

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100006.D
 Acq On : 31 Oct 2017 16:41
 Operator : SJ/JU
 Sample : PB103707BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:42 PM

Quant Time: Nov 01 04:55:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88297	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	385454	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	192398	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	361767	20.00	ng	0.00
75) Chrysene-d12	13.98	240	278490	20.00	ng	0.00
86) Perylene-d12	15.47	264	234800	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	369474	65.69	ng	0.01
7) Phenol-d6	6.43	99	438586	65.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	362649	60.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	111032	63.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	794465	63.71	ng	0.00
78) Terphenyl-d14	12.91	244	802227	62.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	65819	26.502	ng	88
3) Pyridine	3.36	79	148322	24.834	ng	# 86
4) n-Nitrosodimethylamine	3.30	42	56105	26.295	ng	# 65
6) Aniline	6.46	93	100811	11.659	ng	# 71
8) 2-Chlorophenol	6.57	128	195776	32.661	ng	94
9) Benzaldehyde	6.35	77	79027	19.831	ng	86
10) Phenol	6.45	94	223778	30.563	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	174511	30.865	ng	94
12) 1,3-Dichlorobenzene	6.72	146	206408	30.668	ng	95
13) 1,4-Dichlorobenzene	6.80	146	210401	30.802	ng	96
14) 1,2-Dichlorobenzene	6.96	146	195505	31.404	ng	96
15) Benzyl Alcohol	6.94	79	132941	31.347	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	219424	34.936	ng	# 29
17) 2-Methylphenol	7.05	107	156368	31.187	ng	# 94
18) Hexachloroethane	7.29	117	69245	30.385	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	119692	30.628	ng	# 88
20) 3+4-Methylphenols	7.21	107	209726	35.923	ng	# 78
22) Acetophenone	7.20	105	255595	29.123	ng	# 93
24) Nitrobenzene	7.37	77	180138	29.861	ng	94
25) Isophorone	7.61	82	345426	31.795	ng	98
26) 2-Nitrophenol	7.69	139	107707	31.173	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	178544	35.071	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	231208	30.388	ng	99
29) 2,4-Dichlorophenol	7.94	162	173228	32.755	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	169791	30.048	ng	97
31) Naphthalene	8.09	128	553158	29.730	ng	100
32) Benzoic acid	7.88	122	83506	18.635	ng	94
33) 4-Chloroaniline	8.16	127	69909	9.099	ng	# 95
34) Hexachlorobutadiene	8.20	225	83981	28.894	ng	97
35) Caprolactam	8.53	113	54082m	32.519	ng	
36) 4-Chloro-3-methylphenol	8.65	107	173521	32.146	ng	91
37) 2-Methylnaphthalene	8.78	142	398934	31.995	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	167327	26.928	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	42311	42.858	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	110179	29.313	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	116658	29.247	nq #	91
45) 1,1'-Biphenyl	9.25	154	482774	27.737	nq	99
46) 2-Chloronaphthalene	9.27	162	374984	29.666	nq	96
47) 2-Nitroaniline	9.39	65	97243	29.312	nq #	77
48) Acenaphthylene	9.69	152	559852	28.757	nq	99
49) Dimethylphthalate	9.55	163	437552	28.718	nq	99
50) 2,6-Dinitrotoluene	9.63	165	99550	31.080	nq #	76
51) Acenaphthene	9.86	154	341204	28.683	nq	99
52) 3-Nitroaniline	9.80	138	46791	12.398	nq #	93
53) 2,4-Dinitrophenol	9.93	184	42472	36.927	nq #	84
54) Dibenzofuran	10.03	168	510522	30.403	nq	99
55) 4-Nitrophenol	9.99	139	77599	39.351	nq	78
56) 2,4-Dinitrotoluene	10.04	165	128504	33.314	nq	91
57) Fluorene	10.38	166	423223	30.441	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	91729	32.800	nq #	89
59) Diethylphthalate	10.25	149	443756	29.824	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	194858	29.780	nq	96
61) 4-Nitroaniline	10.42	138	96064	26.679	nq	85
62) Azobenzene	10.53	77	374794	30.049	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	47562	20.915	nq #	77
65) n-Nitrosodiphenylamine	10.49	169	376367	28.183	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	114573	30.083	nq	90
67) Hexachlorobenzene	10.93	284	115377	29.612	nq	97
68) Atrazine	11.02	200	120466	30.030	nq	98
69) Pentachlorophenol	11.13	266	72460	43.522	nq	98
70) Phenanthrene	11.35	178	599425	29.360	nq	99
71) Anthracene	11.40	178	622791	30.052	nq	99
72) Carbazole	11.56	167	580112	29.767	nq	98
73) Di-n-butylphthalate	11.87	149	733032	29.490	nq #	98
74) Fluoranthene	12.54	202	632774	29.824	nq	100
76) Benzidine	12.67	184	182317	14.961	nq	97
77) Pyrene	12.77	202	643625	30.394	nq	99
79) Butylbenzylphthalate	13.37	149	306767	29.418	nq	92
80) Benzo(a)anthracene	13.97	228	513684	29.097	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	105642	16.485	nq	98
82) Chrysene	14.01	228	492149	29.652	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	425529	29.058	nq	98
84) Di-n-octyl phthalate	14.56	149	725723	28.874	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.96	276	355553	23.335	nq	96
87) Benzo(b)fluoranthene	15.04	252	466954m	31.495	nq	
88) Benzo(k)fluoranthene	15.07	252	422398	30.212	nq	99
89) Benzo(a)pyrene	15.41	252	414200	31.100	nq #	97
90) Dibenzo(a,h)anthracene	16.96	278	298067	25.187	nq	97
91) Benzo(g,h,i)perylene	17.41	276	292716	25.282	nq	97

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

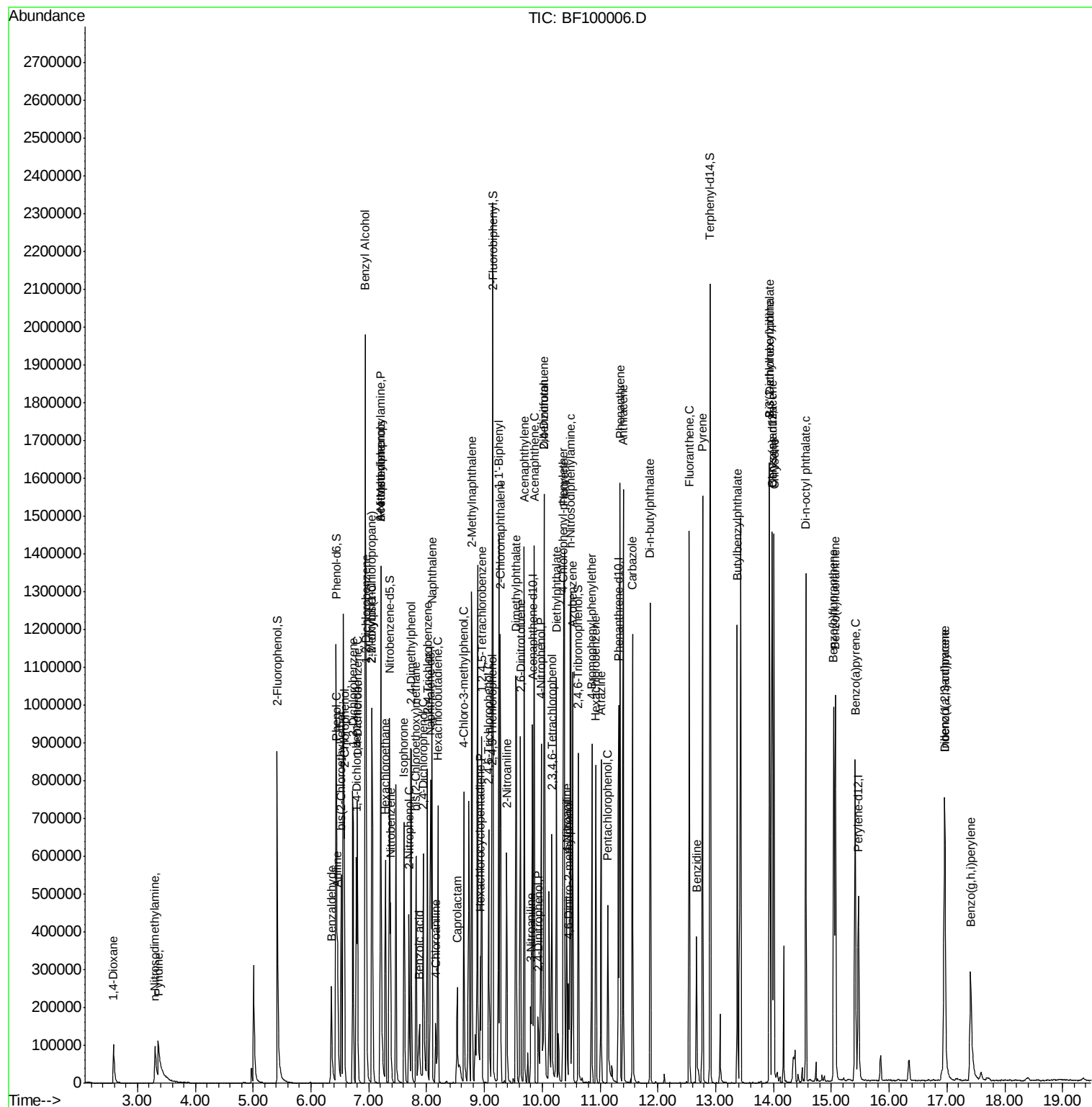
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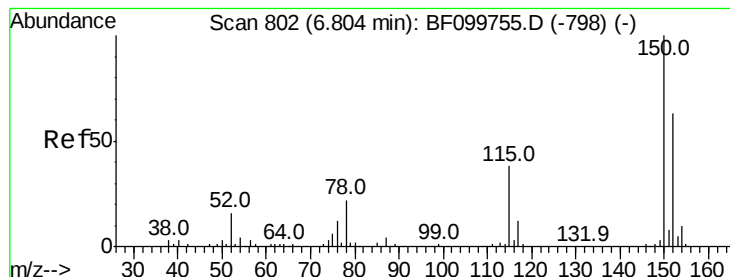
Instrument :
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 ClientSampleID :
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#1

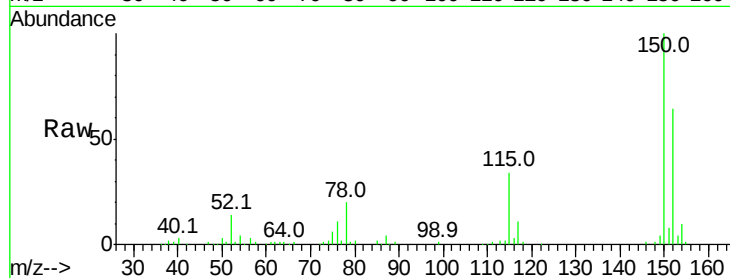
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

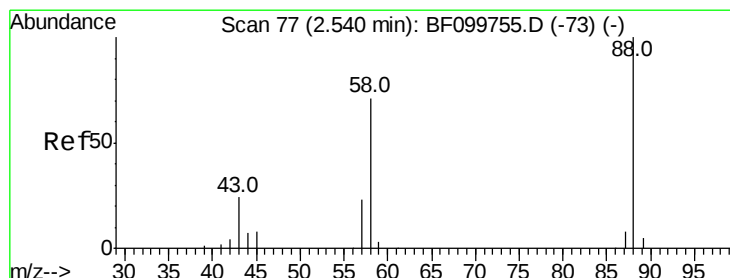
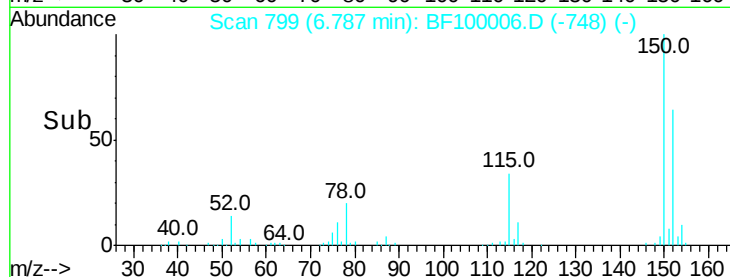
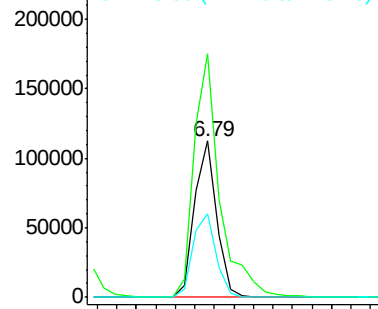
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	53.8	50.1	75.1

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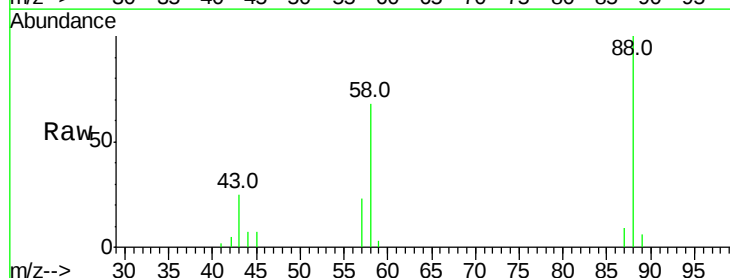
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



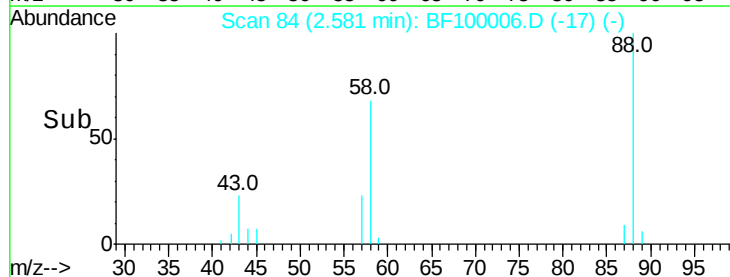
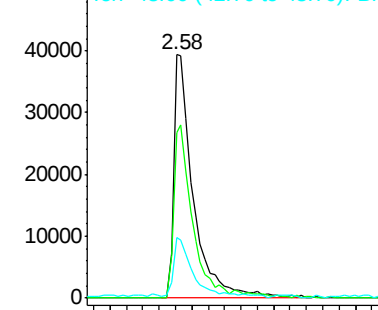
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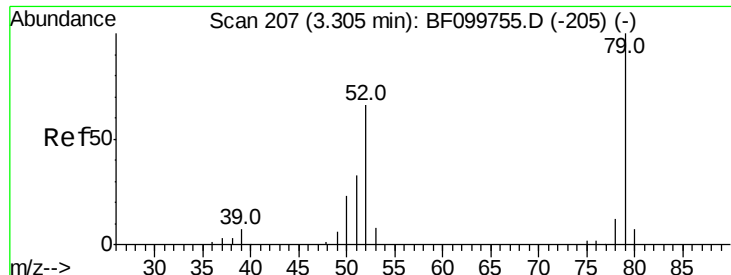
1,4-Dioxane
Concen: 26.502 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.09 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	62.6	93.8
43	26.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





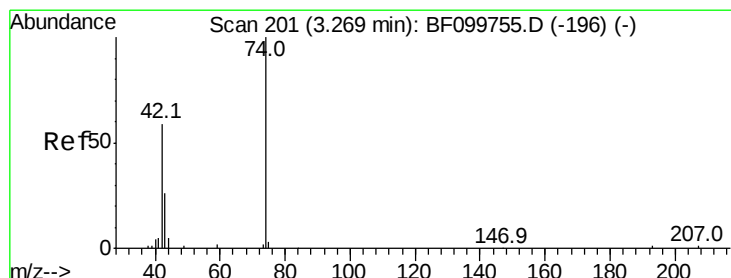
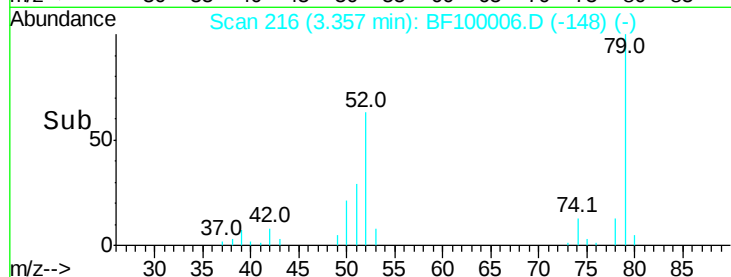
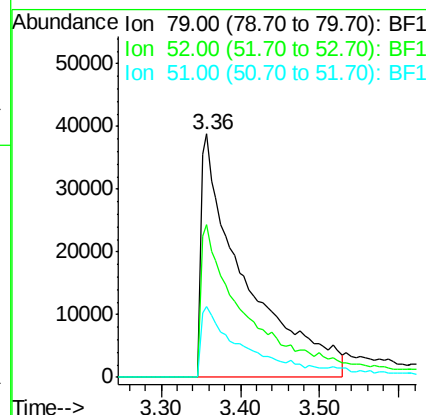
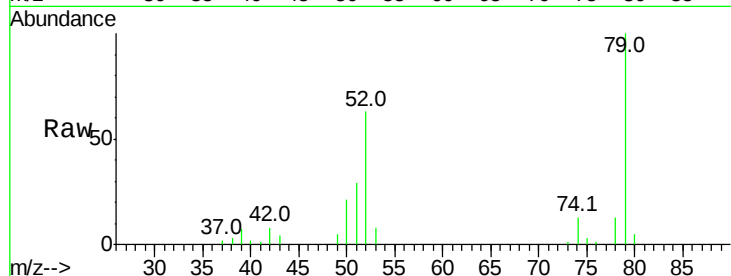
#3
 Pvridine
 Concen: 24.834 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.10 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
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 ClientSampleId :
 PB103707BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.5	59.8	89.6
51	29.3	29.8	44.8#

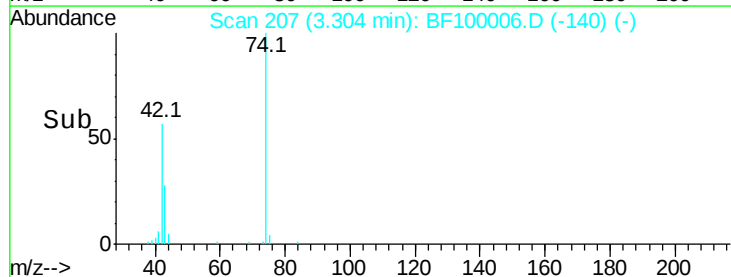
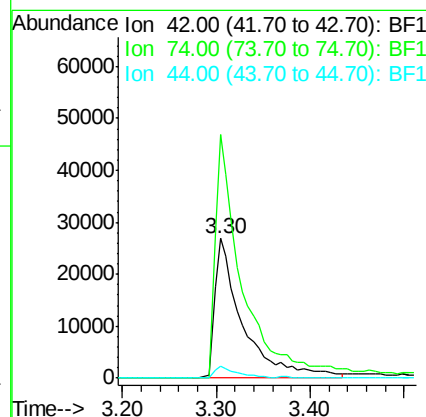
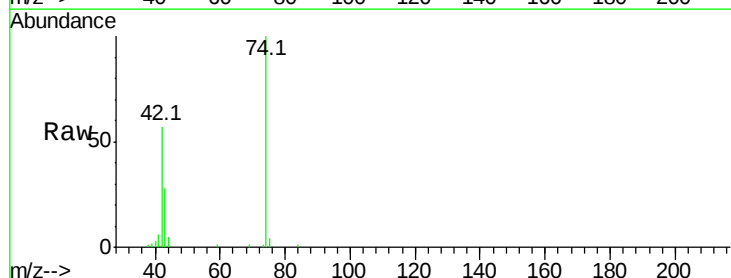
Manual Integrations
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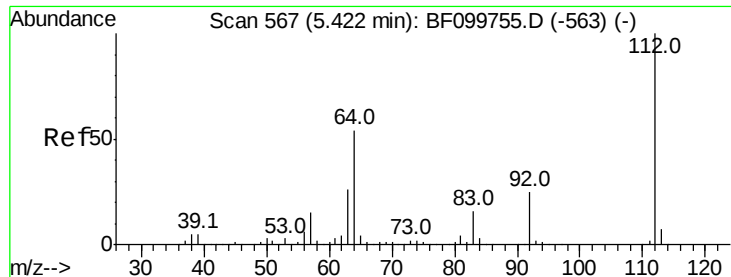
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#4
 n-Nitrosodimethylamine
 Concen: 26.295 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.09 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	174.5	104.9	157.3#
44	8.8	6.9	10.3





#5

2-Fluorophenol

Concen: 65.694 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

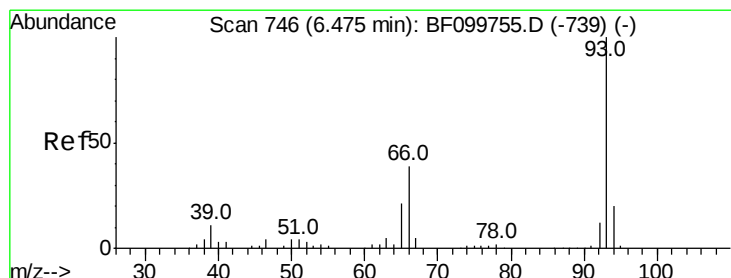
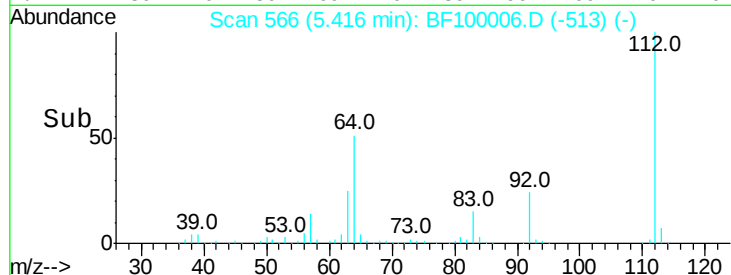
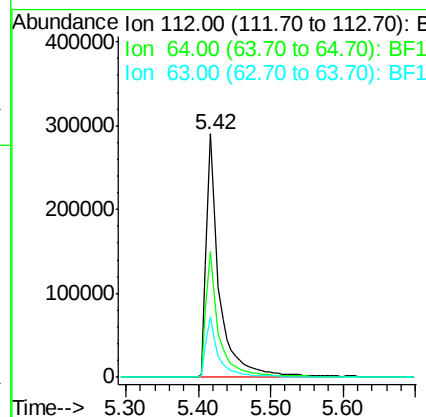
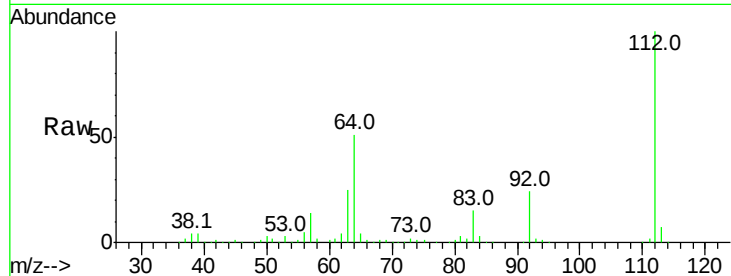
ClientSampled :

PB103707BS

Tot Ion:	112	Resp:	369474
Ion Ratio	Lower	Upper	
112	100		
64	51.4	47.9	71.9
63	24.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 11.659 ng

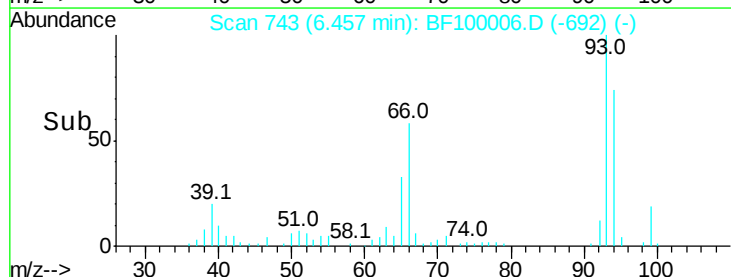
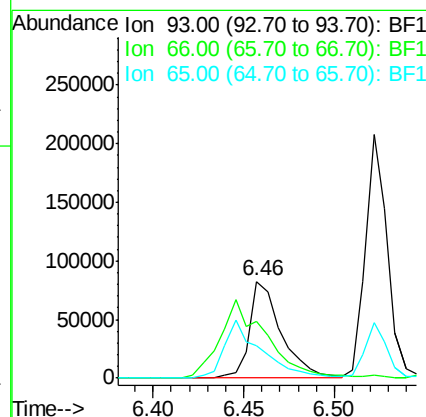
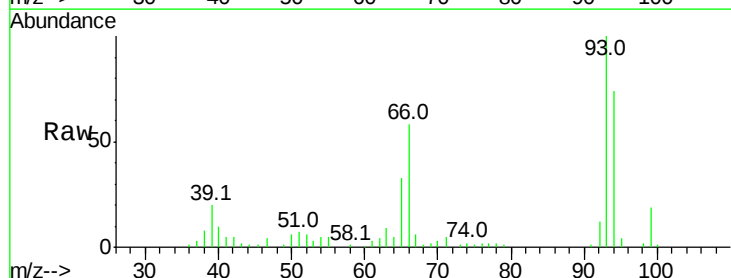
RT: 6.46 min Scan# 743

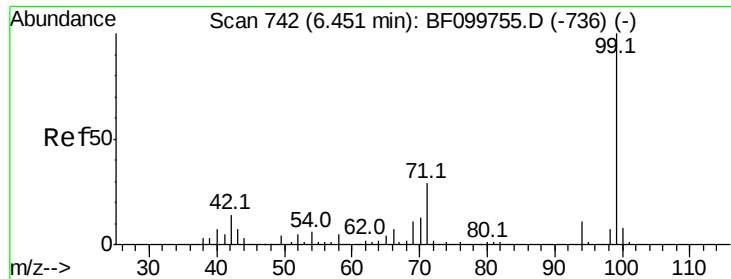
Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	93	Resp:	100811
Ion Ratio	Lower	Upper	
93	100		
66	58.3	32.2	48.2#
65	33.3	16.4	24.6#





#7

Phenol-d6

Concen: 65.768 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

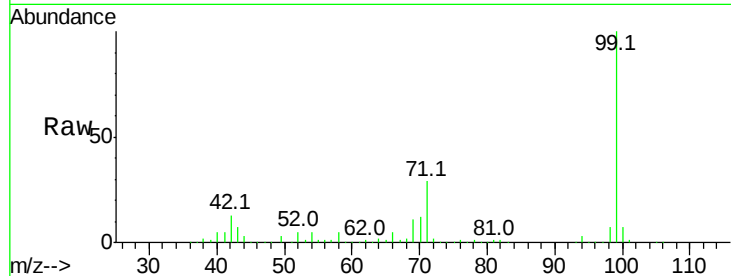
ClientSampleId :

PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	438586		
42	13.1		14.5	21.7#
71	28.5		25.4	38.0

Manual Integrations
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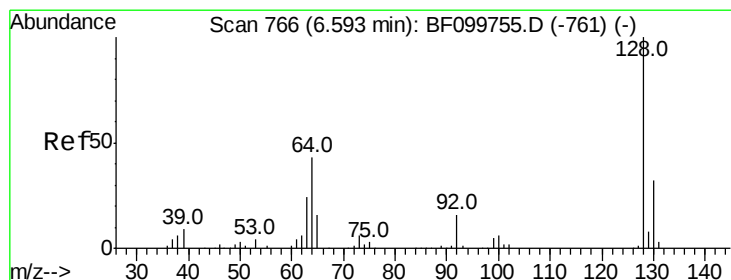
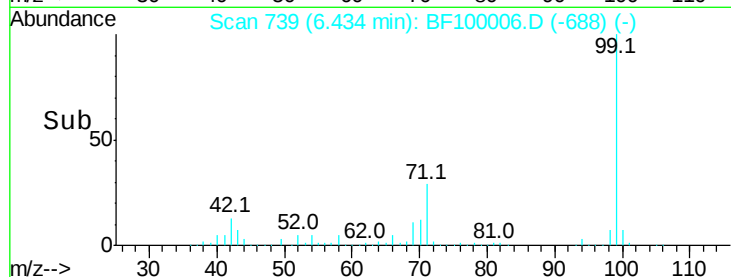
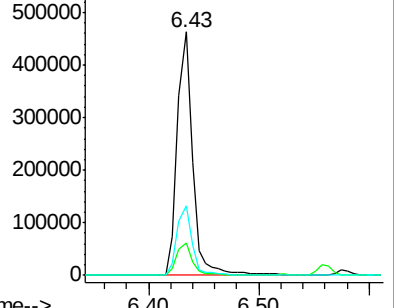
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.661 ng

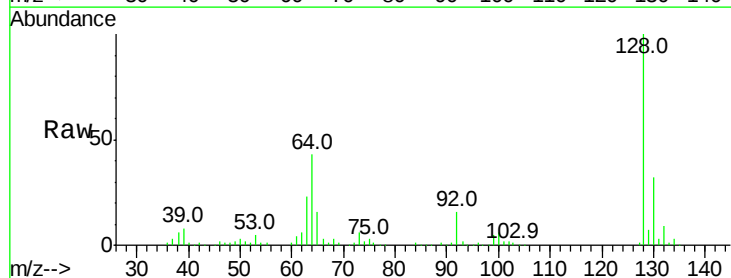
RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

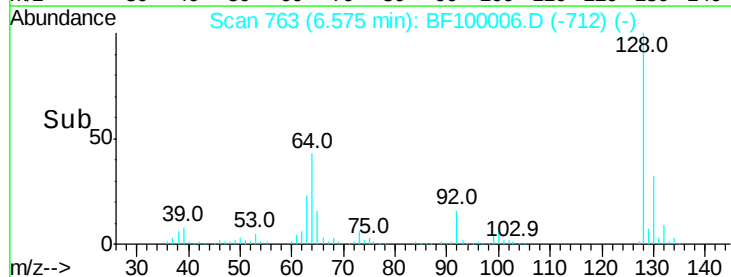
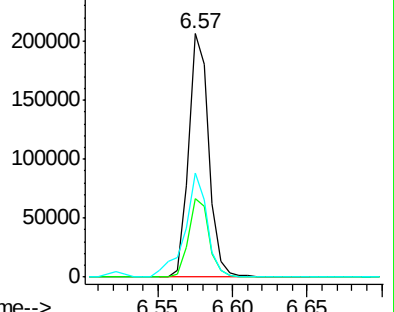
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	195776		
130	32.4		13.0	53.0
64	42.5		29.4	69.4

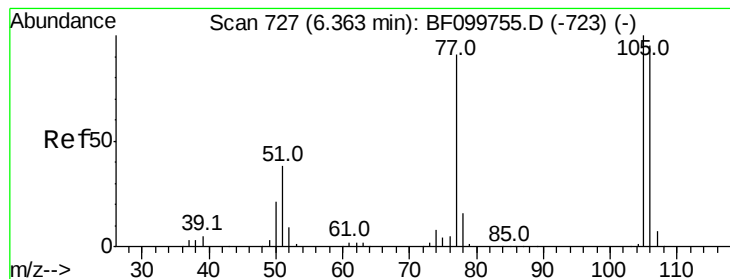


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.831 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

