

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100007.D
 Acq On : 31 Oct 2017 17:07
 Operator : SJ/JU
 Sample : PB103707BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:44 PM

Quant Time: Nov 01 04:57:26 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	84942	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375930	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189748	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	353526	20.00	ng	0.00
75) Chrysene-d12	13.98	240	271776	20.00	ng	0.00
86) Perylene-d12	15.46	264	233141	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	370393	68.46	ng	0.01
7) Phenol-d6	6.43	99	437205	68.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	359804	61.62	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	113397	65.58	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	804749	65.43	ng	0.00
78) Terphenyl-d14	12.90	244	817111	65.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	69149	28.942	ng	91
3) Pyridine	3.35	79	152381	26.522	ng	# 86
4) n-Nitrosodimethylamine	3.30	42	61657	30.038	ng	# 65
6) Aniline	6.46	93	118943	14.299	ng	# 77
8) 2-Chlorophenol	6.57	128	208341	36.130	ng	92
9) Benzaldehyde	6.35	77	80180	20.915	ng	92
10) Phenol	6.45	94	242256	34.394	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	179872	33.070	ng	95
12) 1,3-Dichlorobenzene	6.72	146	214655	33.153	ng	97
13) 1,4-Dichlorobenzene	6.80	146	220373	33.536	ng	96
14) 1,2-Dichlorobenzene	6.96	146	203413	33.965	ng	96
15) Benzyl Alcohol	6.94	79	140004	34.316	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	228861	37.878	ng	# 26
17) 2-Methylphenol	7.05	107	168107	34.852	ng	94
18) Hexachloroethane	7.29	117	72036	32.859	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	129397	34.419	ng	# 86
20) 3+4-Methylphenols	7.21	107	222303	39.582	ng	# 79
22) Acetophenone	7.20	105	266777	31.167	ng	# 94
24) Nitrobenzene	7.37	77	188361	32.015	ng	93
25) Isophorone	7.61	82	367479	34.682	ng	97
26) 2-Nitrophenol	7.69	139	113767	33.761	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	187912	37.847	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	243629	32.832	ng	98
29) 2,4-Dichlorophenol	7.94	162	183071	35.494	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	180061	32.673	ng	98
31) Naphthalene	8.09	128	592869	32.671	ng	99
32) Benzoic acid	7.89	122	85645	19.597	ng	93
33) 4-Chloroaniline	8.16	127	82691	11.035	ng	# 93
34) Hexachlorobutadiene	8.20	225	90119	31.792	ng	99
35) Caprolactam	8.53	113	57317m	35.337	ng	
36) 4-Chloro-3-methylphenol	8.65	107	183182	34.796	ng	93
37) 2-Methylnaphthalene	8.78	142	422959	34.781	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173703	28.344	ng	98
40) Hexachlorocyclopentadiene	8.93	237	49097	47.528	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	116186	31.343	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	119434	30.361	nq	94
45) 1,1'-Biphenyl	9.25	154	504296	29.378	nq	99
46) 2-Chloronaphthalene	9.27	162	394512	31.647	nq	96
47) 2-Nitroaniline	9.39	65	103727	31.703	nq #	82
48) Acenaphthylene	9.69	152	588096	30.629	nq	99
49) Dimethylphthalate	9.55	163	465448	30.975	nq	100
50) 2,6-Dinitrotoluene	9.63	165	106163	33.607	nq #	77
51) Acenaphthene	9.86	154	357351	30.460	nq	99
52) 3-Nitroaniline	9.80	138	53176	14.286	nq	92
53) 2,4-Dinitrophenol	9.93	184	57727	48.713	nq #	79
54) Dibenzofuran	10.03	168	541747	32.713	nq	99
55) 4-Nitrophenol	9.99	139	86335	44.392	nq #	79
56) 2,4-Dinitrotoluene	10.04	165	134970	35.479	nq	92
57) Fluorene	10.38	166	442900	32.301	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	97947	35.513	nq #	89
59) Diethylphthalate	10.25	149	465470	31.721	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	203031	31.463	nq	95
61) 4-Nitroaniline	10.42	138	102035	28.733	nq	85
62) Azobenzene	10.53	77	396360	32.222	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	54763	24.643	nq #	73
65) n-Nitrosodiphenylamine	10.49	169	395791	30.328	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	122857	33.010	nq #	90
67) Hexachlorobenzene	10.93	284	122879	32.272	nq	95
68) Atrazine	11.02	200	128050	32.665	nq	98
69) Pentachlorophenol	11.13	266	83363	51.238	nq	98
70) Phenanthrene	11.35	178	635965	31.876	nq	99
71) Anthracene	11.40	178	654383	32.313	nq	99
72) Carbazole	11.56	167	606012	31.821	nq	98
73) Di-n-butylphthalate	11.87	149	764774	31.484	nq	98
74) Fluoranthene	12.54	202	662594	31.957	nq	99
76) Benzidine	12.66	184	190205	15.994	nq	98
77) Pyrene	12.77	202	672962	32.564	nq	99
79) Butylbenzylphthalate	13.37	149	314140	30.869	nq	90
80) Benzo(a)anthracene	13.97	228	548015	31.808	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	126702	20.259	nq	99
82) Chrysene	14.01	228	528682	32.640	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	435194	30.453	nq	99
84) Di-n-octyl phthalate	14.56	149	757244	30.872	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.96	276	387446	26.056	nq	97
87) Benzo(b)fluoranthene	15.03	252	504111m	34.243	nq	
88) Benzo(k)fluoranthene	15.06	252	447889	32.264	nq	98
89) Benzo(a)pyrene	15.40	252	441424	33.380	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	326828	27.814	nq	97
91) Benzo(g,h,i)perylene	17.40	276	317581	27.625	nq	96

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

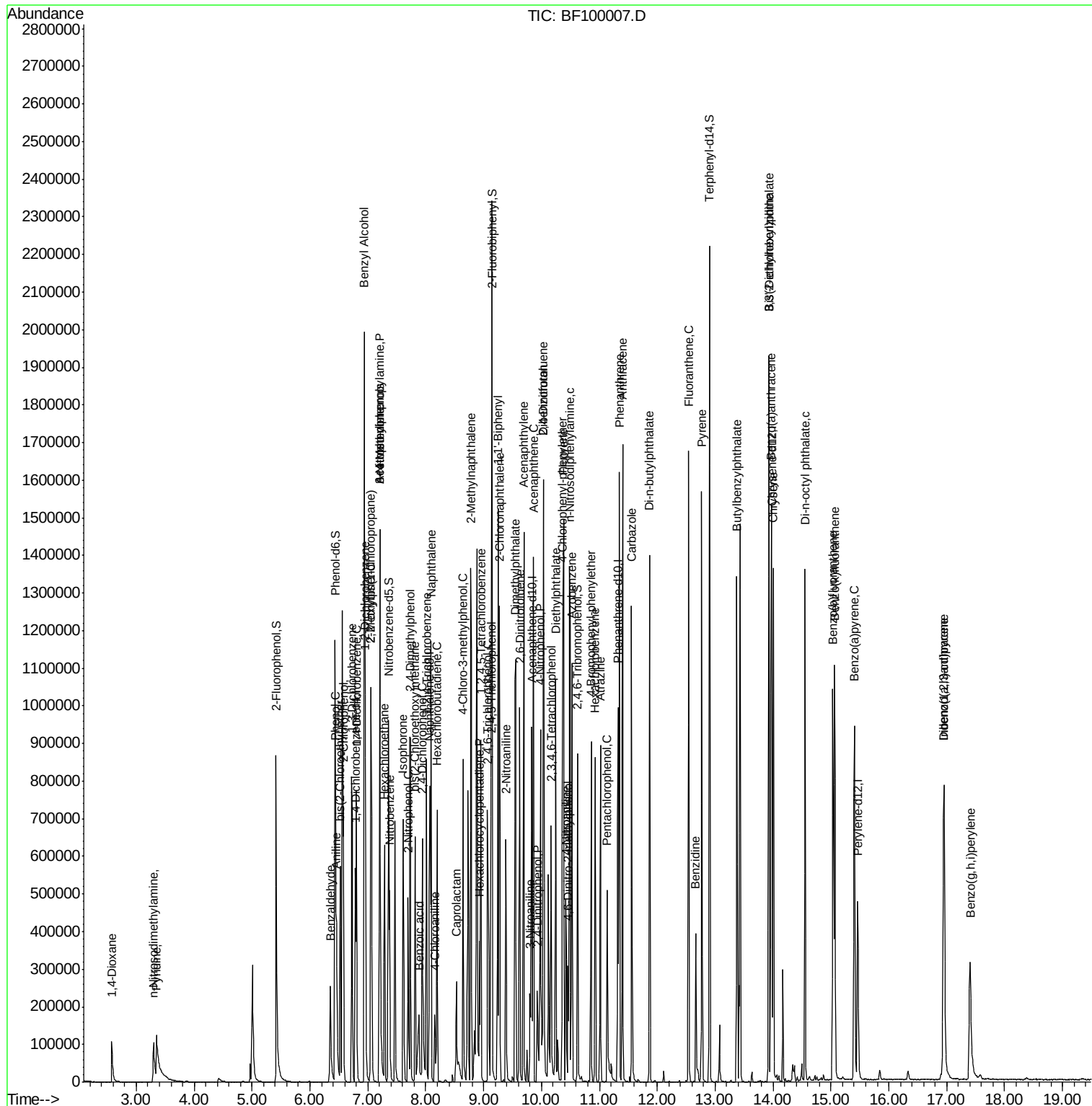
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\  
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Acq On    : 31 Oct 2017  17:07  
Operator  : SJ/JU  
Sample    : PB103707BSD  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
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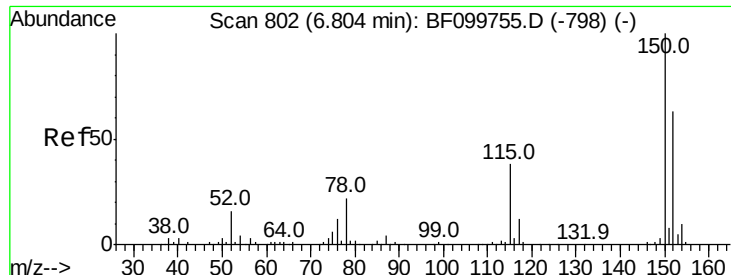
Instrument :
BNA_F
ClientSampleId :
PB103707BSD

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#1

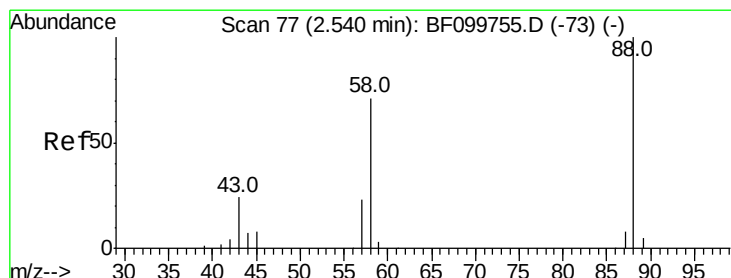
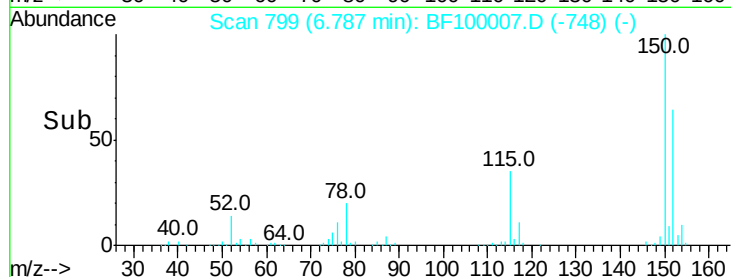
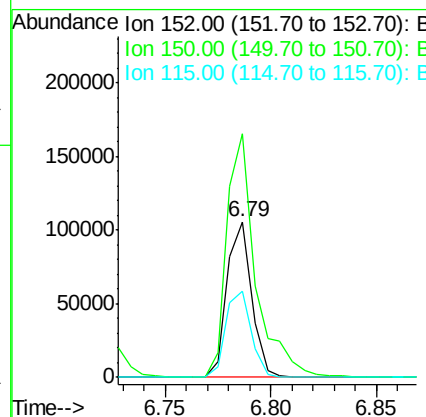
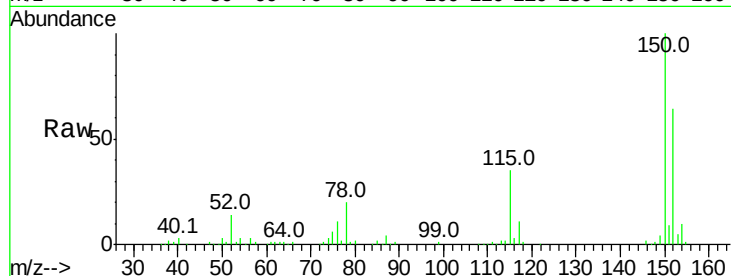
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	55.3	50.1	75.1

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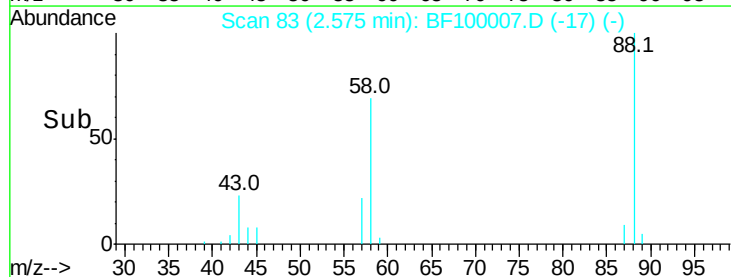
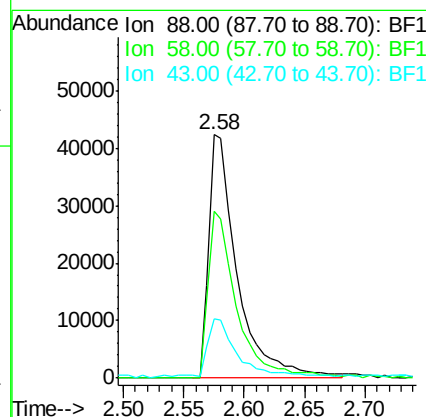
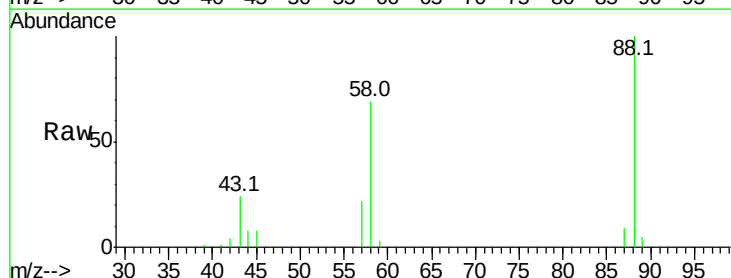
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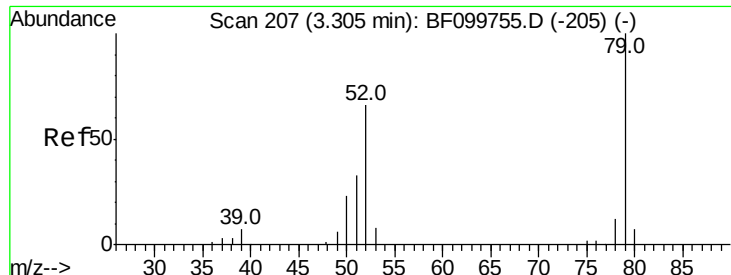


#2

1,4-Dioxane
Concen: 28.942 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.09 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	62.6	93.8
43	28.5	24.6	37.0





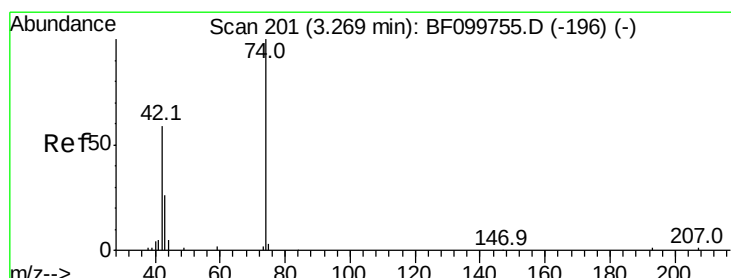
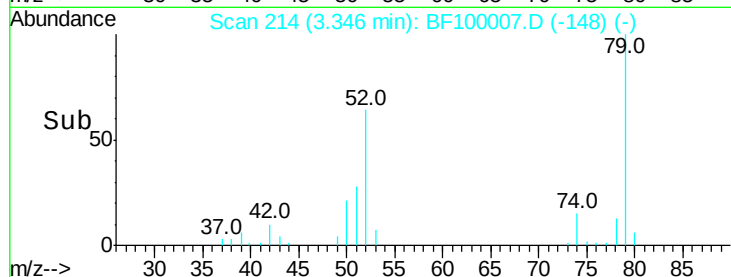
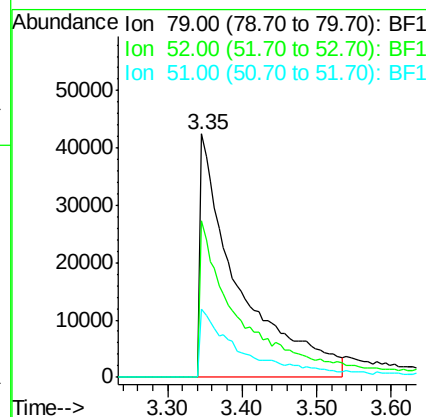
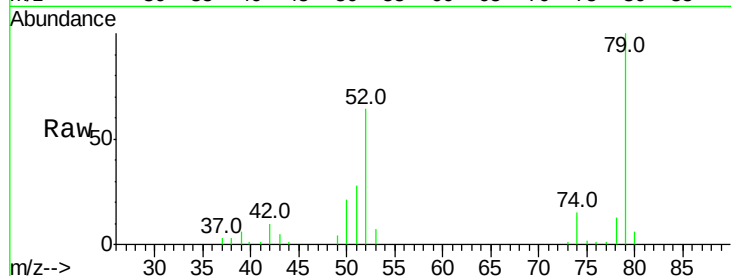
#3
 Pvridine
 Concen: 26.522 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	64.1	59.8	89.6		
51	28.0	29.8	44.8		

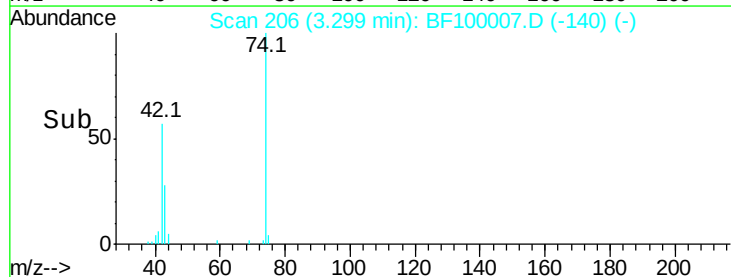
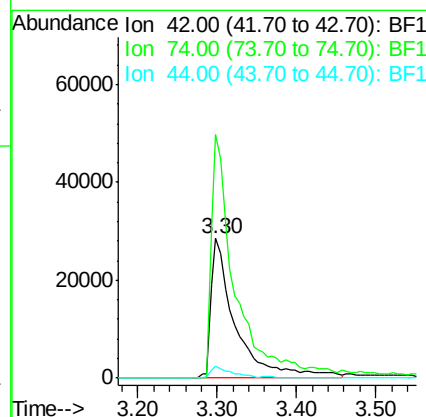
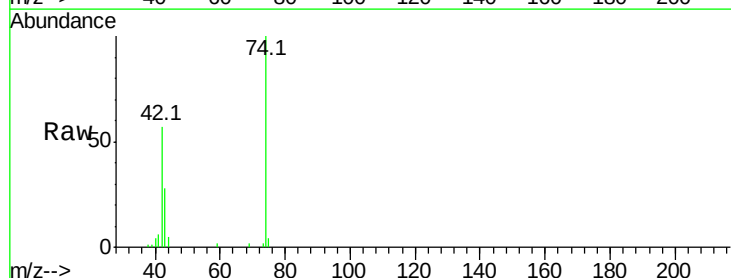
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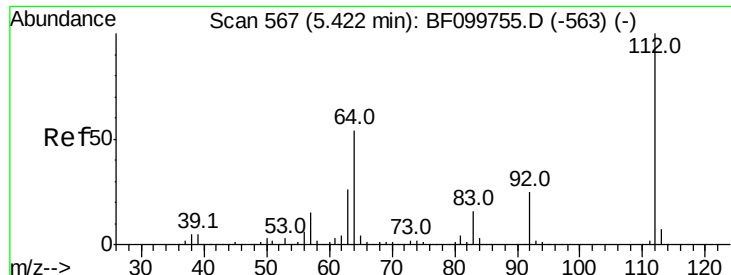
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#4
 n-Nitrosodimethylamine
 Concen: 30.038 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.09 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	174.5	104.9	157.3		
44	8.7	6.9	10.3		





#5

2-Fluorophenol

Concen: 68.459 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

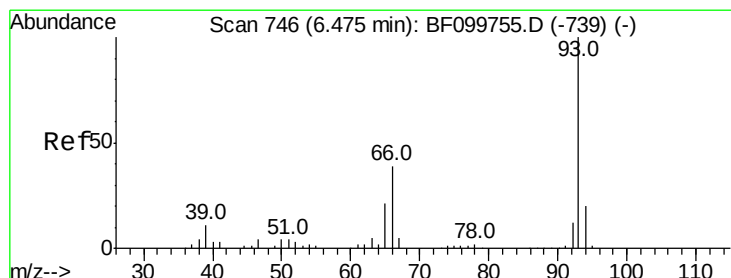
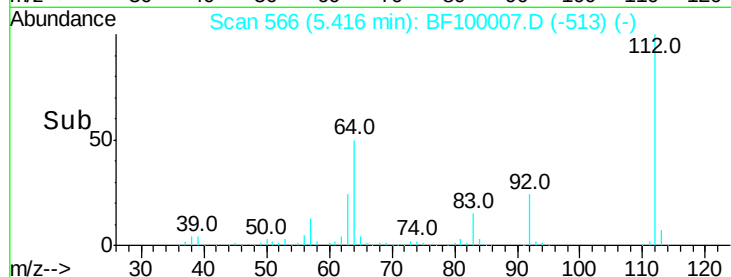
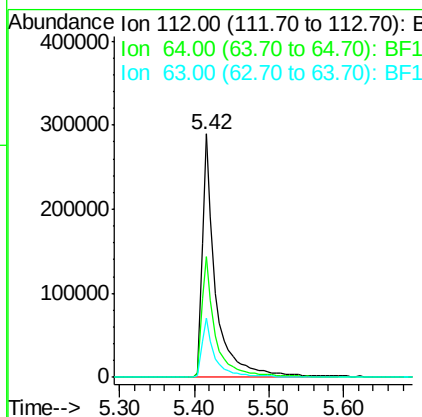
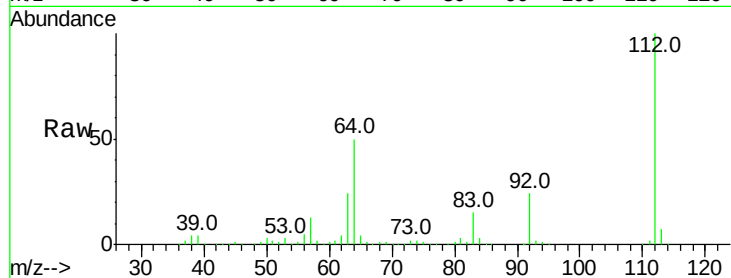
ClientSampled :

PB103707BSD

Tot Ion:	112	Resp:	370393
Ion Ratio	Lower	Upper	
112	100		
64	49.8	47.9	71.9
63	24.2	23.7	35.5

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#6

Aniline

Concen: 14.299 ng

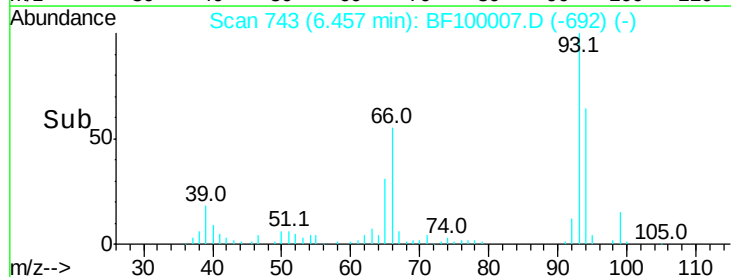
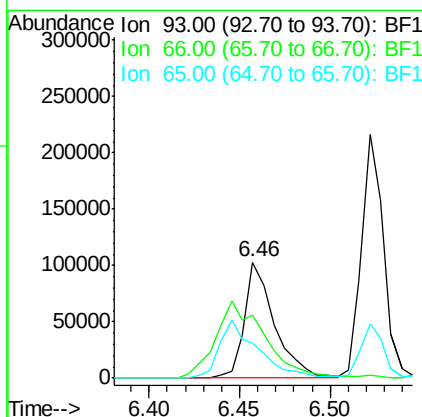
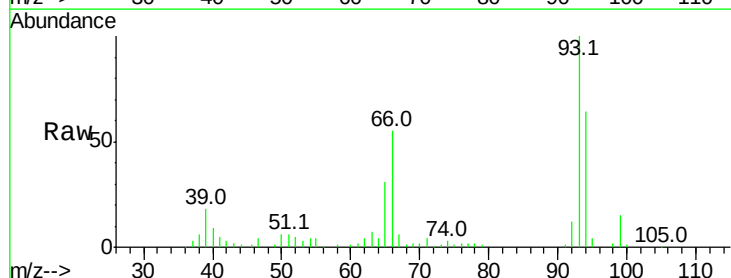
RT: 6.46 min Scan# 743

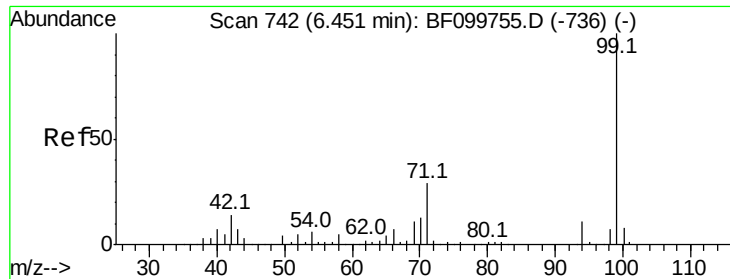
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	93	Resp:	118943
Ion Ratio	Lower	Upper	
93	100		
66	54.9	32.2	48.2#
65	30.5	16.4	24.6#





#7

Phenol-d6

Concen: 68.151 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

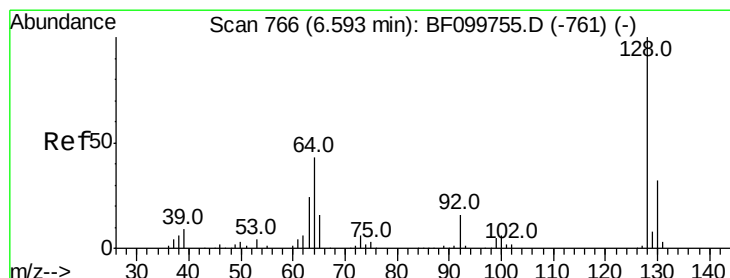
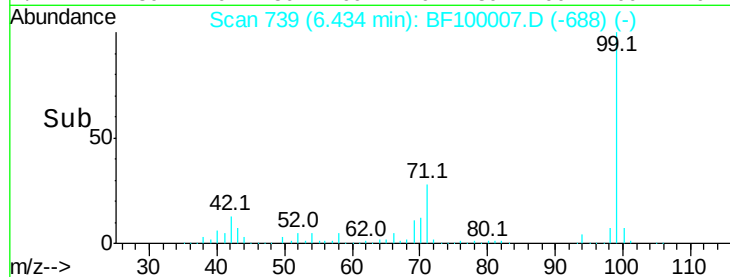
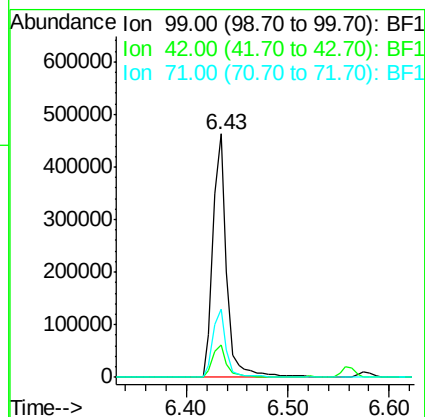
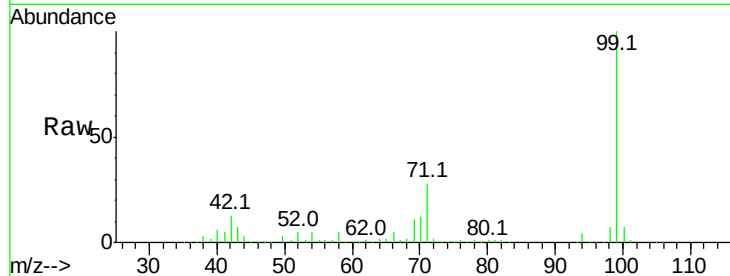
ClientSampleId :

PB103707BSD

Tot Ion	99	Resp	437205
Ion Ratio	Lower	Upper	
99	100		
42	13.2	14.5	21.7#
71	28.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 36.130 ng

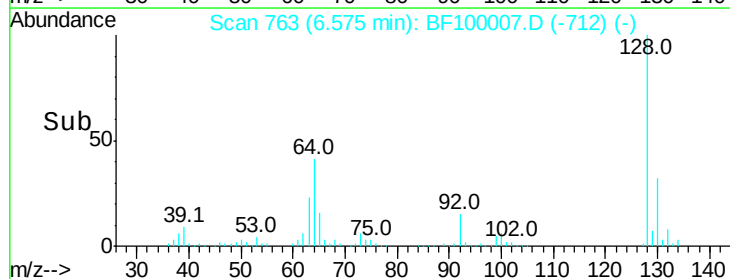
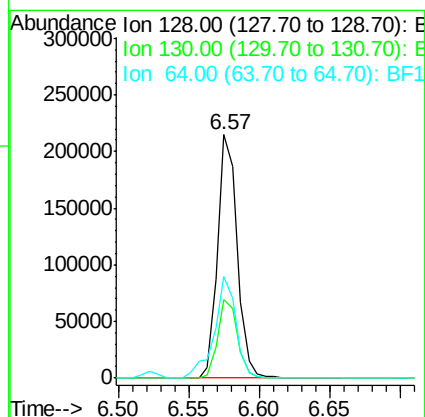
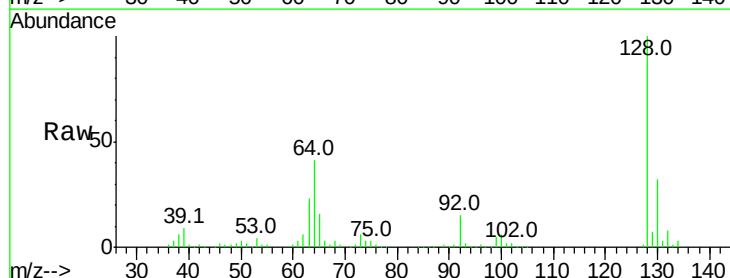
RT: 6.57 min Scan# 763

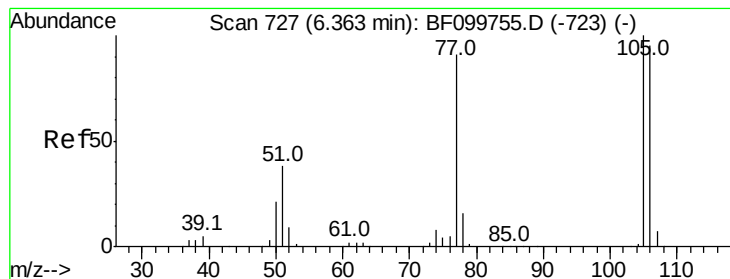
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion	128	Resp	208341
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	41.5	29.4	69.4





