

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100002.D
 Acq On : 31 Oct 2017 14:58
 Operator : SJ/JU
 Sample : PB103742BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:39 PM

Quant Time: Nov 01 08:25:59 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	90711	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	397996	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202860	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	378007	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282429	20.00	ng	0.00
86) Perylene-d12	15.47	264	239562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	676200	117.03	ng	0.01
7) Phenol-d6	6.44	99	816238	119.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	466612	75.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	213470	115.47	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1034579	78.68	ng	0.00
78) Terphenyl-d14	12.91	244	997208	77.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	74419	29.167	ng	# 88
3) Pyridine	3.35	79	177591	28.944	ng	# 83
4) n-Nitrosodimethylamine	3.29	42	74839	34.142	ng	# 64
6) Aniline	6.46	93	230449	25.942	ng	94
8) 2-Chlorophenol	6.58	128	254208	41.281	ng	91
9) Benzaldehyde	6.35	77	98094	23.961	ng	88
10) Phenol	6.45	94	304942	40.540	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	226502	38.994	ng	94
12) 1,3-Dichlorobenzene	6.73	146	259592m	37.544	ng	
13) 1,4-Dichlorobenzene	6.80	146	266989	38.046	ng	97
14) 1,2-Dichlorobenzene	6.96	146	247322	38.671	ng	96
15) Benzyl Alcohol	6.95	79	176119	40.422	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	281003	43.550	ng	# 48
17) 2-Methylphenol	7.06	107	203492	39.505	ng	# 94
18) Hexachloroethane	7.29	117	87792	37.499	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	156807	39.057	ng	90
20) 3+4-Methylphenols	7.21	107	271868	45.328	ng	# 75
22) Acetophenone	7.20	105	326447	36.024	ng	# 95
24) Nitrobenzene	7.38	77	239373	38.430	ng	91
25) Isophorone	7.62	82	473443	42.205	ng	97
26) 2-Nitrophenol	7.69	139	148345	41.581	ng	# 85
27) 2,4-Dimethylphenol	7.73	122	241956	46.030	ng	92
28) bis(2-Chloroethoxy)methane	7.82	93	312514	39.780	ng	100
29) 2,4-Dichlorophenol	7.94	162	241840	44.288	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	222568	38.147	ng	98
31) Naphthalene	8.09	128	736597	38.341	ng	99
32) Benzoic acid	7.90	122	124195	26.842	ng	90
33) 4-Chloroaniline	8.15	127	160464	20.227	ng	96
34) Hexachlorobutadiene	8.20	225	112028	37.330	ng	98
35) Caprolactam	8.54	113	76744m	44.691	ng	
36) 4-Chloro-3-methylphenol	8.65	107	241542	43.337	ng	92
37) 2-Methylnaphthalene	8.79	142	532337	41.348	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	224073	34.200	ng	98
40) Hexachlorocyclopentadiene	8.93	237	76253	60.435	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	155902	39.338	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	161740	38.458	nq	95
45) 1,1'-Biphenyl	9.25	154	645458	35.172	nq	99
46) 2-Chloronaphthalene	9.27	162	502254	37.685	nq	96
47) 2-Nitroaniline	9.39	65	135957	38.868	nq	84
48) Acenaphthylene	9.69	152	749939	36.534	nq	100
49) Dimethylphthalate	9.55	163	603593	37.572	nq	100
50) 2,6-Dinitrotoluene	9.63	165	135688	40.178	nq	94
51) Acenaphthene	9.86	154	456839	36.423	nq	99
52) 3-Nitroaniline	9.80	138	87440	21.974	nq	84
53) 2,4-Dinitrophenol	9.93	184	62220	49.063	nq #	86
54) Dibenzofuran	10.04	168	692180	39.096	nq	97
55) 4-Nitrophenol	9.99	139	122292	58.817	nq	84
56) 2,4-Dinitrotoluene	10.05	165	175457	43.140	nq #	82
57) Fluorene	10.38	166	562608	38.380	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129442	43.898	nq	90
59) Diethylphthalate	10.25	149	614336	39.159	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	261518	37.907	nq	92
61) 4-Nitroaniline	10.43	138	137671	36.262	nq	85
62) Azobenzene	10.53	77	517000	39.313	nq	86
64) 4,6-Dinitro-2-methylphenol	10.46	198	67210	28.285	nq #	71
65) n-Nitrosodiphenylamine	10.49	169	514500	36.871	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	159877	40.175	nq	92
67) Hexachlorobenzene	10.93	284	156907	38.540	nq	93
68) Atrazine	11.03	200	165760	39.546	nq	97
69) Pentachlorophenol	11.14	266	116584	67.016	nq	98
70) Phenanthrene	11.35	178	808628	37.905	nq	99
71) Anthracene	11.40	178	846201	39.078	nq	99
72) Carbazole	11.56	167	772878	37.955	nq	99
73) Di-n-butylphthalate	11.87	149	983829	37.880	nq	98
74) Fluoranthene	12.55	202	844920	38.112	nq	97
76) Benzidine	12.67	184	386099	31.242	nq	97
77) Pyrene	12.77	202	854435	39.786	nq	99
79) Butylbenzylphthalate	13.38	149	410687	38.835	nq	87
80) Benzo(a)anthracene	13.97	228	691389	38.616	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	153495	23.618	nq	99
82) Chrysene	14.02	228	659495	39.181	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	557637	37.549	nq	99
84) Di-n-octyl phthalate	14.56	149	969683	38.042	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.97	276	485568	31.424	nq	98
87) Benzo(b)fluoranthene	15.04	252	579907	38.335	nq	98
88) Benzo(k)fluoranthene	15.07	252	602598	42.245	nq	99
89) Benzo(a)pyrene	15.42	252	545179	40.121	nq #	97
90) Dibenzo(a,h)anthracene	16.97	278	404224	33.478	nq	97
91) Benzo(g,h,i)perylene	17.42	276	399893	33.852	nq	98

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

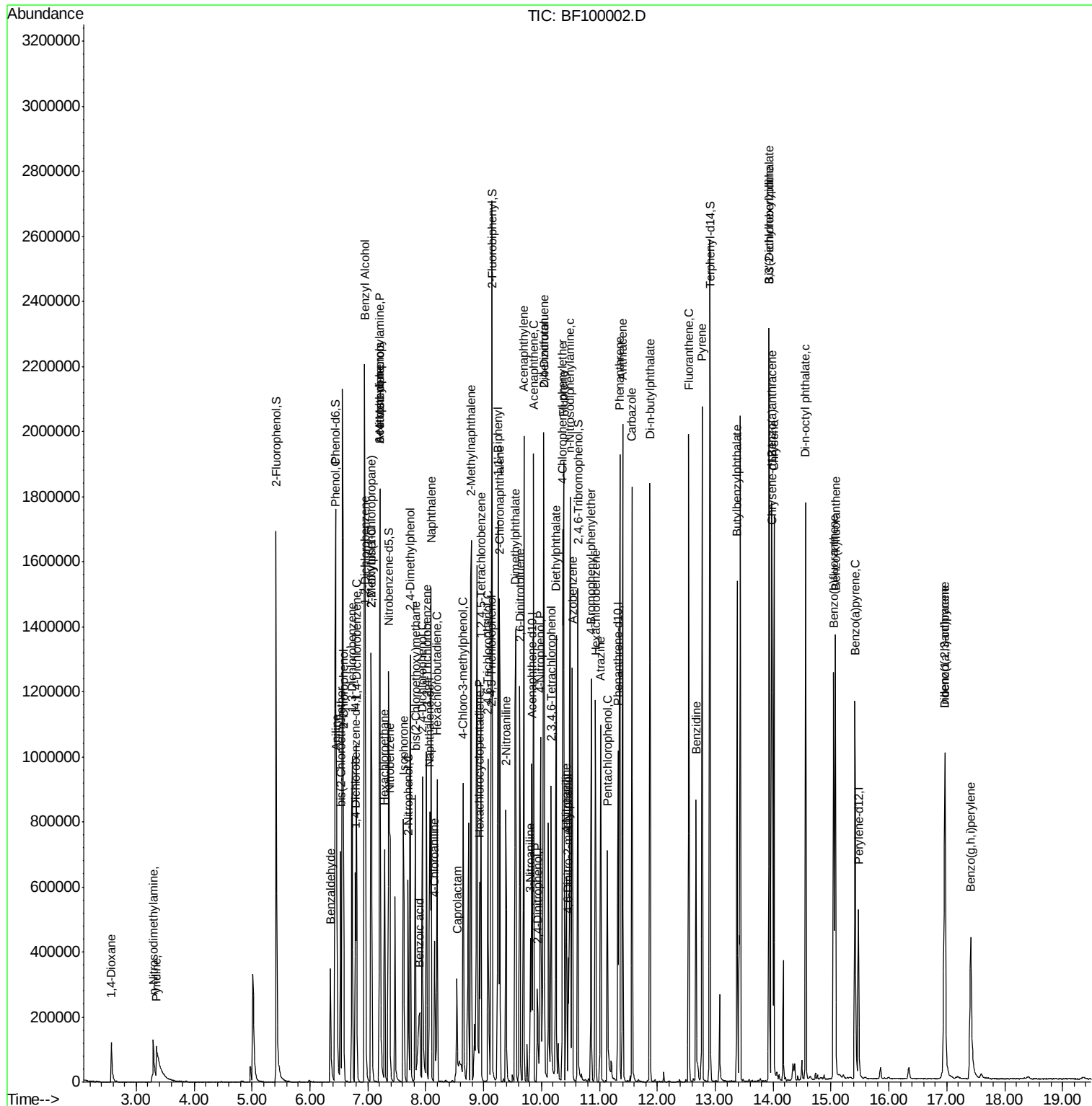
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\  
Data File : BF100002.D  
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Operator  : SJ/JU  
Sample    : PB103742BS  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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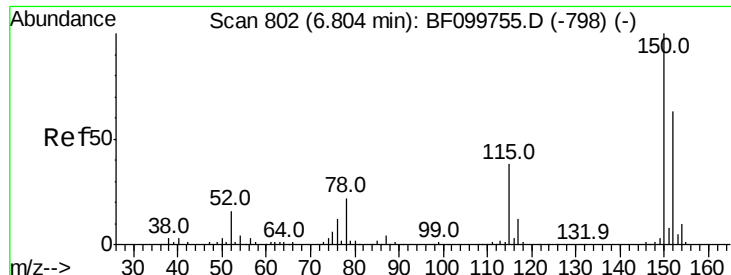
Instrument :
BNA_F
ClientSampleId :
PB103742BS

Manual Integrations APPROVED

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#1

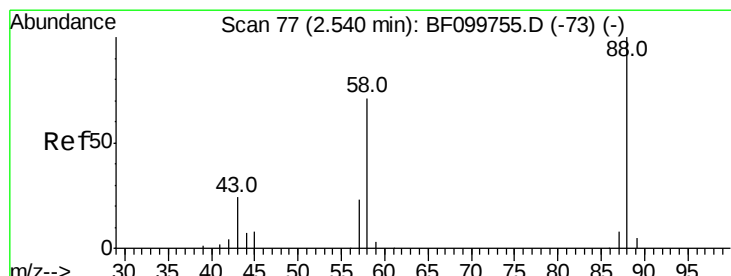
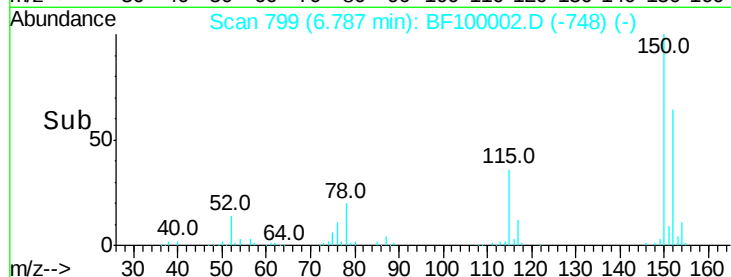
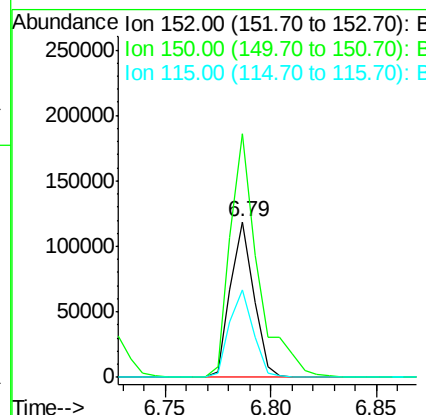
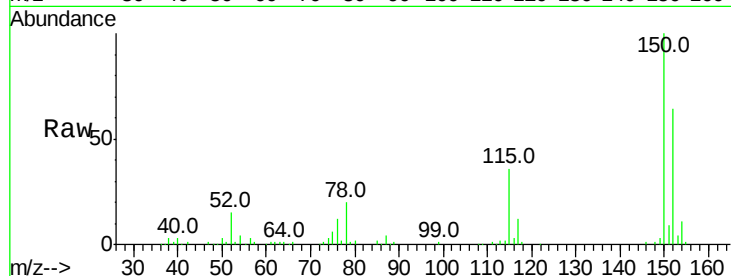
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	56.5	50.1	75.1

Manual Integrations
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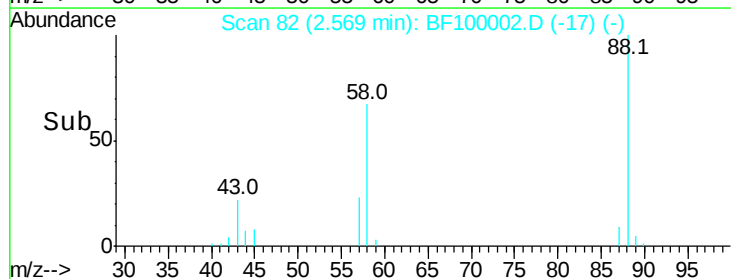
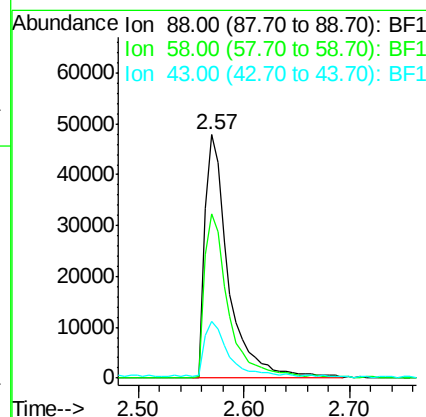
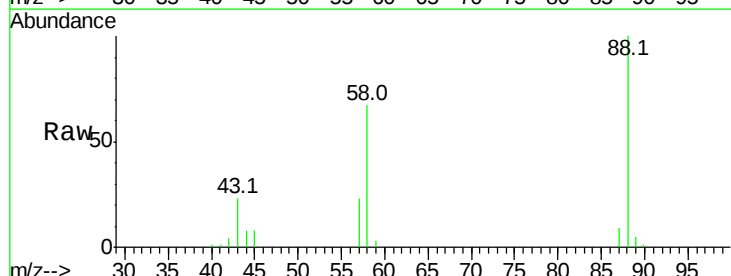
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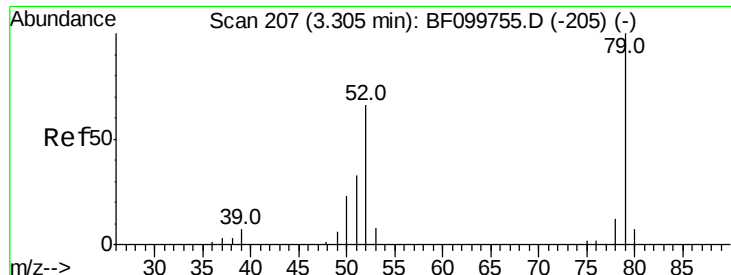


#2

1,4-Dioxane
Concen: 29.167 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.08 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	62.6	93.8
43	23.0	24.6	37.0#





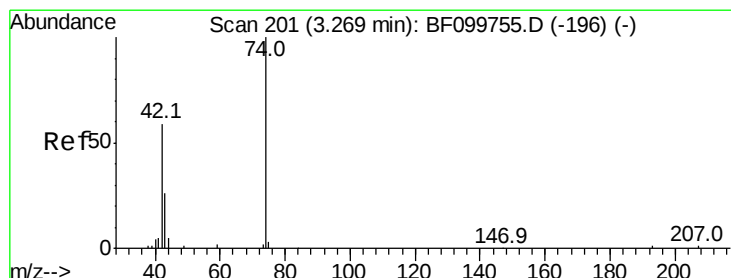
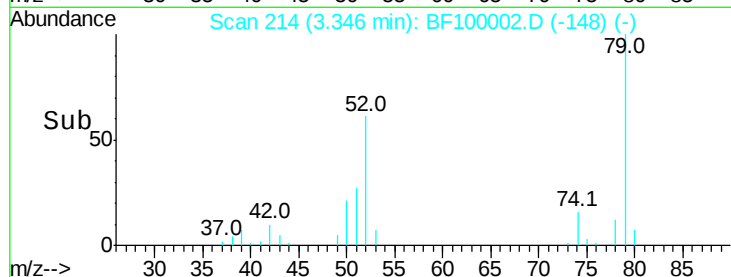
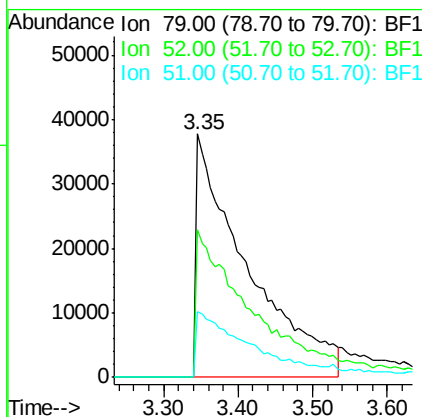
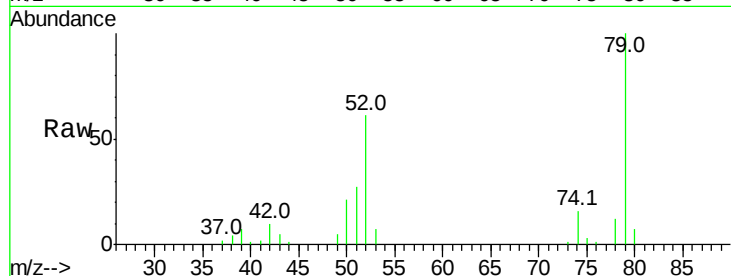
#3
 Pvridine
 Concen: 28.944 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampled :
 PB103742BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.5	59.8	89.6
51	27.0	29.8	44.8#

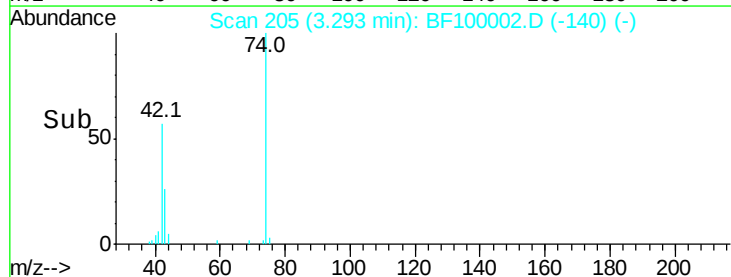
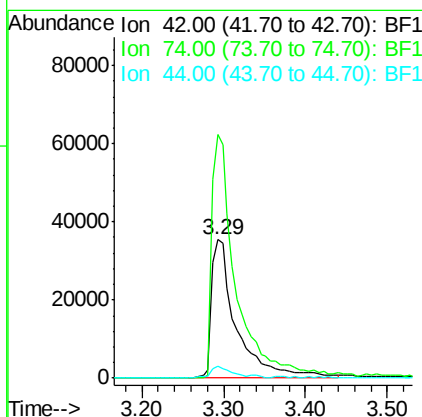
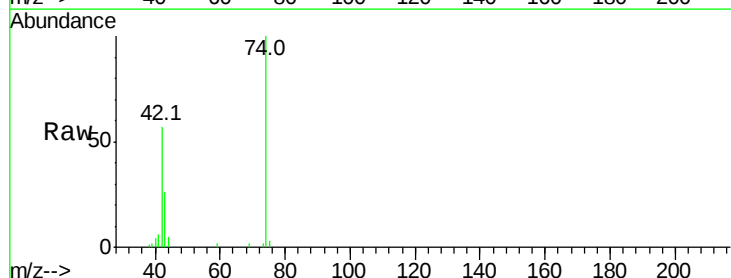
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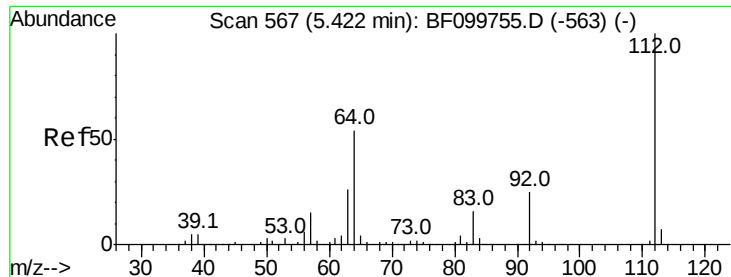
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#4
 n-Nitrosodimethylamine
 Concen: 34.142 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.08 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	175.9	104.9	157.3#
44	8.6	6.9	10.3





#5

2-Fluorophenol

Concen: 117.032 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

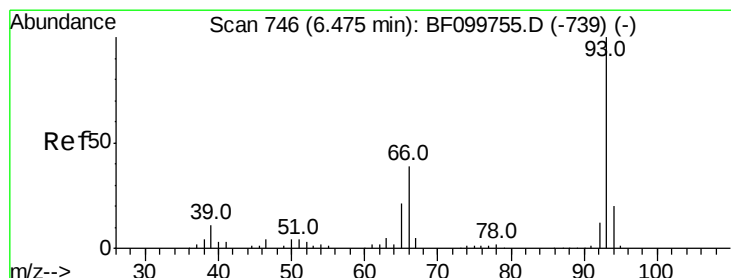
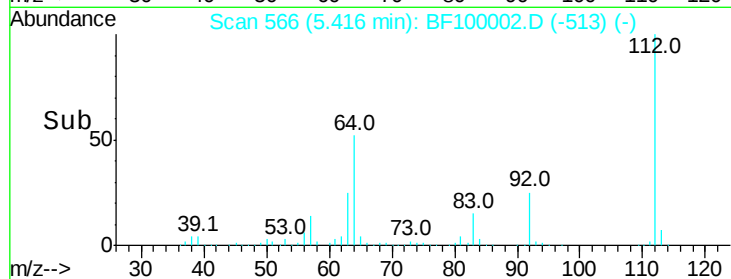
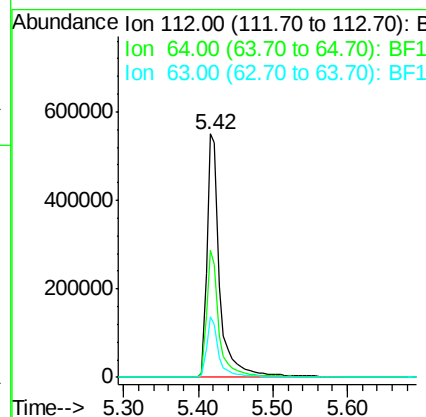
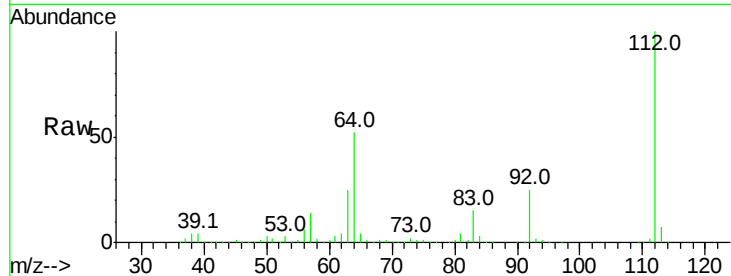
ClientSampled :

PB103742BS

Tot Ion:	112	Resp:	676200
Ion Ratio	Lower	Upper	
112	100		
64	52.1	47.9	71.9
63	25.1	23.7	35.5

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#6

Aniline

Concen: 25.942 ng

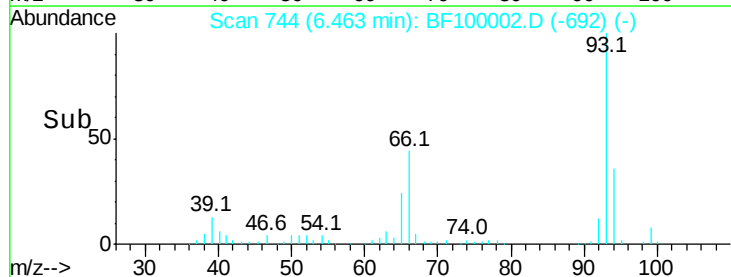
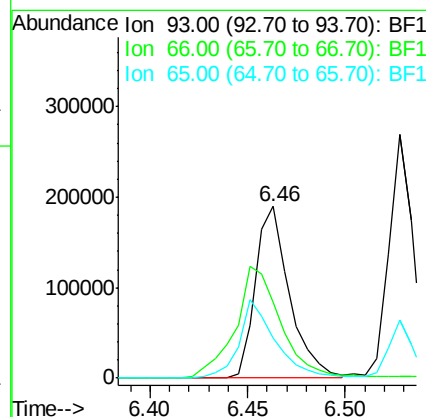
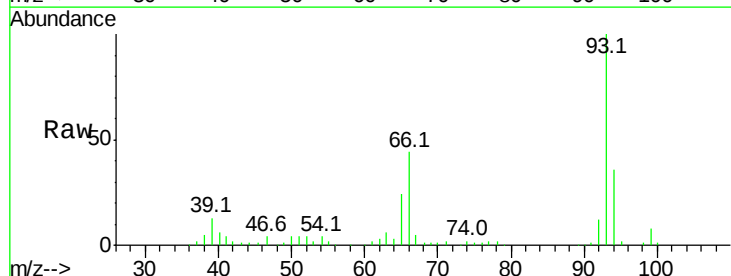
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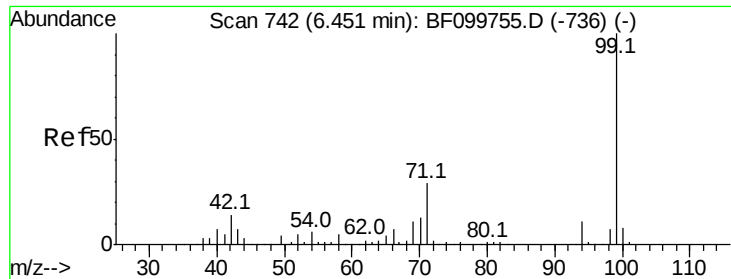
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	93	Resp:	230449
Ion Ratio	Lower	Upper	
93	100		
66	44.1	32.2	48.2
65	23.5	16.4	24.6





#7

Phenol-d6

Concen: 119.142 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

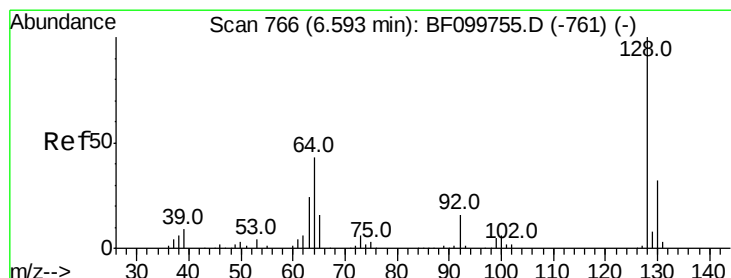
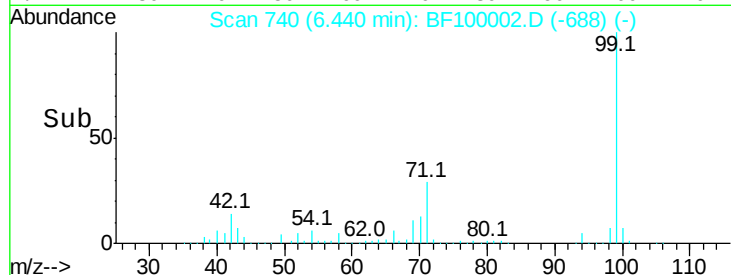
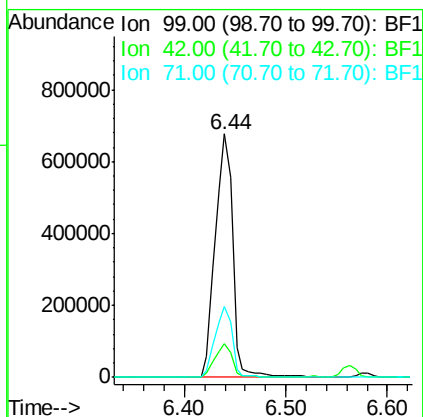
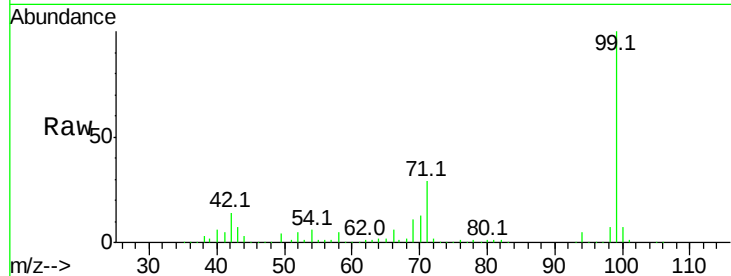
ClientSampled :

PB103742BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		816238		
42	13.7	14.5	21.7#		
71	28.9	25.4	38.0		

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#8

2-Chlorophenol

Concen: 41.281 ng

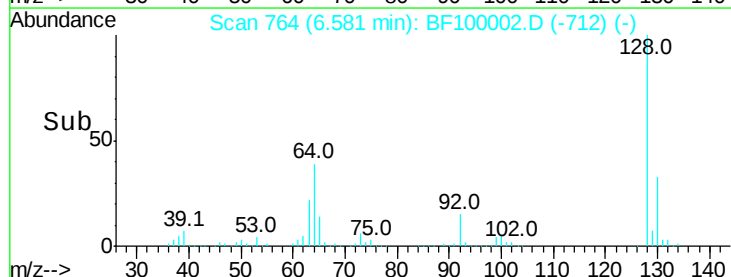
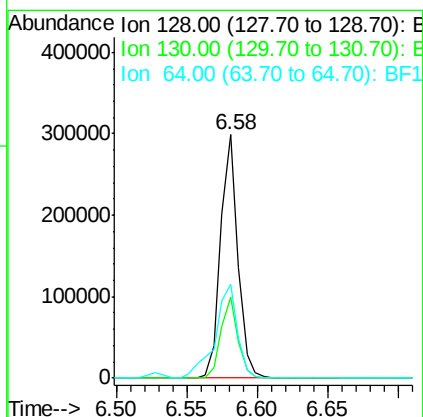
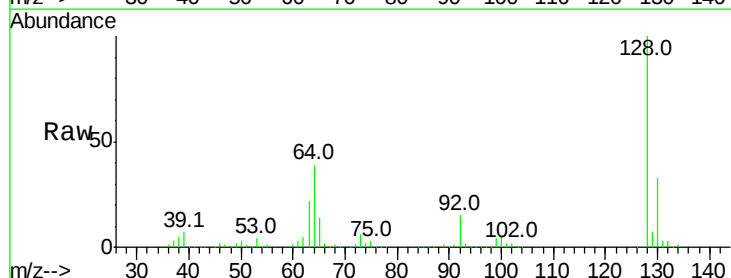
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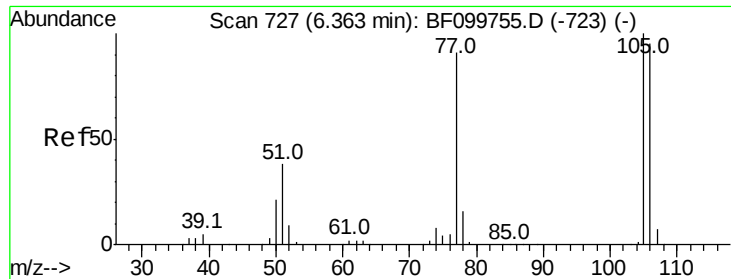
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		254208		
130	33.1	13.0	53.0		
64	38.8	29.4	69.4		





