
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#34
Hexachlorobutadiene
Concen: 21.848 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.6	76.0	
227	63.3	51.9	77.9	





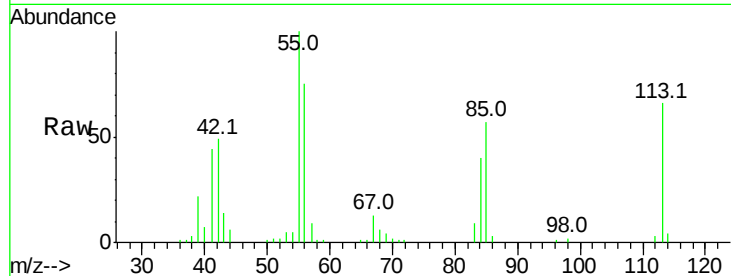
#35
Caprolactam
Concen: 24.840 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleID :
PB103578BS

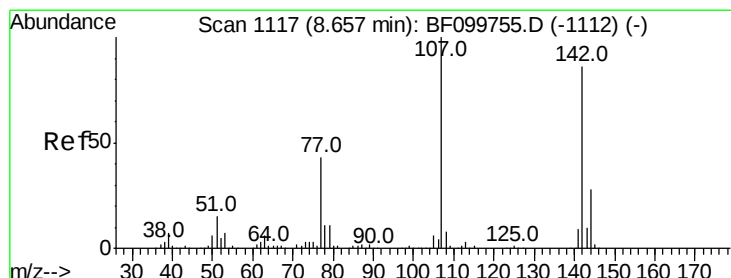
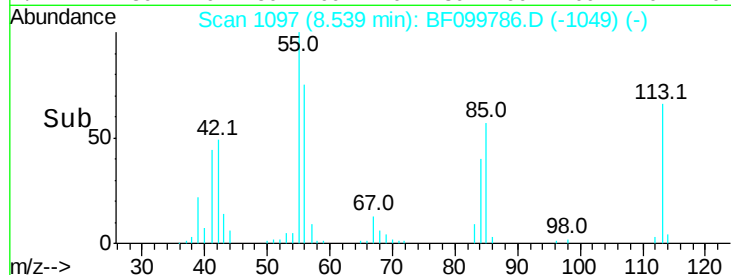
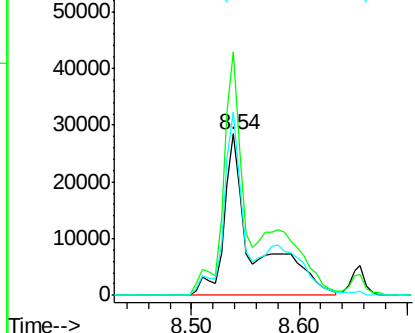
Tot Ion:113 Resp: 55736
Ion Ratio Lower Upper
113 100
55 150.7 163.3 203.3#
56 113.4 115.7 155.7#

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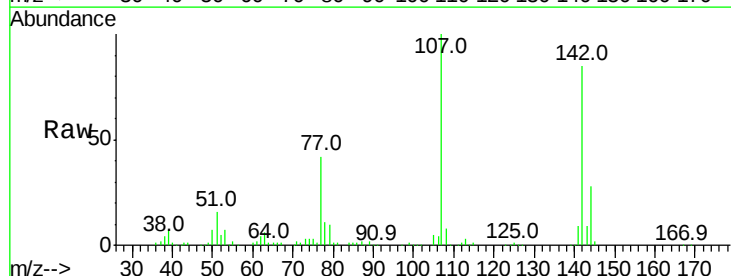


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

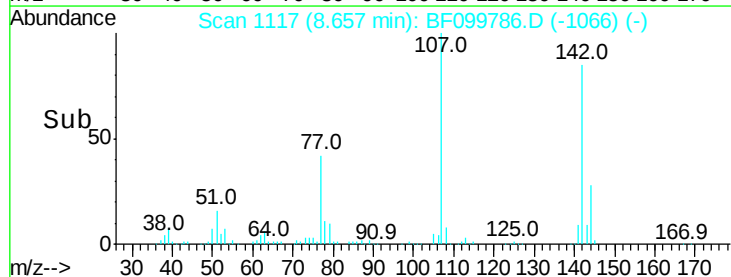
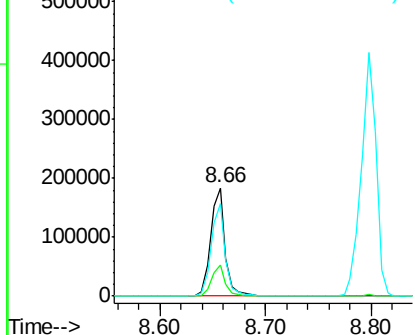


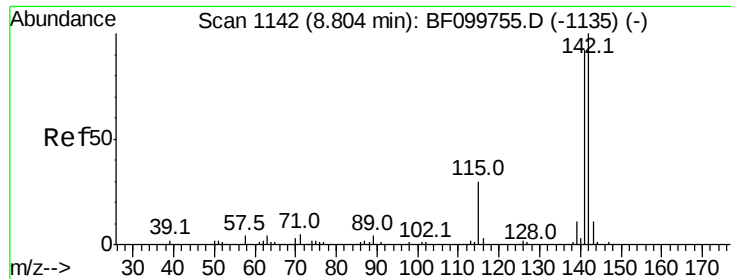
#36
4-Chloro-3-methylphenol
Concen: 24.091 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:107 Resp: 175450
Ion Ratio Lower Upper
107 100
144 28.4 20.5 30.7
142 85.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





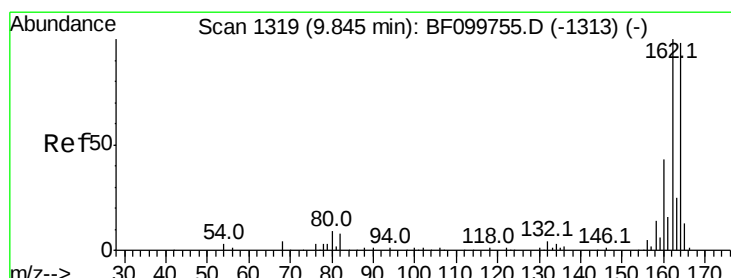
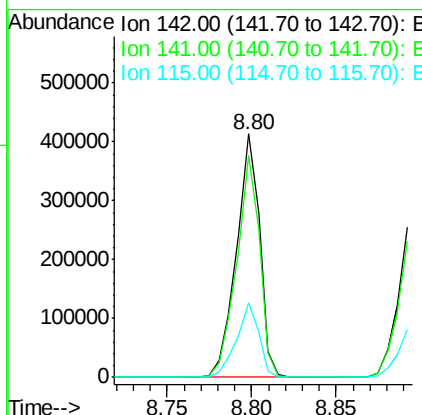
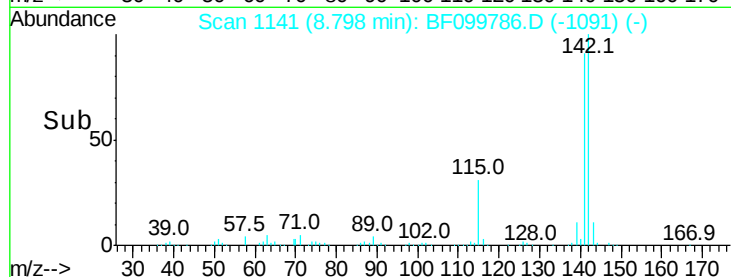
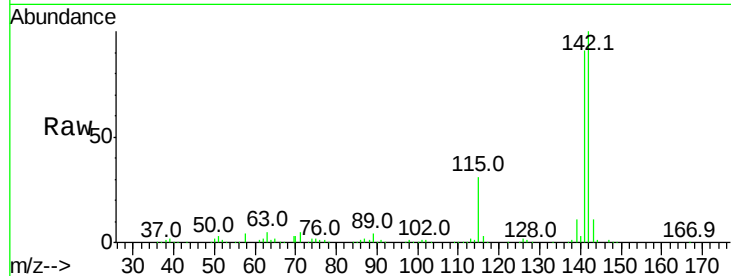
#37
2-Methylnaphthalene
Concen: 23.551 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleID :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	396192		
141	91.0	70.8	106.2	
115	30.6	26.1	39.1	

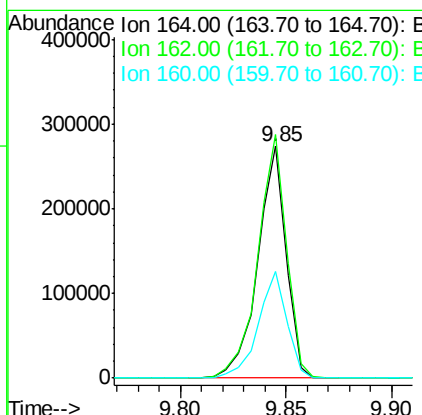
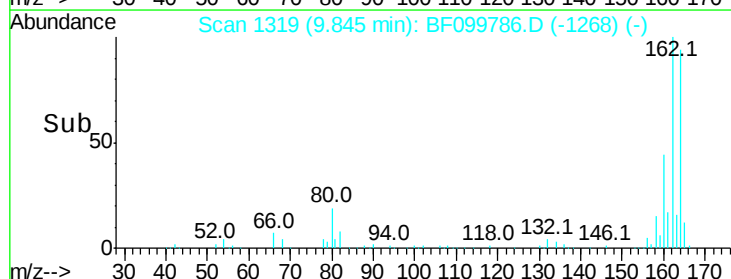
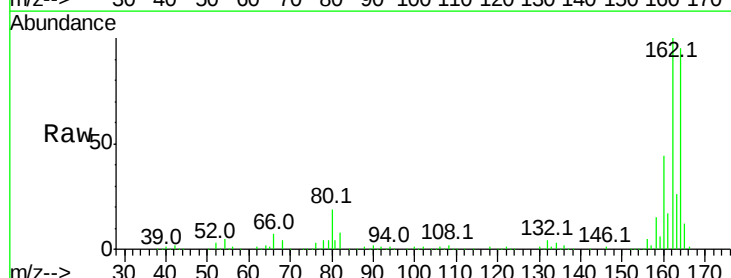
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256515		
162	105.0	86.1	129.1	
160	46.1	38.3	57.5	





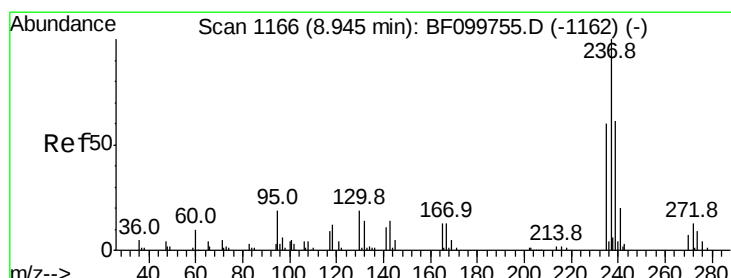
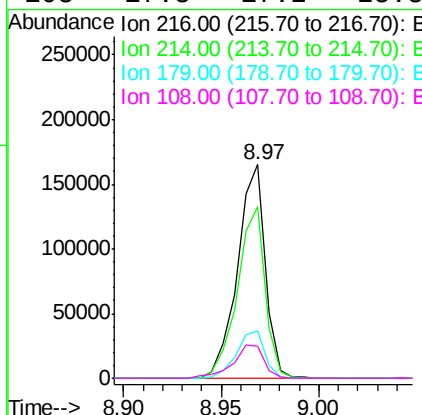
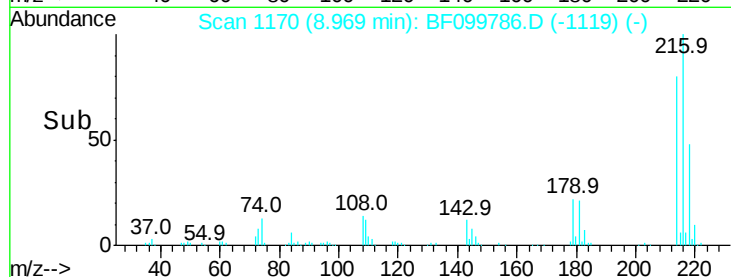
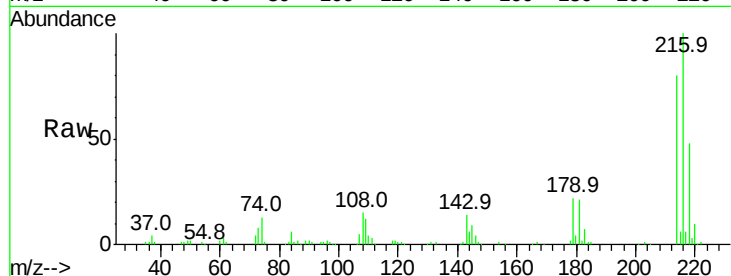
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.743 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	163570		
214	79.9	63.0	94.4	
179	22.5	18.1	27.1	
108	17.8	17.2	25.8	

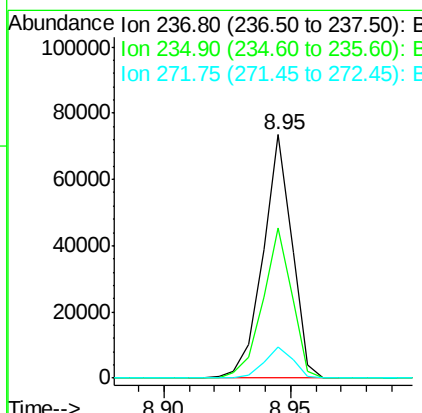
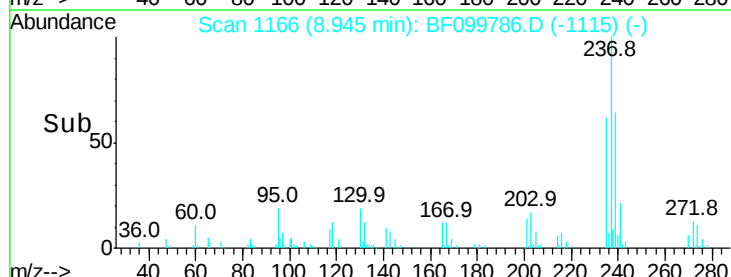
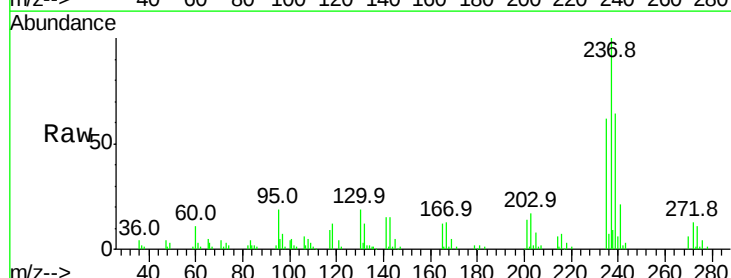
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#40
 Hexachlorocyclopentadiene
 Concen: 44.053 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	58914		
235	61.9	44.8	84.8	
272	12.9	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 63.811 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

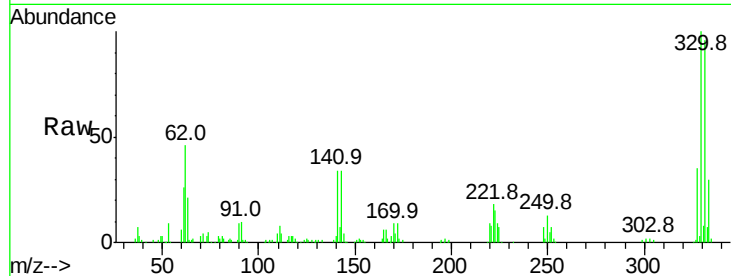
ClientSampleId :

PB103578BS

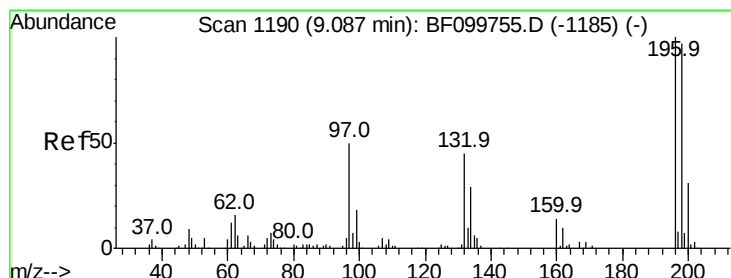
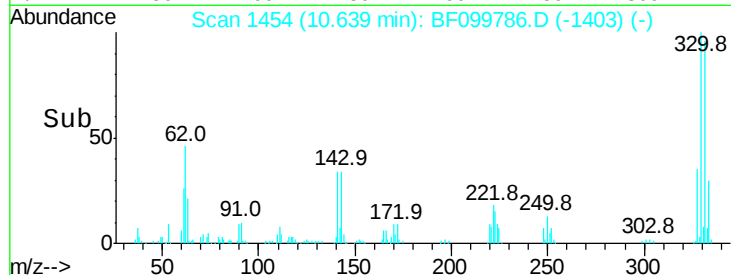
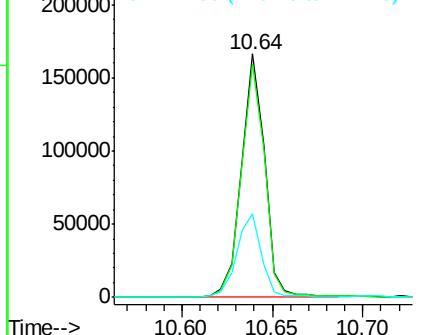
Tot Ion:	330	Resp:	149169
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.0	115.6
141	36.6	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 22.656 ng

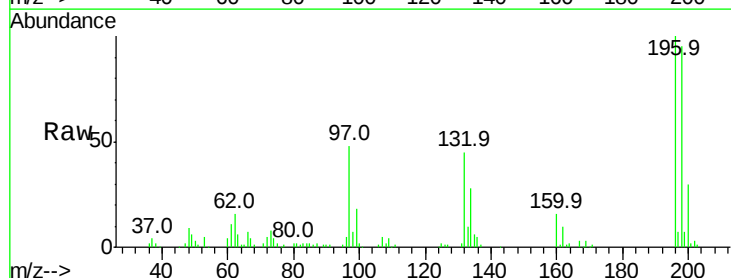
RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