#9

Benzaldehyde

Concen: 20.915 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

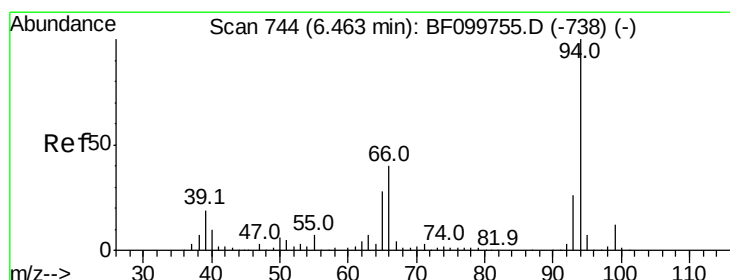
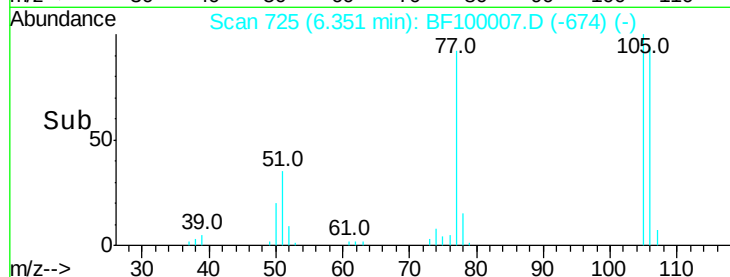
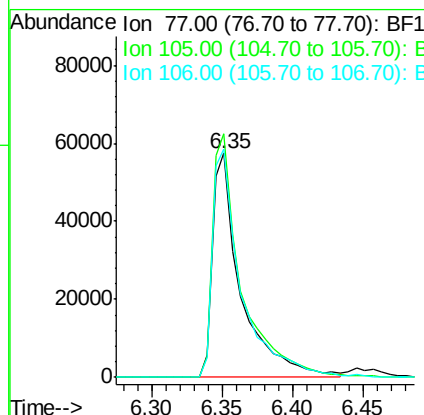
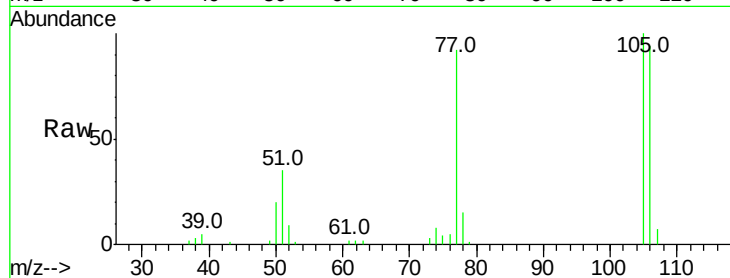
ClientSampleId :

PB103707BSD

Tot Ion:	77	Resp:	80180
Ion	Ratio	Lower	Upper
77	100		
105	108.8	81.1	121.1
106	101.7	74.5	114.5

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#10

Phenol

Concen: 34.394 ng

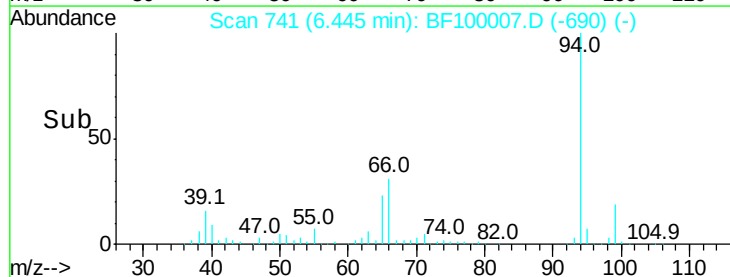
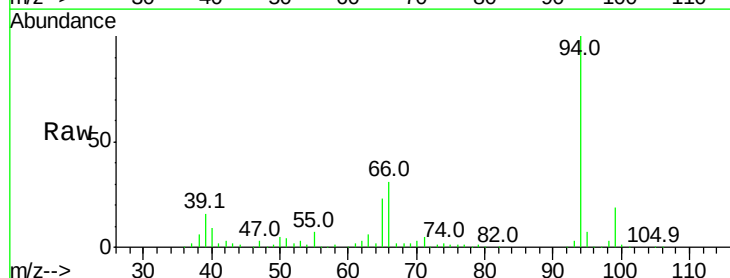
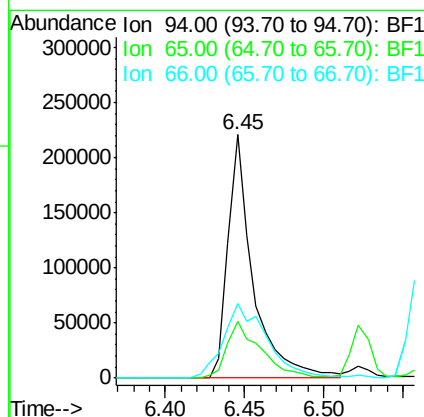
RT: 6.45 min Scan# 741

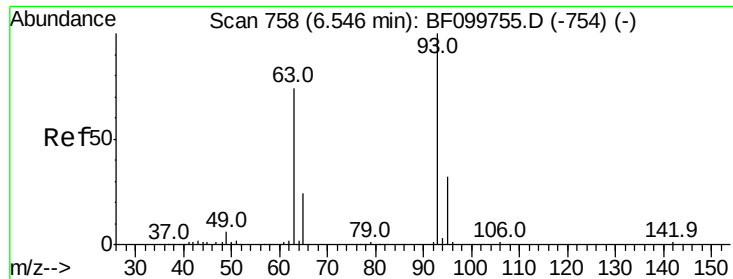
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	94	Resp:	242256
Ion	Ratio	Lower	Upper
94	100		
65	23.2	7.9	47.9
66	30.9	16.2	56.2





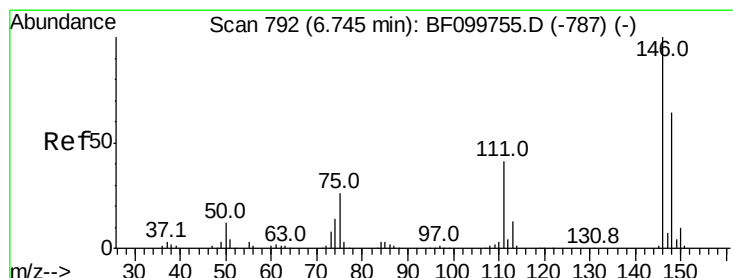
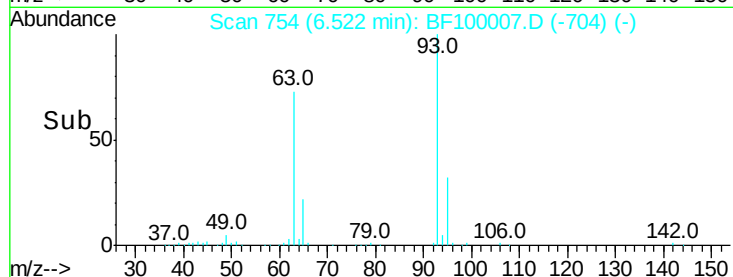
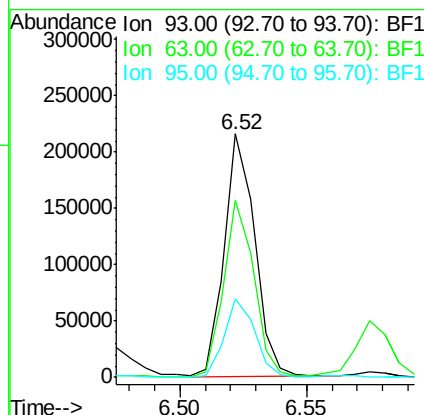
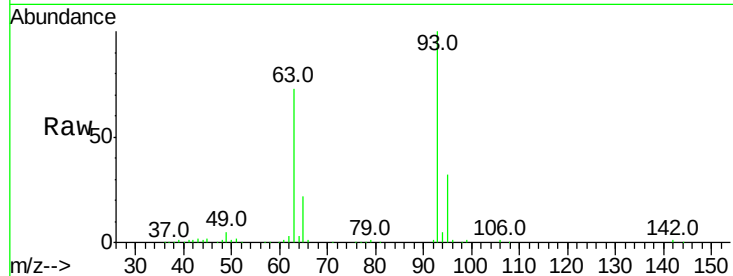
#11
bis(2-Chloroethyl)ether
Concen: 33.070 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	179872		
63	72.9	58.6	98.6	
95	32.1	11.8	51.8	

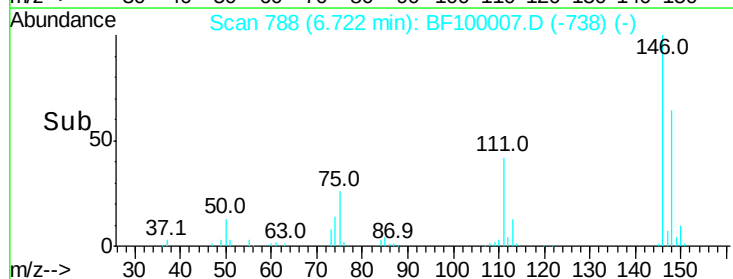
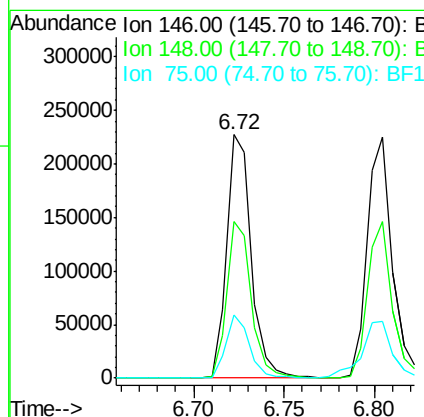
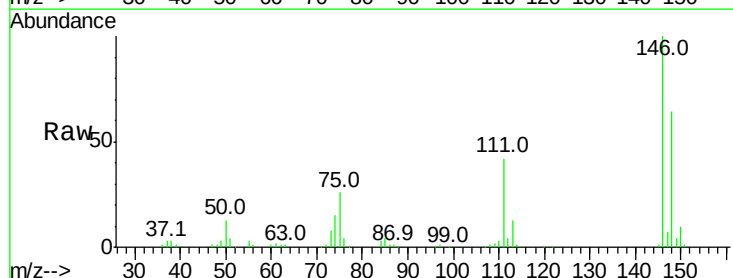
Manual Integrations
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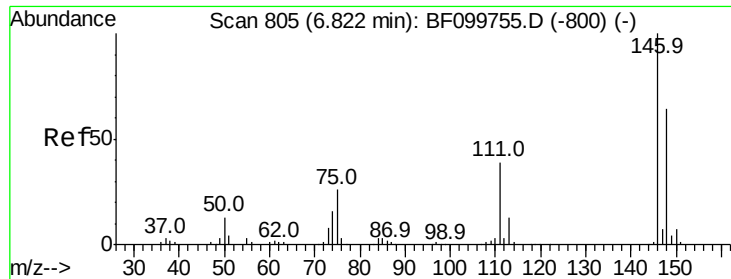
Sohil
11/1/2017 2:37:44 PM



#12
1,3-Dichlorobenzene
Concen: 33.153 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214655		
148	64.2	51.8	77.8	
75	25.9	24.2	36.4	





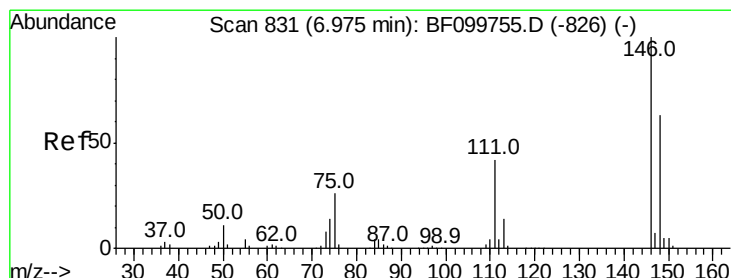
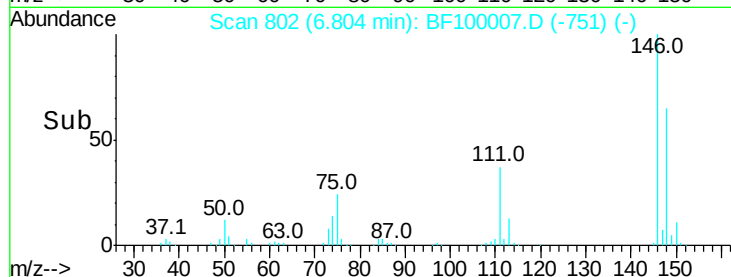
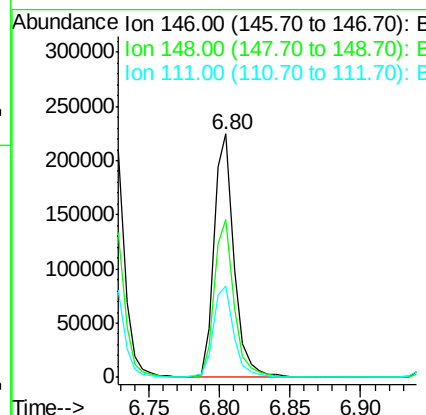
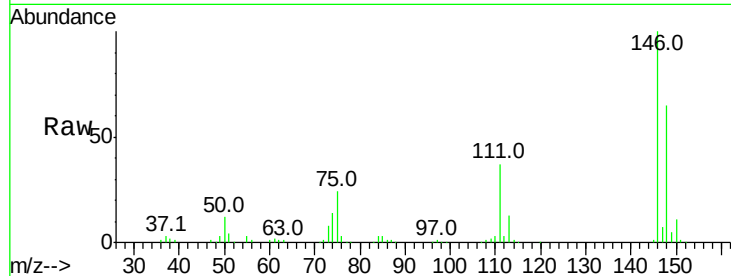
#13
 1,4-Dichlorobenzene
 Concen: 33.536 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	37.5	34.2	51.2

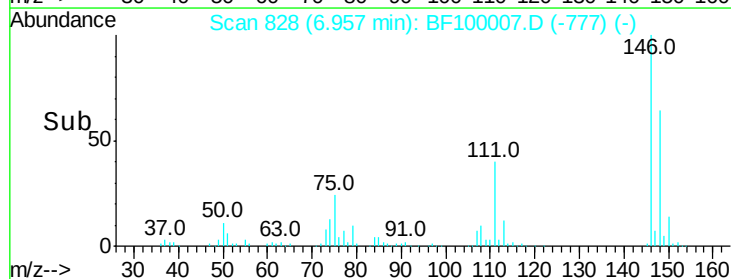
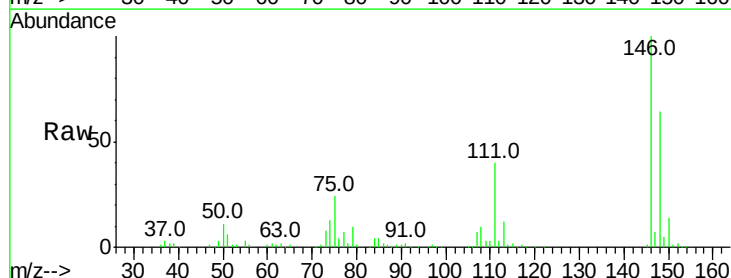
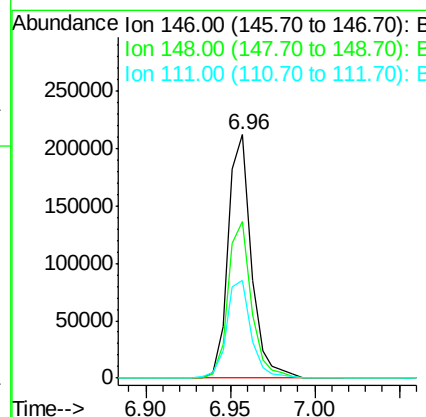
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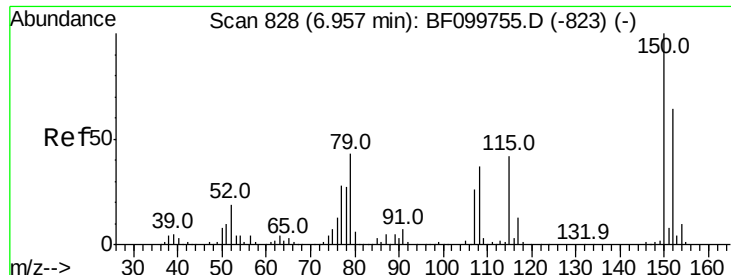
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#14
 1,2-Dichlorobenzene
 Concen: 33.965 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	40.3	36.0	54.0





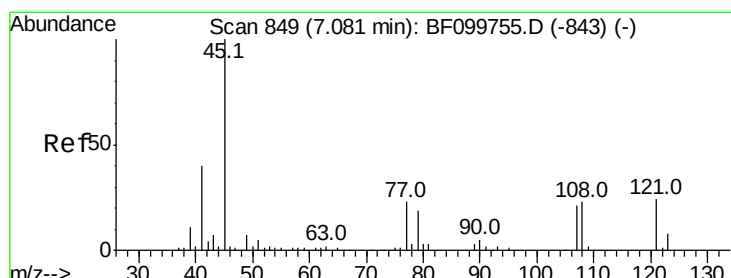
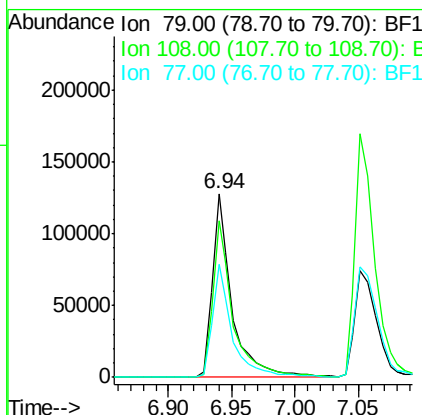
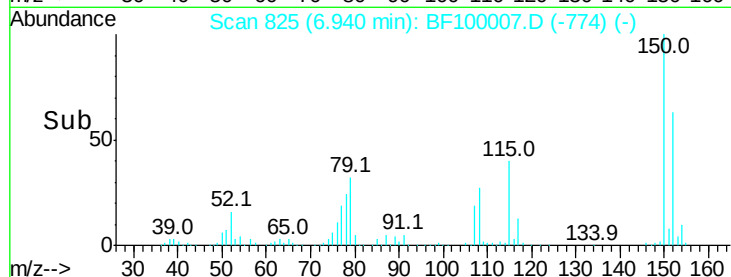
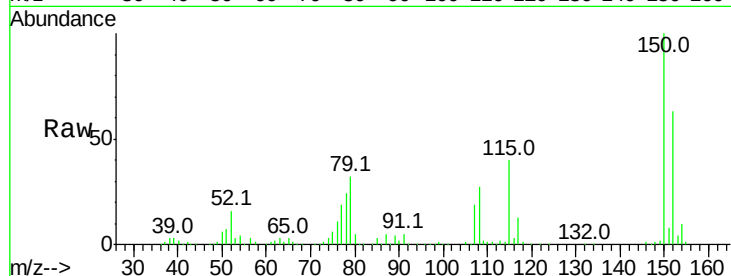
#15
Benzyl Alcohol
Concen: 34.316 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.0	65.1	97.7
77	61.1	50.6	75.8

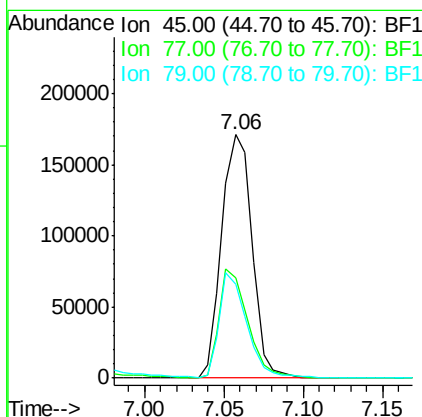
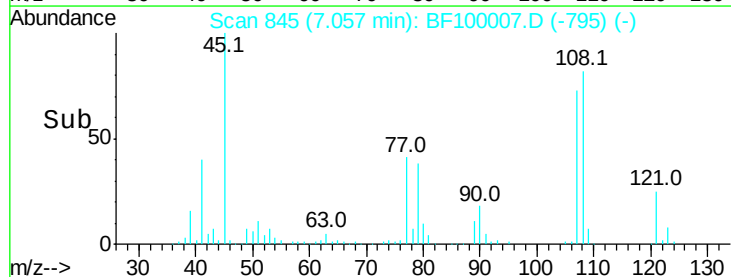
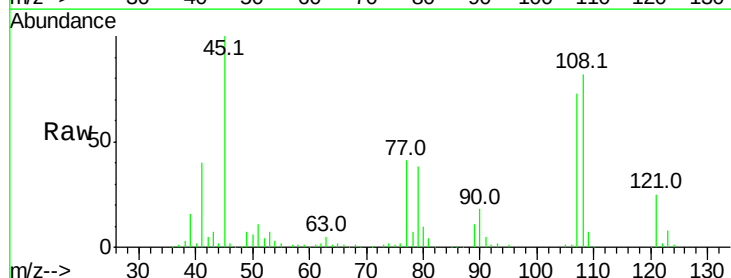
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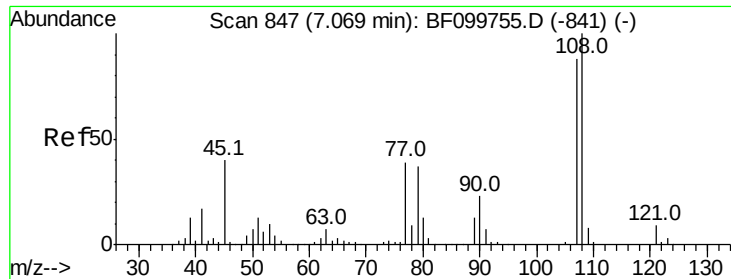
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.878 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.0	0.0	32.9#
79	38.5	0.0	29.6#





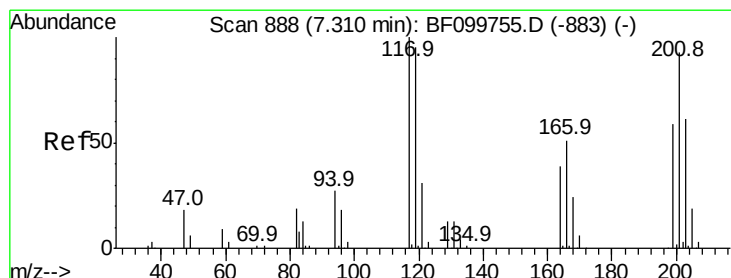
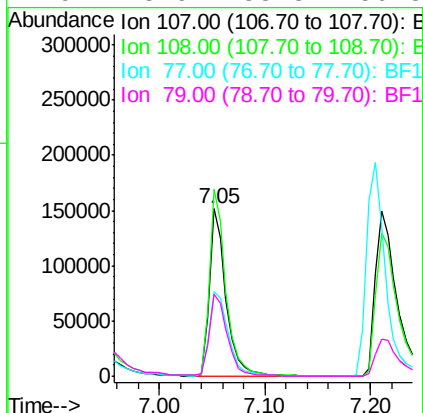
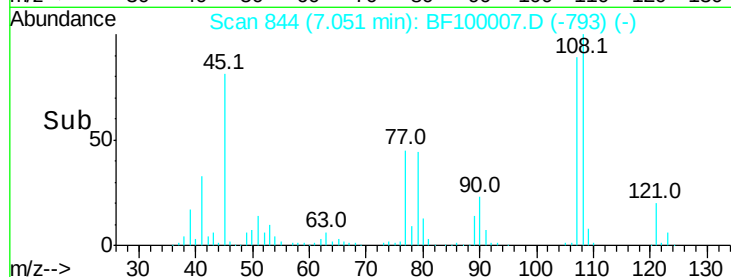
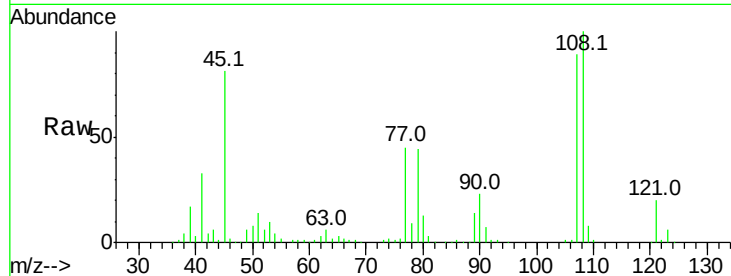
#17
2-Methylphenol
Concen: 34.852 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion:	107	Resp:	168107
Ion Ratio	Lower	Upper	
107	100		
108	112.0	91.7	137.5
77	50.7	33.8	50.8
79	48.9	33.8	50.8

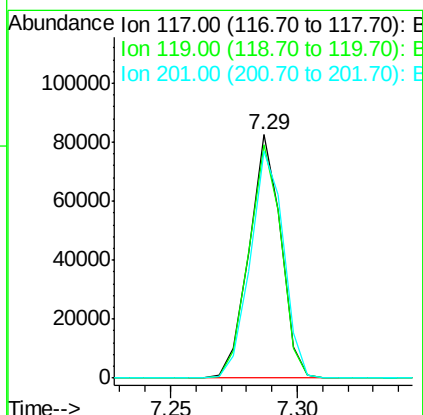
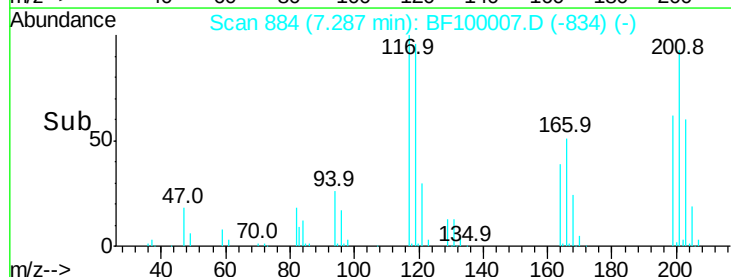
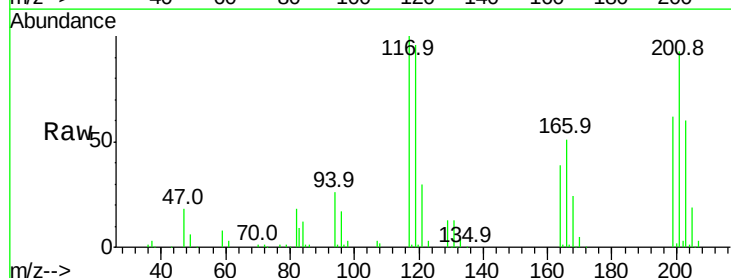
Manual Integrations
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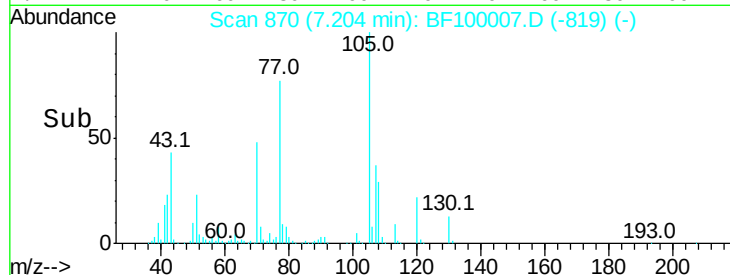
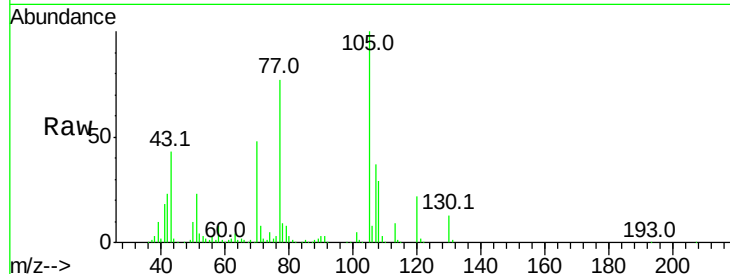
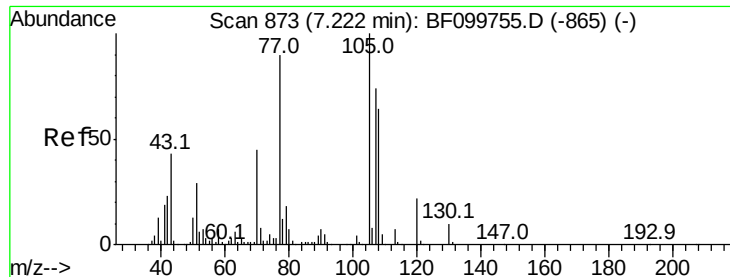
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#18
Hexachloroethane
Concen: 32.859 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:	117	Resp:	72036
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.8	113.8
201	93.4	75.7	113.5





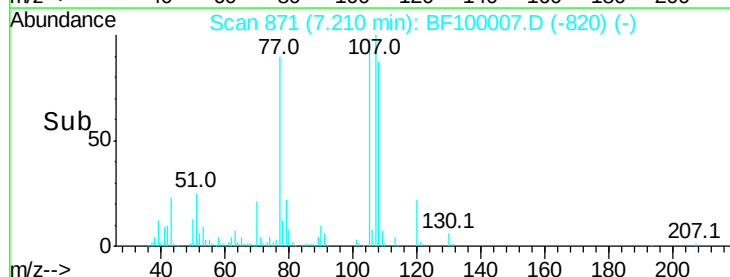
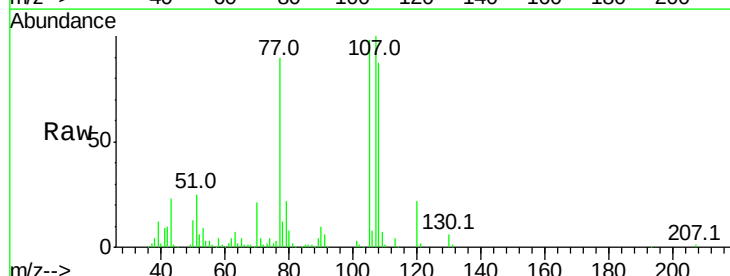
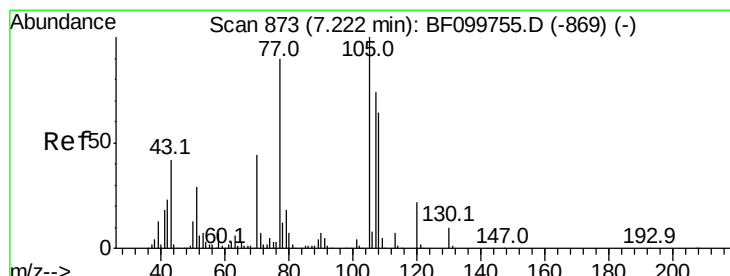
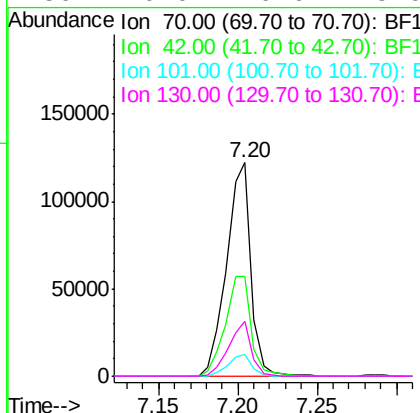
#19
n-Nitroso-di-n-propylamine
Concen: 34.419 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.5	71.3#
101	10.1	7.4	11.2
130	26.0	16.6	25.0#