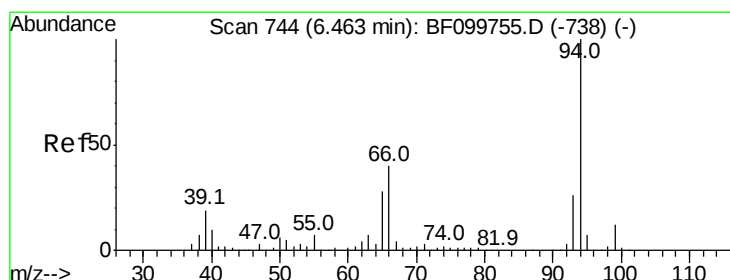
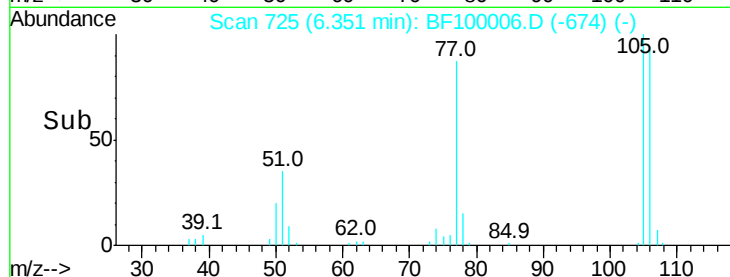
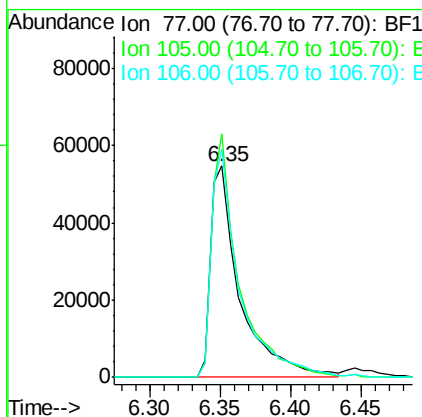
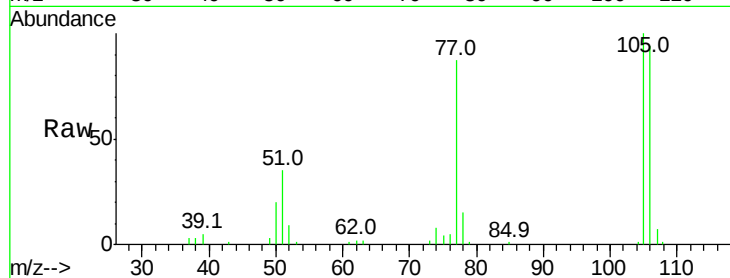
ClientSampleId :

PB103707BS

Tot Ion:	77	Resp:	79027
Ion Ratio	Lower	Upper	
77	100		
105	115.3	81.1	121.1
106	108.3	74.5	114.5

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#10

Phenol

Concen: 30.563 ng

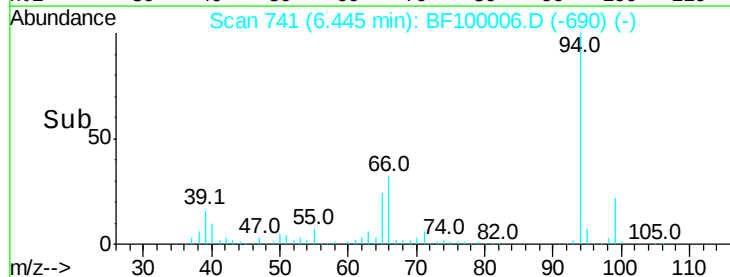
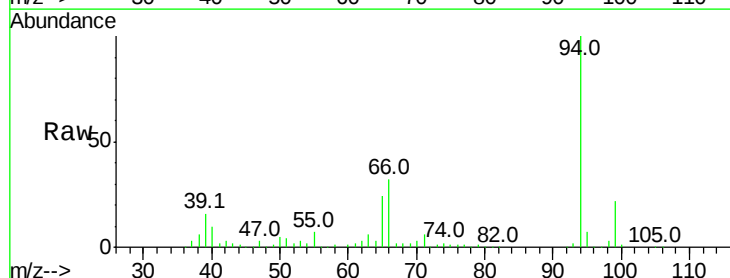
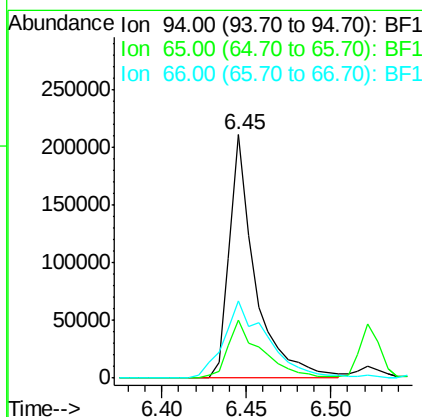
RT: 6.45 min Scan# 741

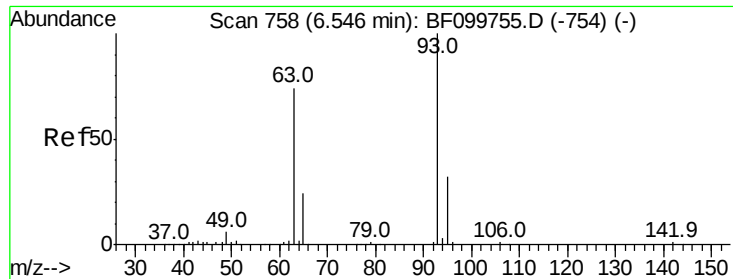
Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	94	Resp:	223778
Ion Ratio	Lower	Upper	
94	100		
65	23.7	7.9	47.9
66	31.8	16.2	56.2





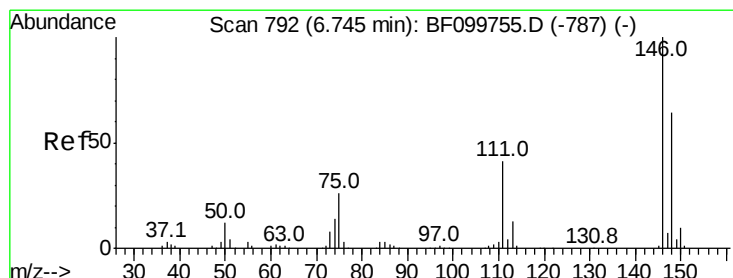
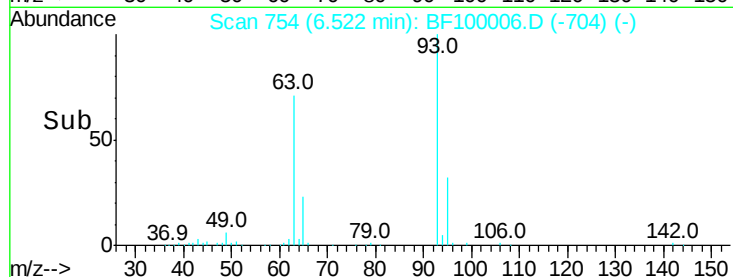
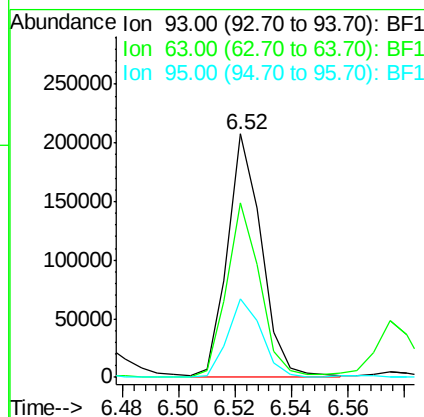
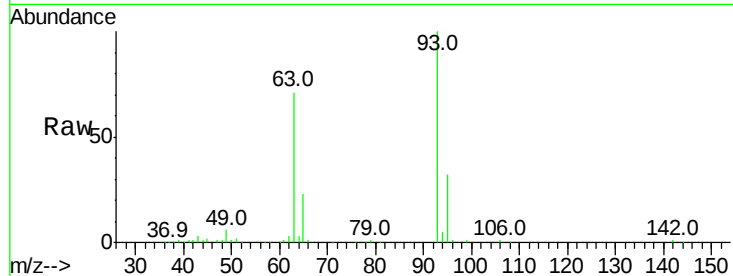
#11
bis(2-Chloroethyl)ether
Concen: 30.865 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB103707BS

Tot Ion:	93	Resp:	174511
Ion Ratio	Lower	Upper	
93	100		
63	71.4	58.6	98.6
95	32.1	11.8	51.8

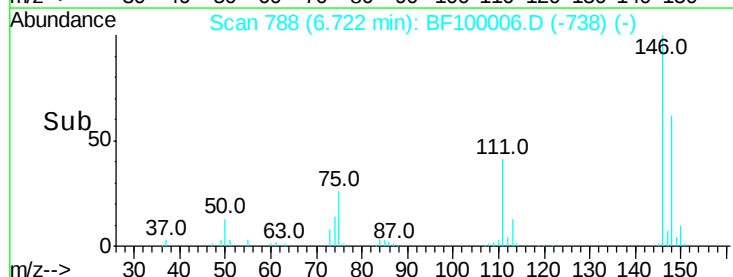
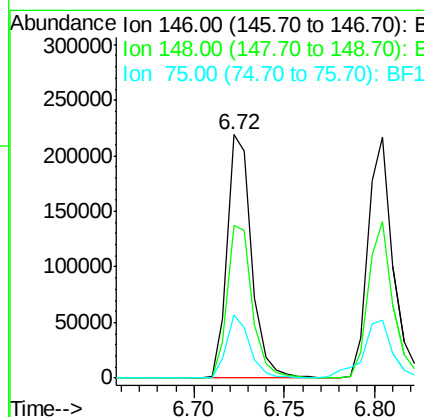
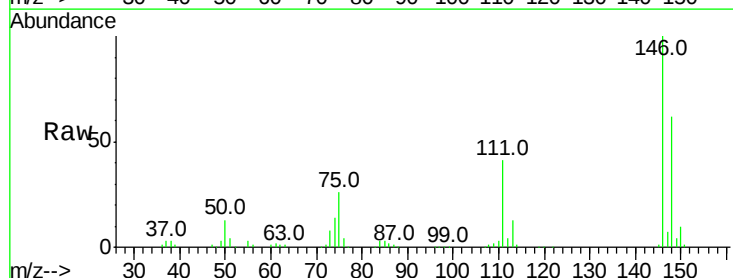
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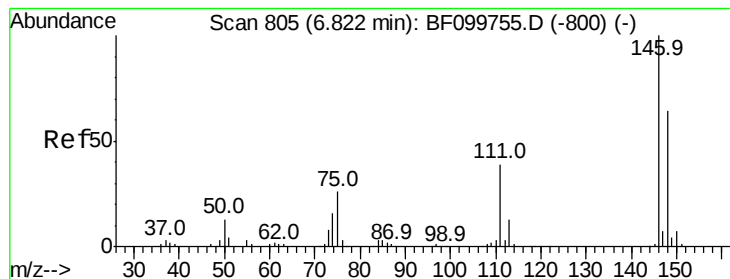
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#12
1,3-Dichlorobenzene
Concen: 30.668 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion:	146	Resp:	206408
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.8
75	25.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.802 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

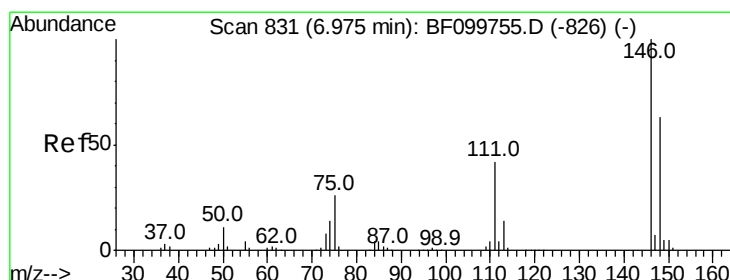
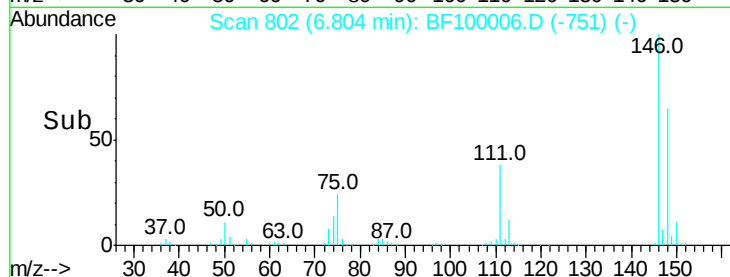
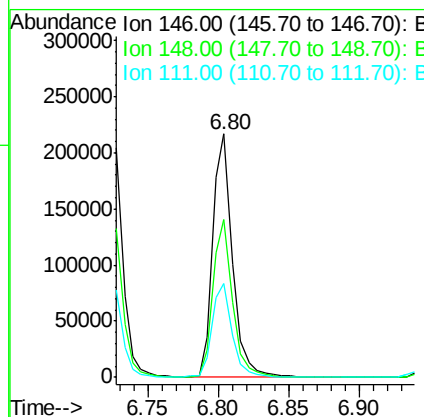
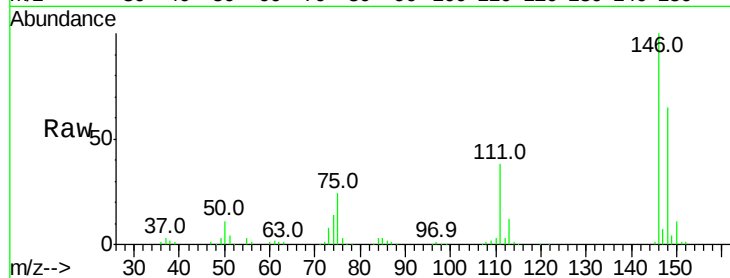
ClientSampled :

PB103707BS

Tot Ion:	146	Resp:	210401
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	38.5	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 31.404 ng

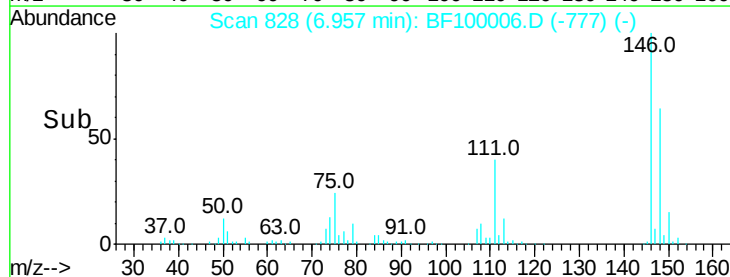
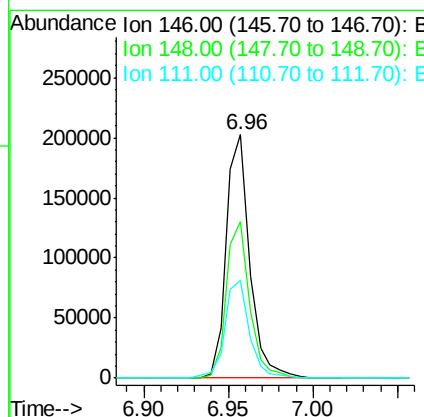
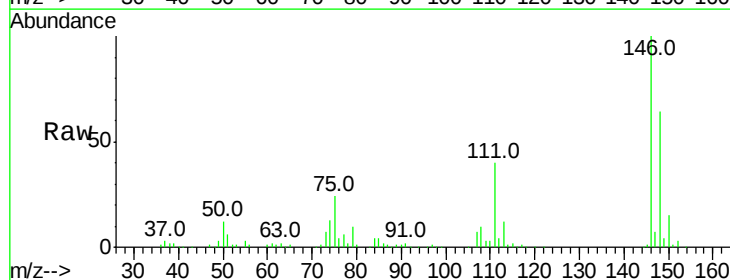
RT: 6.96 min Scan# 828

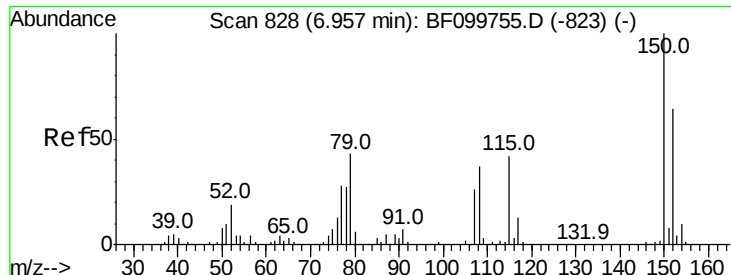
Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	146	Resp:	195505
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	40.0	36.0	54.0





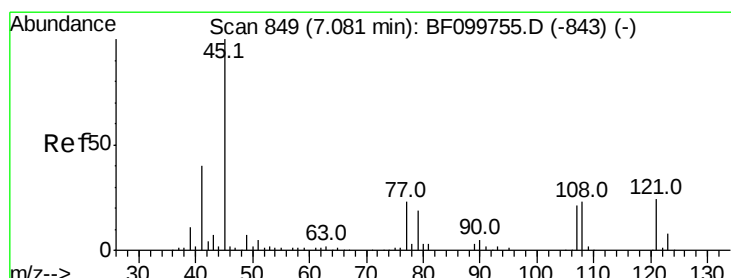
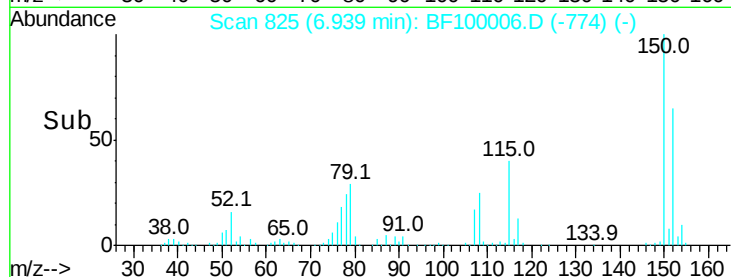
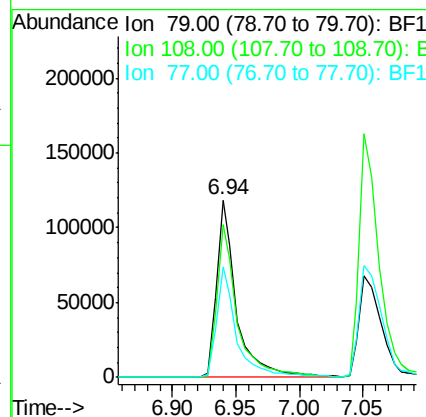
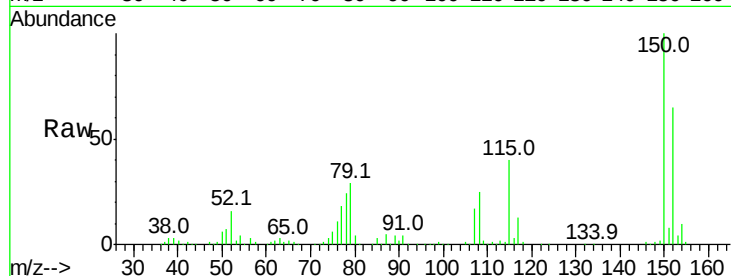
#15
Benzyl Alcohol
Concen: 31.347 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB103707BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.4	65.1	97.7
77	62.2	50.6	75.8

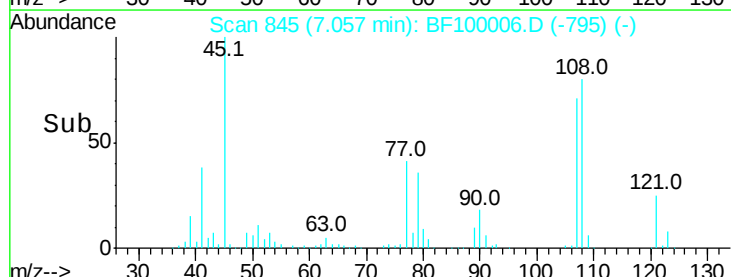
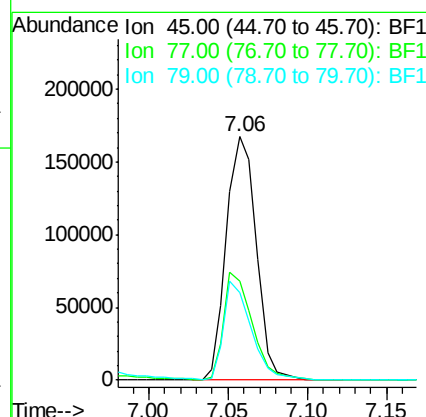
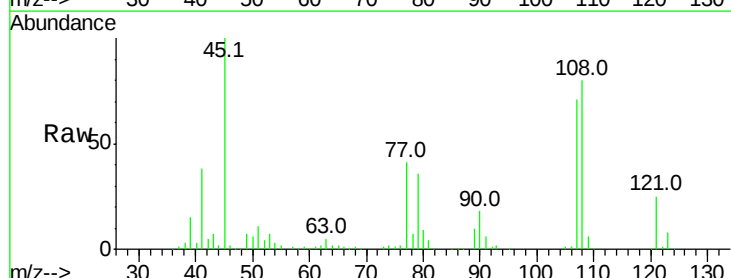
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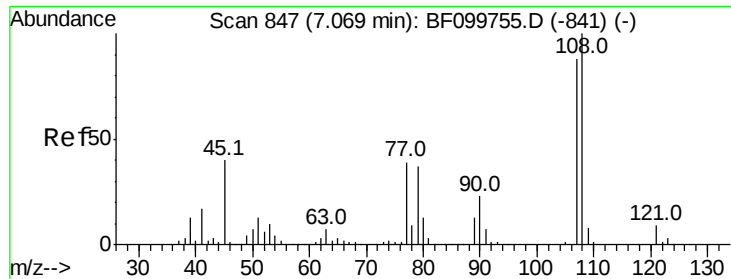
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.936 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.8	0.0	32.9#
79	36.1	0.0	29.6#





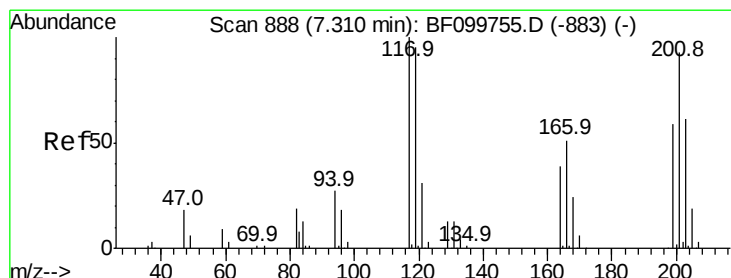
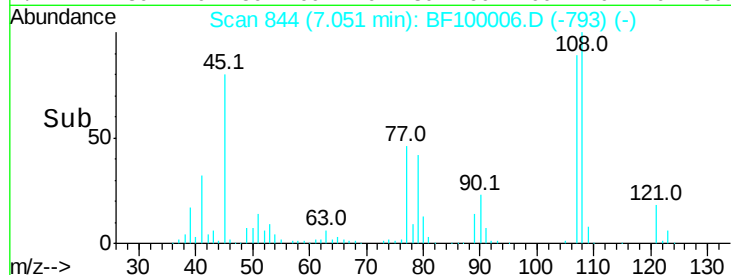
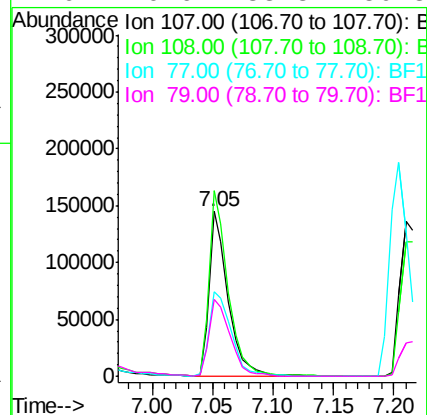
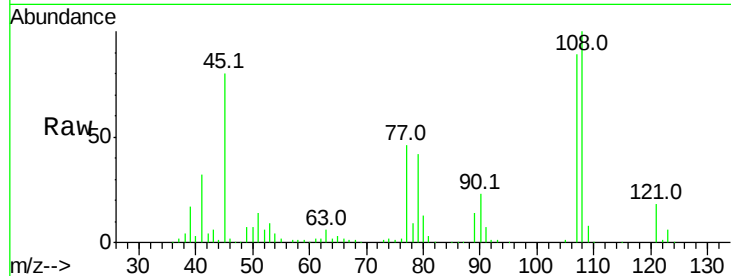
#17
2-Methylphenol
Concen: 31.187 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	156368		
108	112.1	91.7	137.5	
77	51.3	33.8	50.8#	
79	46.6	33.8	50.8	

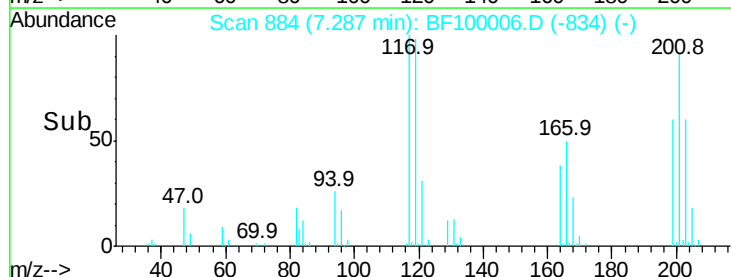
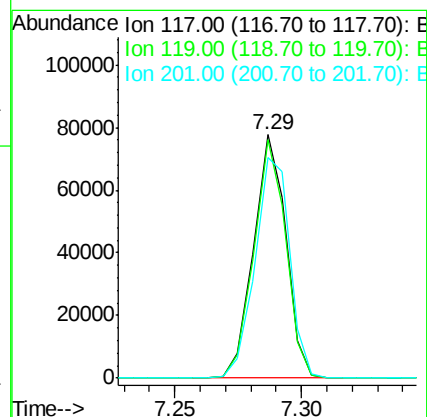
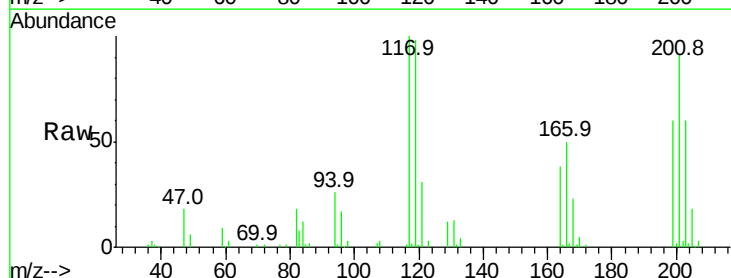
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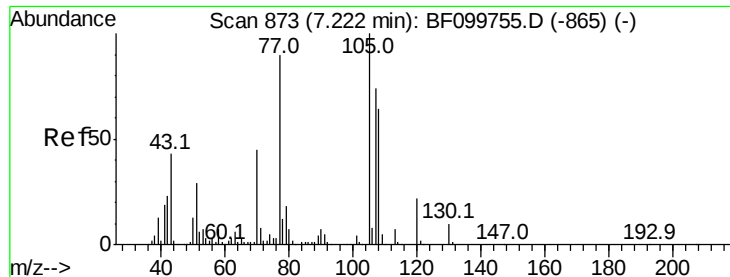
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#18
Hexachloroethane
Concen: 30.385 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69245		
119	98.0	75.8	113.8	
201	90.8	75.7	113.5	





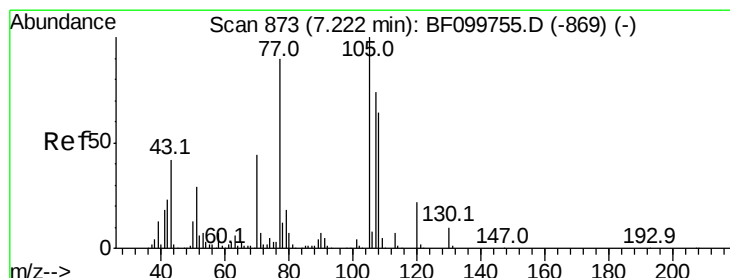
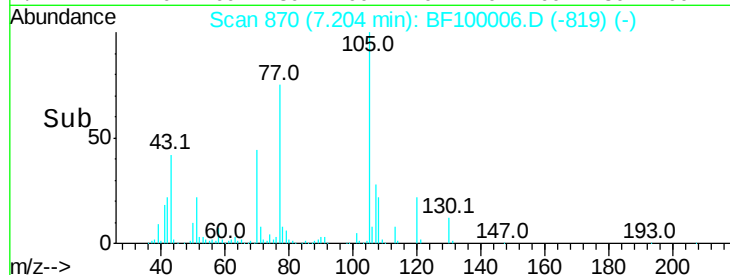
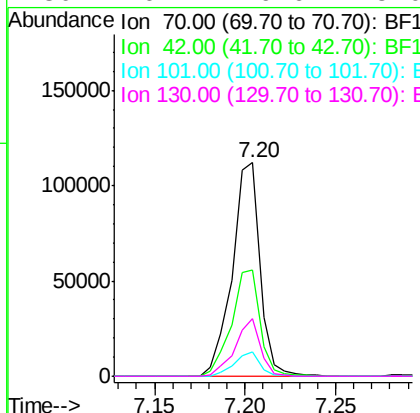
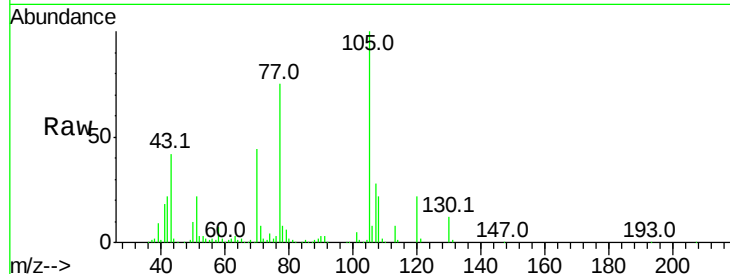
#19
n-Nitroso-di-n-propylamine
Concen: 30.628 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	11.2	7.4	11.2#
130	26.7	16.6	25.0#

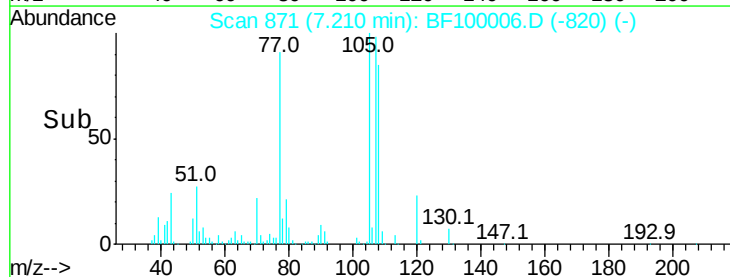
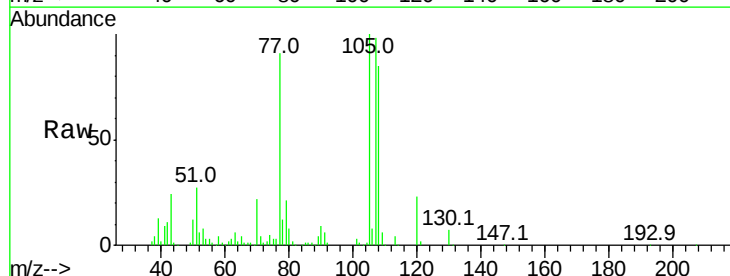
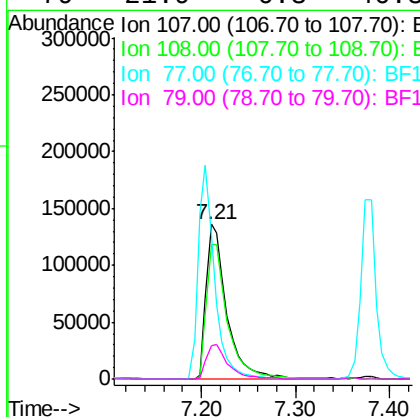
Manual Integrations
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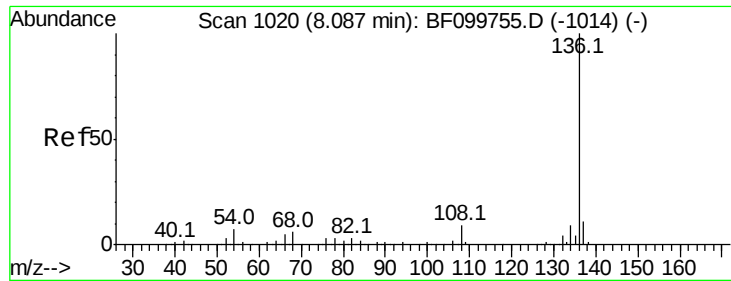
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#20
3+4-Methylphenols
Concen: 35.923 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	92.9	26.7	66.7#
79	21.9	6.3	46.3