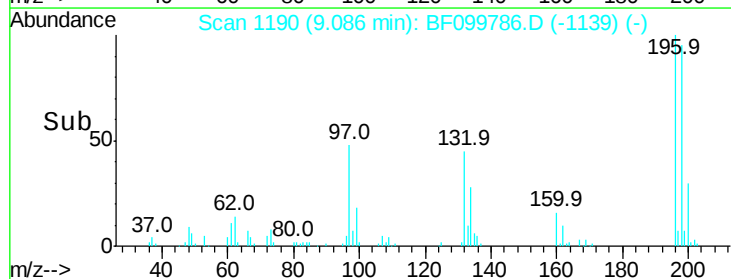
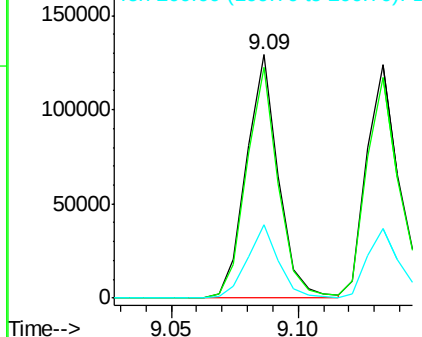
Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	196	Resp:	113537
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.7	113.5
200	30.2	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





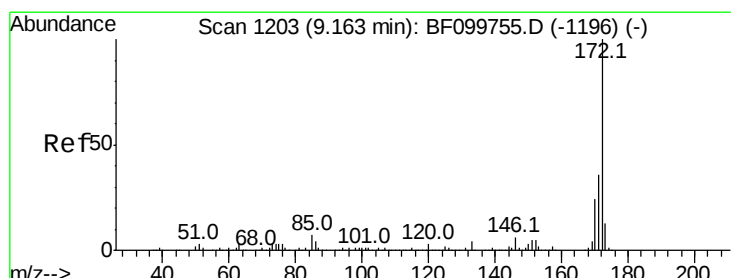
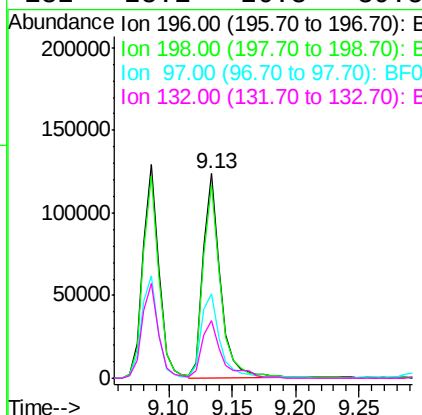
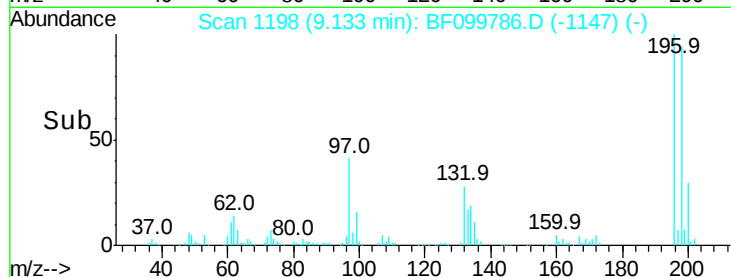
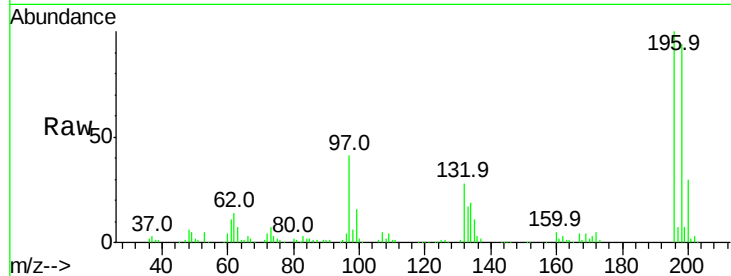
#43
 2,4,5-Trichlorophenol
 Concen: 22.078 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

Tot Ion:	196	Resp:	117408
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	41.2	42.9	64.3#
132	28.1	26.3	39.5

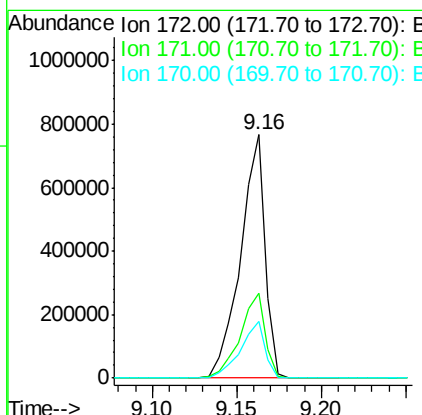
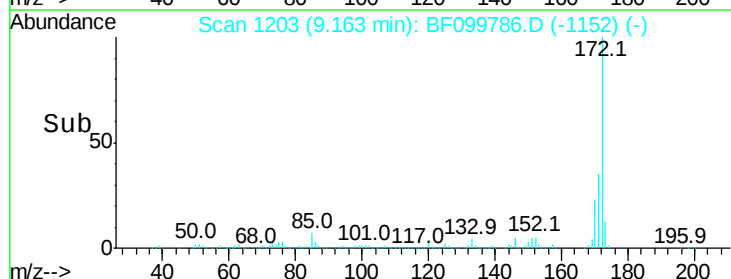
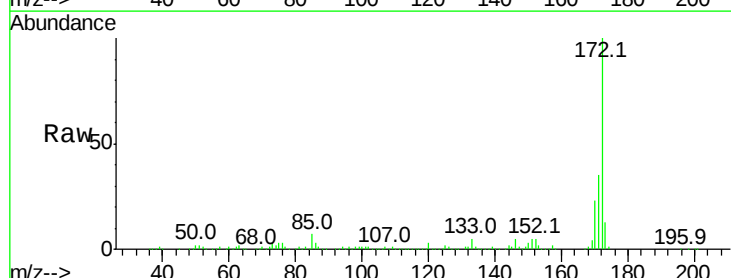
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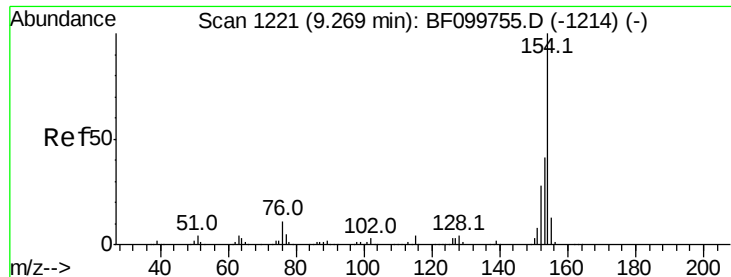
Sohil
 10/25/2017 6:25:14 PM



#44
 2-Fluorobiphenyl
 Concen: 46.784 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:	172	Resp:	777836
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	23.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 20.358 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

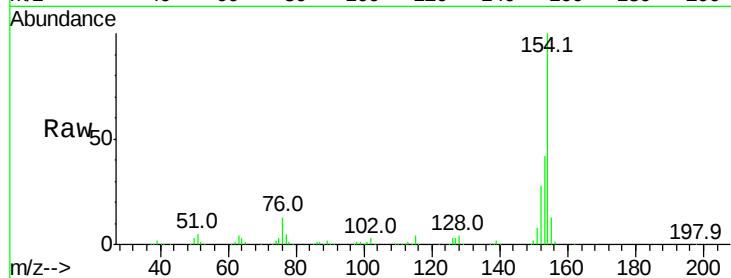
ClientSampleId :

PB103578BS

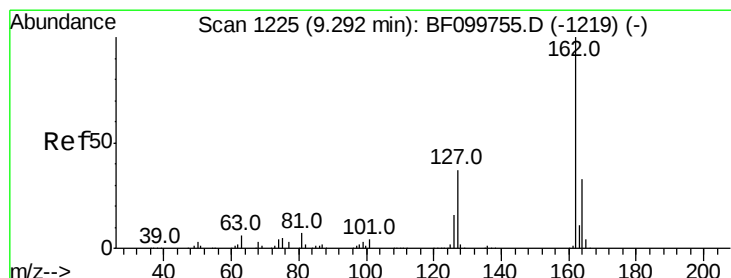
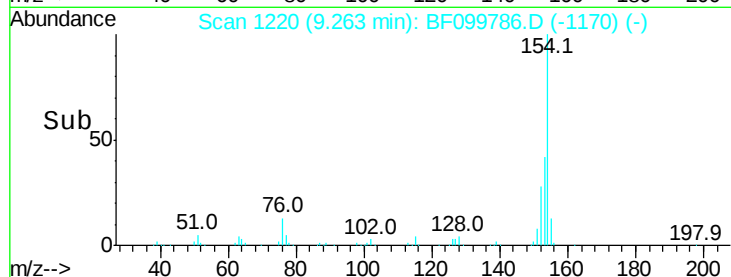
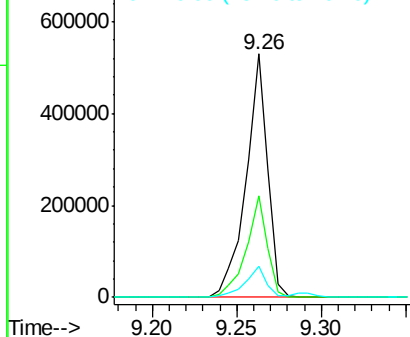
Tot Ion:	154	Resp:	472414
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	12.7	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 21.932 ng

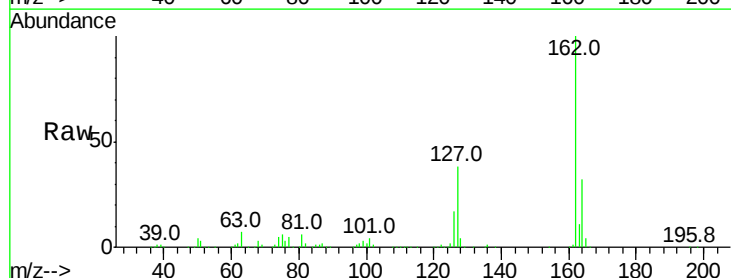
RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

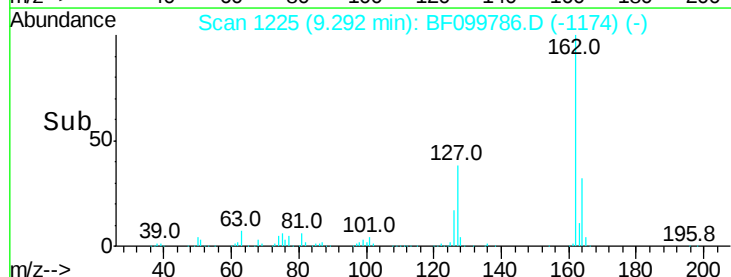
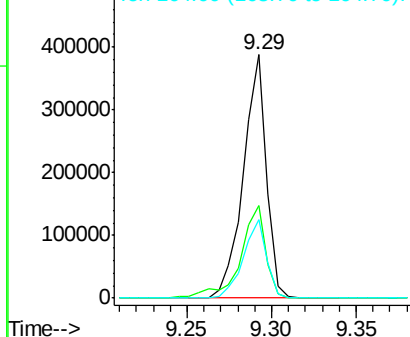
Lab File: BF099786.D

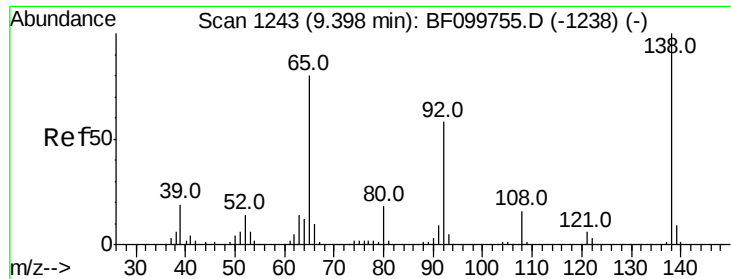
Acq: 24 Oct 2017 14:20

Tgt Ion:	162	Resp:	369621
Ion Ratio	Lower	Upper	
162	100		
127	37.8	33.9	50.9
164	32.4	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





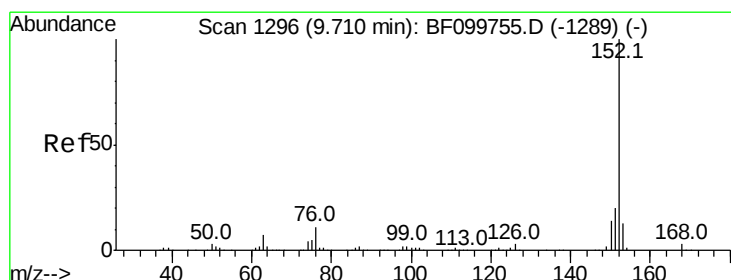
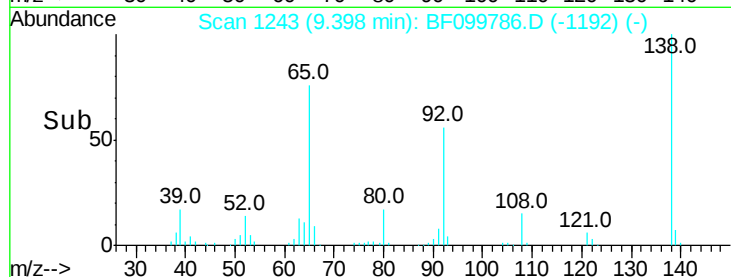
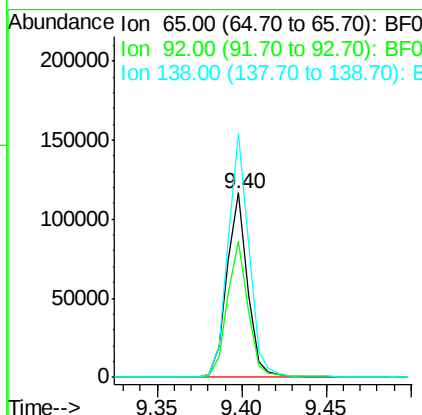
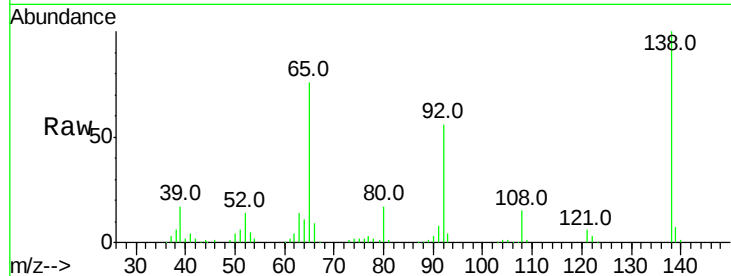
#47
2-Nitroaniline
Concen: 22.483 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion: 65 Resp: 99444
Ion Ratio Lower Upper
65 100
92 73.6 55.8 83.6
138 132.1 91.2 136.8

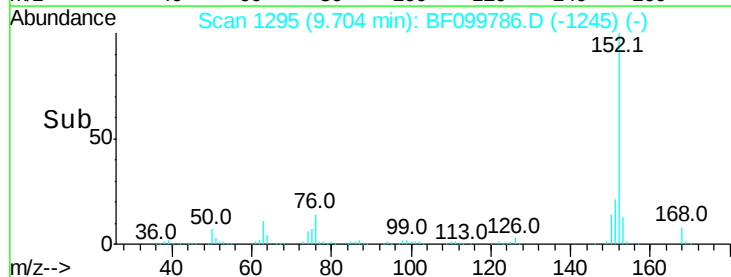
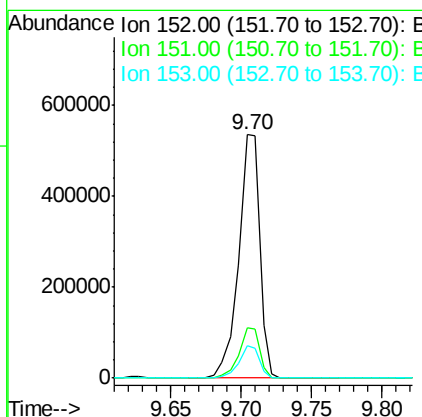
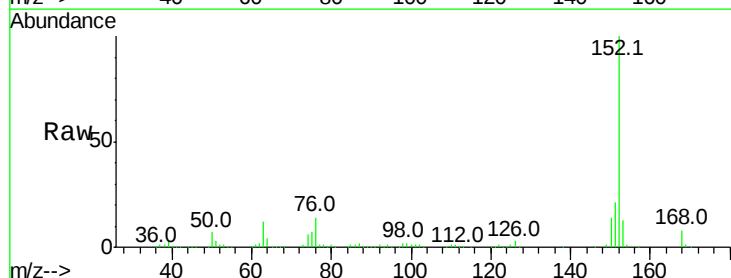
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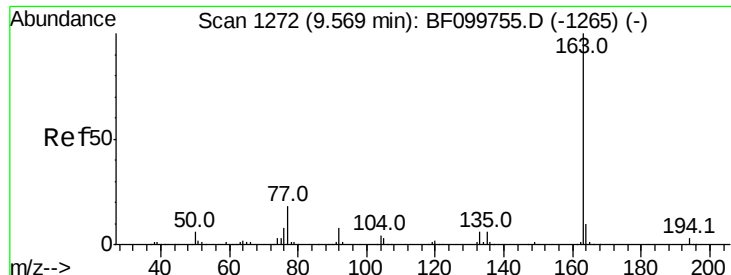
Sohil
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#48
Acenaphthylene
Concen: 21.493 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion: 152 Resp: 557882
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.4 10.7 16.1