#9

Benzaldehyde

Concen: 23.961 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

PB103742BS

Tot Ion: 77 Resp: 98094

Ion Ratio Lower Upper

77 100

105 110.4 81.1 121.1

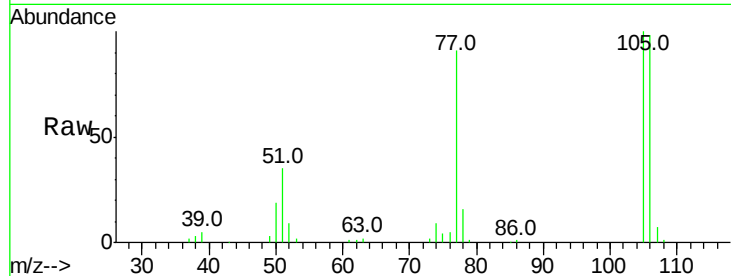
106 108.0 74.5 114.5

Manual Integrations

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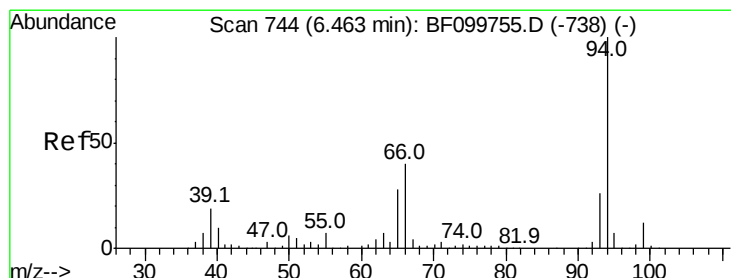
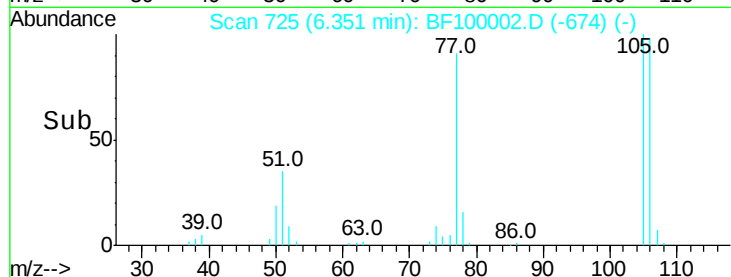
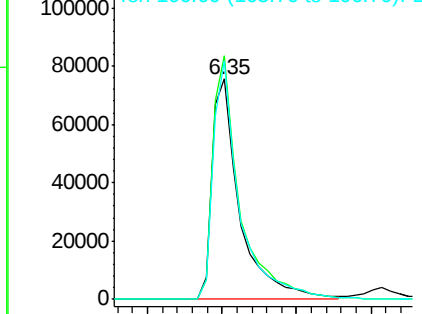
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.540 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

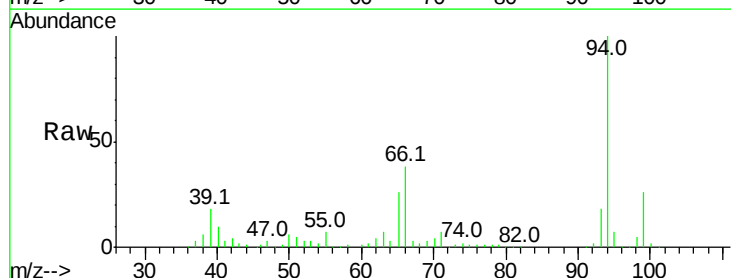
Tgt Ion: 94 Resp: 304942

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

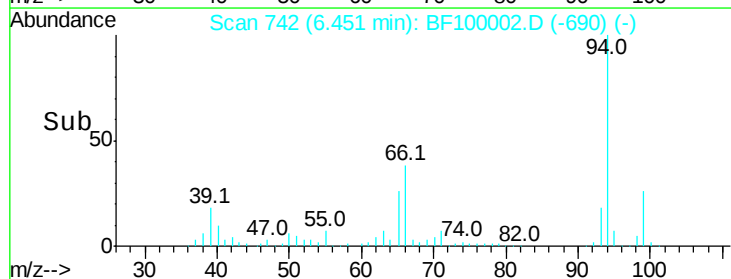
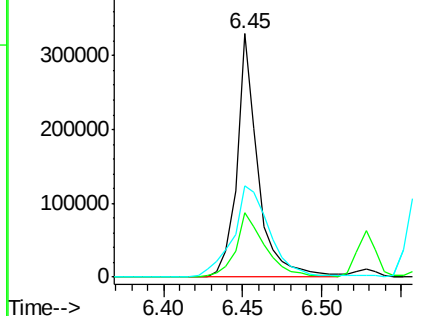
66 37.6 16.2 56.2

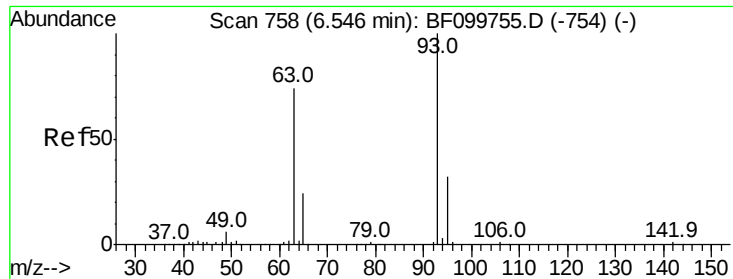


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

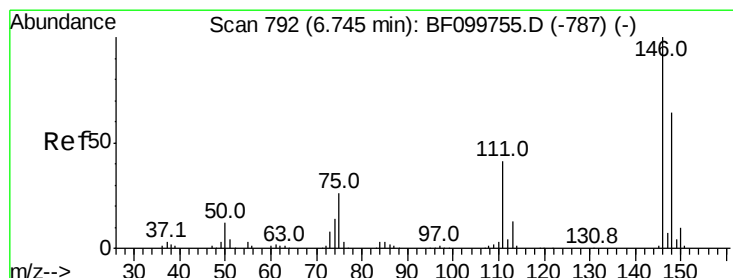
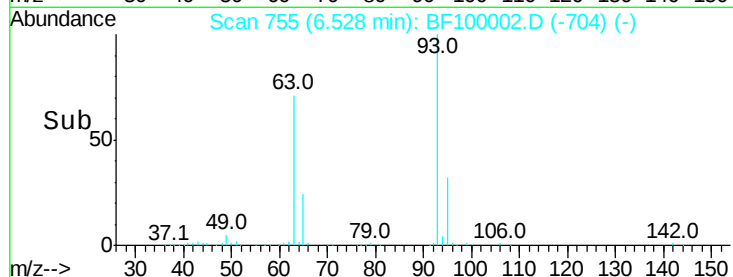
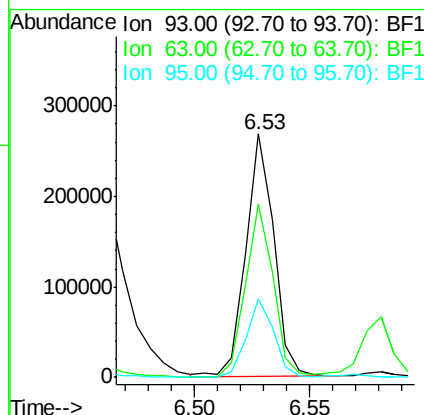
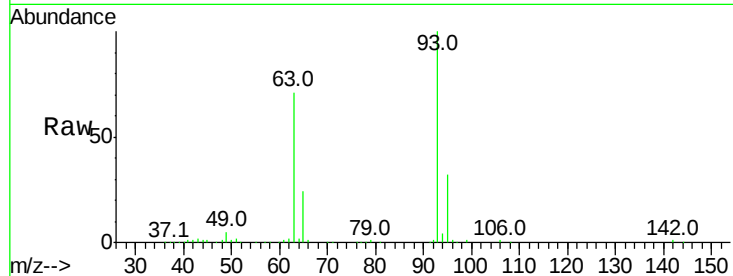
bis(2-Chloroethyl)ether
 Concen: 38.994 ng
 RT: 6.53 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	93	Resp	226502
Ion Ratio	100	Lower	Upper
93	100		
63	71.3	58.6	98.6
95	32.2	11.8	51.8

Manual Integrations
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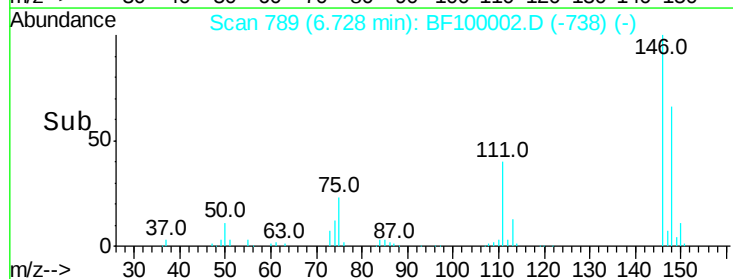
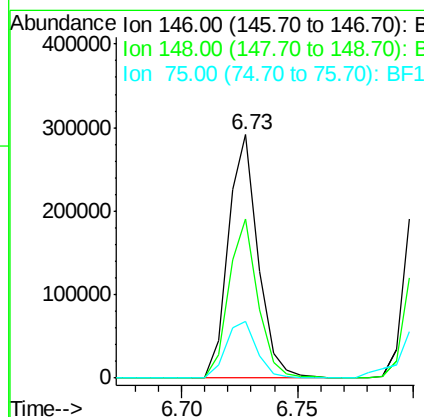
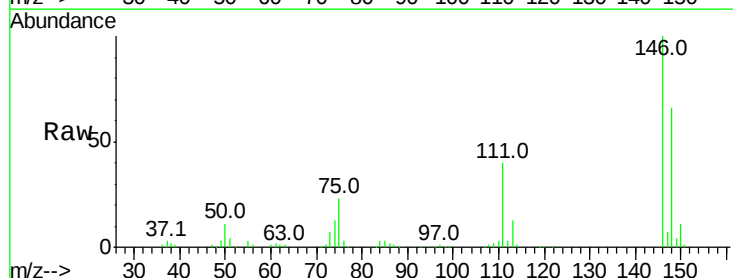
Sohil
 11/1/2017 2:37:39 PM

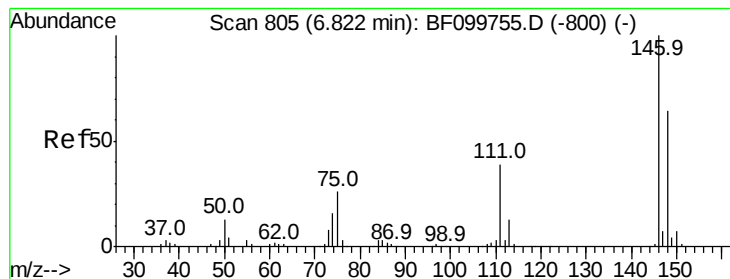


#12

1,3-Dichlorobenzene
 Concen: 37.544 ng m
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	146	Resp	259592
Ion Ratio	100	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	23.2	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 38.046 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

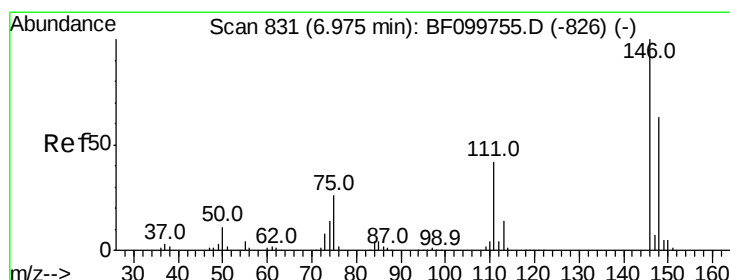
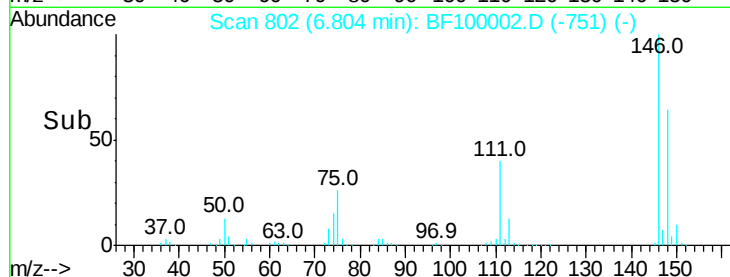
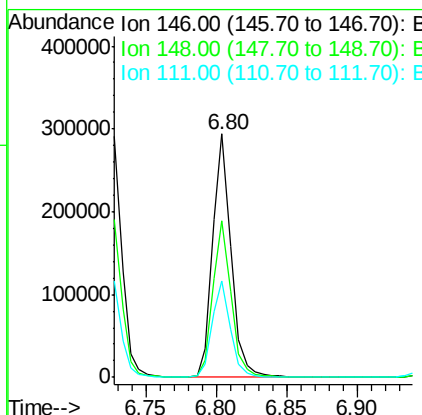
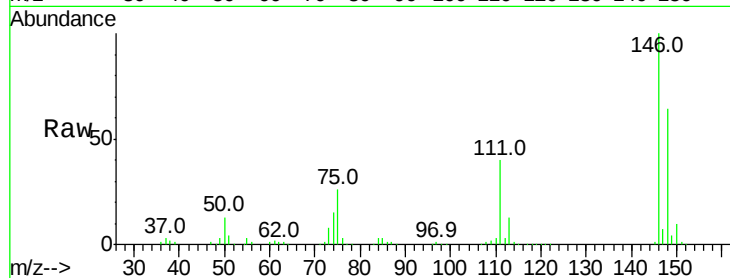
ClientSampleId :

PB103742BS

Tot Ion:	146	Resp:	266989
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	39.5	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.671 ng

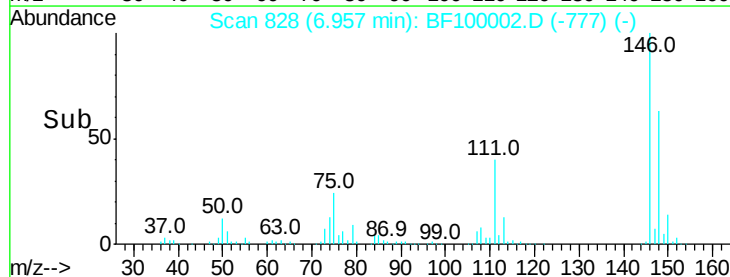
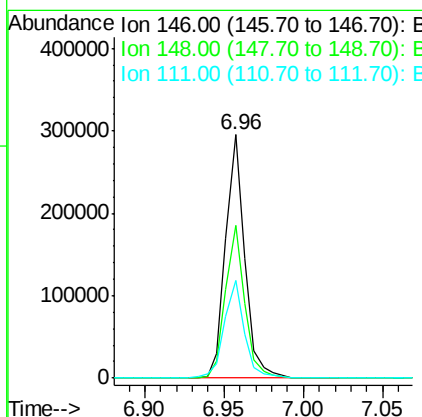
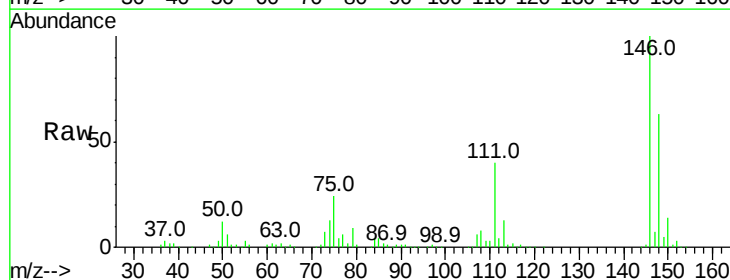
RT: 6.96 min Scan# 828

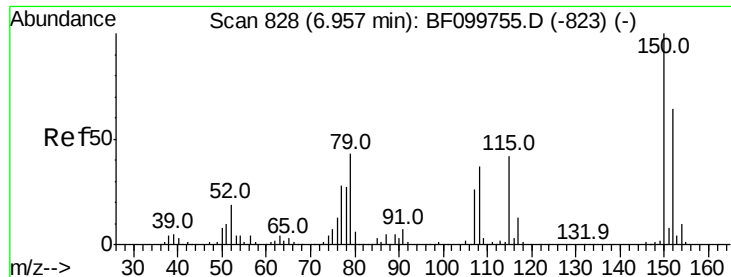
Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	146	Resp:	247322
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.6	75.8
111	40.0	36.0	54.0





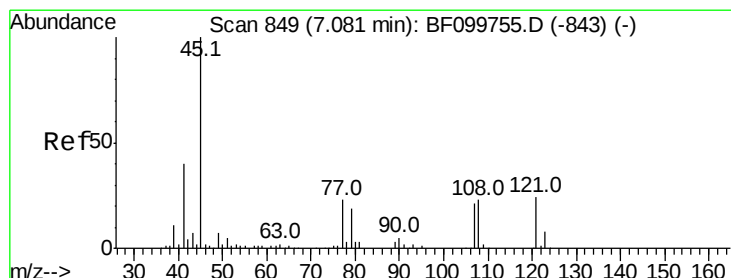
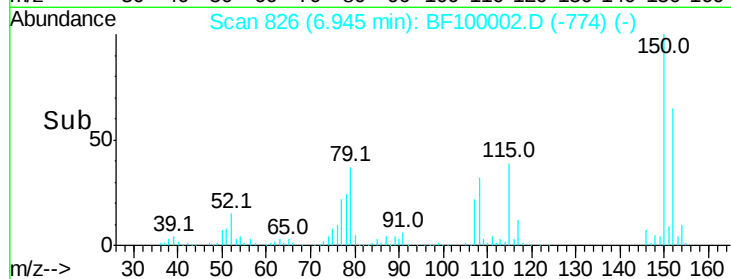
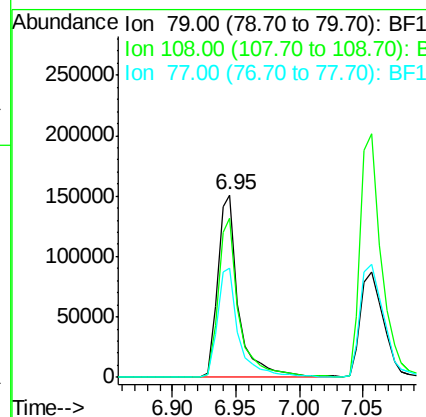
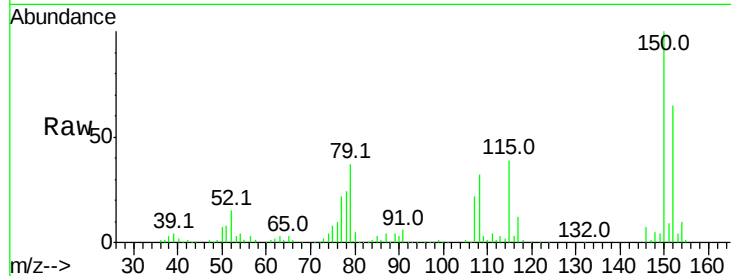
#15
Benzyl Alcohol
Concen: 40.422 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampled :
PB103742BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.5	65.1	97.7
77	60.2	50.6	75.8

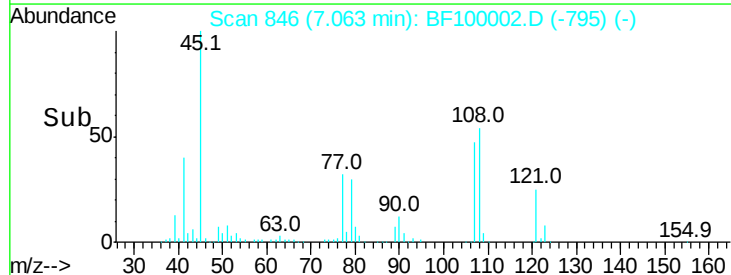
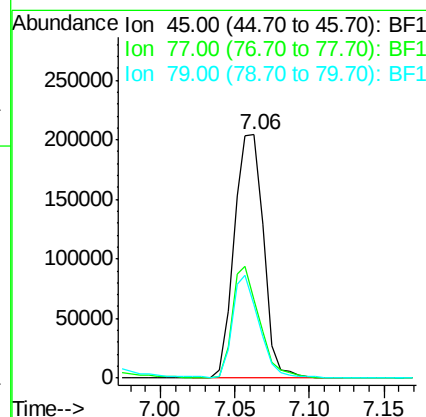
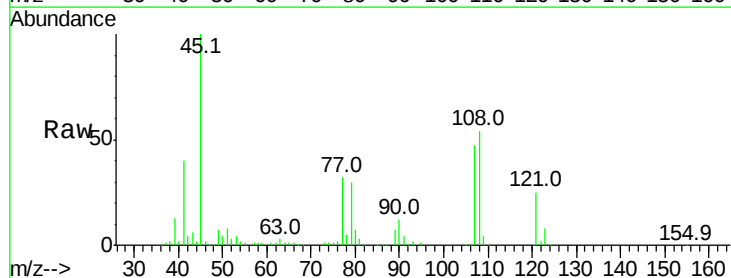
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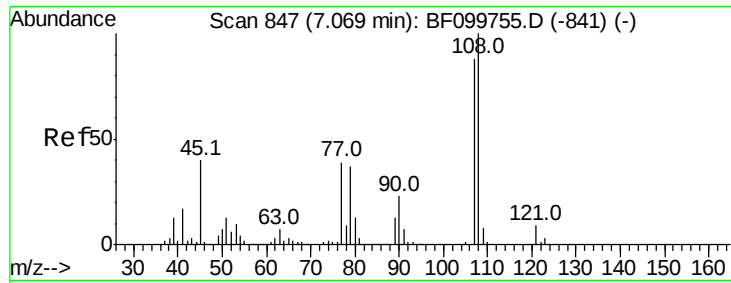
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.550 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.2	0.0	32.9
79	30.2	0.0	29.6#





#17

2-Methylphenol

Concen: 39.505 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

PB103742BS

Tot Ion:107 Resp: 203492
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

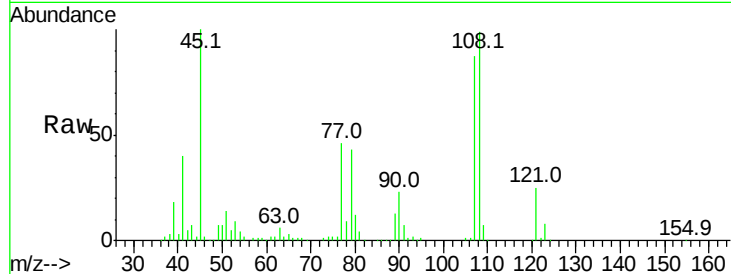
77 52.8 33.8 50.8#

79 49.1 33.8 50.8

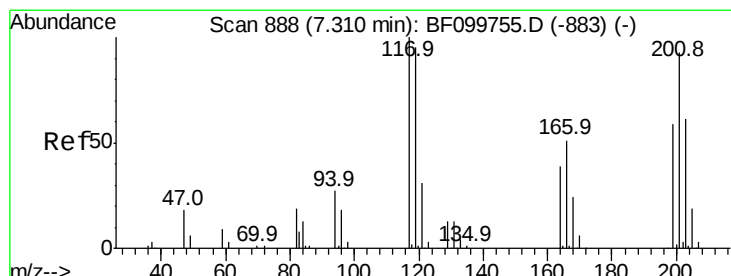
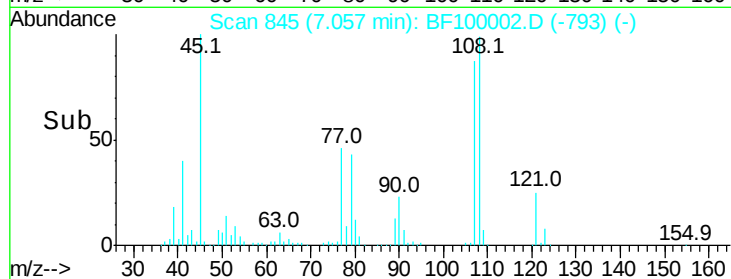
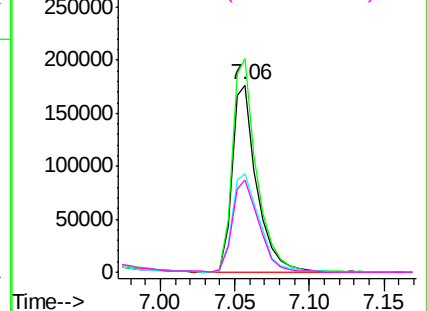
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.499 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100002.D

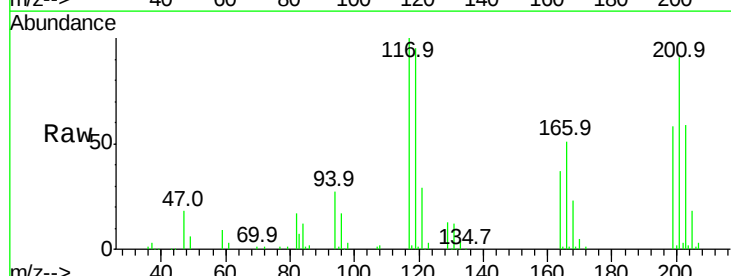
Acq: 31 Oct 2017 14:58

Tgt Ion:117 Resp: 87792
Ion Ratio Lower Upper

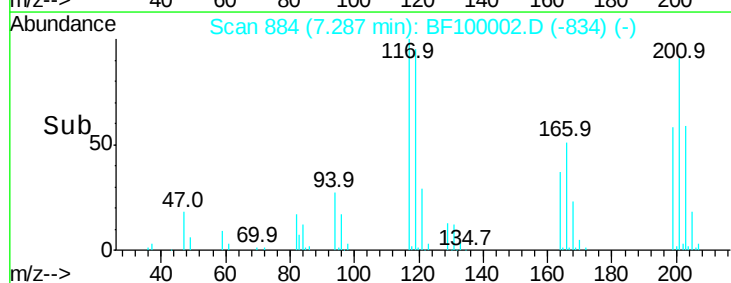
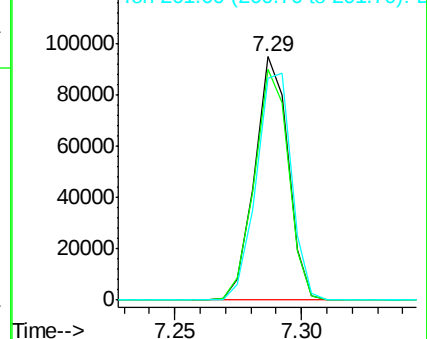
117 100

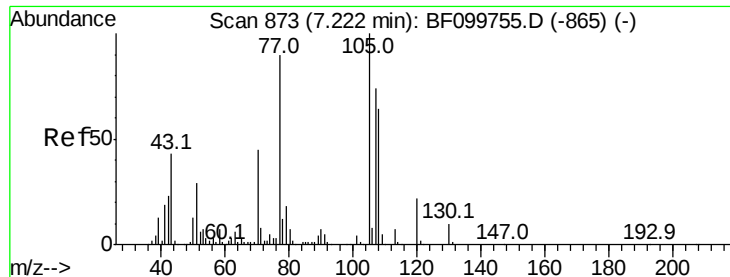
119 94.8 75.8 113.8

201 91.1 75.7 113.5



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





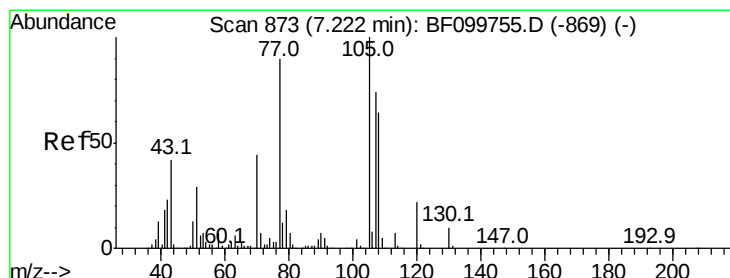
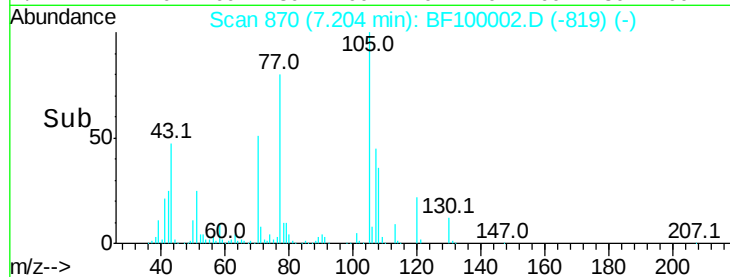
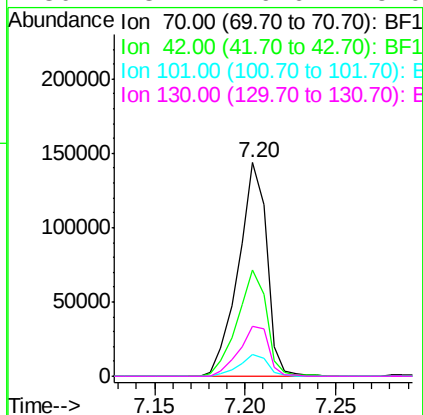
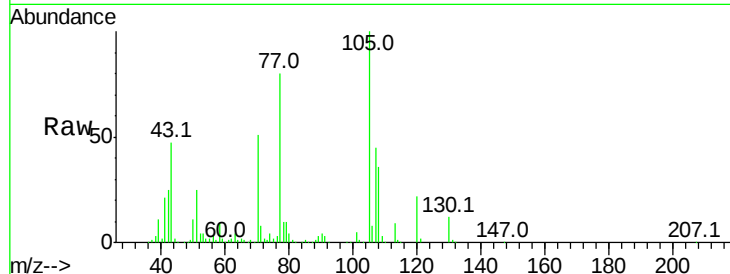
#19
n-Nitroso-di-n-propylamine
Concen: 39.057 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.6	47.5	71.3	
101	10.3	7.4	11.2	
130	23.4	16.6	25.0	