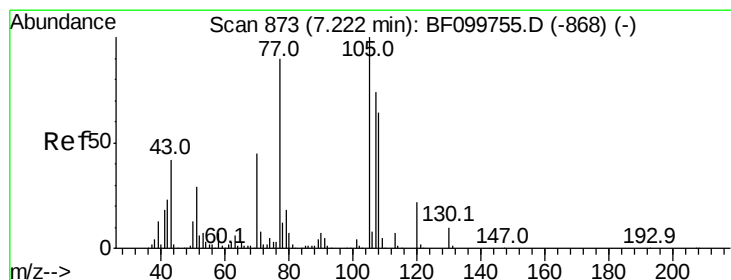
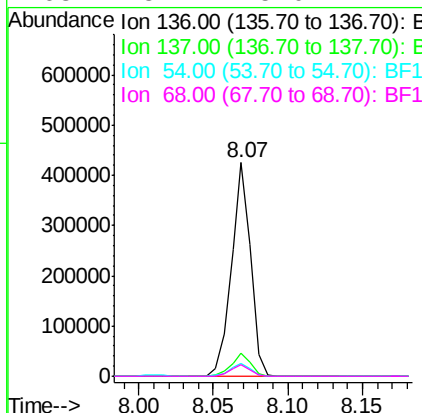
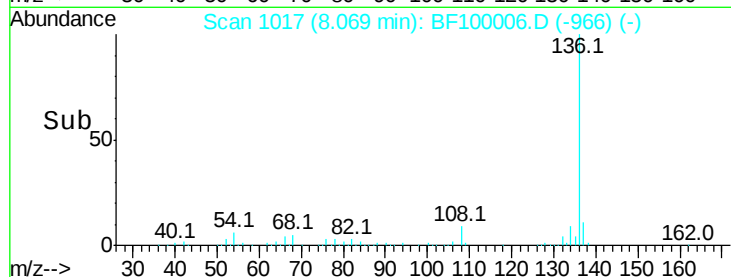
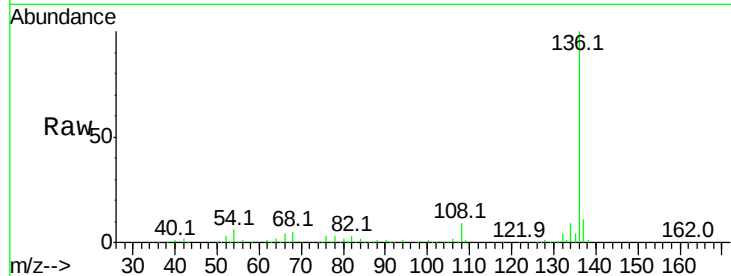
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.2	6.6	9.8	
68	5.4	5.0	7.4	

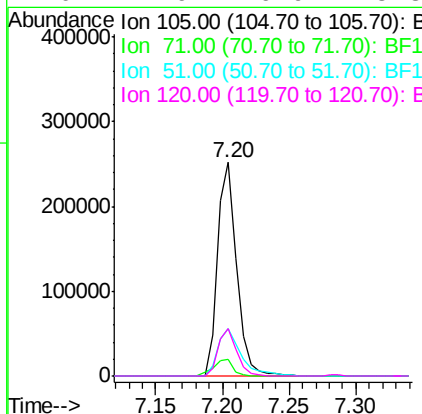
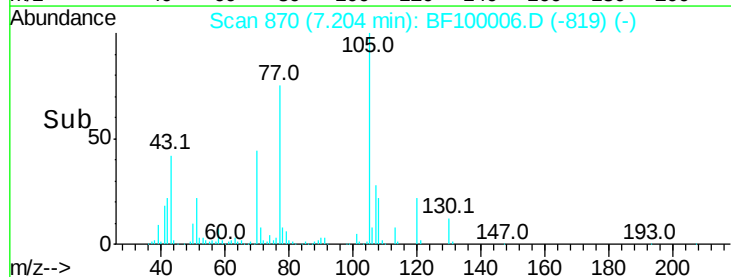
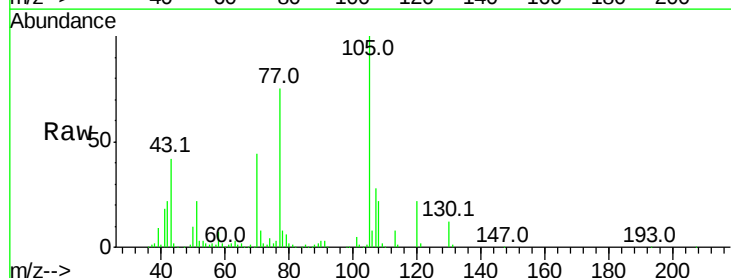
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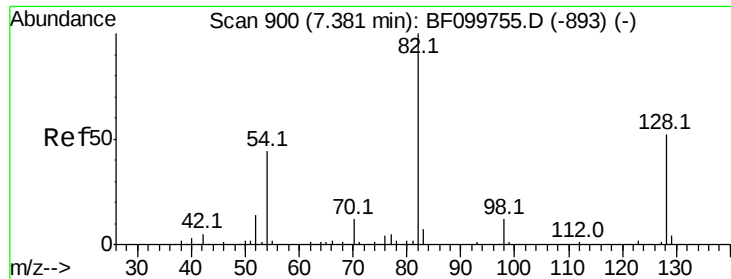
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#22
Acetophenone
Concen: 29.123 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.4	6.6	
51	22.2	22.3	33.5	
120	21.9	16.9	25.3	





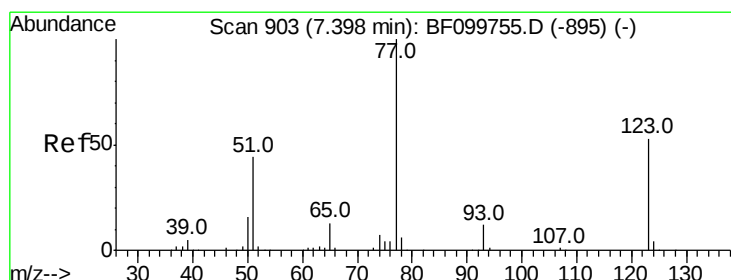
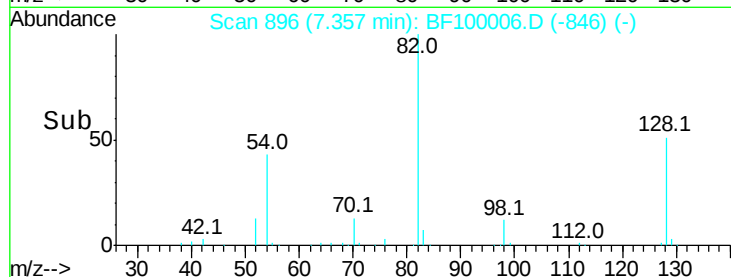
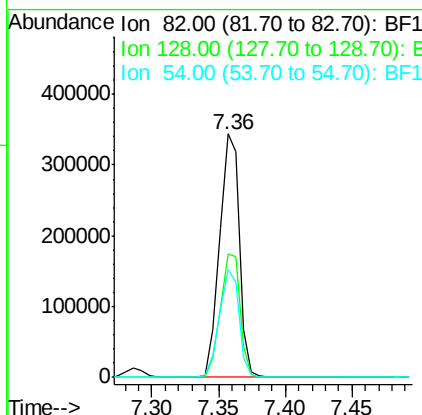
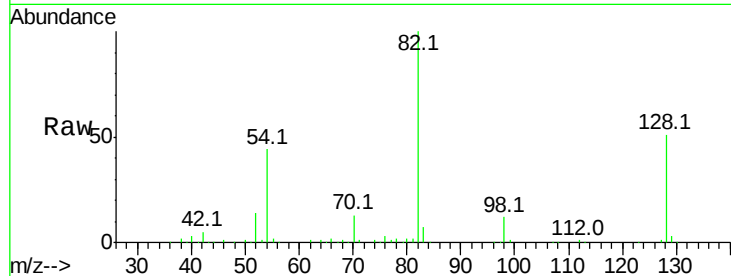
#23
Nitrobenzene-d5
Concen: 60.571 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	44.1	41.4	62.2

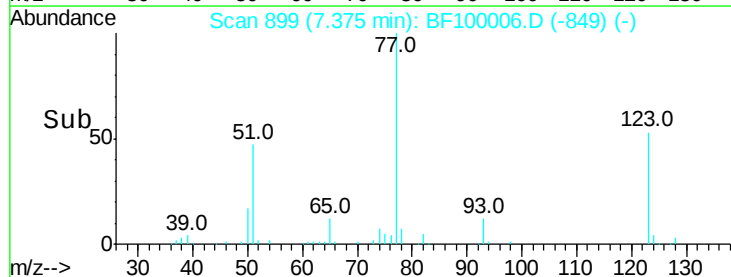
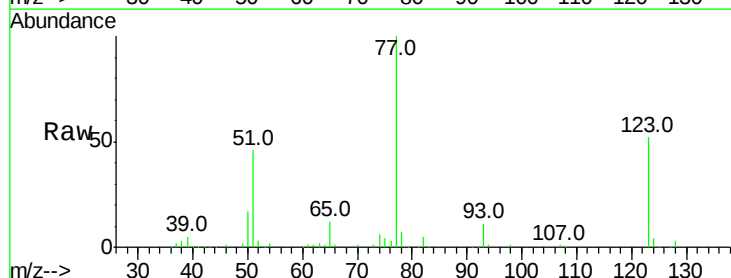
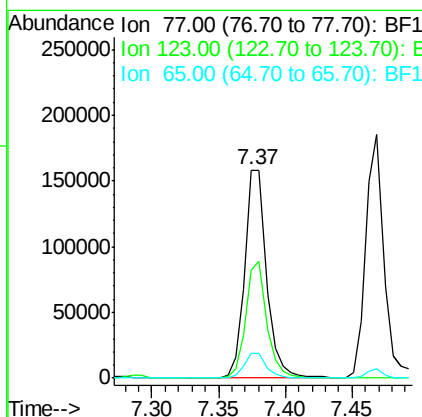
Manual Integrations
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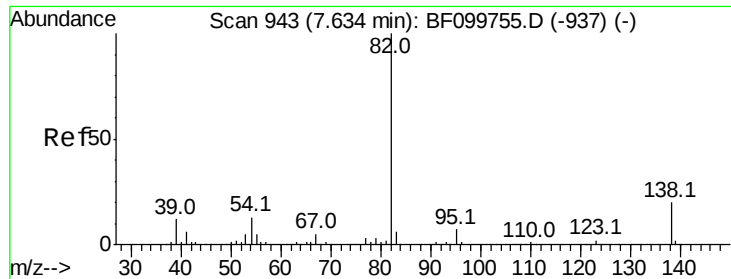
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#24
Nitrobenzene
Concen: 29.861 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	37.9	56.9
65	12.1	11.0	16.4





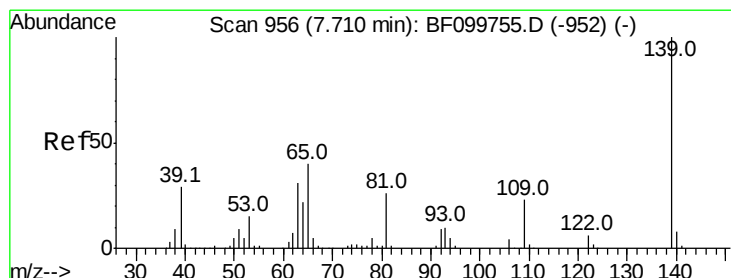
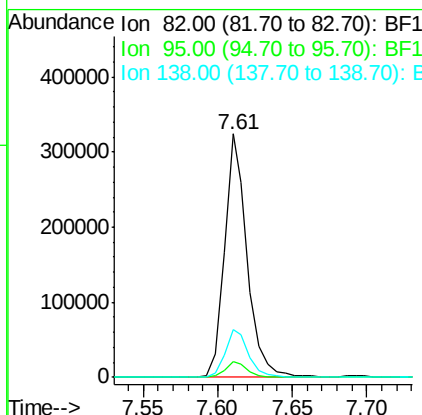
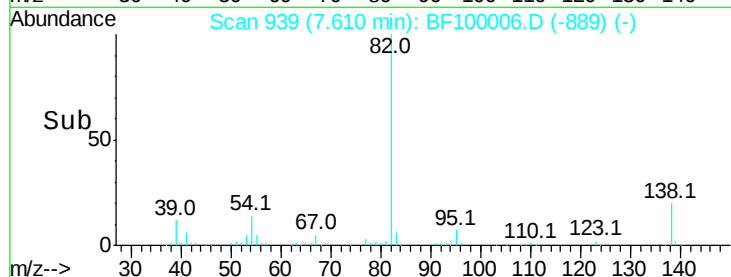
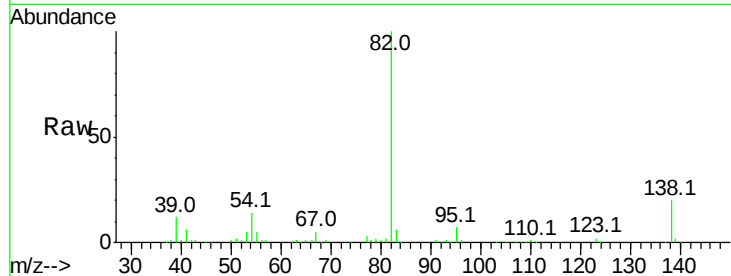
#25
Isophorone
Concen: 31.795 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	82	Resp	345426
Ion Ratio	100	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	19.8	14.9	22.3

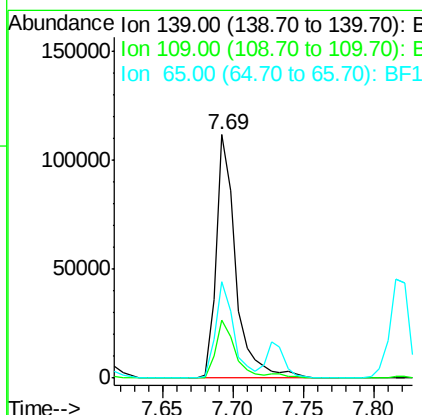
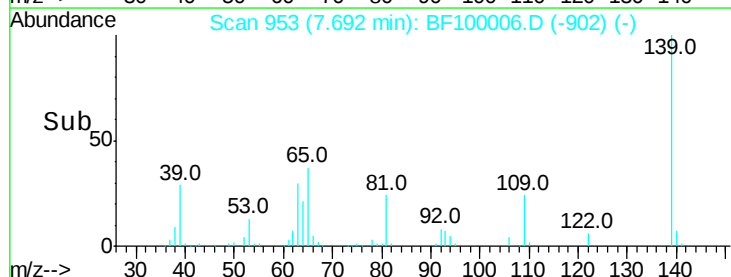
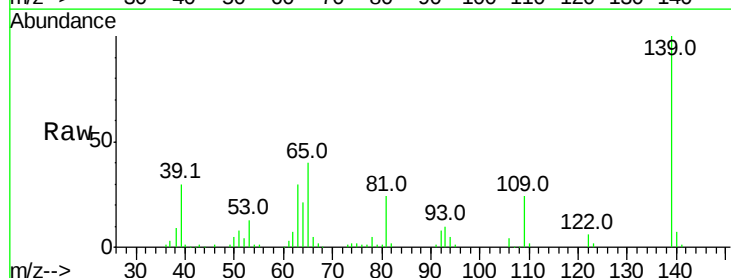
Manual Integrations
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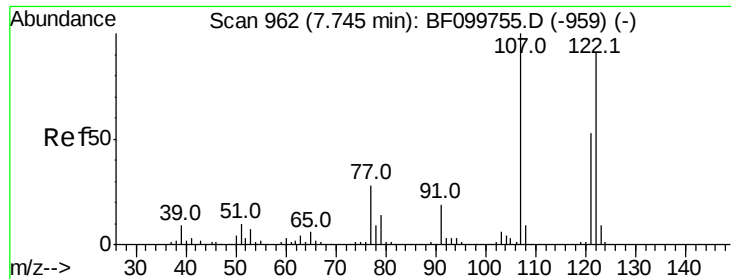
Sohil
11/1/2017 2:37:42 PM



#26
2-Nitrophenol
Concen: 31.173 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	139	Resp	107707
Ion Ratio	100	Lower	Upper
139	100		
109	23.8	22.7	34.1
65	39.8	40.5	60.7





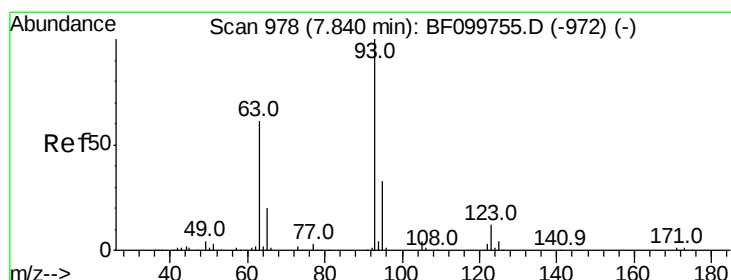
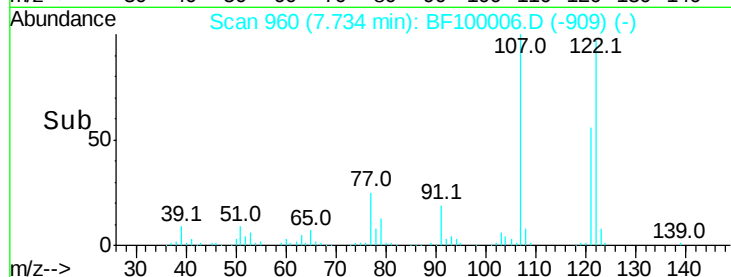
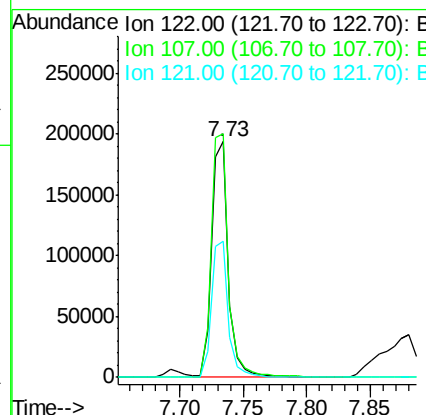
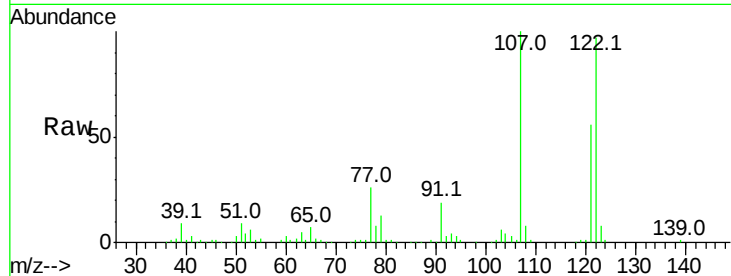
#27
2,4-Dimethylphenol
Concen: 35.071 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		178544		
107	103.4	91.2	136.8		
121	57.9	47.2	70.8		

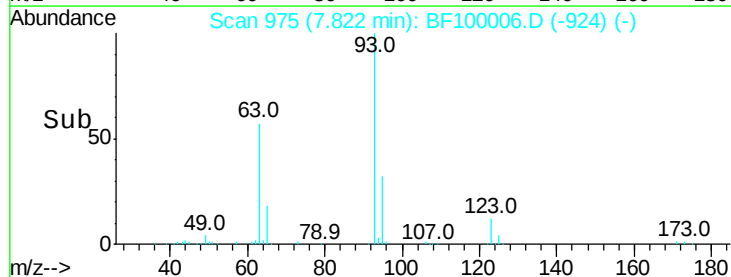
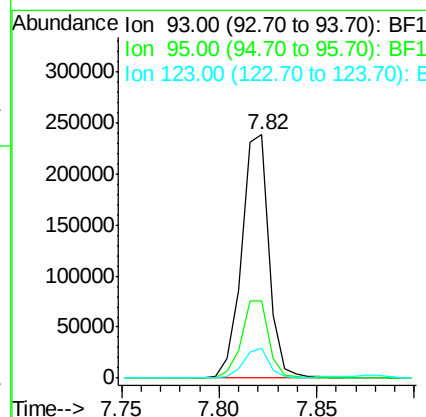
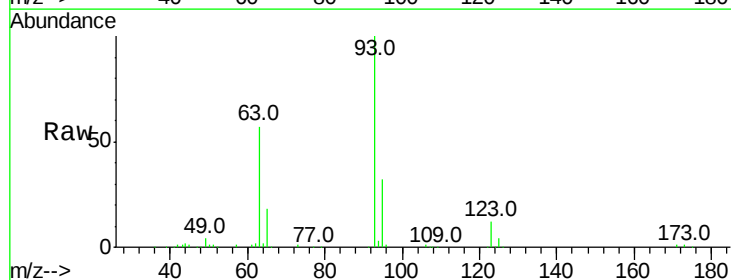
Manual Integrations
APPROVED

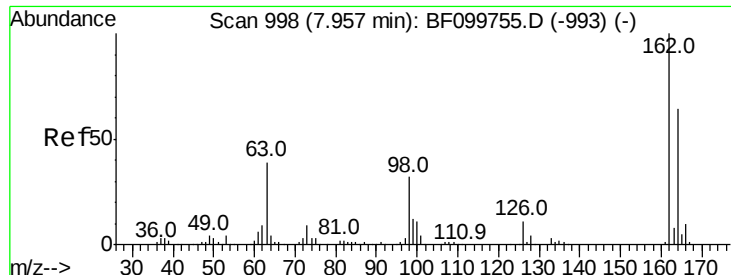
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 30.388 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		231208		
95	31.8	26.3	39.5		
123	12.2	9.8	14.6		





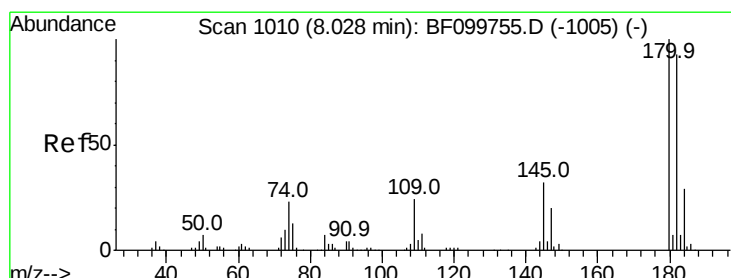
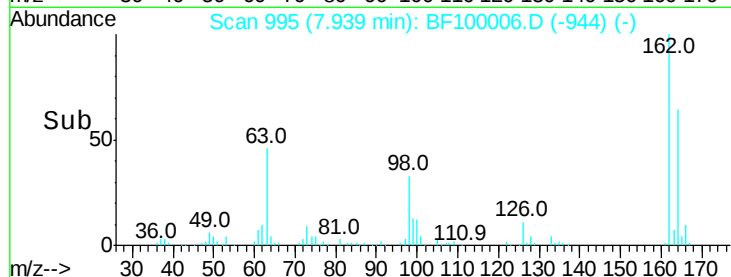
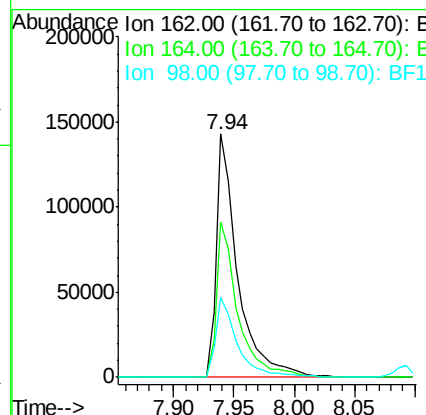
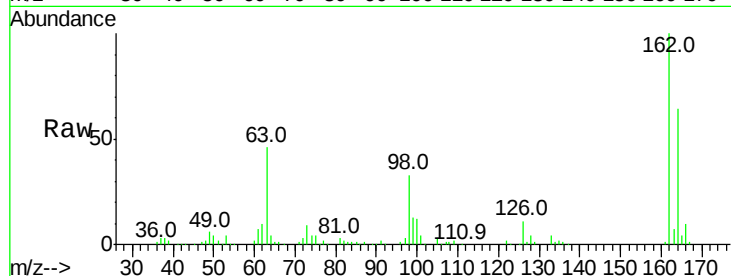
#29
2,4-Dichlorophenol
Concen: 32.755 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	173228		
164	63.6	42.7	82.7	
98	32.8	18.1	58.1	

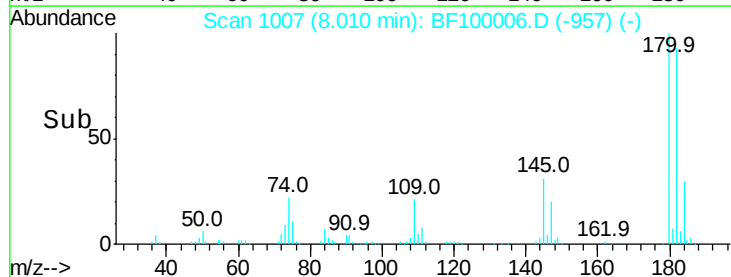
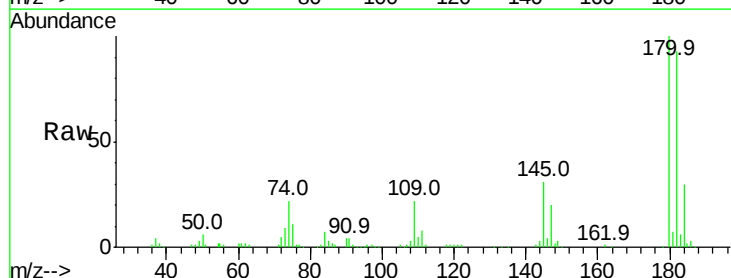
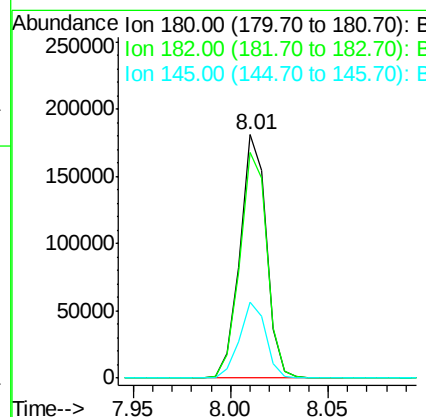
Manual Integrations
APPROVED

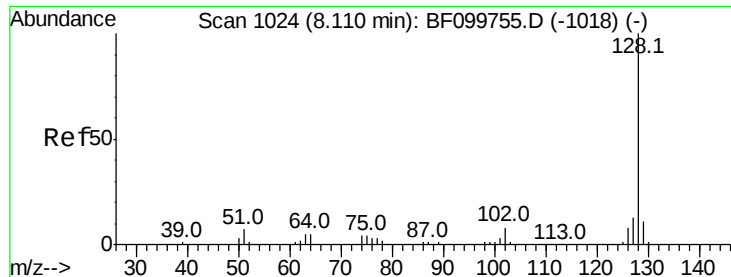
Sohil
11/1/2017 2:37:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 30.048 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169791		
182	93.0	76.8	115.2	
145	31.0	26.5	39.7	





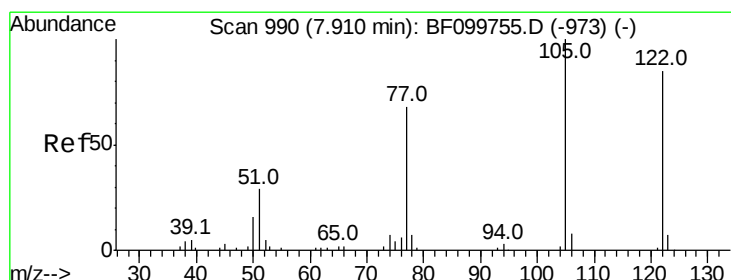
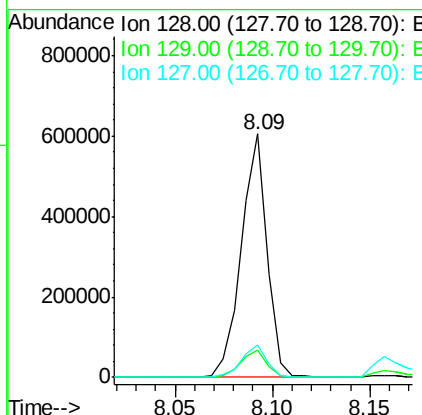
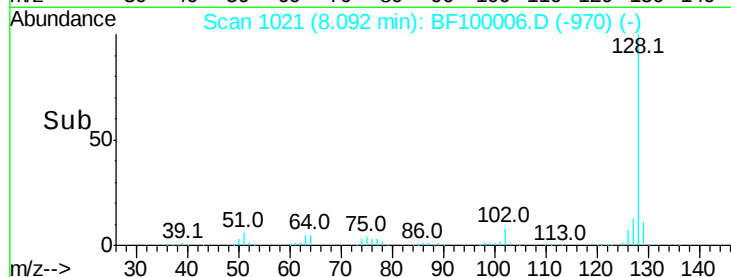
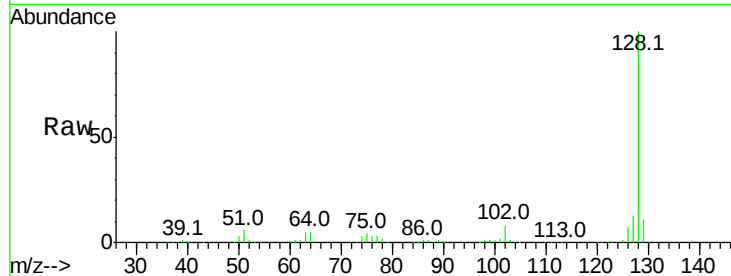
#31
Naphthalene
Concen: 29.730 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.5	10.9	16.3	