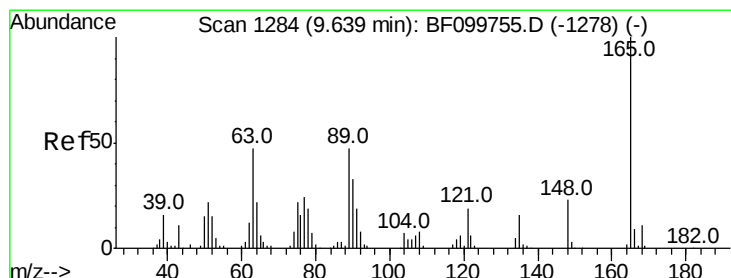
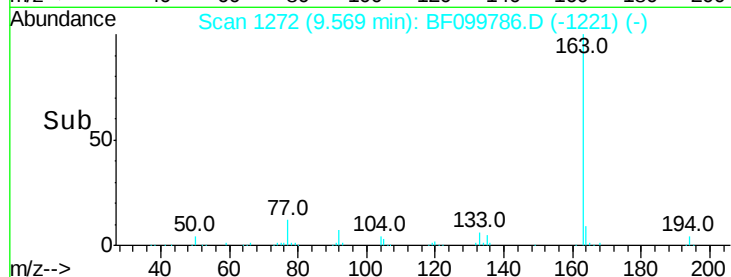
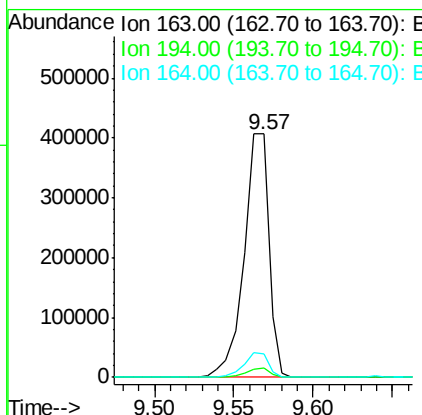
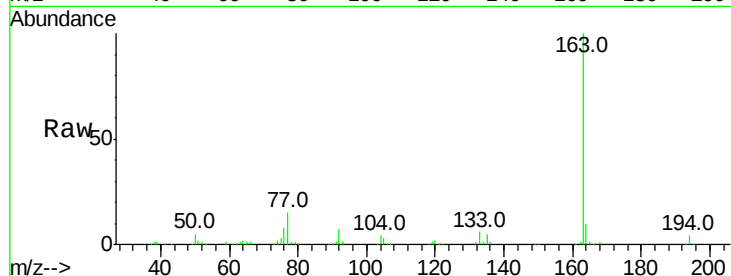
#49
Dimethylphthalate
Concen: 21.845 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampled :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	443765		
194	3.7		2.7	4.1
164	9.6		8.2	12.2

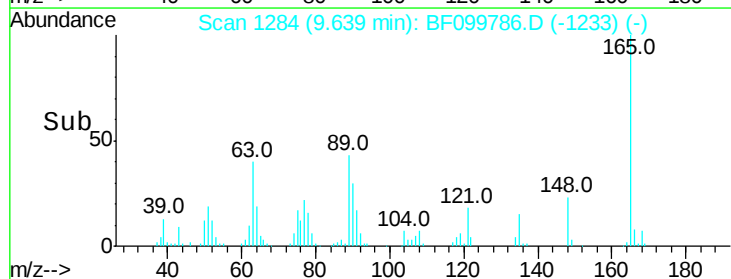
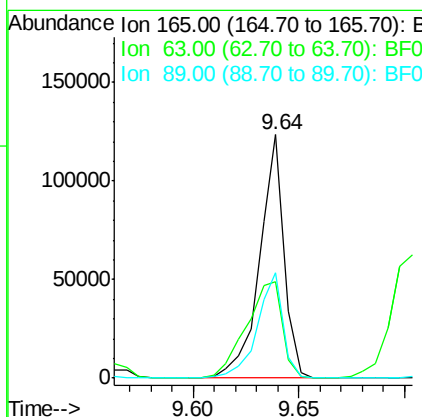
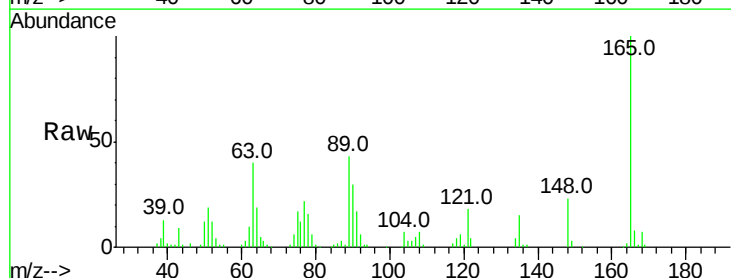
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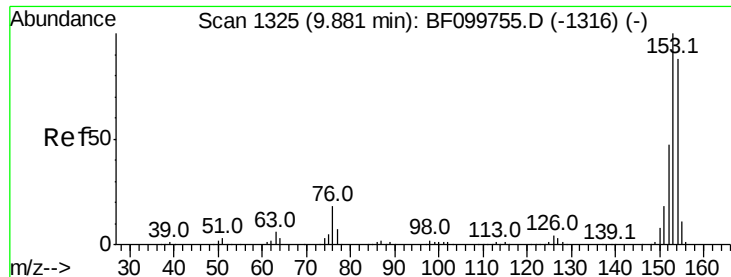
Sohil
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#50
2,6-Dinitrotoluene
Concen: 23.260 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99331		
63	39.6		44.7	67.1#
89	43.2		44.0	66.0#





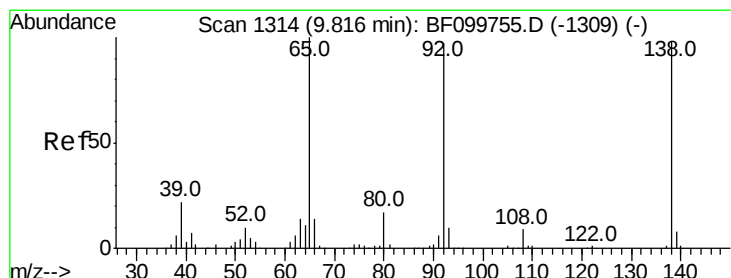
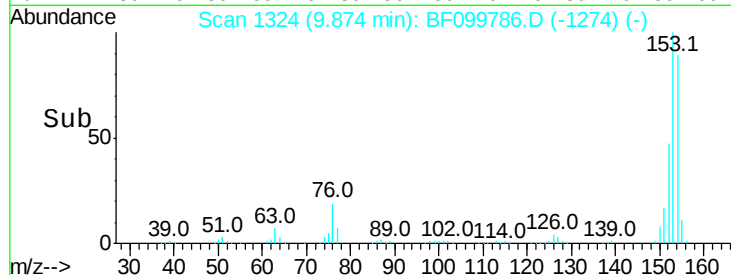
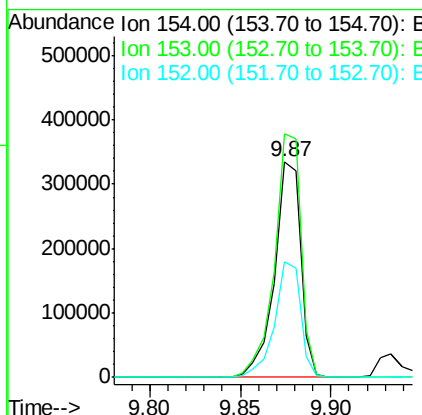
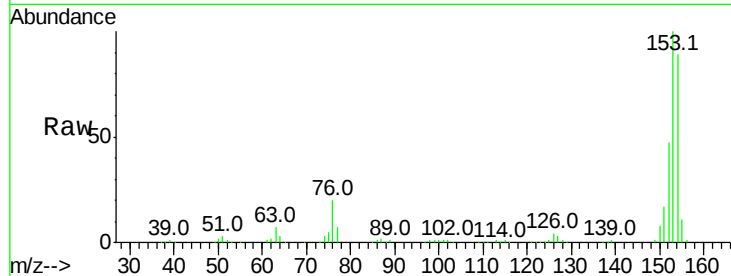
#51
Acenaphthene
Concen: 21.210 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	53.5	43.8	65.8

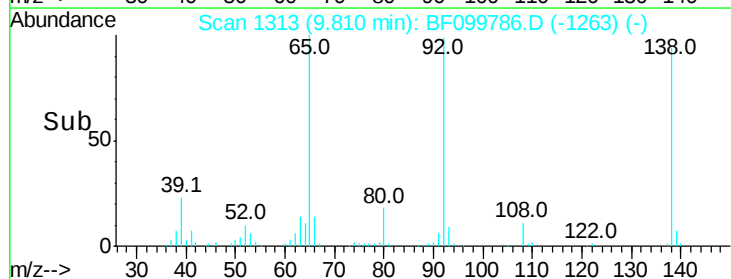
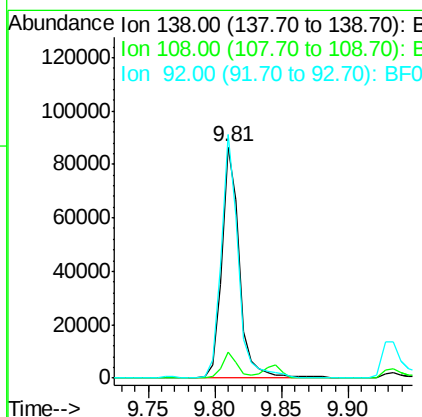
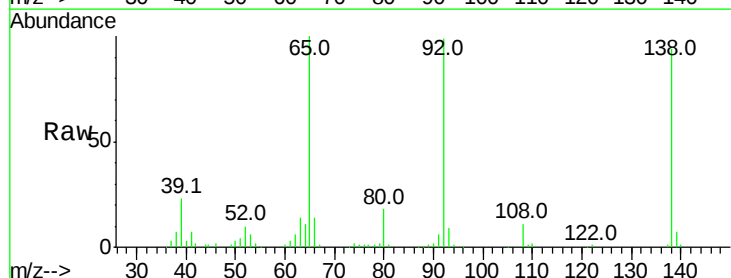
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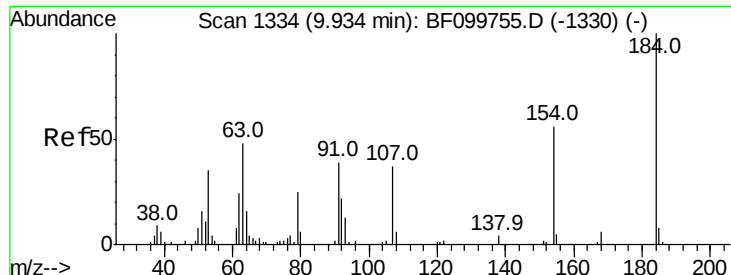
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#52
3-Nitroaniline
Concen: 15.997 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.0
92	105.2	89.4	134.2





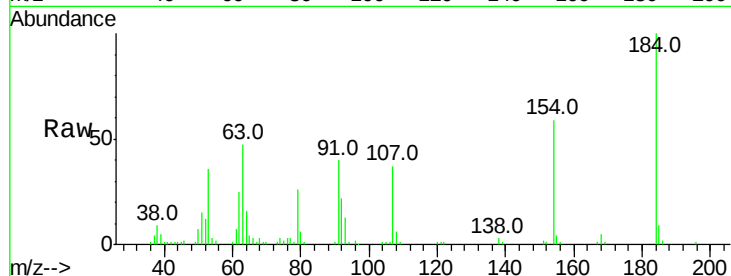
#53
2,4-Dinitrophenol
Concen: 42.961 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

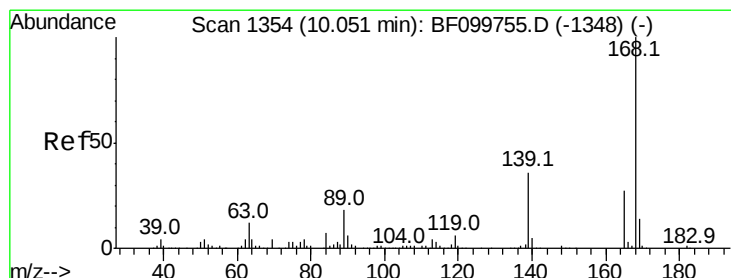
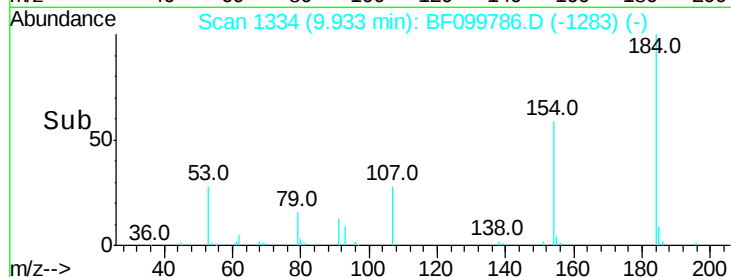
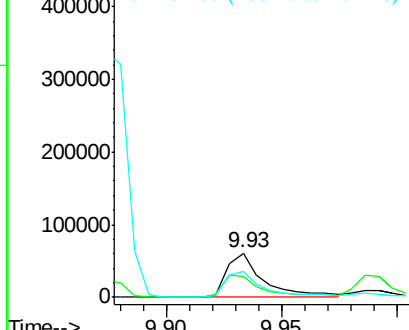
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.4	54.2	81.2#	
154	59.1	53.5	80.3	

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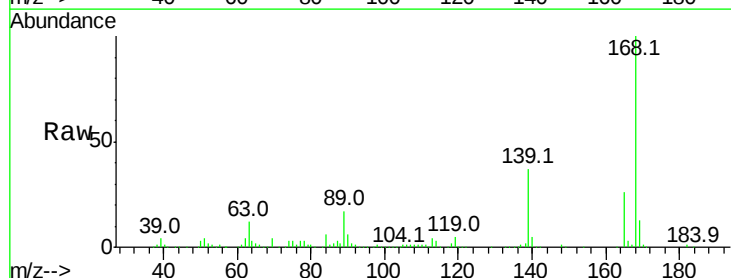


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

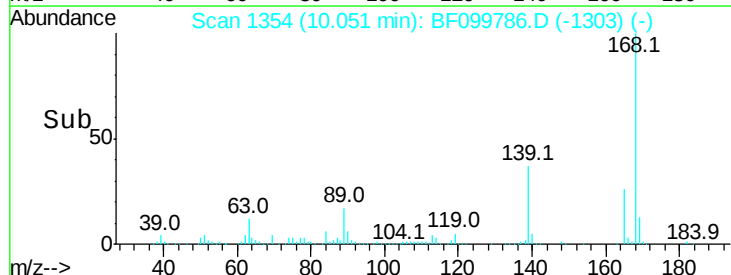
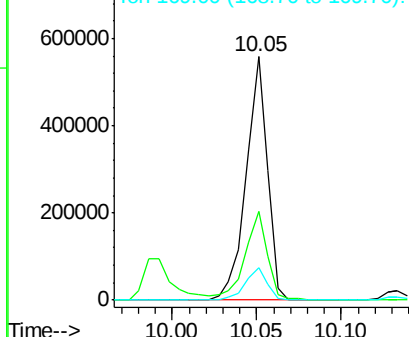


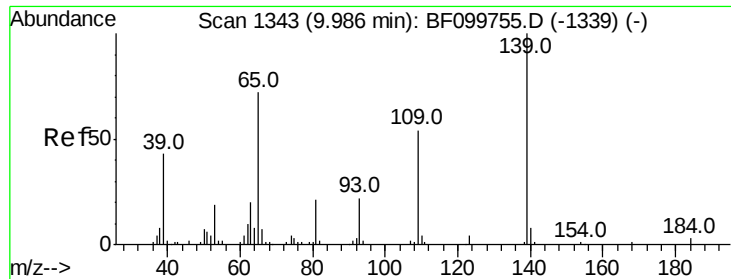
#54
Dibenzofuran
Concen: 22.127 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.5	30.1	45.1	
169	13.2	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





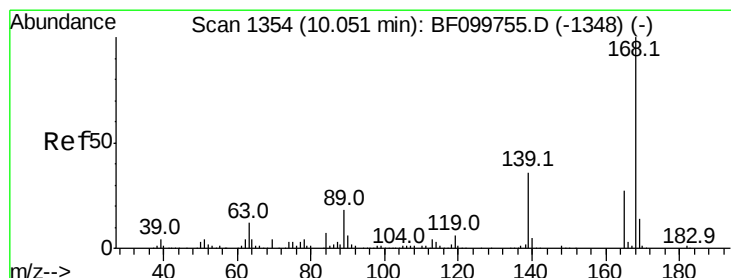
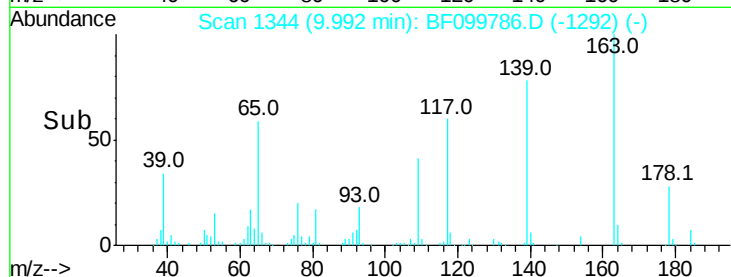
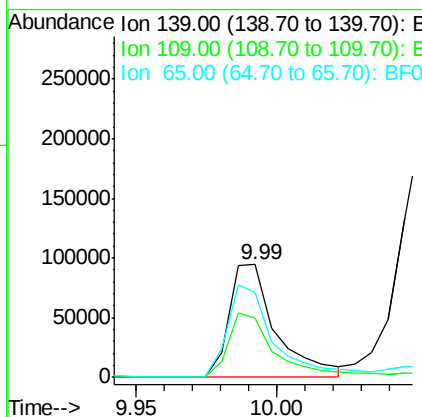
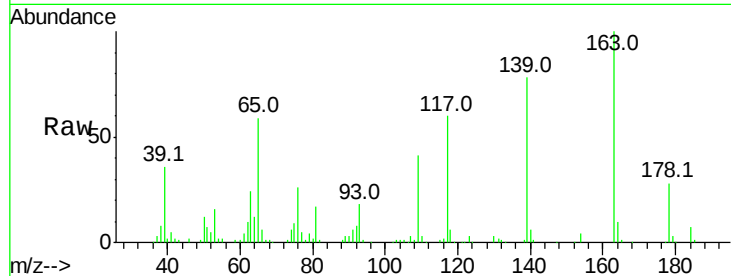
#55
4-Nitrophenol
Concen: 41.671 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.0	48.4	88.4	
65	74.9	72.6	112.6	