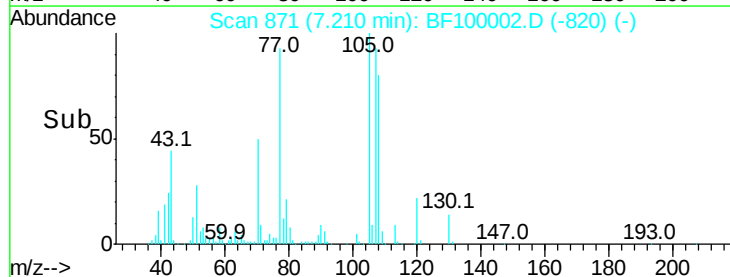
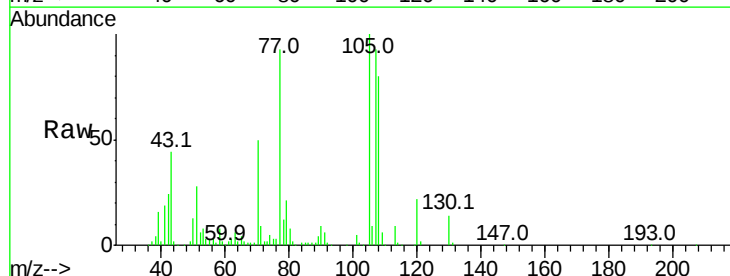
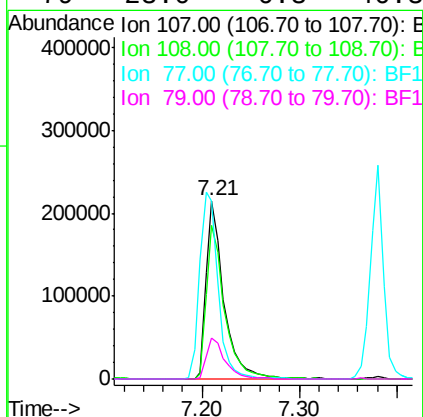
Manual Integrations
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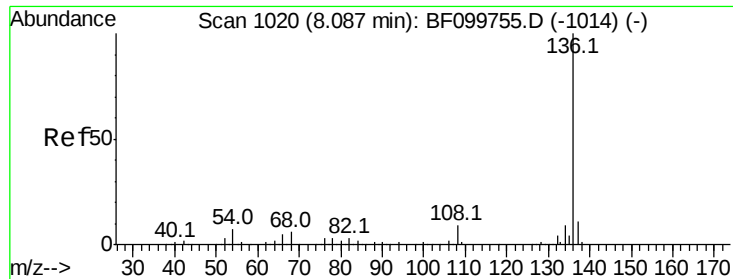
Sohil
11/1/2017 2:37:39 PM



#20
3+4-Methylphenols
Concen: 45.328 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	68.2	108.2	
77	99.6	26.7	66.7#	
79	23.0	6.3	46.3	





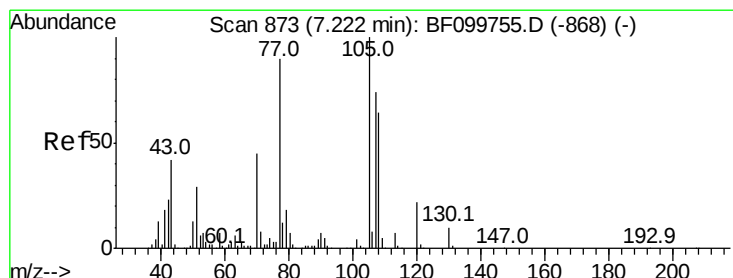
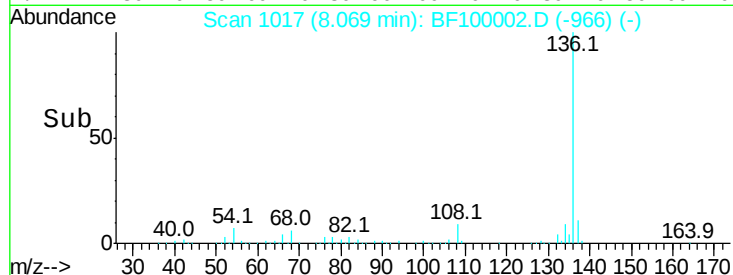
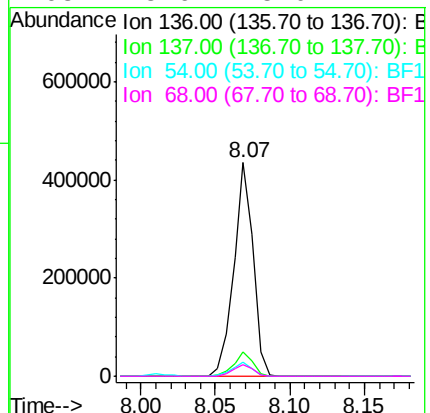
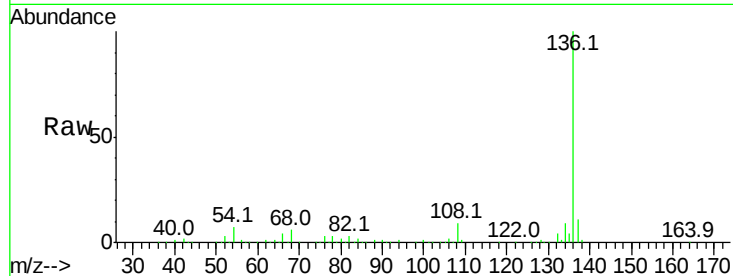
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	6.6	6.6	9.8	
68	5.6	5.0	7.4	

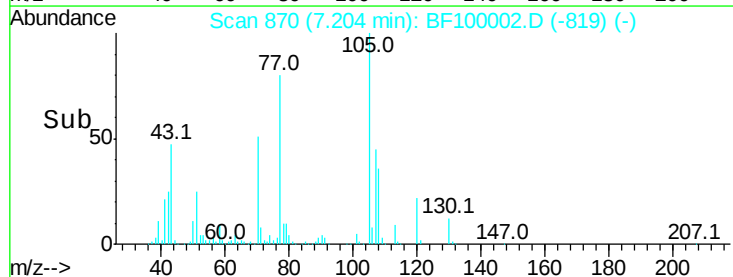
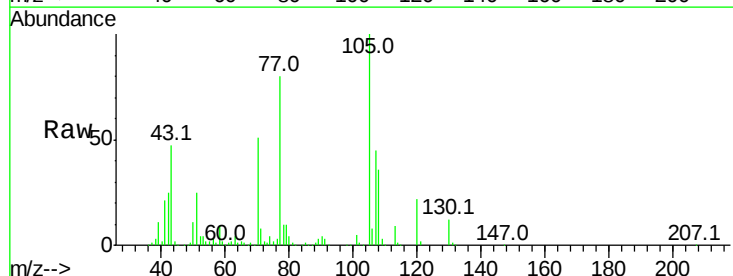
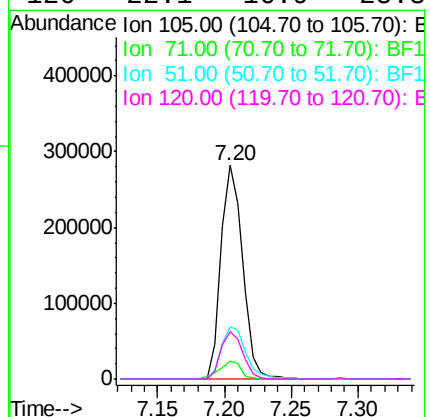
Manual Integrations
APPROVED

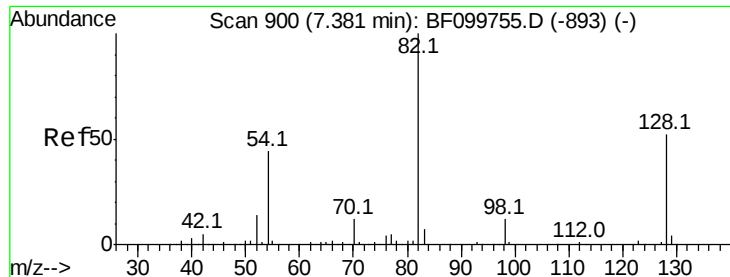
Sohil
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#22
Acetophenone
Concen: 36.024 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6#	
51	24.8	22.3	33.5	
120	22.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 75.480 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

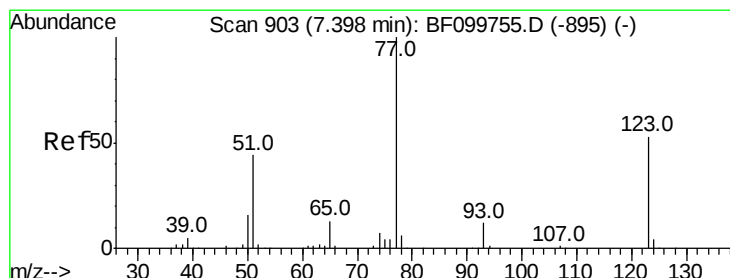
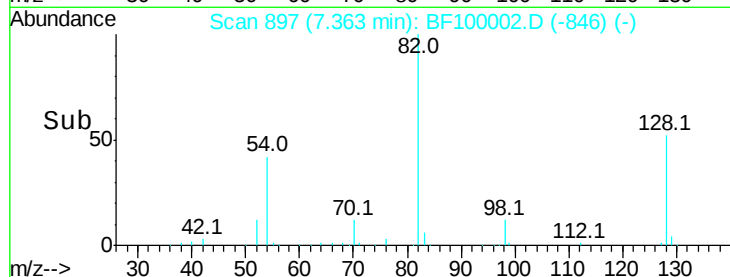
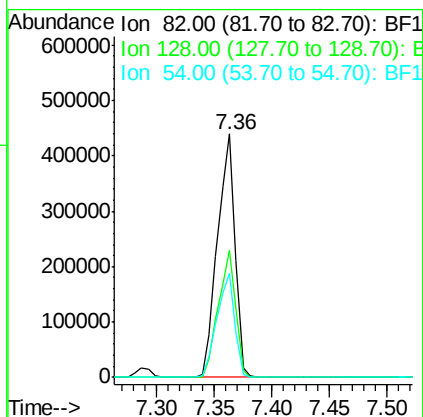
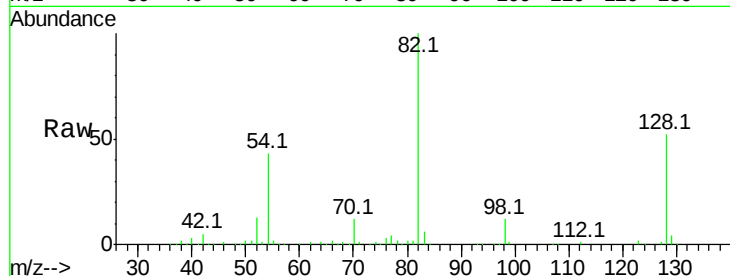
ClientSampleId :

PB103742BS

Tot Ion:	82	Resp:	466612
Ion Ratio	Lower	Upper	
82	100		
128	52.1	36.1	54.1
54	43.0	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 38.430 ng

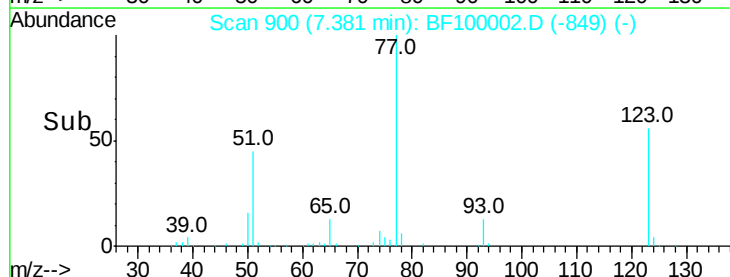
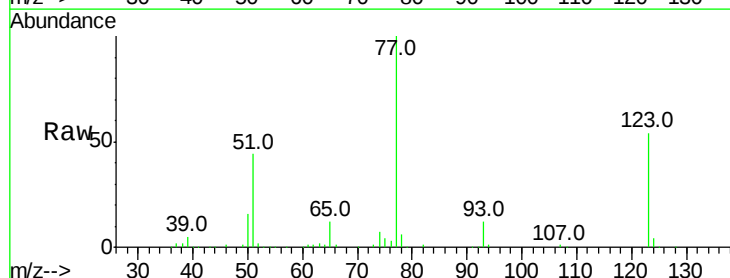
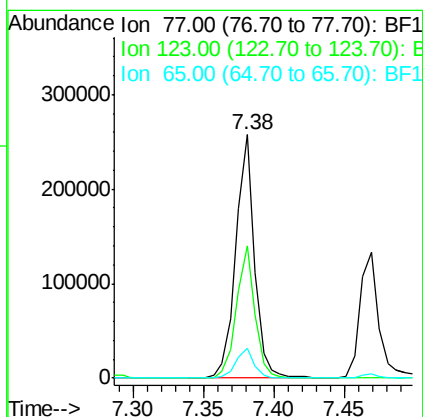
RT: 7.38 min Scan# 900

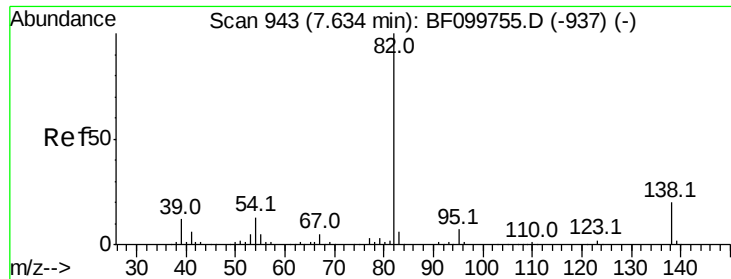
Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	77	Resp:	239373
Ion Ratio	Lower	Upper	
77	100		
123	54.5	37.9	56.9
65	12.5	11.0	16.4





#25

Isophorone

Concen: 42.205 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

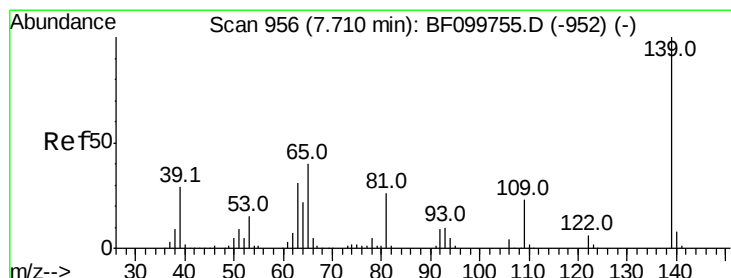
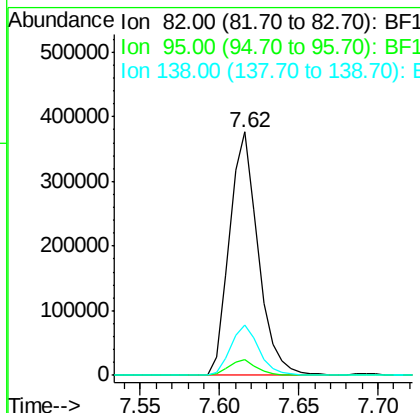
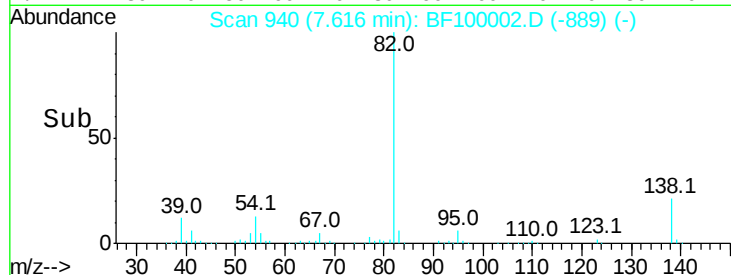
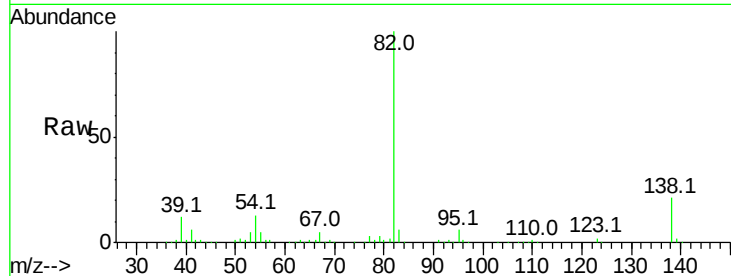
ClientSampleId :

PB103742BS

Tot Ion:	82	Resp:	473443
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	20.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.581 ng

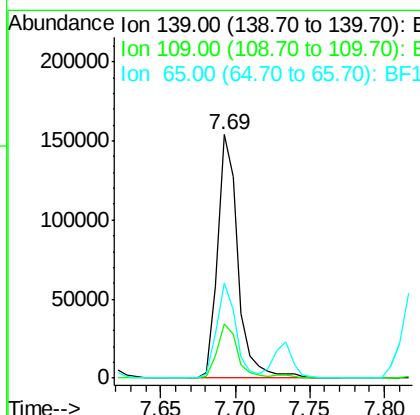
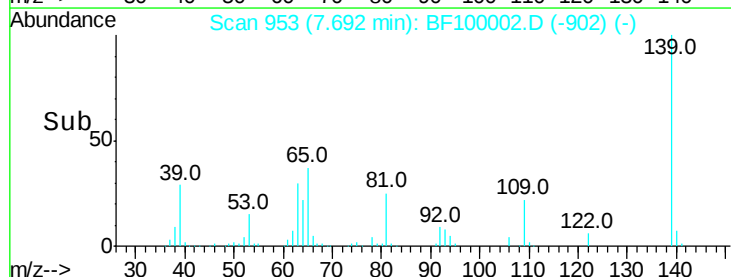
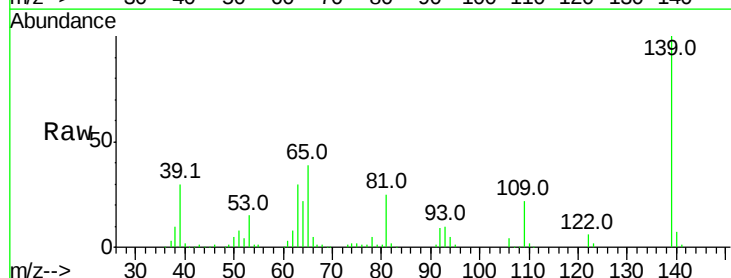
RT: 7.69 min Scan# 953

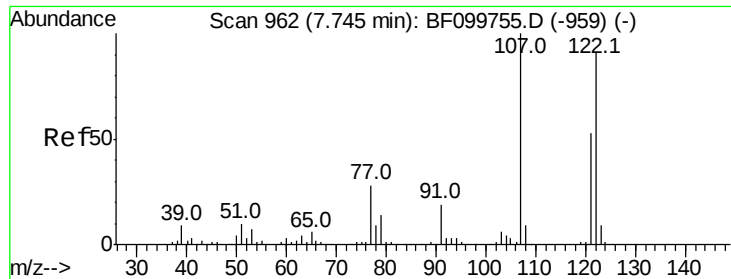
Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	139	Resp:	148345
Ion Ratio	Lower	Upper	
139	100		
109	22.3	22.7	34.1#
65	39.0	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 46.030 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

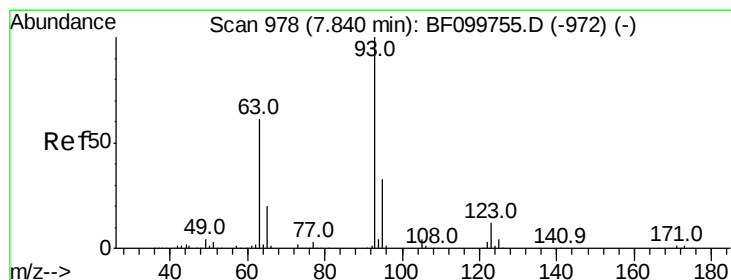
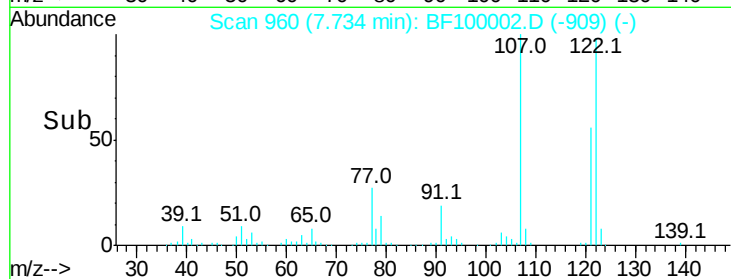
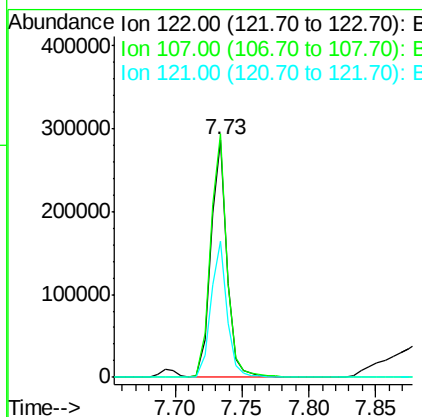
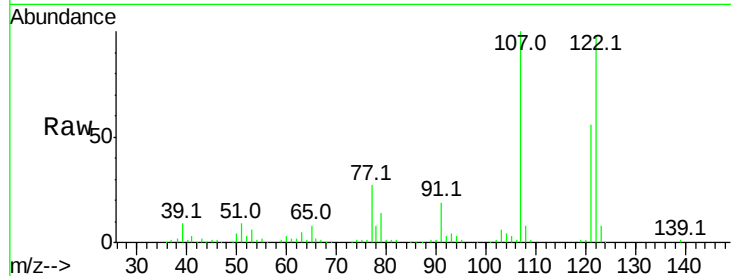
ClientSampleId :

PB103742BS

Tot Ion:	122	Resp:	241956
Ion Ratio	Lower	Upper	
122	100		
107	102.5	91.2	136.8
121	57.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.780 ng

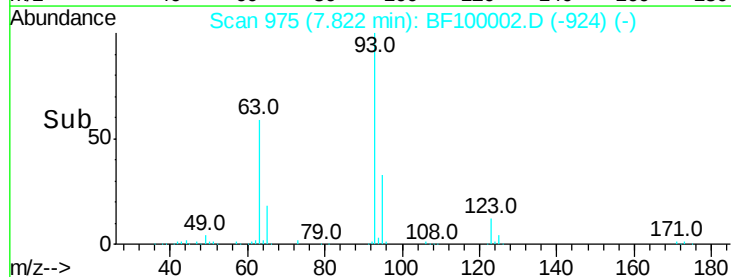
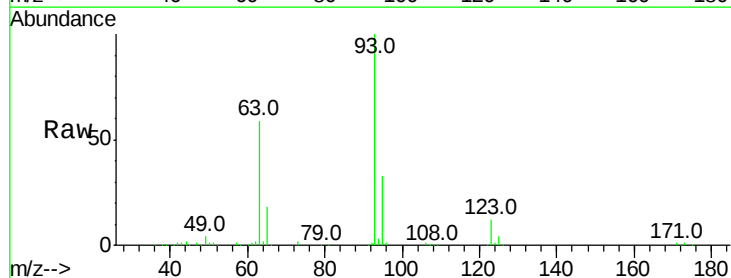
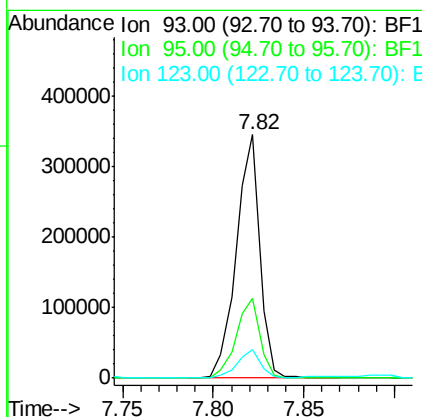
RT: 7.82 min Scan# 975

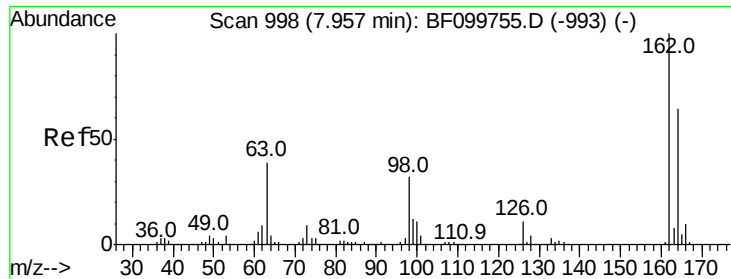
Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	93	Resp:	312514
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.7	9.8	14.6





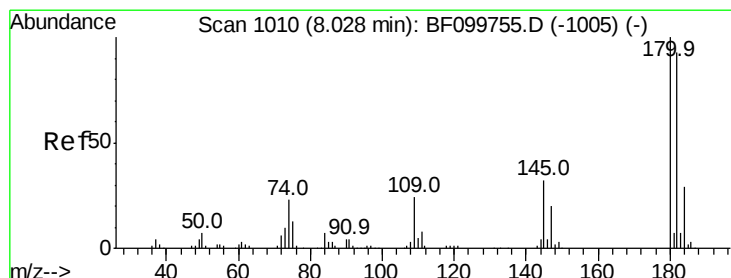
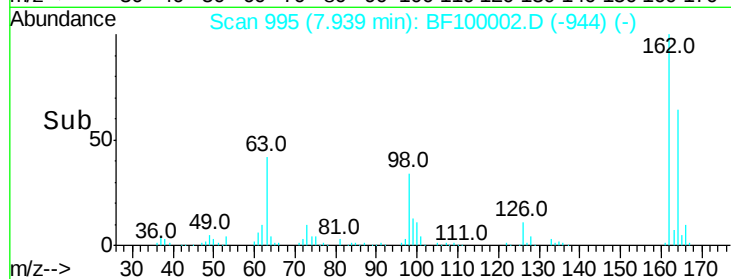
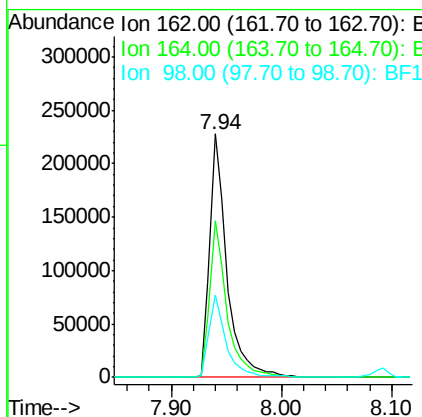
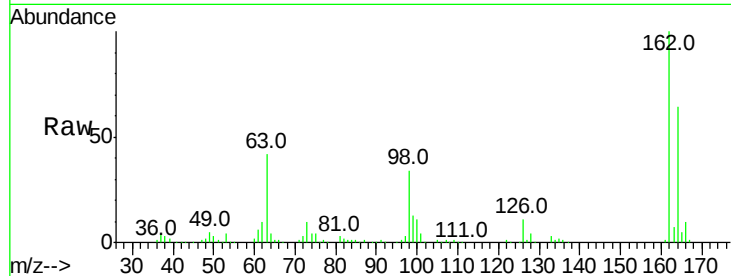
#29
2,4-Dichlorophenol
Concen: 44.288 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	241840		
164	64.1	42.7	82.7	
98	34.0	18.1	58.1	

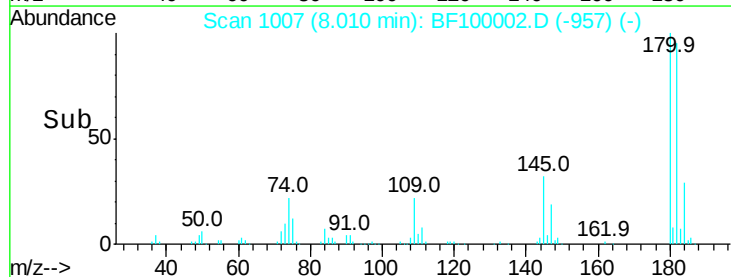
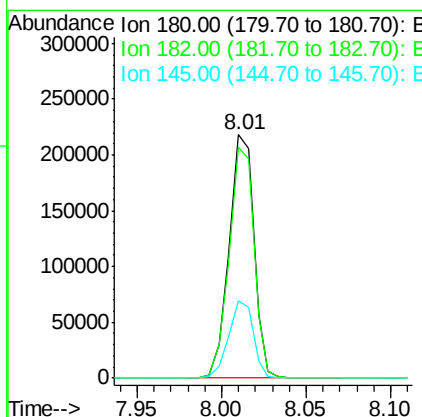
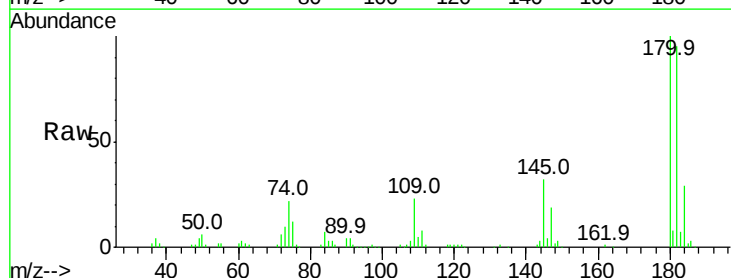
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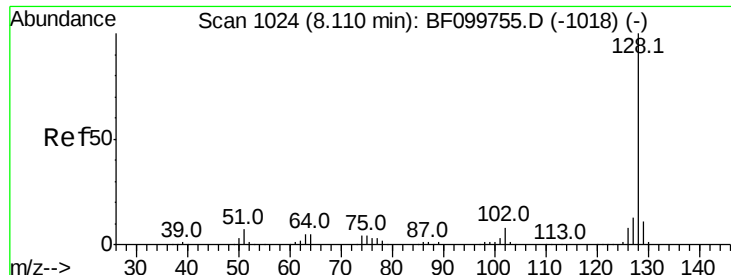
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.147 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222568		
182	94.8	76.8	115.2	
145	31.5	26.5	39.7	