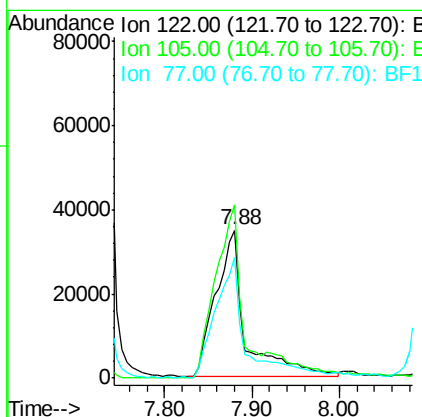
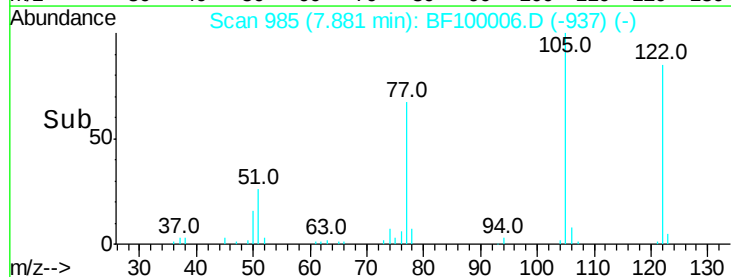
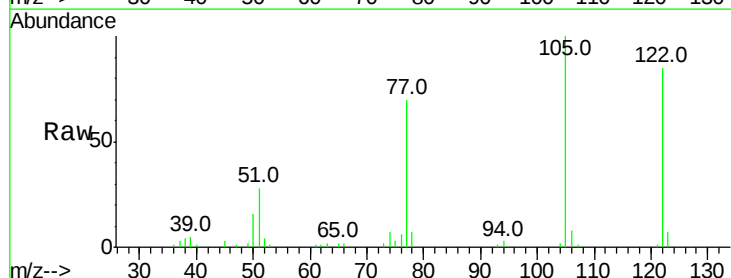
Manual Integrations
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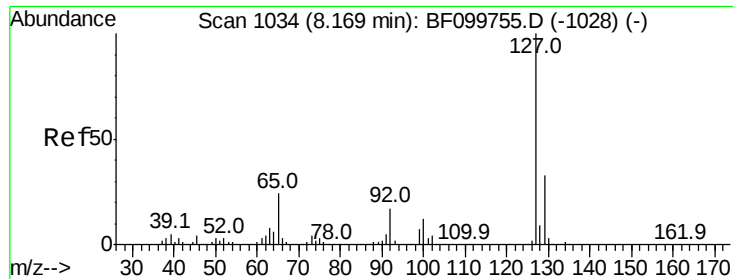
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#32
Benzoic acid
Concen: 18.635 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.0	101.1	141.1	
77	81.4	70.7	110.7	





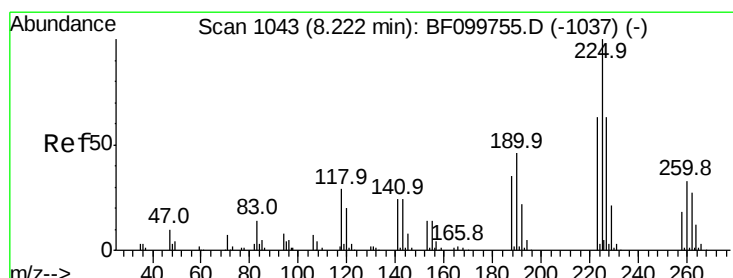
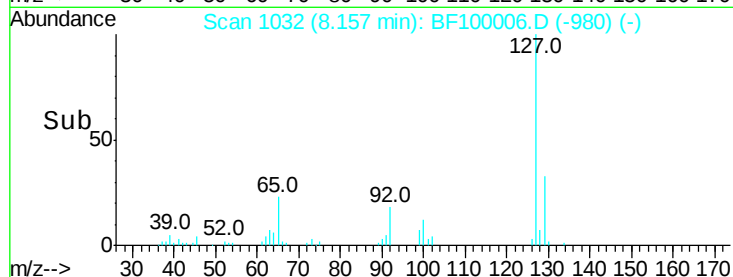
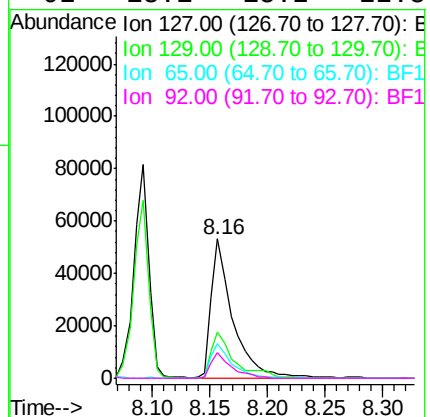
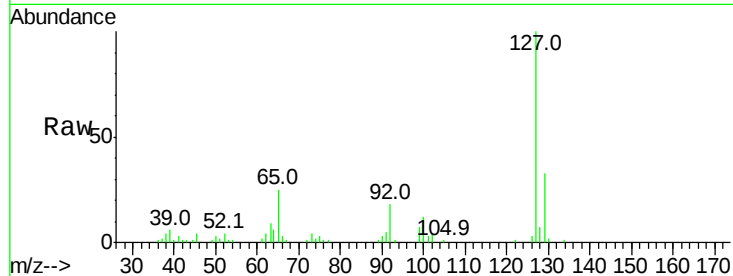
#33
 4-Chloroaniline
 Concen: 9.099 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		69909		
129	32.7	25.9	38.9		
65	24.9	25.0	37.4		
92	18.1	15.2	22.8		

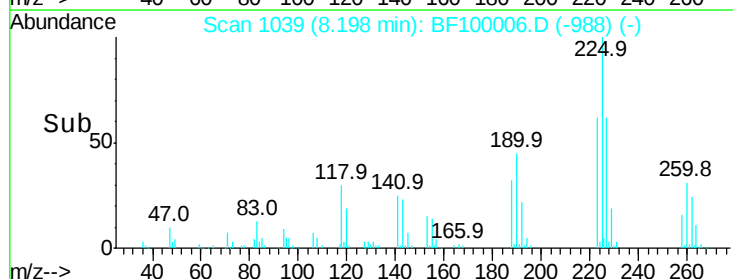
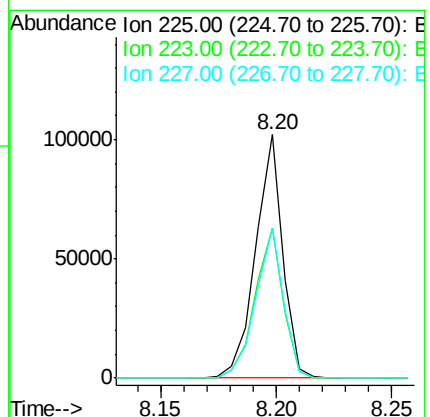
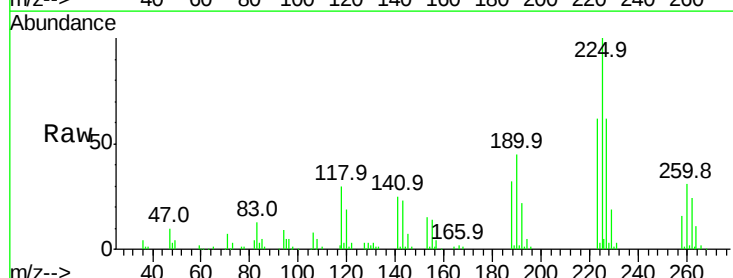
Manual Integrations
 APPROVED

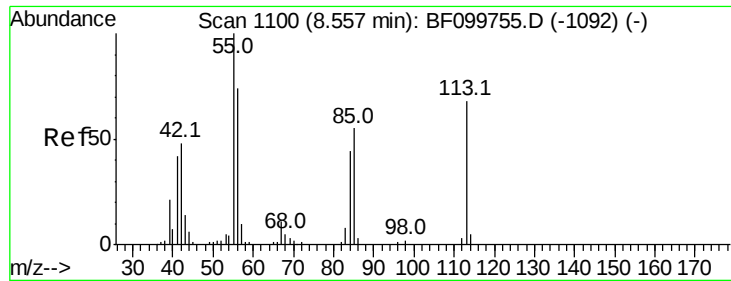
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#34
 Hexachlorobutadiene
 Concen: 28.894 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		83981		
223	61.7	50.6	76.0		
227	61.7	51.9	77.9		





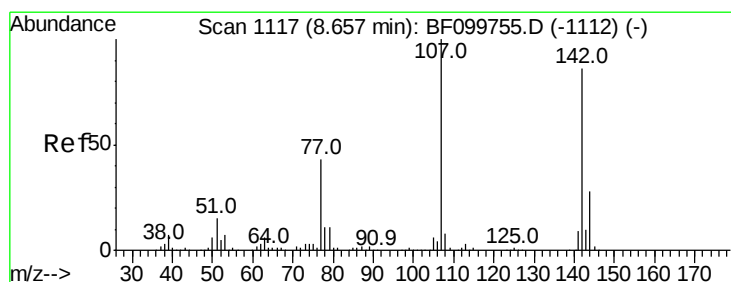
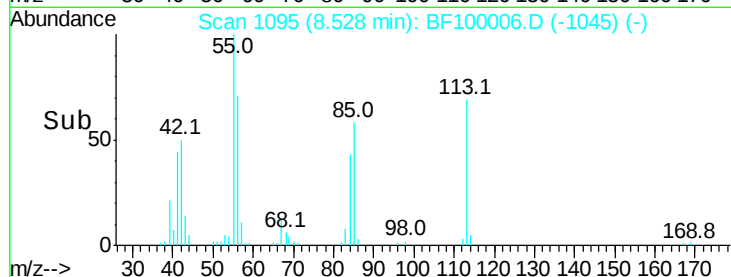
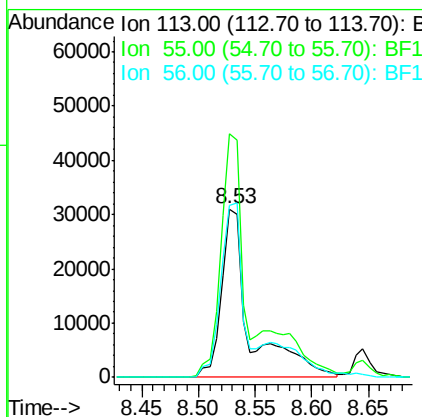
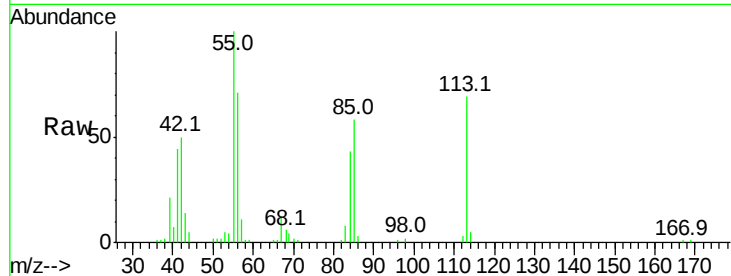
#35
Caprolactam
Concen: 32.519 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion:113 Resp: 54082
Ion Ratio Lower Upper
113 100
55 144.6 163.3 203.3#
56 102.4 115.7 155.7#

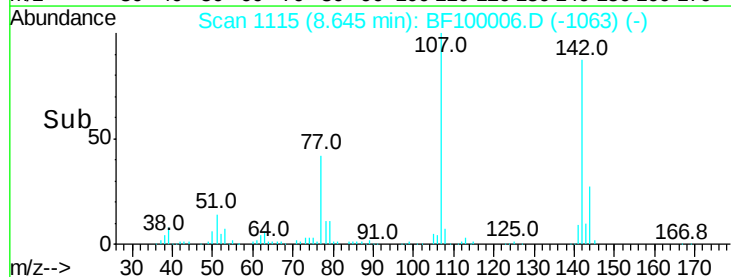
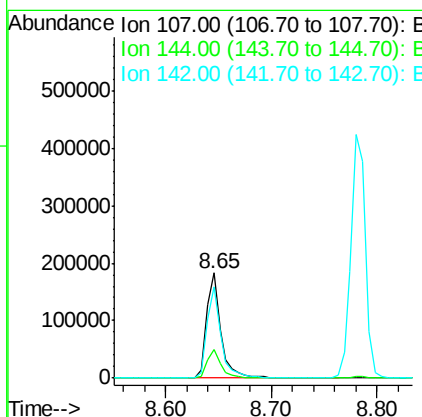
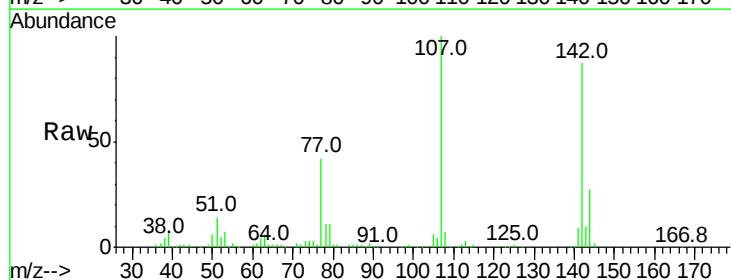
Manual Integrations
APPROVED

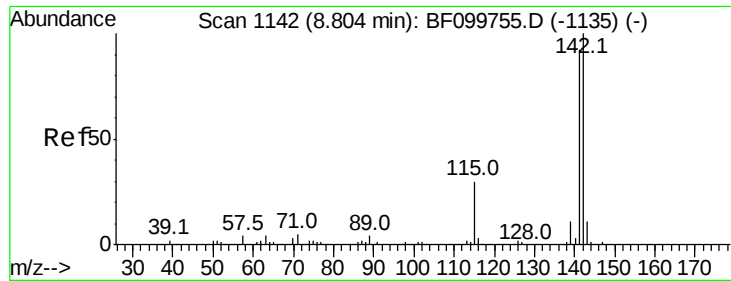
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 32.146 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion:107 Resp: 173521
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 87.0 62.0 93.0





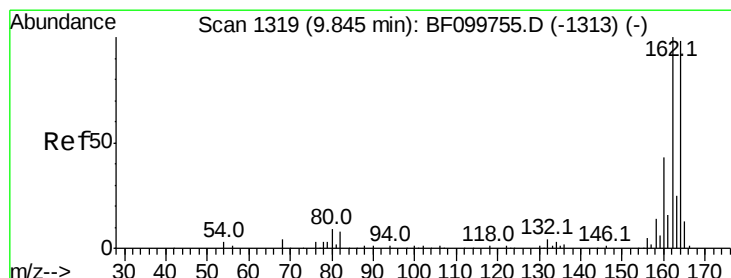
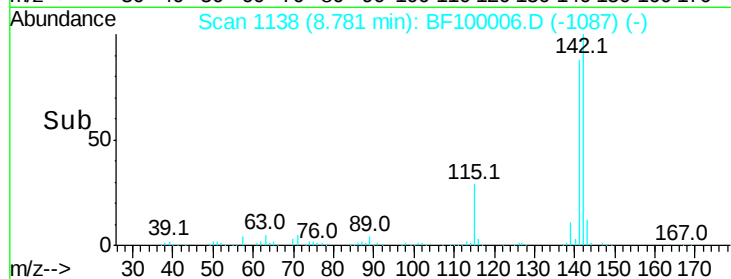
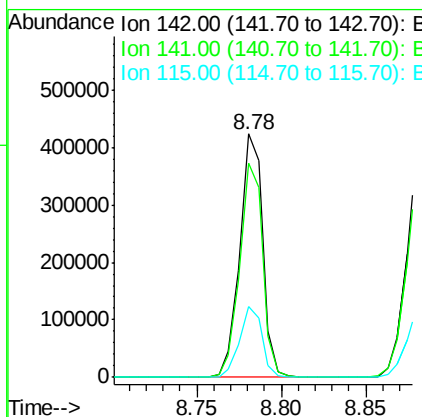
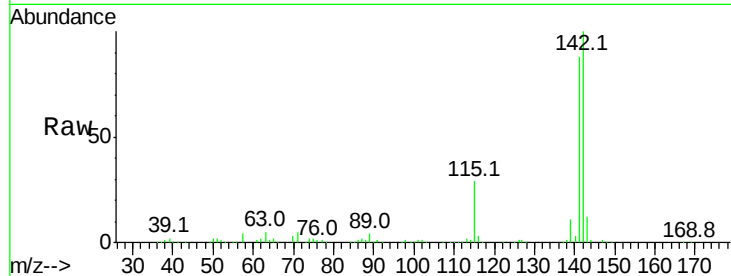
#37
2-Methylnaphthalene
Concen: 31.995 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	29.0	26.1	39.1

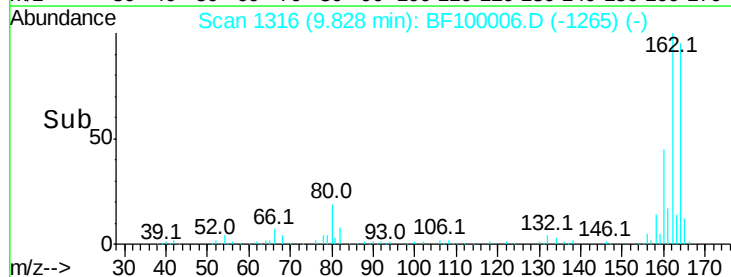
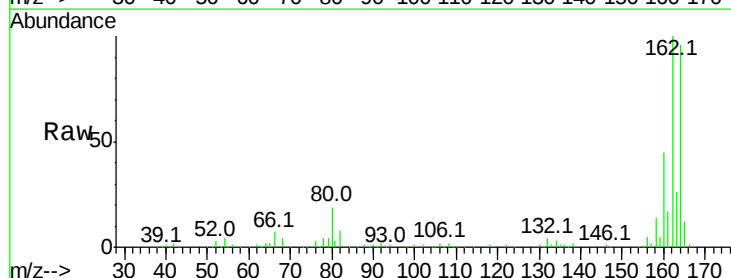
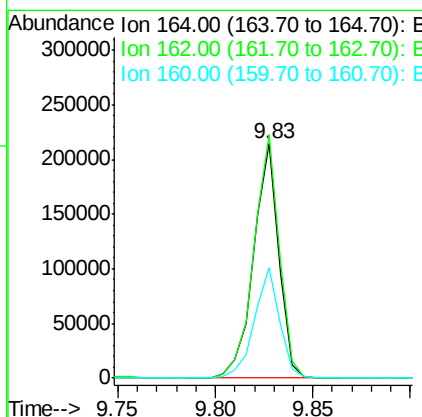
Manual Integrations
APPROVED

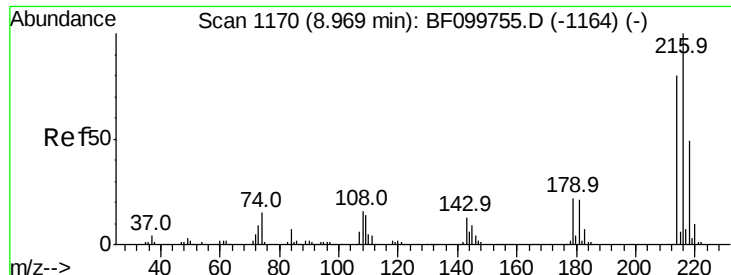
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.8	38.3	57.5





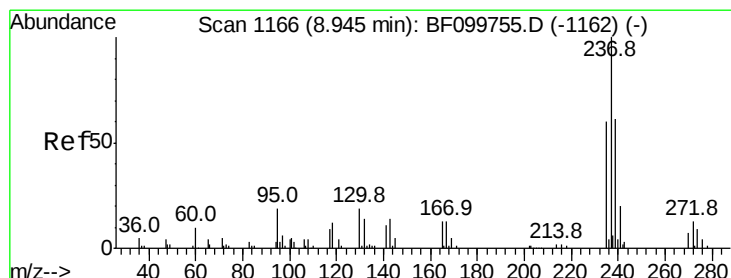
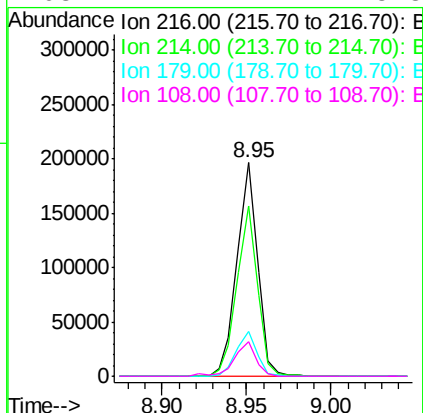
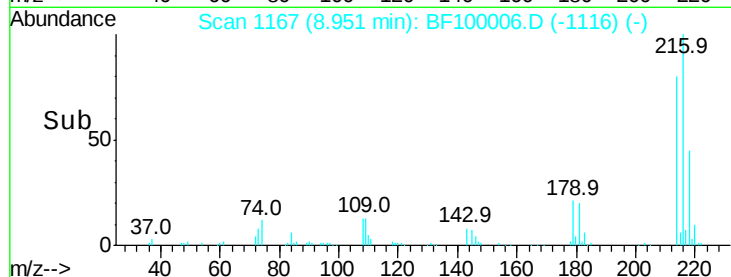
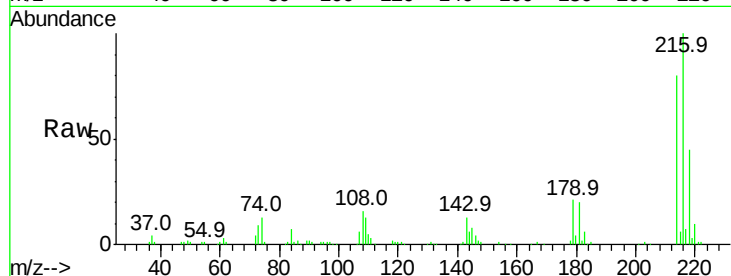
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.928 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	167327		
214	79.4	63.0	94.4	
179	21.2	18.1	27.1	
108	17.2	17.2	25.8	

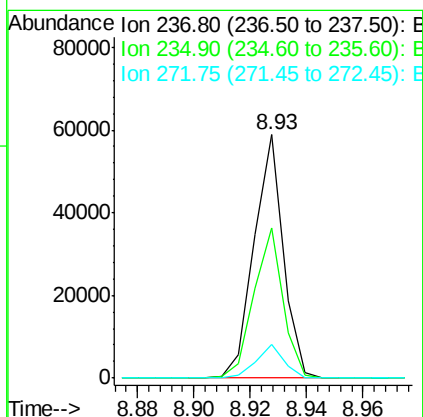
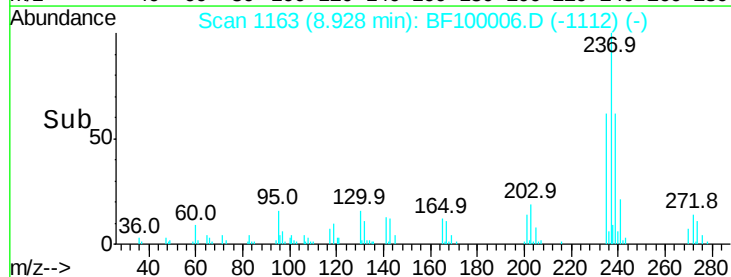
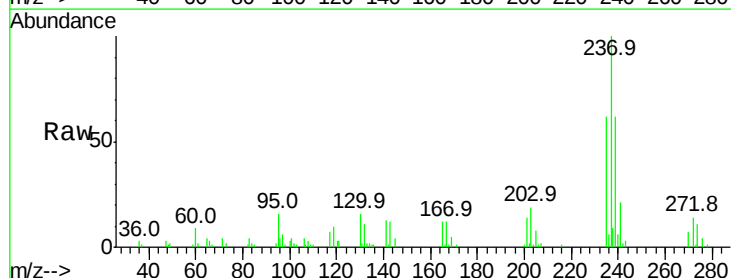
Manual Integrations
 APPROVED

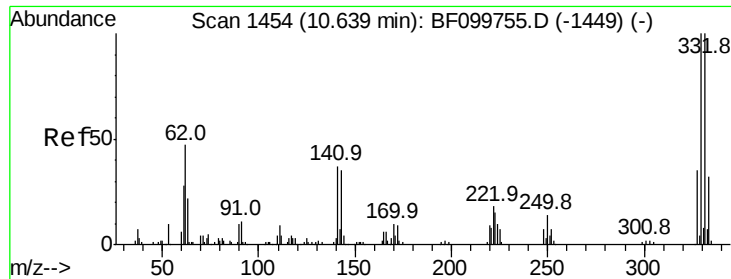
Sohil
 11/1/2017 2:37:42 PM



#40
 Hexachlorocyclopentadiene
 Concen: 42.858 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	42311		
235	61.9	44.8	84.8	
272	14.0	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 63.325 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

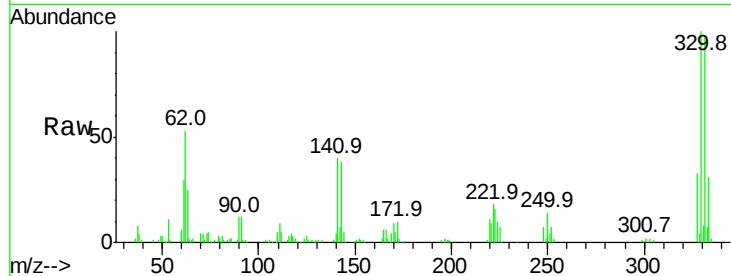
ClientSampled :

PB103707BS

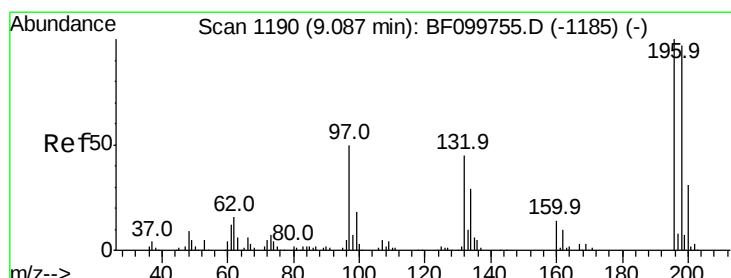
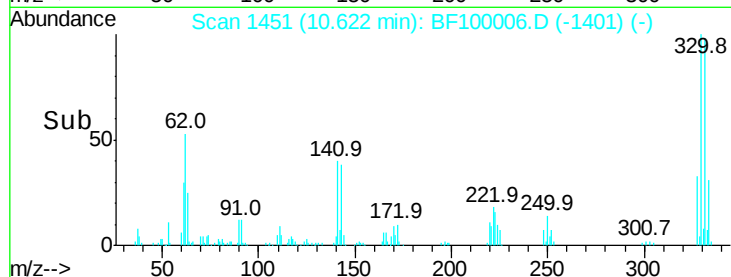
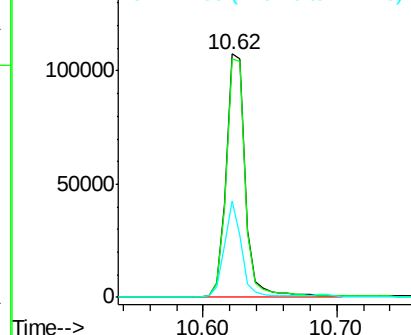
Tot Ion:	330	Resp:	111032
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	34.8	29.9	44.9

Manual Integrations
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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: 29.313 ng

RT: 9.07 min Scan# 1188

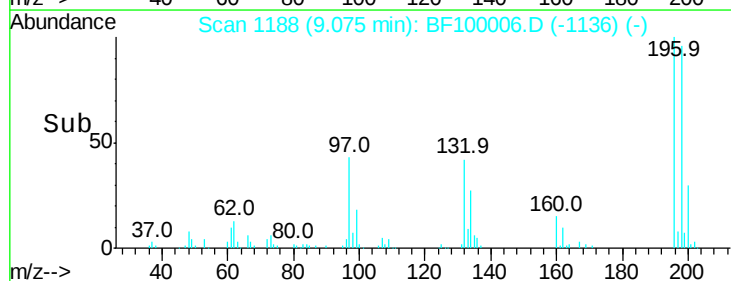
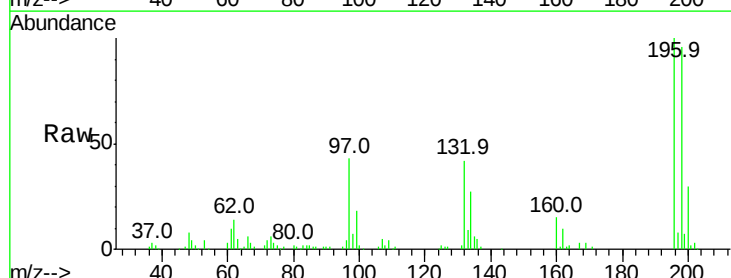
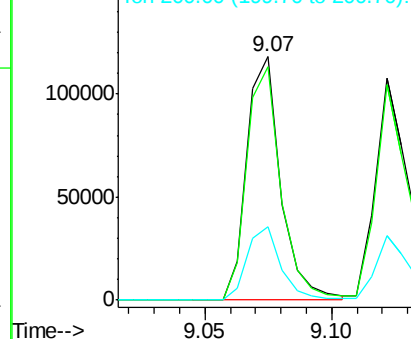
Delta R.T. 0.01 min

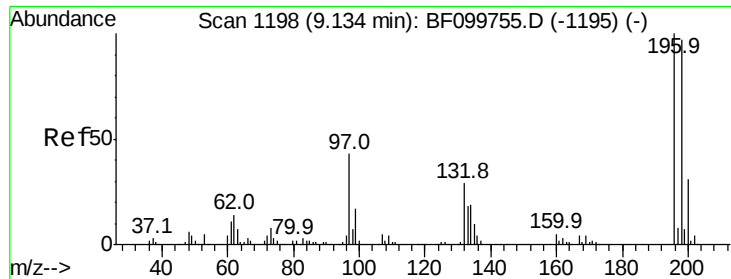
Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	196	Resp:	110179
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	30.0	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





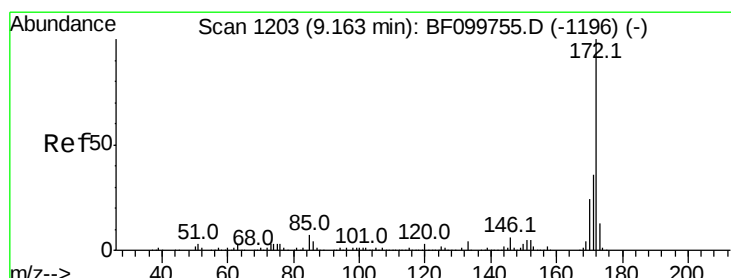
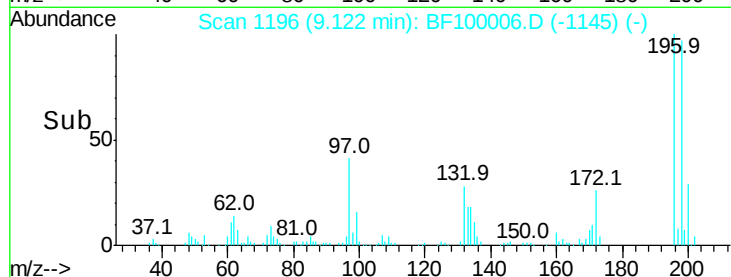
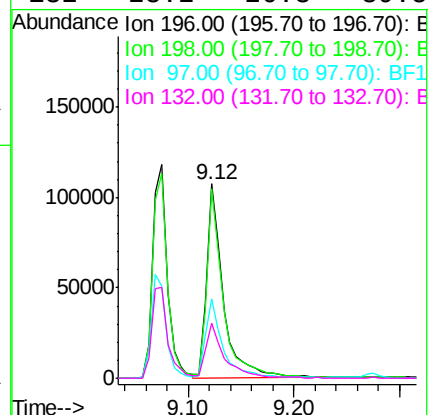
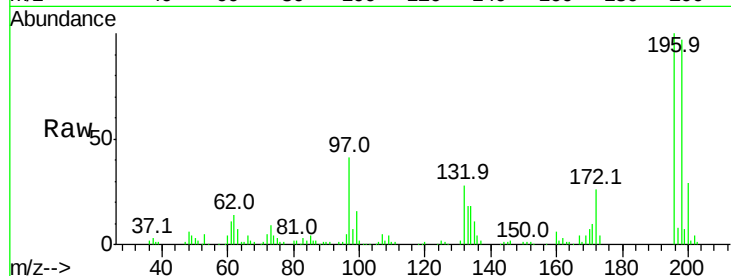
#43
 2,4,5-Trichlorophenol
 Concen: 29.247 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion:	196	Resp:	116658
Ion Ratio		Lower	Upper
196	100		
198	97.2	74.6	112.0
97	40.9	42.9	64.3#
132	28.2	26.3	39.5