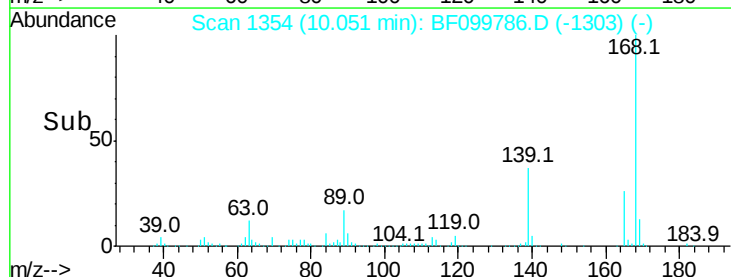
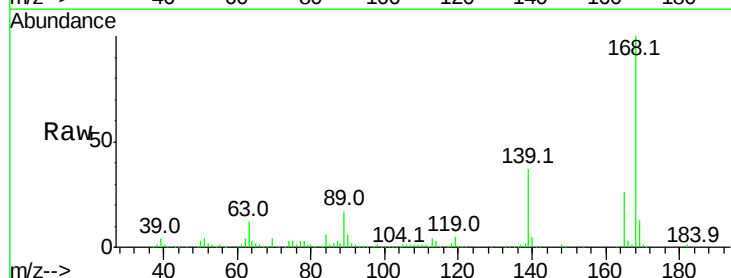
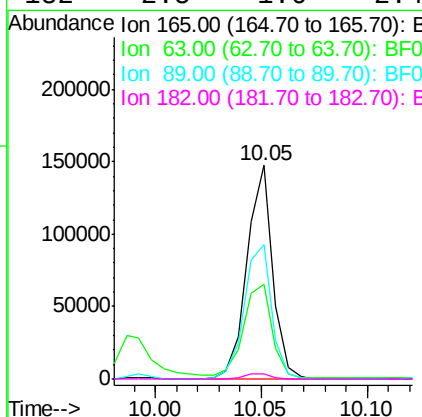
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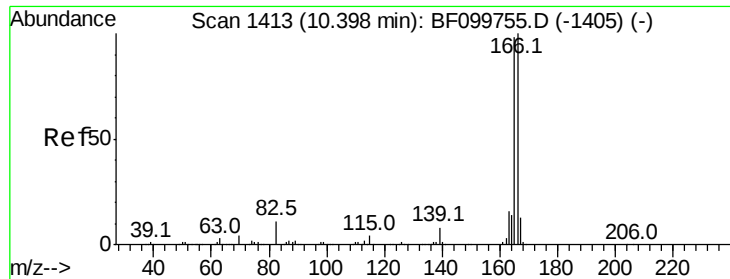
Sohil
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#56
2,4-Dinitrotoluene
Concen: 24.105 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	36.4	54.6	
89	63.2	57.8	86.6	
182	2.5	1.6	2.4	#





#57

Fluorene

Concen: 22.102 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

PB103578BS

Tot Ion:166 Resp: 409679

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

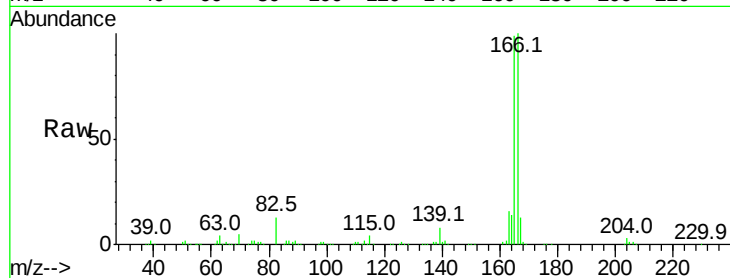
167 13.5 10.6 16.0

Manual Integrations

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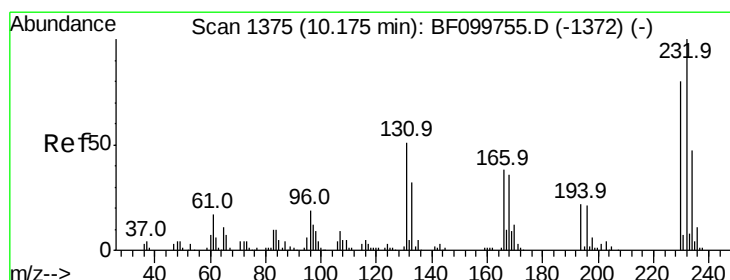
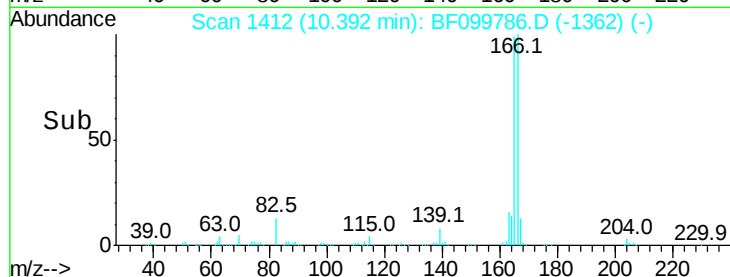
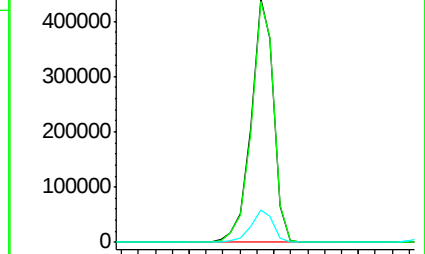
10/25/2017 6:25:14 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.680 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:232 Resp: 92020

Ion Ratio Lower Upper

232 100

131 47.2 43.8 65.8

130 2.2 2.1 3.1

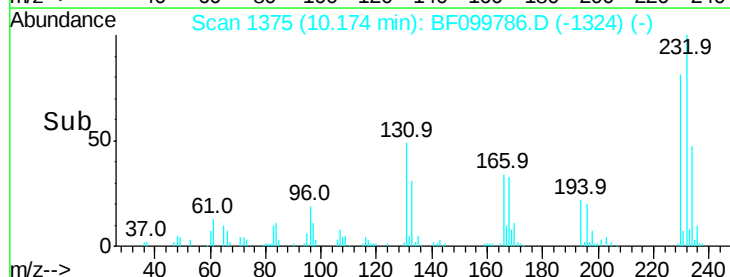
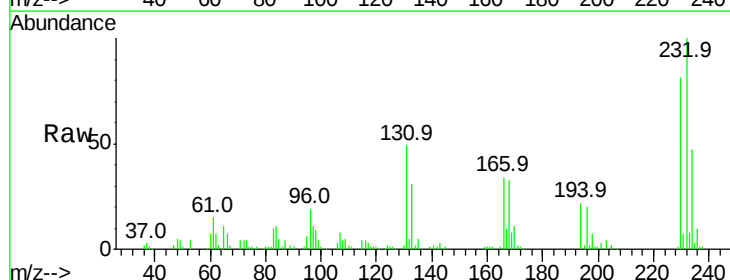
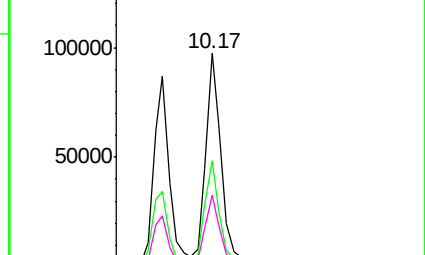
166 32.9 27.8 41.6

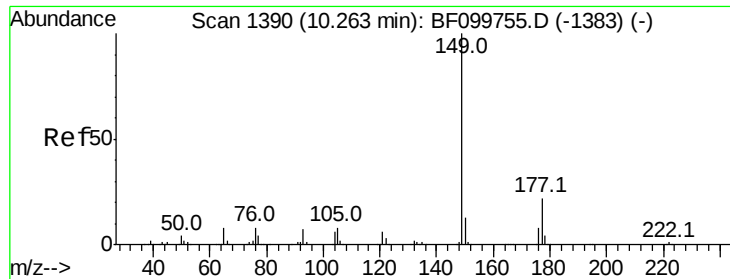
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





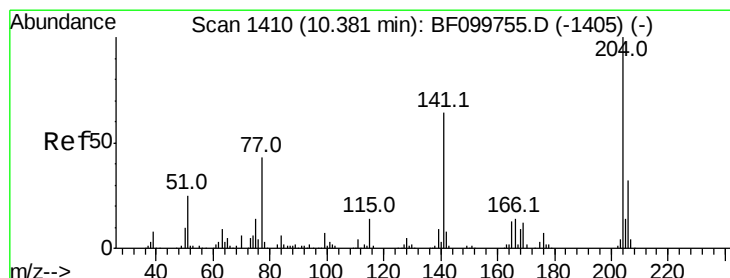
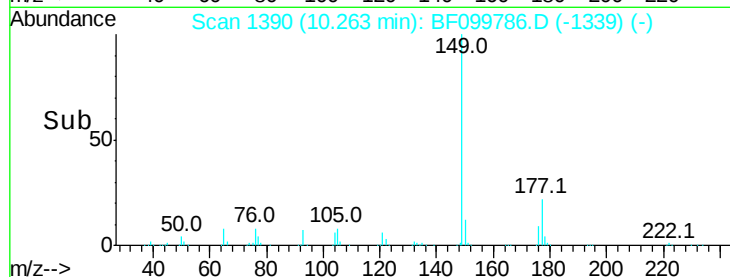
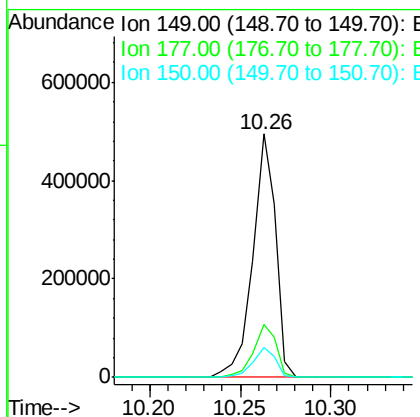
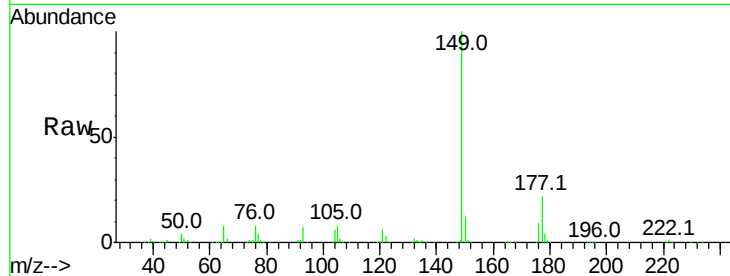
#59
Diethylphthalate
Concen: 21.874 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	433916		
177	21.5	16.1	24.1	
150	12.3	10.1	15.1	

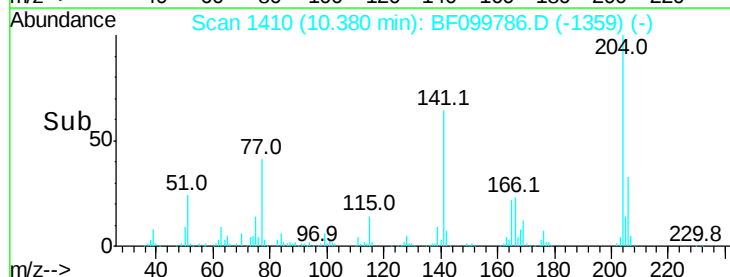
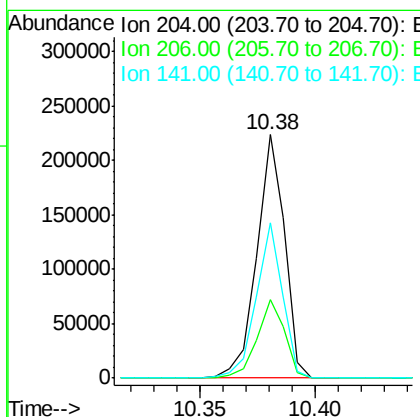
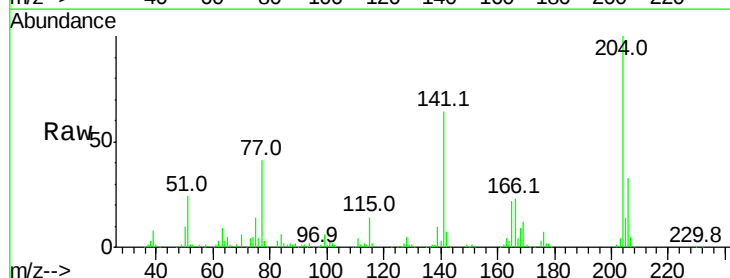
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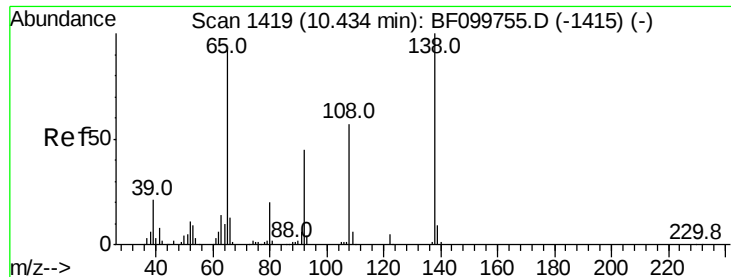
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 21.543 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	187939		
206	32.5	26.5	39.7	
141	63.9	54.6	81.8	





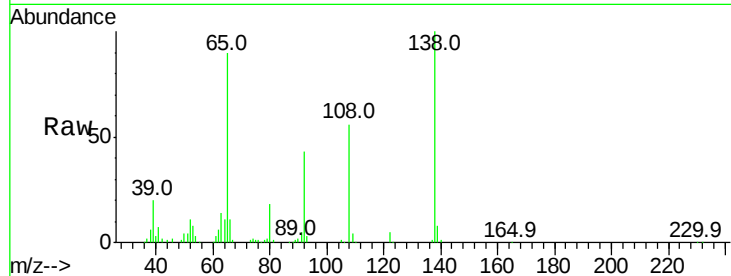
#61
4-Nitroaniline
Concen: 22.614 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	30.2	70.2
108	55.6	52.5	92.5

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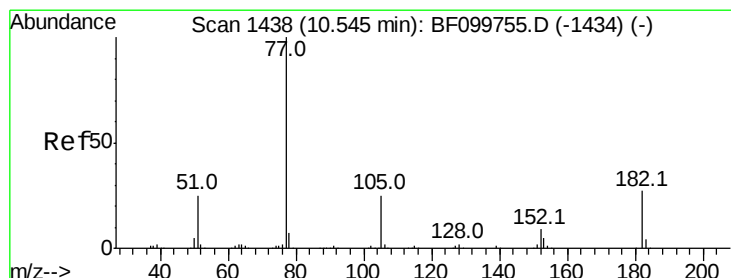
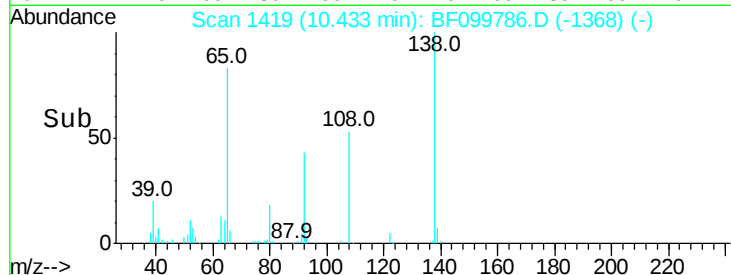
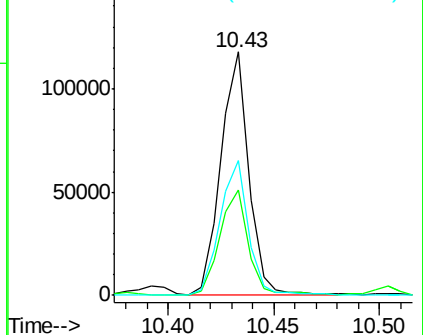


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 22.808 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	1.7	41.7
105	26.5	3.0	43.0
51	24.0	9.9	49.9

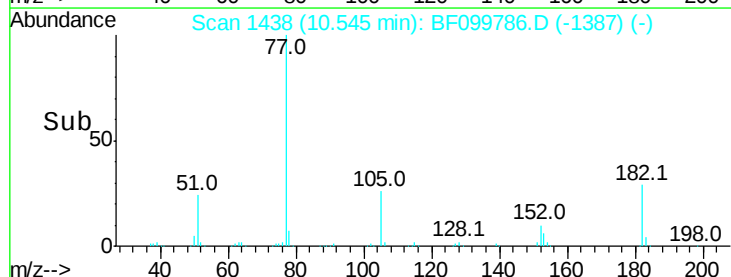
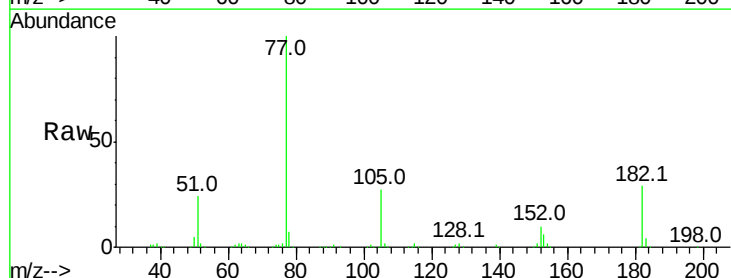
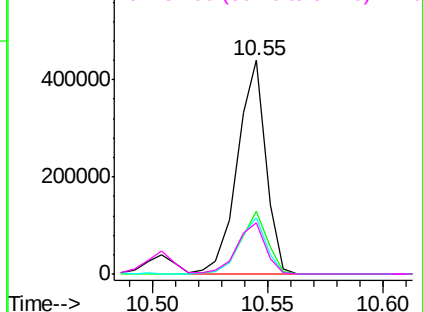
Abundance