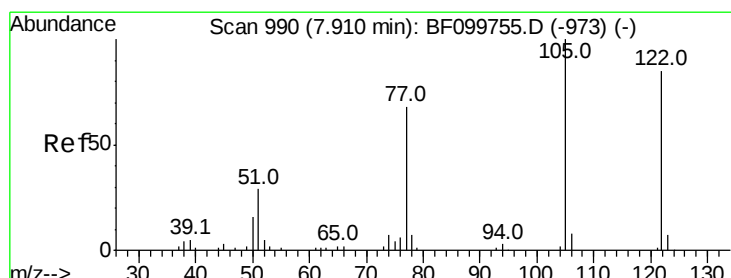
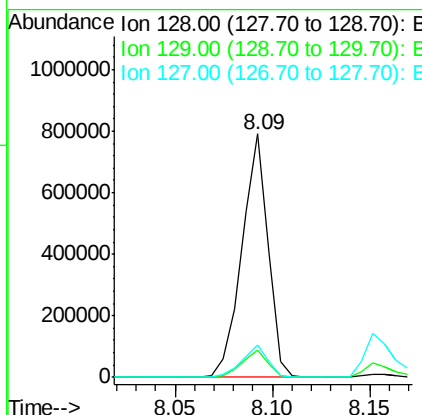
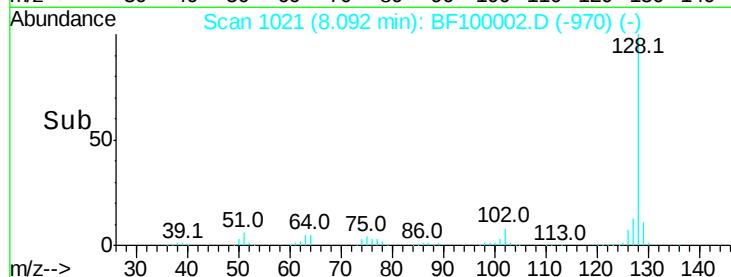
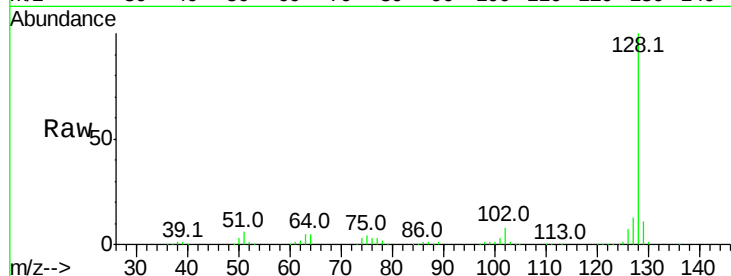
#31
Naphthalene
Concen: 38.341 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.8	13.2
127	13.3	10.9	16.3

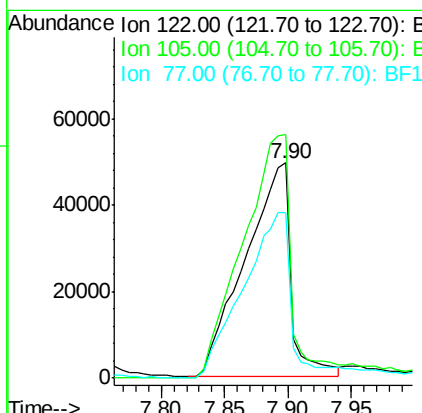
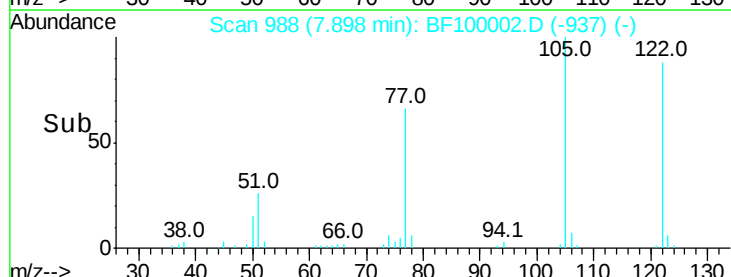
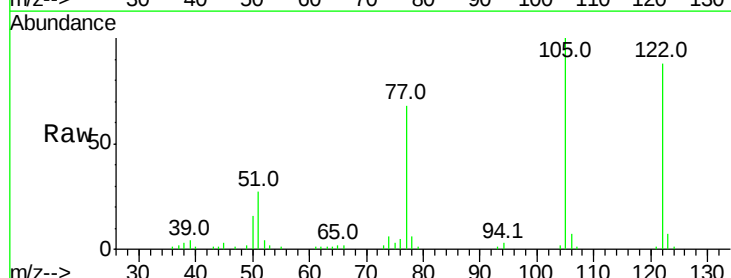
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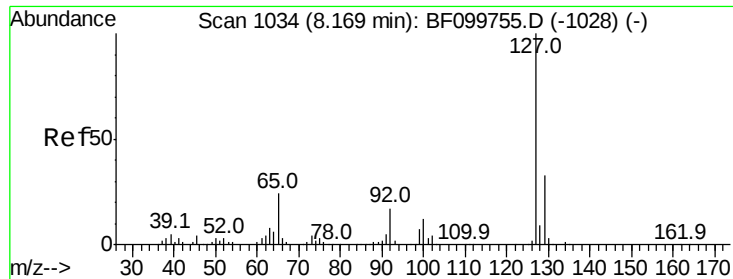
Sohil
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#32
Benzoic acid
Concen: 26.842 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	113.3	101.1	141.1
77	77.1	70.7	110.7





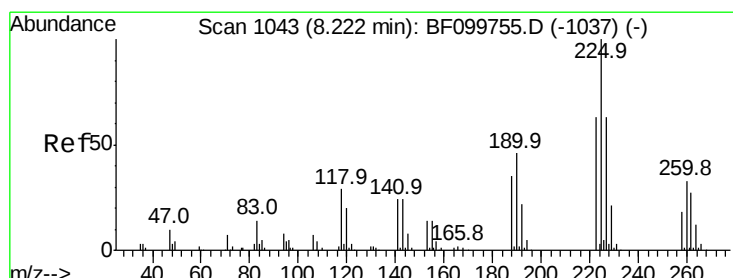
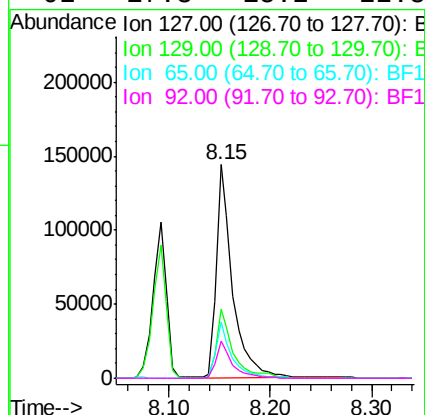
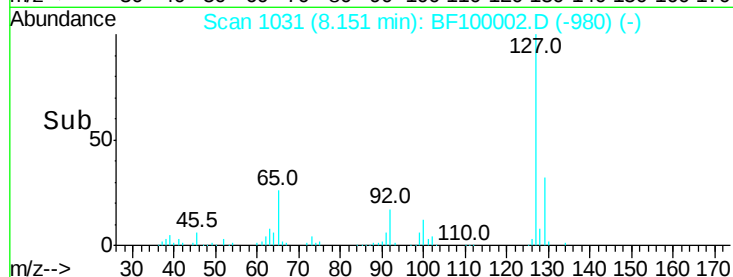
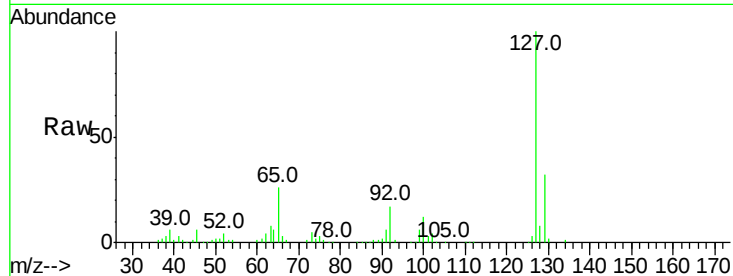
#33
4-Chloroaniline
Concen: 20.227 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	26.4	25.0	37.4		
92	17.3	15.2	22.8		

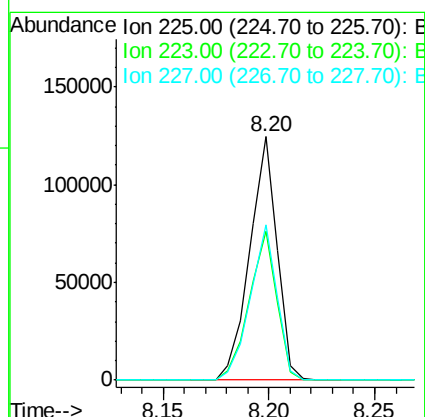
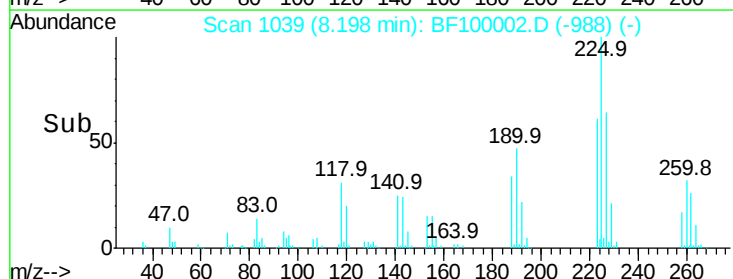
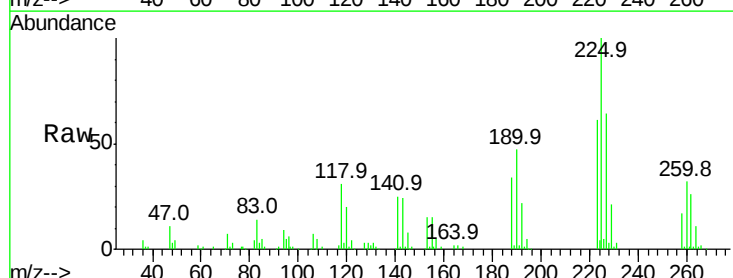
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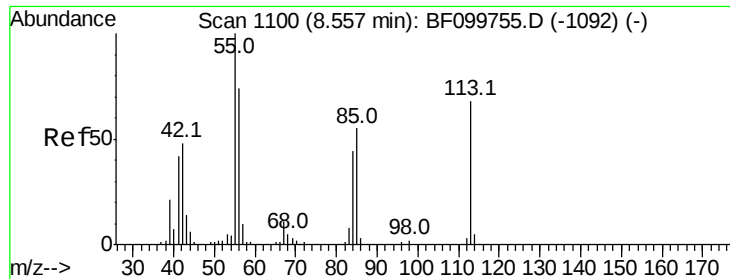
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#34
Hexachlorobutadiene
Concen: 37.330 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	50.6	76.0		
227	63.8	51.9	77.9		





#35

Caprolactam

Concen: 44.691 ng/mL

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleID :

PB103742BS

Tot Ion:113 Resp: 76744

Ion Ratio Lower Upper

113 100

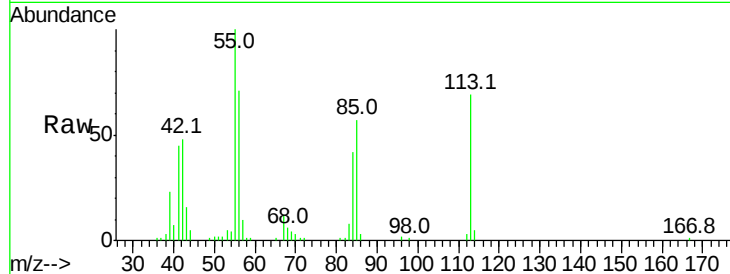
55 145.3 163.3 203.3#

56 103.4 115.7 155.7#

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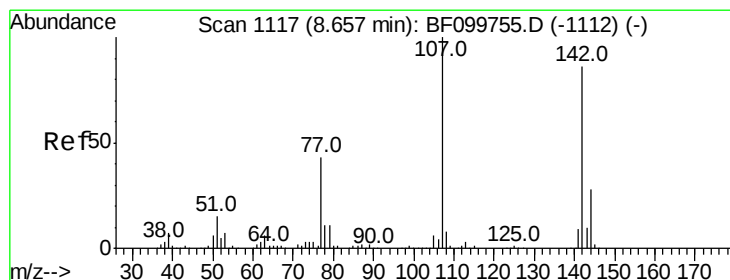
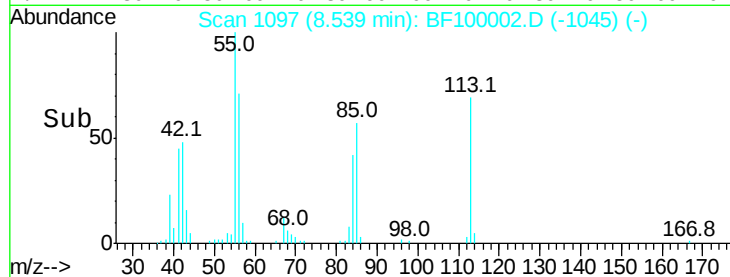
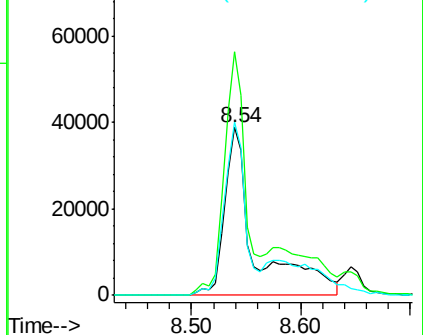
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.337 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

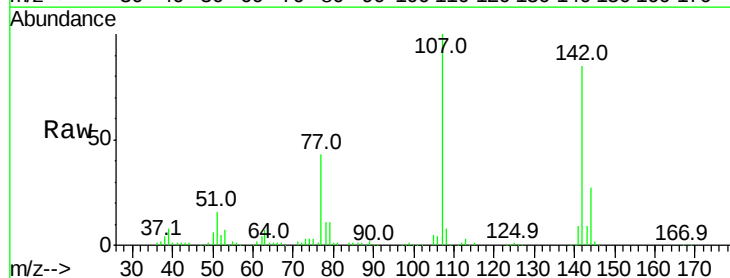
Tgt Ion:107 Resp: 241542

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

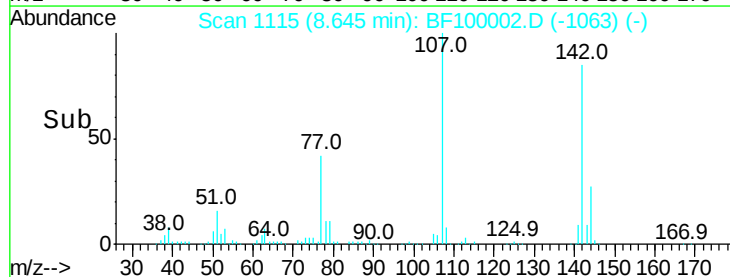
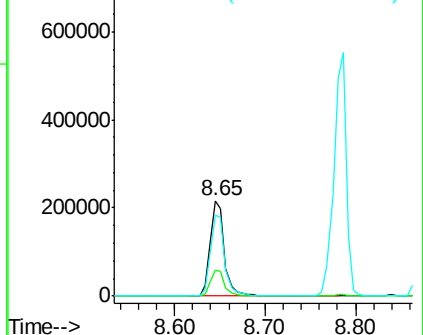
142 85.3 62.0 93.0

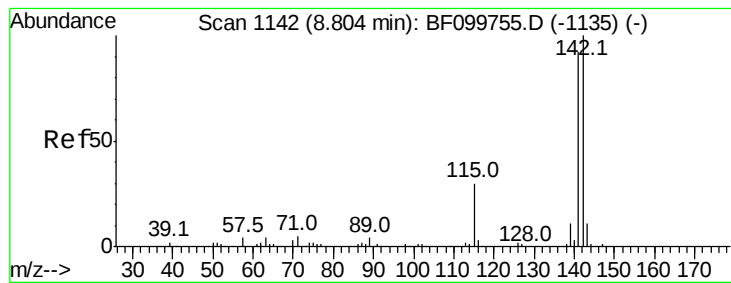


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





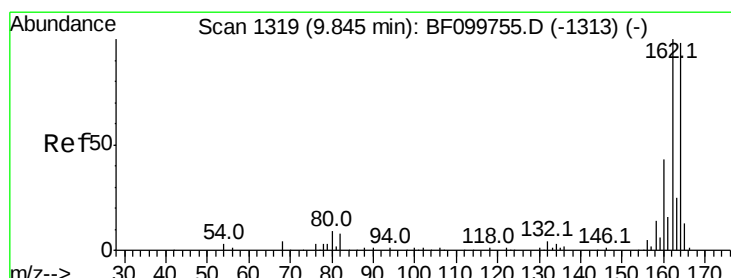
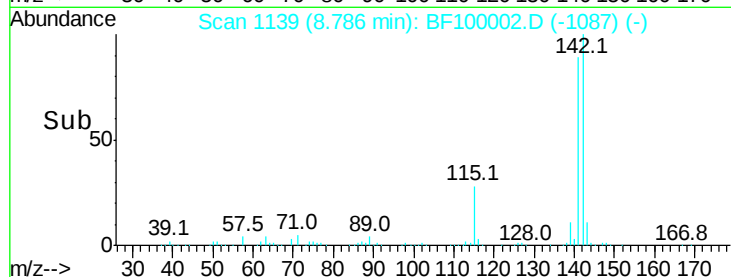
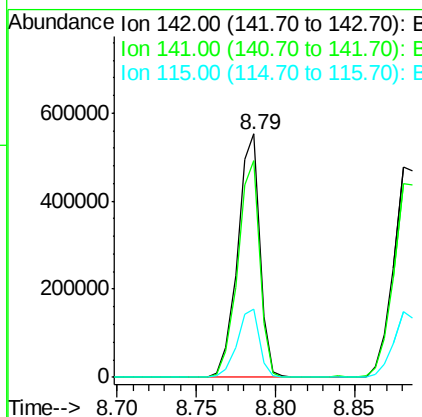
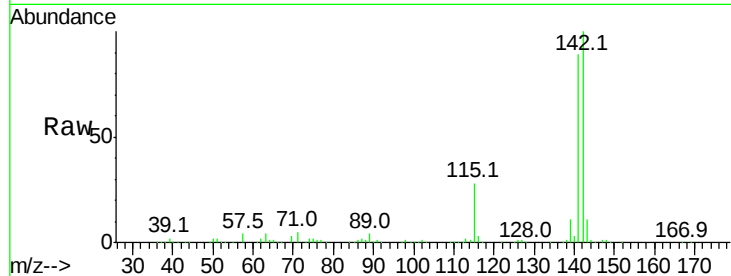
#37
 2-Methylnaphthalene
 Concen: 41.348 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	532337		
141	89.0		70.8	106.2
115	28.0		26.1	39.1

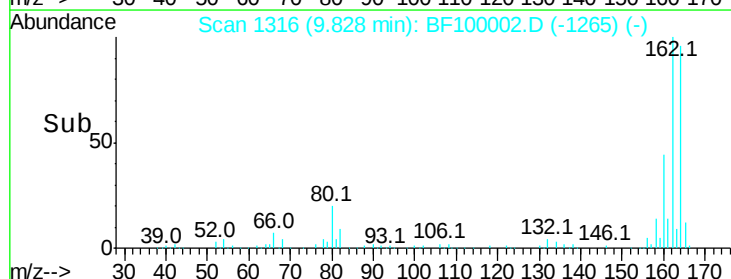
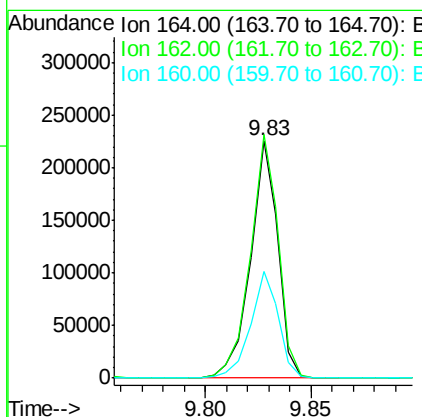
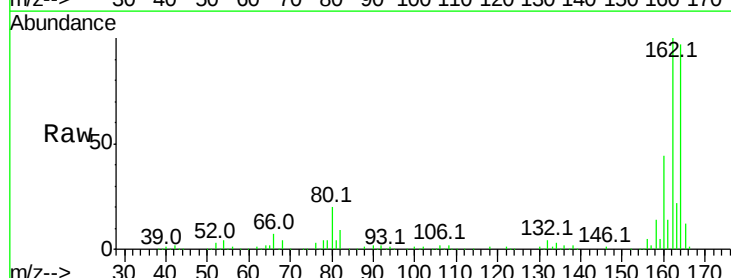
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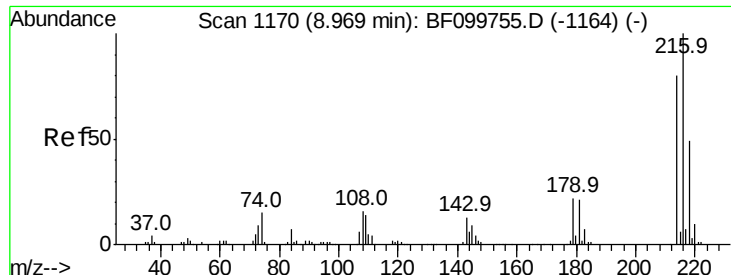
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202860		
162	102.6		86.1	129.1
160	44.8		38.3	57.5





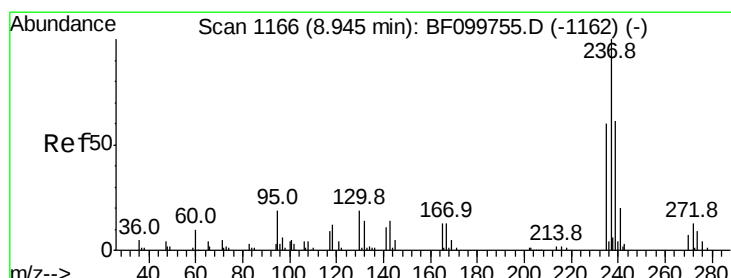
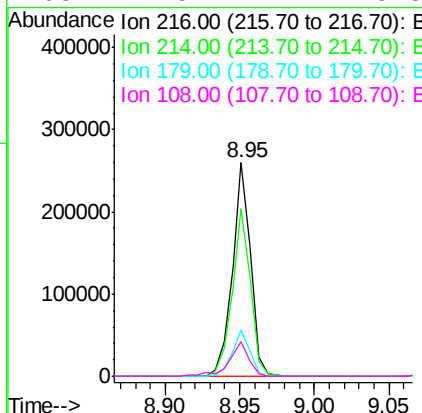
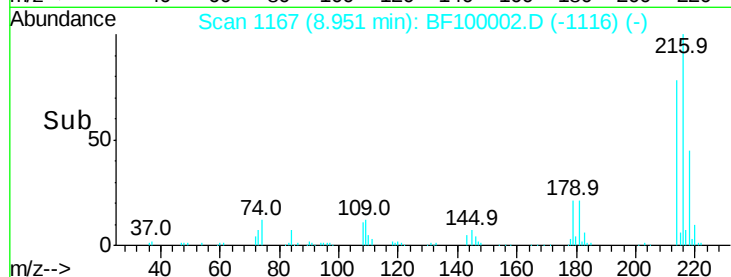
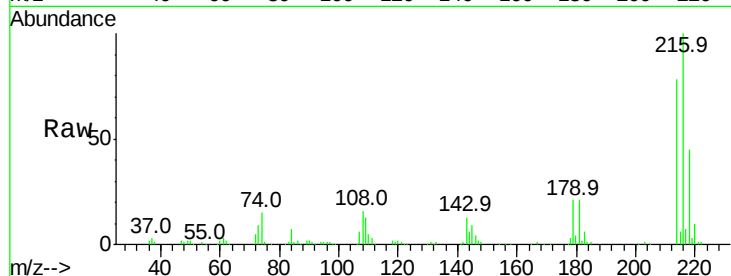
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.200 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	224073		
214	78.2		63.0	94.4
179	21.0		18.1	27.1
108	17.5		17.2	25.8

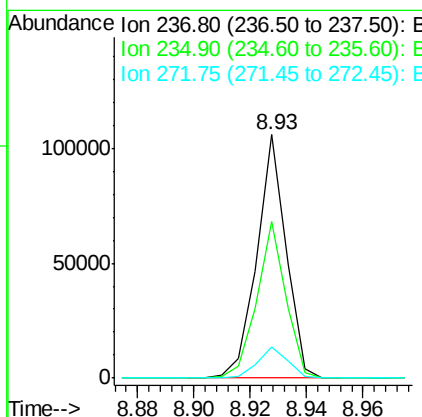
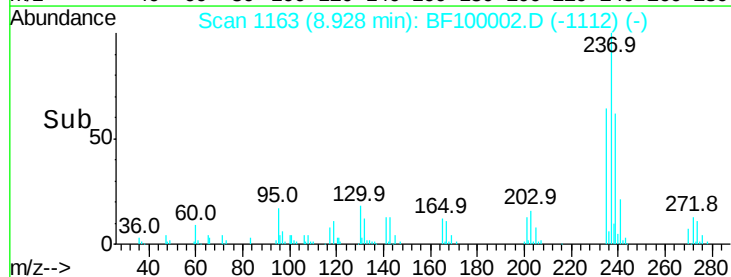
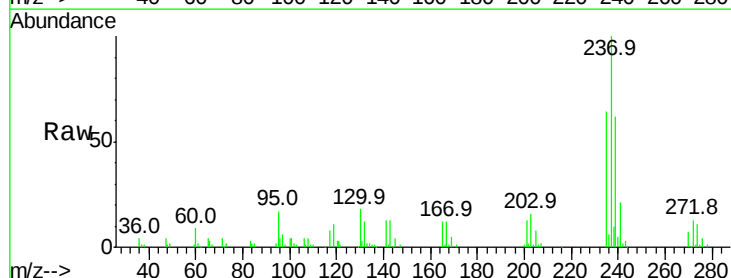
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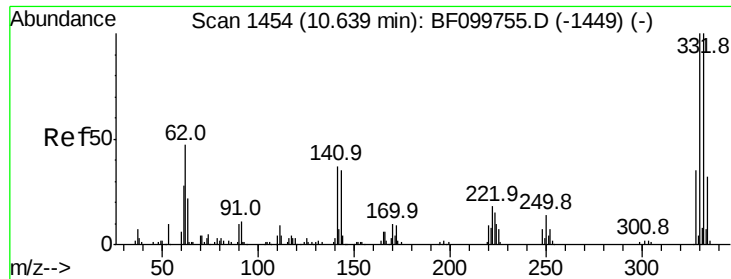
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#40
 Hexachlorocyclopentadiene
 Concen: 60.435 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	76253		
235	64.1		44.8	84.8
272	12.9		0.0	33.3





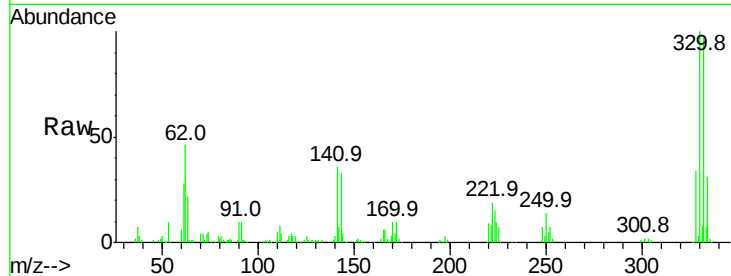
#41
 2,4,6-Tribromophenol
 Concen: 115.471 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

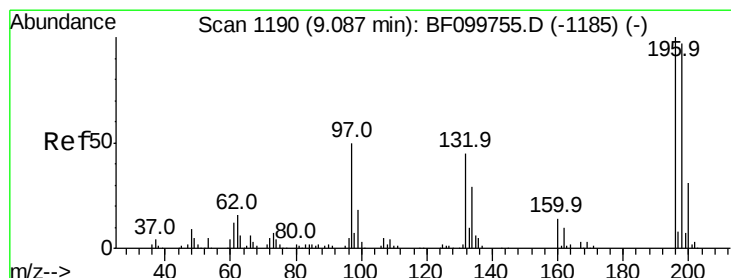
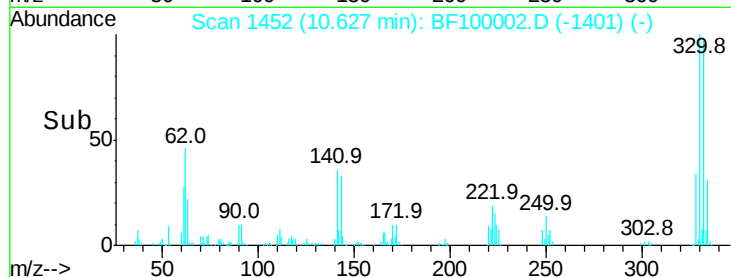
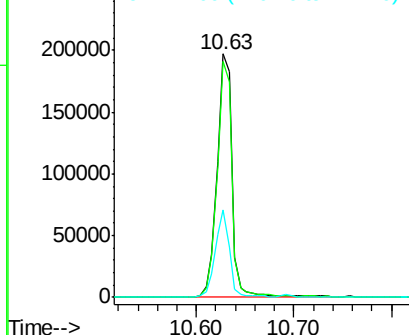
Tot Ion	Ratio	Resp	Lower	Upper
330	100	213470		
332	97.0	77.0	115.6	
141	33.3	29.9	44.9	

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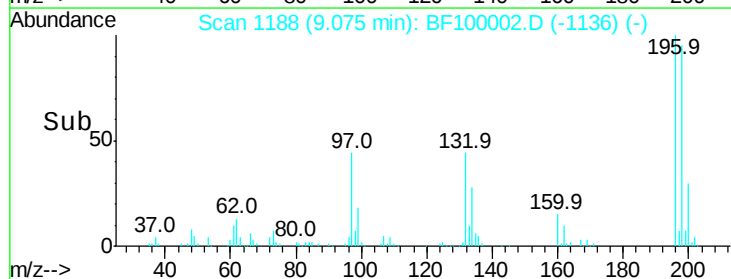
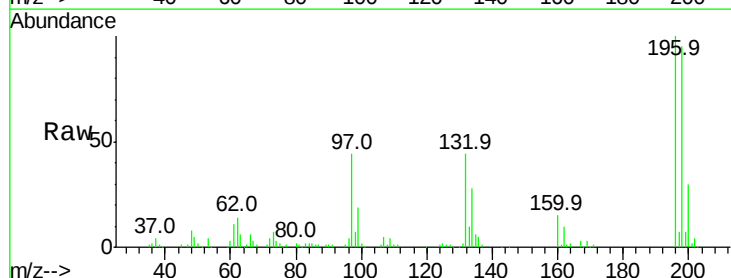
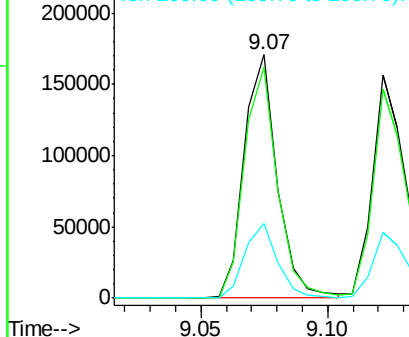
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

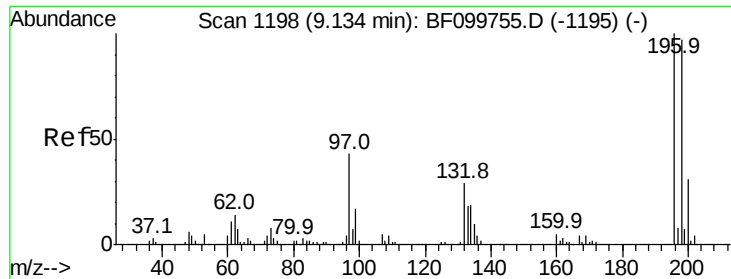


#42
 2,4,6-Trichlorophenol
 Concen: 39.338 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155902		
198	94.9	75.7	113.5	
200	30.5	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