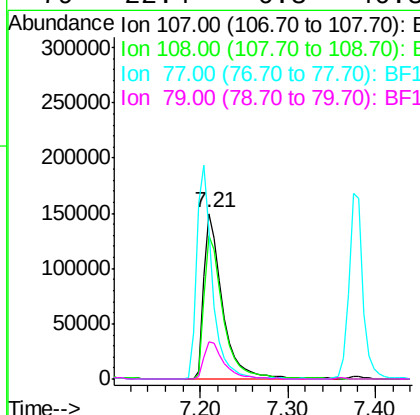
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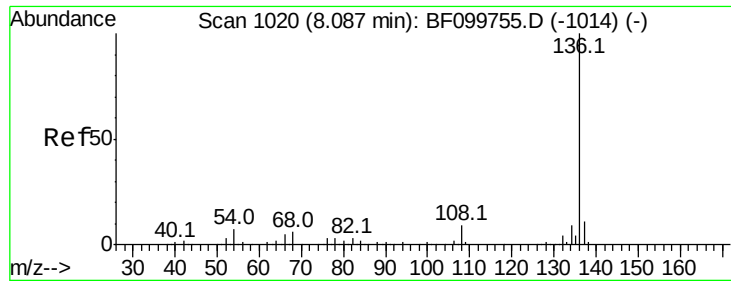
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#20
3+4-Methylphenols
Concen: 39.582 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	89.6	26.7	66.7#
79	22.4	6.3	46.3





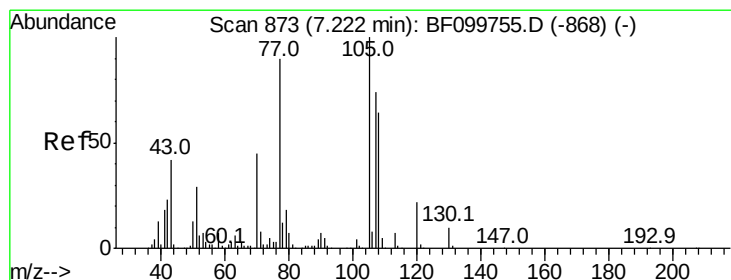
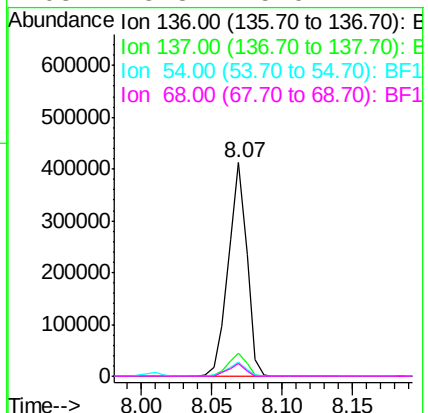
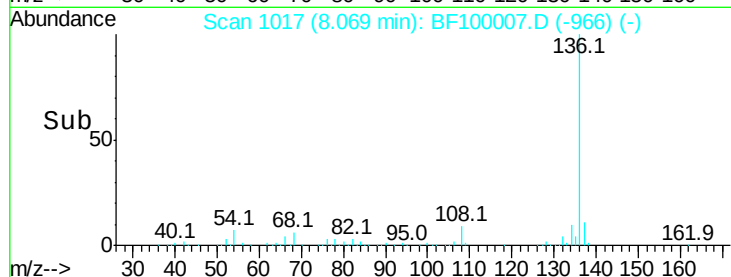
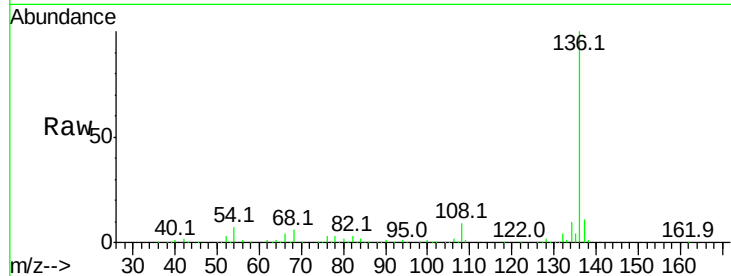
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.6	6.6	9.8	
68	5.8	5.0	7.4	

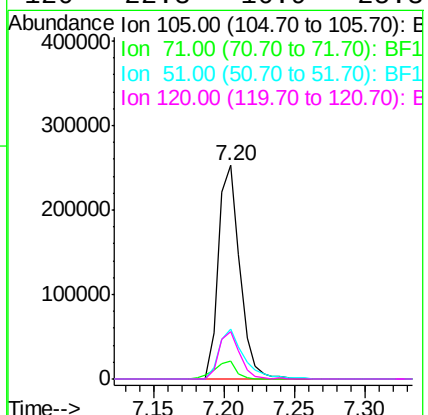
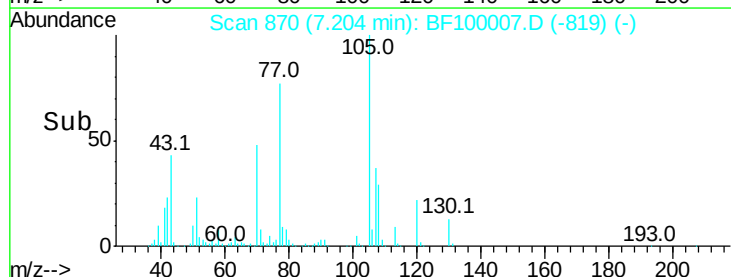
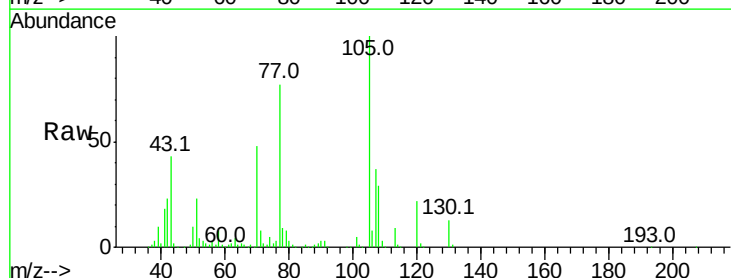
Manual Integrations
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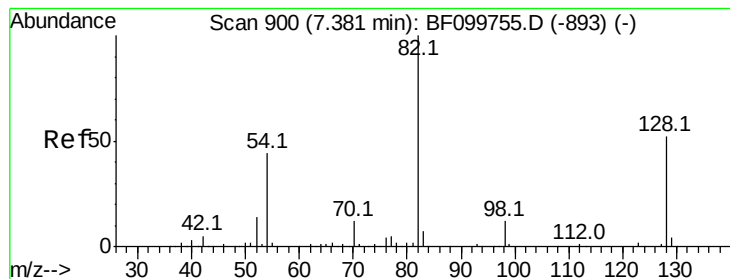
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#22
Acetophenone
Concen: 31.167 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	4.4	6.6#	
51	23.2	22.3	33.5	
120	22.3	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 61.619 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

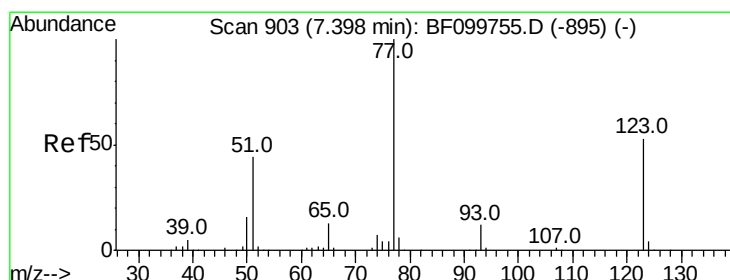
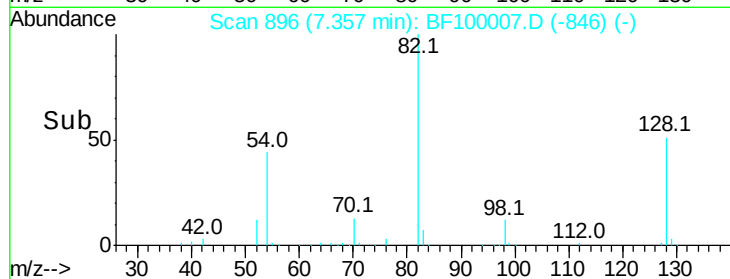
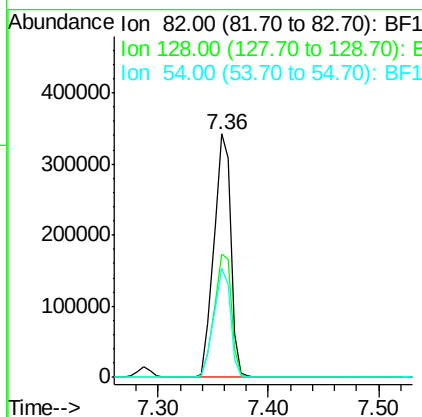
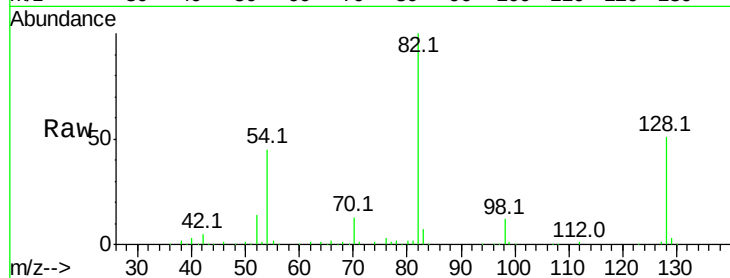
ClientSampleId :

PB103707BSD

Tot Ion:	82	Resp:	359804
Ion Ratio	Lower	Upper	
82	100		
128	50.9	36.1	54.1
54	45.0	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 32.015 ng

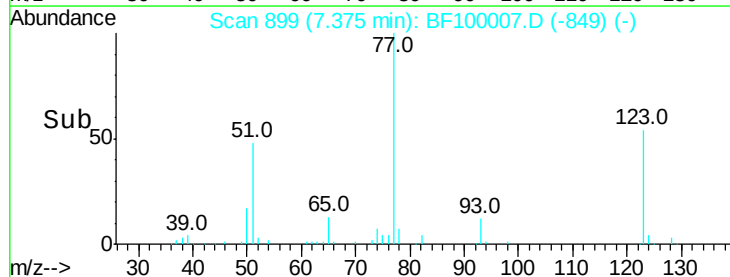
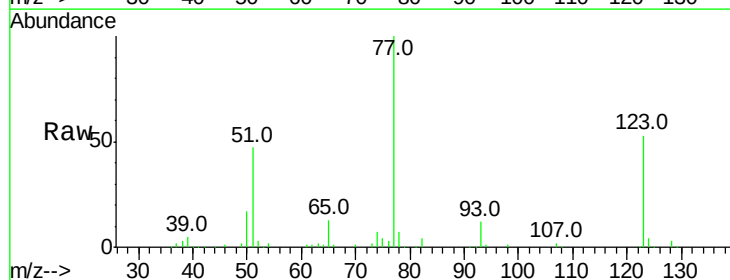
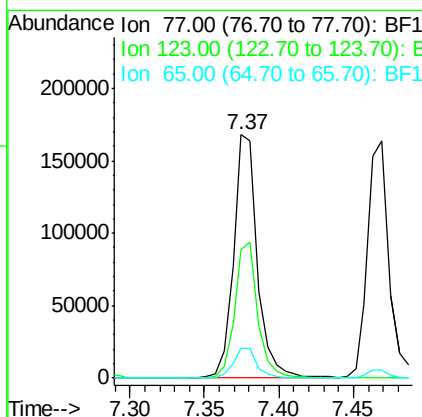
RT: 7.37 min Scan# 899

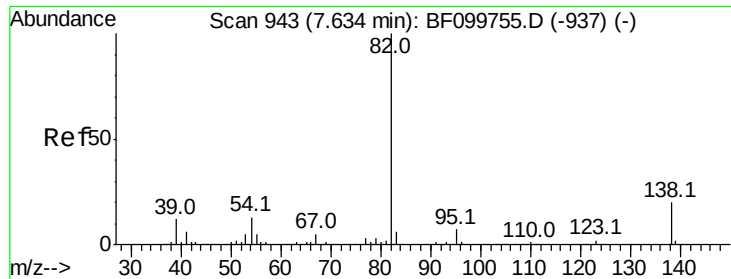
Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	77	Resp:	188361
Ion Ratio	Lower	Upper	
77	100		
123	52.9	37.9	56.9
65	12.5	11.0	16.4





#25

Isophorone

Concen: 34.682 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

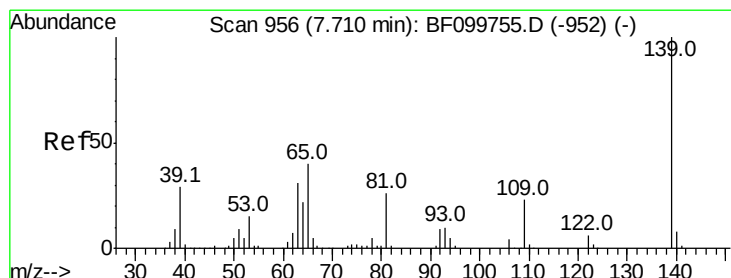
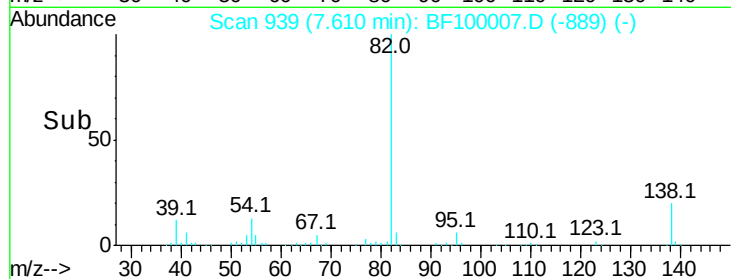
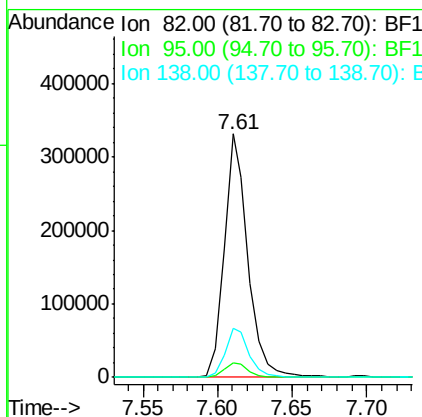
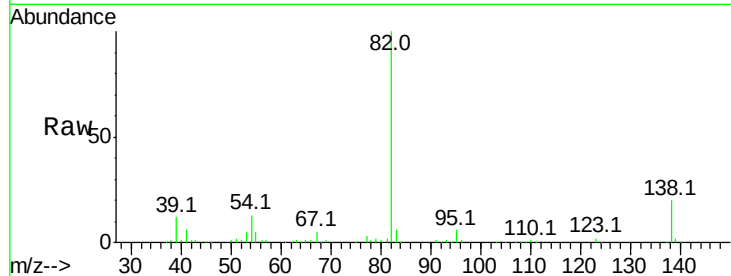
ClientSampleId :

PB103707BSD

Tot Ion:	82	Resp:	367479
Ion Ratio	Lower	Upper	
82	100		
95	6.1	5.2	7.8
138	20.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 33.761 ng

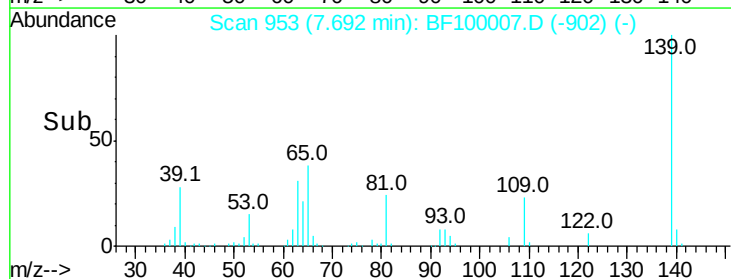
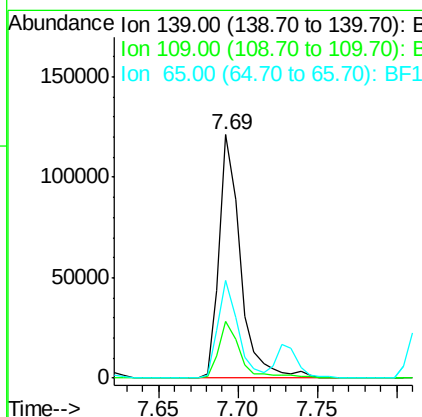
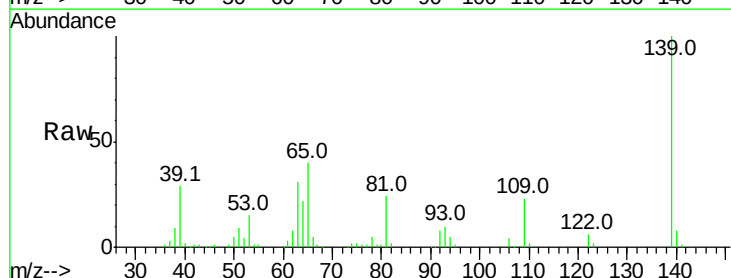
RT: 7.69 min Scan# 953

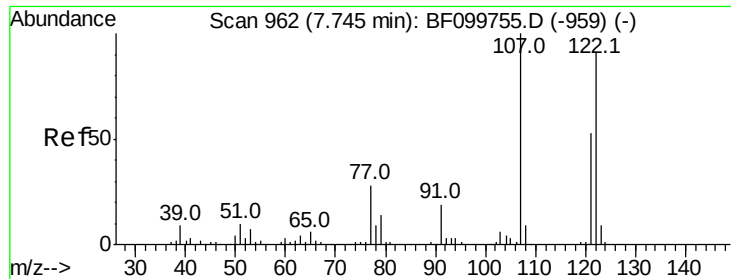
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	139	Resp:	113767
Ion Ratio	Lower	Upper	
139	100		
109	23.2	22.7	34.1
65	40.2	40.5	60.7#





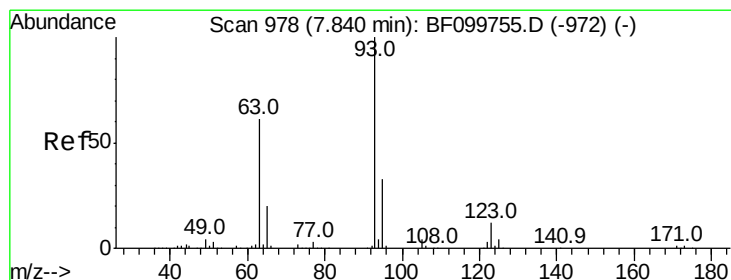
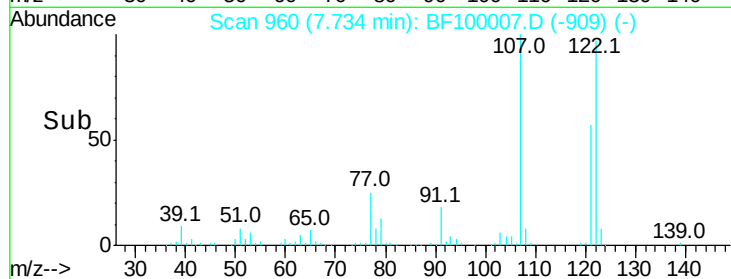
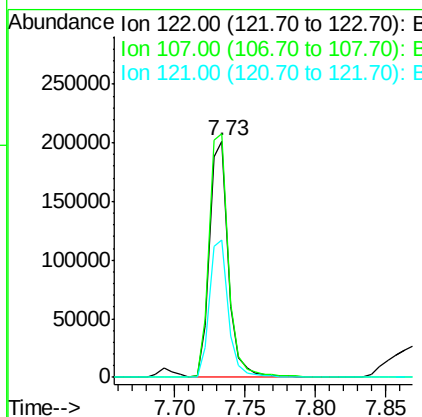
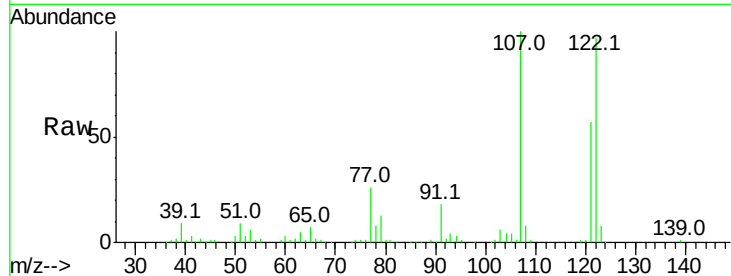
#27
2,4-Dimethylphenol
Concen: 37.847 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	103.2	91.2	136.8
121	58.5	47.2	70.8

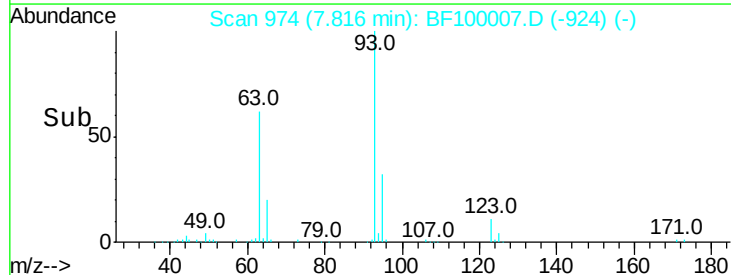
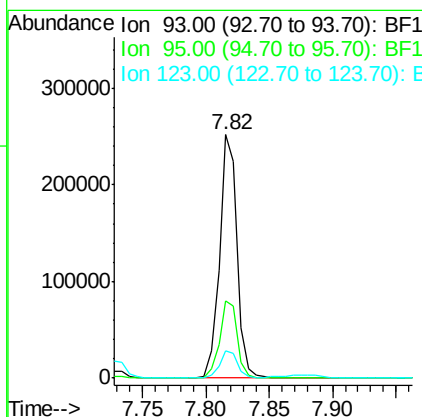
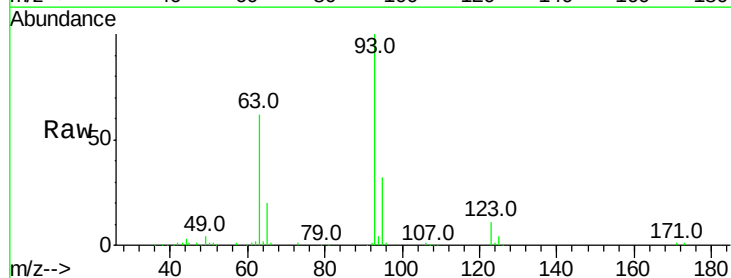
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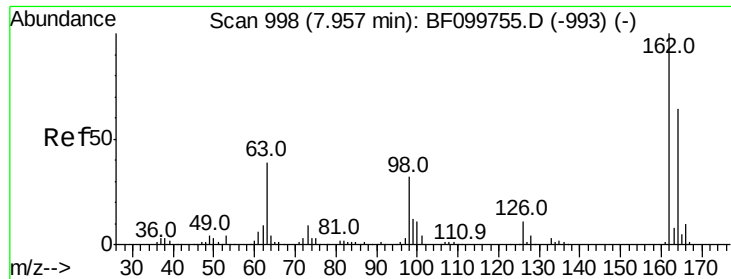
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 32.832 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.3	39.5
123	11.1	9.8	14.6





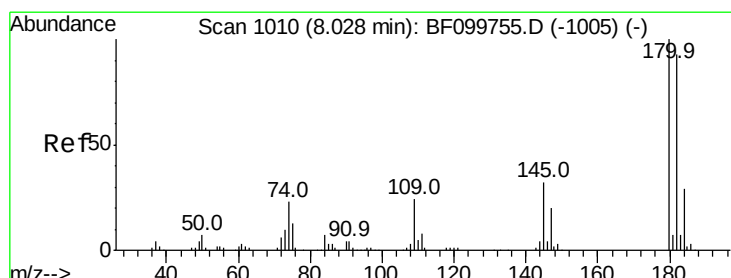
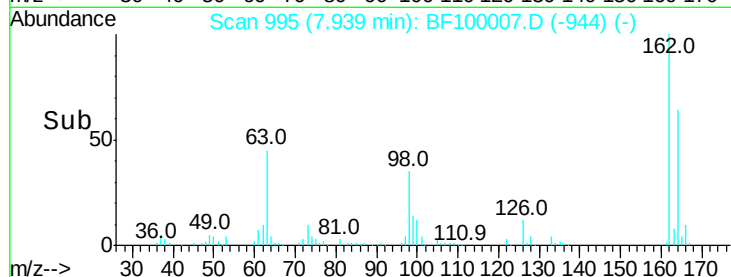
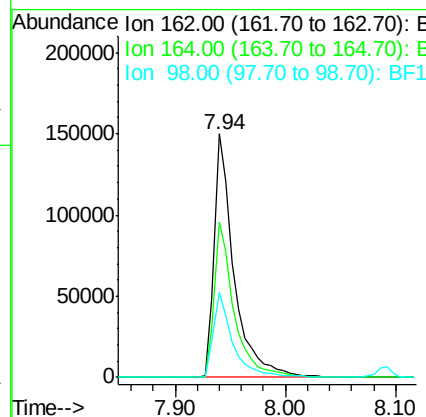
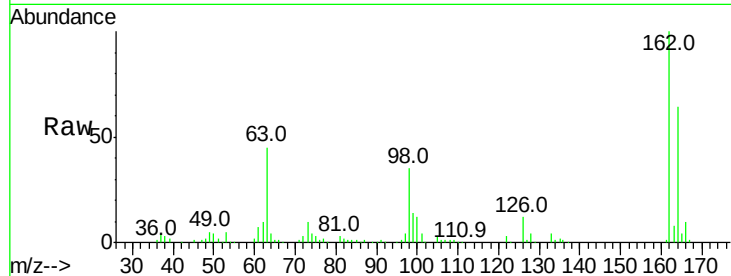
#29
 2,4-Dichlorophenol
 Concen: 35.494 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	42.7	82.7
98	35.1	18.1	58.1

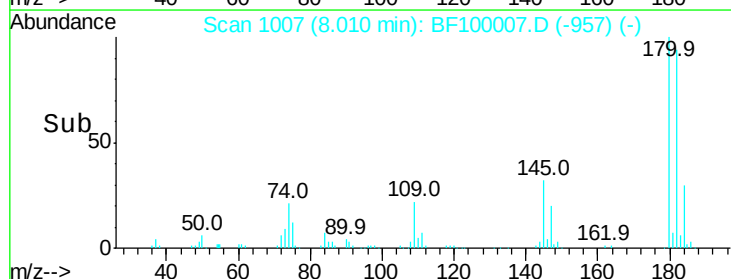
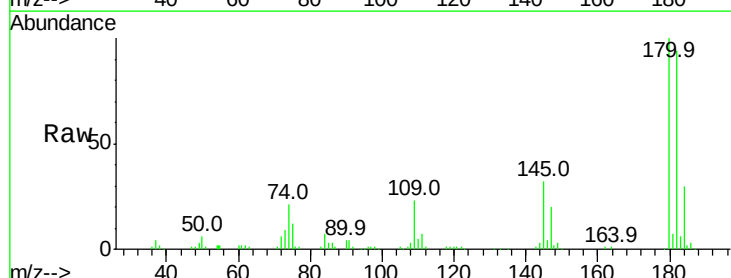
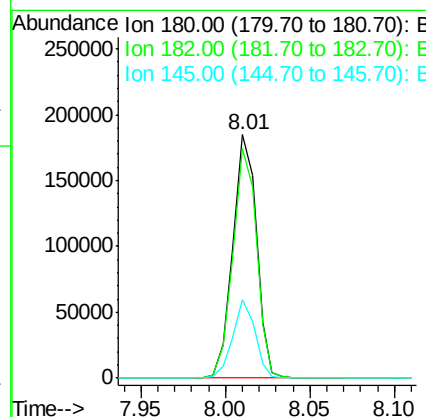
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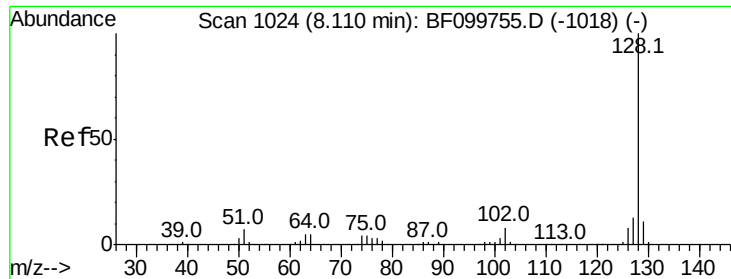
Sohil
 11/1/2017 2:37:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.673 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	76.8	115.2
145	32.1	26.5	39.7





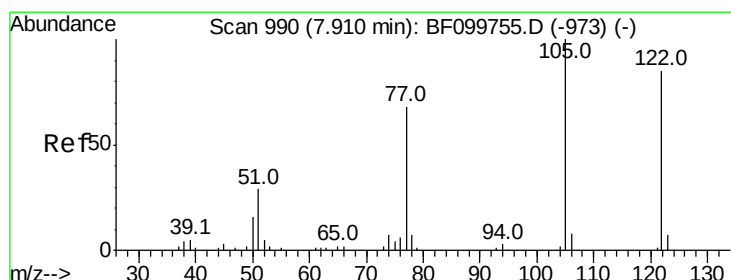
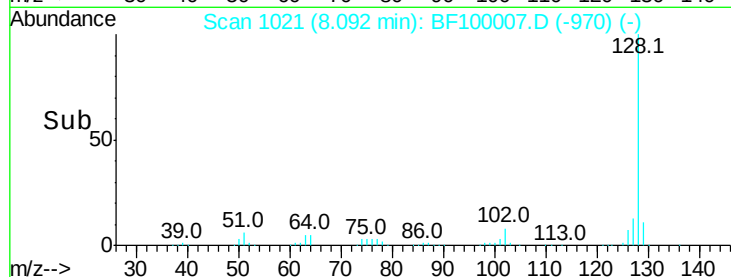
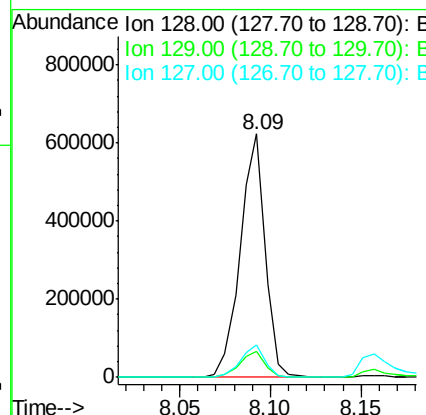
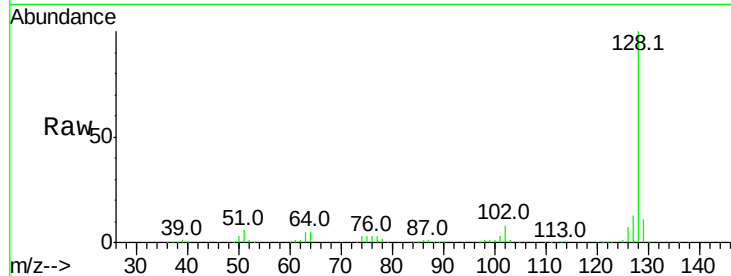
#31
Naphthalene
Concen: 32.671 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3