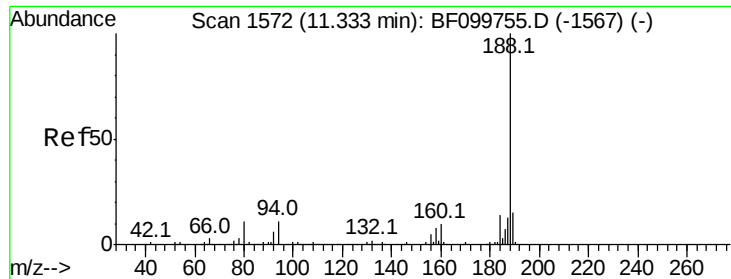
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





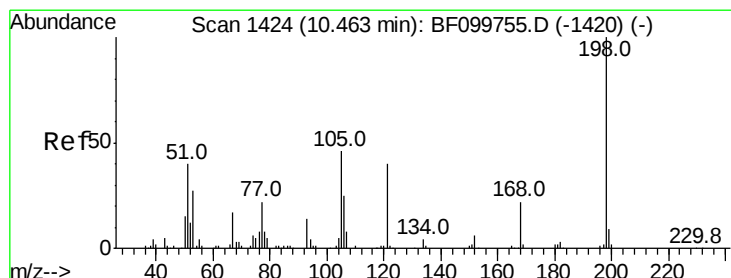
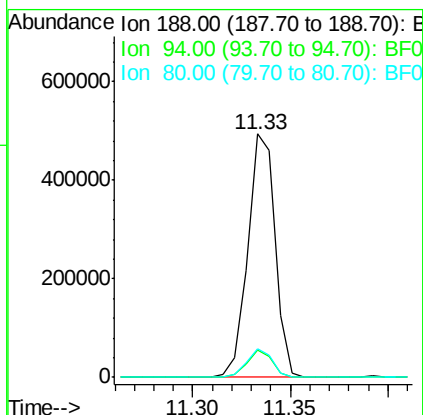
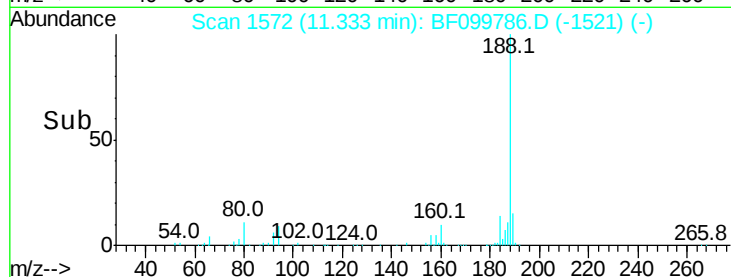
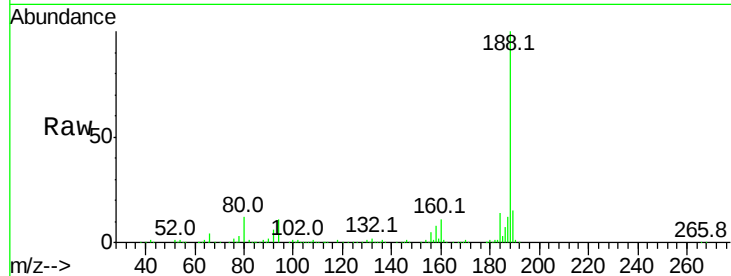
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	477539		
94	11.2		8.5	12.7
80	11.5		9.2	13.8

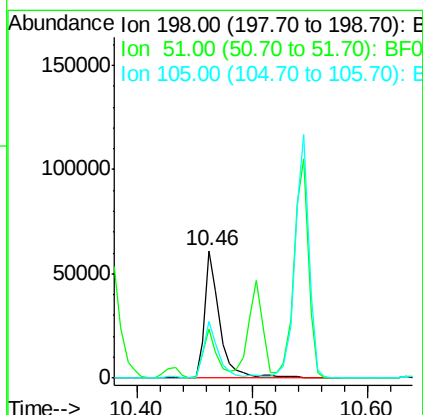
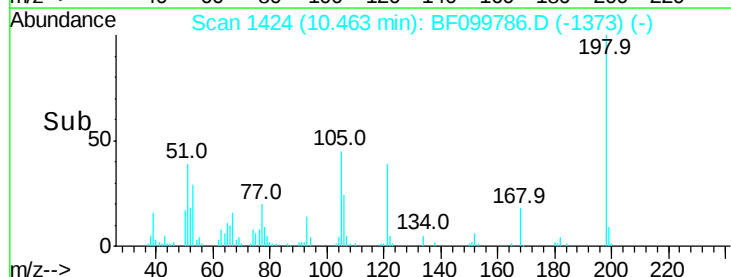
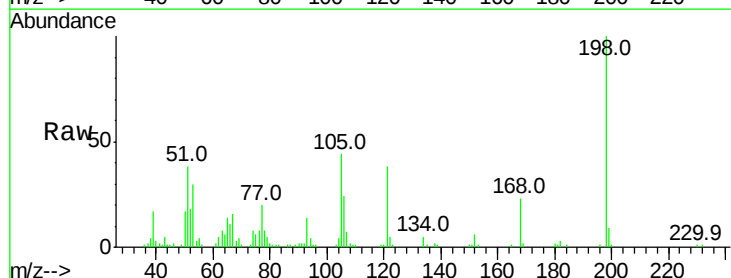
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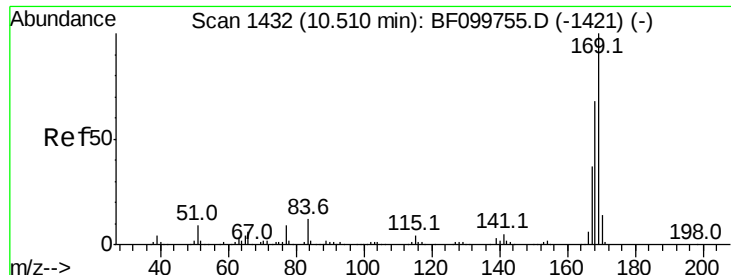
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#64
4,6-Dinitro-2-methylphenol
Concen: 18.707 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56155		
51	38.2		37.7	77.7
105	44.2		36.3	76.3





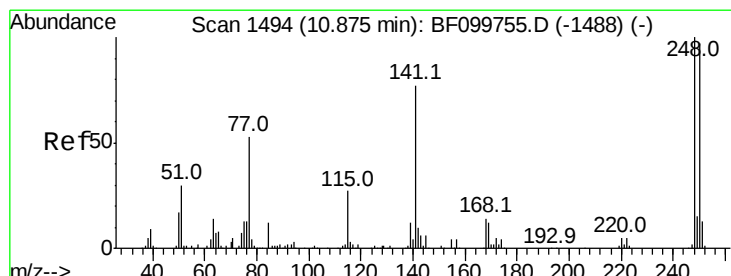
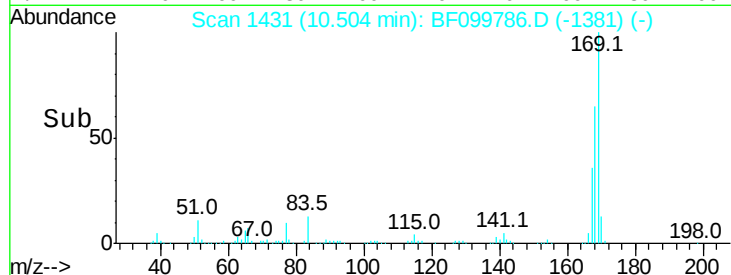
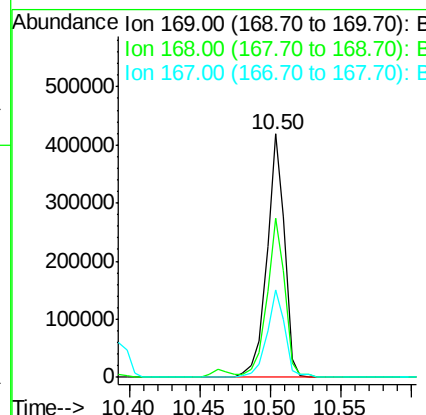
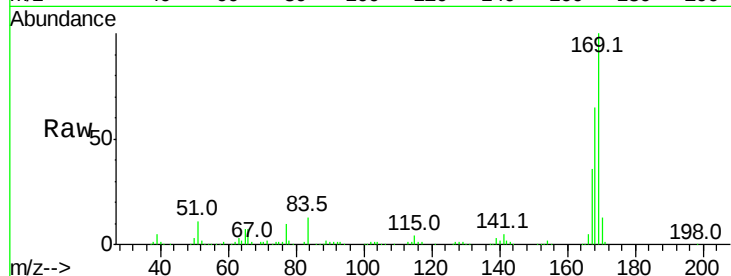
#65
n-Nitrosodiphenylamine
Concen: 21.007 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.5	54.4	81.6	
167	36.1	29.8	44.6	

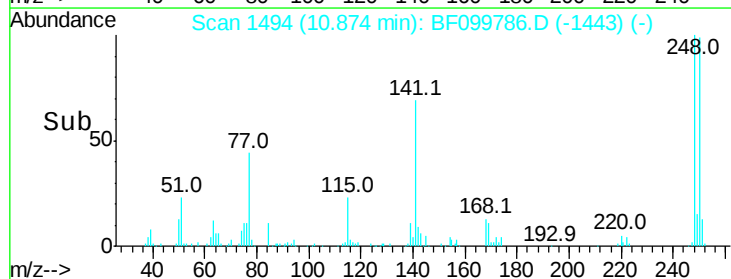
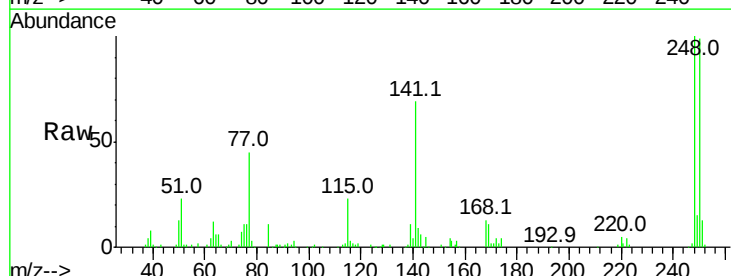
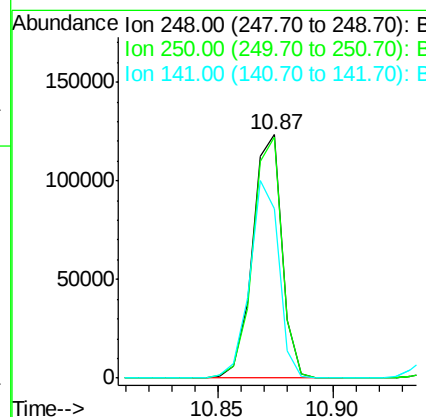
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#66
4-Bromophenyl-phenylether
Concen: 21.943 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.3	76.9	115.3	
141	69.5	74.4	111.6	





#67

Hexachlorobenzene

Concen: 22.146 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

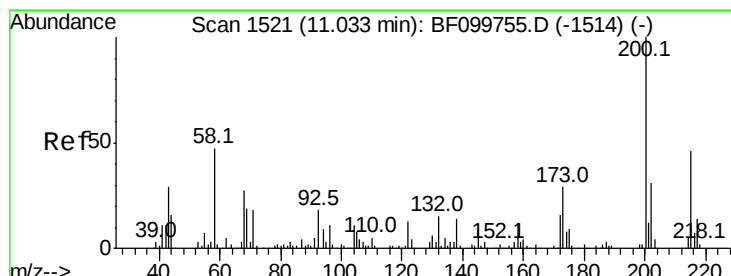
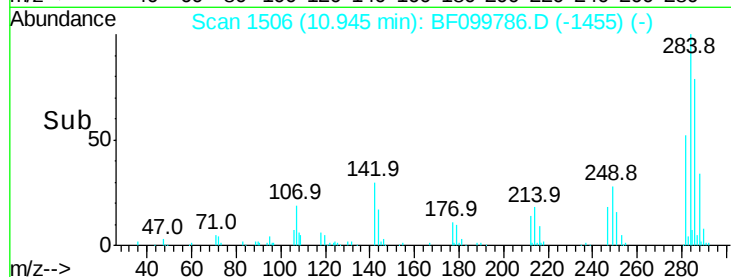
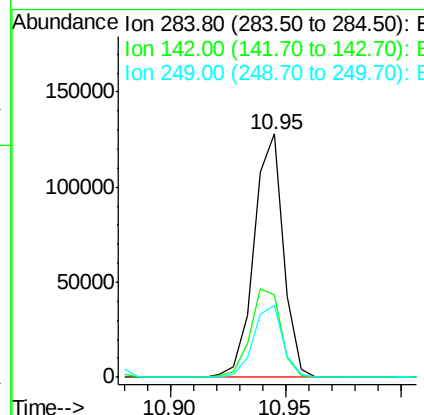
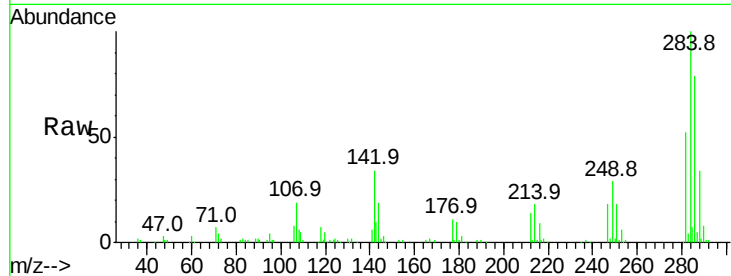
ClientSampleId :

PB103578BS

Tot Ion:	284	Resp:	113901
Ion Ratio	Lower	Upper	
284	100		
142	33.6	34.6	52.0#
249	29.4	24.8	37.2

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#68

Atrazine

Concen: 21.929 ng

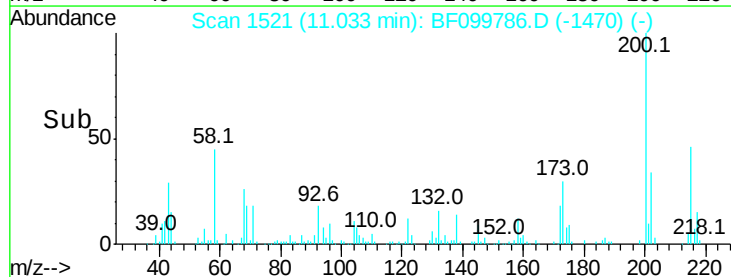
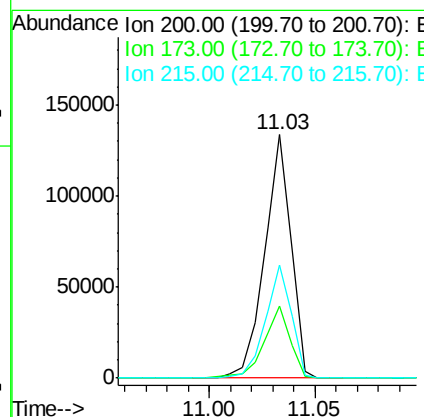
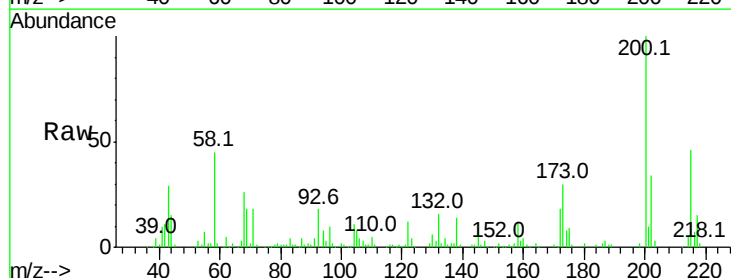
RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	200	Resp:	116117
Ion Ratio	Lower	Upper	
200	100		
173	29.5	8.6	48.6
215	46.4	25.1	65.1





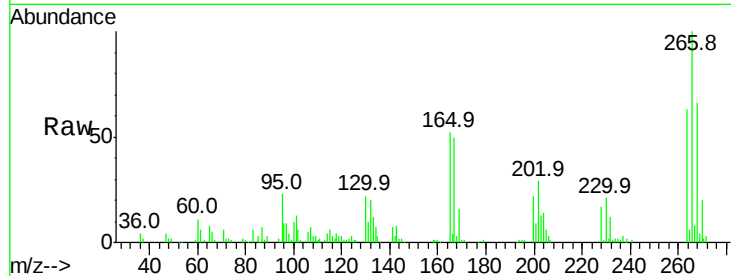
#69
 Pentachlorophenol
 Concen: 38.083 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampled :
 PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	83696		
268	65.6		51.1	76.7
264	63.2		49.5	74.3

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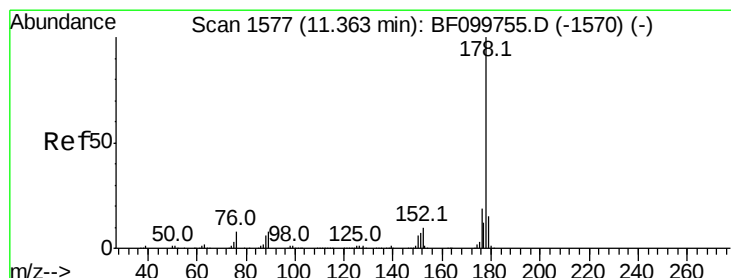
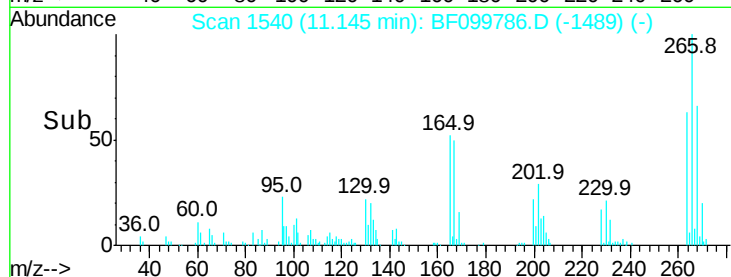
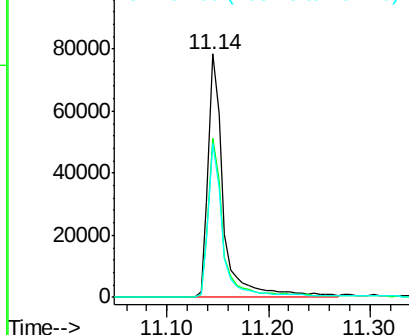