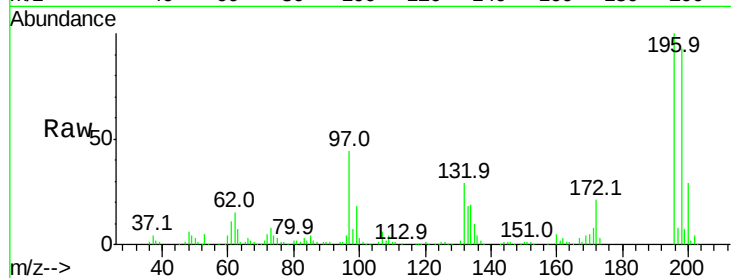
#43
 2,4,5-Trichlorophenol
 Concen: 38.458 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion:	196	Resp:	161740
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.6	112.0
97	43.7	42.9	64.3
132	28.9	26.3	39.5

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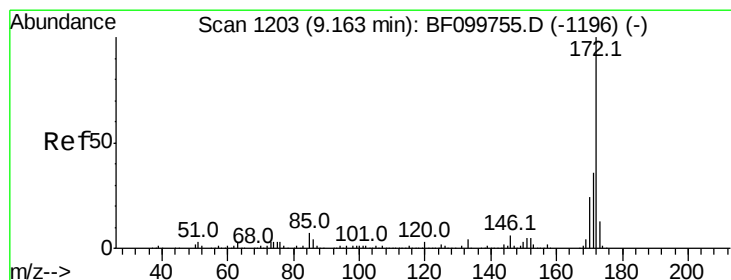
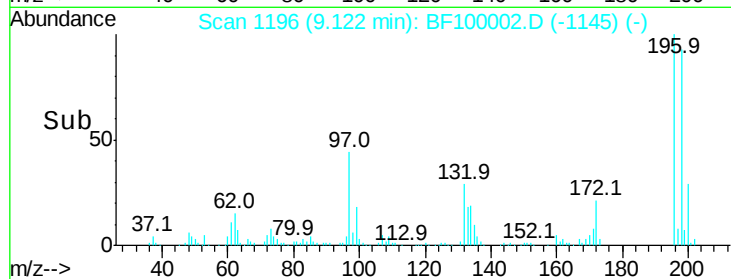
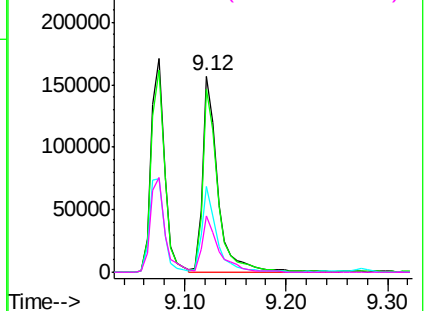
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.684 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

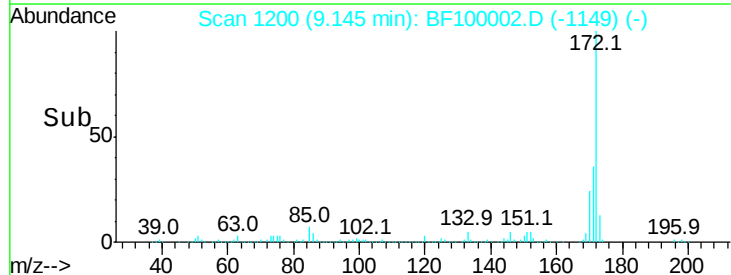
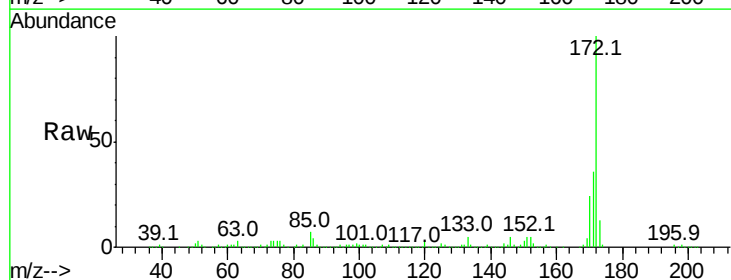
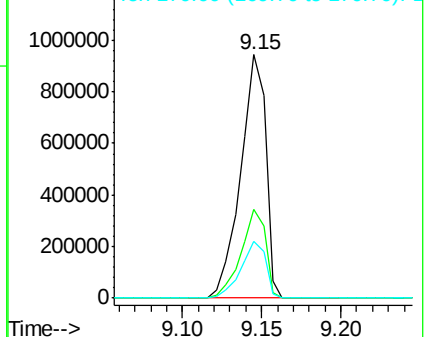
Tgt Ion:	172	Resp:	1034579
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	23.5	19.6	29.4

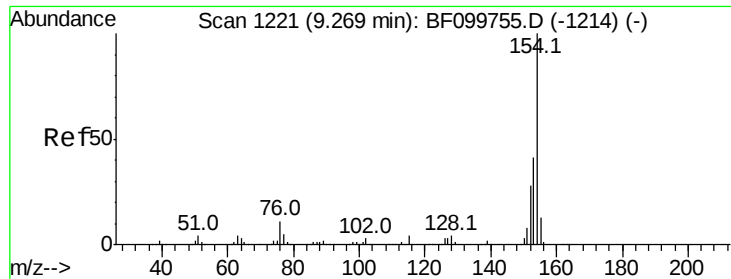
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





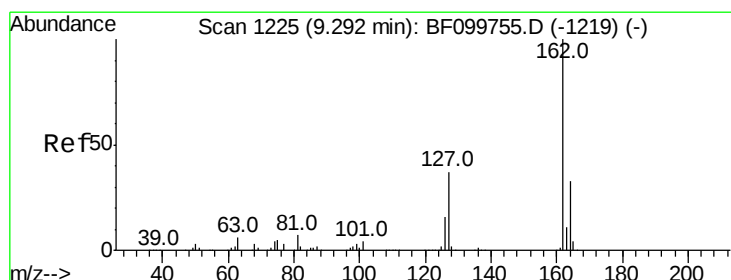
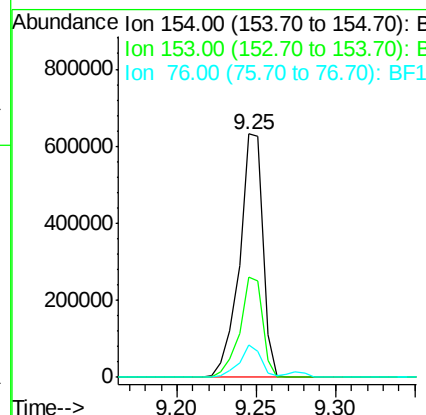
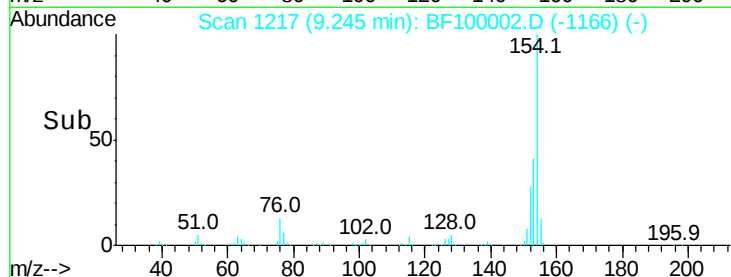
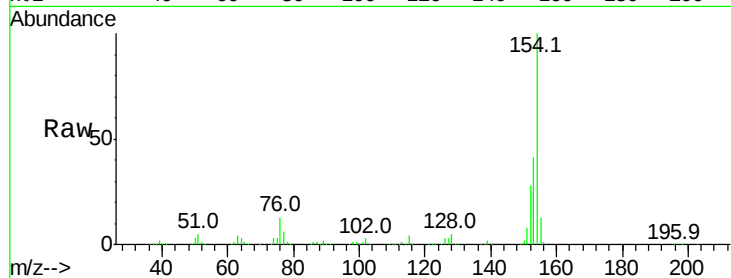
#45
 1,1'-Biphenyl
 Concen: 35.172 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.2	0.0	34.0

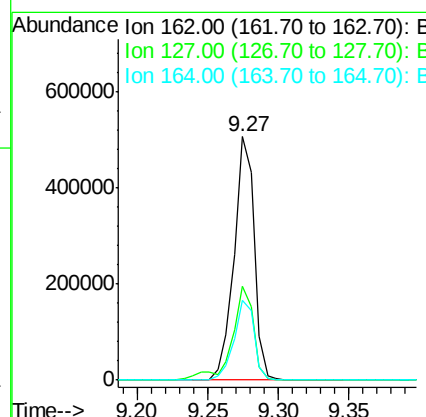
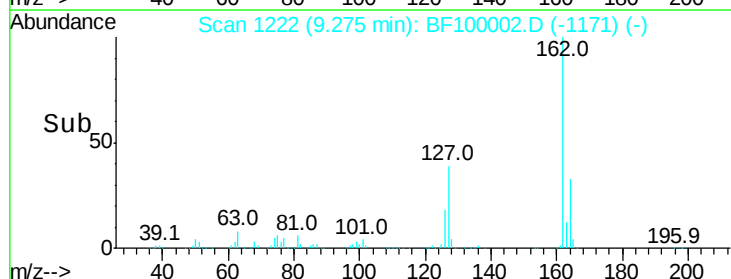
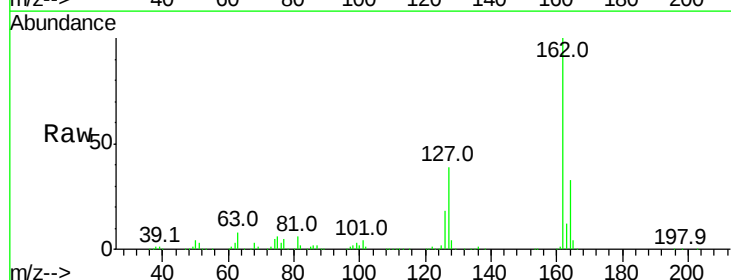
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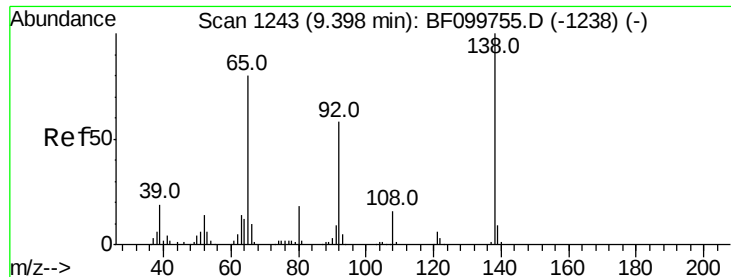
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#46
 2-Chloronaphthalene
 Concen: 37.685 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	33.9	50.9
164	32.6	26.5	39.7





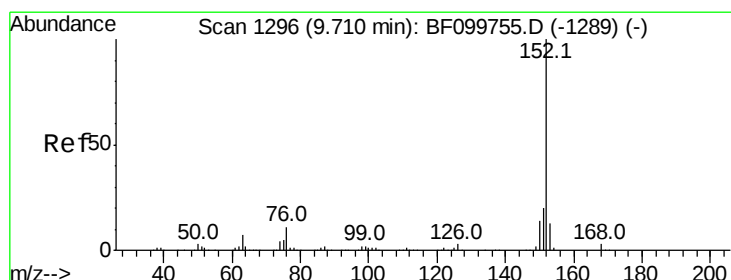
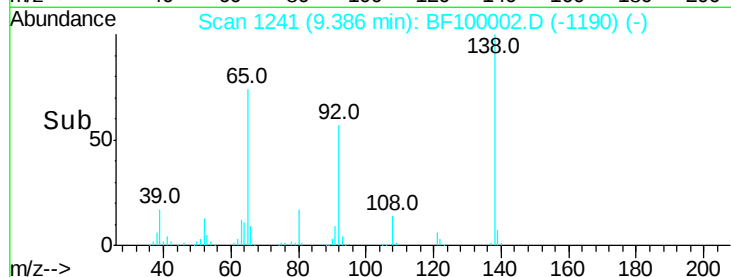
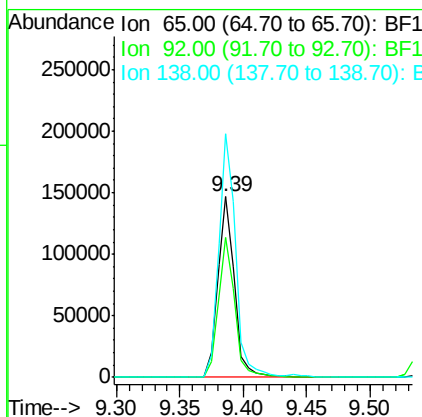
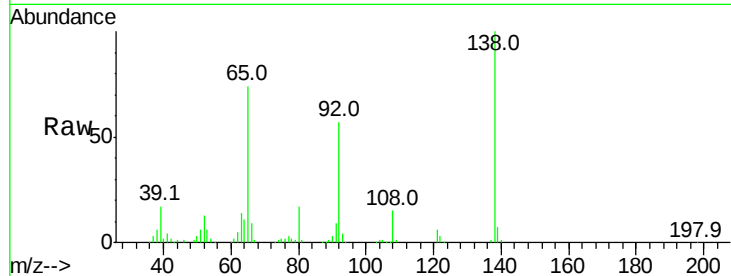
#47
2-Nitroaniline
Concen: 38.868 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampled :
PB103742BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.5	55.8	83.6
138	134.9	91.2	136.8

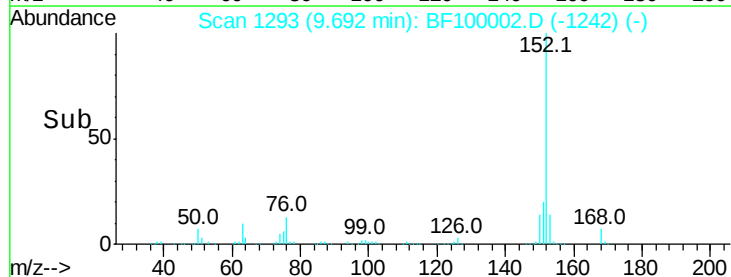
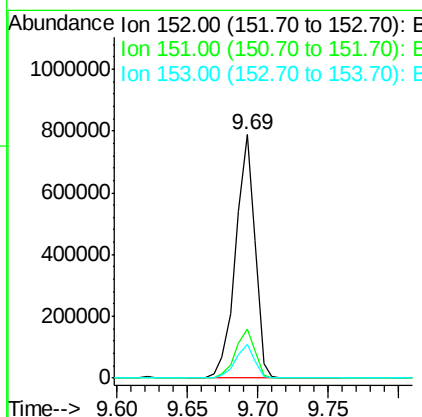
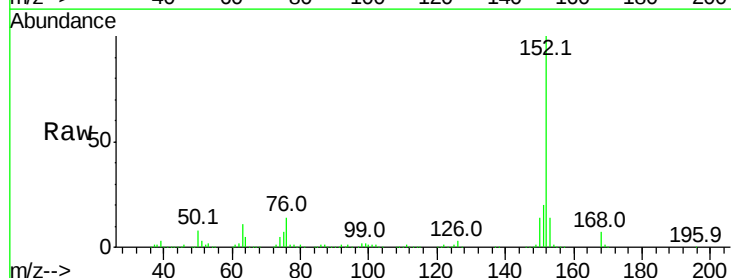
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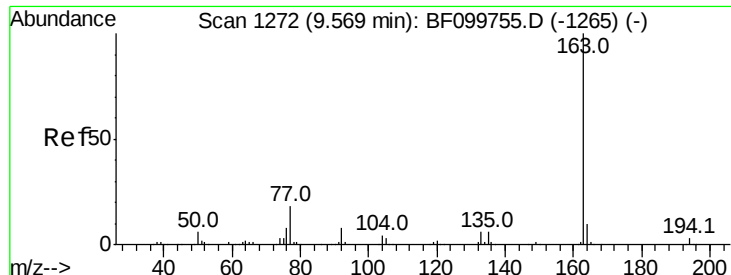
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#48
Acenaphthylene
Concen: 36.534 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.7	10.7	16.1





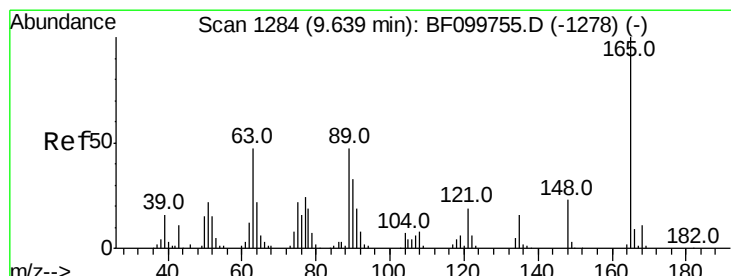
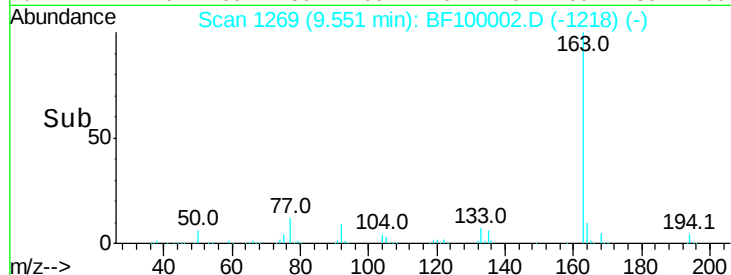
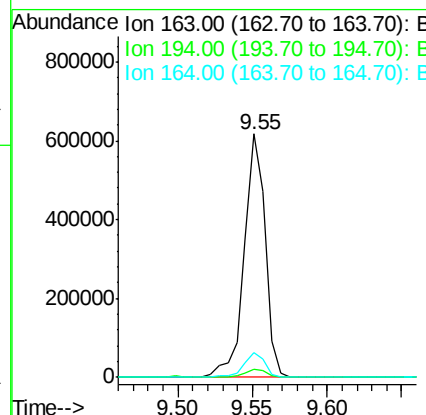
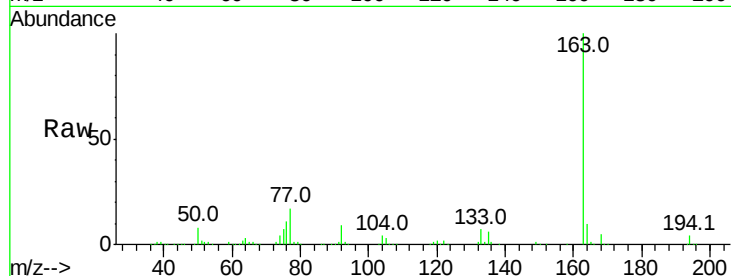
#49
Dimethylphthalate
Concen: 37.572 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	603593		
194	3.6		2.7	4.1
164	10.1		8.2	12.2

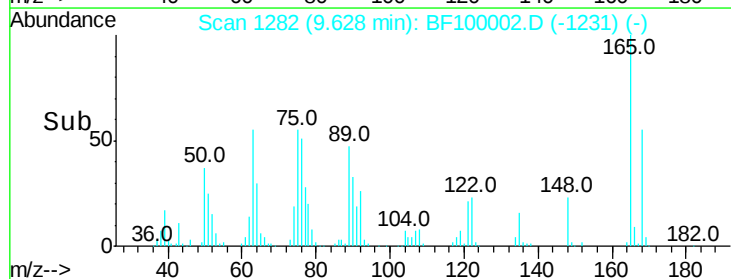
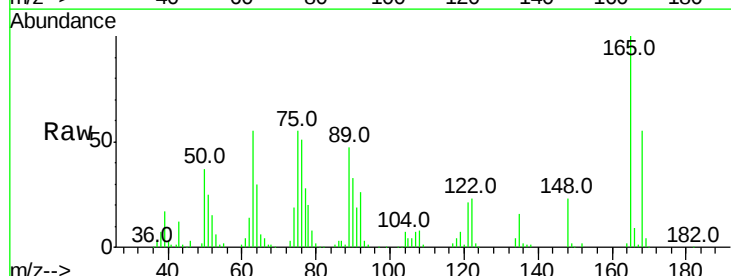
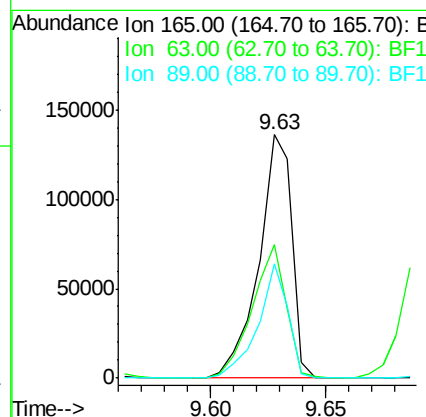
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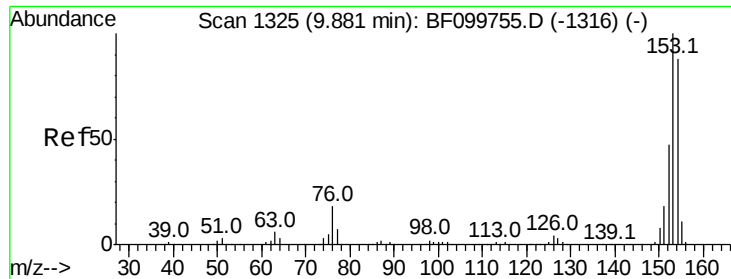
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#50
2,6-Dinitrotoluene
Concen: 40.178 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	135688		
63	54.7		44.7	67.1
89	47.0		44.0	66.0





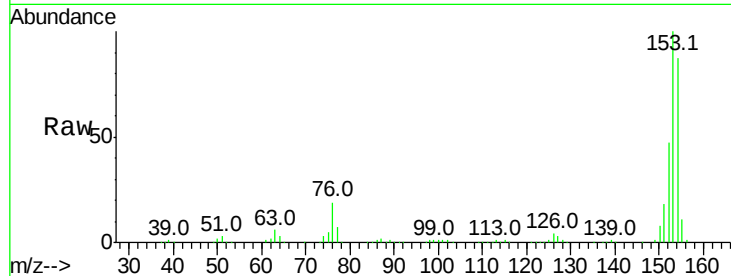
#51
Acenaphthene
Concen: 36.423 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

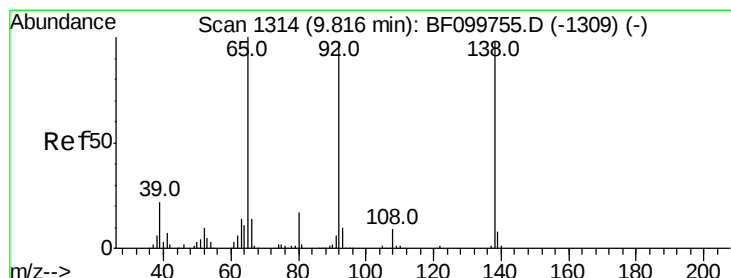
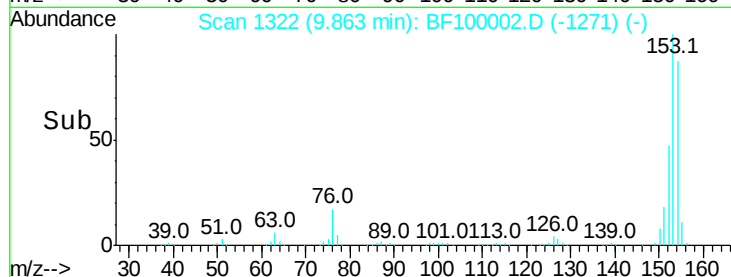
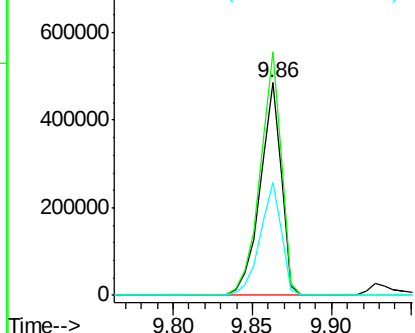
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	53.4	43.8	65.8

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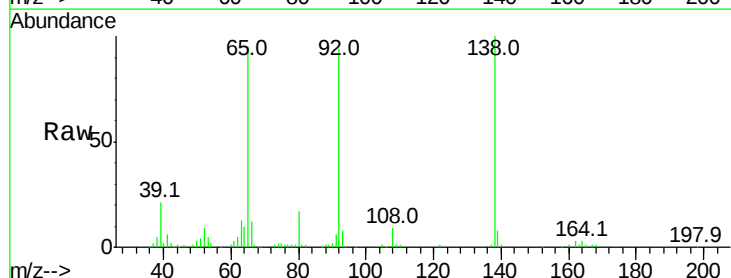


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

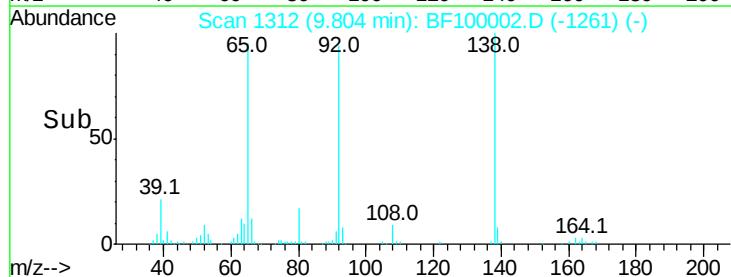
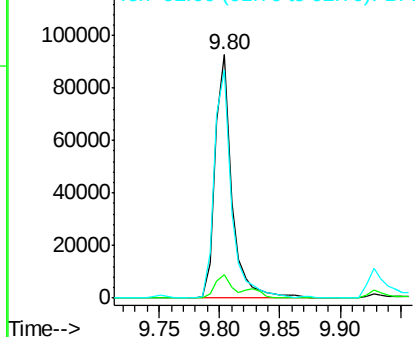


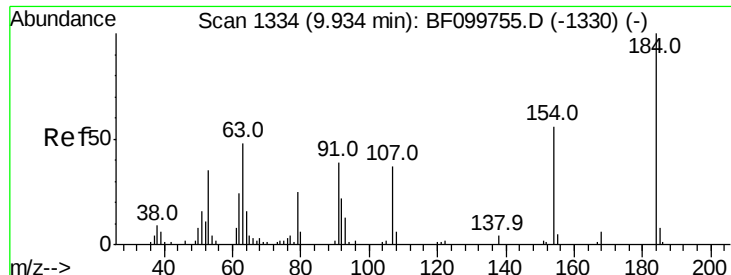
#52
3-Nitroaniline
Concen: 21.974 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	93.6	89.4	134.2



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





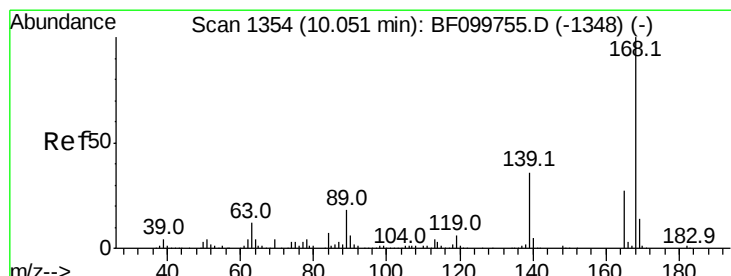
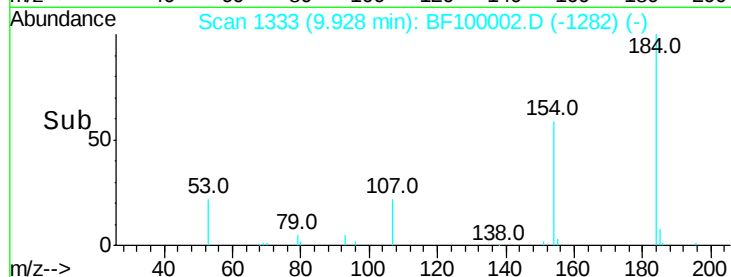
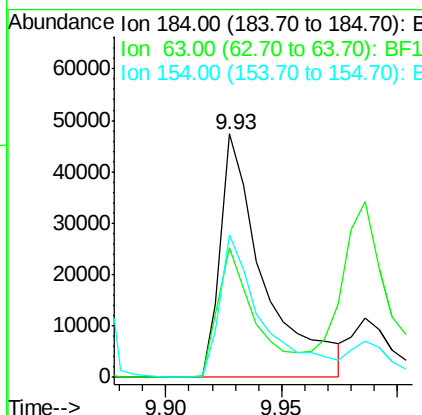
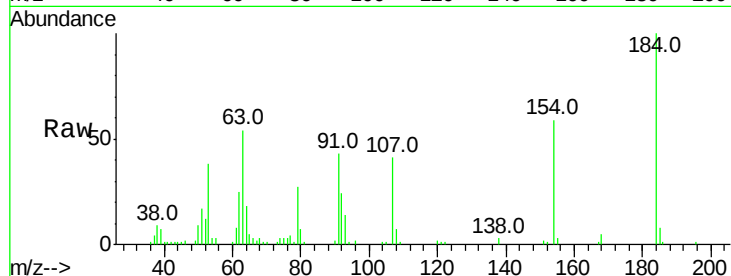
#53
 2,4-Dinitrophenol
 Concen: 49.063 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.5	54.2	81.2#
154	58.7	53.5	80.3

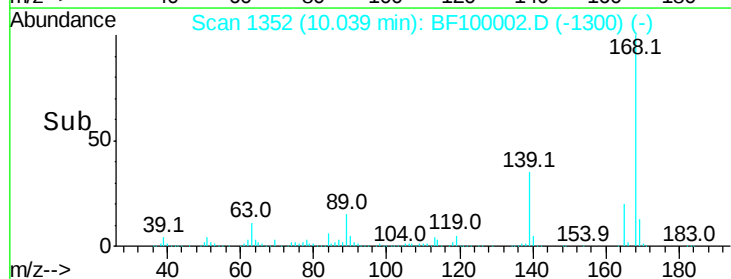
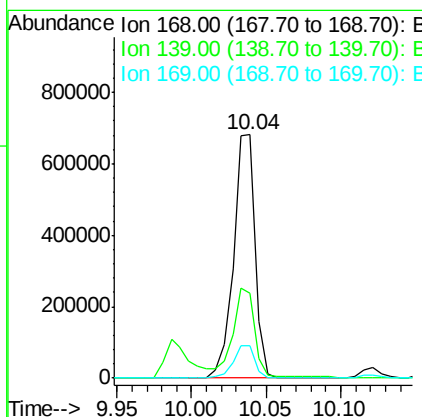
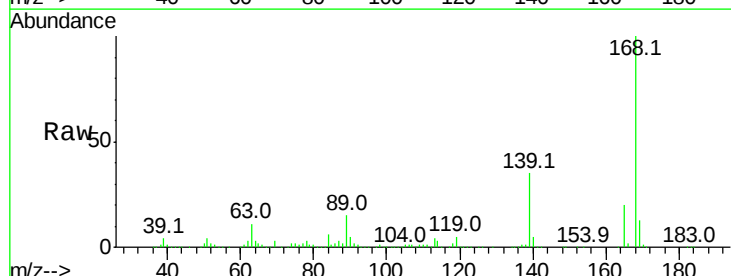
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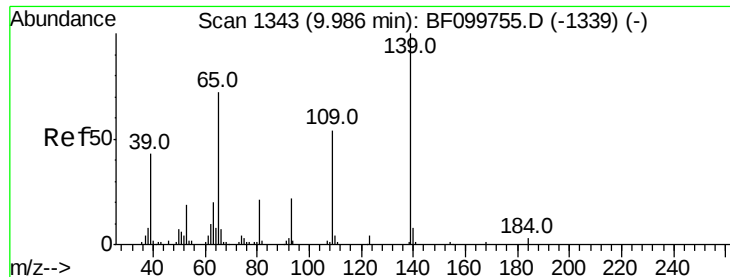
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#54
 Dibenzofuran
 Concen: 39.096 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.1	45.1
169	13.3	10.9	16.3