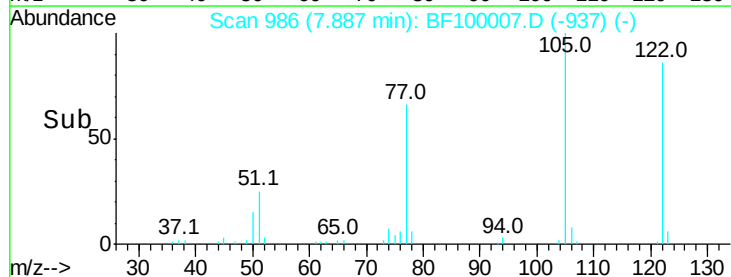
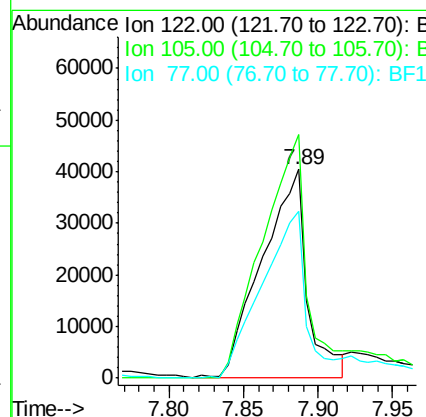
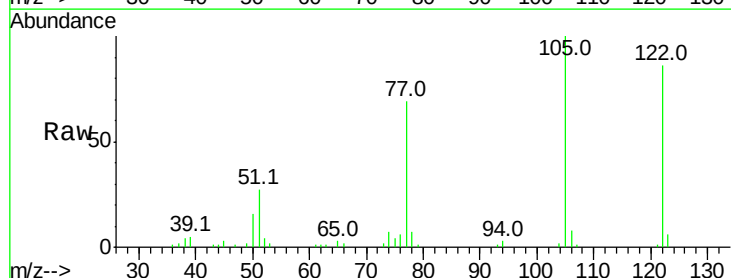
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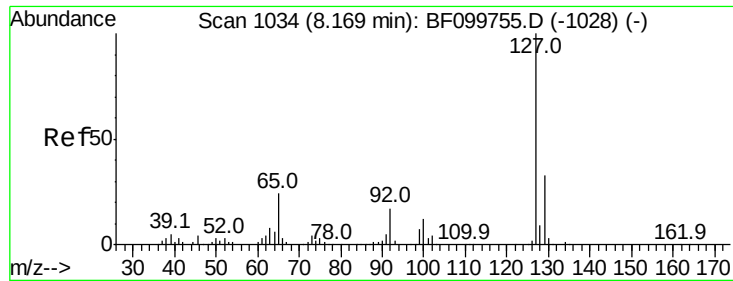
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#32
Benzoic acid
Concen: 19.597 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	116.6	101.1	141.1
77	80.0	70.7	110.7





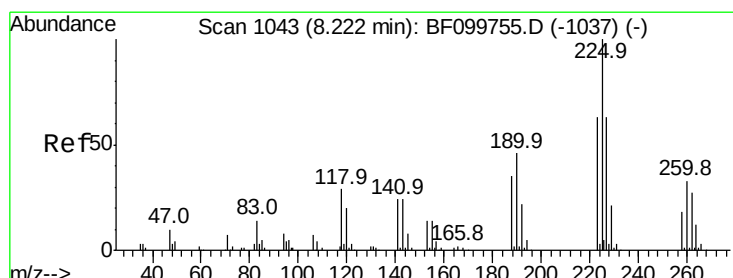
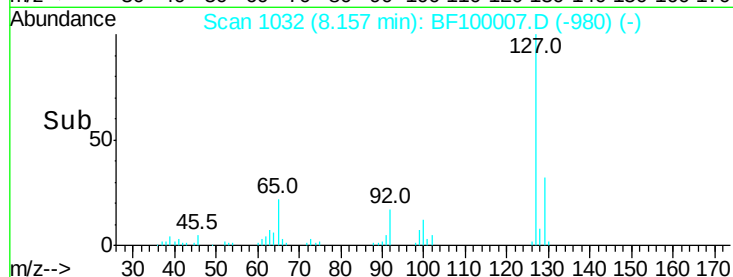
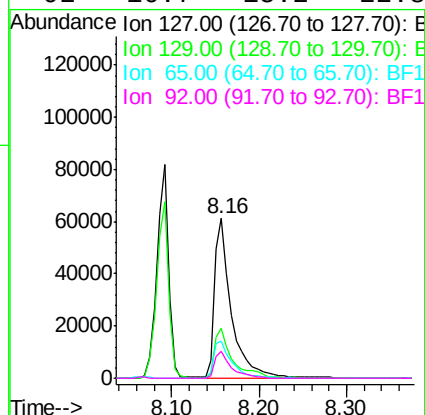
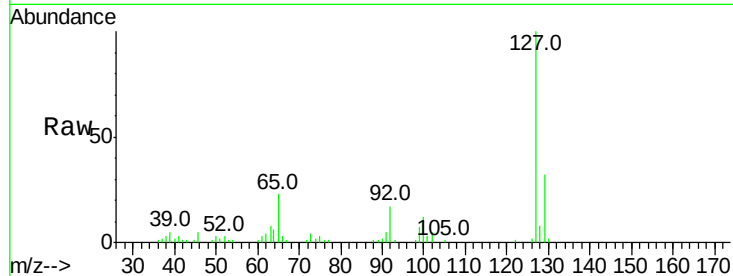
#33
4-Chloroaniline
Concen: 11.035 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	23.1	25.0	37.4
92	16.7	15.2	22.8

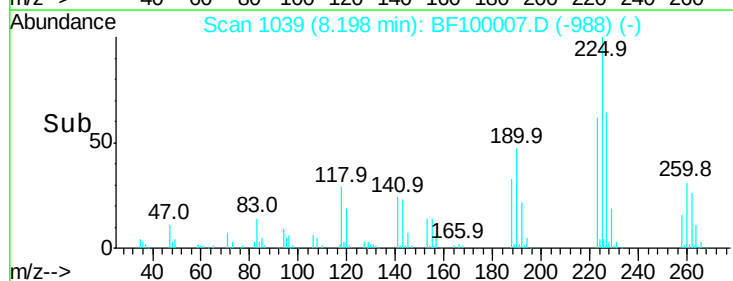
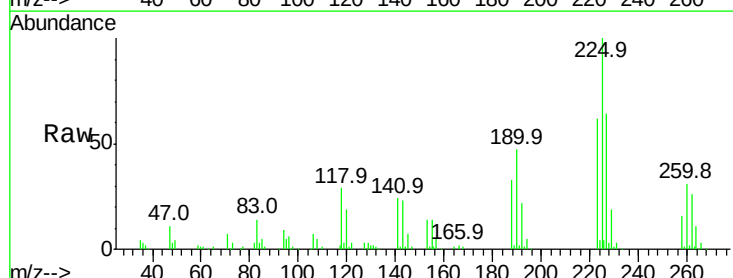
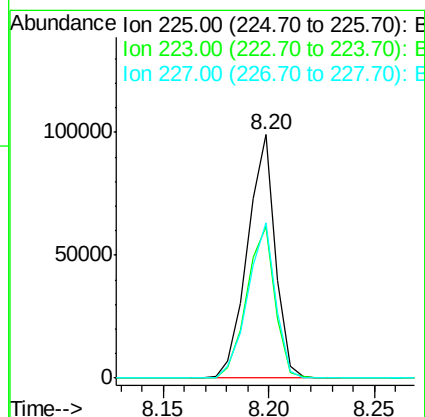
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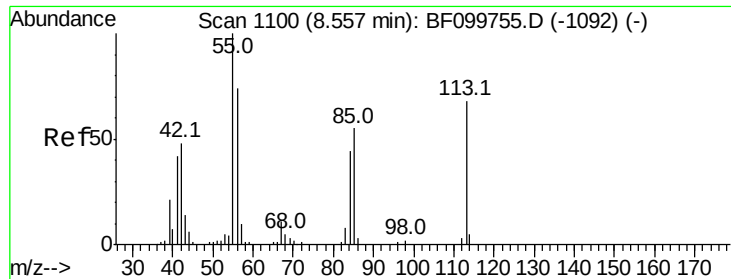
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#34
Hexachlorobutadiene
Concen: 31.792 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.0	51.9	77.9





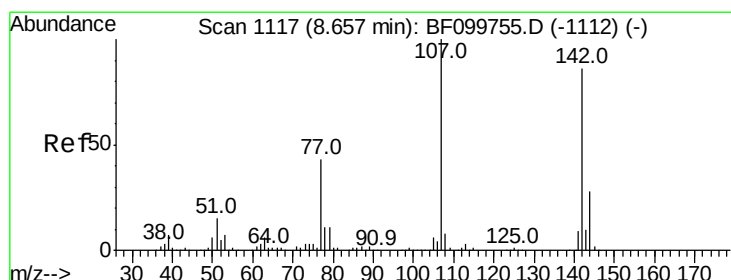
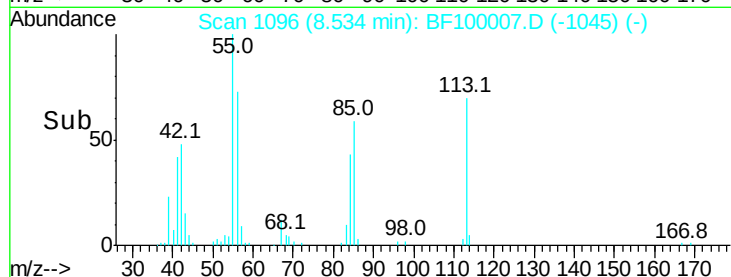
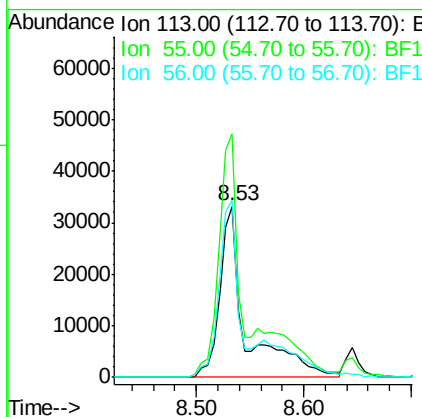
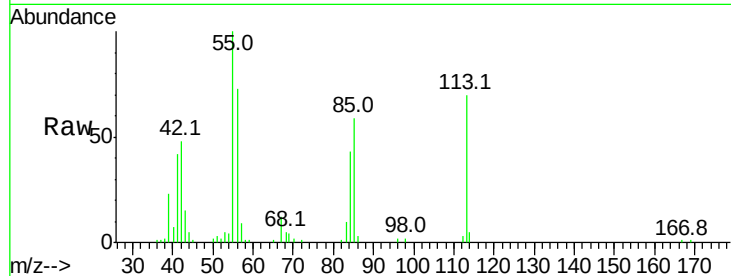
#35
 Caprolactam
 Concen: 35.337 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion:113 Resp: 57317
 Ion Ratio Lower Upper
 113 100
 55 142.5 163.3 203.3#
 56 103.5 115.7 155.7#

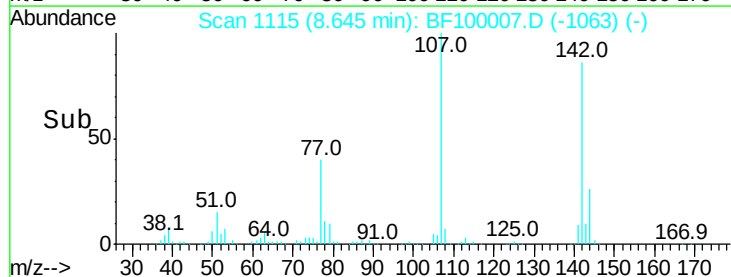
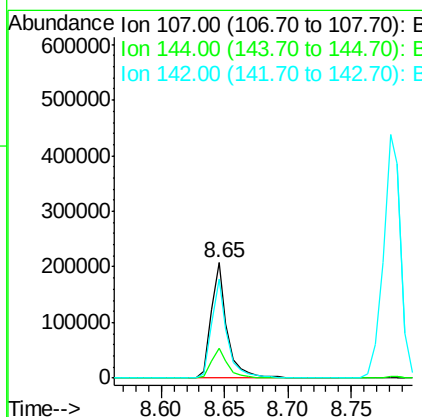
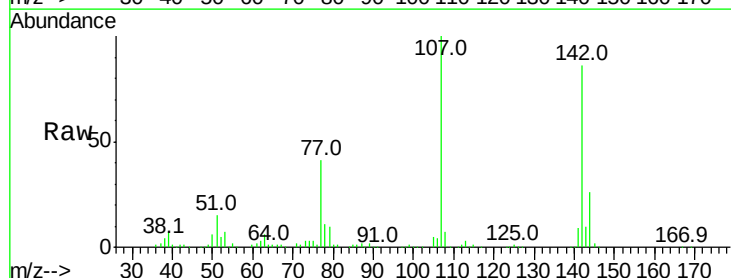
Manual Integrations
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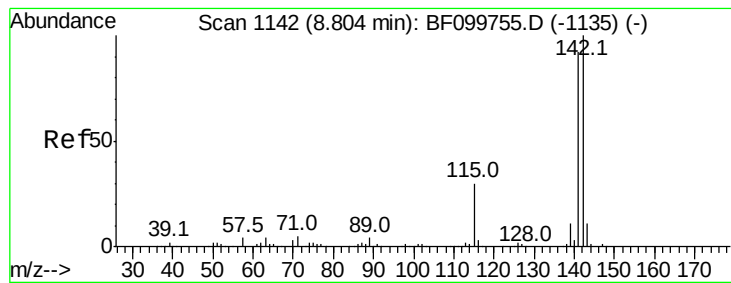
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#36
 4-Chloro-3-methylphenol
 Concen: 34.796 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion:107 Resp: 183182
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 85.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 34.781 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

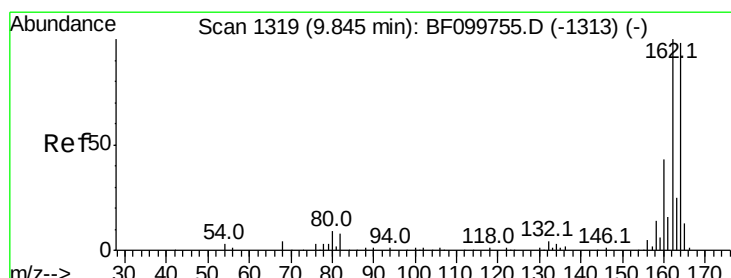
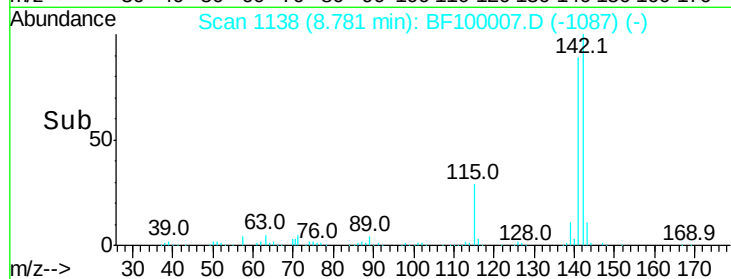
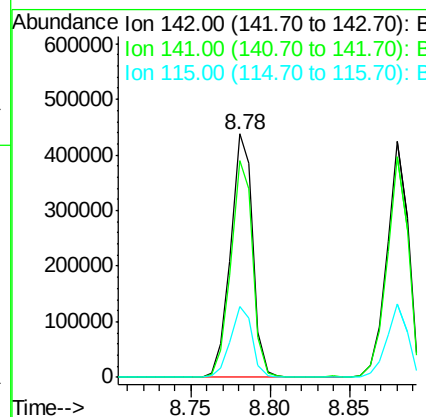
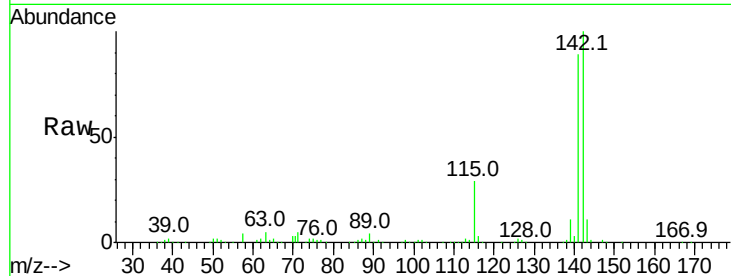
ClientSampleId :

PB103707BSD

Tot Ion:	142	Resp:	422959
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.8	106.2
115	29.1	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

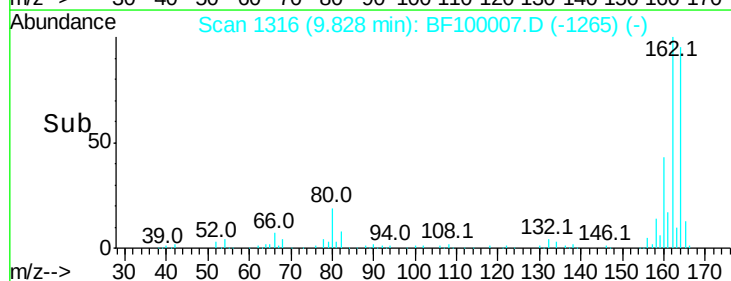
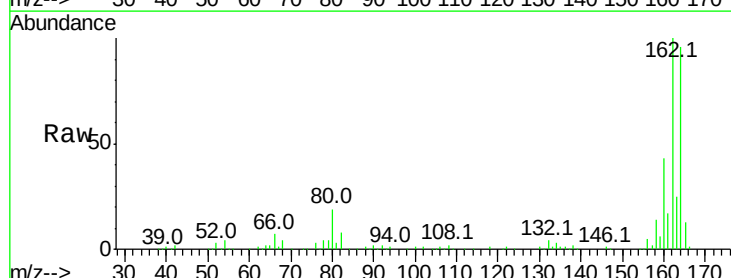
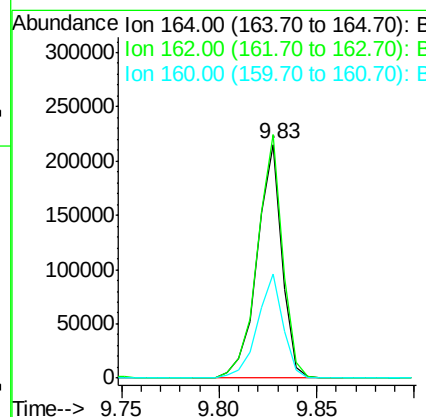
RT: 9.83 min Scan# 1316

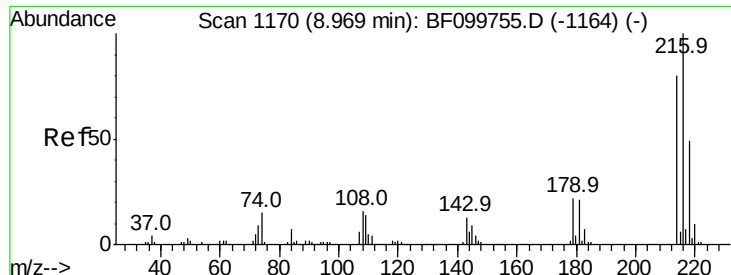
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	164	Resp:	189748
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	44.6	38.3	57.5





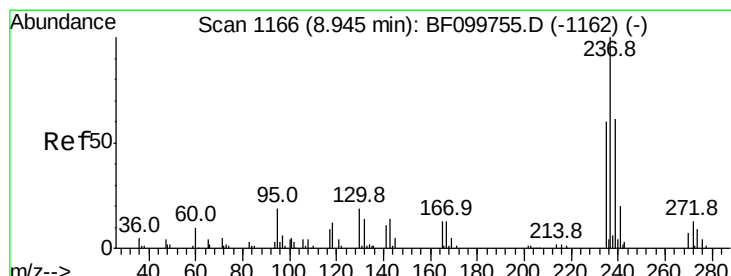
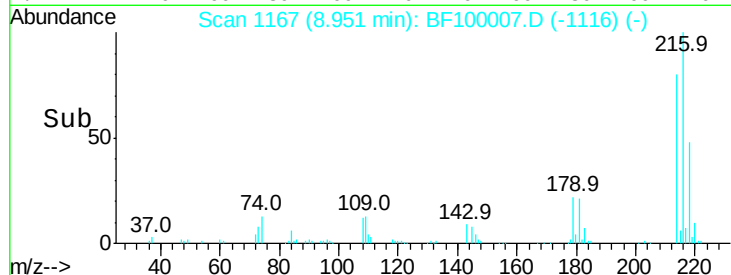
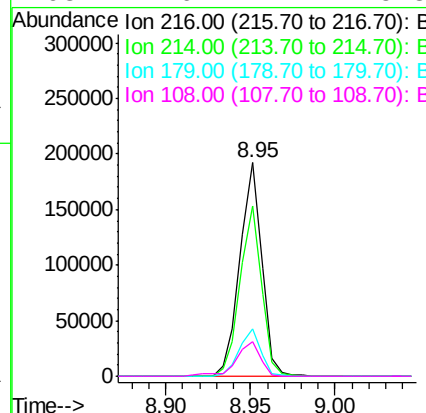
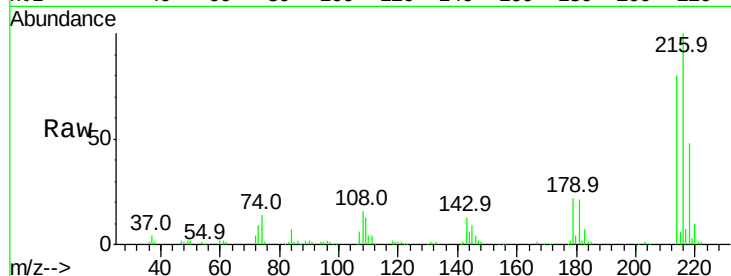
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.344 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	173703		
214	78.5	63.0	94.4	
179	21.8	18.1	27.1	
108	17.6	17.2	25.8	

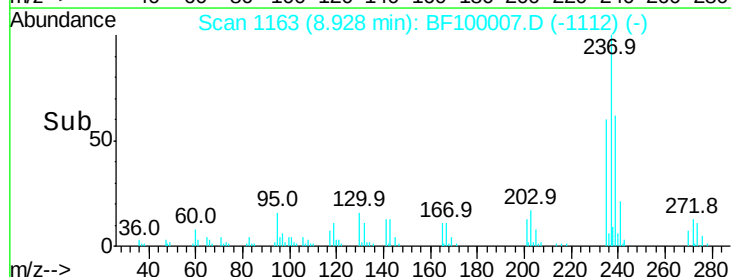
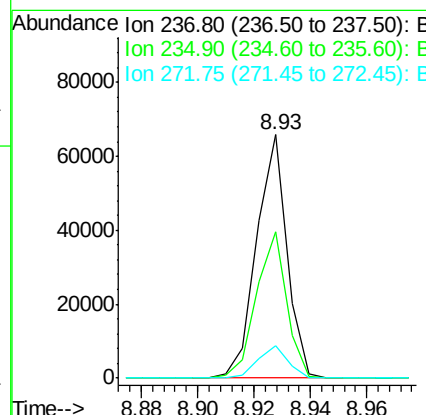
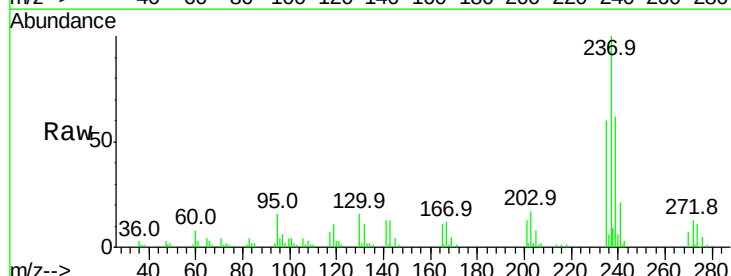
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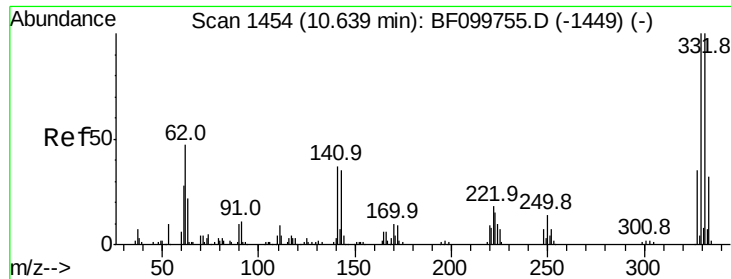
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#40
 Hexachlorocyclopentadiene
 Concen: 47.528 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	49097		
235	60.2	44.8	84.8	
272	13.2	0.0	33.3	





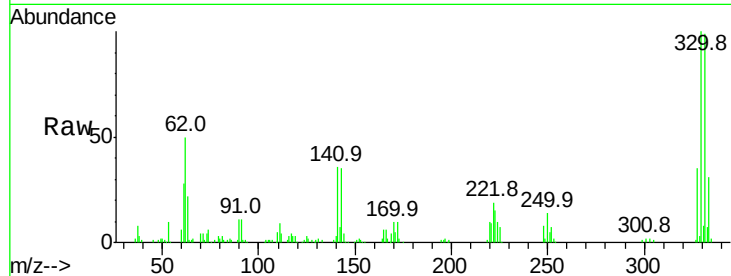
#41
 2,4,6-Tribromophenol
 Concen: 65.578 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

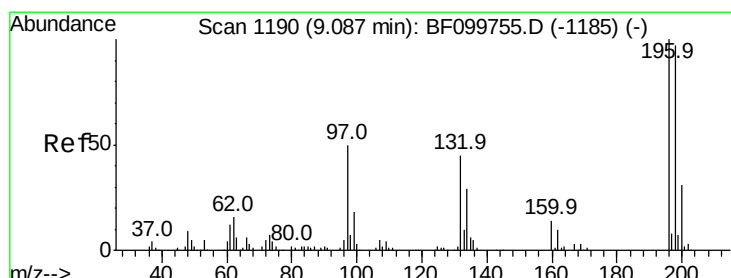
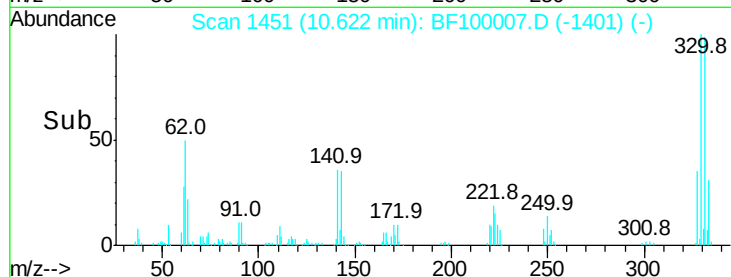
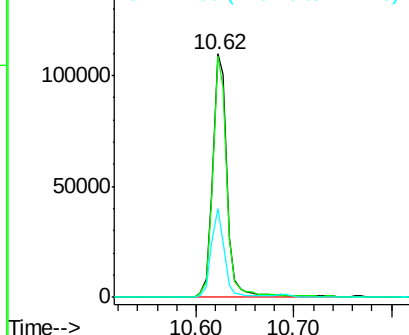
Tot Ion	Ratio	Resp	Lower	Upper
330	100	113397		
332	96.1	77.0	115.6	
141	33.3	29.9	44.9	

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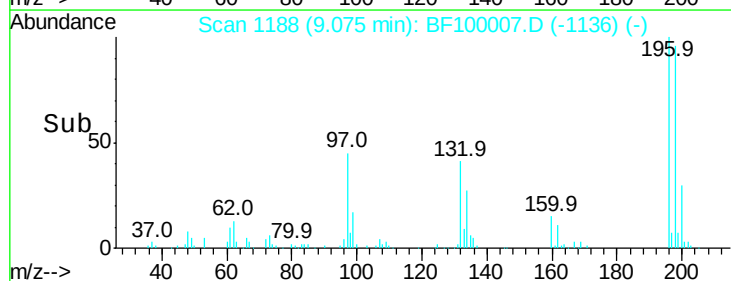
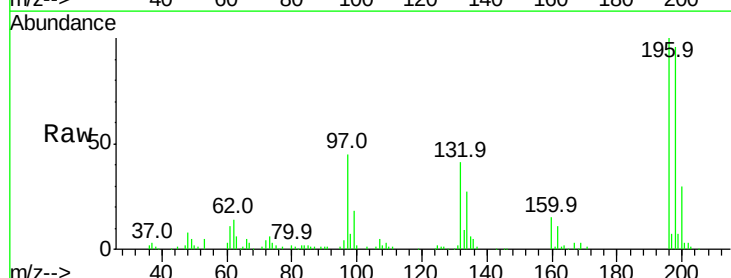
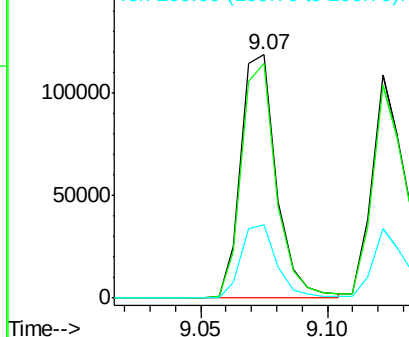
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

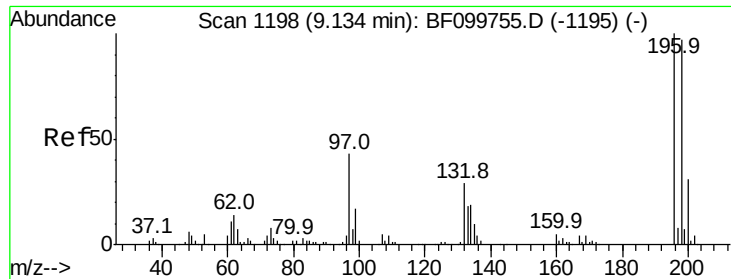


#42
 2,4,6-Trichlorophenol
 Concen: 31.343 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116186		
198	96.3	75.7	113.5	
200	29.9	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





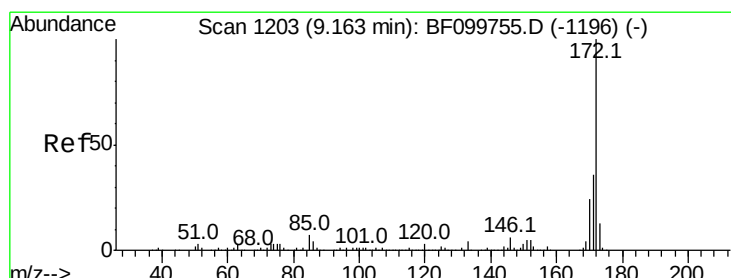
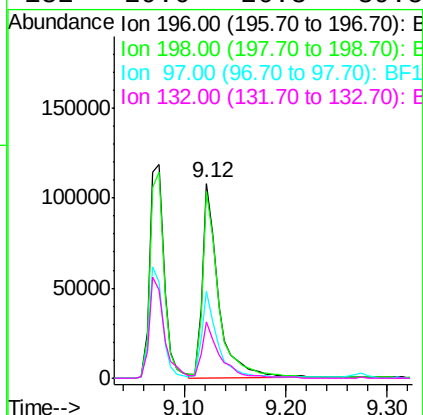
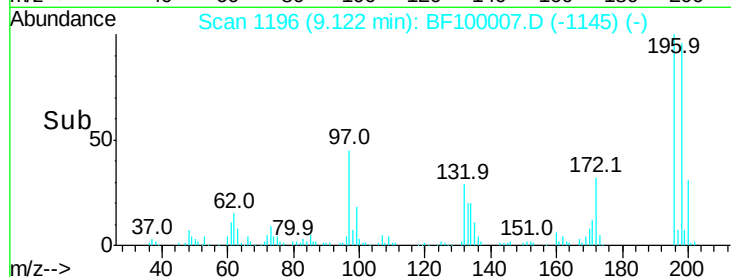
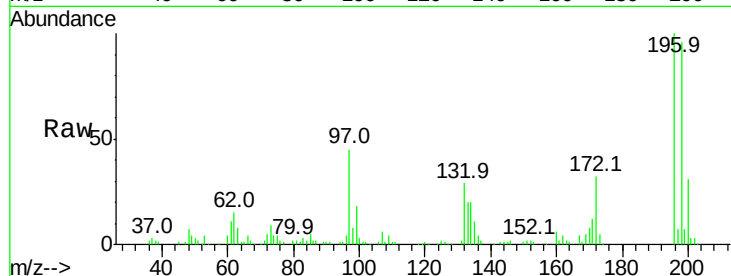
#43
 2,4,5-Trichlorophenol
 Concen: 30.361 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119434		
198	95.6	74.6	112.0	
97	44.6	42.9	64.3	
132	29.0	26.3	39.5	