Abundance

Ion 265.70 (265.40 to 266.40): E

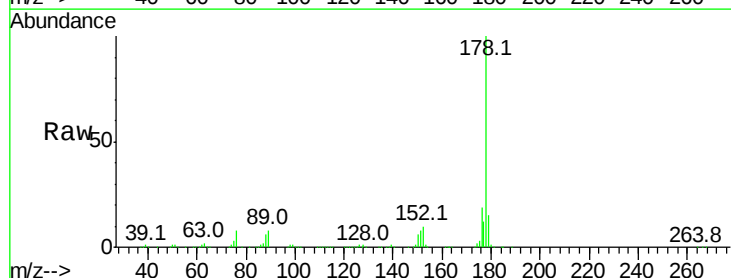
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 22.044 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	594072		
176	19.4		15.8	23.8
179	15.5		13.0	19.6

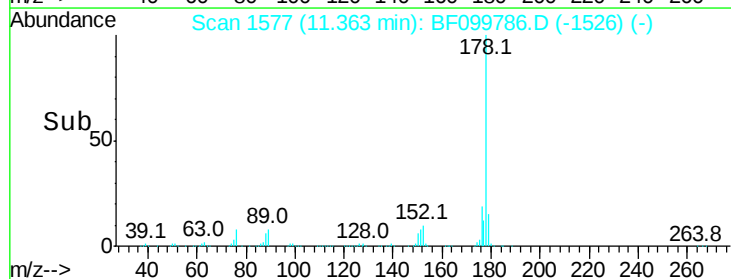
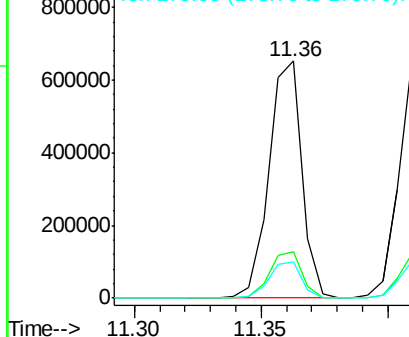


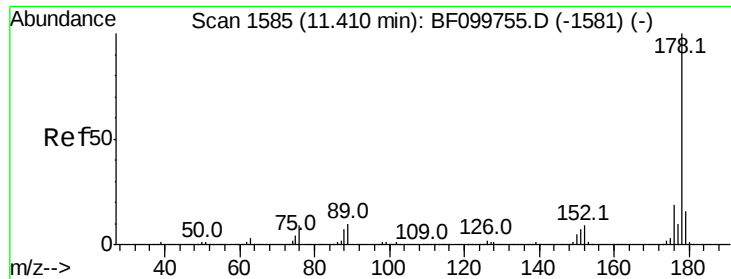
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





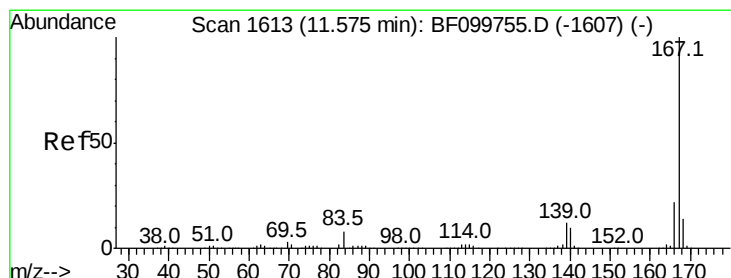
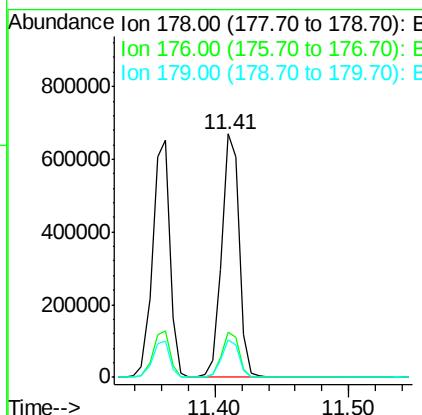
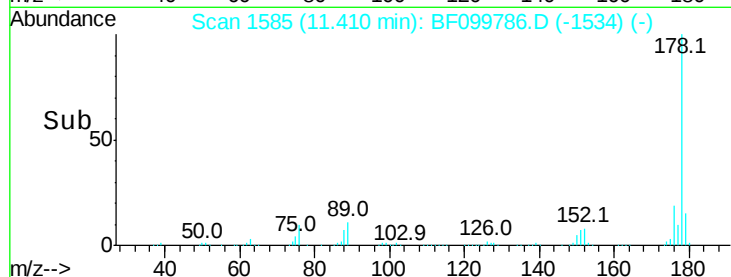
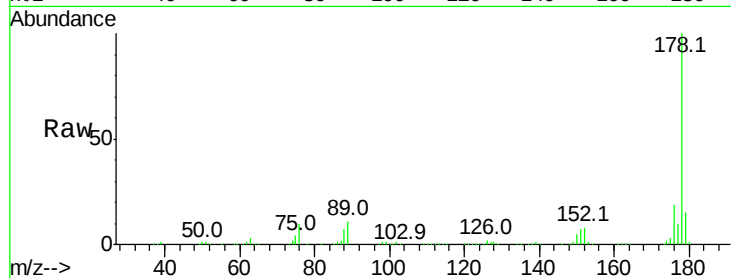
#71
 Anthracene
 Concen: 22.826 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

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

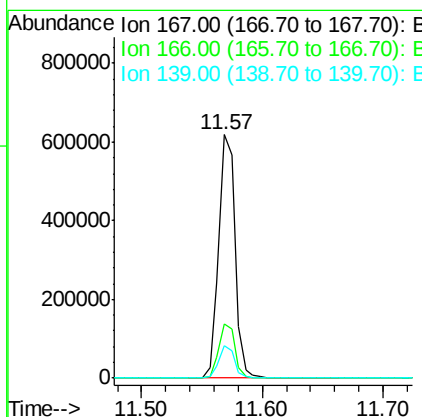
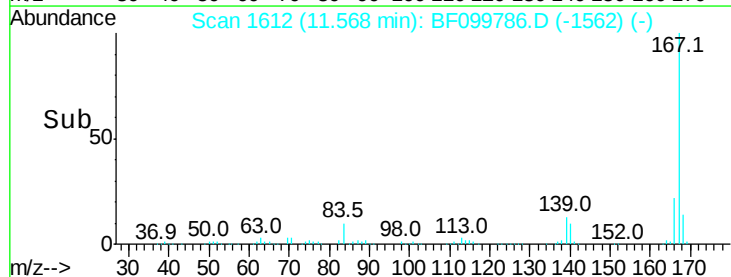
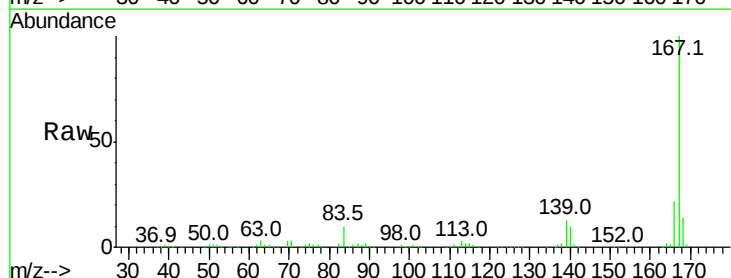
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#72
 Carbazole
 Concen: 22.402 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.1	10.9	16.3





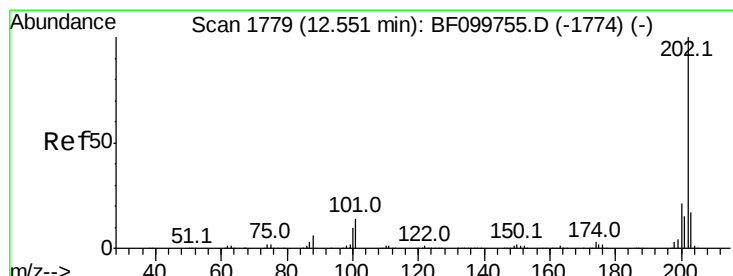
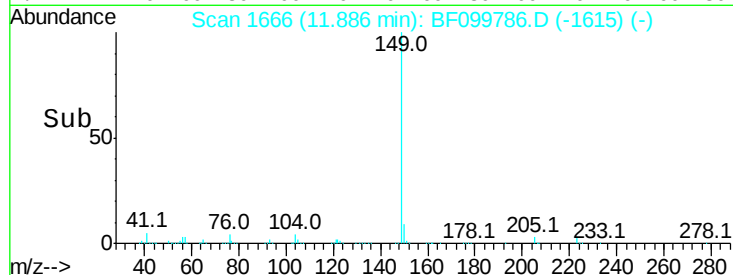
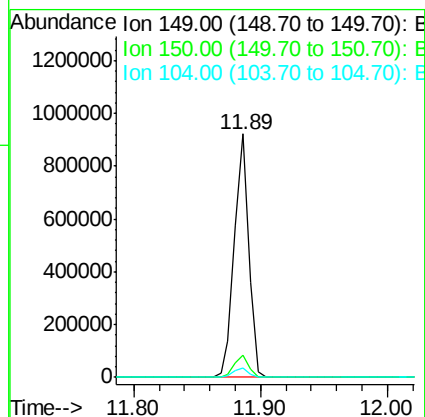
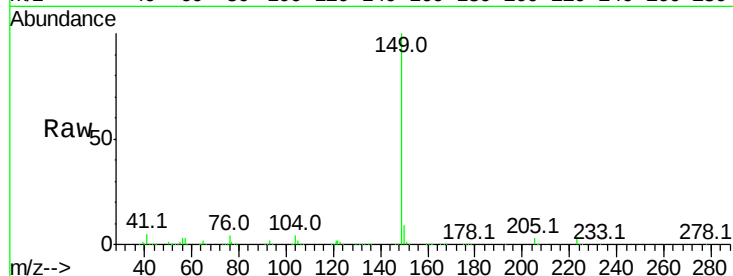
#73
Di-n-butylphthalate
Concen: 21.879 ng
RT: 11.89 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.8	11.6	
104	4.0	3.8	5.8	

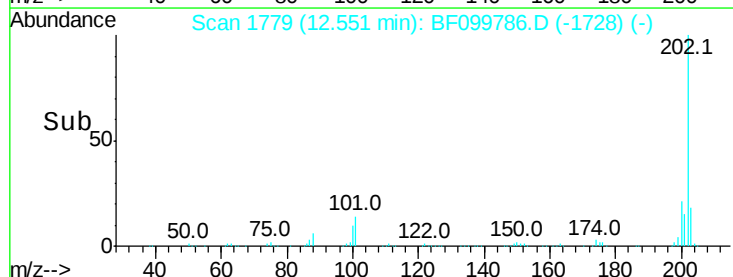
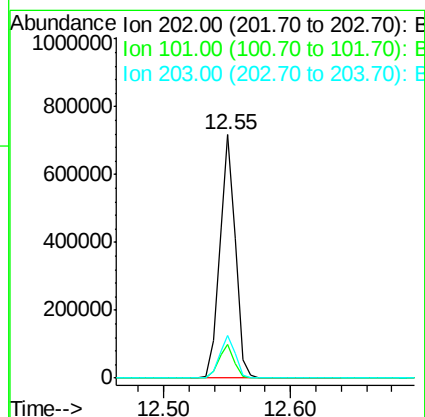
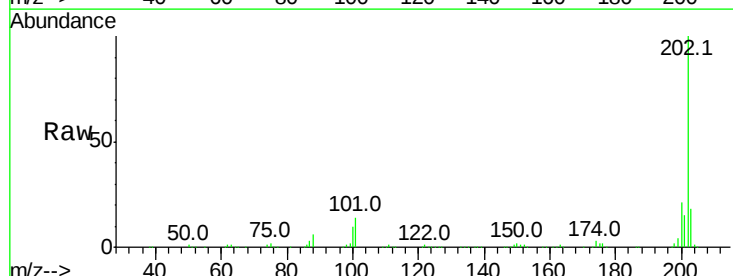
Manual Integrations
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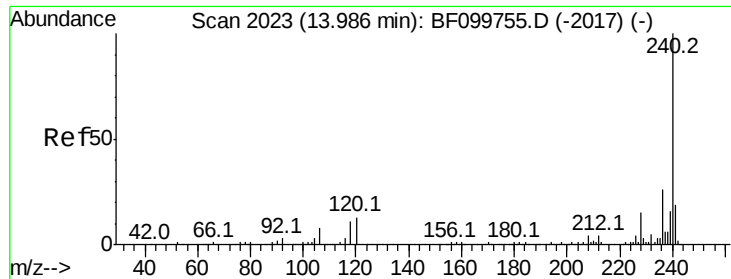
Sohil
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#74
Fluoranthene
Concen: 22.211 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.6	0.0	34.1	
203	17.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

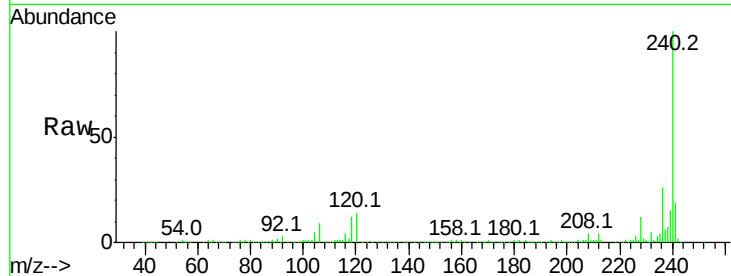
ClientSampleId :

PB103578BS

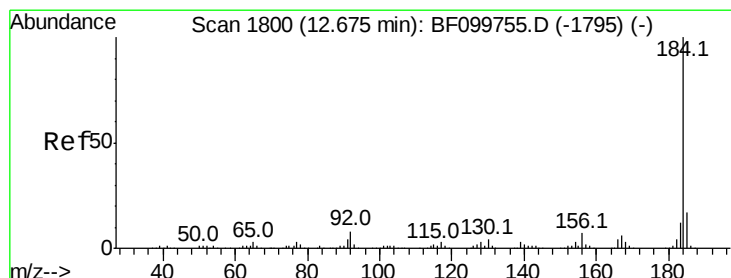
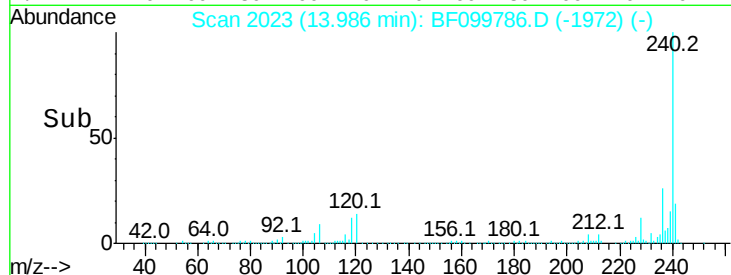
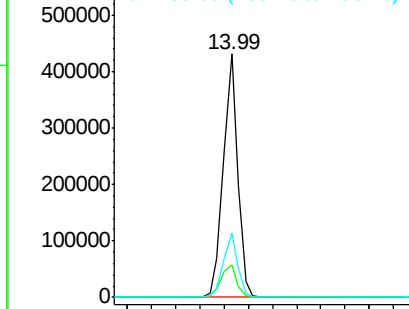
Tot Ion:	240	Resp:	355500
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.225 ng

RT: 12.67 min Scan# 1800

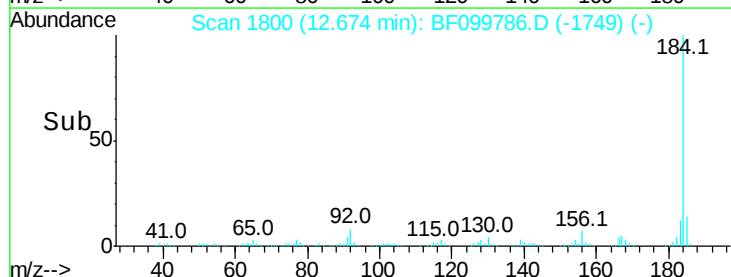
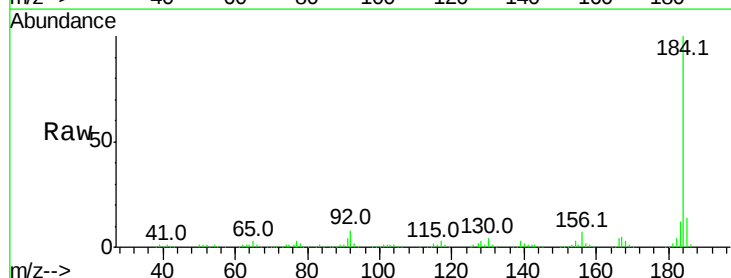
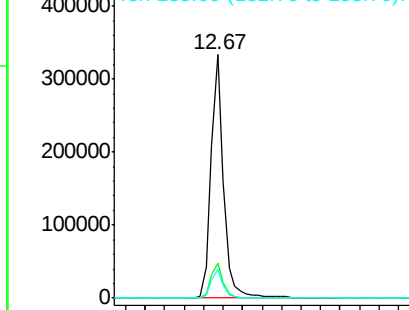
Delta R.T. -0.00 min

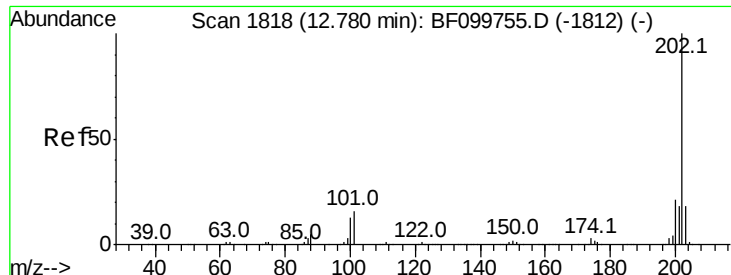
Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:	184	Resp:	299063
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.5	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