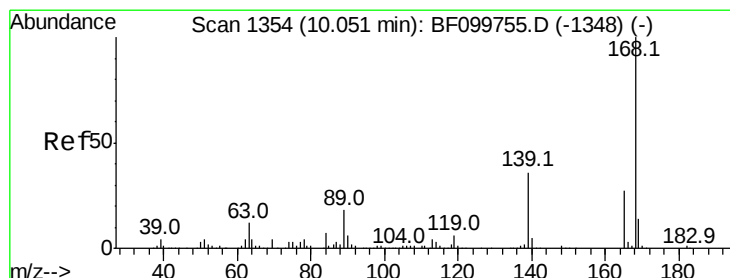
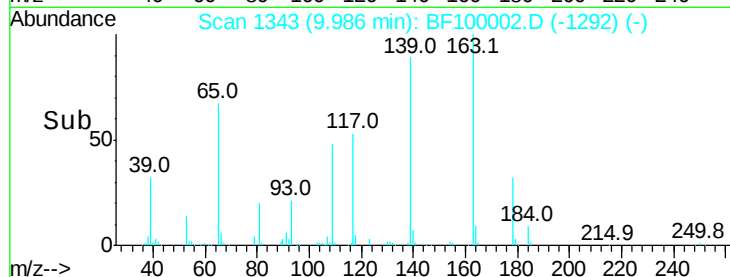
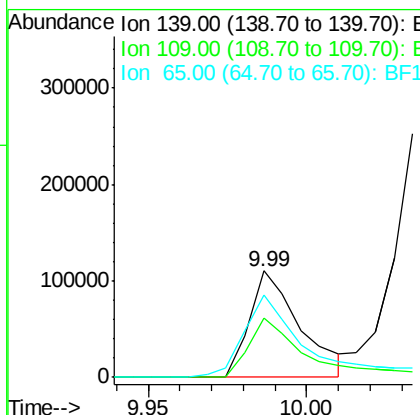
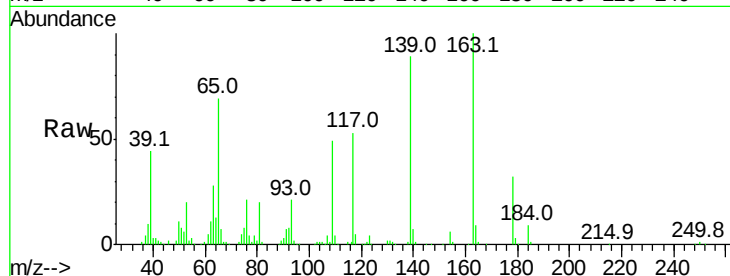
#55
4-Nitrophenol
Concen: 58.817 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	55.3	48.4	88.4
65	77.5	72.6	112.6

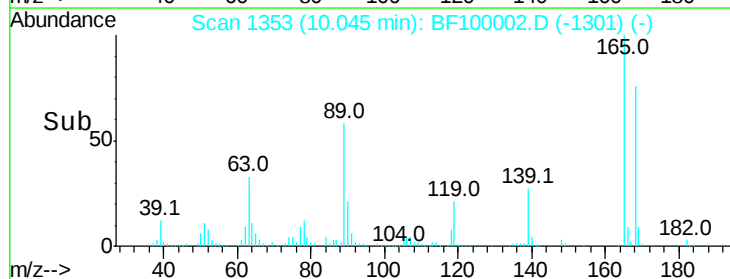
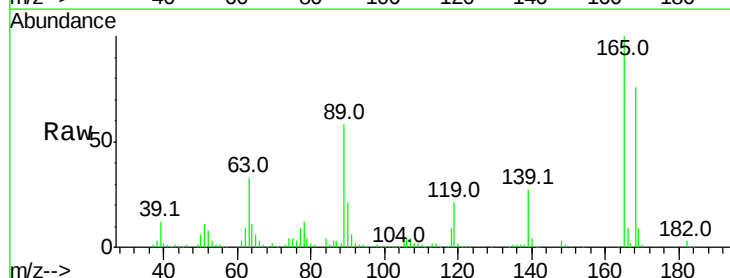
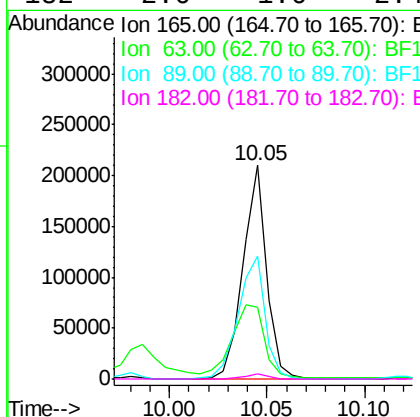
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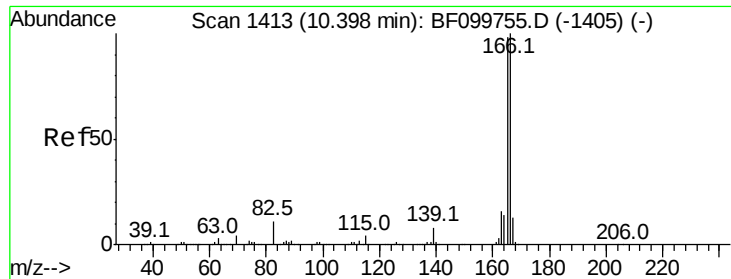
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#56
2,4-Dinitrotoluene
Concen: 43.140 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.4	36.4	54.6#
89	57.5	57.8	86.6#
182	2.6	1.6	2.4#





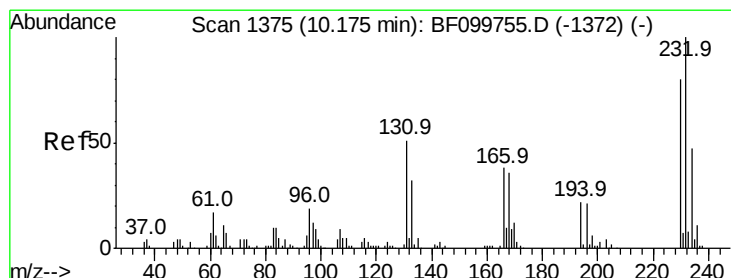
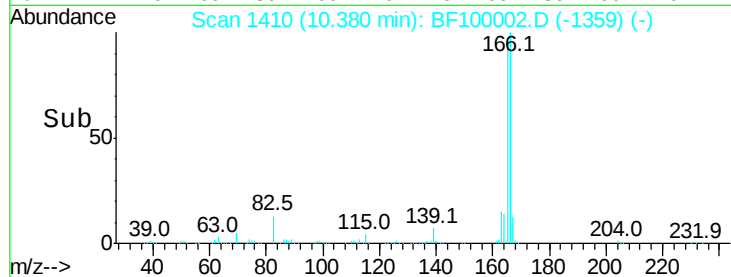
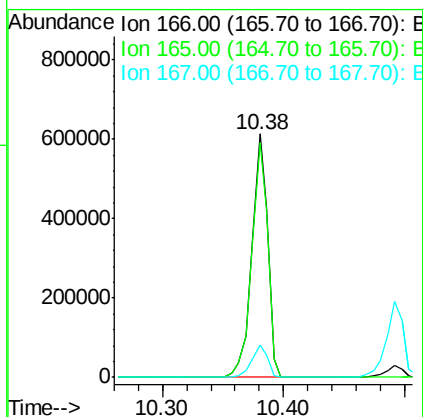
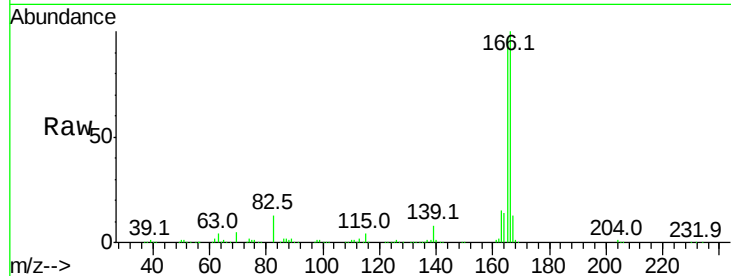
#57
 Fluorene
 Concen: 38.380 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.8	119.8
167	13.5	10.6	16.0

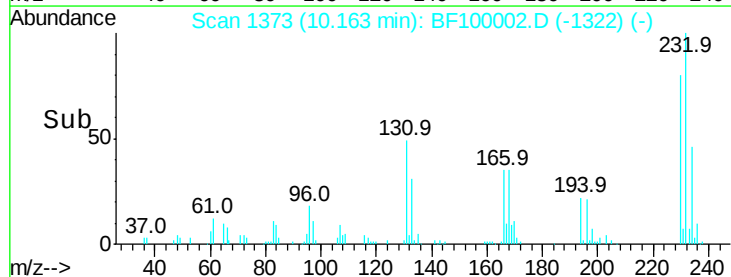
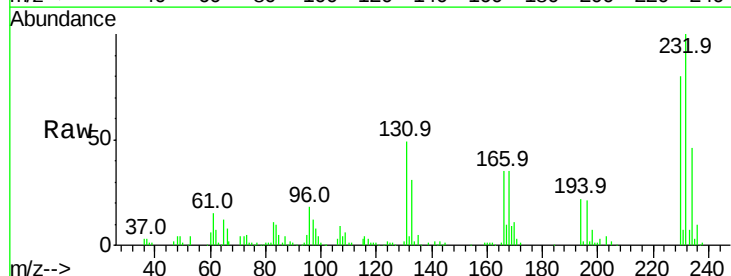
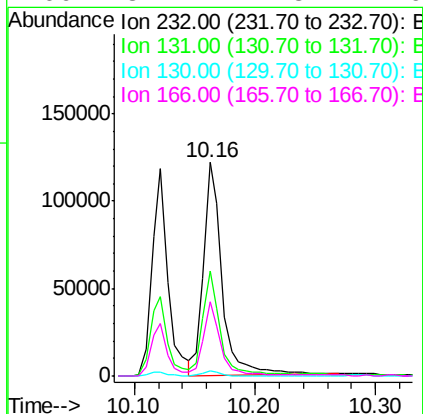
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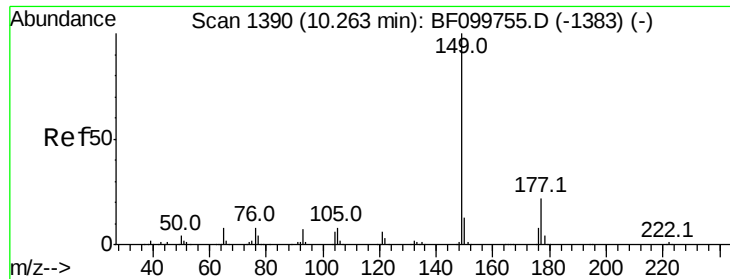
Sohil
 11/1/2017 2:37:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.898 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.1	43.8	65.8
130	2.3	2.1	3.1
166	31.2	27.8	41.6





#59

Diethylphthalate

Concen: 39.159 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

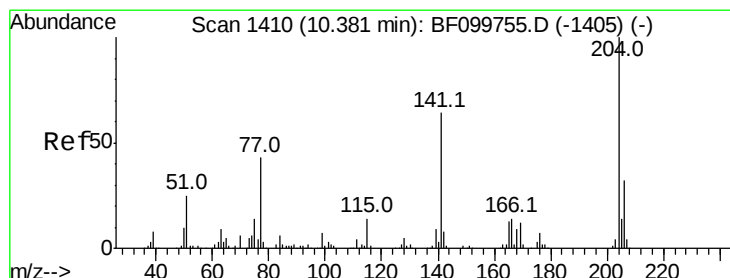
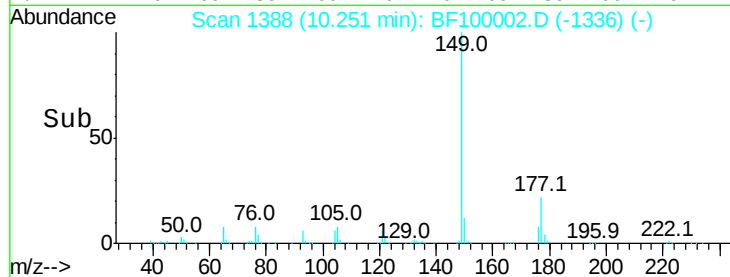
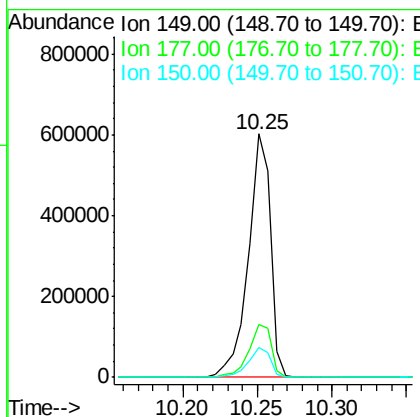
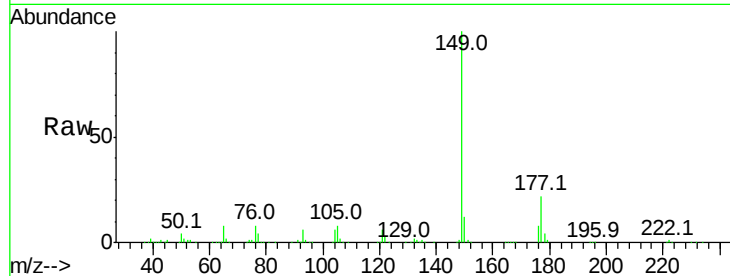
ClientSampleId :

PB103742BS

Tot Ion:	149	Resp:	614336
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.1	24.1
150	12.3	10.1	15.1

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11/1/2017 2:37:39 PM



#60

4-Chlorophenyl-phenylether

Concen: 37.907 ng

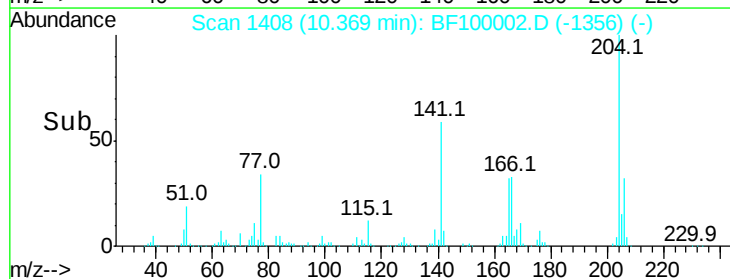
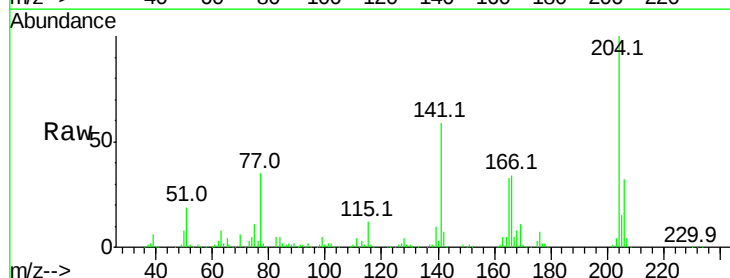
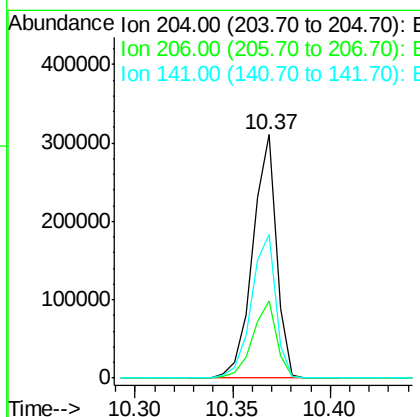
RT: 10.37 min Scan# 1408

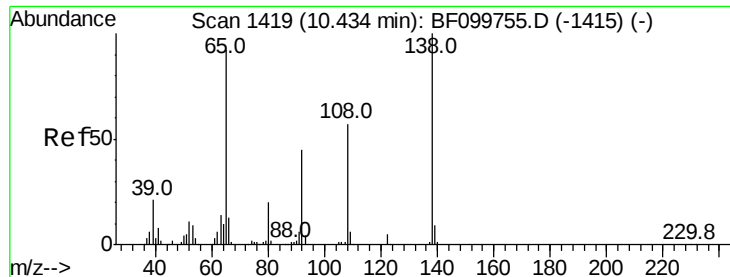
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	204	Resp:	261518
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.5	39.7
141	59.0	54.6	81.8





#61

4-Nitroaniline

Concen: 36.262 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

PB103742BS

Tot Ion:138 Resp: 137671

Ion Ratio Lower Upper

138 100

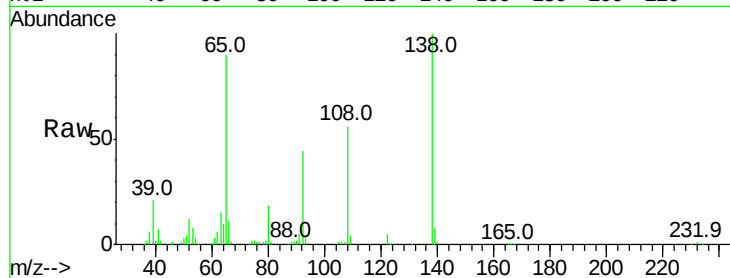
92 43.7 30.2 70.2

108 56.5 52.5 92.5

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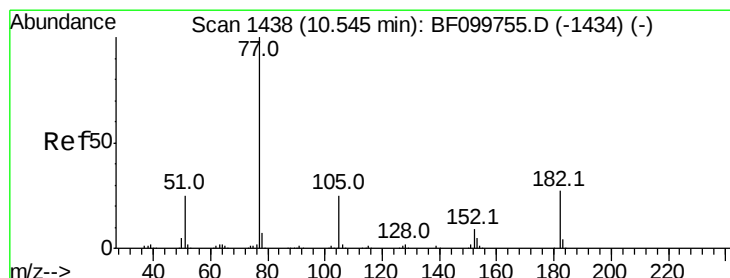
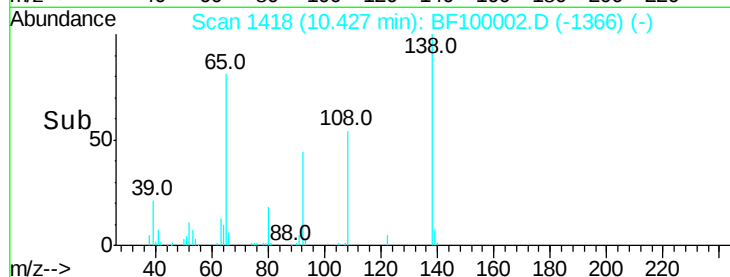
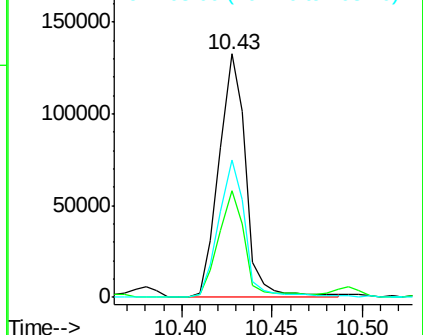
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.313 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion: 77 Resp: 517000

Ion Ratio Lower Upper

77 100

182 31.2 1.7 41.7

105 27.3 3.0 43.0

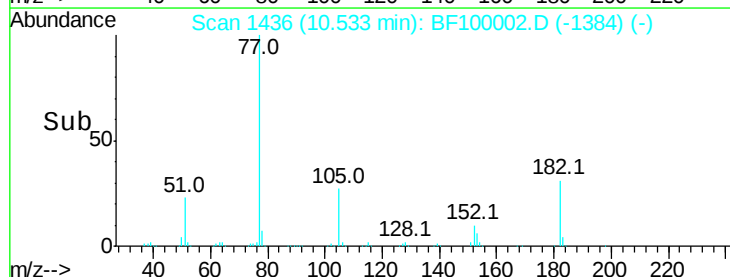
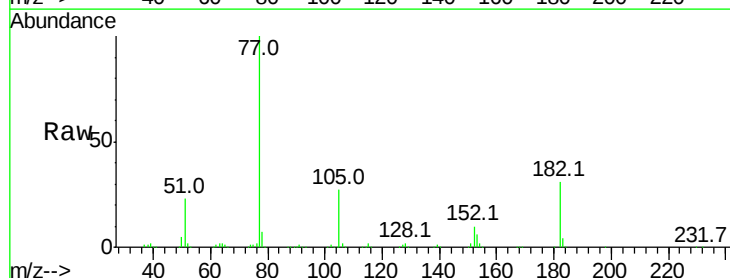
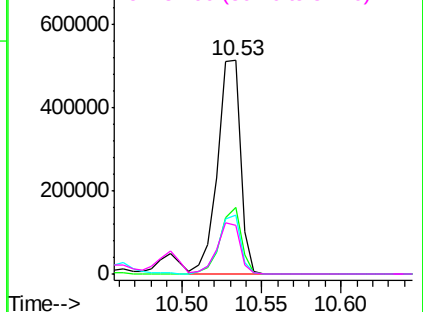
51 22.8 9.9 49.9

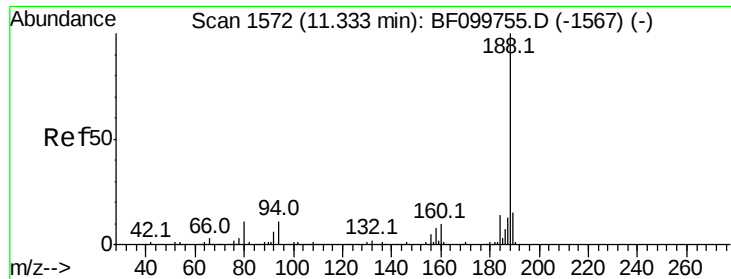
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

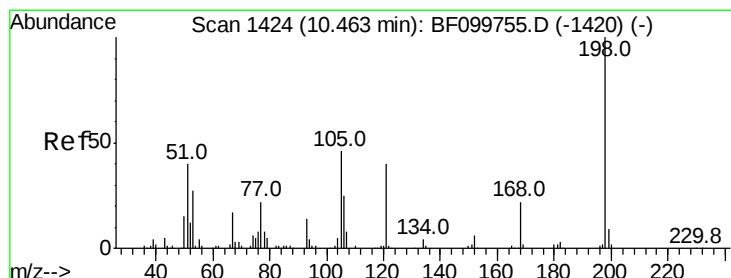
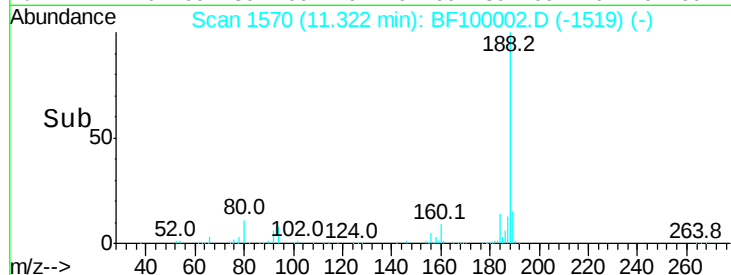
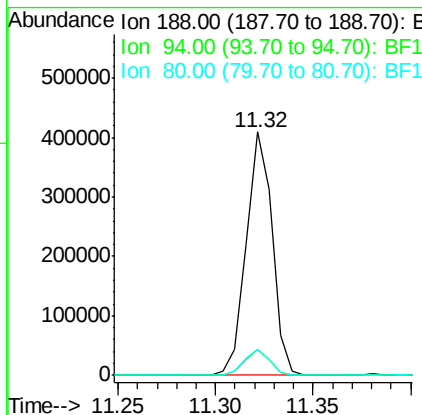
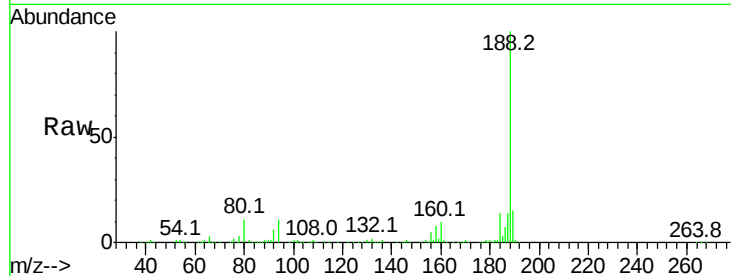
ClientSampled :

PB103742BS

Tot Ion:	188	Resp:	378007
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	10.9	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 28.285 ng

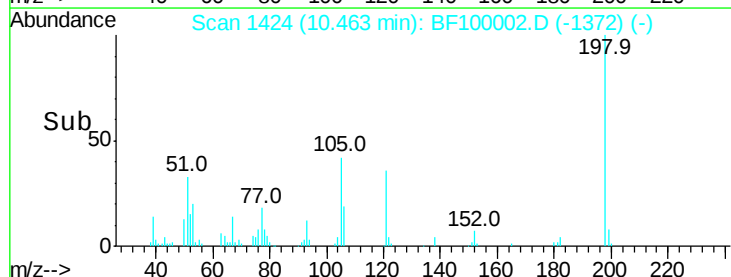
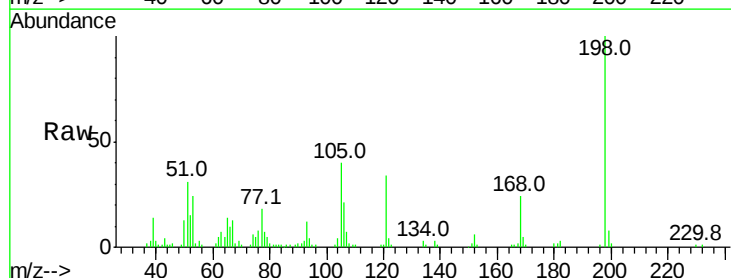
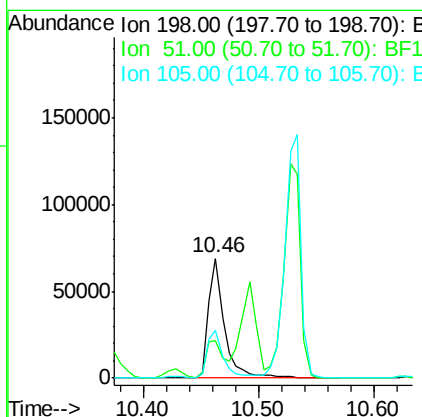
RT: 10.46 min Scan# 1424

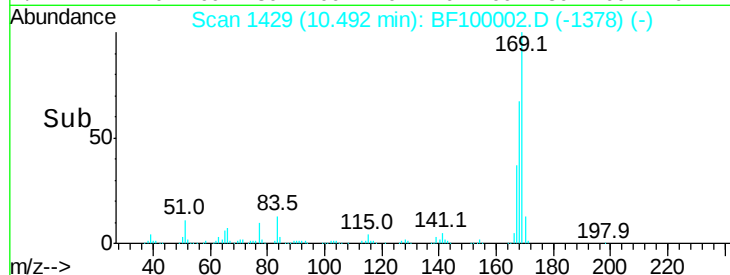
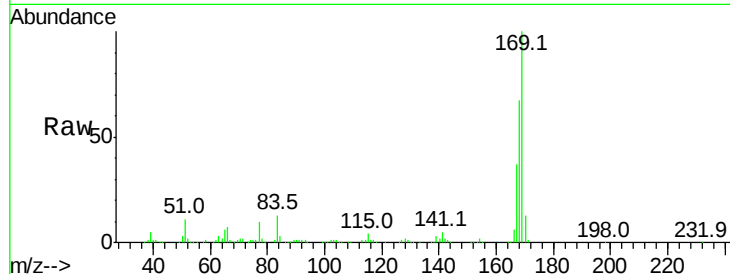
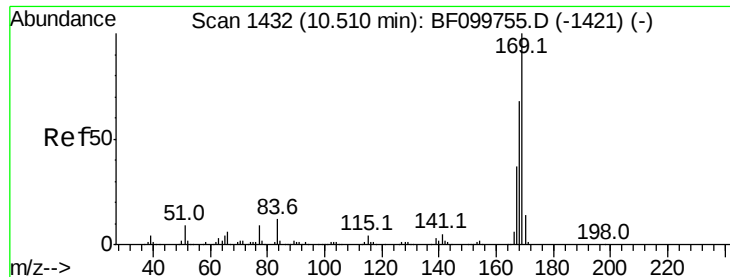
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	198	Resp:	67210
Ion Ratio	Lower	Upper	
198	100		
51	30.9	37.7	77.7#
105	40.2	36.3	76.3





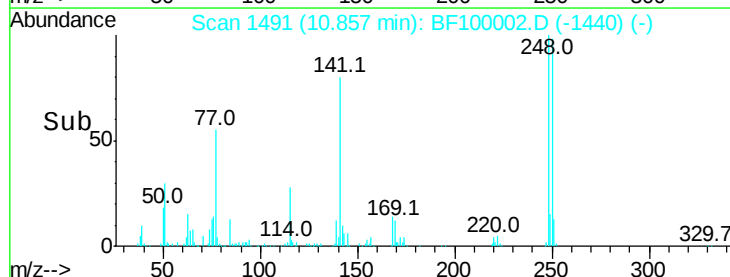
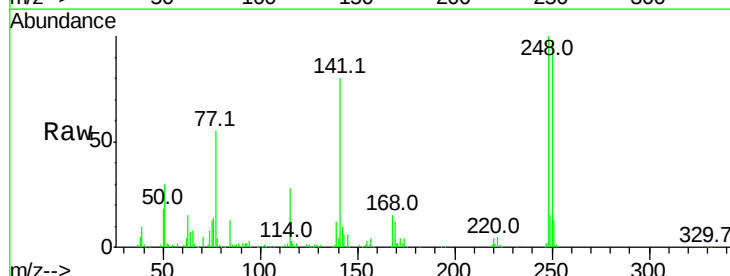
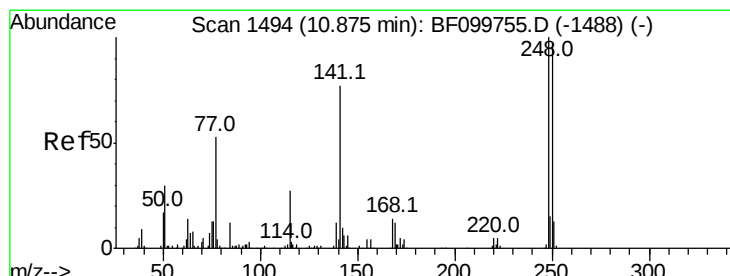
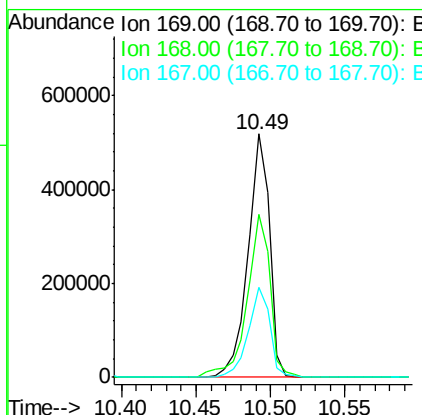
#65
n-Nitrosodiphenylamine
Concen: 36.871 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	514500		
168	67.1	54.4	81.6	
167	36.9	29.8	44.6	