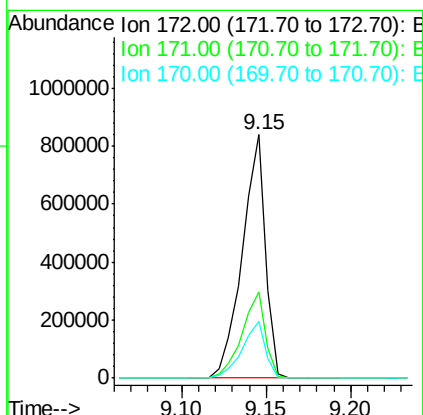
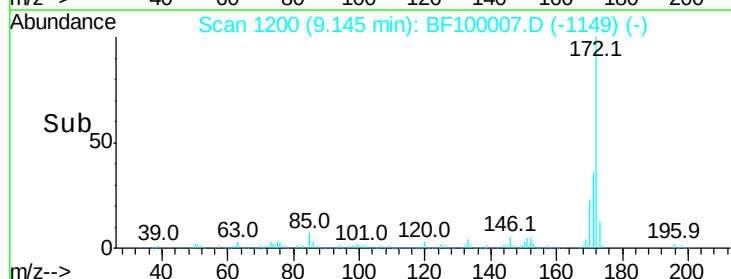
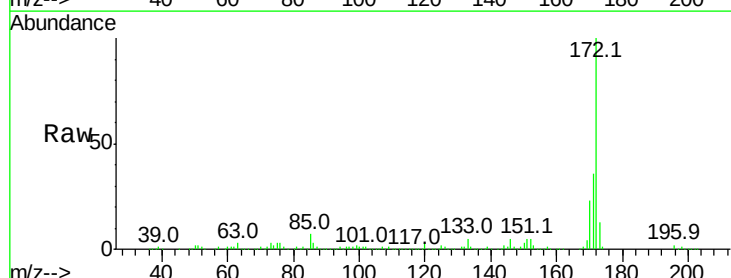
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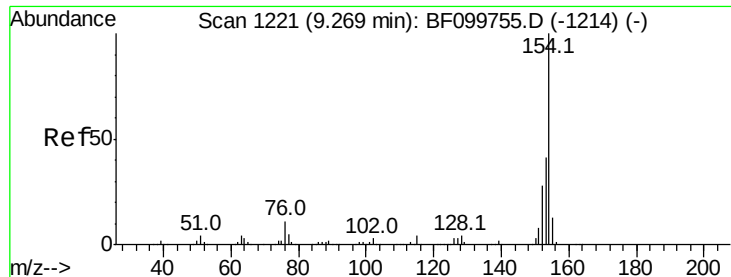
Sohil
 11/1/2017 2:37:44 PM



#44
 2-Fluorobiphenyl
 Concen: 65.434 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	804749		
171	35.6	29.7	44.5	
170	23.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 29.378 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

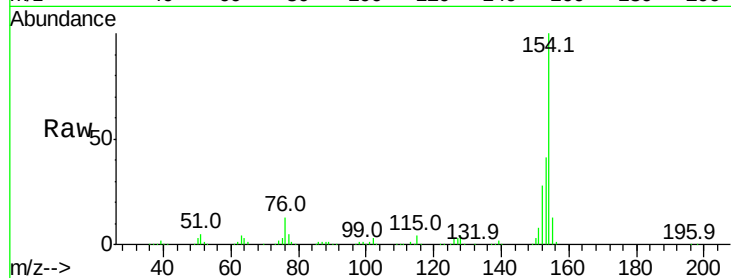
ClientSampleId :

PB103707BSD

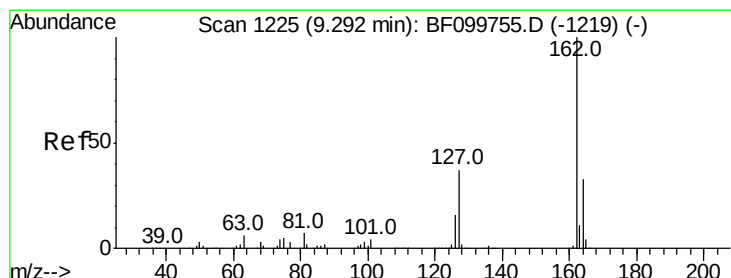
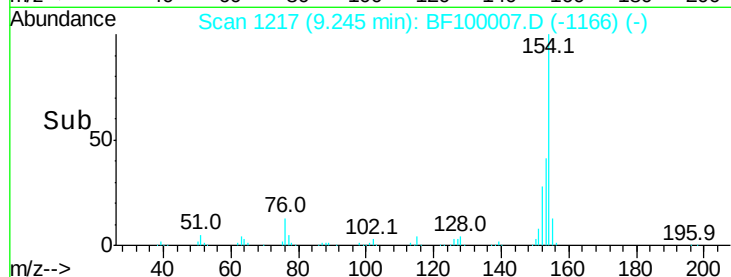
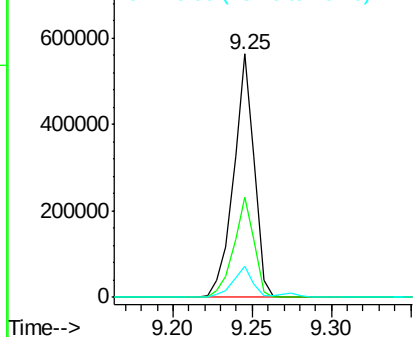
Tot Ion:	154	Resp:	504296
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	12.6	0.0	34.0

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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: 31.647 ng

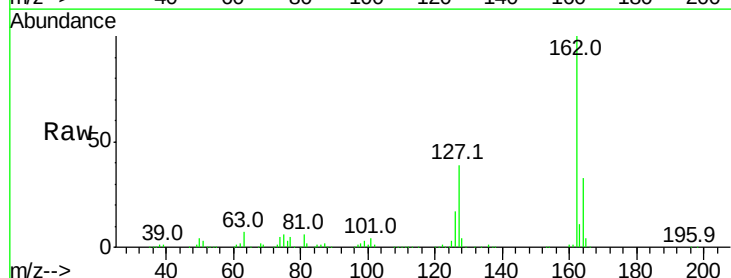
RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

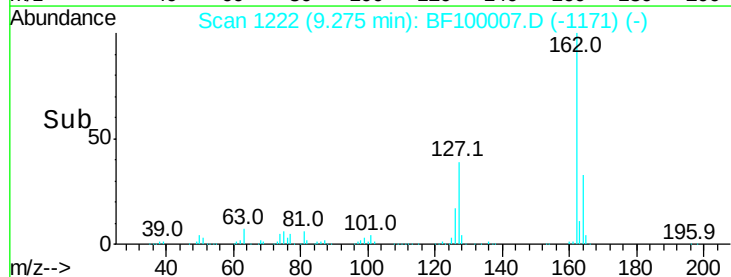
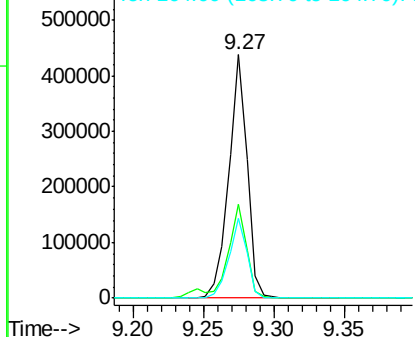
Lab File: BF100007.D

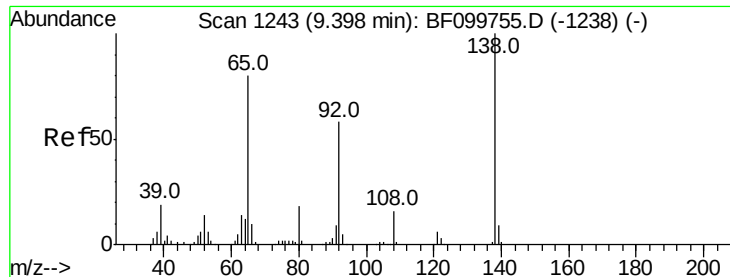
Acq: 31 Oct 2017 17:07

Tgt Ion:	162	Resp:	394512
Ion Ratio	Lower	Upper	
162	100		
127	38.7	33.9	50.9
164	32.7	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: 31.703 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

ClientSampleId :

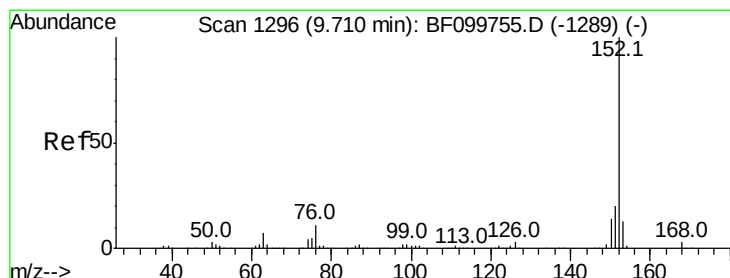
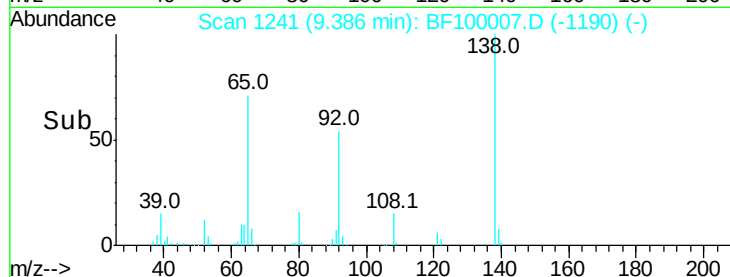
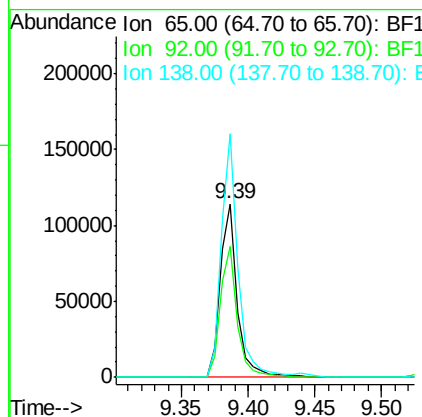
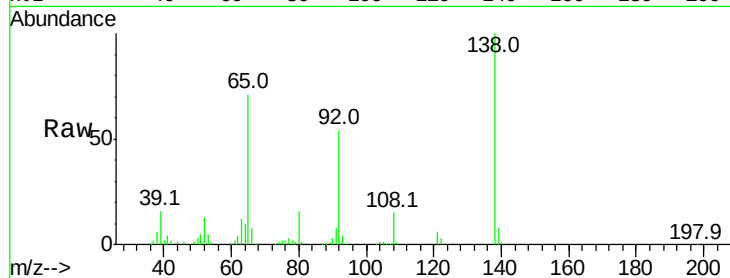
PB103707BSD

Tot Ion: 65 Resp: 103727
Ion Ratio Lower Upper

65	100		
92	75.2	55.8	83.6
138	140.1	91.2	136.8#

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#48

Acenaphthylene

Concen: 30.629 ng

RT: 9.69 min Scan# 1293

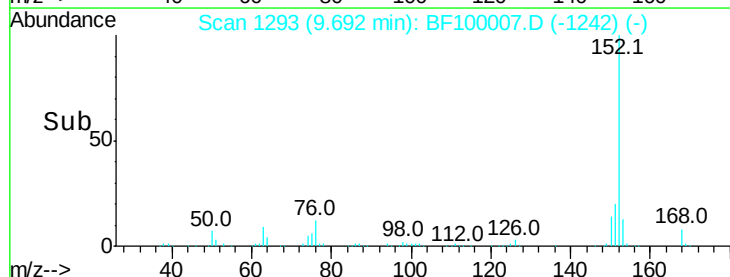
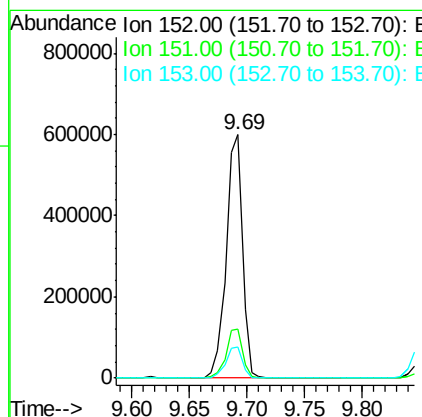
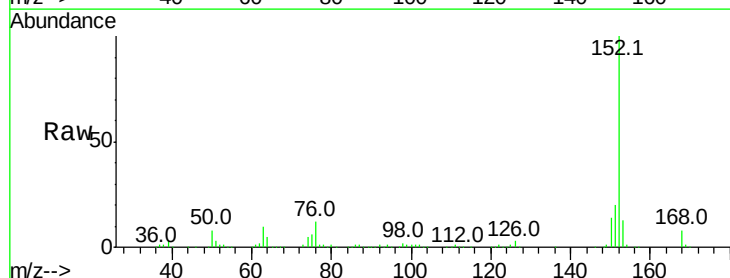
Delta R.T. 0.00 min

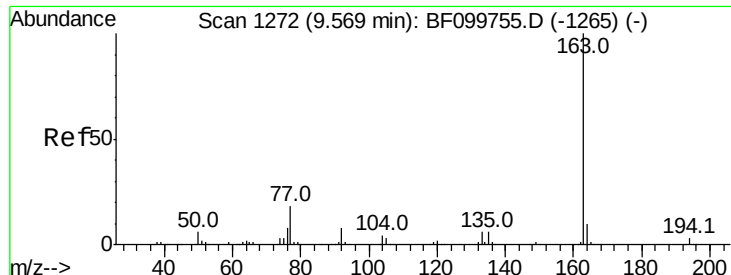
Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion: 152 Resp: 588096
Ion Ratio Lower Upper

152	100		
151	19.9	16.3	24.5
153	12.9	10.7	16.1





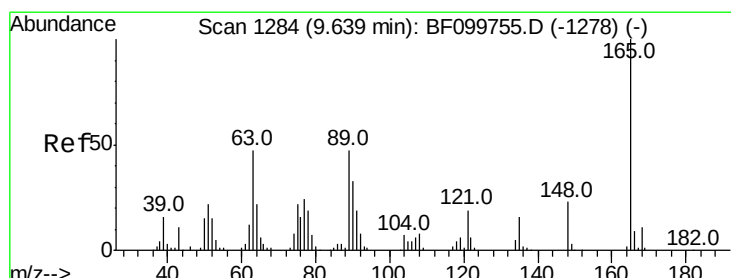
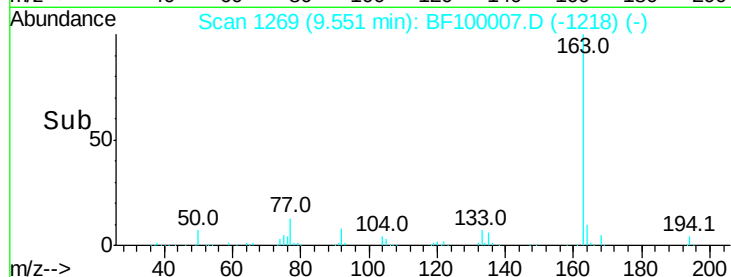
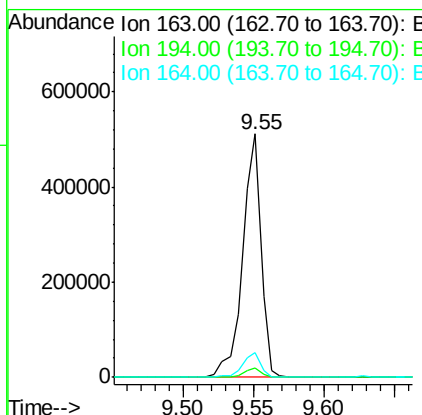
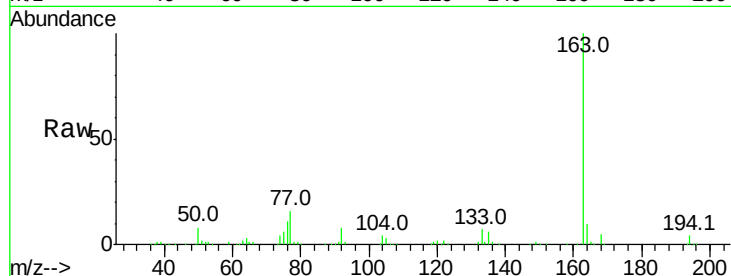
#49
Dimethylphthalate
Concen: 30.975 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	465448		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

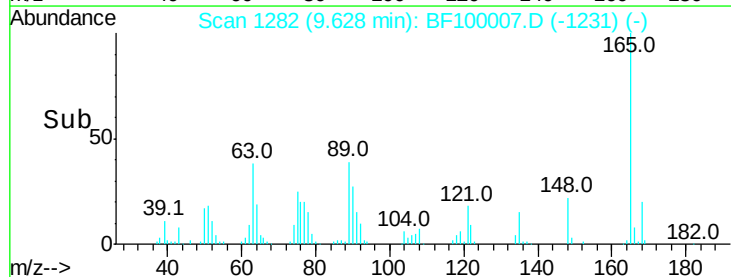
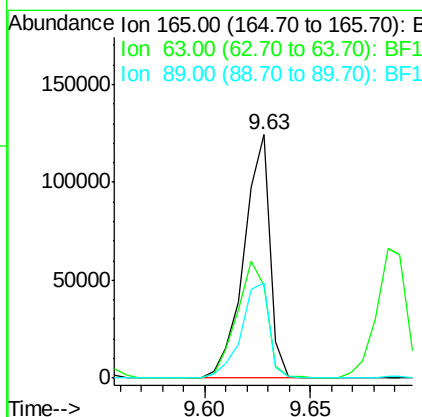
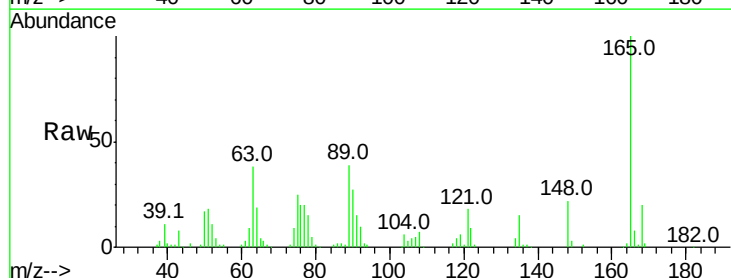
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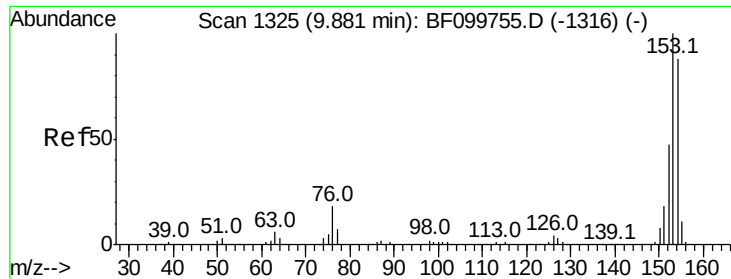
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#50
2,6-Dinitrotoluene
Concen: 33.607 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106163		
63	38.0		44.7	67.1#
89	39.3		44.0	66.0#





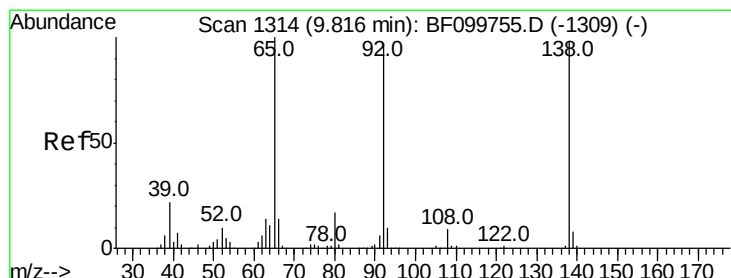
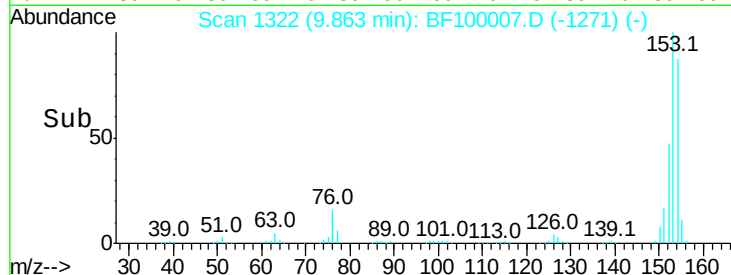
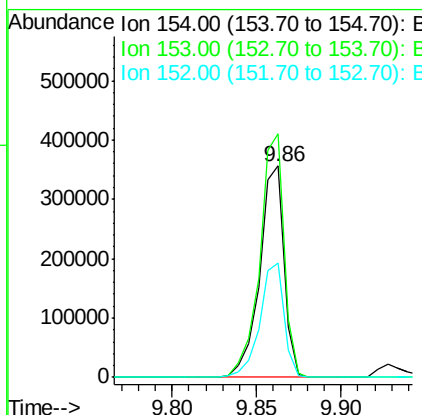
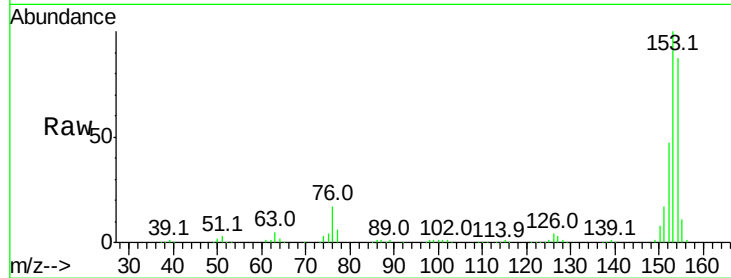
#51
Acenaphthene
Concen: 30.460 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	54.1	43.8	65.8

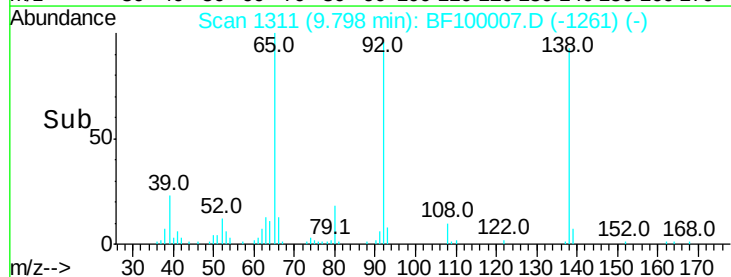
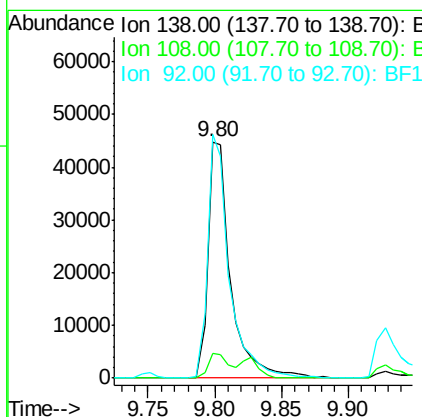
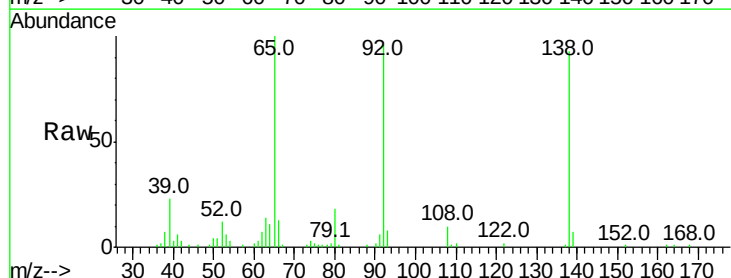
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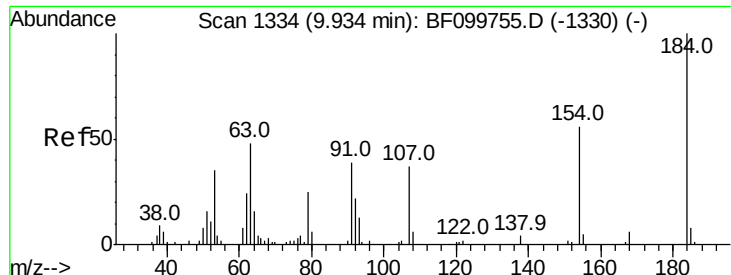
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#52
3-Nitroaniline
Concen: 14.286 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	103.0	89.4	134.2





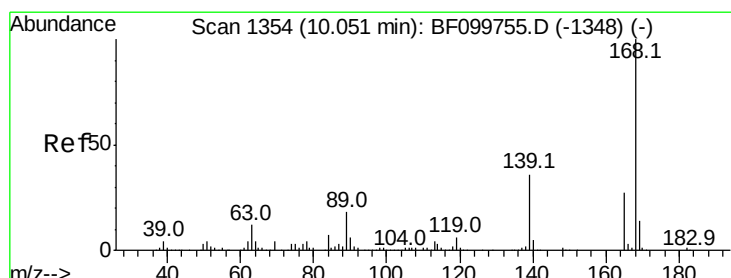
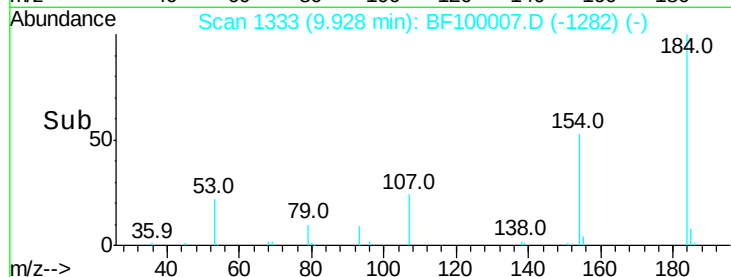
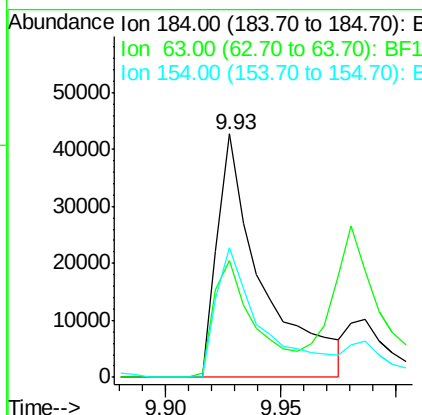
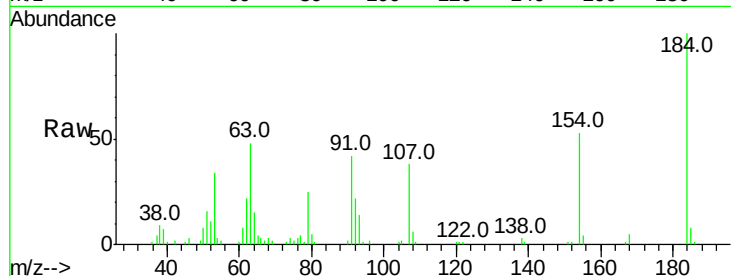
#53
 2,4-Dinitrophenol
 Concen: 48.713 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.8	54.2	81.2#	
154	53.1	53.5	80.3#	

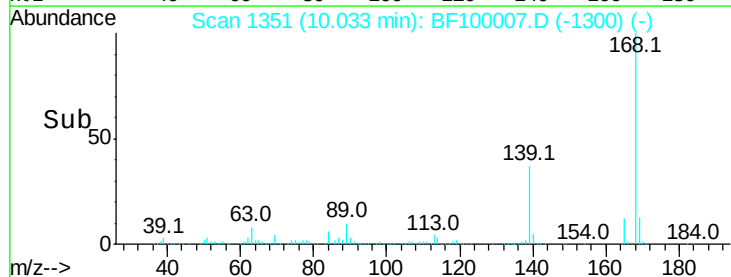
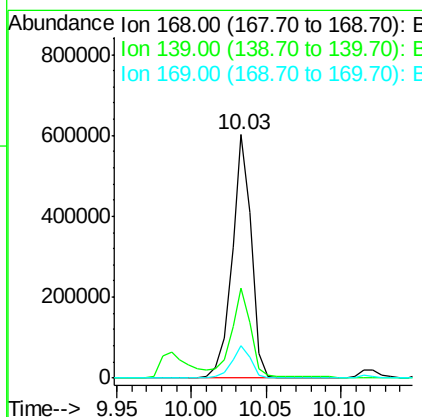
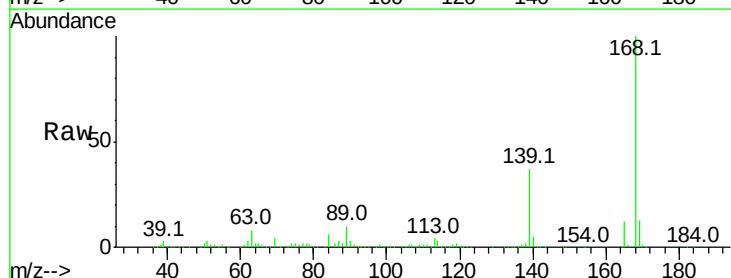
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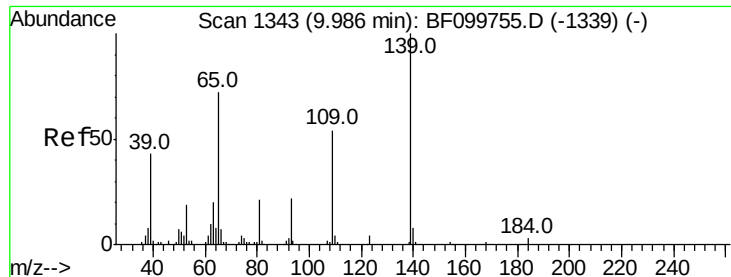
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#54
 Dibenzofuran
 Concen: 32.713 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.0	30.1	45.1	
169	13.1	10.9	16.3	





#55

4-Nitrophenol

Concen: 44.392 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

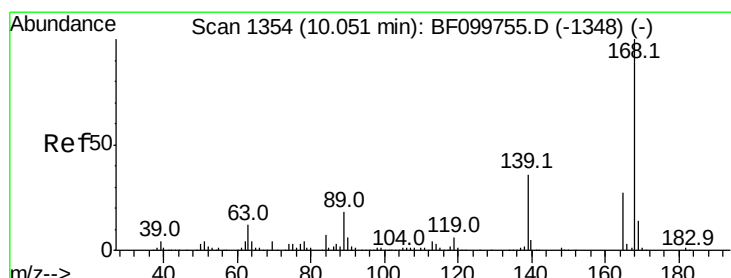
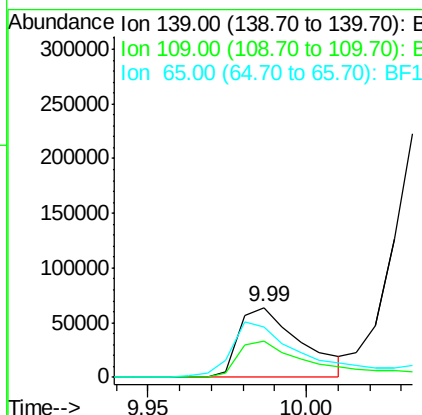
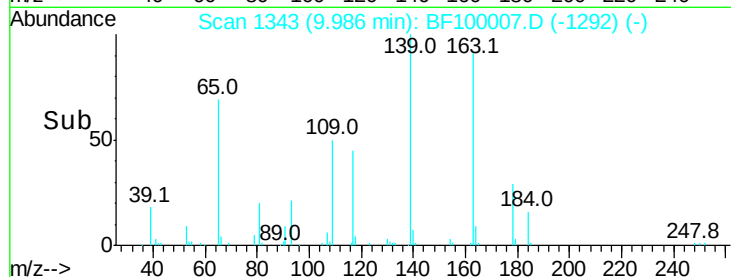
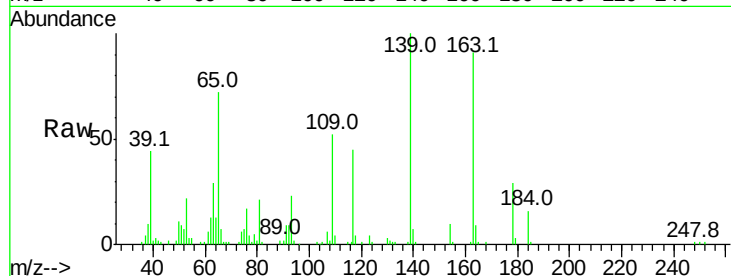
ClientSampleId :