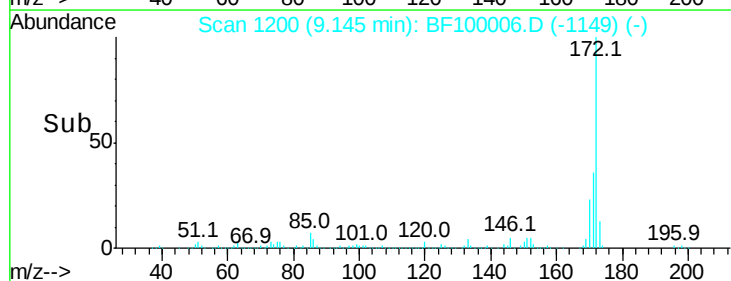
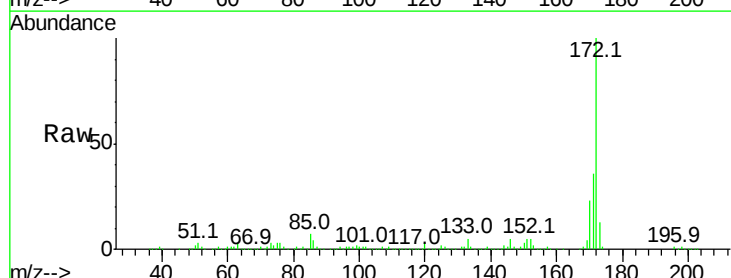
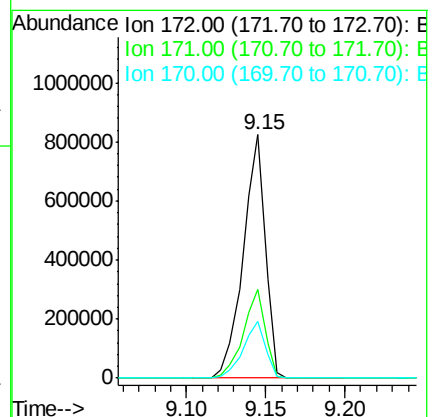
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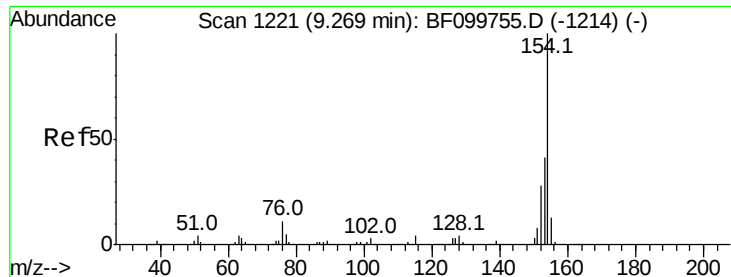
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 63.708 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion:	172	Resp:	794465
Ion Ratio		Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.5	19.6	29.4





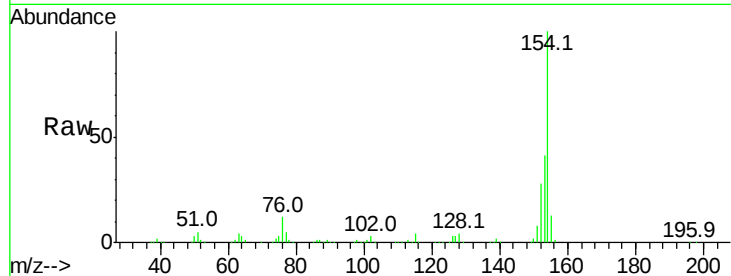
#45
 1,1'-Biphenyl
 Concen: 27.737 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

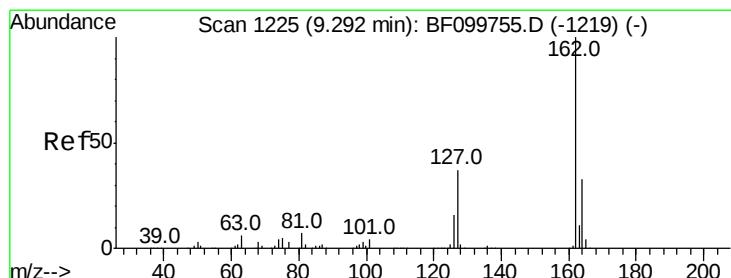
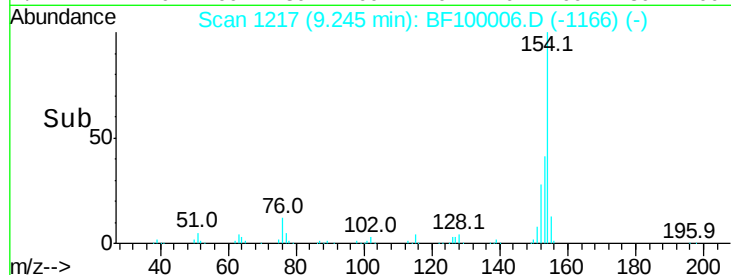
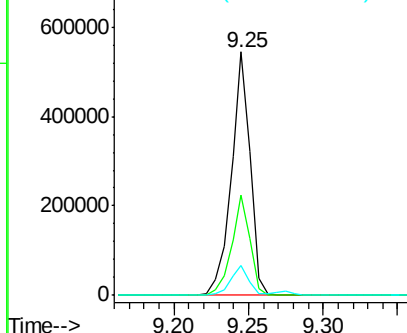
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.3	61.3	
76	12.4	0.0	34.0	

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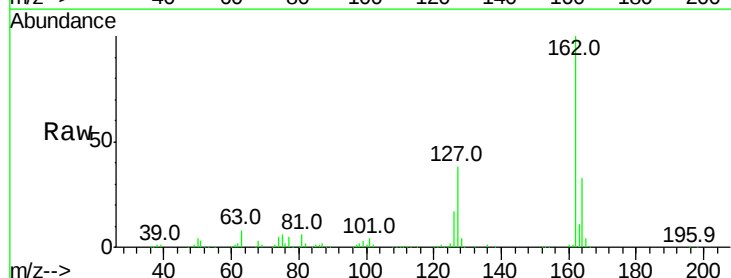


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

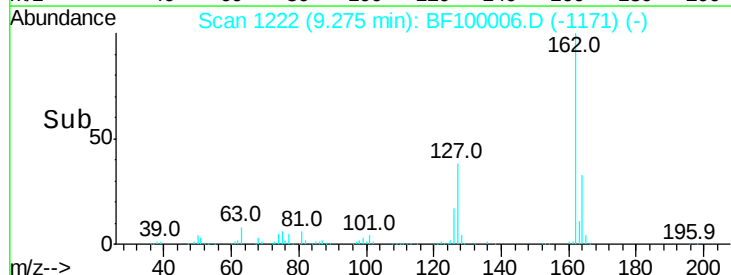
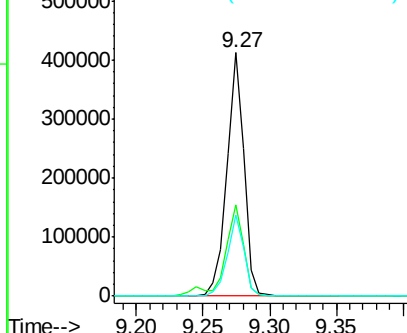


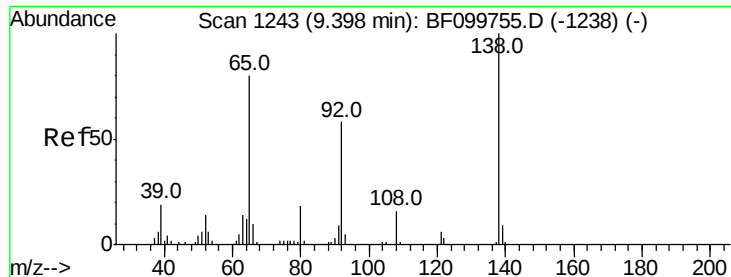
#46
 2-Chloronaphthalene
 Concen: 29.666 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.6	33.9	50.9	
164	33.2	26.5	39.7	



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





#47

2-Nitroaniline

Concen: 29.312 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

ClientSampleId :

PB103707BS

Tot Ion: 65 Resp: 97243

Ion Ratio Lower Upper

65 100

92 77.5 55.8 83.6

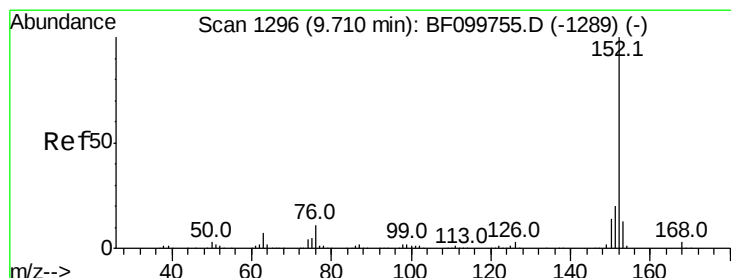
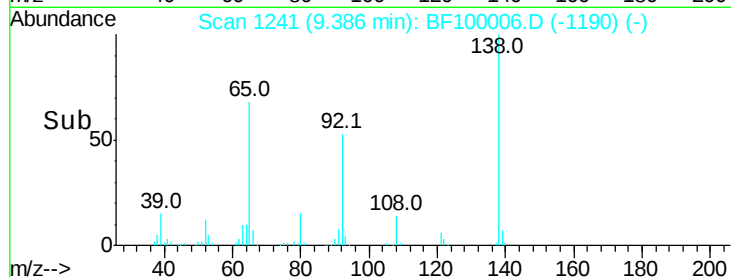
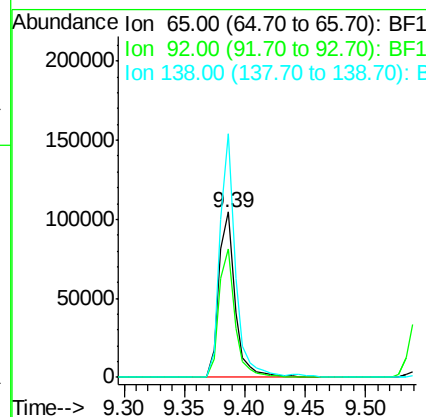
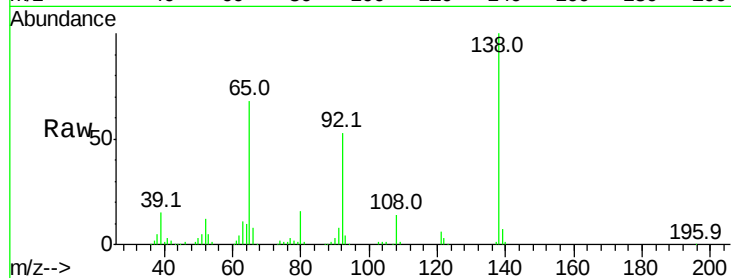
138 147.3 91.2 136.8#

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#48

Acenaphthylene

Concen: 28.757 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

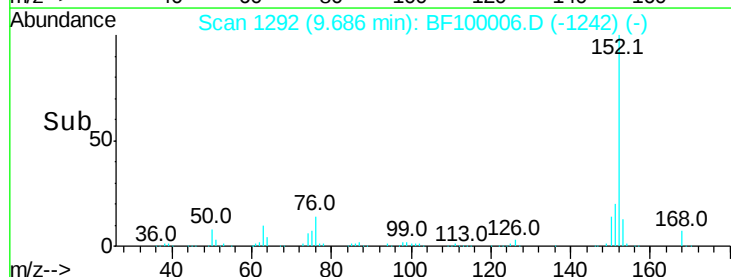
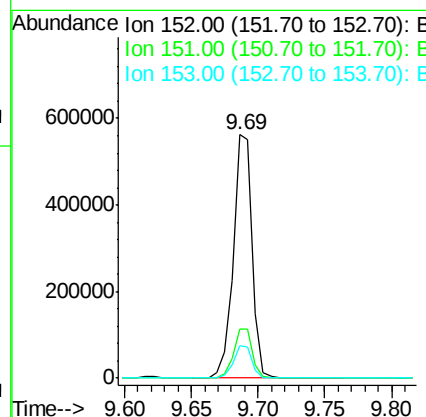
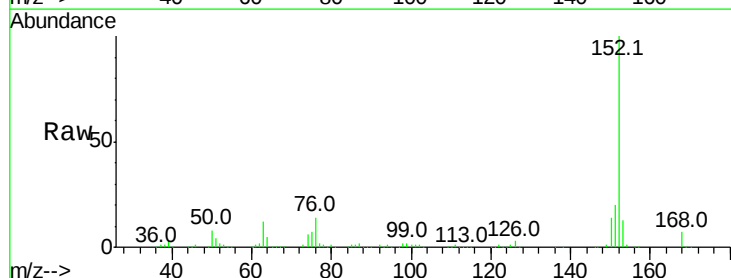
Tgt Ion: 152 Resp: 559852

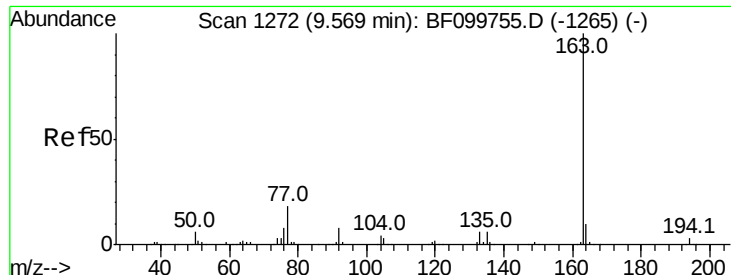
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.4 10.7 16.1





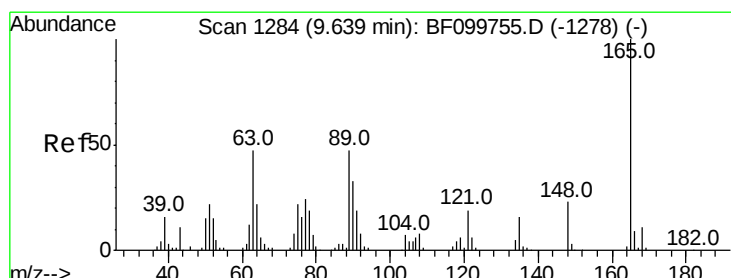
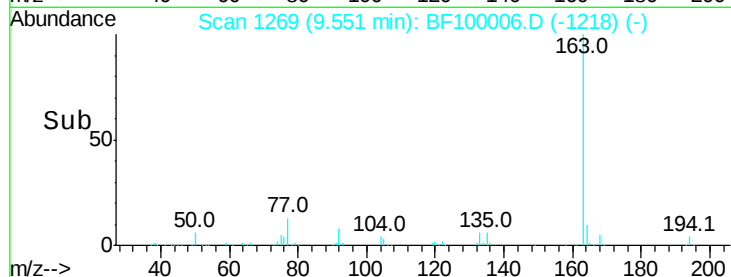
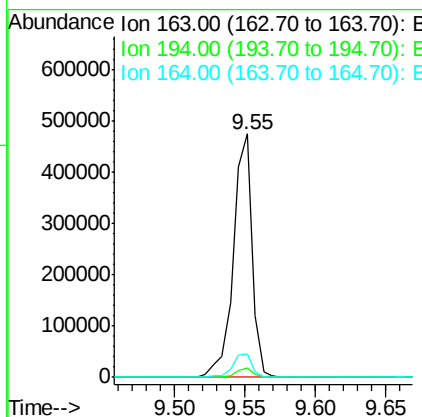
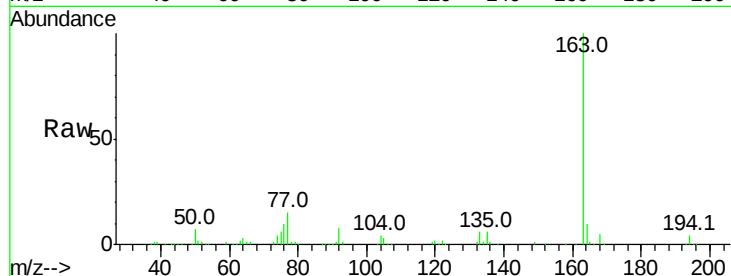
#49
 Dimethylphthalate
 Concen: 28.718 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		437552		
194	3.7		2.7	4.1	
164	9.9		8.2	12.2	

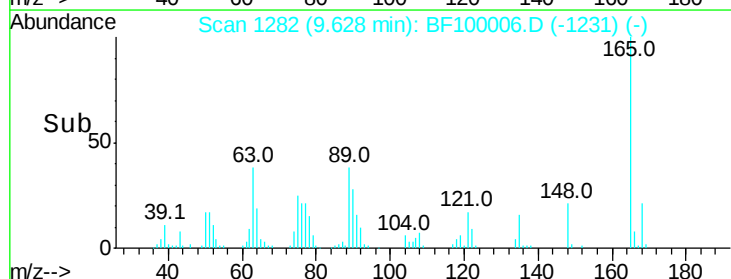
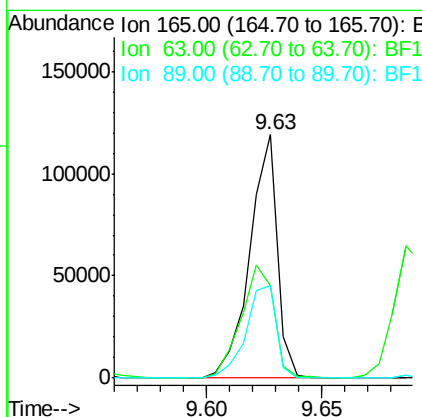
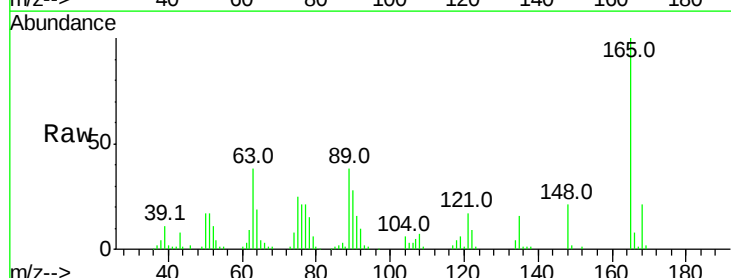
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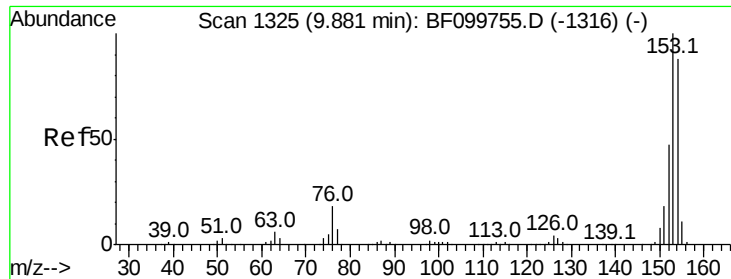
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#50
 2,6-Dinitrotoluene
 Concen: 31.080 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		99550		
63	37.9		44.7	67.1#	
89	38.0		44.0	66.0#	





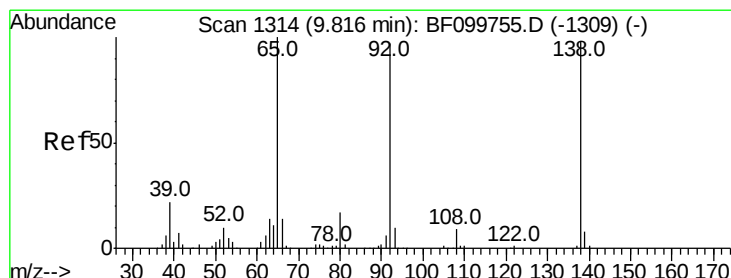
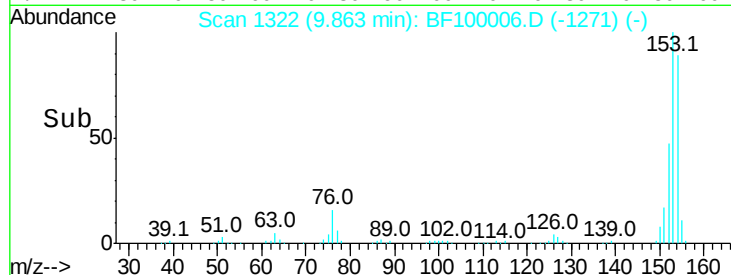
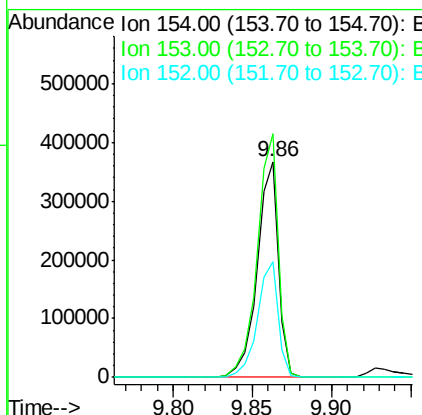
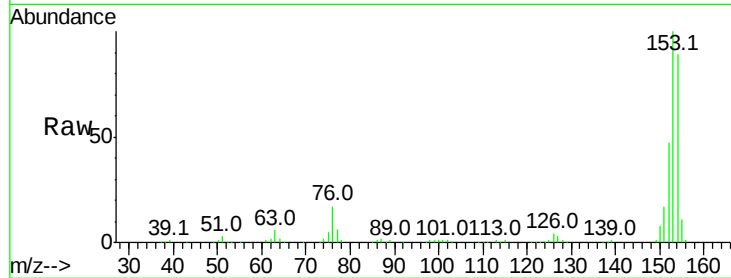
#51
Acenaphthene
Concen: 28.683 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	53.5	43.8	65.8

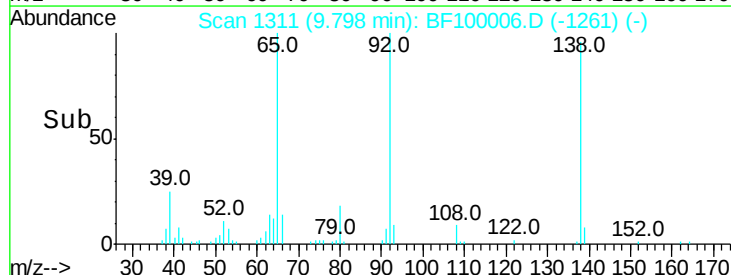
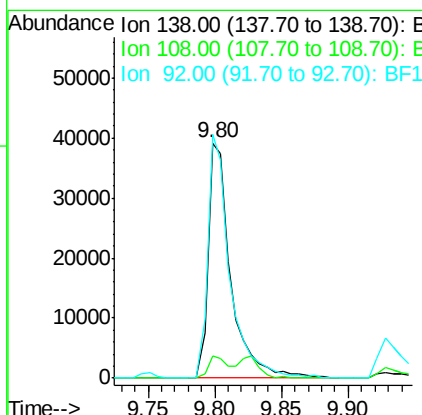
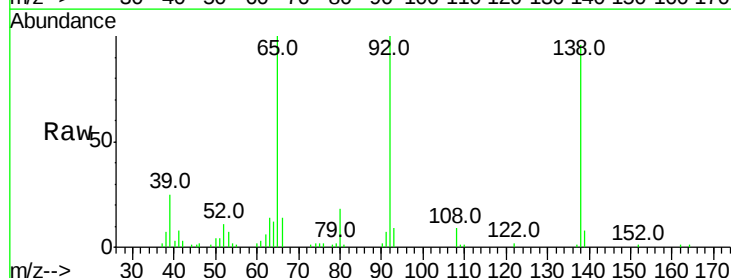
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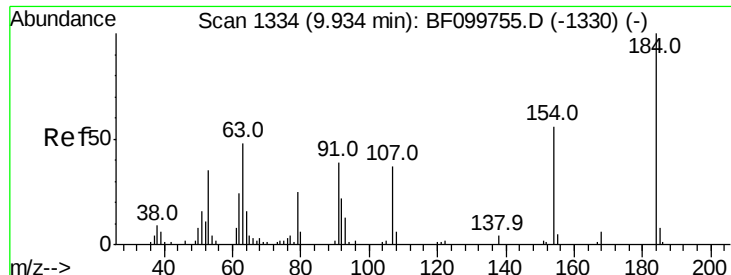
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#52
3-Nitroaniline
Concen: 12.398 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	9.4	14.0#
92	103.7	89.4	134.2





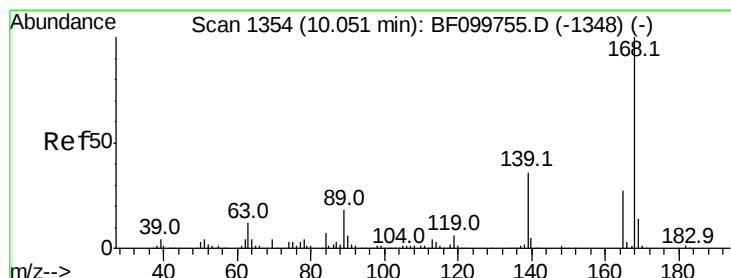
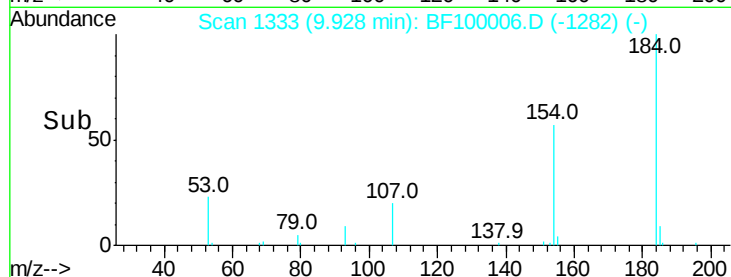
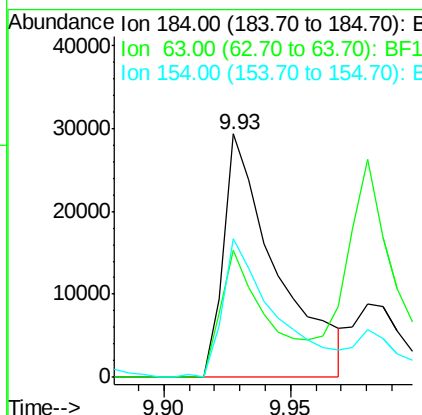
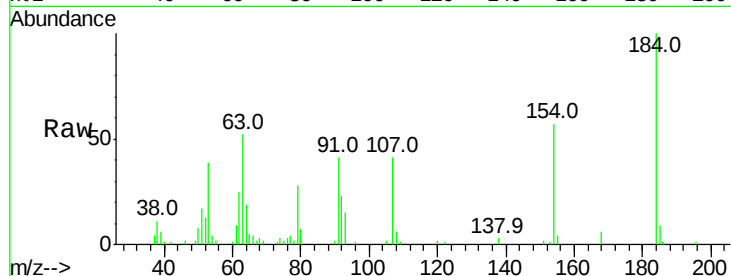
#53
2,4-Dinitrophenol
Concen: 36.927 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.0	54.2	81.2#	
154	57.0	53.5	80.3	

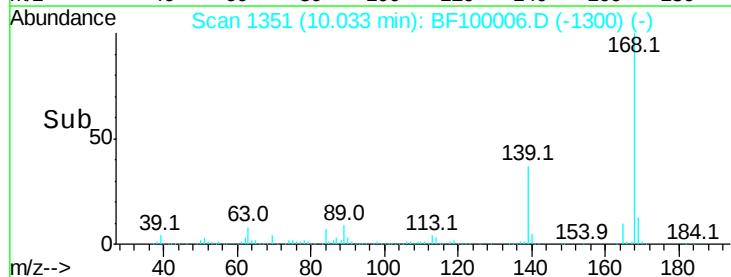
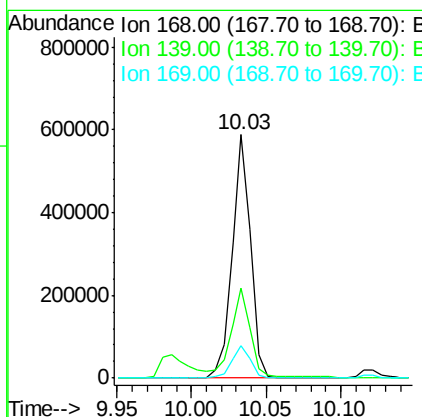
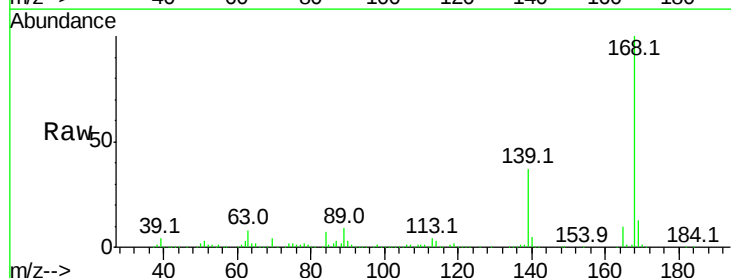
Manual Integrations
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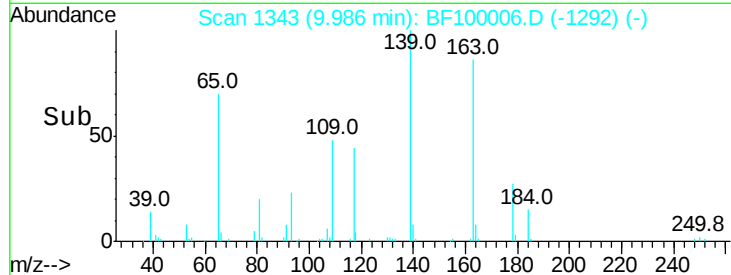
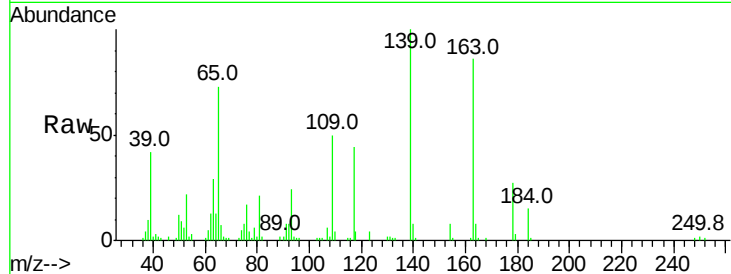
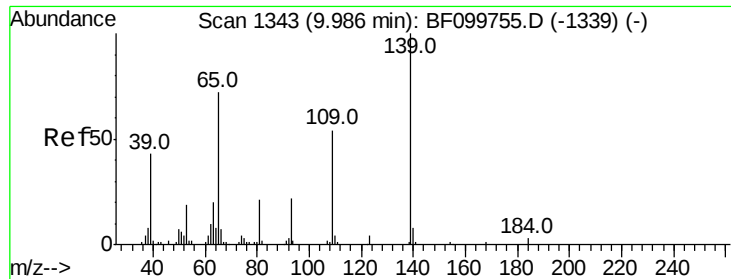
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#54
Dibenzofuran
Concen: 30.403 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.8	30.1	45.1	
169	13.1	10.9	16.3	