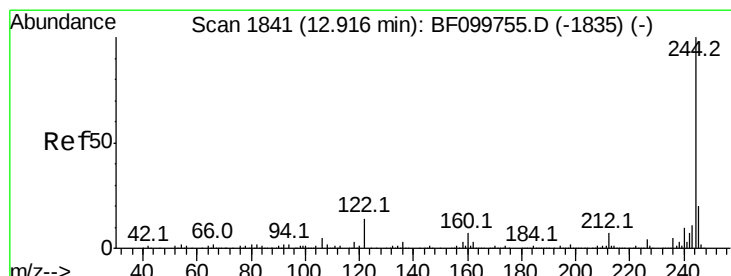
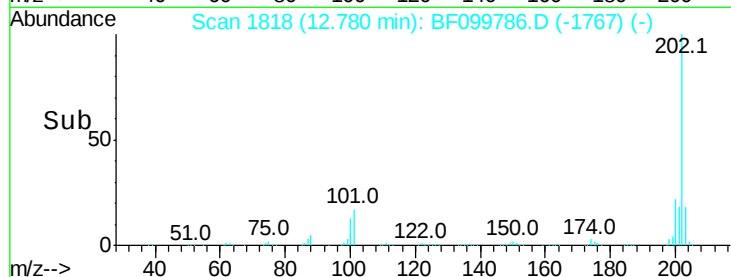
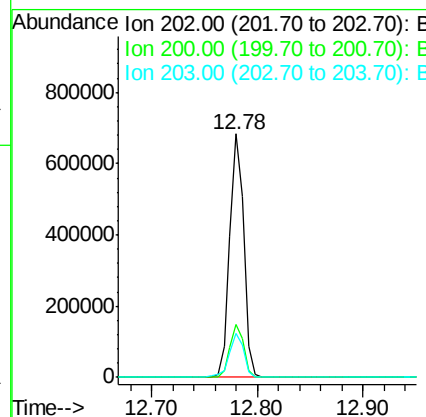
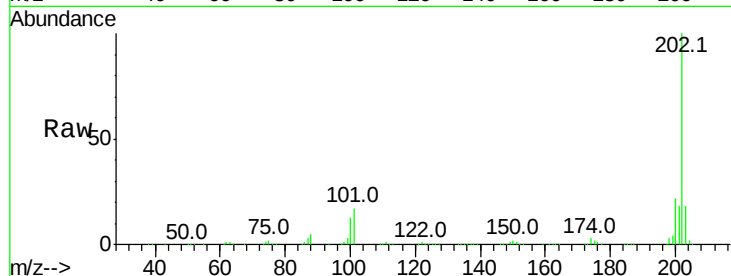
#77
 Pvrene
 Concen: 23.424 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	633195		
200	21.9		17.4	26.2
203	17.8		14.3	21.5

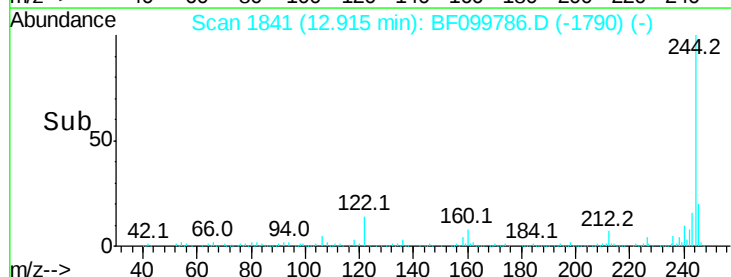
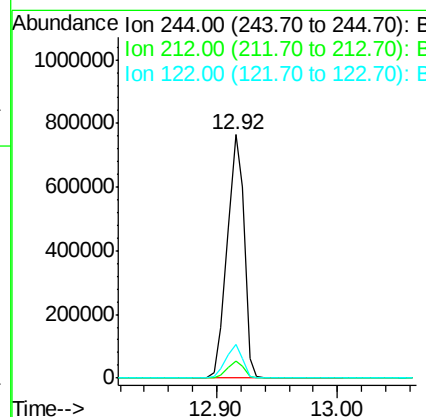
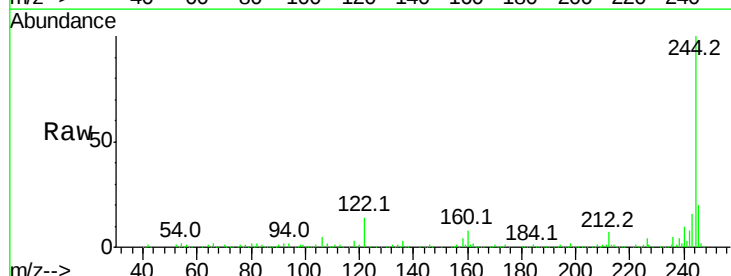
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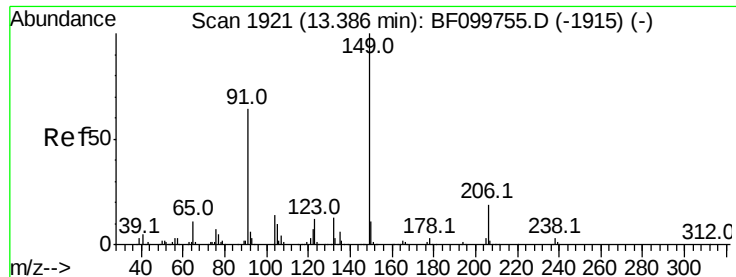
Sohil
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#78
 Terphenyl-d14
 Concen: 45.223 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	735662		
212	7.0		5.4	8.0
122	14.0		11.0	16.4





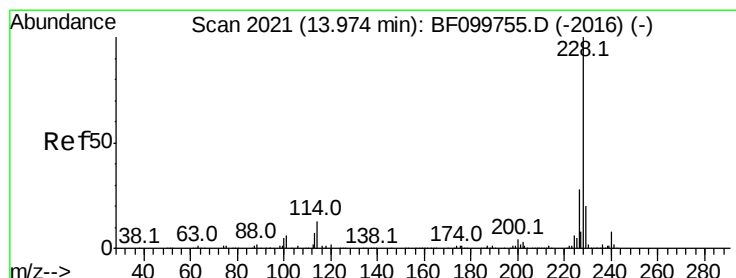
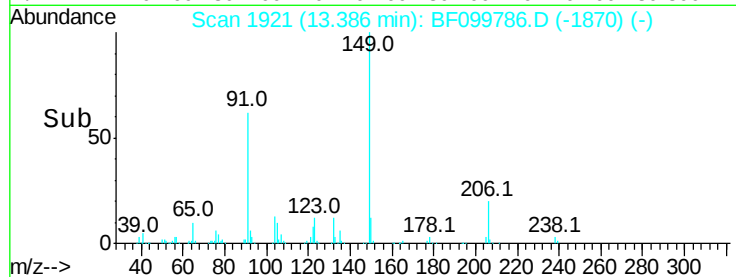
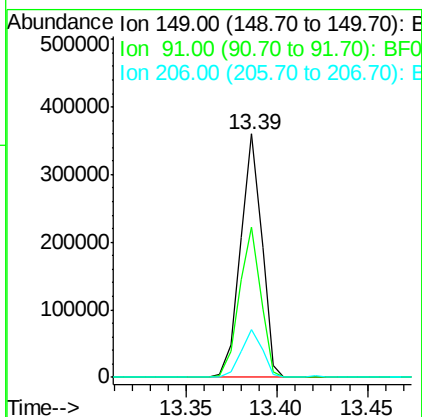
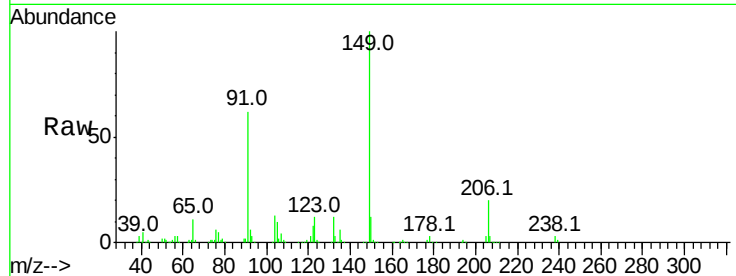
#79
Butylbenzylphthalate
Concen: 22.053 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleID :
PB103578BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	61.9	56.8	85.2
206	19.6	14.1	21.1

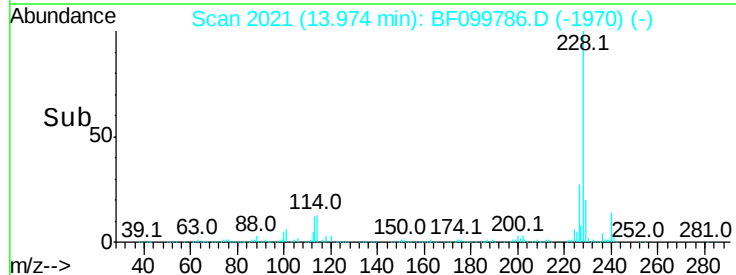
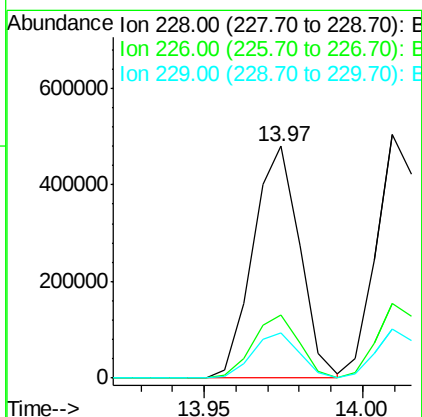
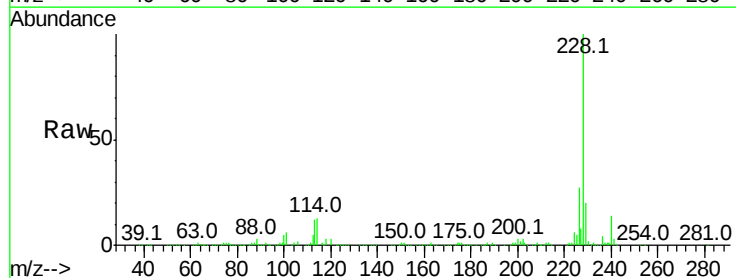
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#80
Benzo(a)anthracene
Concen: 21.725 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.6	33.8
229	19.6	15.8	23.6





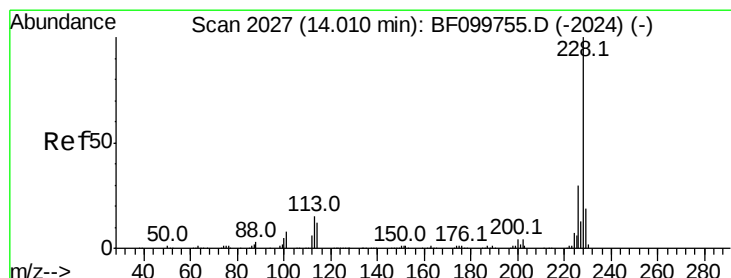
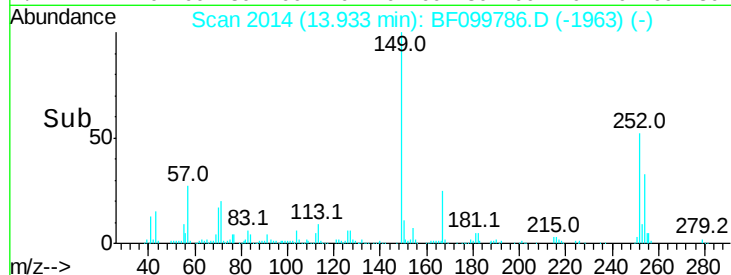
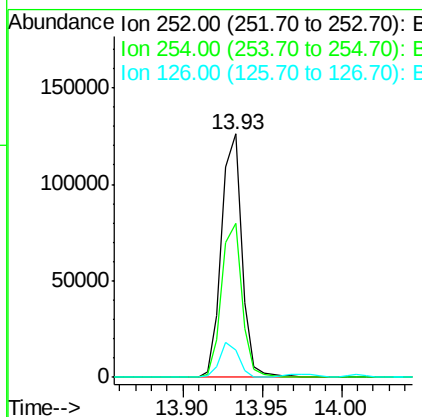
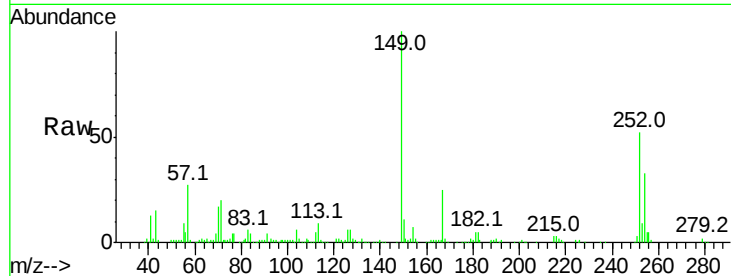
#81
3,3'-Dichlorobenzidine
Concen: 13.832 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	11.3	11.3	16.9

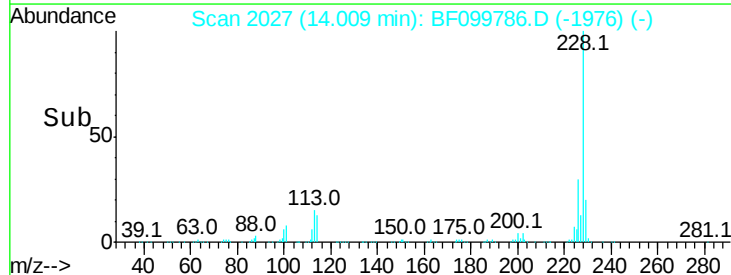
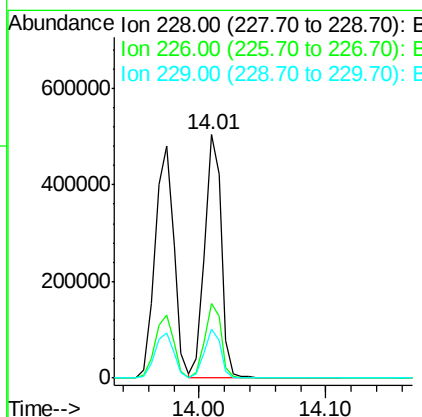
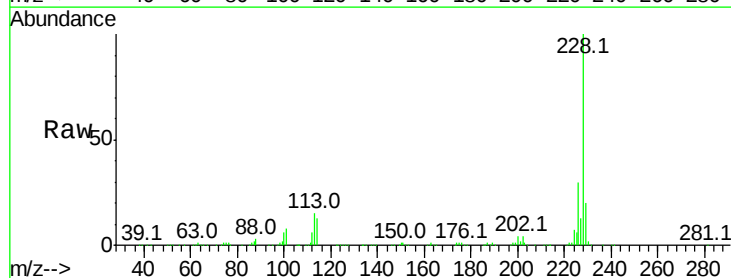
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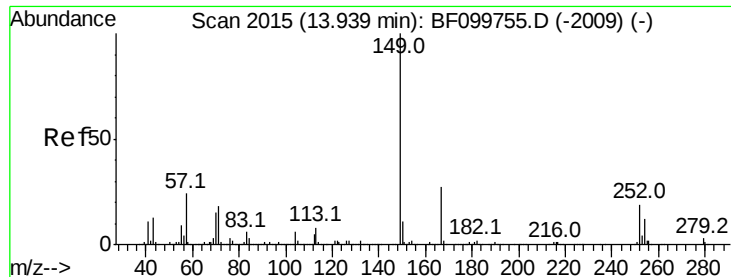
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#82
Chrysene
Concen: 21.916 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.1	16.2	24.4





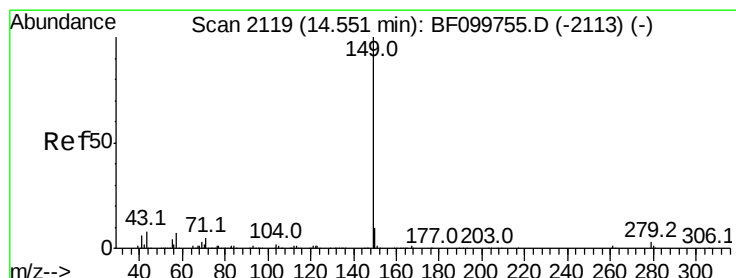
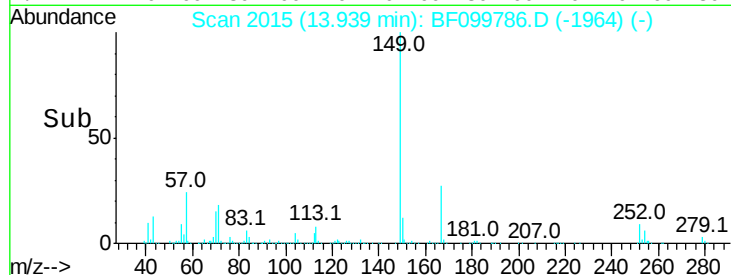
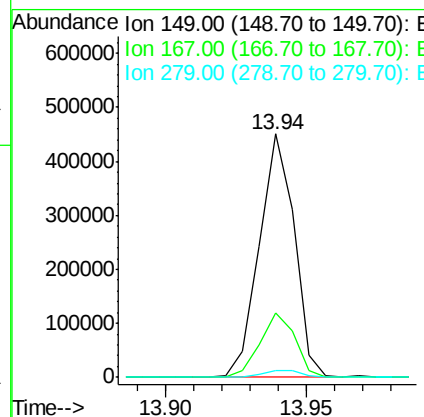
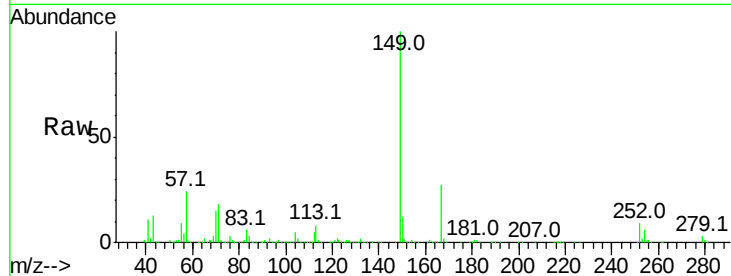
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.785 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103578BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.6	21.3	31.9
279	2.9	3.0	4.4#