PB103707BSD

Tot Ion:	139	Resp:	86335
Ion Ratio	Lower	Upper	
139	100		
109	51.8	48.4	88.4
65	72.1	72.6	112.6#

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#56

2,4-Dinitrotoluene

Concen: 35.479 ng

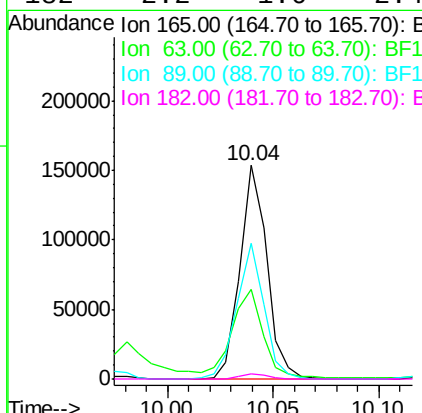
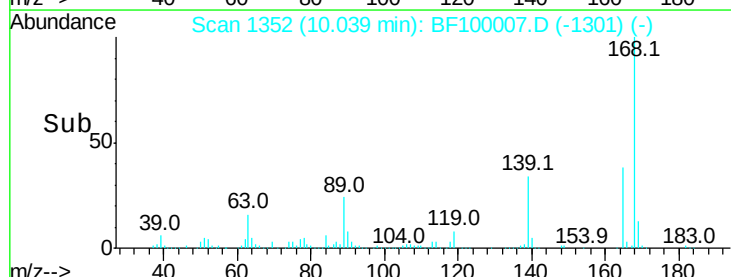
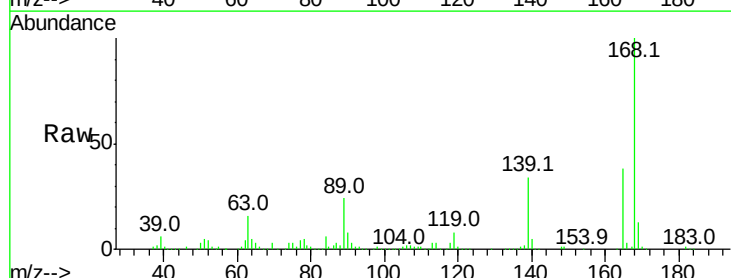
RT: 10.04 min Scan# 1352

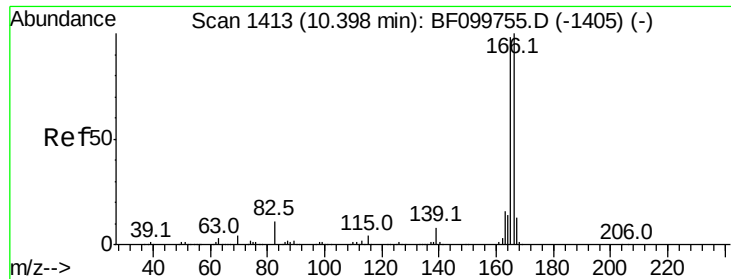
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	165	Resp:	134970
Ion Ratio	Lower	Upper	
165	100		
63	42.1	36.4	54.6
89	63.3	57.8	86.6
182	2.2	1.6	2.4





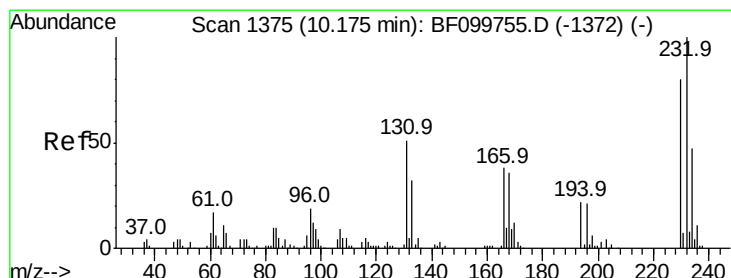
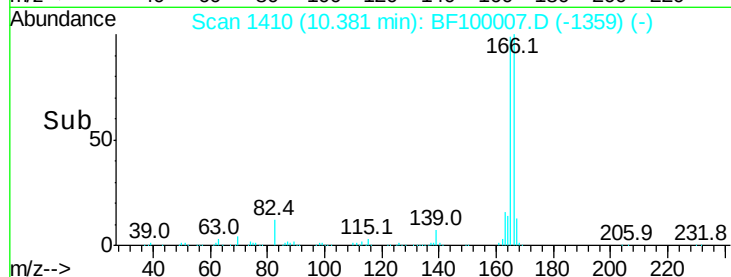
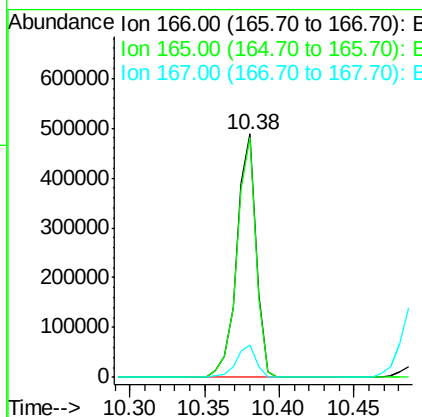
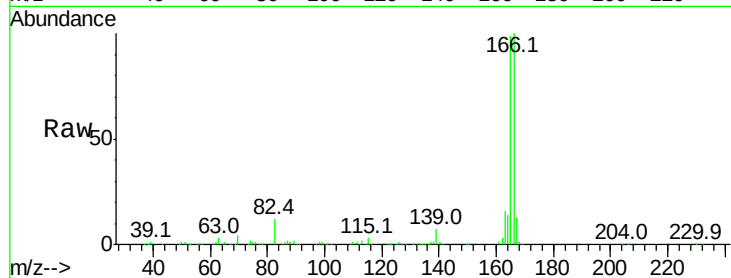
#57
 Fluorene
 Concen: 32.301 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.2	10.6	16.0

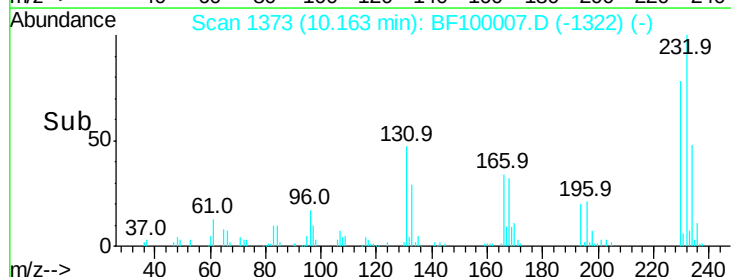
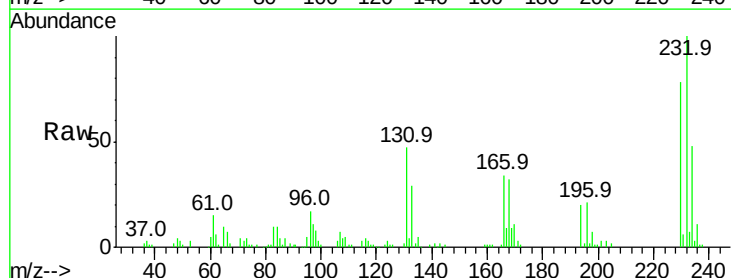
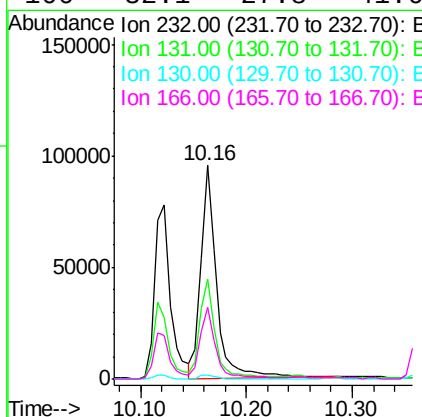
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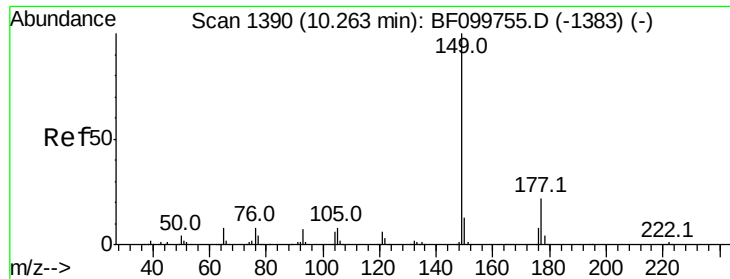
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.513 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.0	43.8	65.8
130	2.0	2.1	3.1#
166	32.1	27.8	41.6





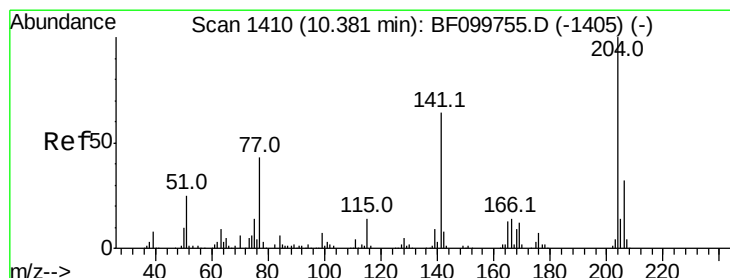
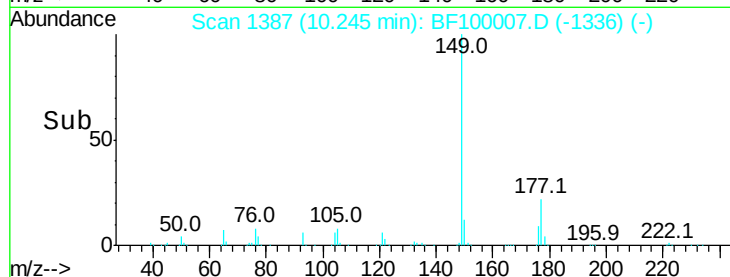
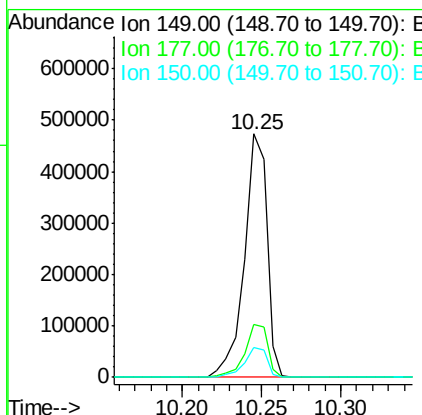
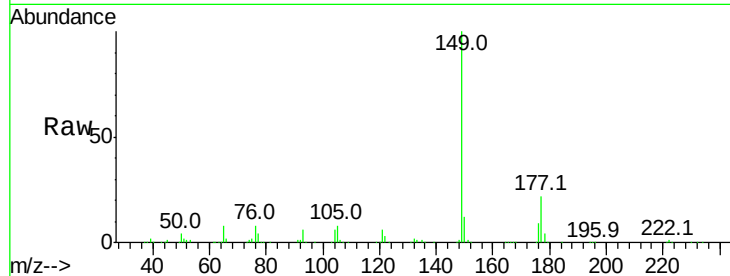
#59
Diethylphthalate
Concen: 31.721 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	465470		
177	21.8	16.1	24.1	
150	12.4	10.1	15.1	

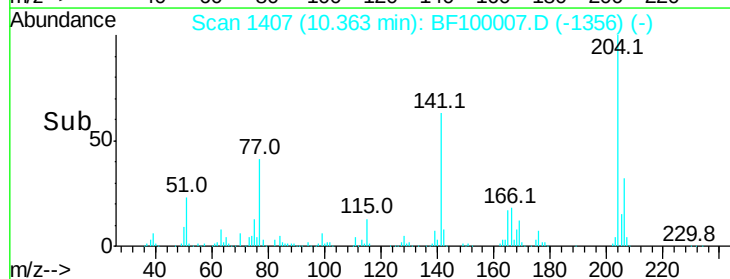
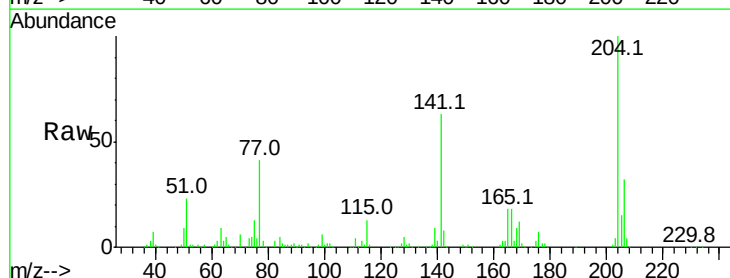
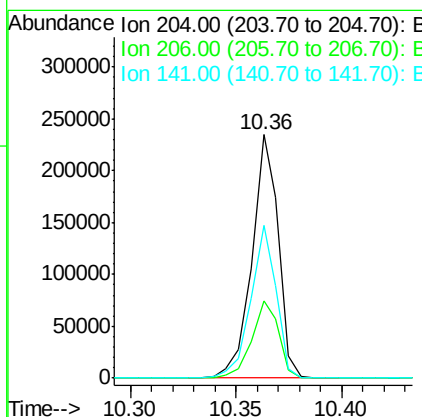
Manual Integrations
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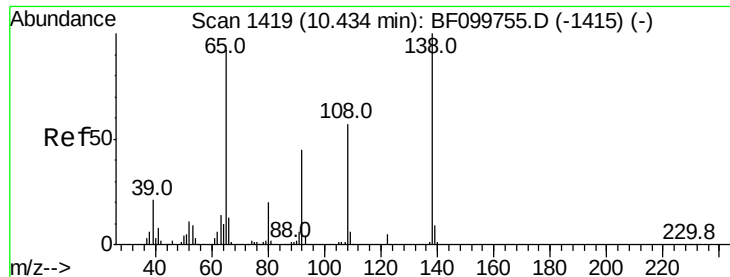
Sohil
11/1/2017 2:37:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.463 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	203031		
206	31.7	26.5	39.7	
141	62.7	54.6	81.8	





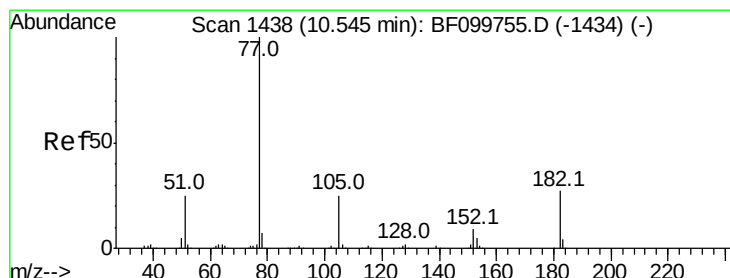
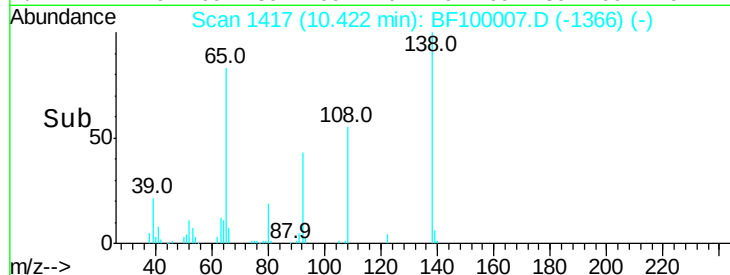
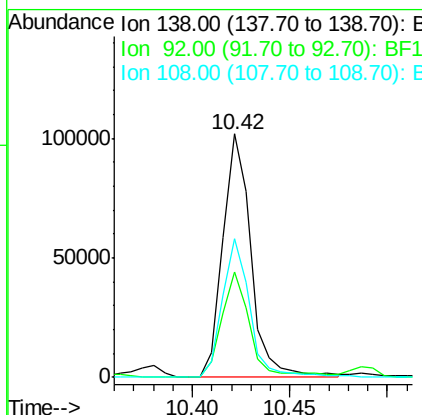
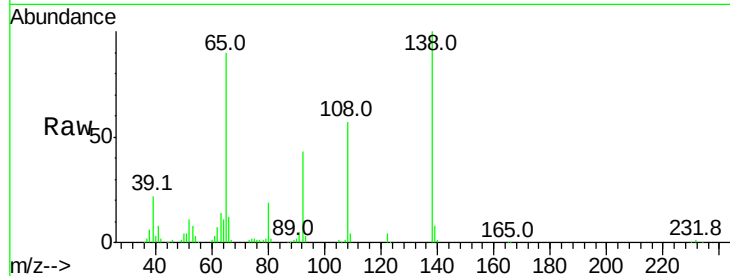
#61
4-Nitroaniline
Concen: 28.733 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.3	30.2	70.2	
108	56.8	52.5	92.5	

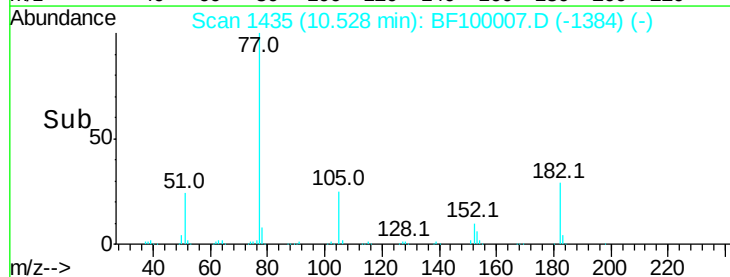
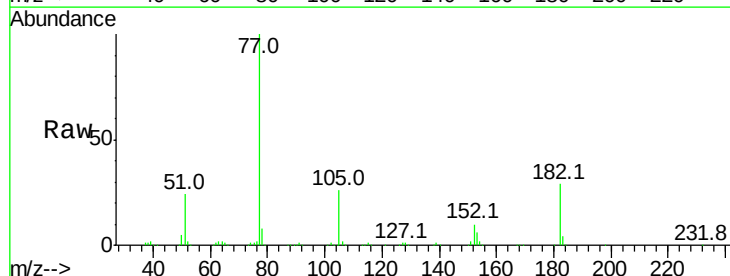
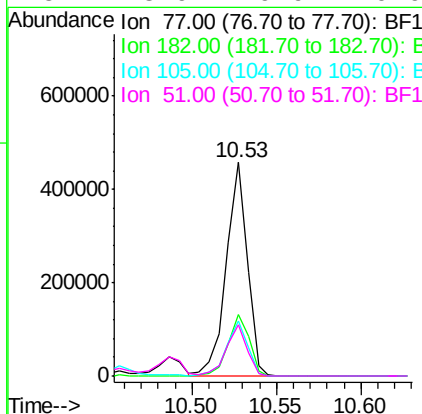
Manual Integrations
APPROVED

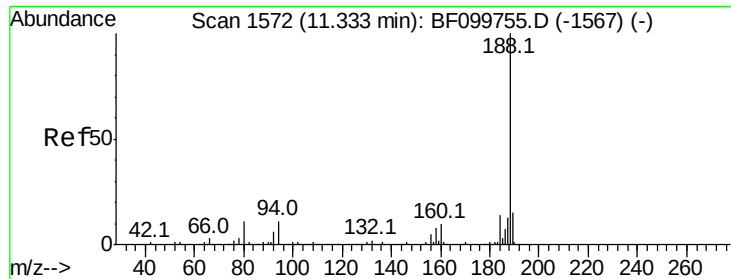
Sohil
11/1/2017 2:37:44 PM



#62
Azobenzene
Concen: 32.222 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.8	1.7	41.7	
105	25.7	3.0	43.0	
51	23.9	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

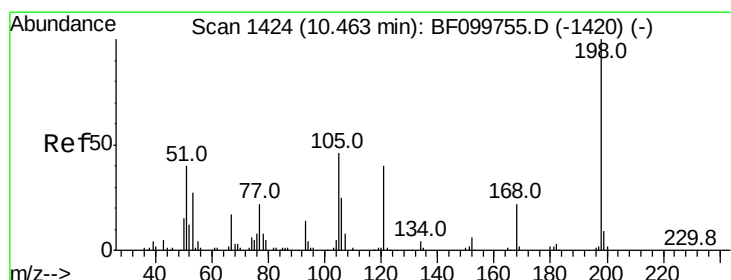
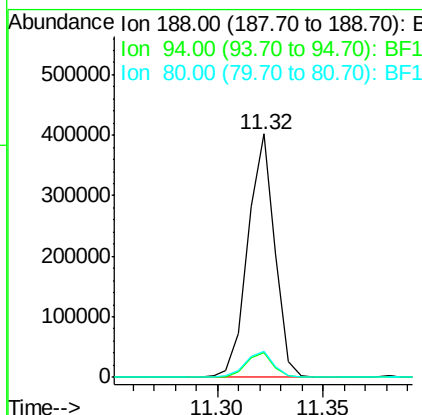
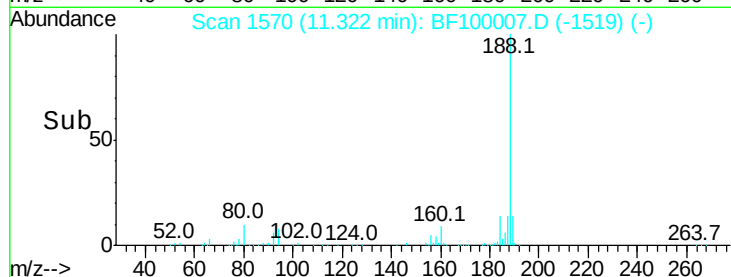
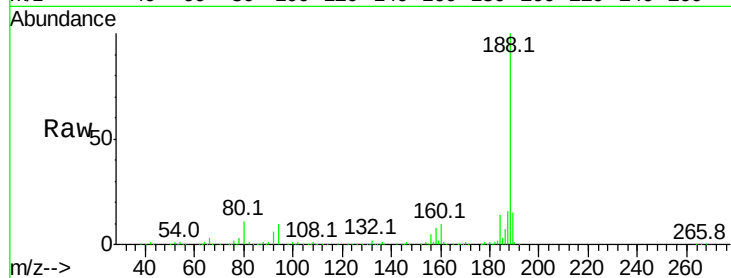
ClientSampled :

PB103707BSD

Tot Ion:	188	Resp:	353526
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

Manual Integrations
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Sohil
11/1/2017 2:37:44 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 24.643 ng

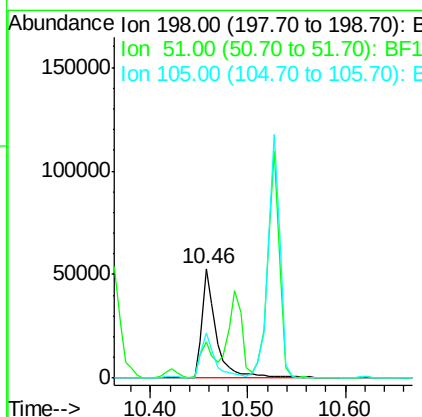
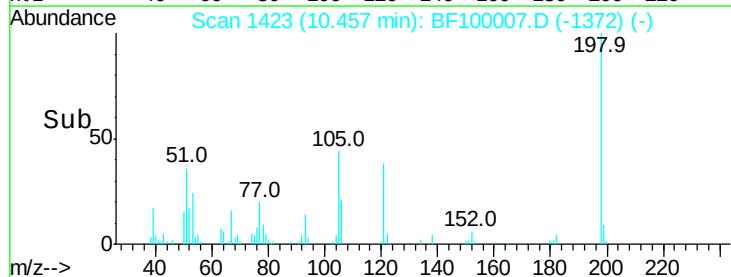
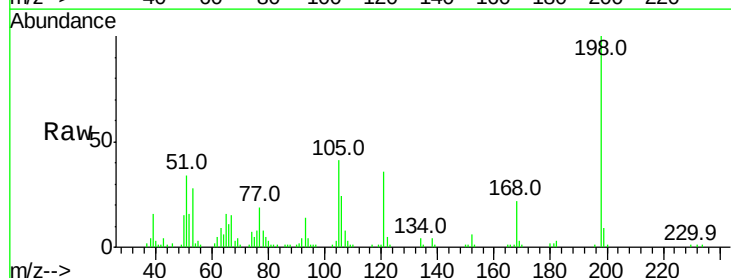
RT: 10.46 min Scan# 1423

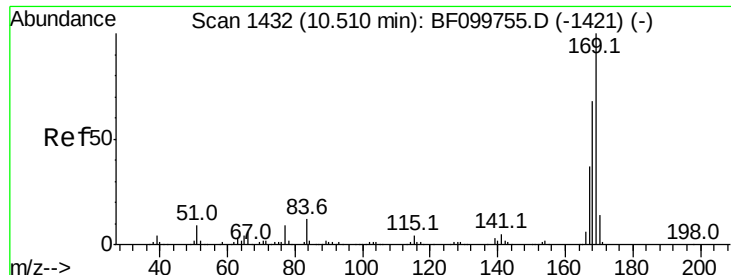
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	198	Resp:	54763
Ion Ratio	Lower	Upper	
198	100		
51	33.8	37.7	77.7#
105	41.2	36.3	76.3





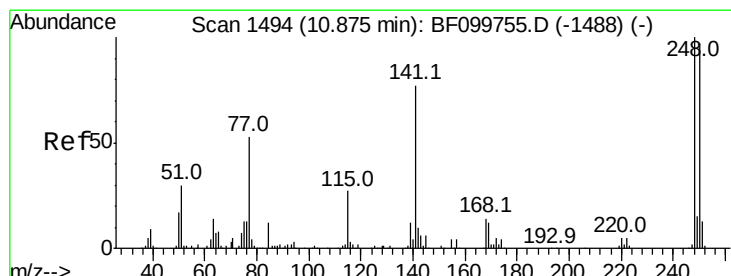
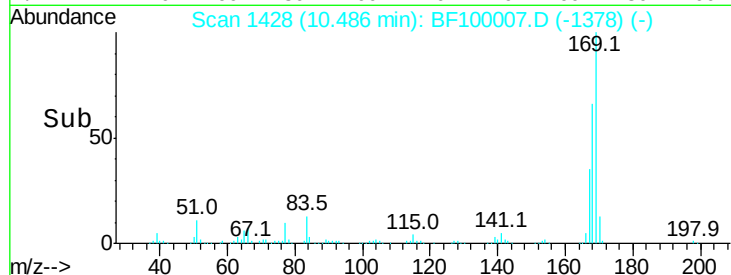
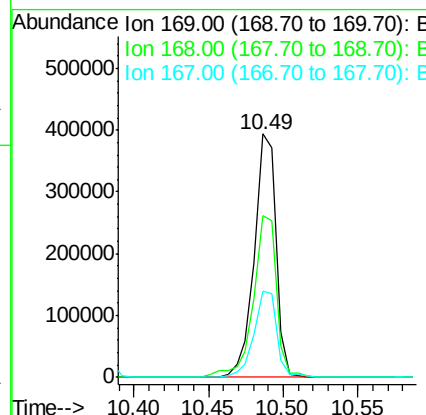
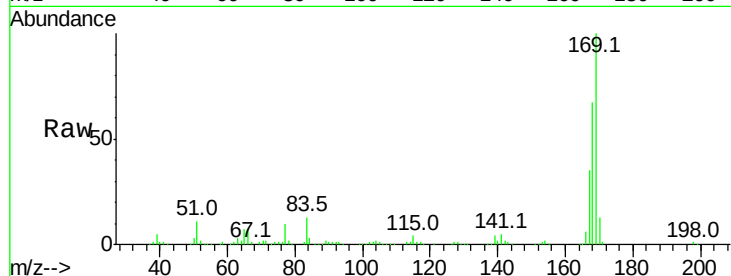
#65
n-Nitrosodiphenylamine
Concen: 30.328 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	395791		
168	66.6	54.4	81.6	
167	35.5	29.8	44.6	

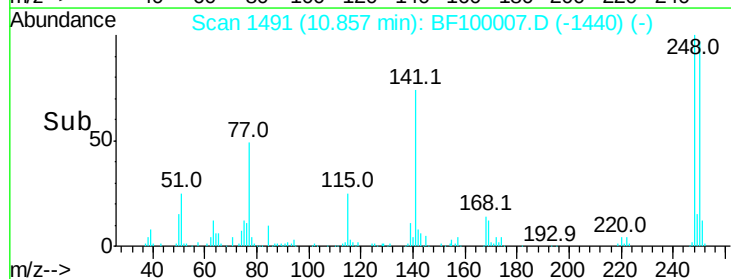
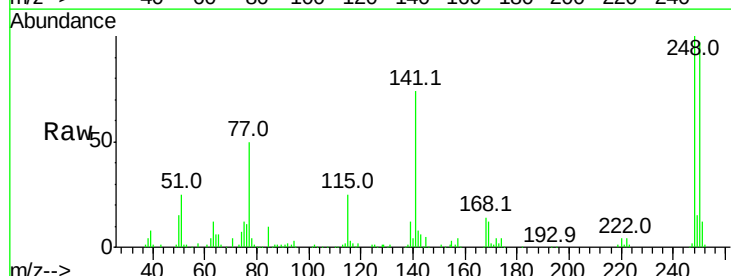
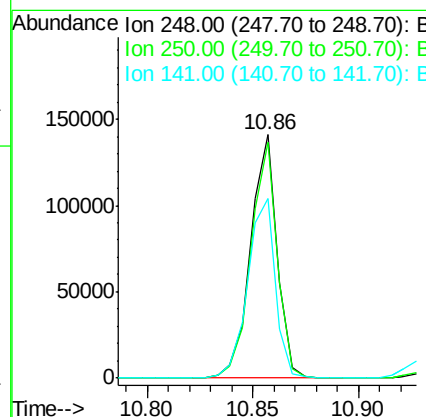
Manual Integrations
APPROVED

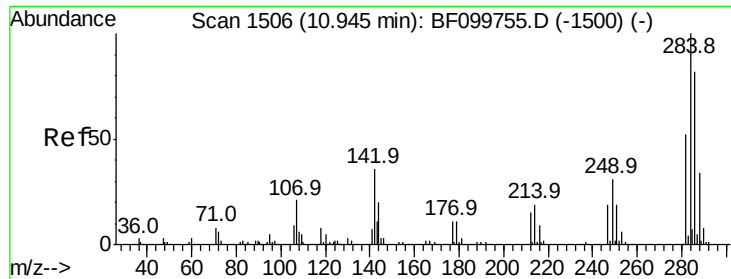
Sohil
11/1/2017 2:37:44 PM



#66
4-Bromophenyl-phenylether
Concen: 33.010 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	122857		
250	96.6	76.9	115.3	
141	73.7	74.4	111.6	