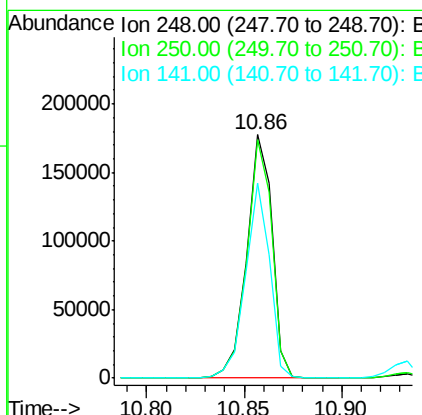
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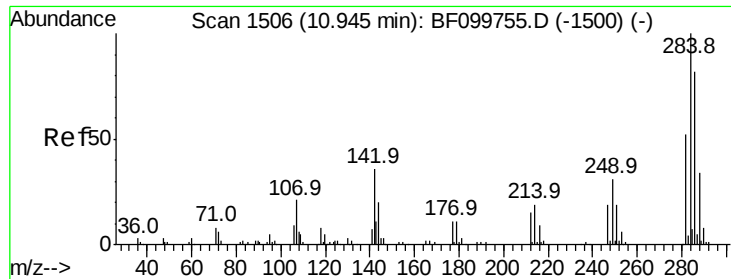
Sohil
11/1/2017 2:37:39 PM



#66
4-Bromophenyl-phenylether
Concen: 40.175 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	159877		
250	97.8	76.9	115.3	
141	80.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 38.540 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

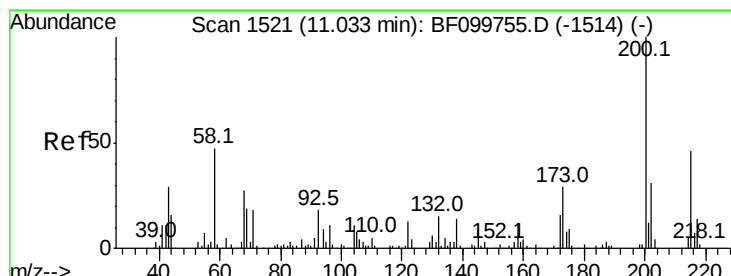
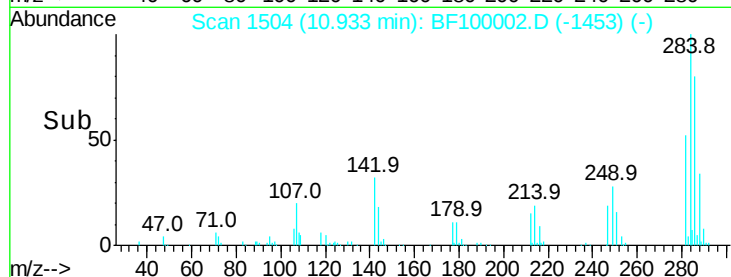
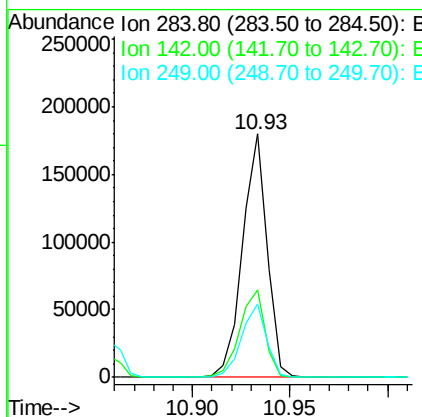
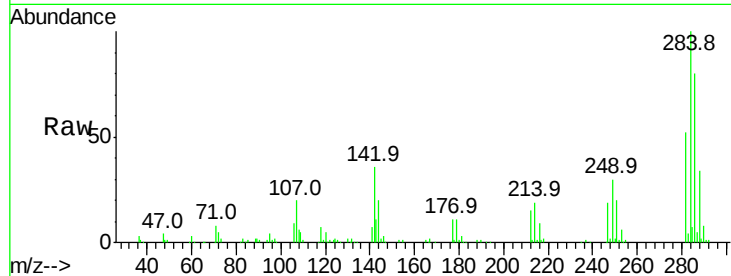
ClientSampleId :

PB103742BS

Tot Ion:	284	Resp:	156907
Ion Ratio	Lower	Upper	
284	100		
142	36.0	34.6	52.0
249	30.1	24.8	37.2

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#68

Atrazine

Concen: 39.546 ng

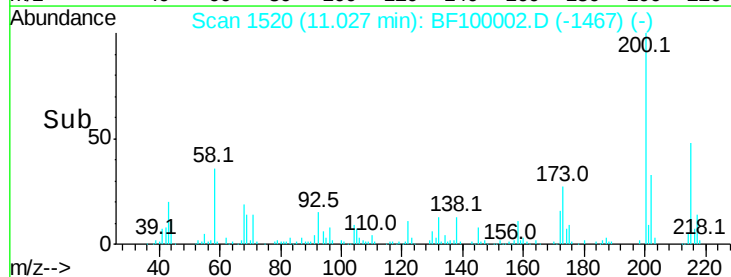
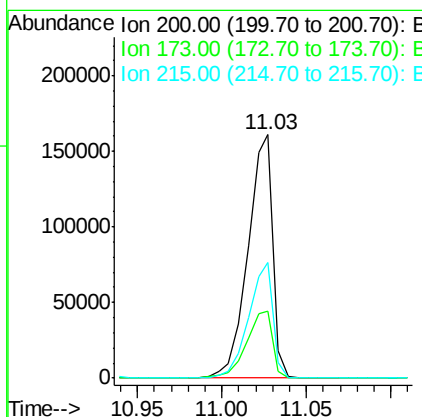
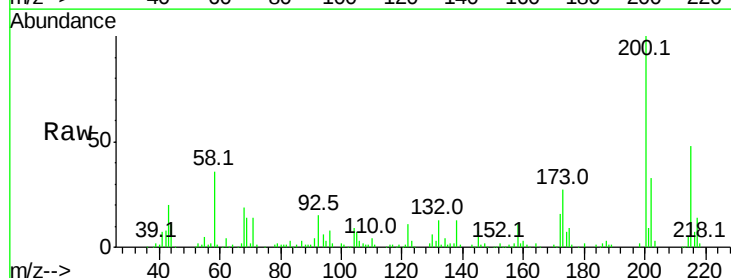
RT: 11.03 min Scan# 1520

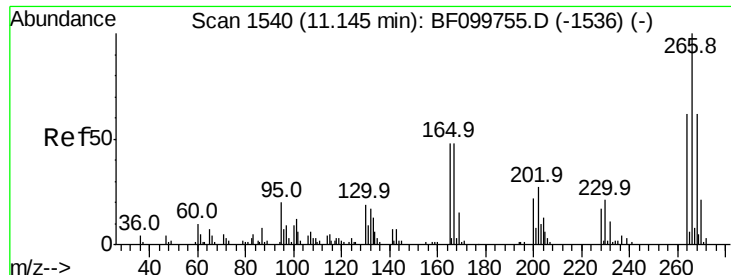
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	200	Resp:	165760
Ion Ratio	Lower	Upper	
200	100		
173	27.4	8.6	48.6
215	47.6	25.1	65.1





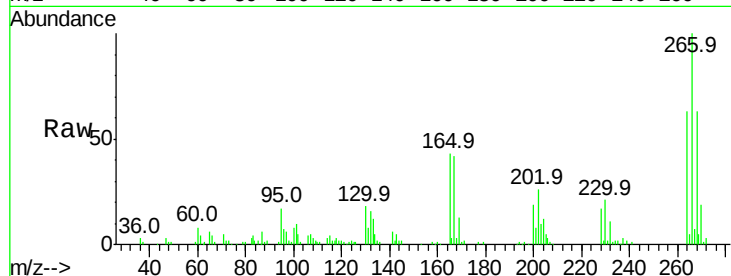
#69
 Pentachlorophenol
 Concen: 67.016 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.3	49.5	74.3

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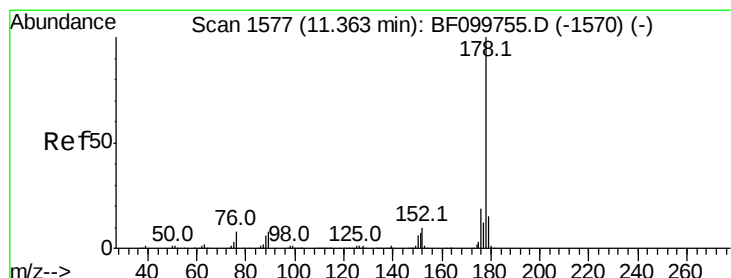
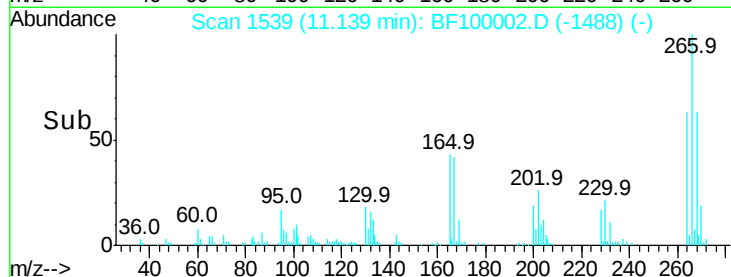
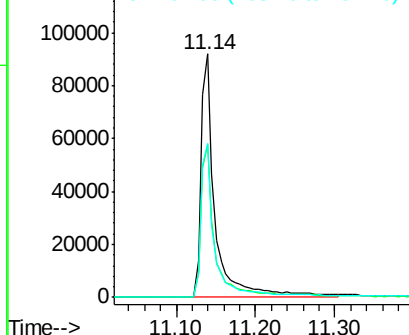


Abundance

Ion 265.70 (265.40 to 266.40): E

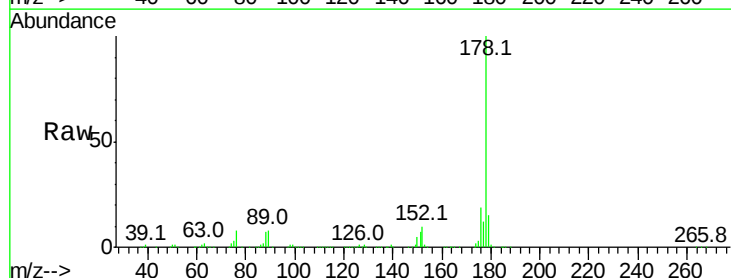
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.905 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6

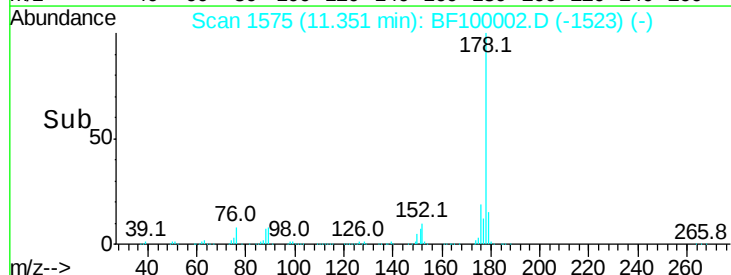
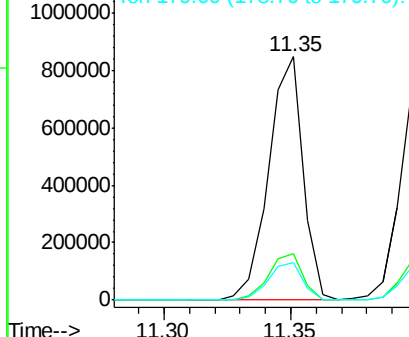


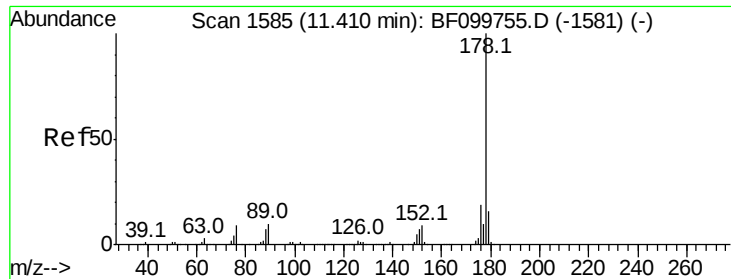
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





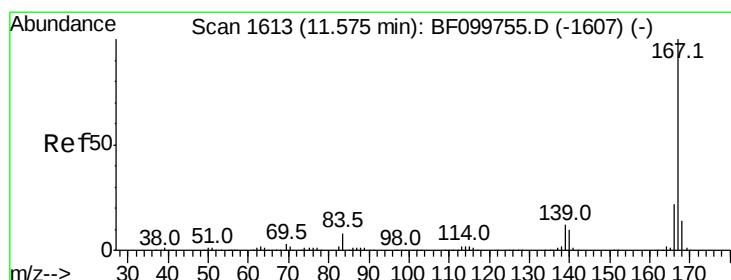
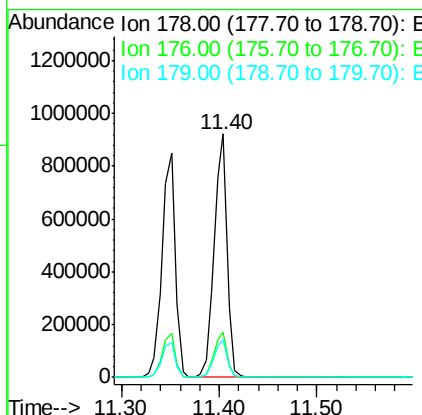
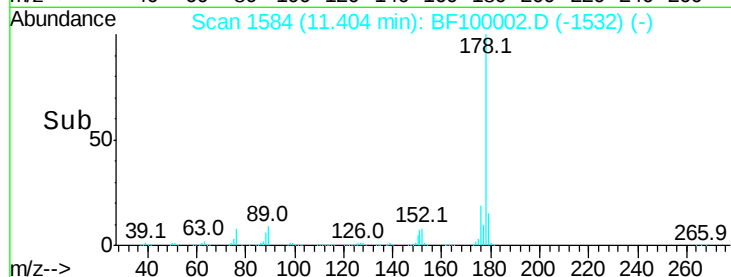
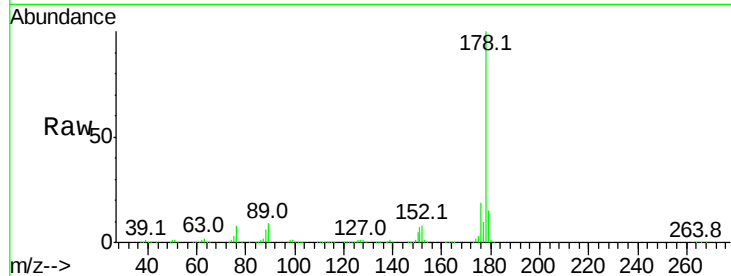
#71
 Anthracene
 Concen: 39.078 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

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

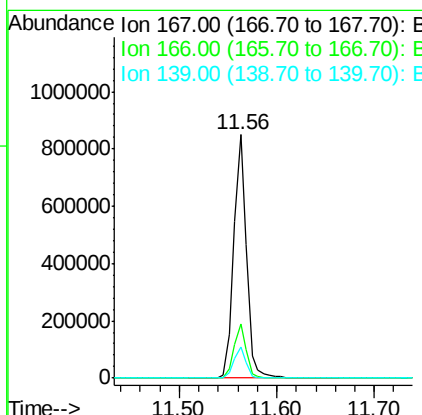
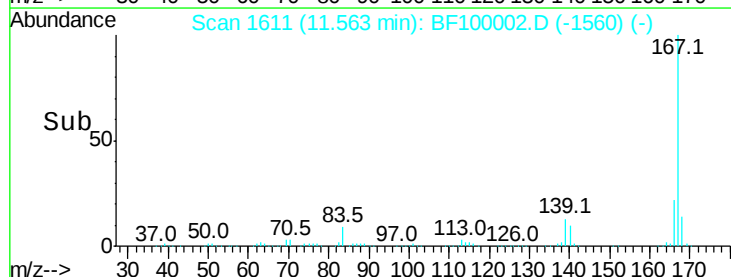
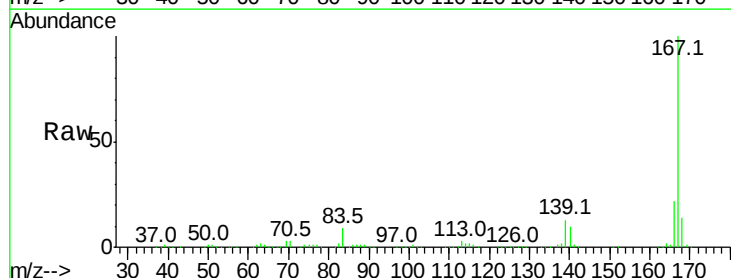
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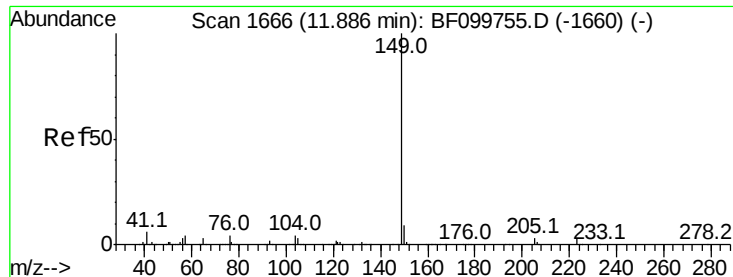
Sohil
 11/1/2017 2:37:39 PM



#72
 Carbazole
 Concen: 37.955 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.880 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

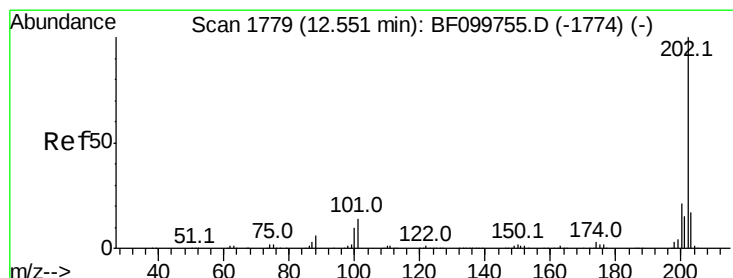
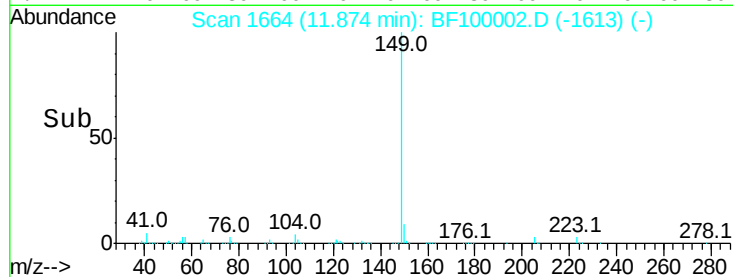
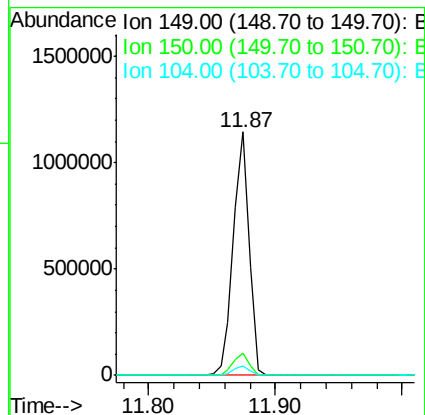
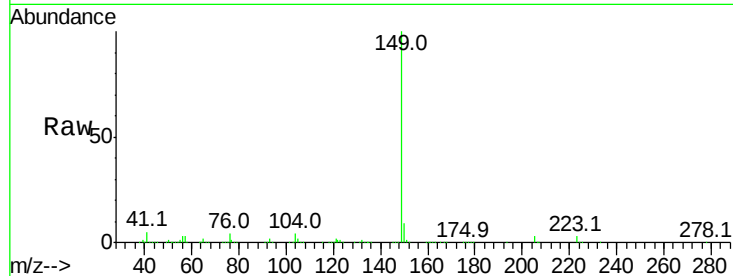
ClientSampleId :

PB103742BS

Tot Ion:	149	Resp:	983829
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	3.9	3.8	5.8

Manual Integrations
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11/1/2017 2:37:39 PM



#74

Fluoranthene

Concen: 38.112 ng

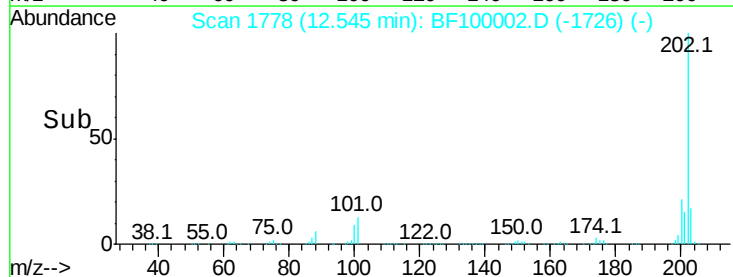
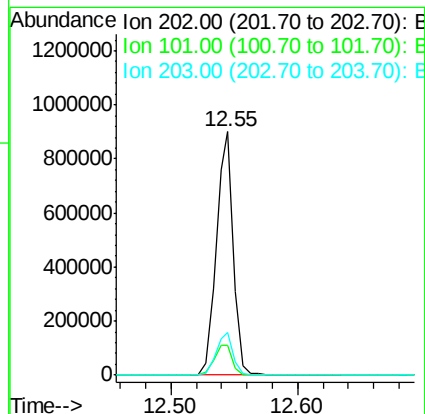
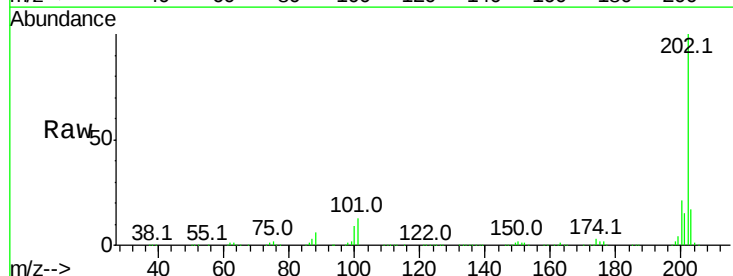
RT: 12.55 min Scan# 1778

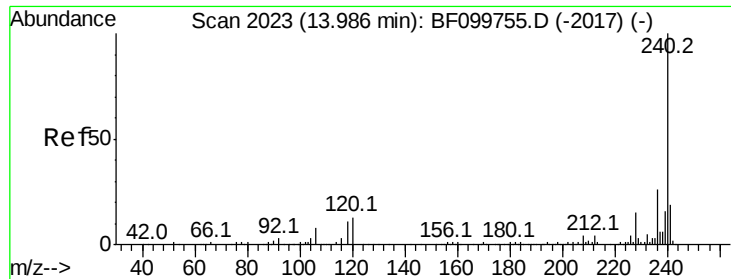
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	202	Resp:	844920
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	17.4	0.0	38.1





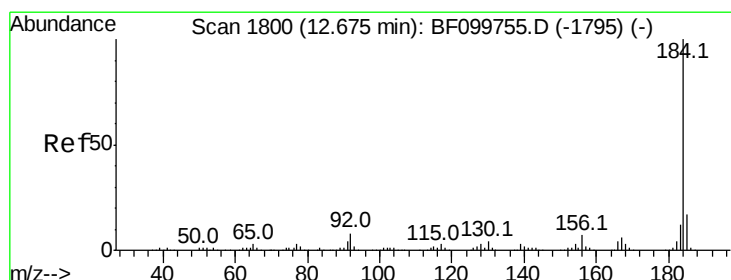
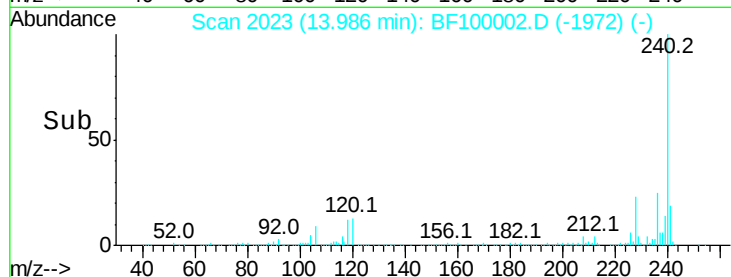
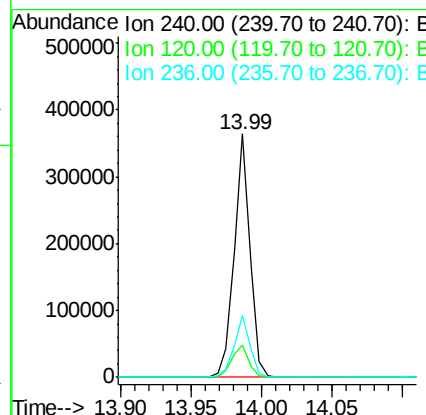
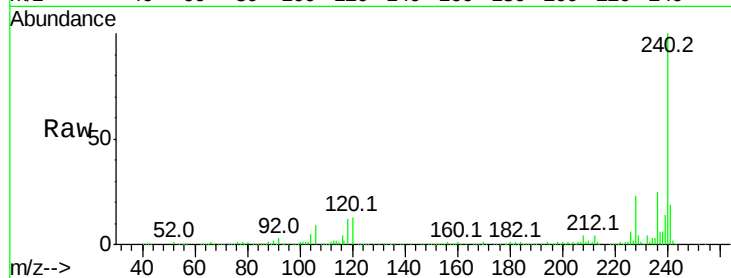
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.4	20.7	31.1

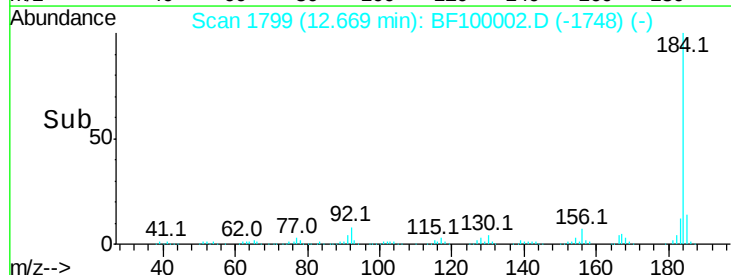
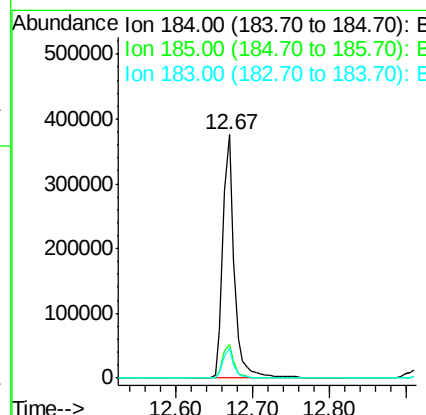
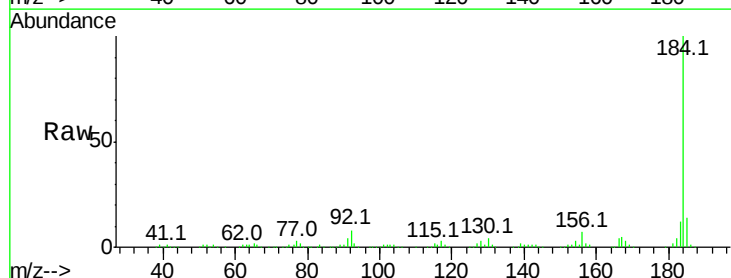
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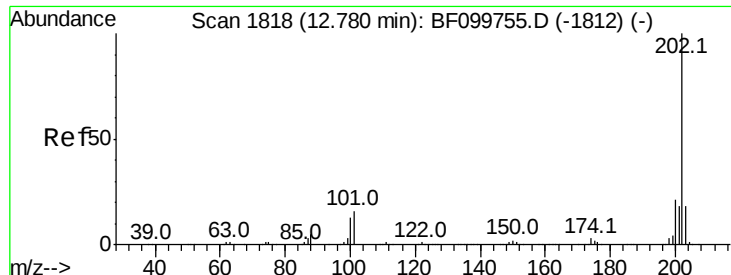
Sohil
11/1/2017 2:37:39 PM



#76
Benzidine
Concen: 31.242 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	12.0	9.3	13.9





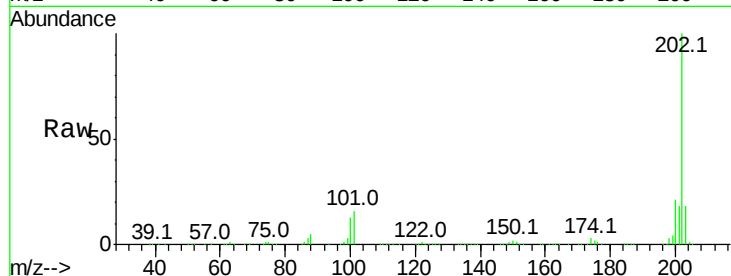
#77
Pvrene
Concen: 39.786 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	854435		
200	21.3		17.4	26.2
203	17.5		14.3	21.5

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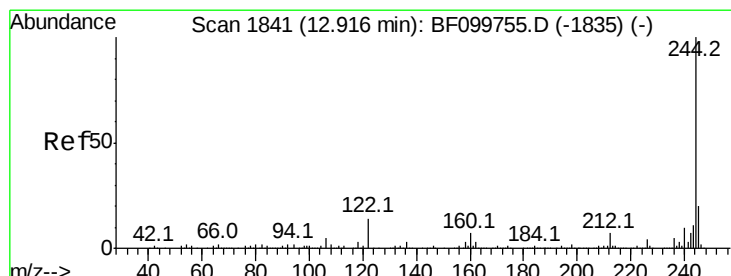
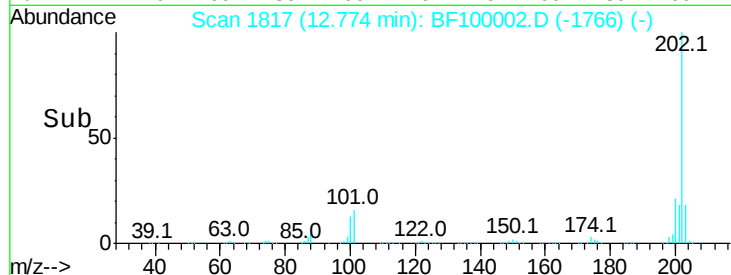
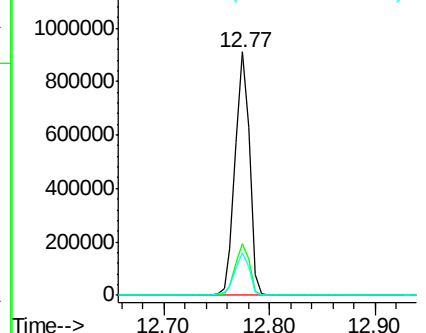