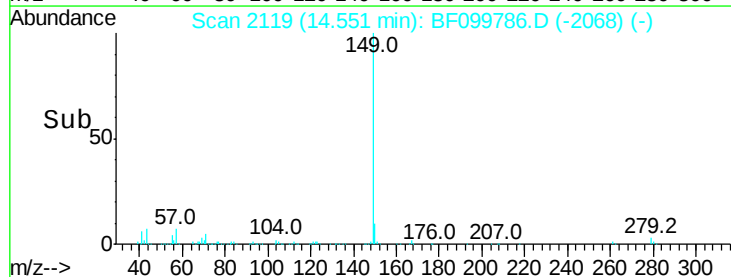
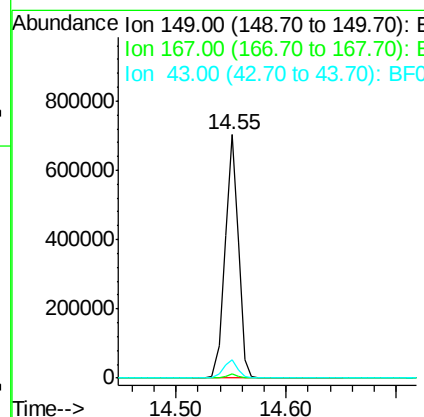
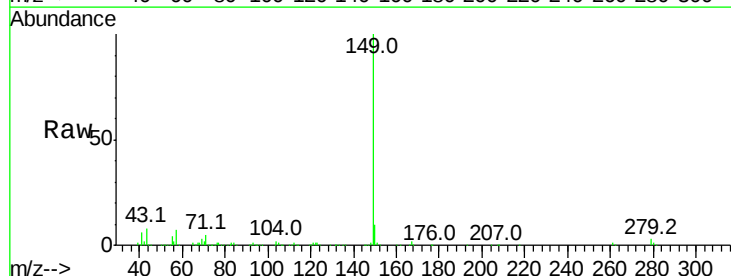
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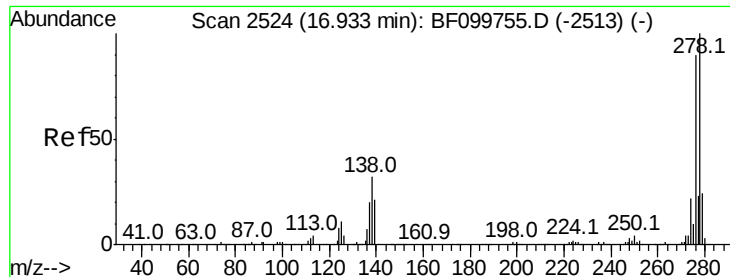
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#84
 Di-n-octyl phthalate
 Concen: 18.468 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	8.4	12.6#





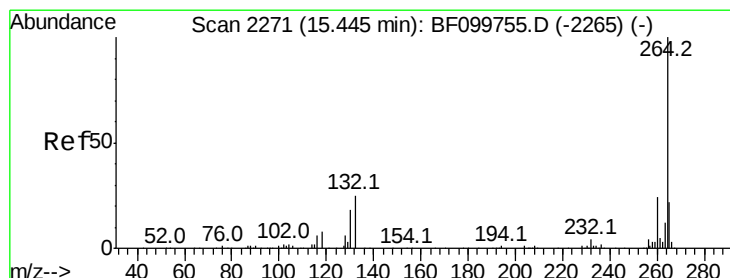
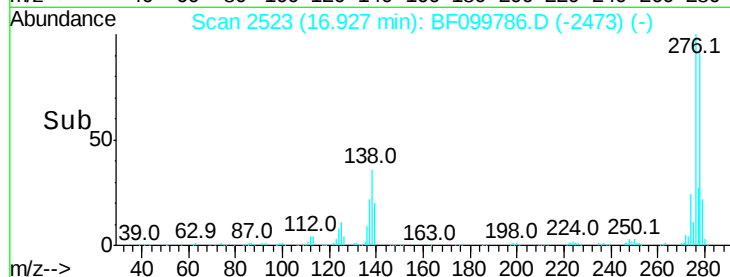
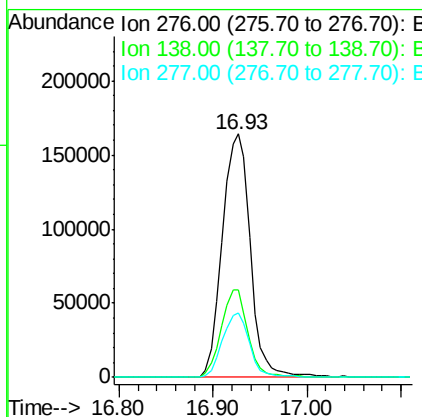
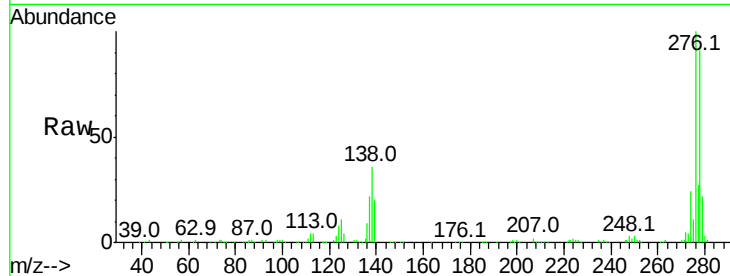
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.614 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.6	20.1	30.1

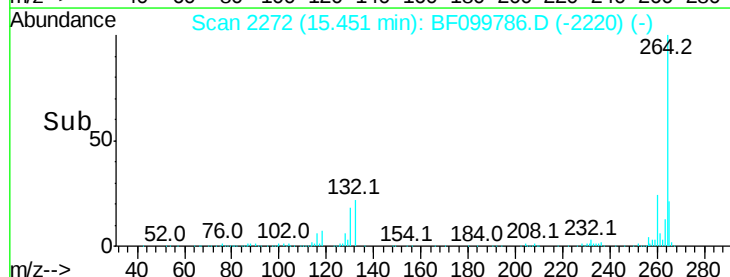
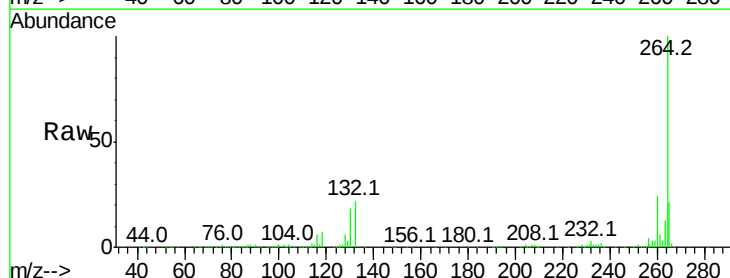
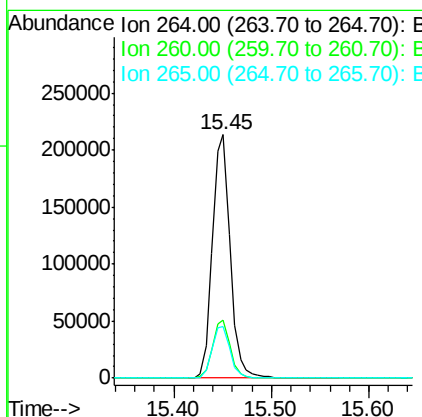
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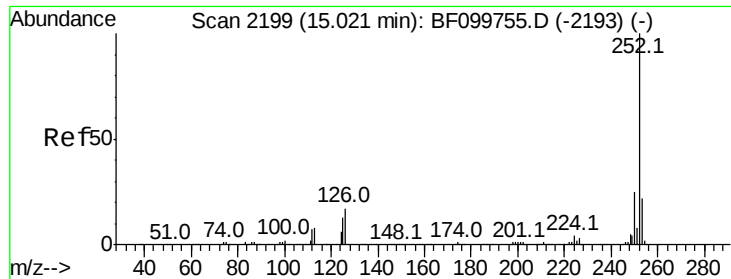
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3





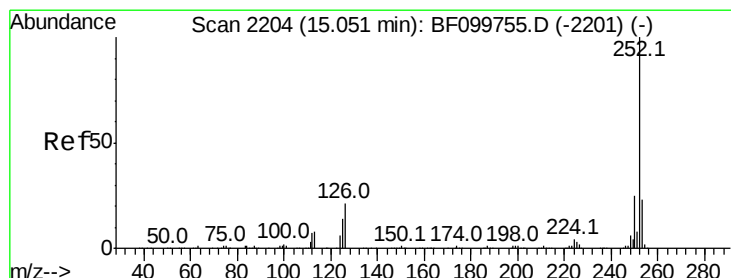
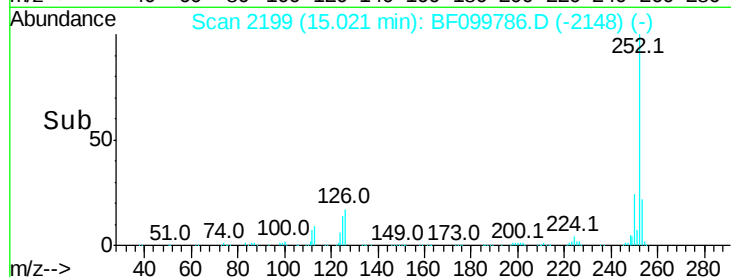
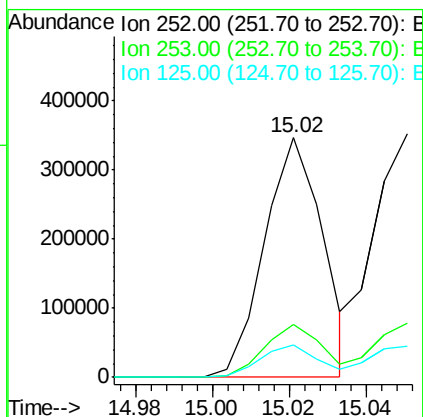
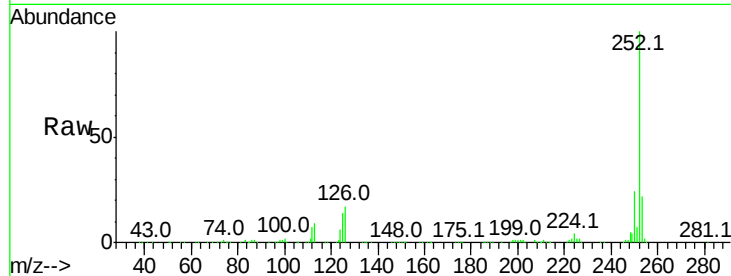
#87
Benzo(b)fluoranthene
Concen: 21.486 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.7	9.0	13.6

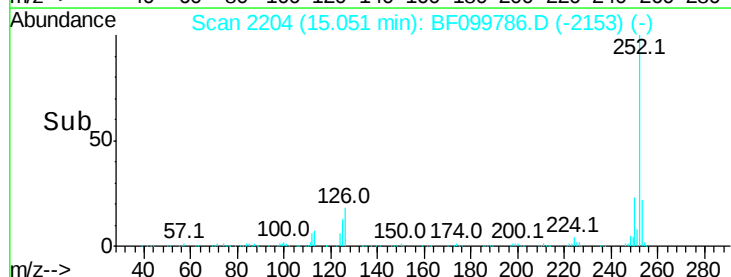
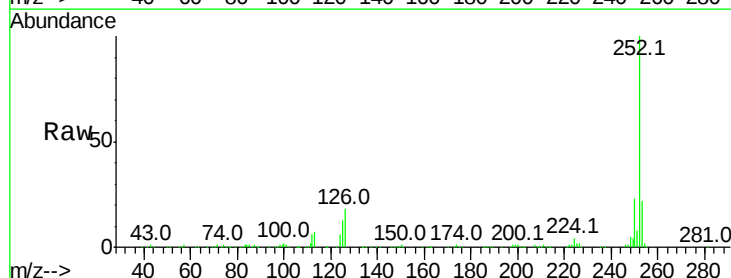
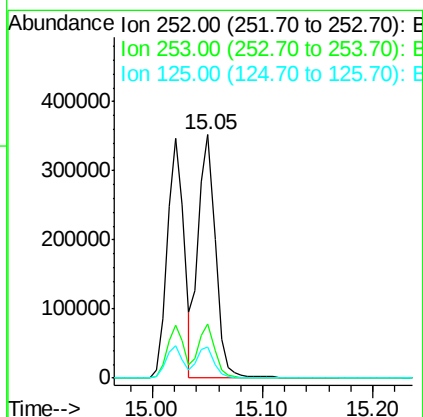
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#88
Benzo(k)fluoranthene
Concen: 23.308 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.0	10.2	15.2





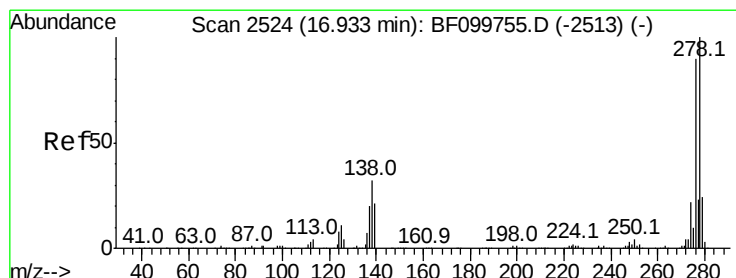
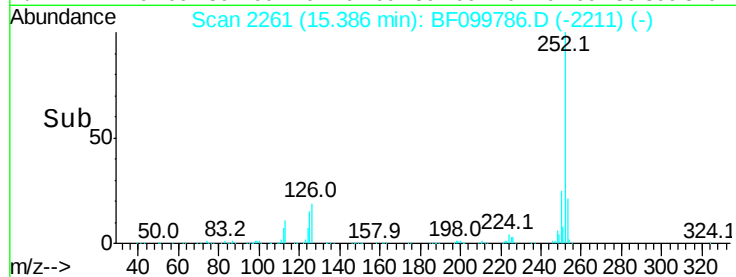
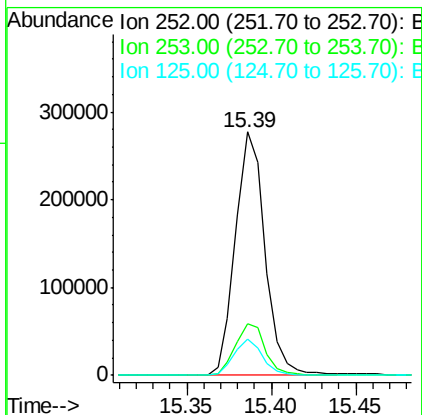
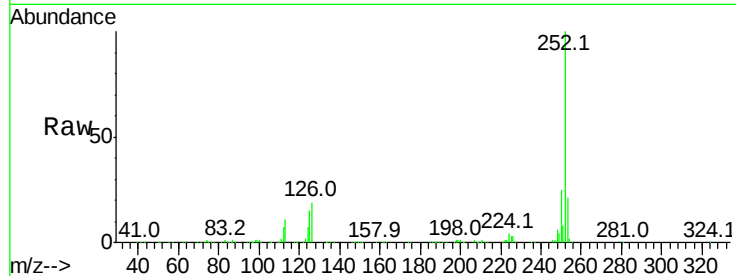
#89
Benzo(a)pyrene
Concen: 22.131 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.1	25.7
125	14.9	9.8	14.6

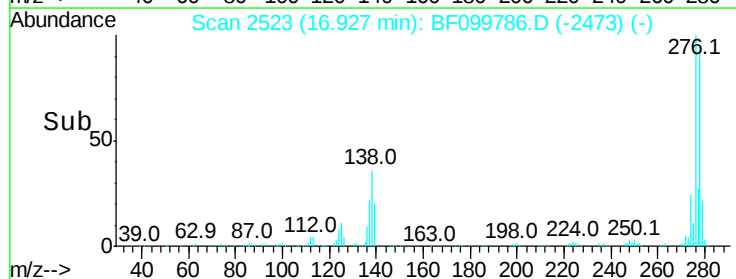
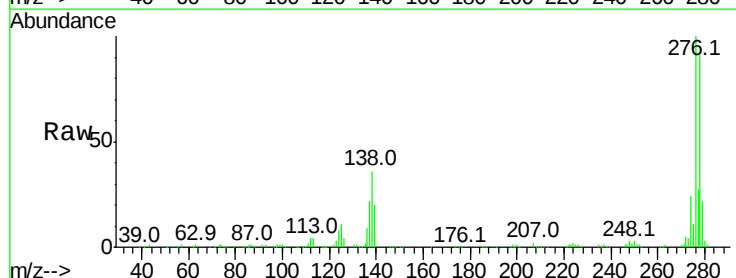
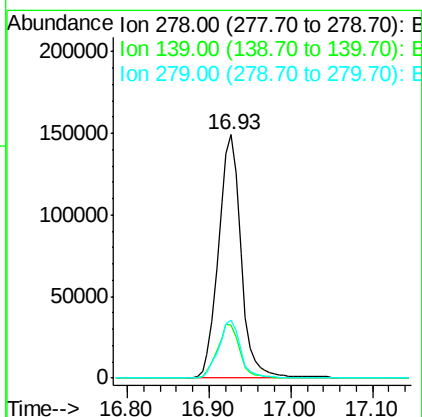
Manual Integrations
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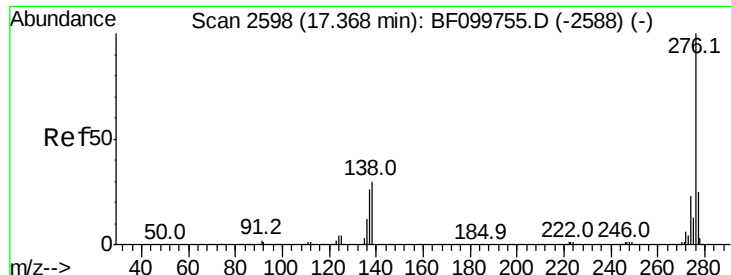
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#90
Dibenzo(a,h)anthracene
Concen: 21.071 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 22.341 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

PB103578BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	297576		
277	22.7		17.9	26.9
138	30.3		21.8	32.8

Manual Integrations
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