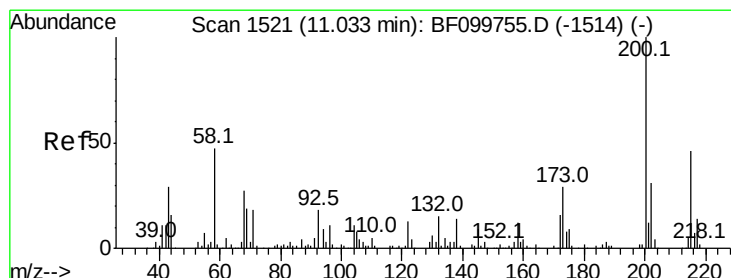
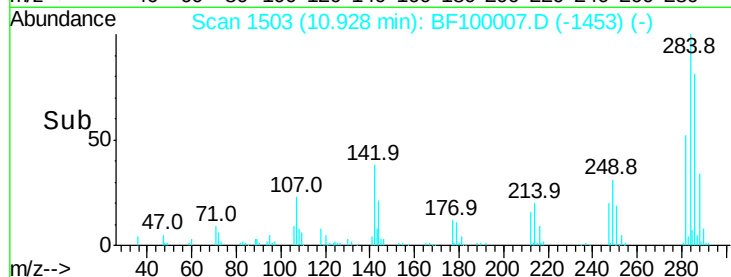
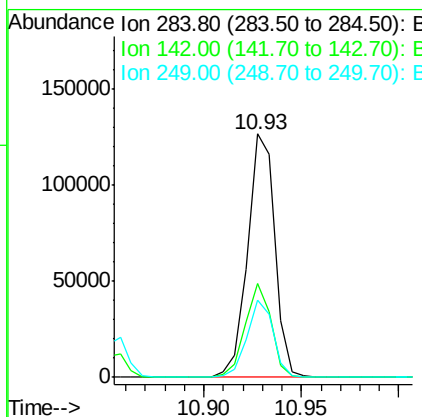
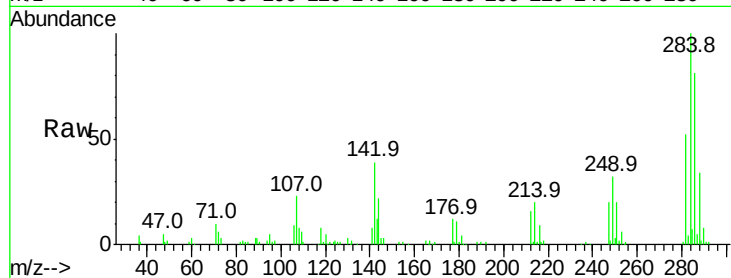
#67
Hexachlorobenzene
Concen: 32.272 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.7	34.6	52.0	
249	31.6	24.8	37.2	

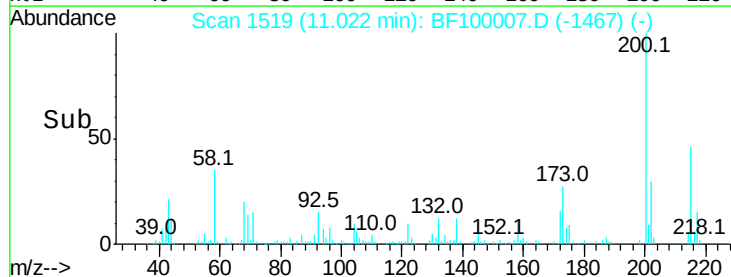
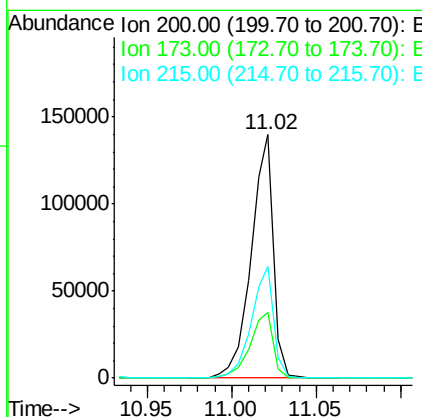
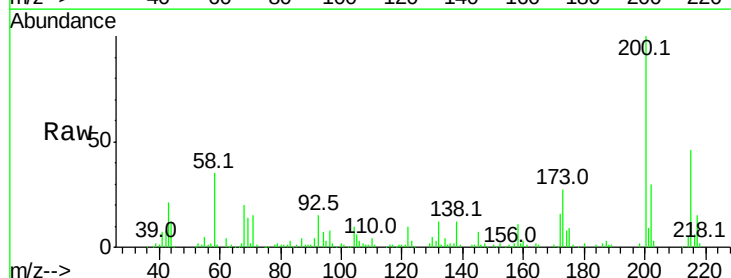
Manual Integrations
APPROVED

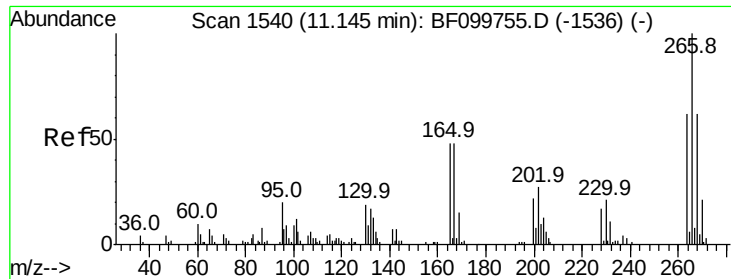
Sohil
11/1/2017 2:37:44 PM



#68
Atrazine
Concen: 32.665 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	8.6	48.6	
215	46.1	25.1	65.1	





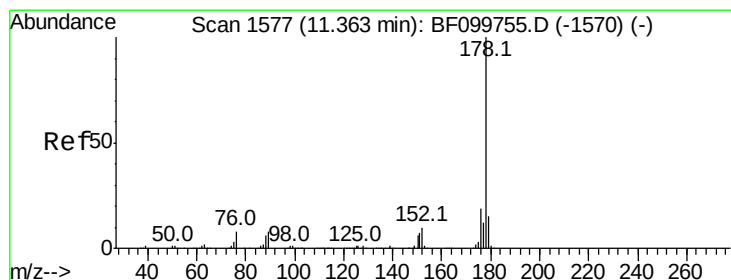
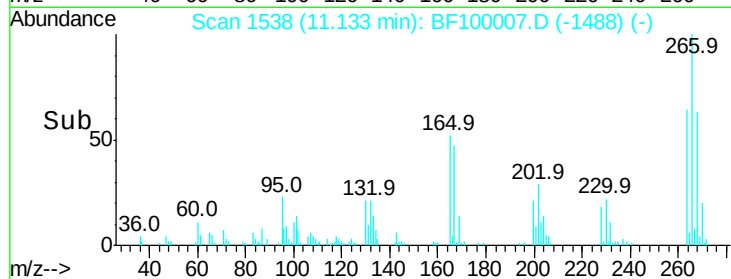
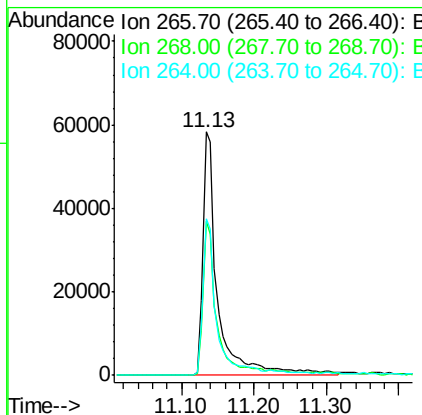
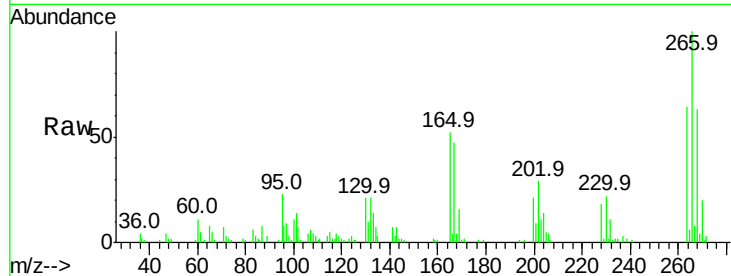
#69
 Pentachlorophenol
 Concen: 51.238 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	64.2	49.5	74.3

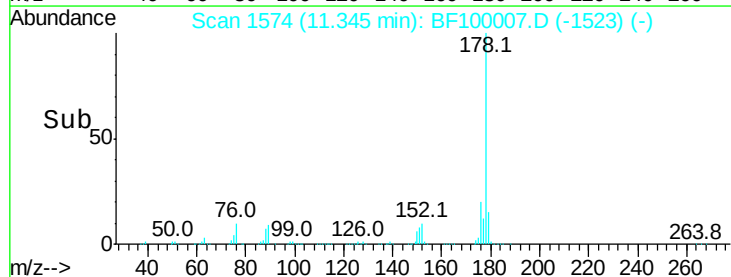
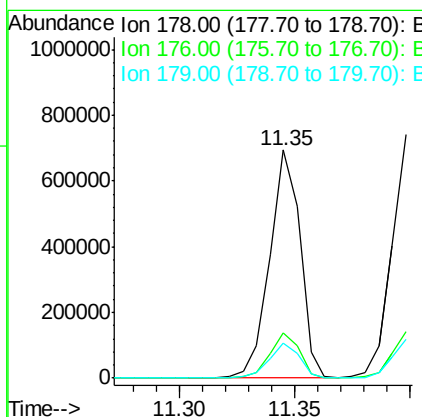
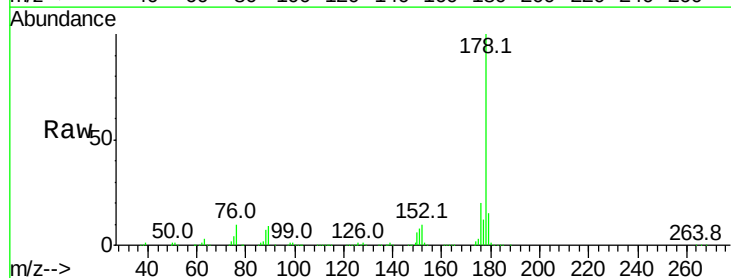
Manual Integrations
 APPROVED

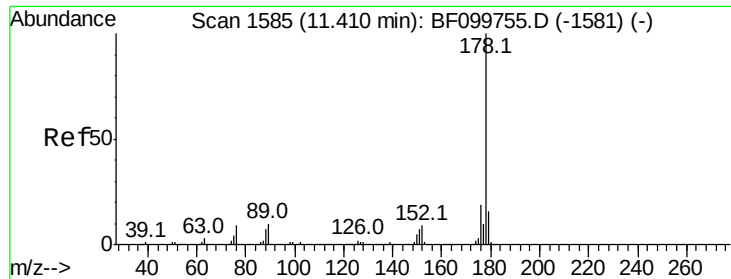
Sohil
 11/1/2017 2:37:44 PM



#70
 Phenanthrene
 Concen: 31.876 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6





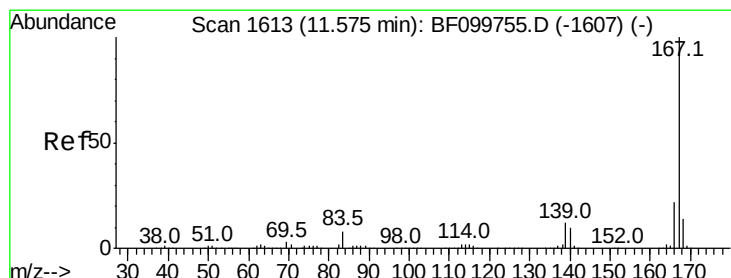
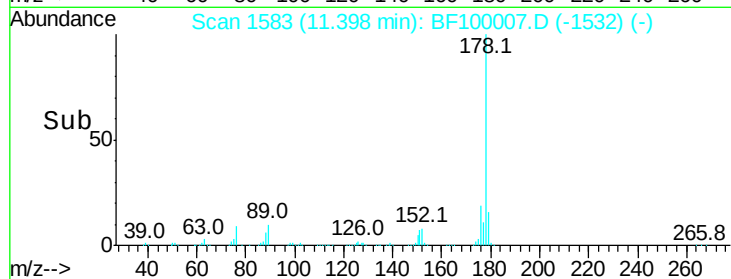
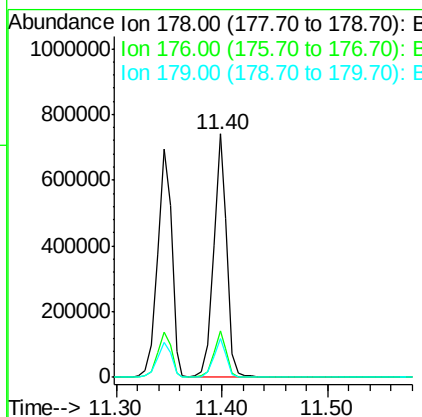
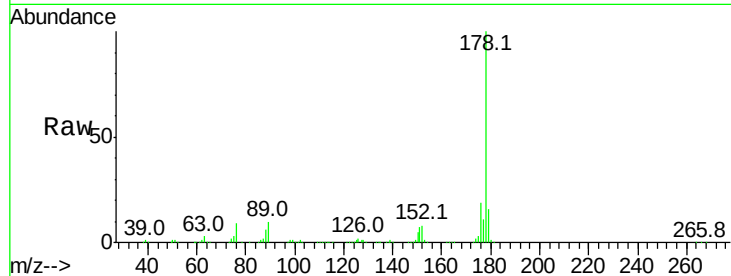
#71
 Anthracene
 Concen: 32.313 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.2	12.6	19.0

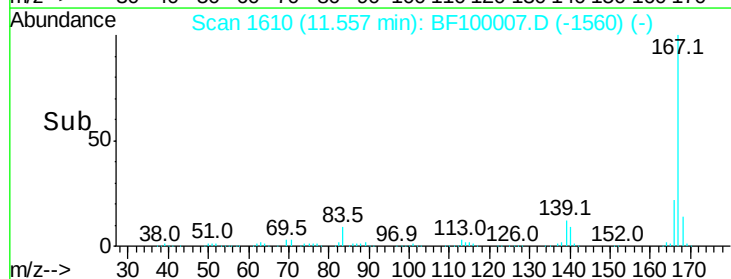
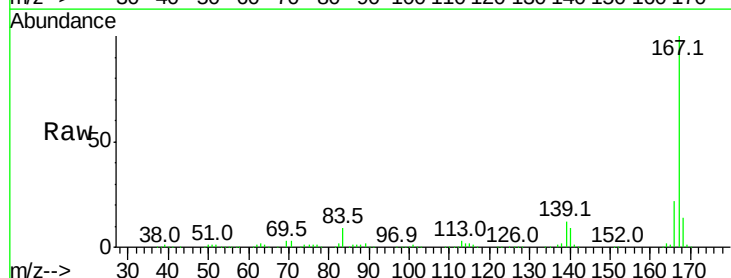
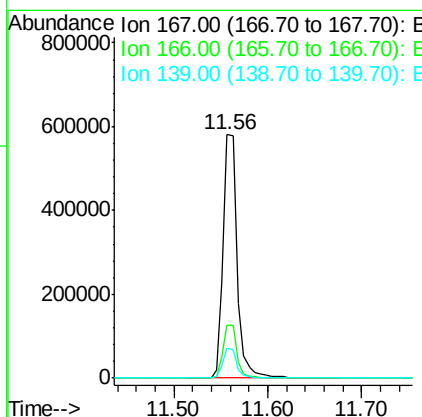
Manual Integrations
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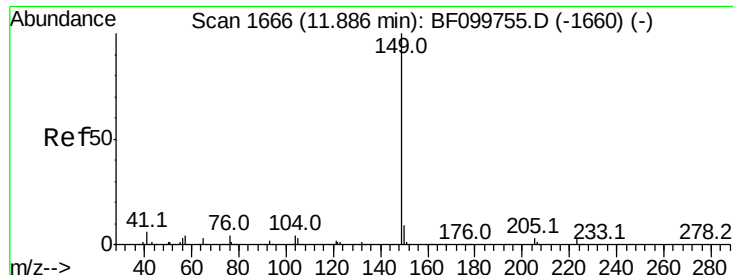
Sohil
 11/1/2017 2:37:44 PM



#72
 Carbazole
 Concen: 31.821 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 31.484 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

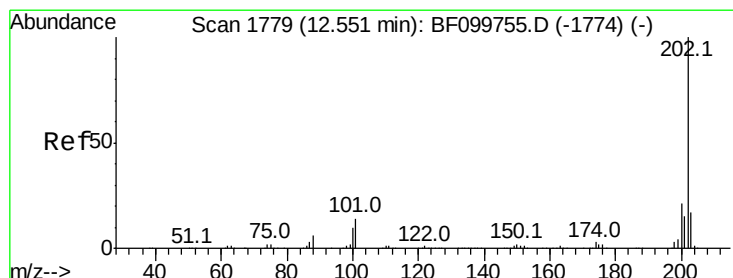
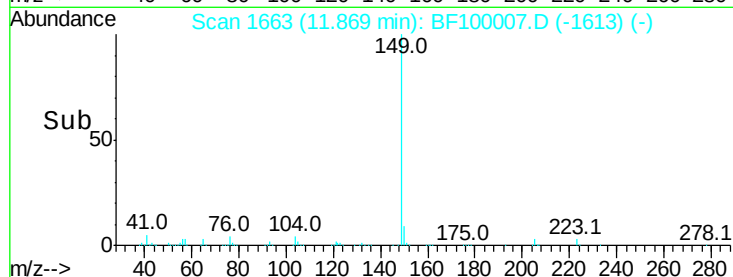
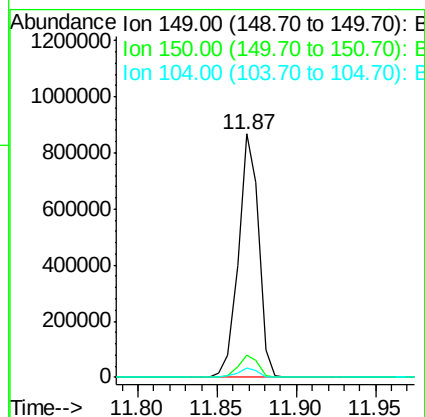
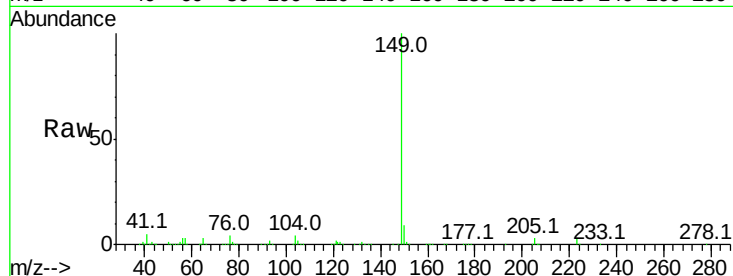
ClientSampleId :

PB103707BSD

Tot Ion:	149	Resp:	764774
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.0	3.8	5.8

Manual Integrations
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11/1/2017 2:37:44 PM



#74

Fluoranthene

Concen: 31.957 ng

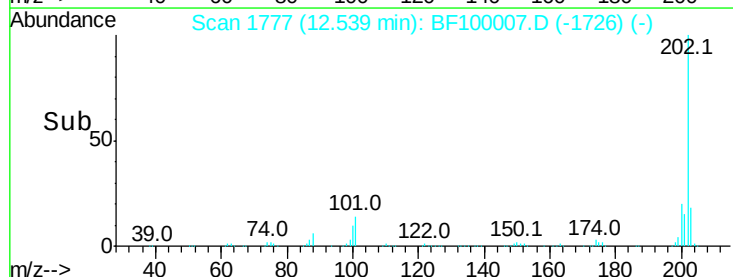
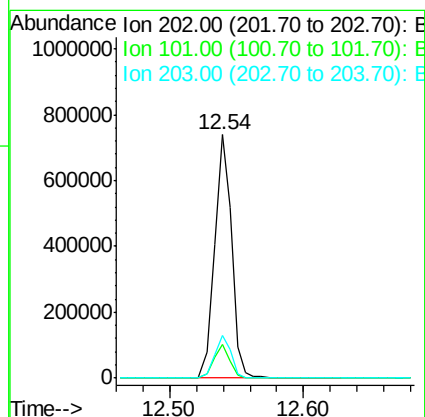
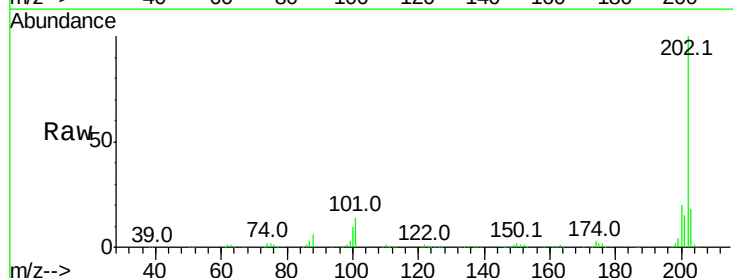
RT: 12.54 min Scan# 1777

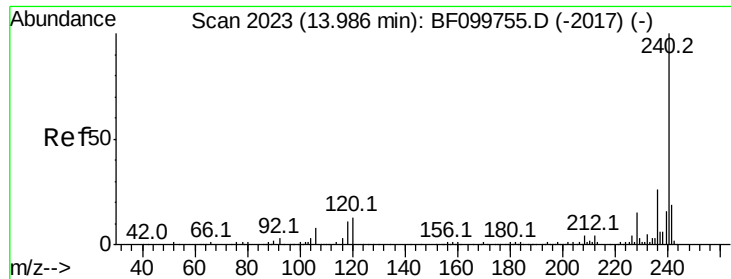
Delta R.T. 0.00 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

Tgt Ion:	202	Resp:	662594
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.6	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: BF100007.D

Acq: 31 Oct 2017 17:07

Instrument :

BNA_F

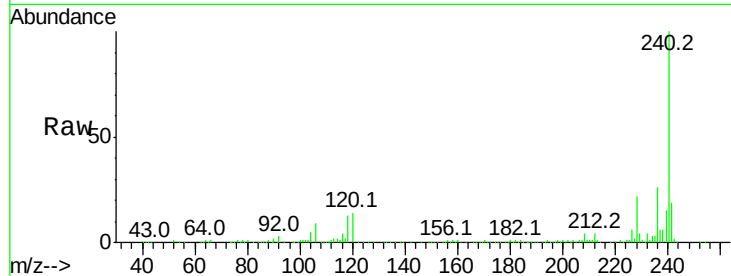
ClientSampleId :

PB103707BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
APPROVED

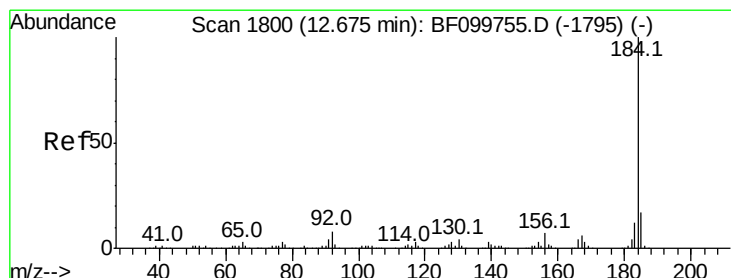
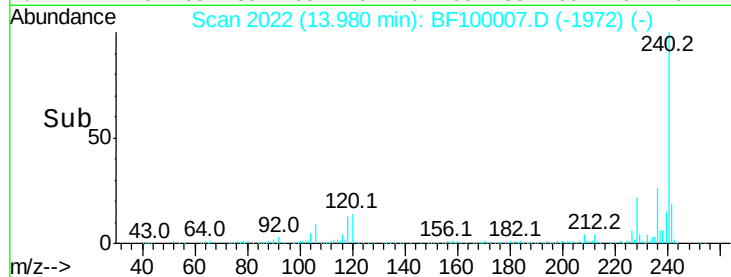
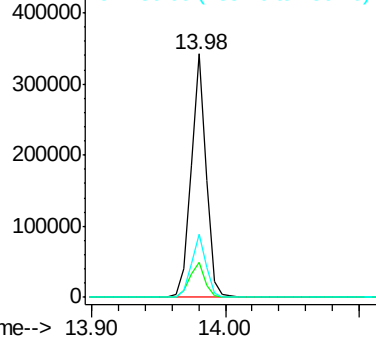
Sohil
11/1/2017 2:37:44 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.994 ng

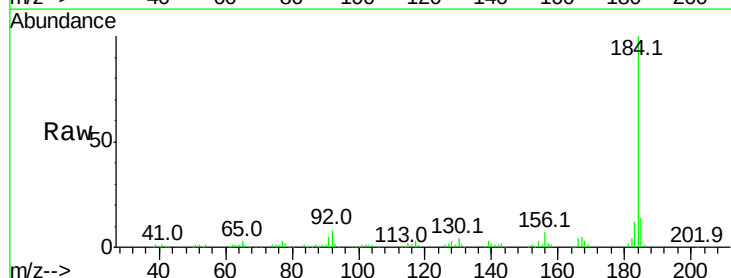
RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF100007.D

Acq: 31 Oct 2017 17:07

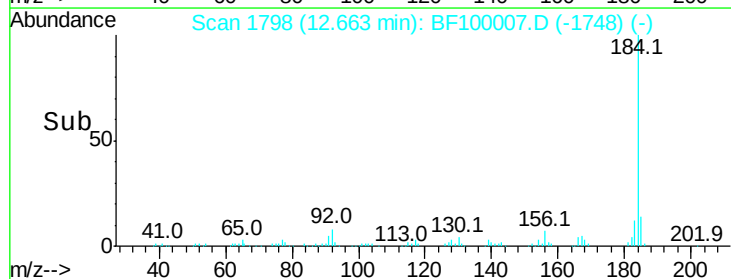
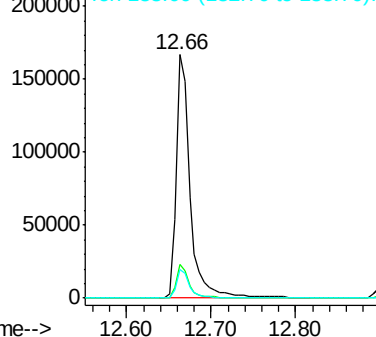
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	11.8	9.3	13.9

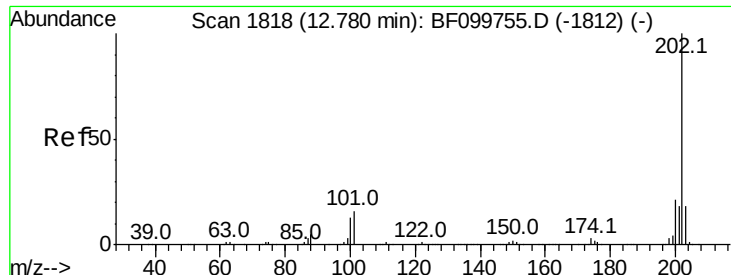


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





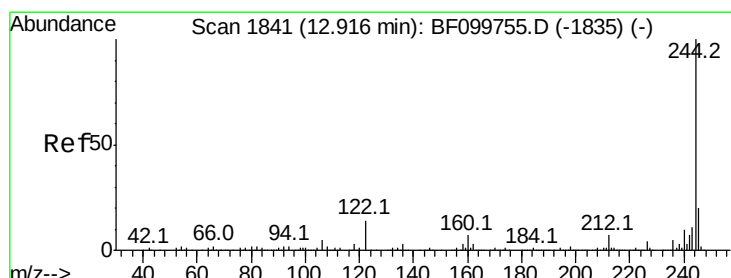
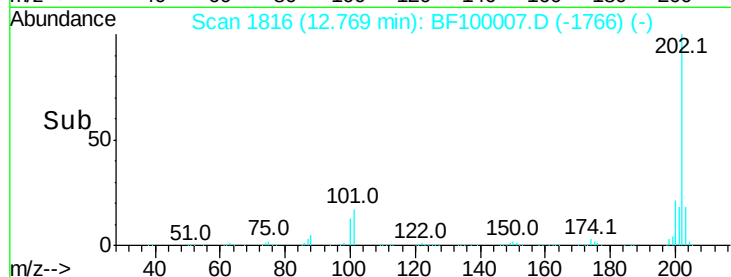
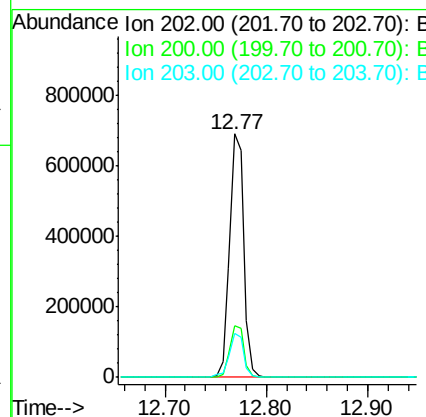
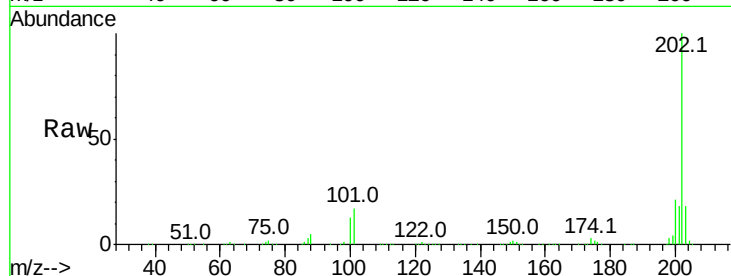
#77
Pvrene
Concen: 32.564 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	672962		
200	21.0		17.4	26.2
203	18.0		14.3	21.5

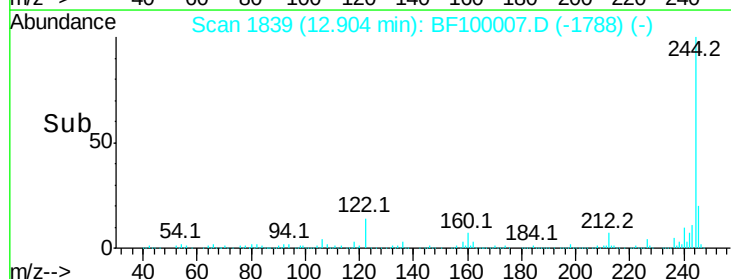
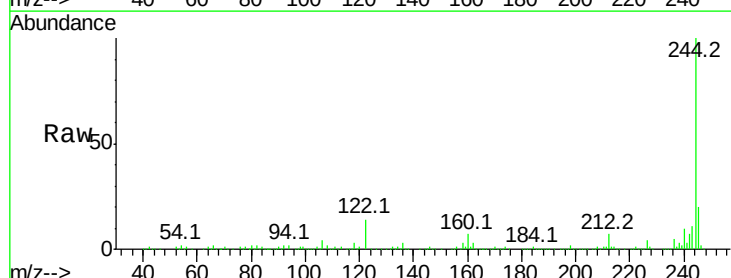
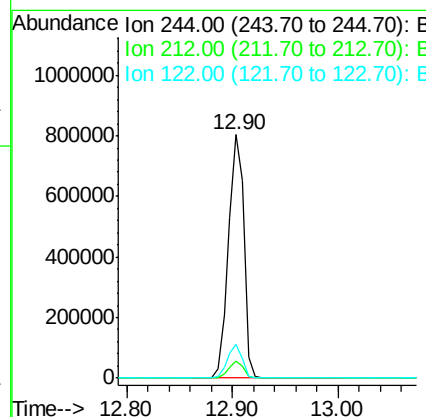
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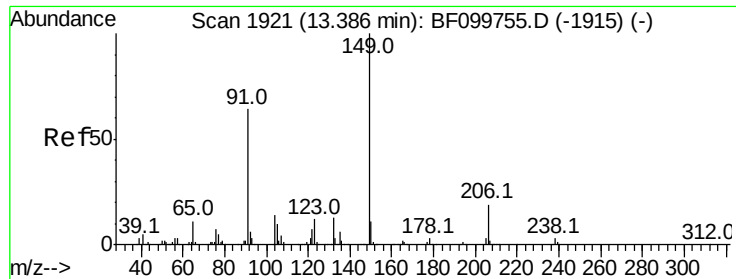
Sohil
11/1/2017 2:37:44 PM



#78
Terphenyl-d14
Concen: 65.705 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	817111		
212	6.8		5.4	8.0
122	13.9		11.0	16.4