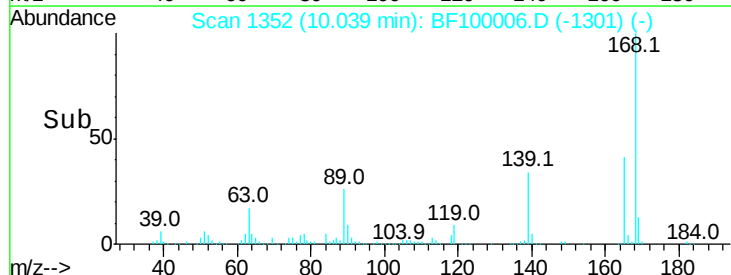
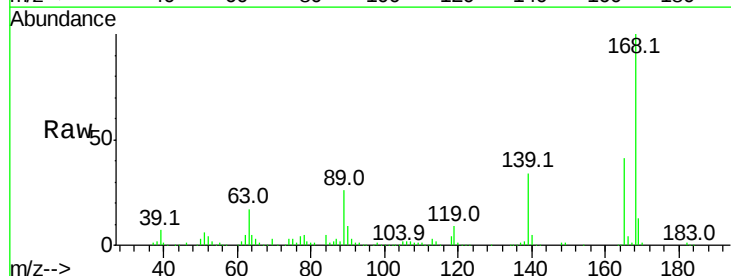
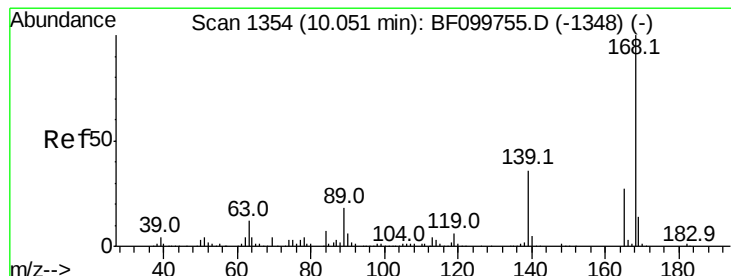
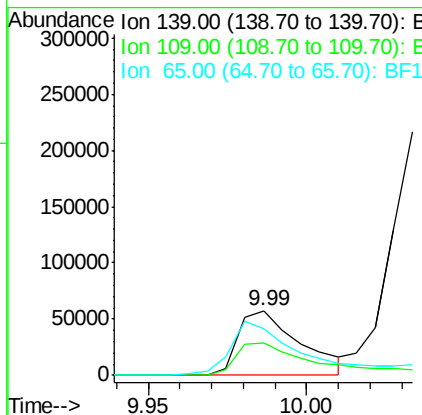
#55
4-Nitrophenol
Concen: 39.351 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tot Ion	Ratio	Resp	Lower	Upper
139	100	77599		
109	49.8		48.4	88.4
65	72.6		72.6	112.6

Instrument :
BNA_F
ClientSampleId :
PB103707BS

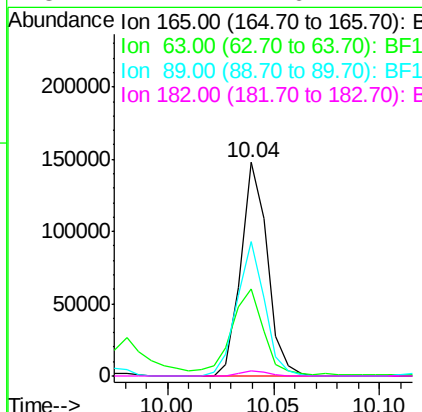
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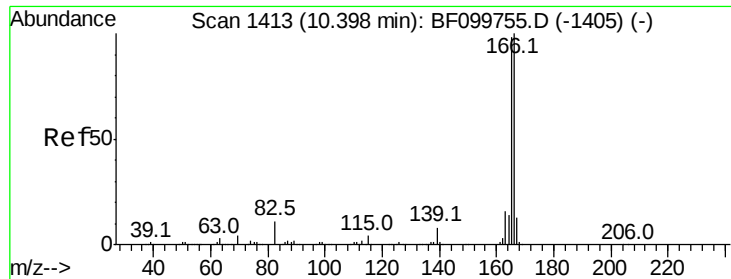
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#56
2,4-Dinitrotoluene
Concen: 33.314 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	128504		
63	40.7		36.4	54.6
89	63.1		57.8	86.6
182	2.4		1.6	2.4





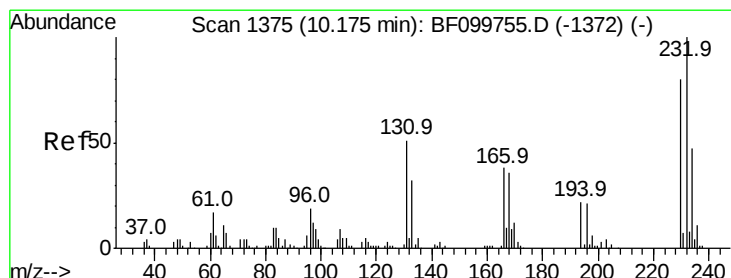
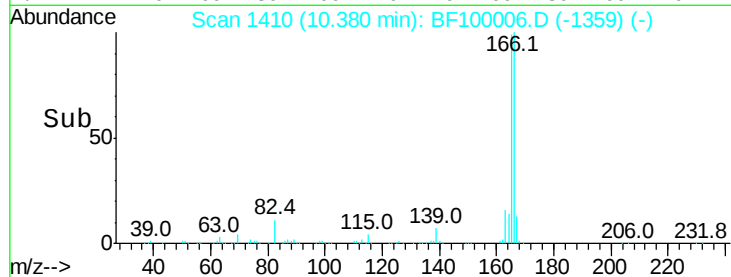
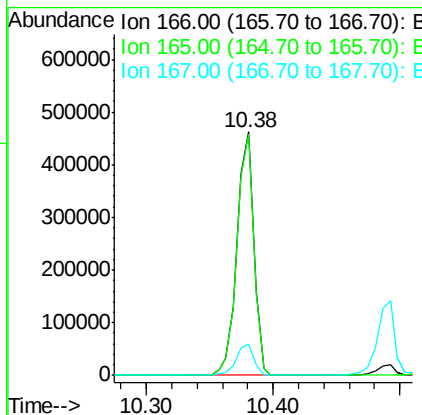
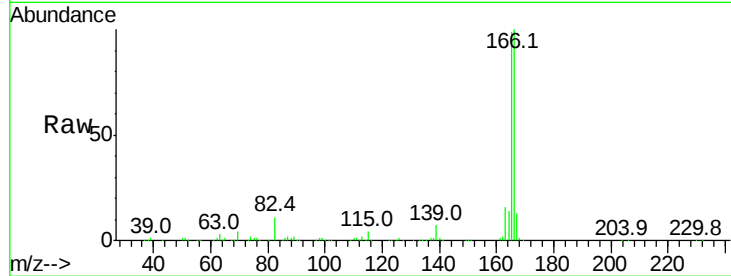
#57
 Fluorene
 Concen: 30.441 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.0	10.6	16.0

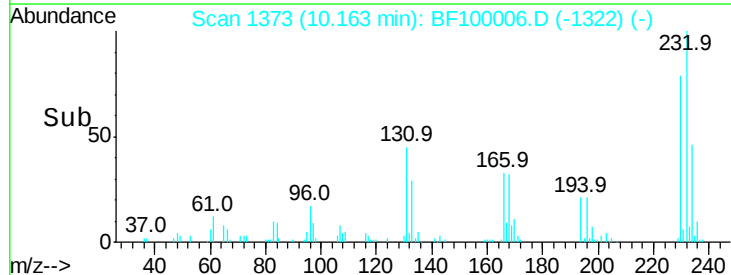
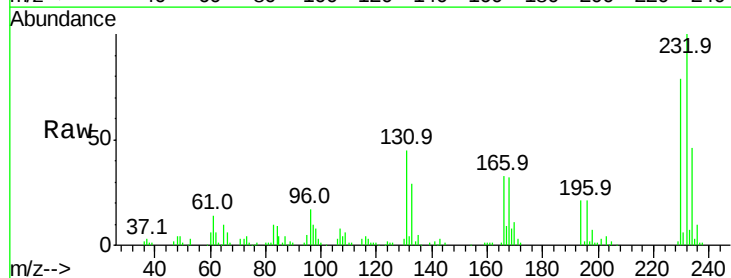
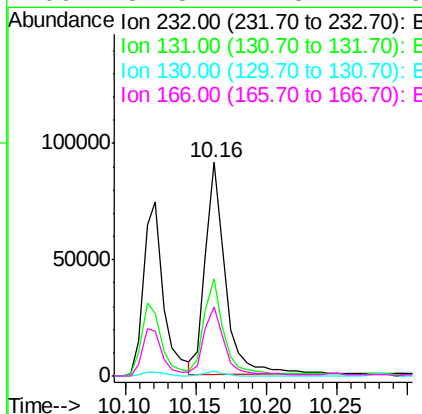
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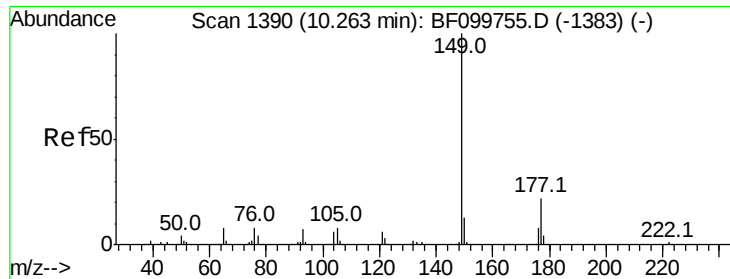
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.800 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	43.8	65.8
130	2.0	2.1	3.1#
166	32.3	27.8	41.6





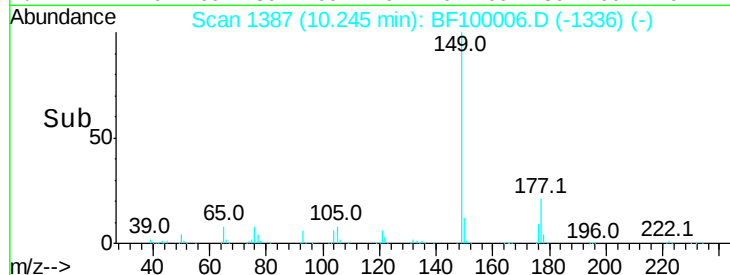
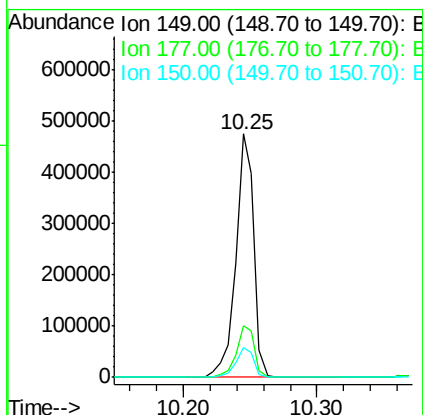
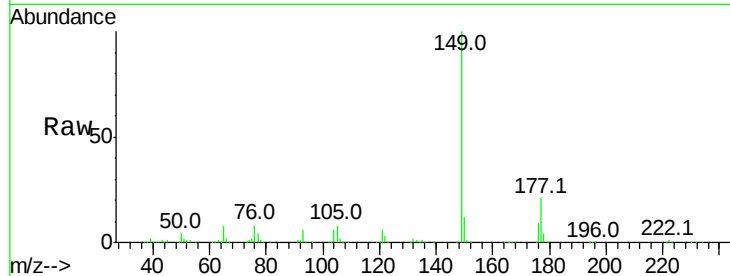
#59
Diethylphthalate
Concen: 29.824 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	443756		
177	21.2		16.1	24.1
150	12.4		10.1	15.1

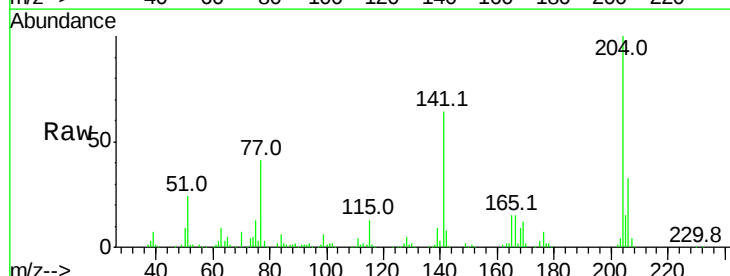
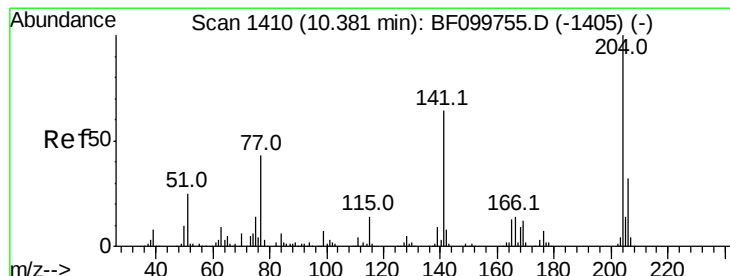
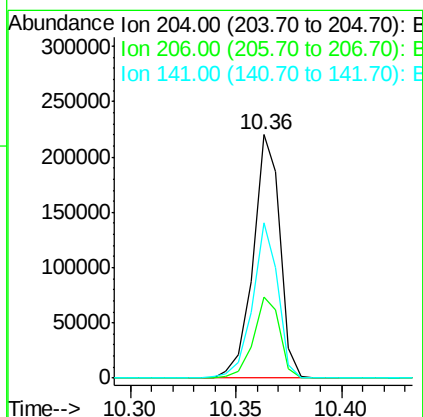
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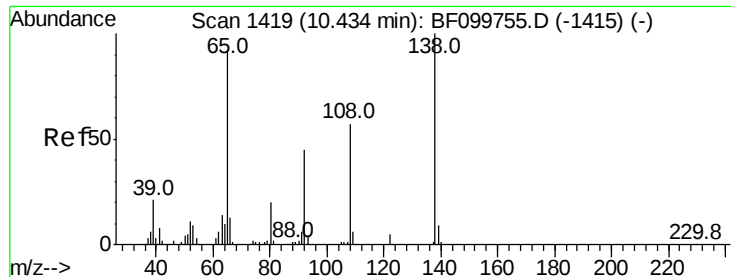
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#60
4-Chlorophenyl-phenylether
Concen: 29.780 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	194858		
206	33.4		26.5	39.7
141	63.8		54.6	81.8





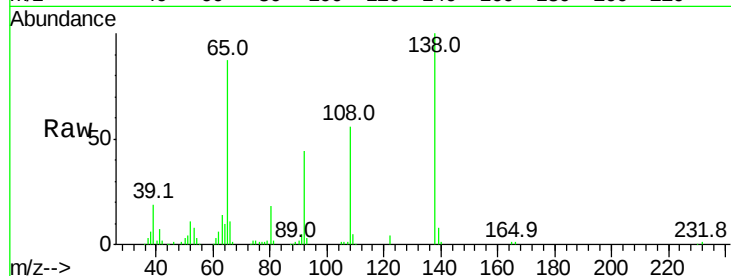
#61
4-Nitroaniline
Concen: 26.679 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB103707BS

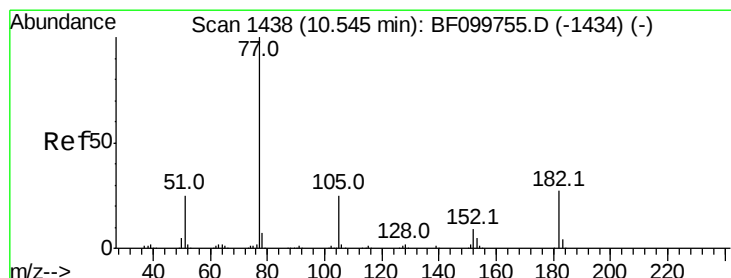
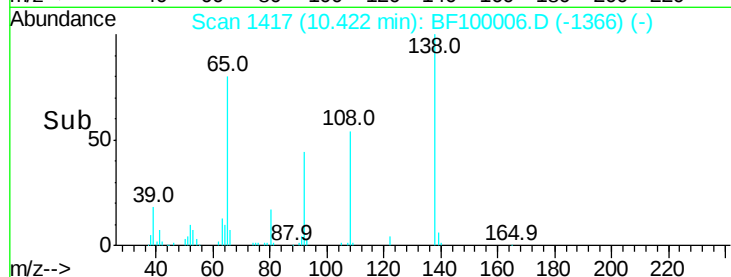
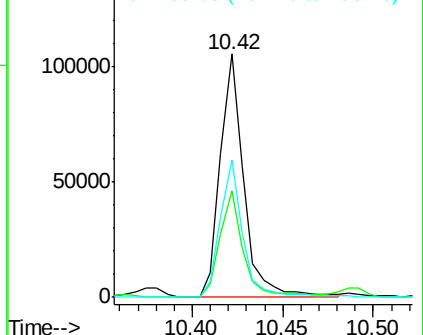
Tot Ion	Ratio	Lower	Upper
138	100		
92	43.6	30.2	70.2
108	56.3	52.5	92.5

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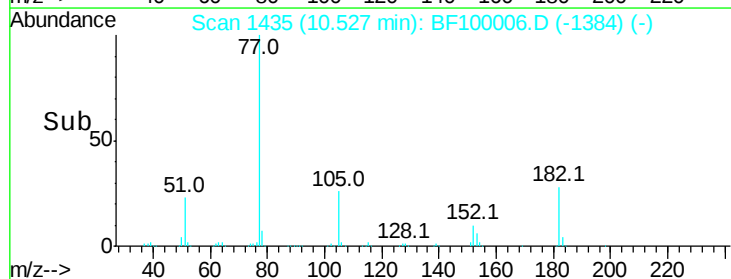
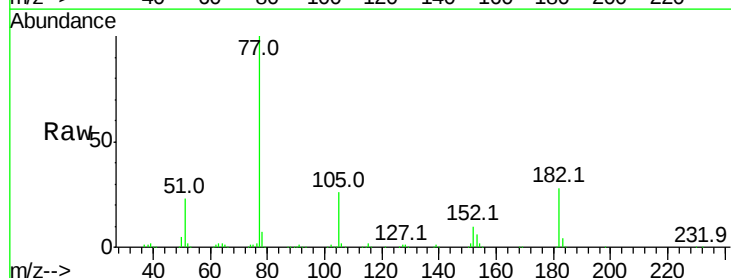
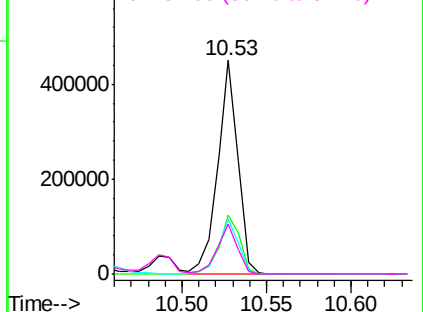
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

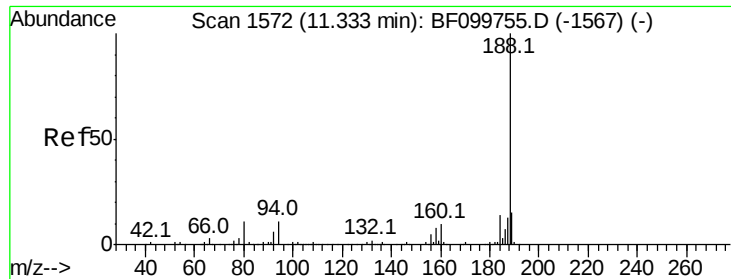


#62
Azobenzene
Concen: 30.049 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	1.7	41.7
105	26.0	3.0	43.0
51	23.2	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1
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): BF1





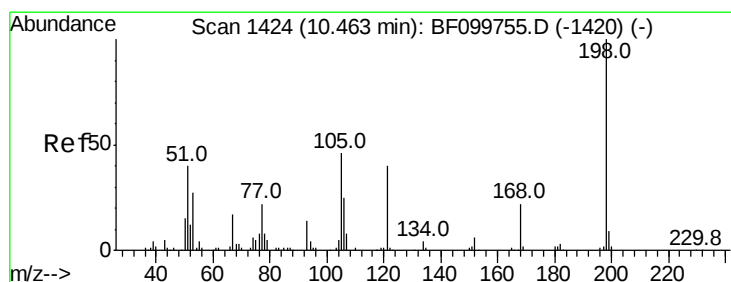
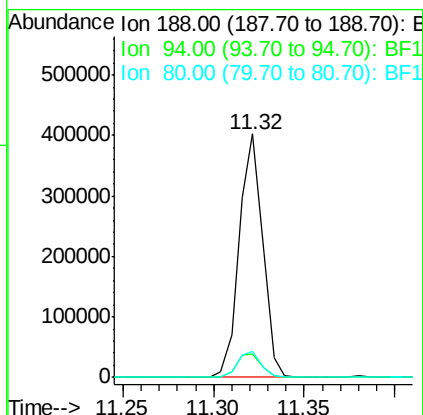
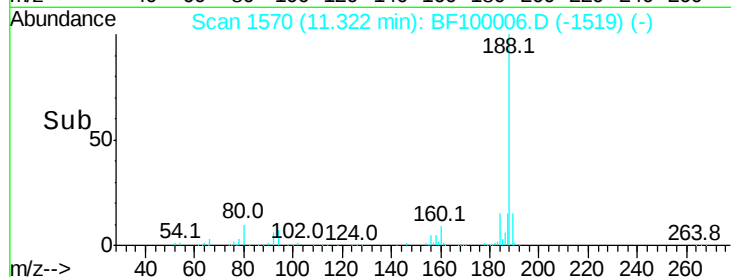
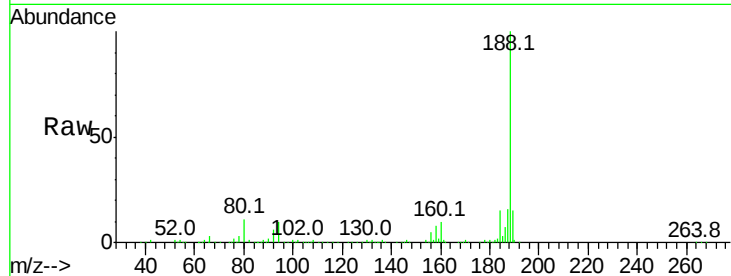
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	361767		
94	9.6		8.5	12.7
80	10.6		9.2	13.8

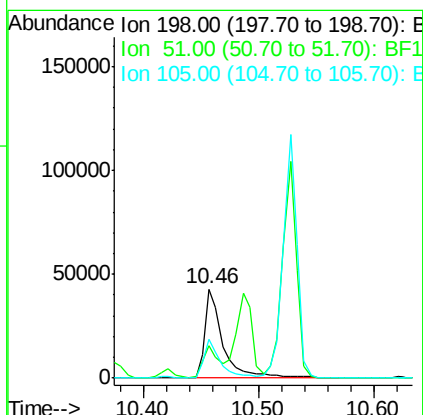
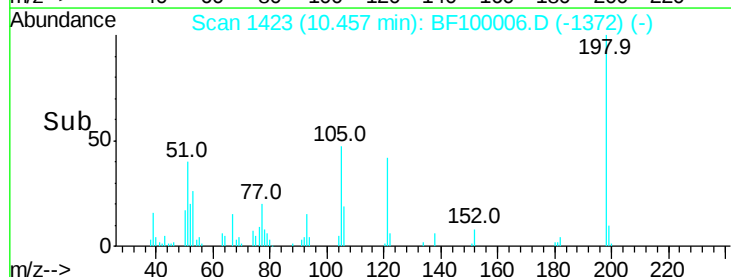
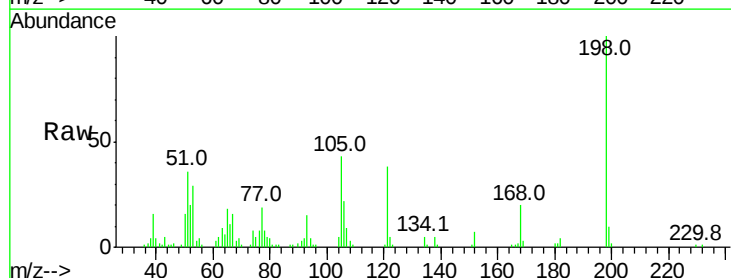
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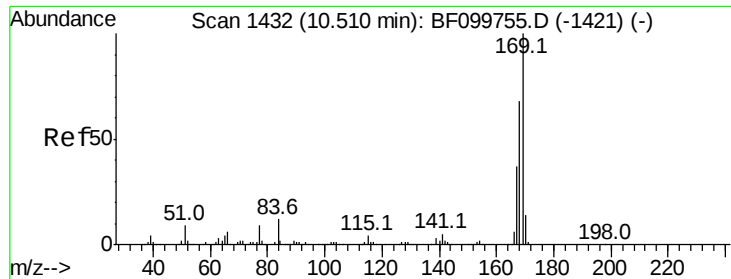
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.915 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	47562		
51	36.4		37.7	77.7#
105	43.3		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 28.183 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

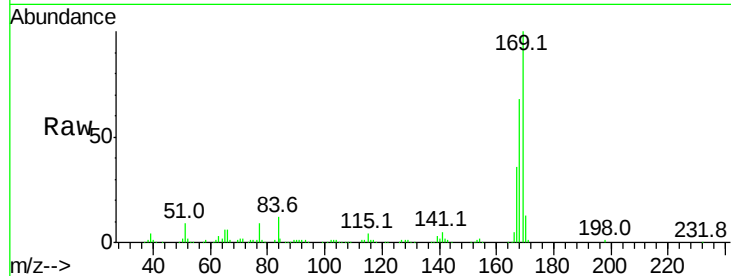
ClientSampled :

PB103707BS

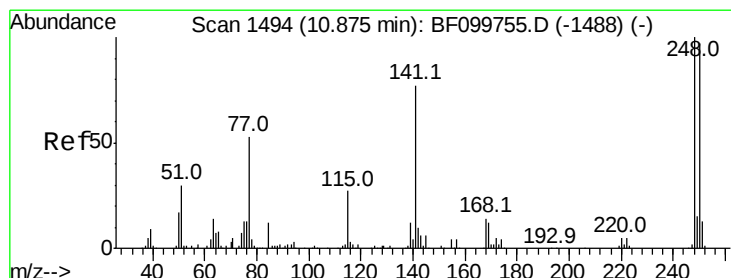
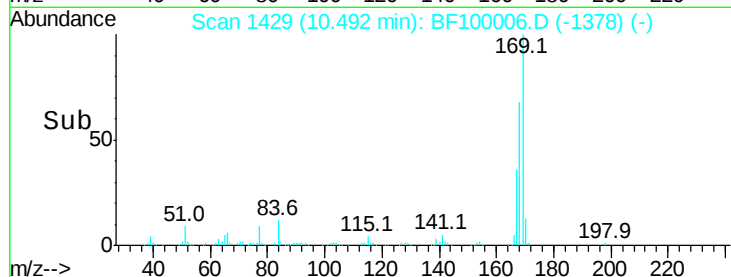
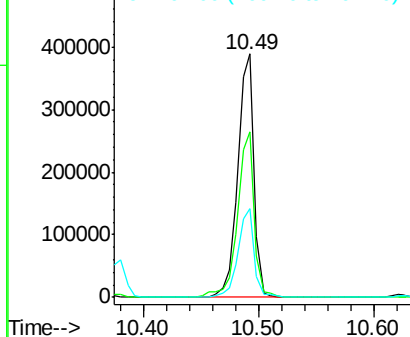
Tot Ion:	169	Resp:	376367
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.4	81.6
167	36.5	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 30.083 ng

RT: 10.86 min Scan# 1491

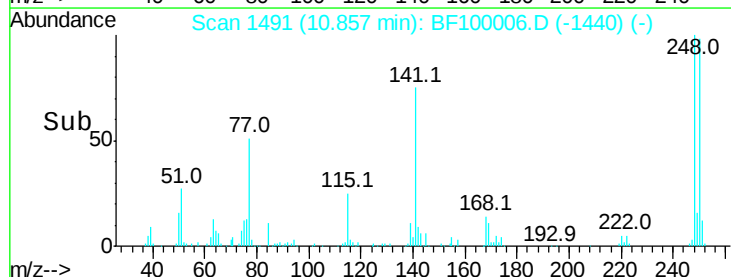
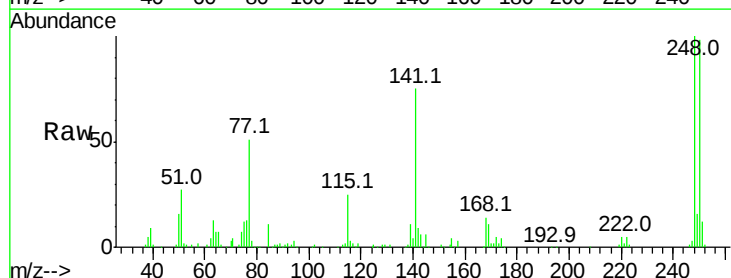
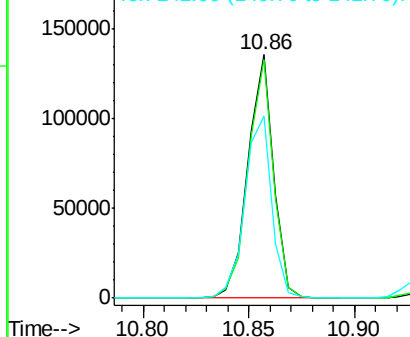
Delta R.T. 0.00 min

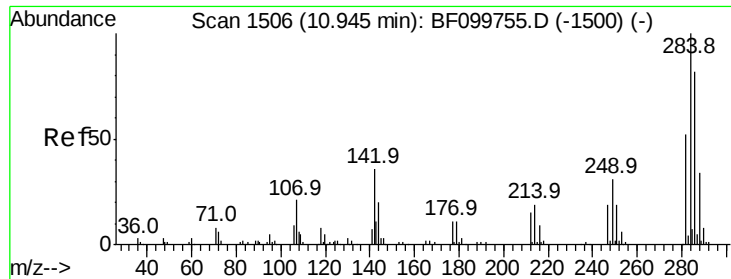
Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	248	Resp:	114573
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.9	115.3
141	75.0	74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 29.612 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

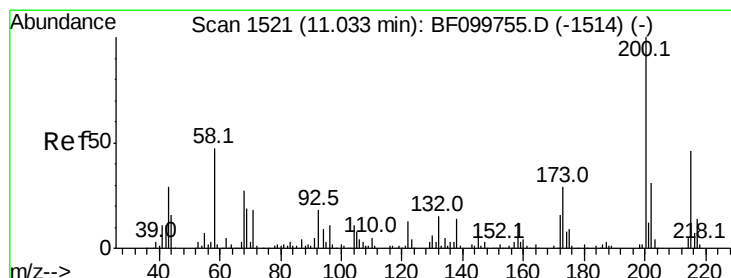
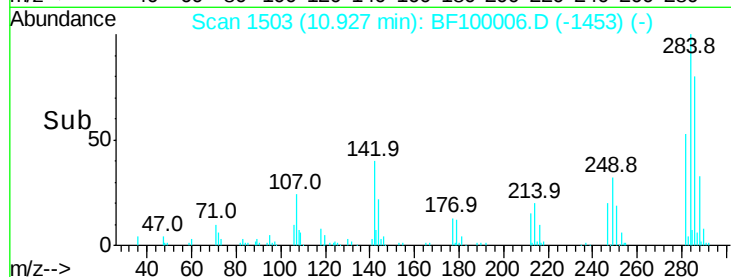
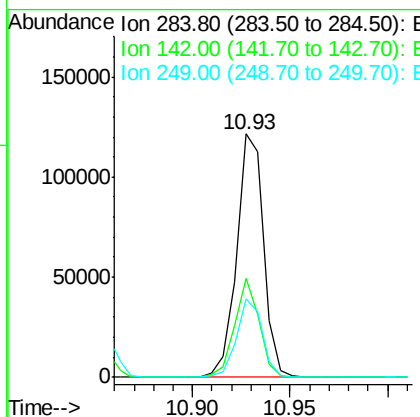
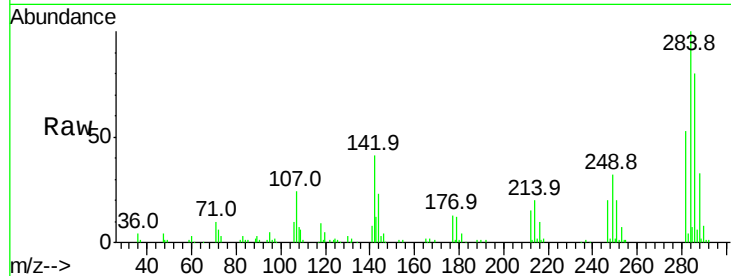
ClientSampleId :