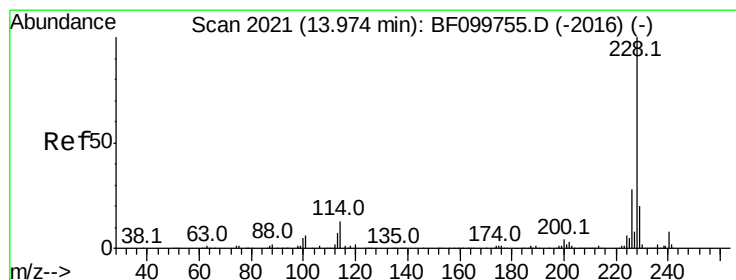
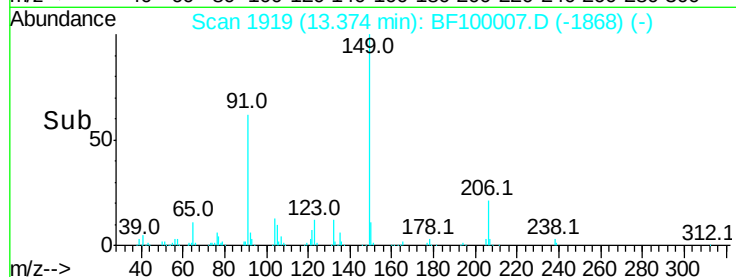
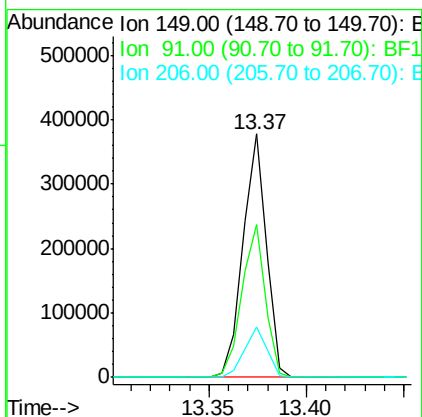
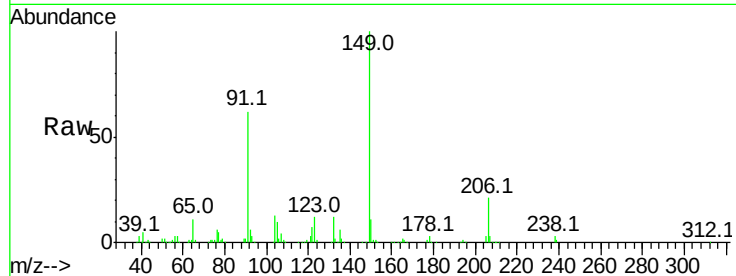
#79
Butylbenzylphthalate
Concen: 30.869 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	314140		
91	62.5	56.8	85.2	
206	20.6	14.1	21.1	

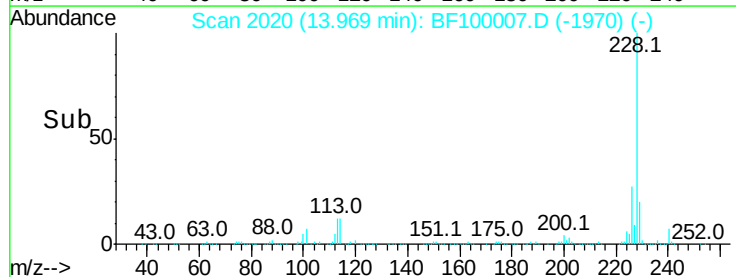
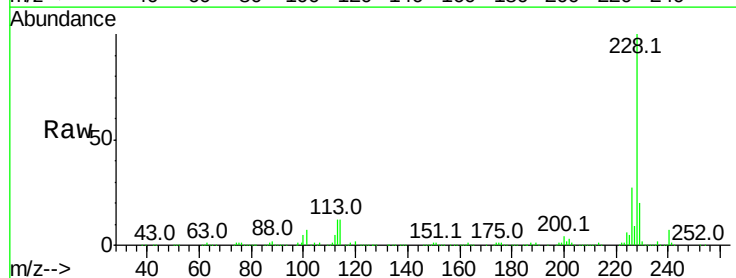
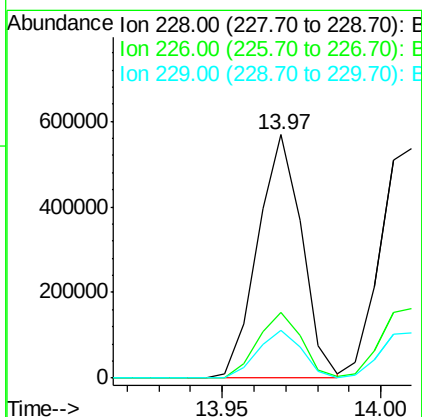
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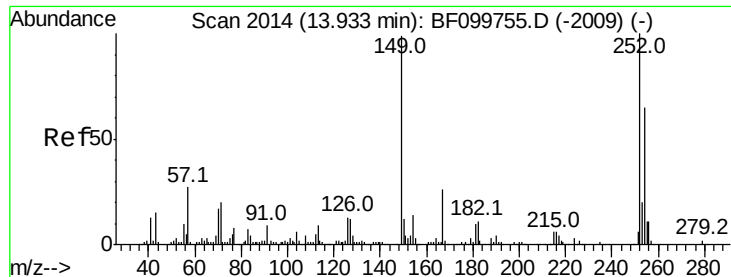
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#80
Benzo(a)anthracene
Concen: 31.808 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	548015		
226	27.1	22.6	33.8	
229	19.7	15.8	23.6	





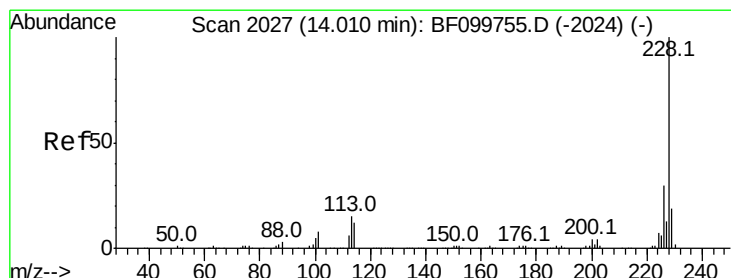
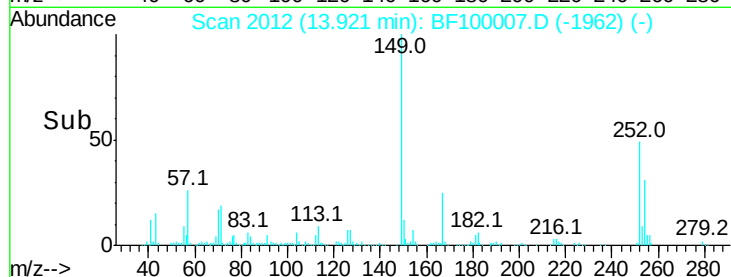
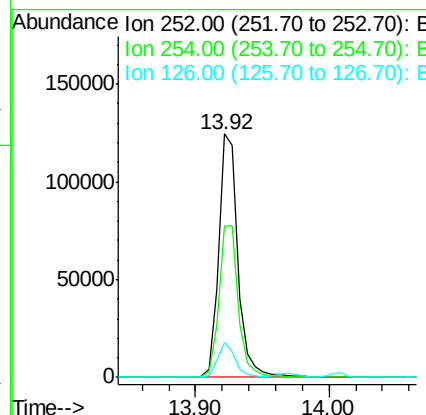
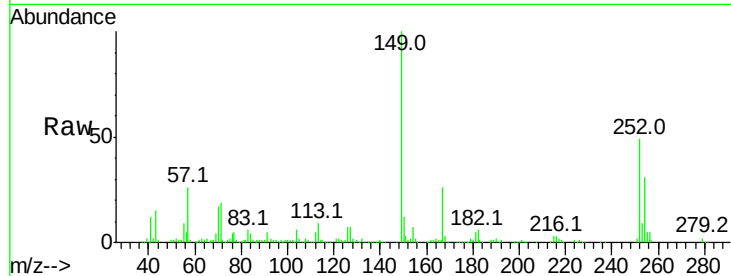
#81
 3,3'-Dichlorobenzidine
 Concen: 20.259 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.4	75.6
126	14.3	11.3	16.9

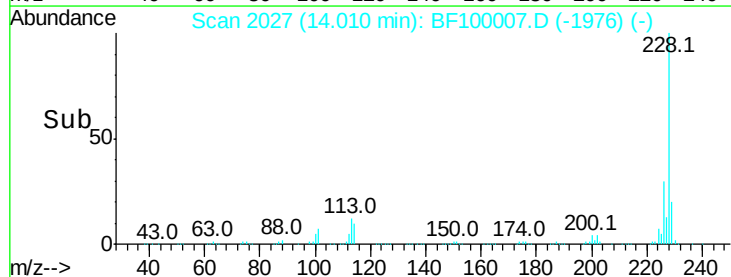
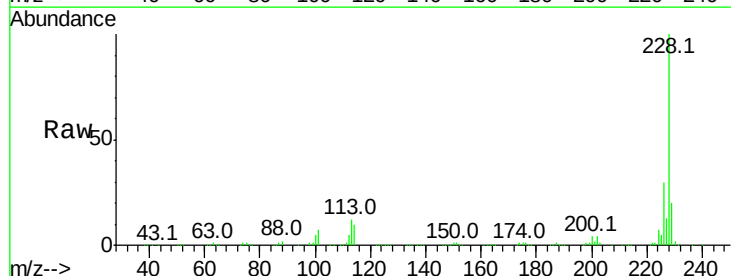
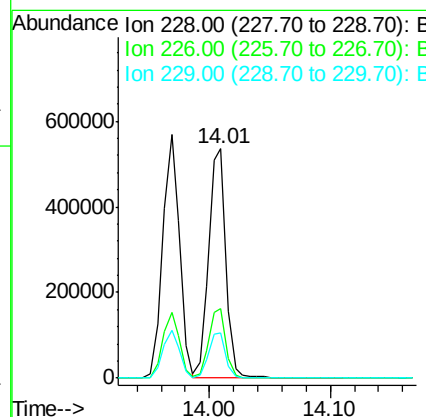
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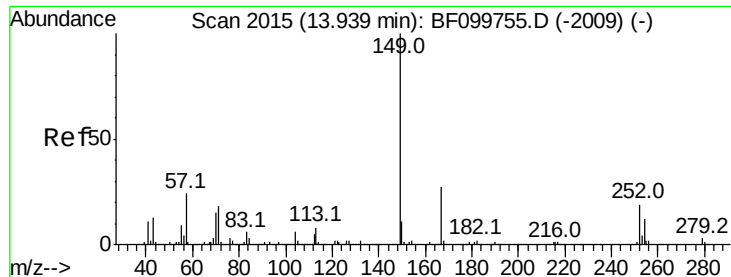
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#82
 Chrysene
 Concen: 32.640 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.6	16.2	24.4





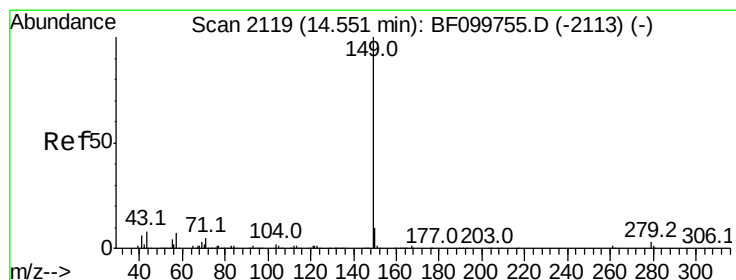
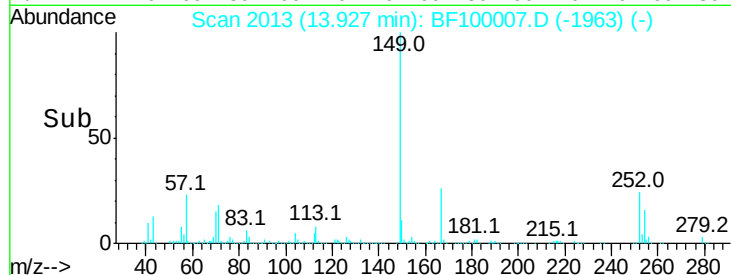
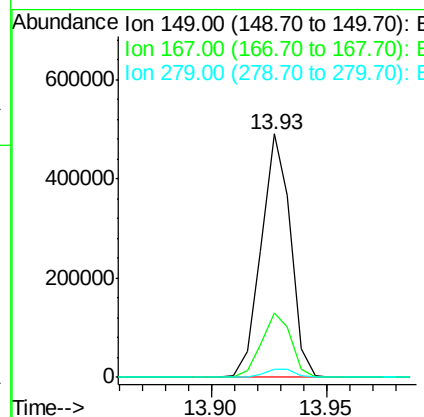
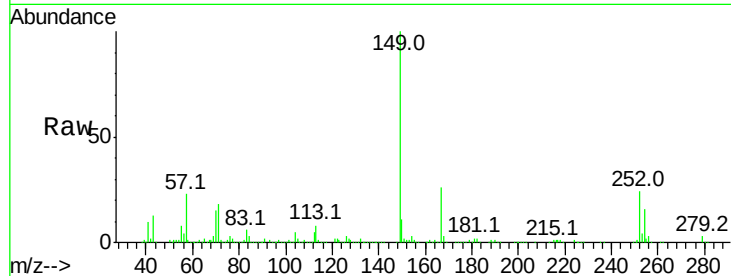
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.453 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	435194		
167	26.3		21.3	31.9
279	3.1		3.0	4.4

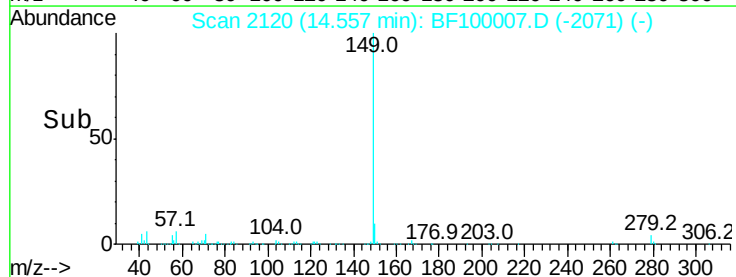
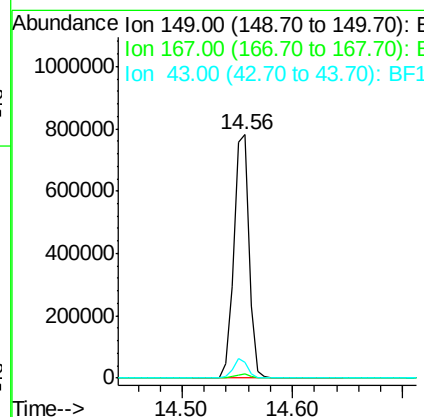
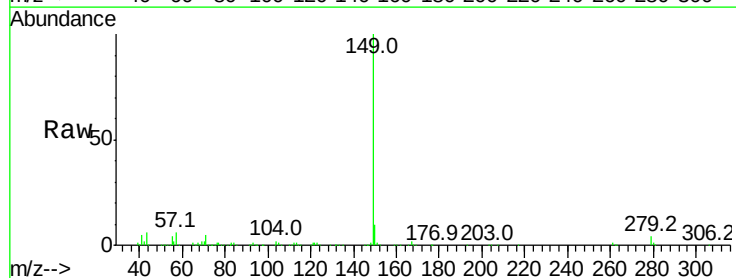
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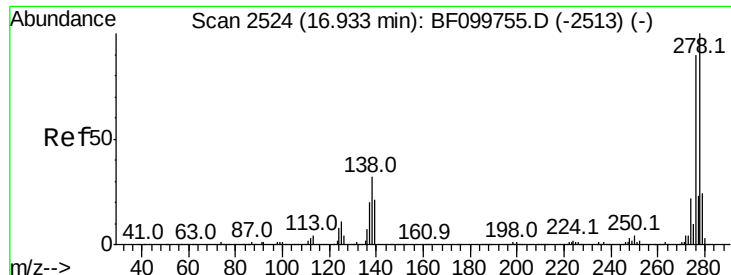
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#84
 Di-n-octyl phthalate
 Concen: 30.872 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	757244		
167	1.5		1.2	1.8
43	7.3		8.4	12.6#





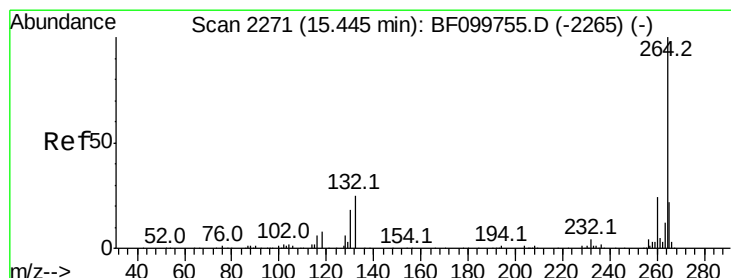
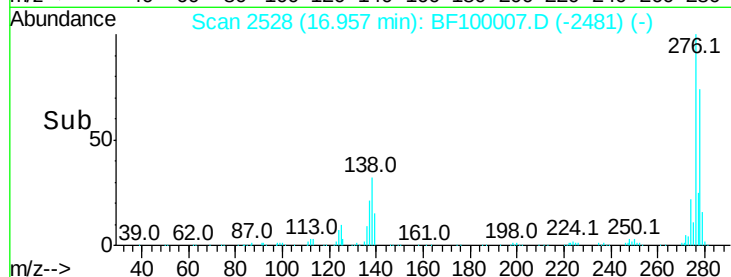
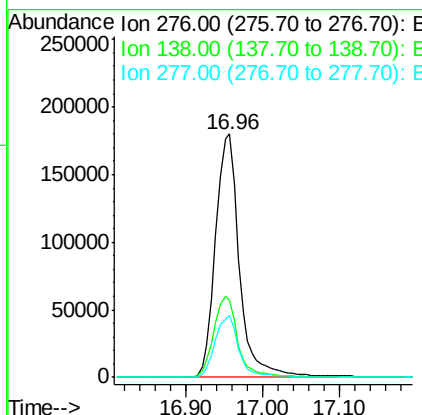
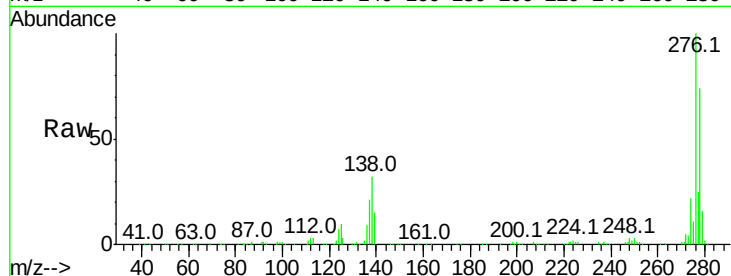
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.056 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.3	20.1	30.1

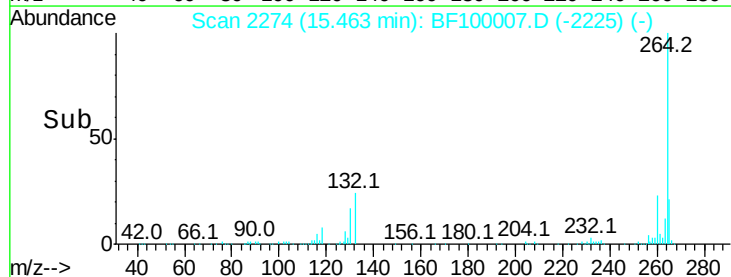
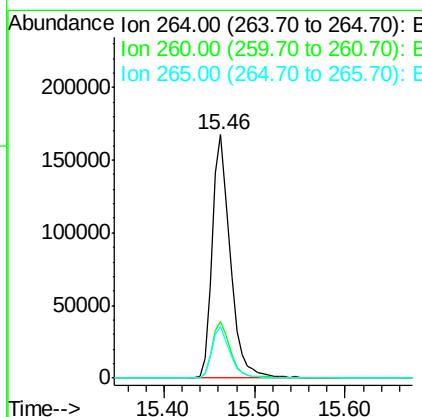
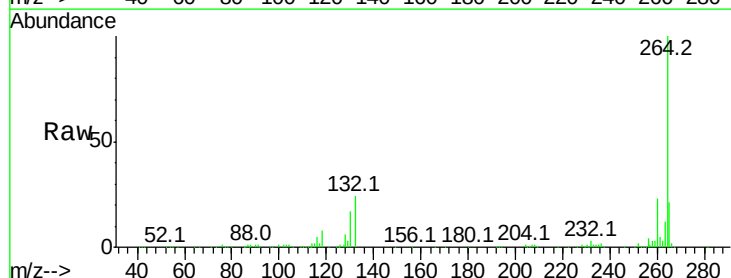
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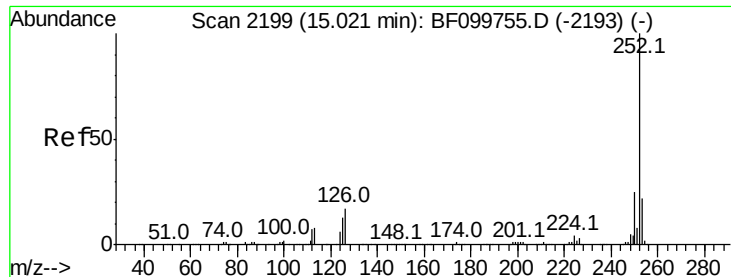
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3





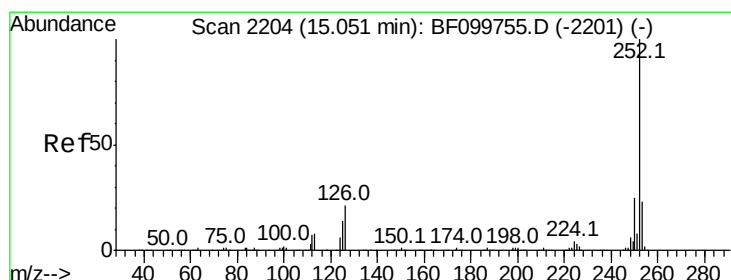
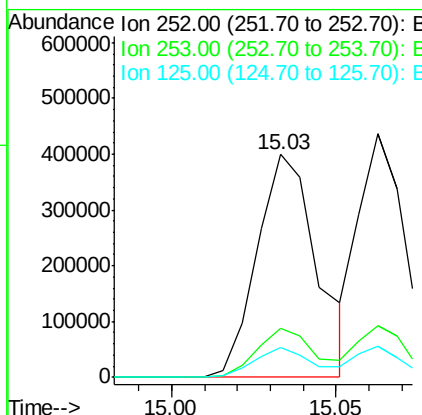
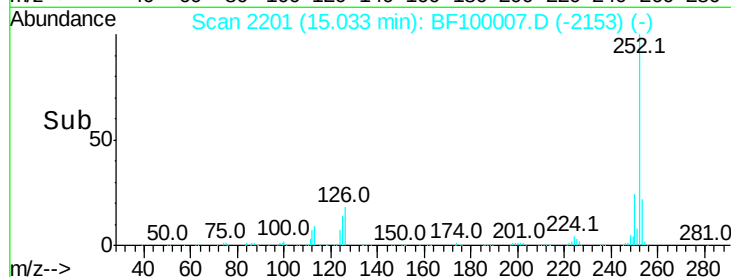
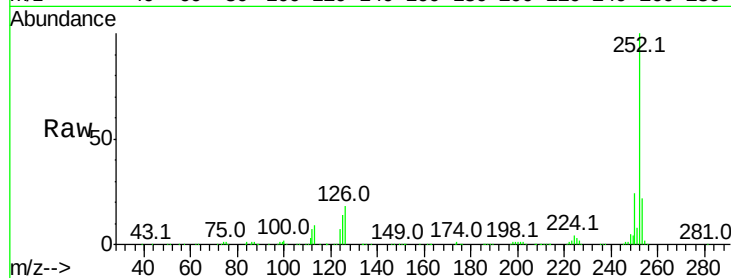
#87
Benzo(b)fluoranthene
Concen: 34.243 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.7	9.0	13.6

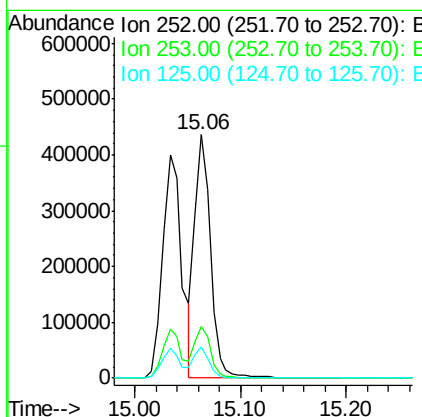
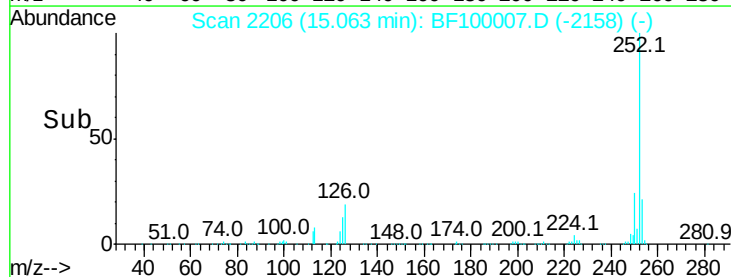
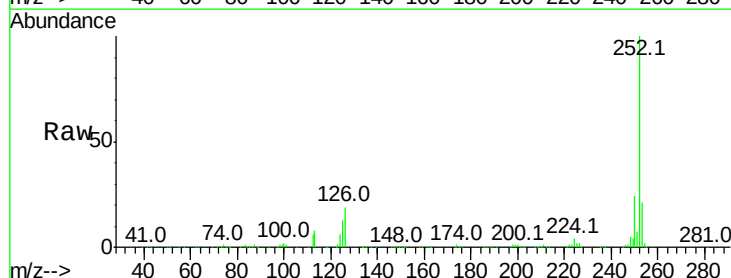
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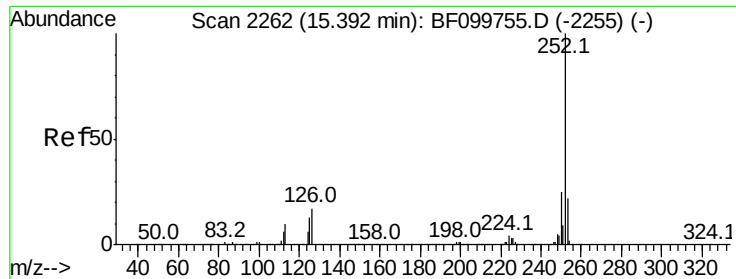
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#88
Benzo(k)fluoranthene
Concen: 32.264 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	12.7	10.2	15.2





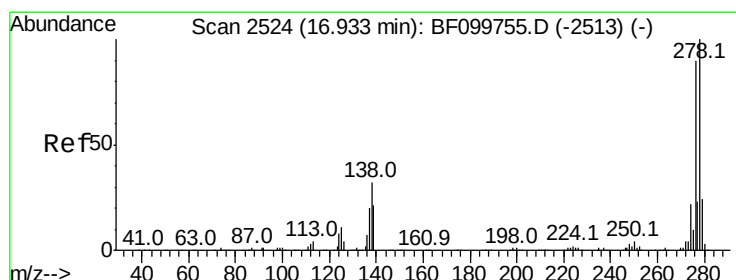
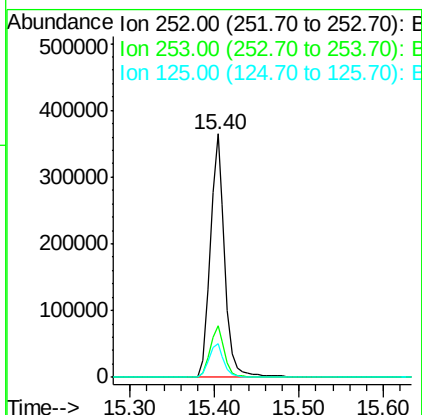
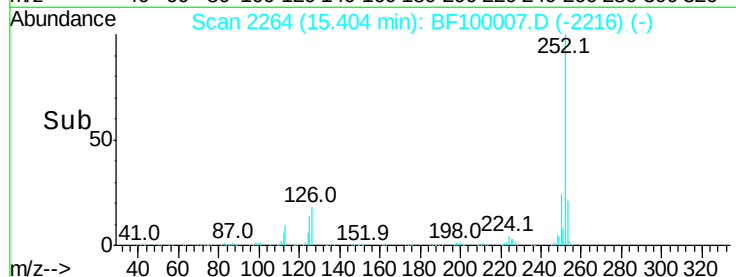
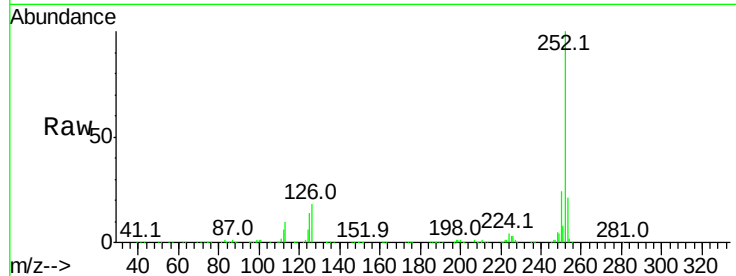
#89
Benzo(a)pyrene
Concen: 33.380 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Tot Ion:	252	Resp:	441424
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.1	25.7
125	13.6	9.8	14.6

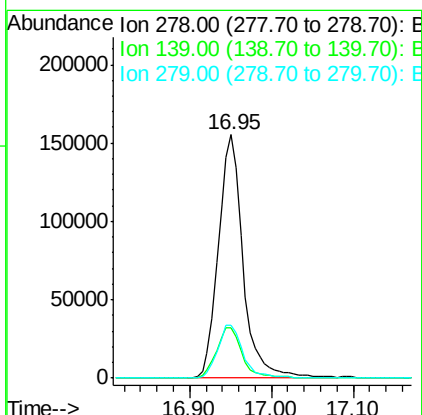
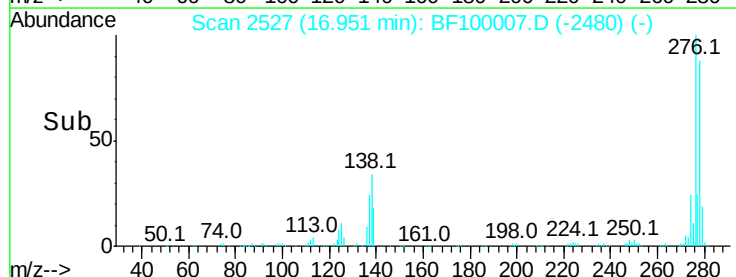
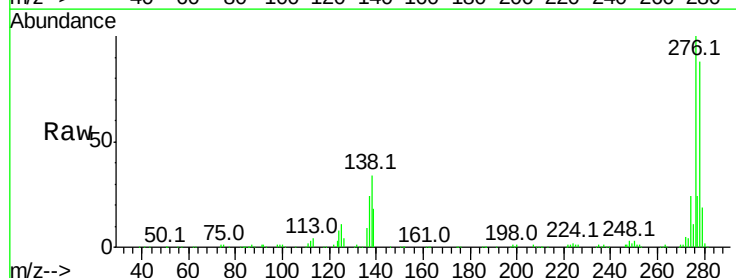
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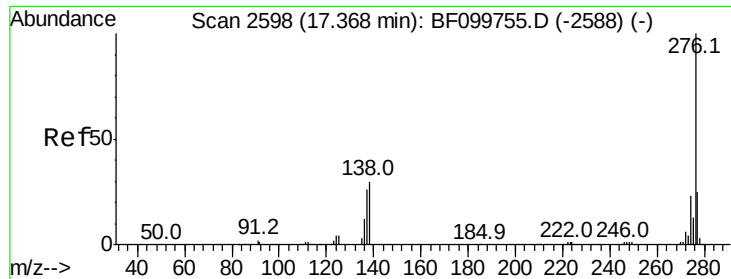
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#90
Dibenzo(a,h)anthracene
Concen: 27.814 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF100007.D
Acq: 31 Oct 2017 17:07

Tgt Ion:	278	Resp:	326828
Ion Ratio	Lower	Upper	
278	100		
139	20.8	15.9	23.9
279	21.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 27.625 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. -0.02 min
 Lab File: BF100007.D
 Acq: 31 Oct 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103707BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	29.3	21.8	32.8

Manual Integrations
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