PB103707BS

Tot Ion:	284	Resp:	115377
Ion Ratio	Lower	Upper	
284	100		
142	40.7	34.6	52.0
249	32.1	24.8	37.2

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#68

Atrazine

Concen: 30.030 ng

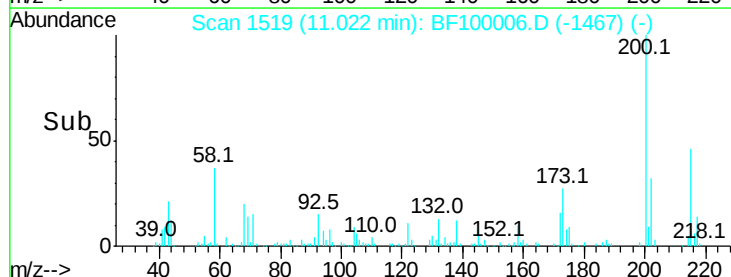
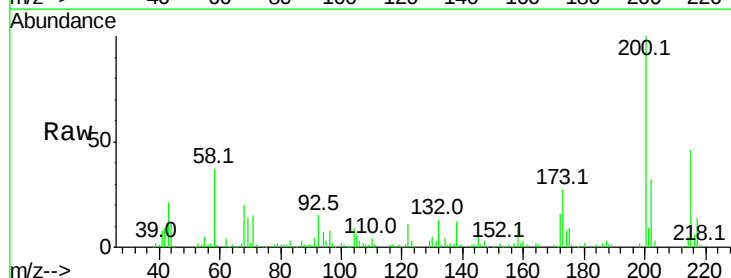
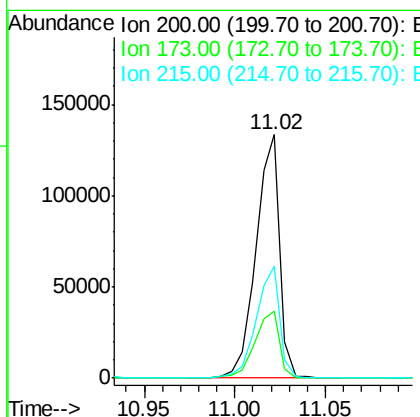
RT: 11.02 min Scan# 1519

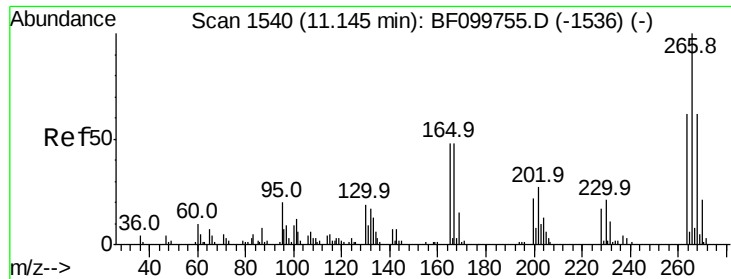
Delta R.T. 0.01 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	200	Resp:	120466
Ion Ratio	Lower	Upper	
200	100		
173	27.3	8.6	48.6
215	46.0	25.1	65.1





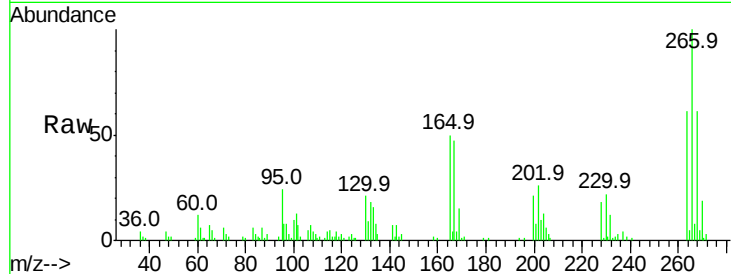
#69
 Pentachlorophenol
 Concen: 43.522 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

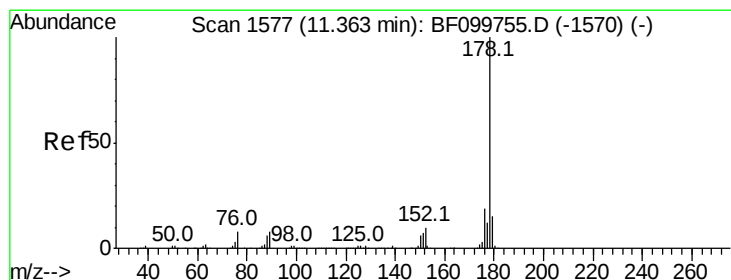
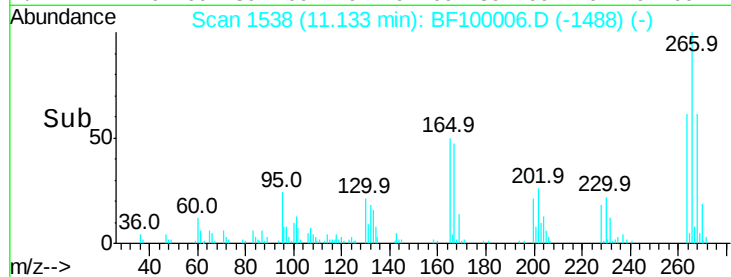
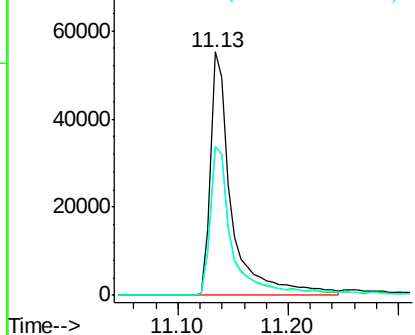
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	61.3	49.5	74.3

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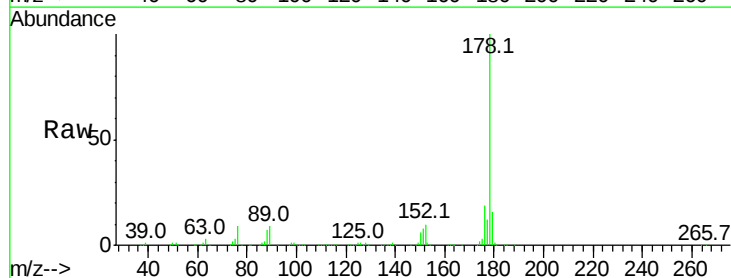


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

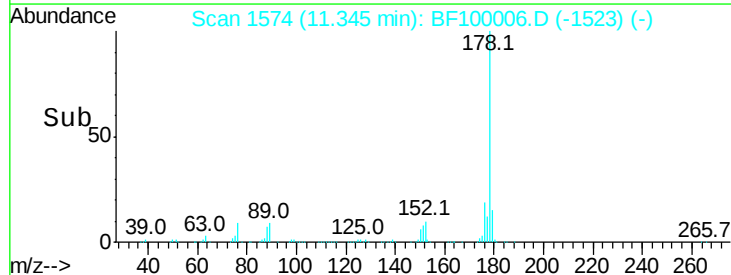
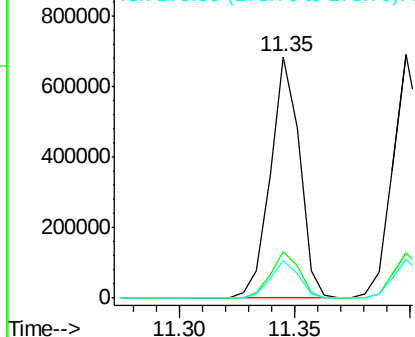


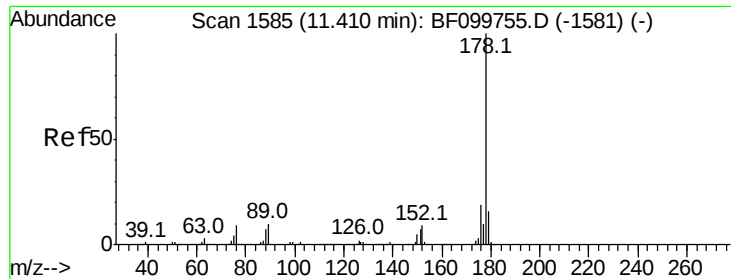
#70
 Phenanthrene
 Concen: 29.360 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	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





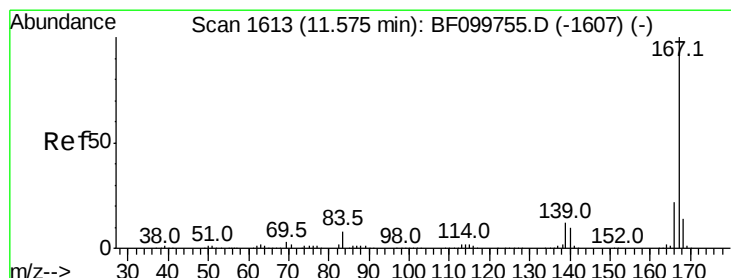
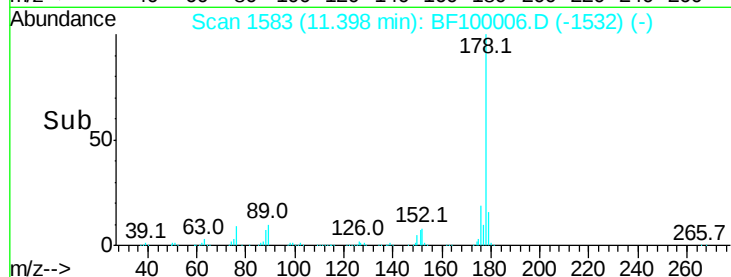
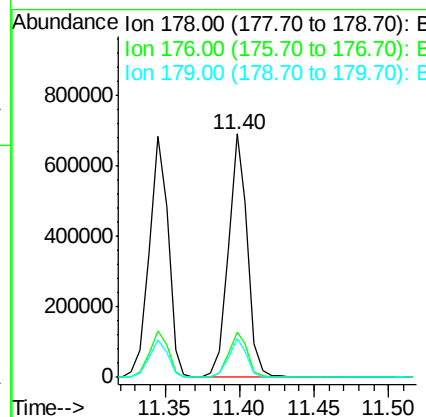
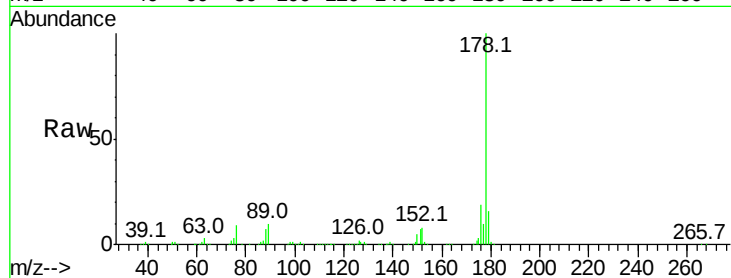
#71
 Anthracene
 Concen: 30.052 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.6	19.0

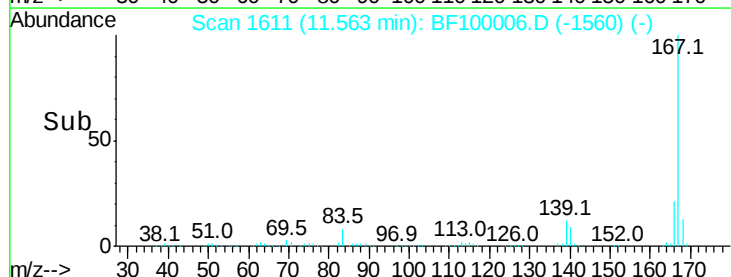
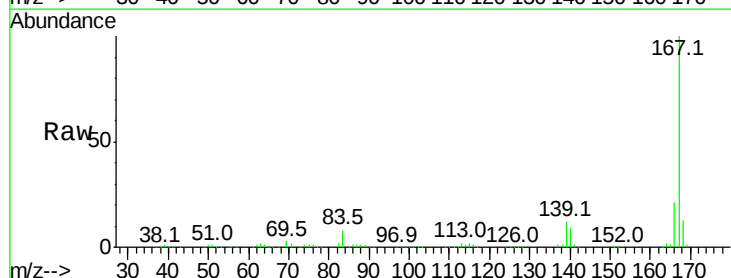
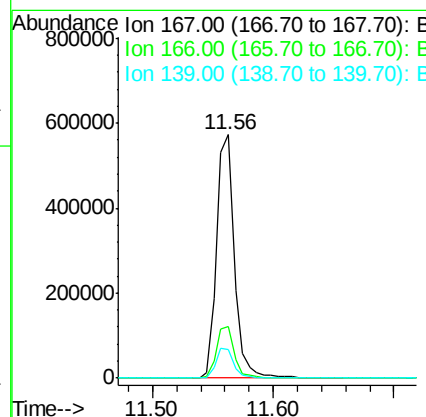
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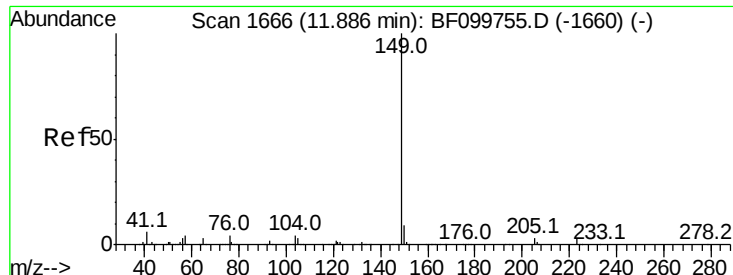
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#72
 Carbazole
 Concen: 29.767 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 29.490 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

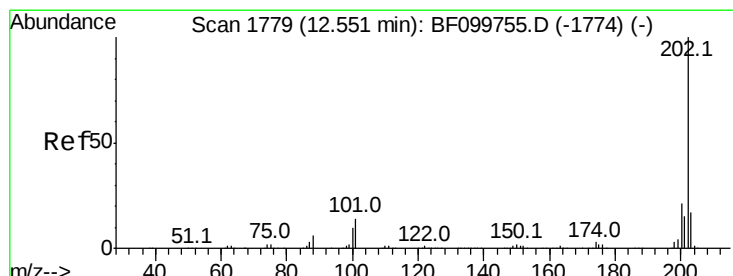
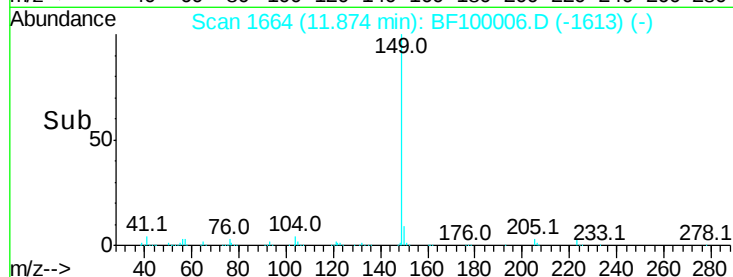
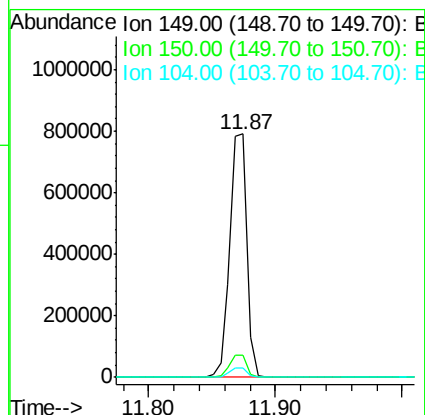
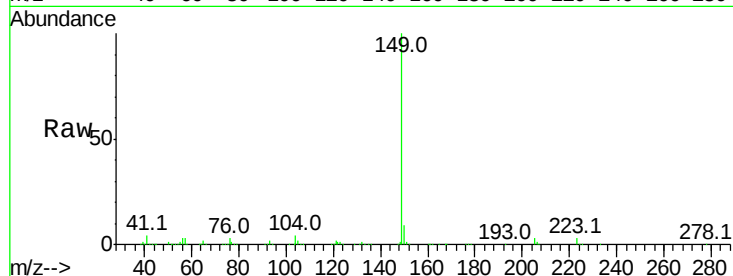
ClientSampled :

PB103707BS

Tot Ion:	149	Resp:	733032
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	3.6	3.8	5.8#

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#74

Fluoranthene

Concen: 29.824 ng

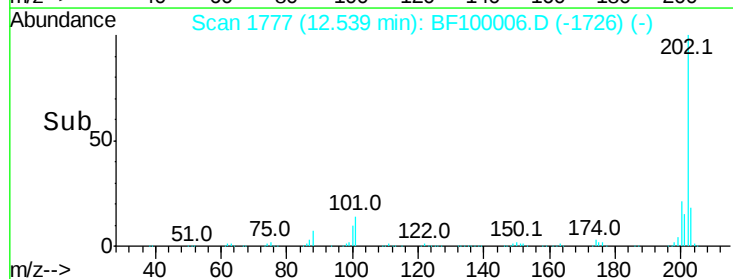
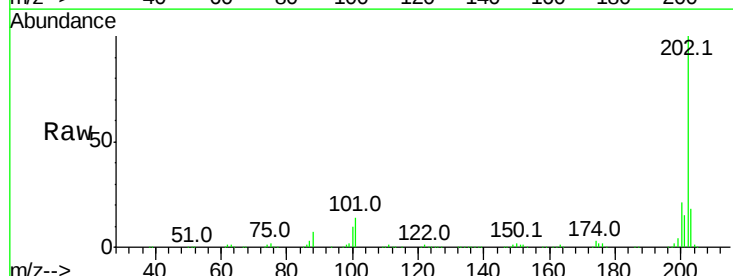
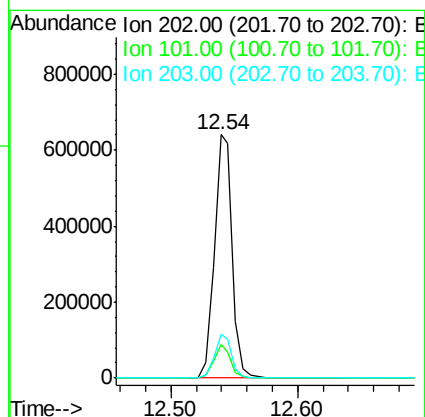
RT: 12.54 min Scan# 1777

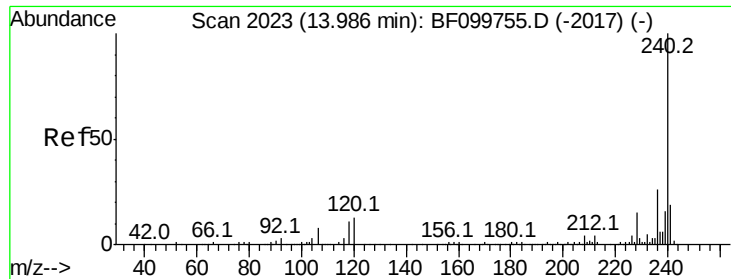
Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	202	Resp:	632774
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	18.1	0.0	38.1





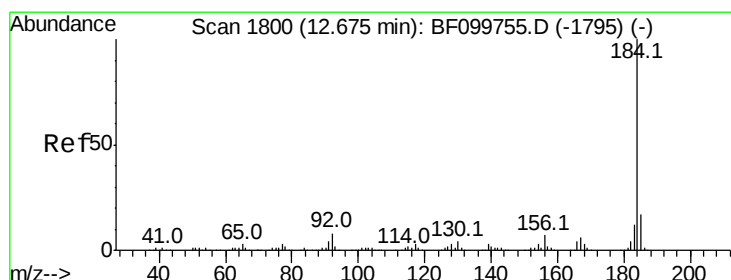
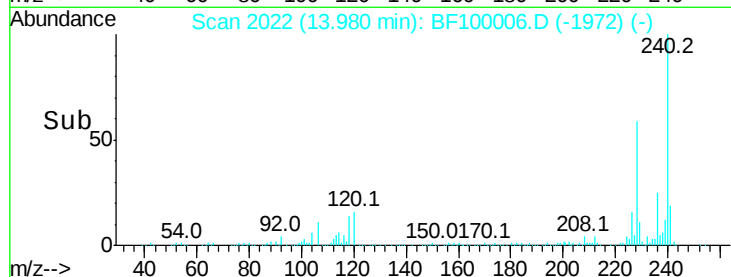
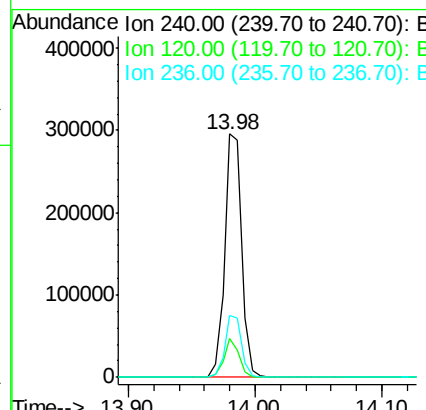
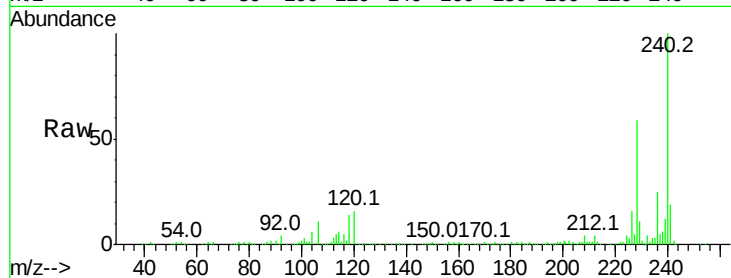
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3
236	25.3	20.7	31.1

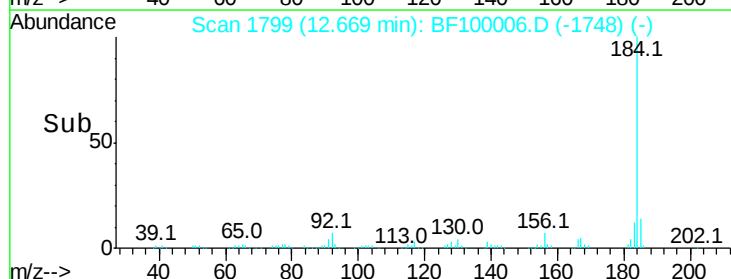
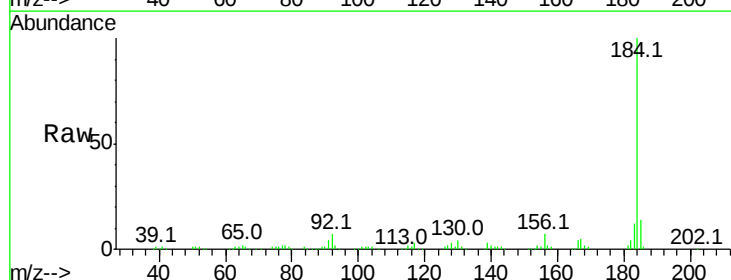
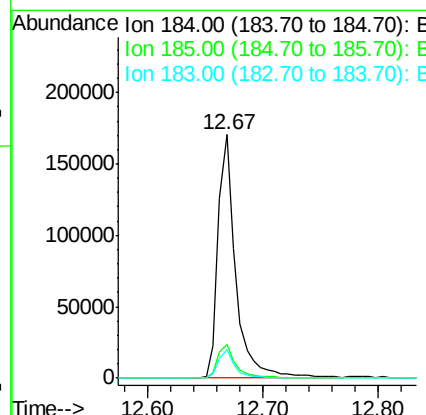
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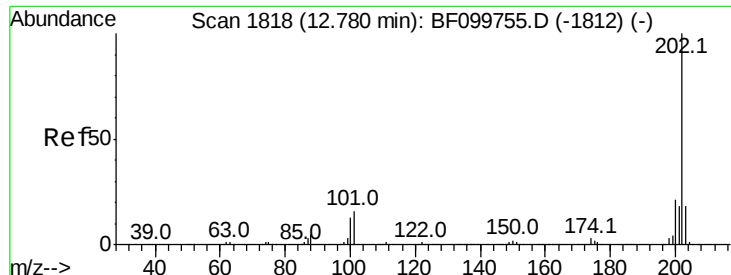
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#76
Benzidine
Concen: 14.961 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.8	9.3	13.9





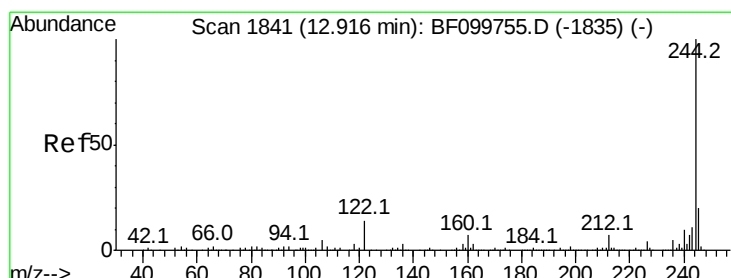
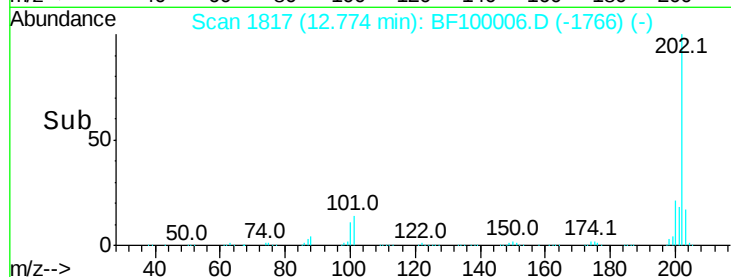
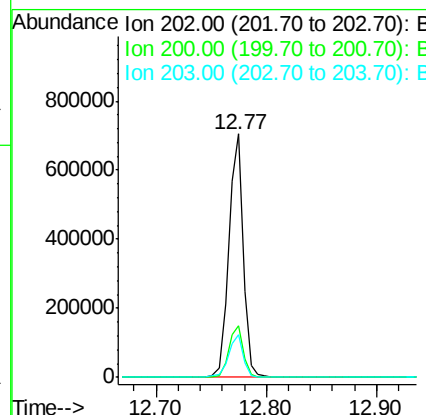
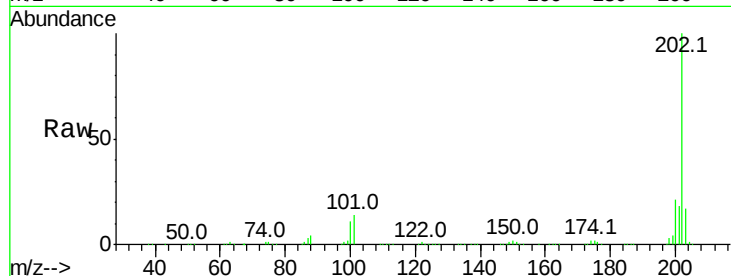
#77
Pvrene
Concen: 30.394 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.3	14.3	21.5

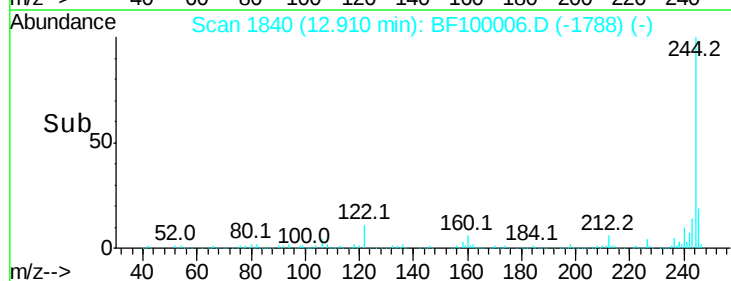
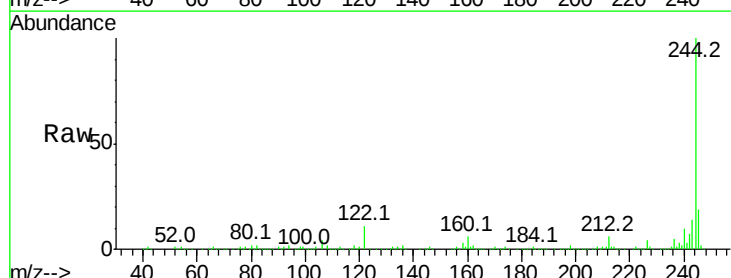
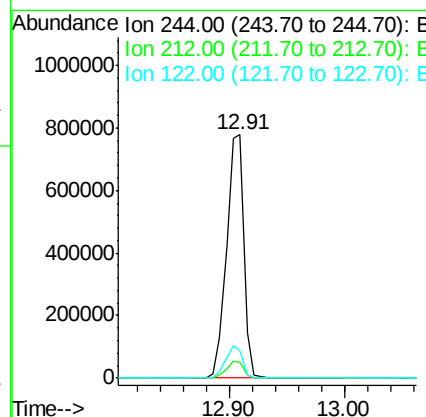
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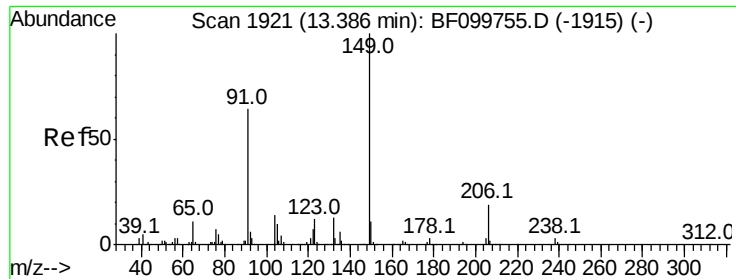
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#78
Terphenyl-d14
Concen: 62.952 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.1	11.0	16.4





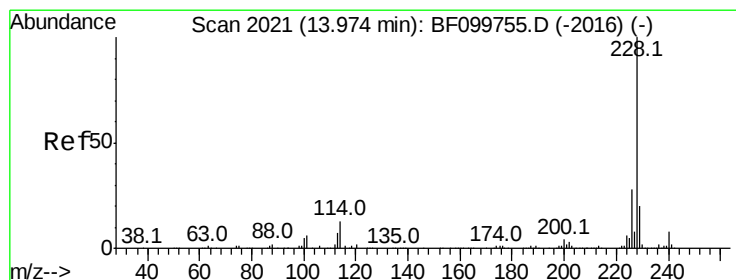
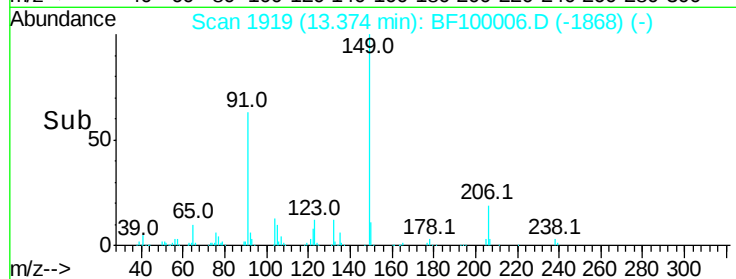
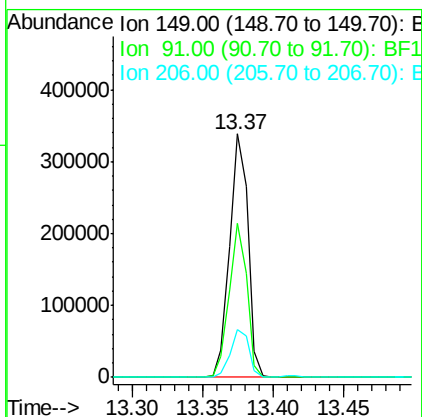
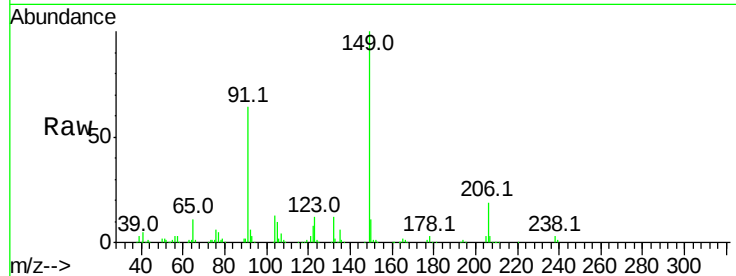
#79
Butylbenzylphthalate
Concen: 29.418 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.5	56.8	85.2
206	19.5	14.1	21.1

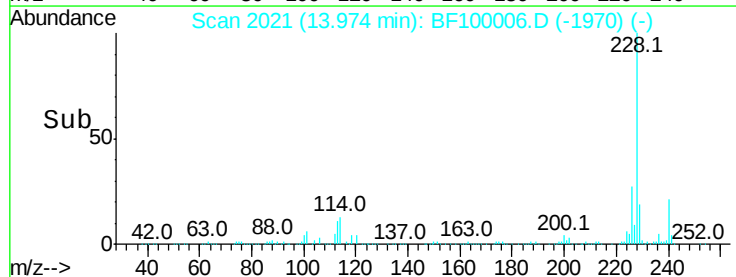
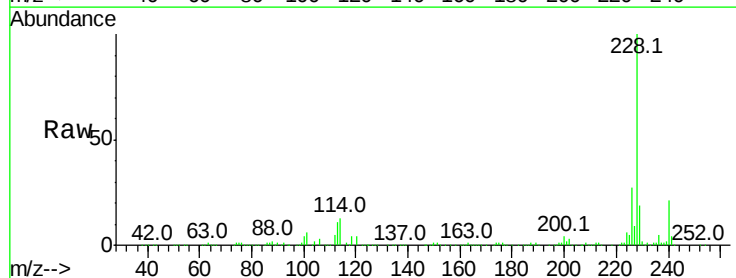
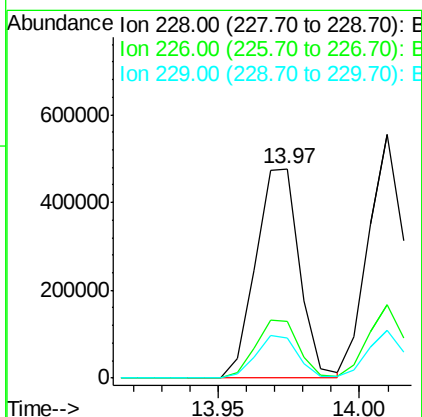
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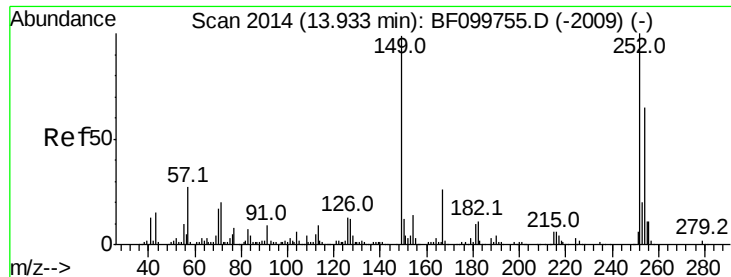
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#80
Benzo(a)anthracene
Concen: 29.097 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.4	15.8	23.6





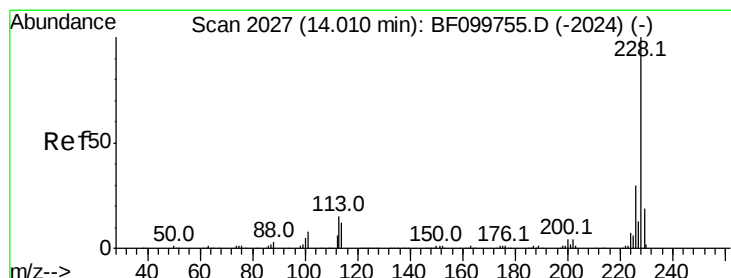
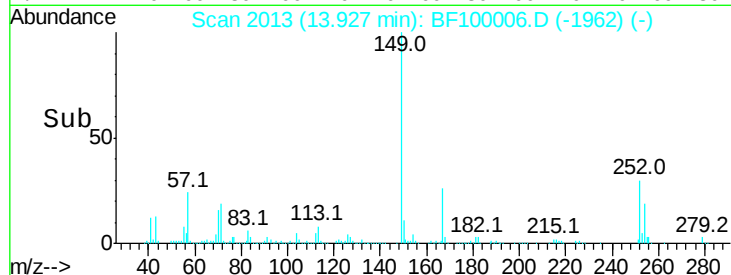
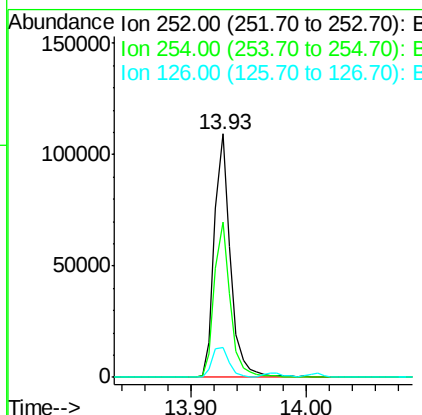
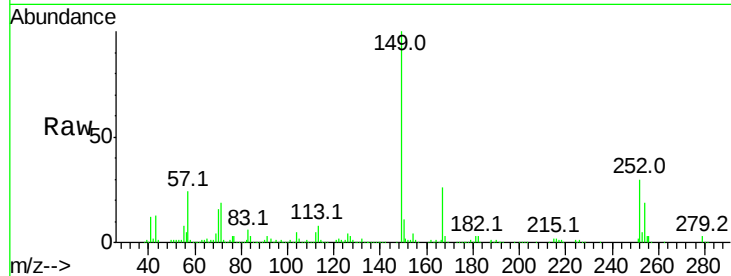
#81
 3,3'-Dichlorobenzidine
 Concen: 16.485 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampled :
 PB103707BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	12.1	11.3	16.9

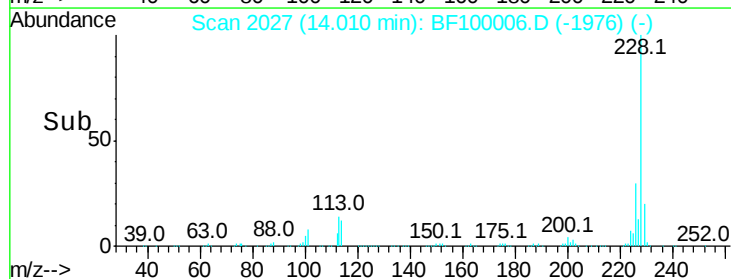
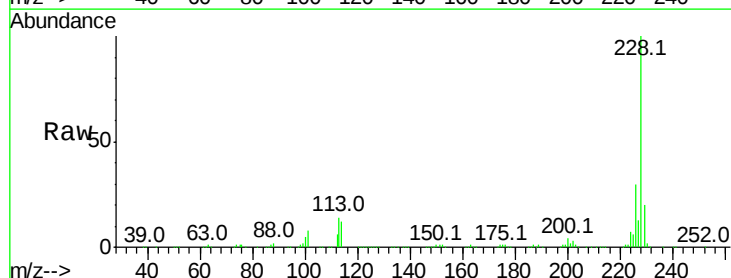
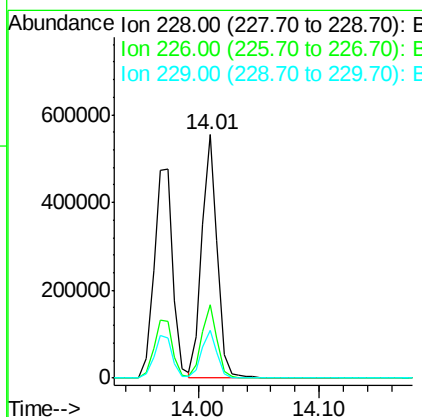
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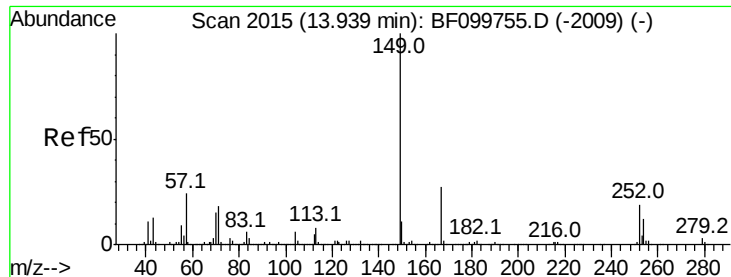
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#82
 Chrysene
 Concen: 29.652 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.058 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Instrument :

BNA_F

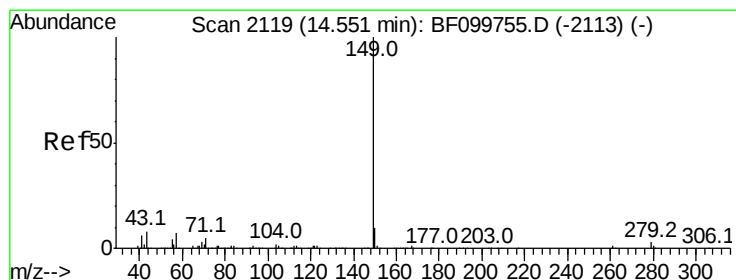
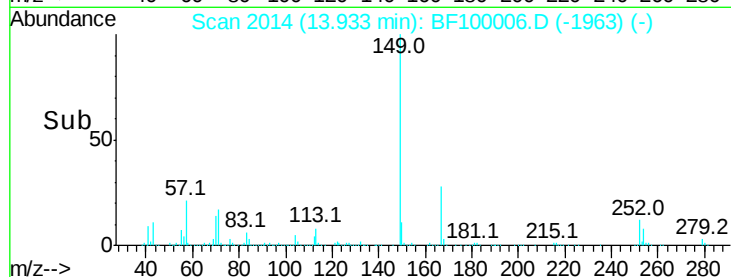
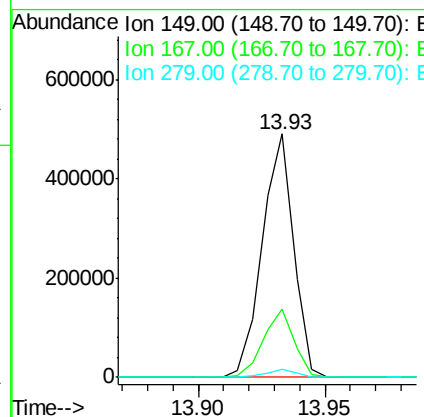
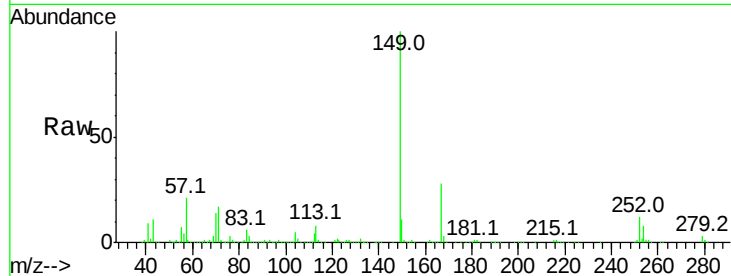
ClientSampleId :

PB103707BS

Tot Ion:	149	Resp:	425529
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	3.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 28.874 ng

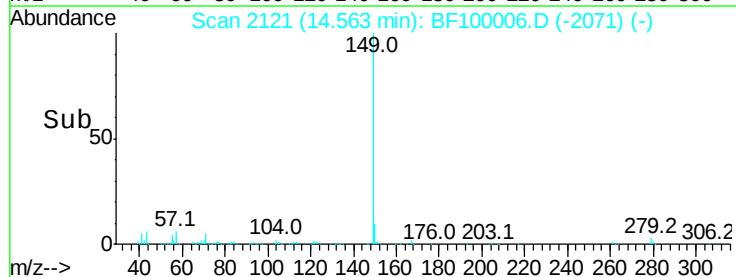
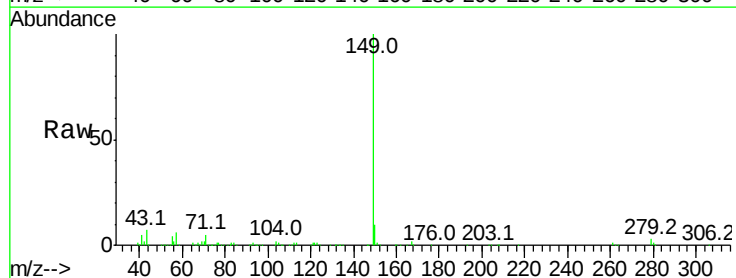
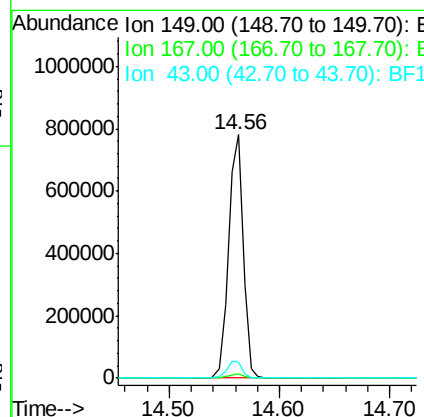
RT: 14.56 min Scan# 2121

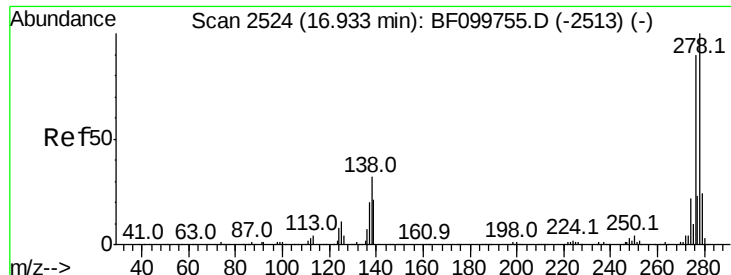
Delta R.T. -0.01 min

Lab File: BF100006.D

Acq: 31 Oct 2017 16:41

Tgt Ion:	149	Resp:	725723
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.1	8.4	12.6#





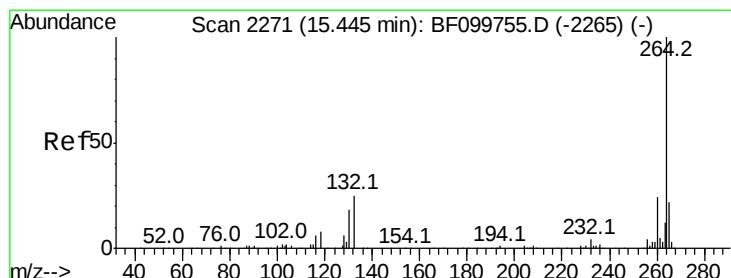
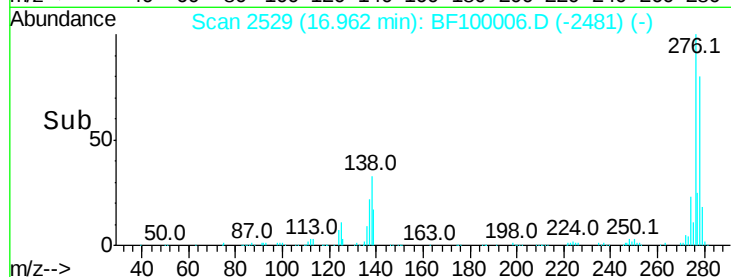
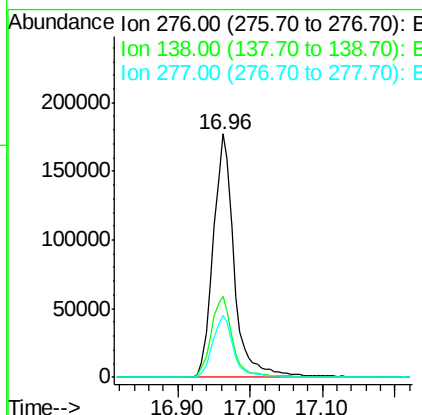
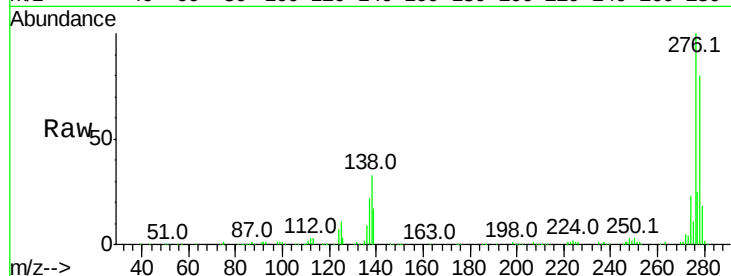
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.335 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	355553		
138	34.5	25.0	37.6	
277	25.5	20.1	30.1	

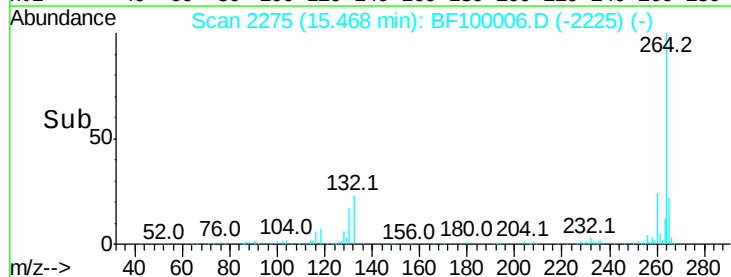
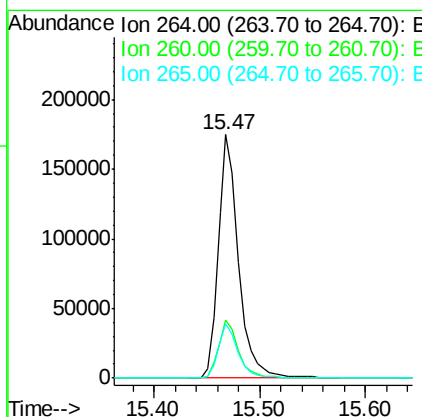
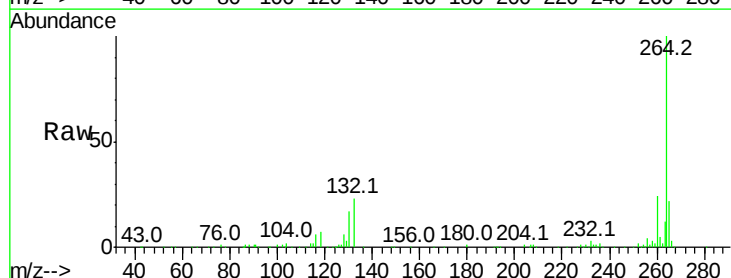
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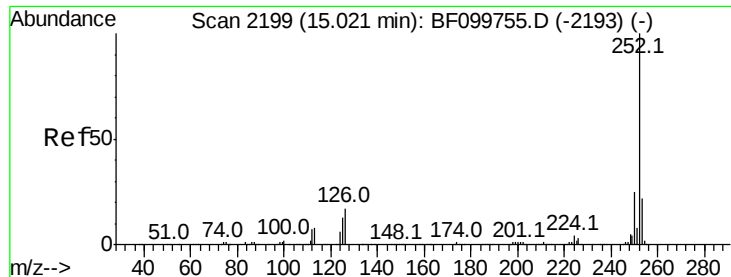
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	234800		
260	23.9	19.2	28.8	
265	22.2	17.5	26.3	





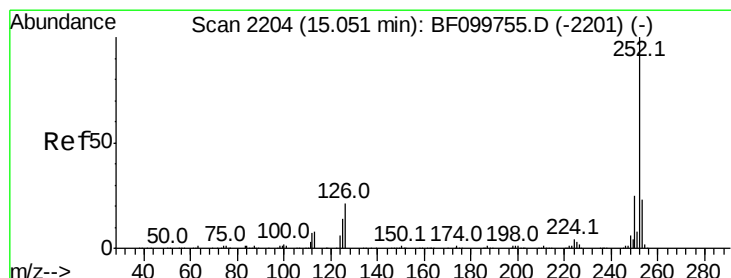
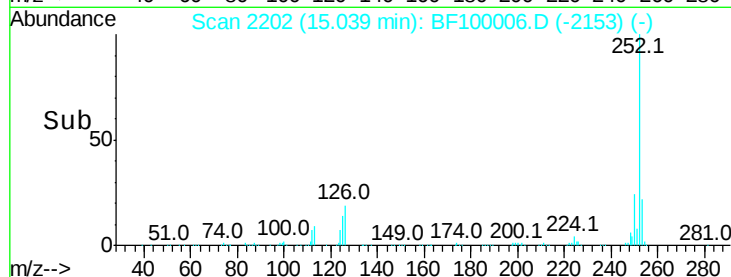
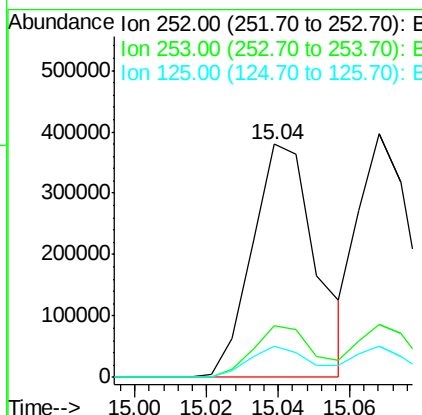
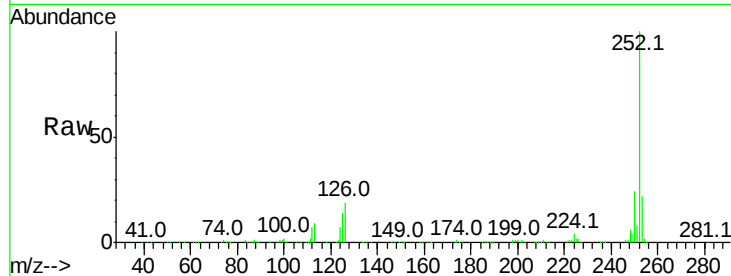
#87
Benzo(b)fluoranthene
Concen: 31.495 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB103707BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.6	9.0	13.6

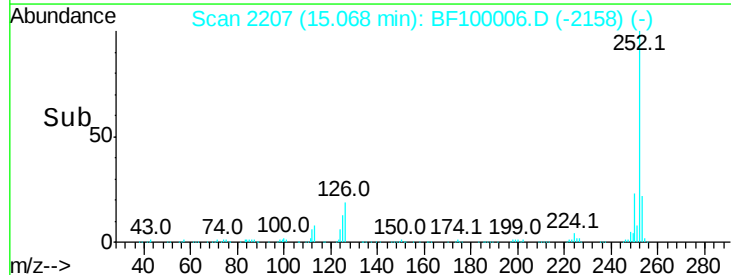
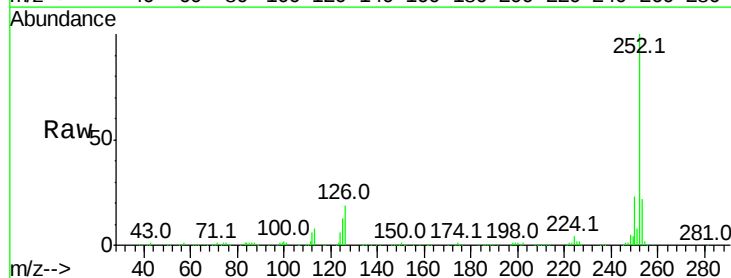
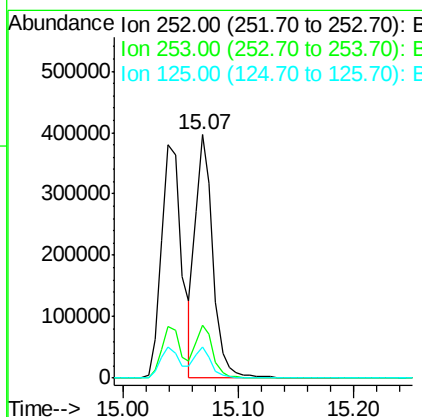
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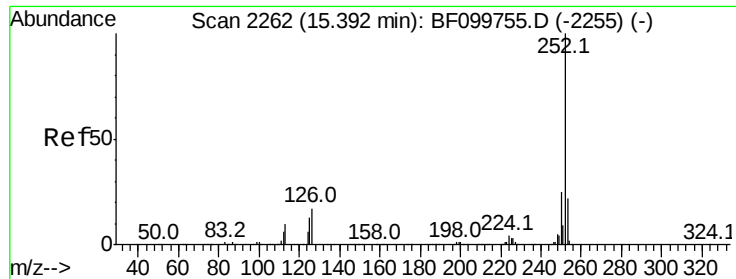
Sohil
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#88
Benzo(k)fluoranthene
Concen: 30.212 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.9	10.2	15.2





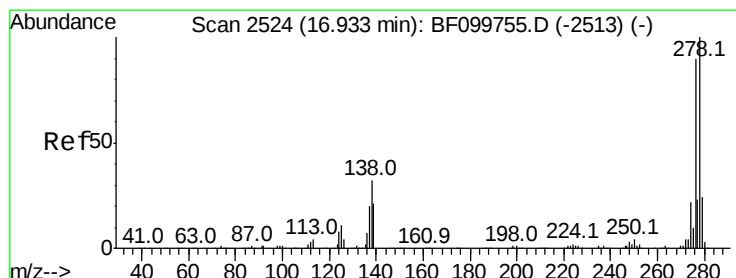
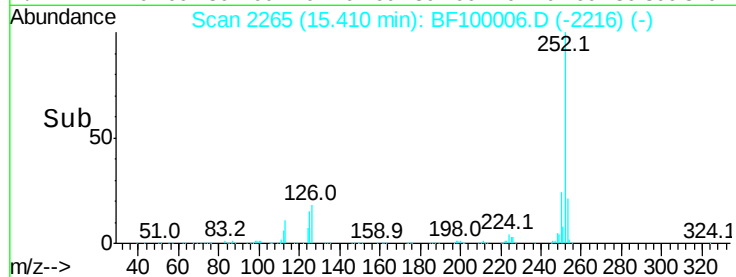
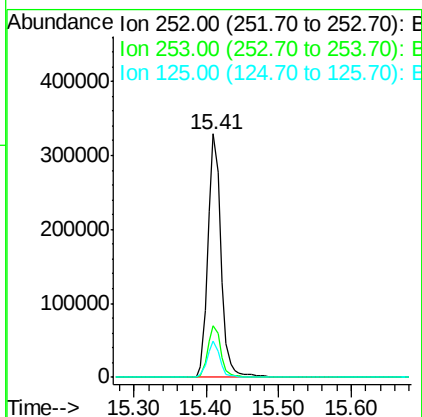
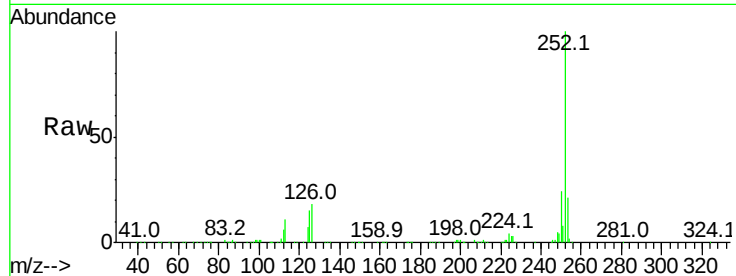
#89
Benzo(a)pyrene
Concen: 31.100 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB103707BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	14.7	9.8	14.6

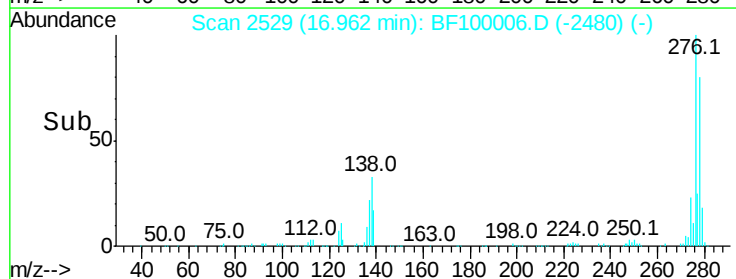
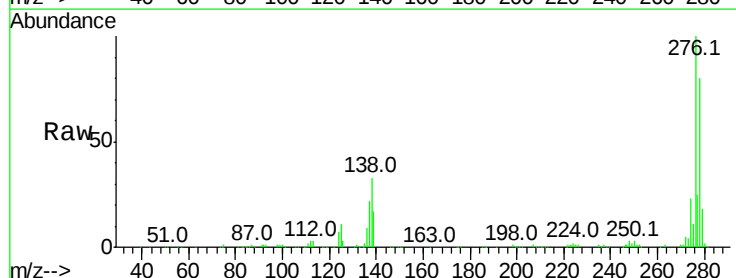
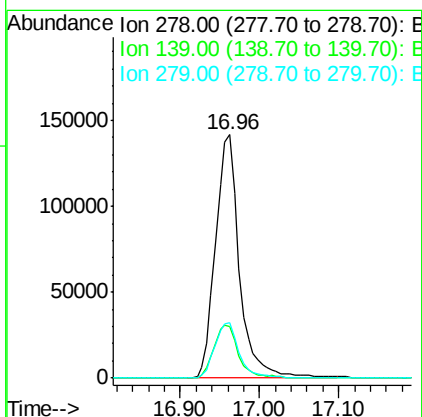
Manual Integrations
APPROVED

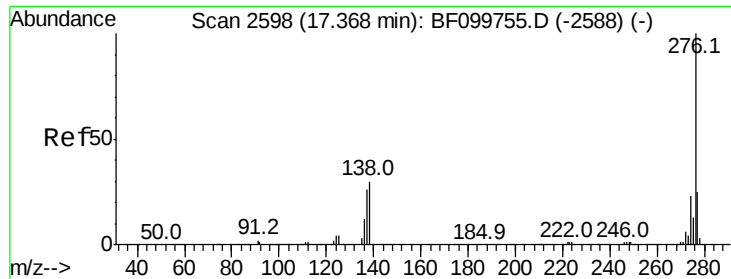
Sohil
11/1/2017 2:37:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 25.187 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF100006.D
Acq: 31 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	22.6	19.0	28.4





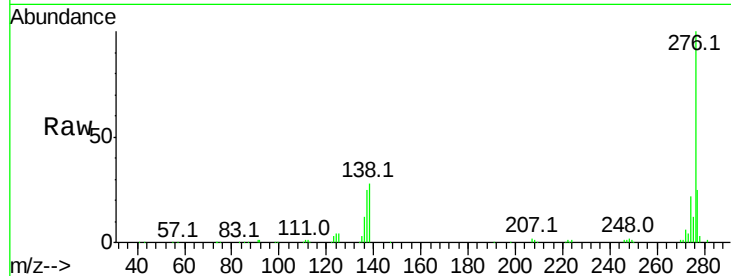
#91
 Benzo(a,h,i)perylene
 Concen: 25.282 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF100006.D
 Acq: 31 Oct 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	25.0	17.9	26.9
138	28.1	21.8	32.8

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