Abundance

Ion 202.00 (201.70 to 202.70): E

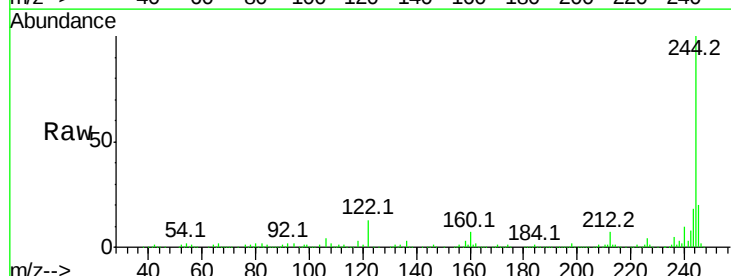
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 77.162 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	997208		
212	7.0		5.4	8.0
122	13.4		11.0	16.4

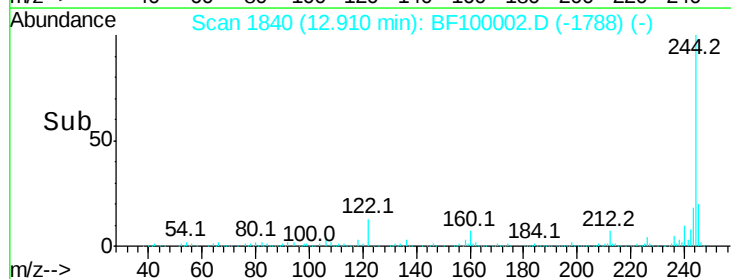
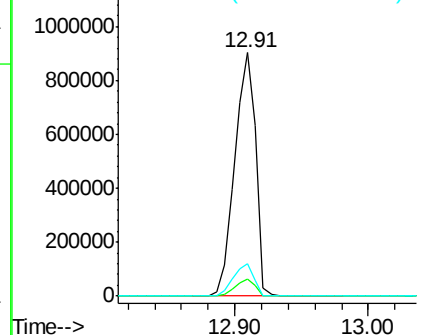


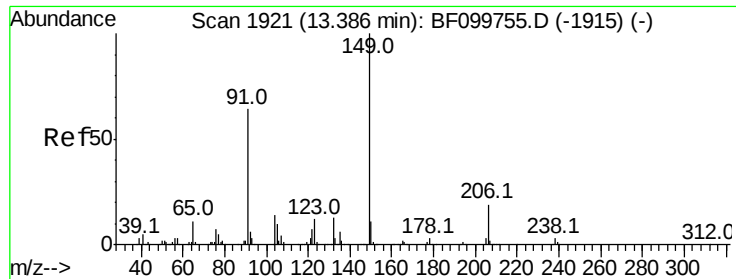
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





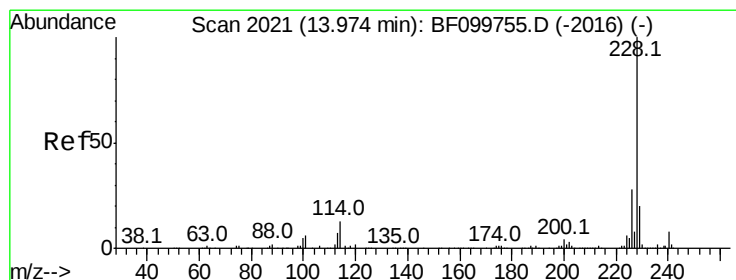
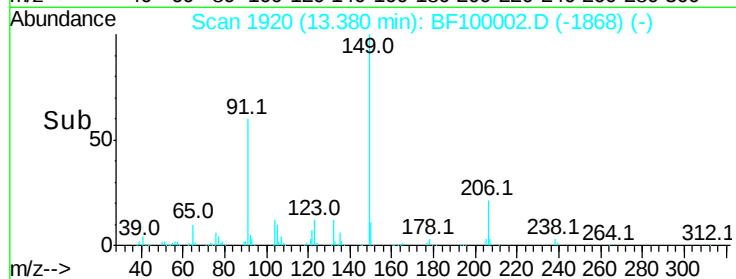
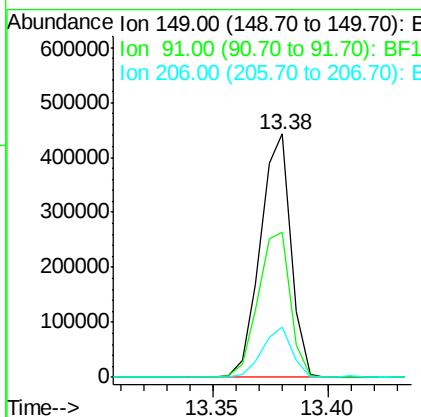
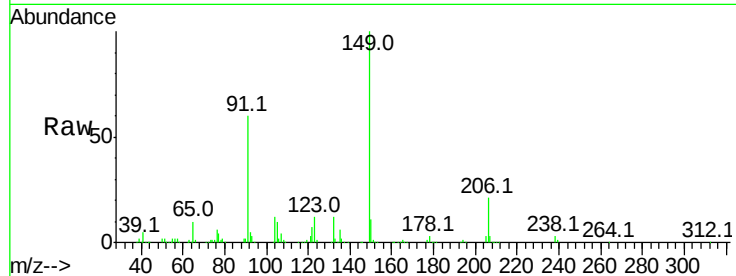
#79
 Butylbenzylphthalate
 Concen: 38.835 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion:	149	Resp:	410687
Ion Ratio	Lower	Upper	
149	100		
91	59.6	56.8	85.2
206	20.9	14.1	21.1

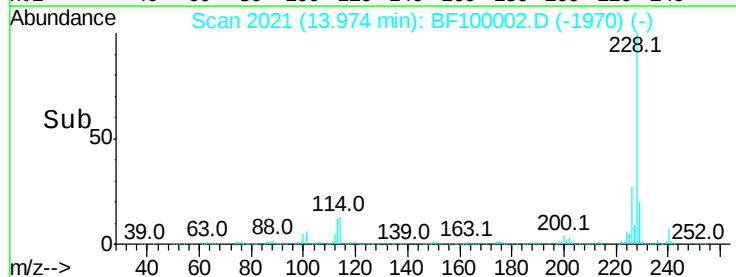
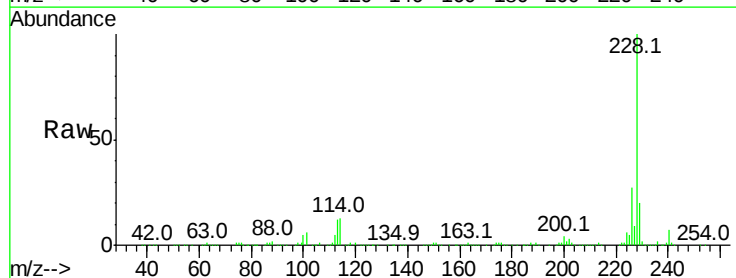
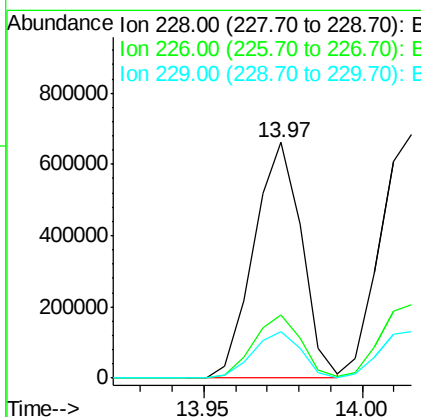
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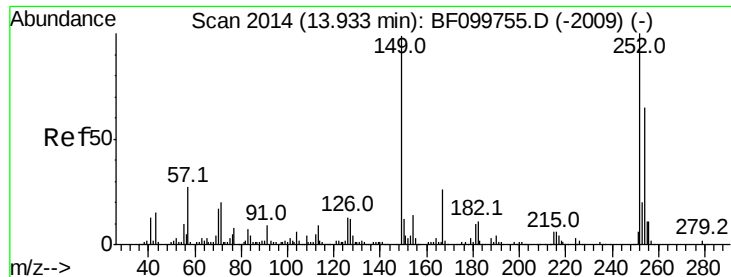
Sohil
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#80
 Benzo(a)anthracene
 Concen: 38.616 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Tgt Ion:	228	Resp:	691389
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	33.8
229	19.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 23.618 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

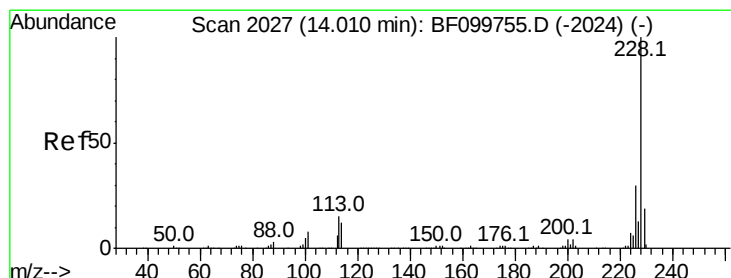
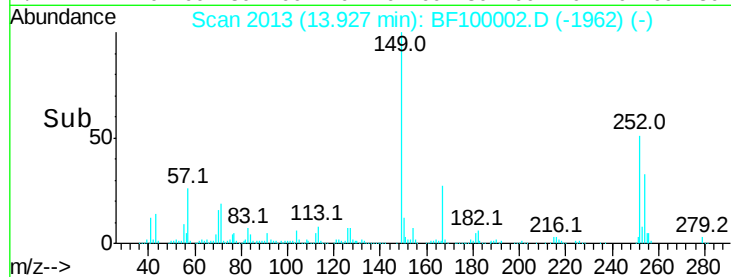
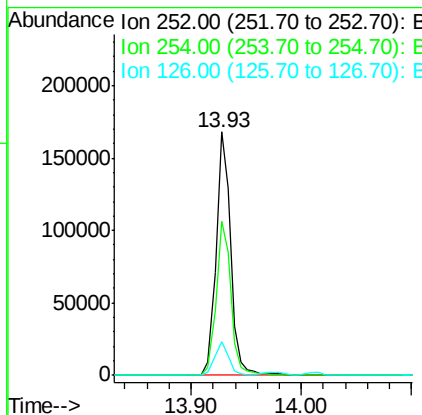
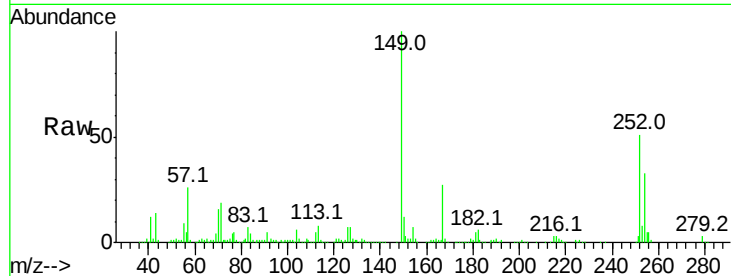
ClientSampled :

PB103742BS

Tot Ion:	252	Resp:	153495
Ion Ratio	Lower	Upper	
252	100		
254	63.4	50.4	75.6
126	13.8	11.3	16.9

Manual Integrations
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#82

Chrysene

Concen: 39.181 ng

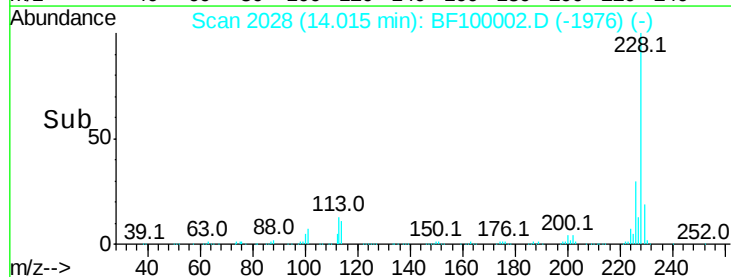
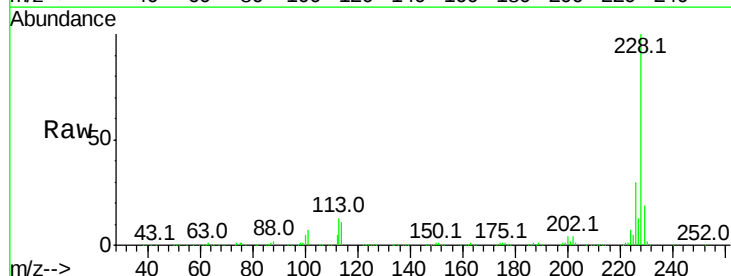
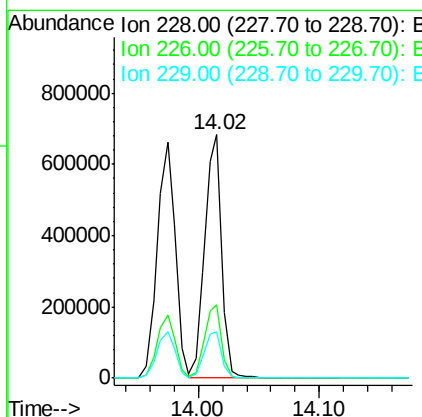
RT: 14.02 min Scan# 2028

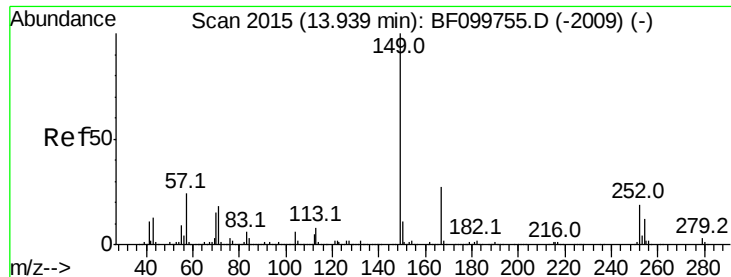
Delta R.T. 0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	228	Resp:	659495
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	19.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.549 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

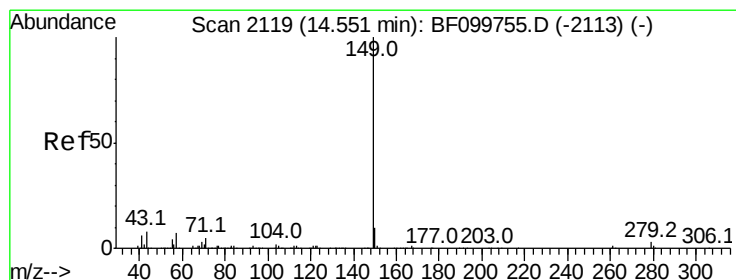
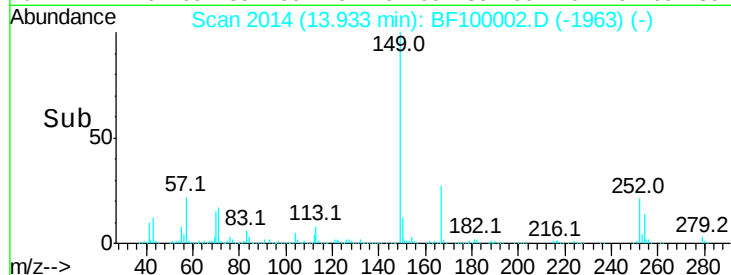
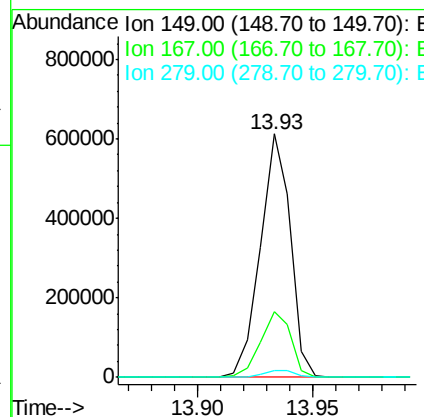
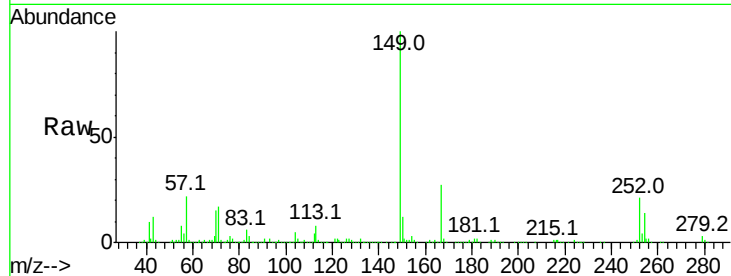
ClientSampleId :

PB103742BS

Tot Ion:	149	Resp:	557637
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 38.042 ng

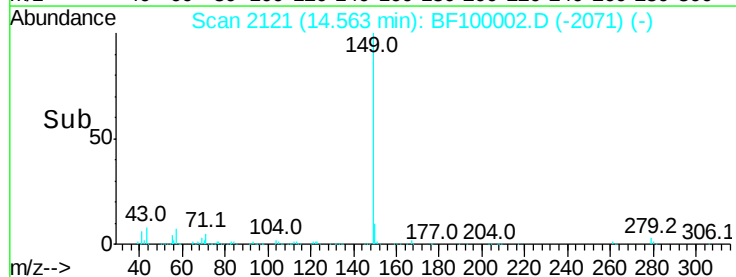
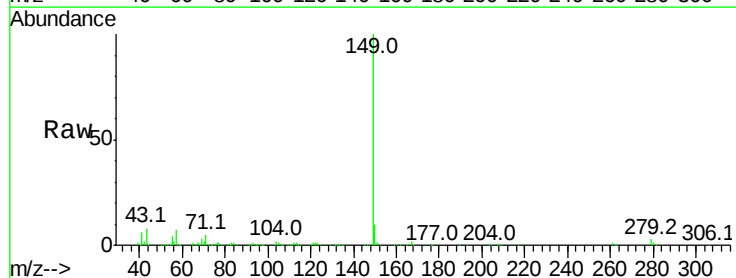
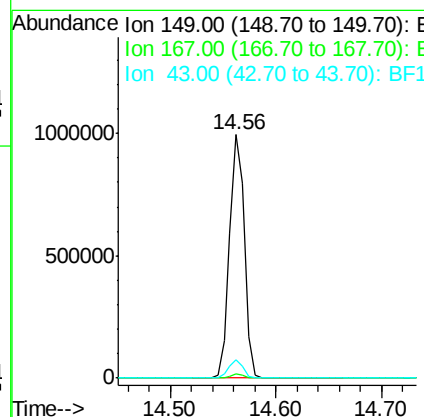
RT: 14.56 min Scan# 2121

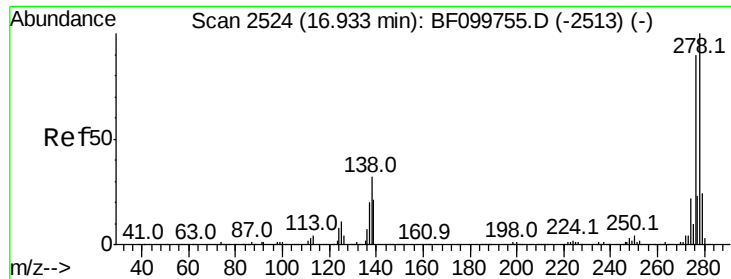
Delta R.T. -0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	149	Resp:	969683
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.3	8.4	12.6#





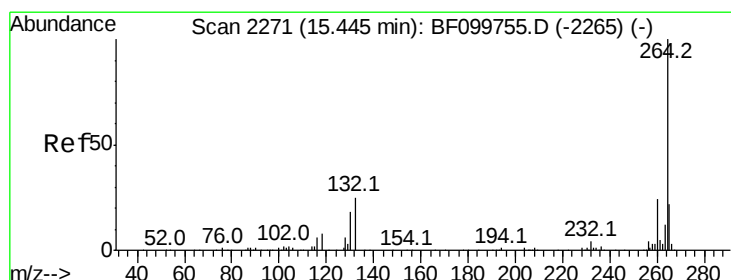
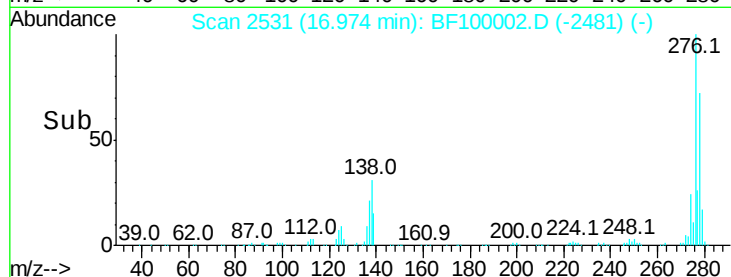
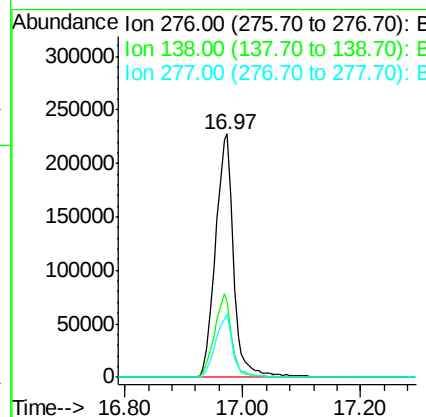
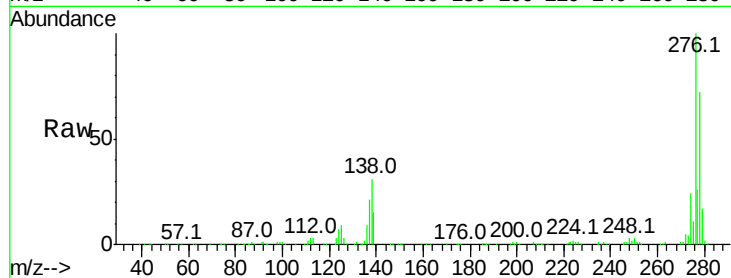
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.424 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.0	37.6
277	24.9	20.1	30.1

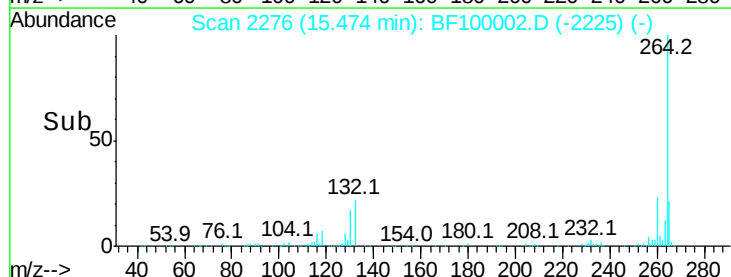
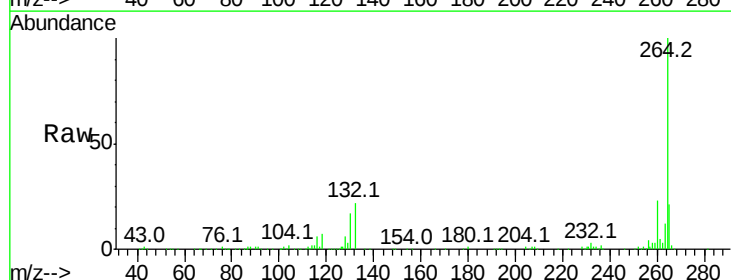
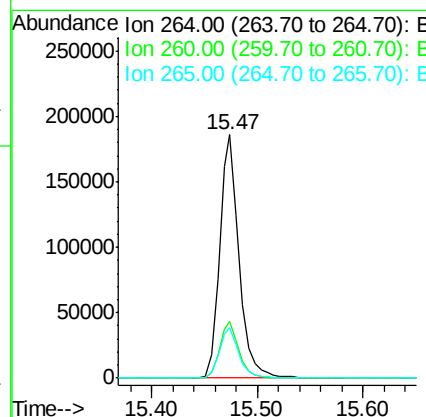
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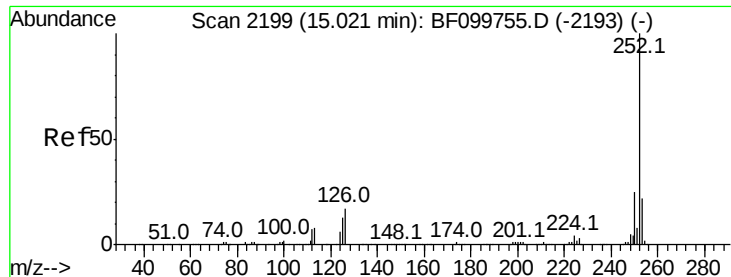
Sohil
11/1/2017 2:37:39 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF100002.D
Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.335 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Instrument :

BNA_F

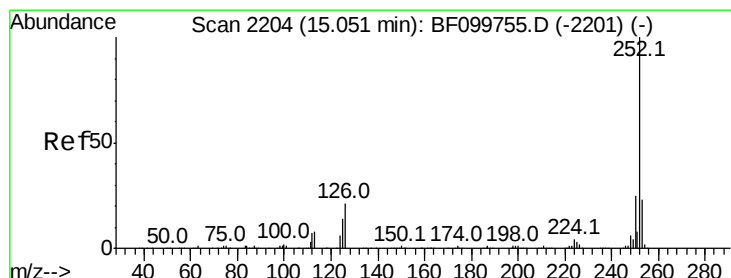
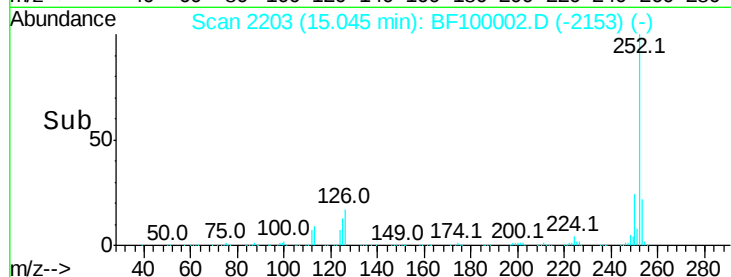
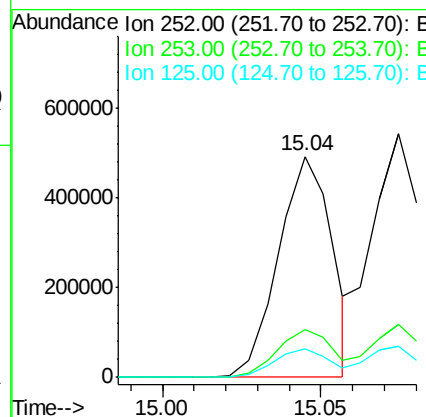
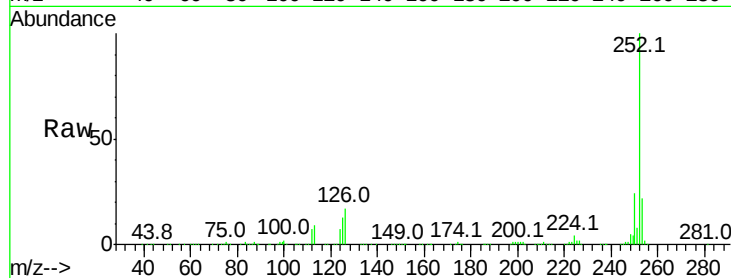
ClientSampleId :

PB103742BS

Tot Ion:	252	Resp:	579907
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	13.0	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.245 ng

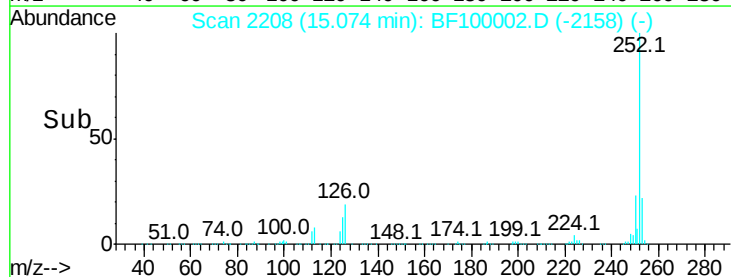
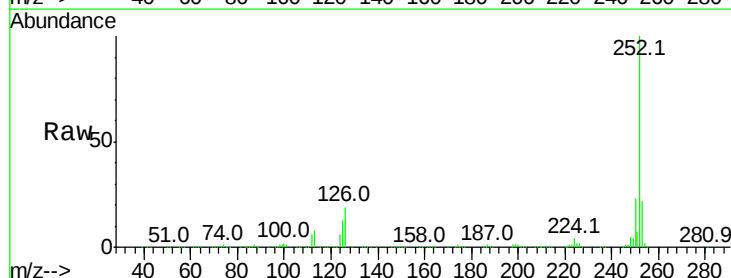
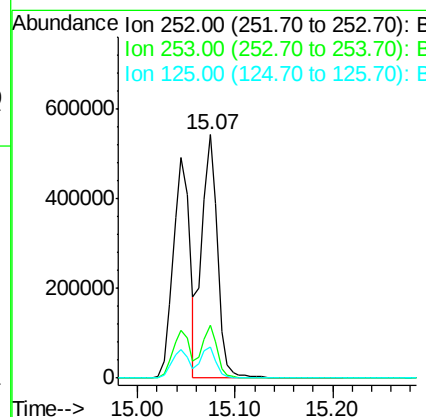
RT: 15.07 min Scan# 2208

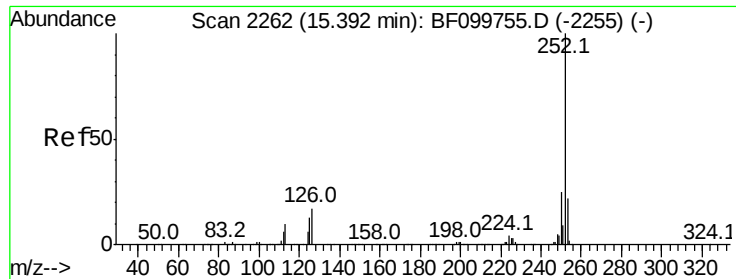
Delta R.T. -0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion:	252	Resp:	602598
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	12.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 40.121 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

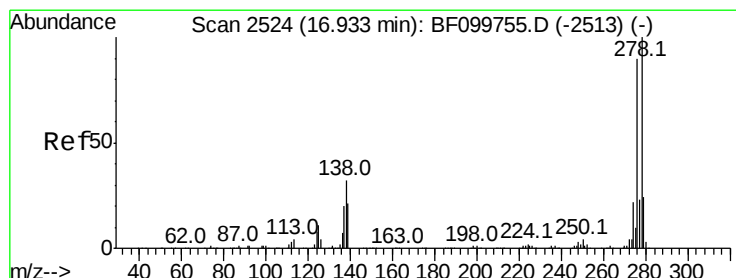
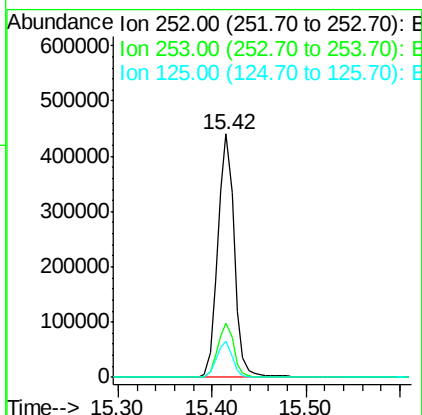
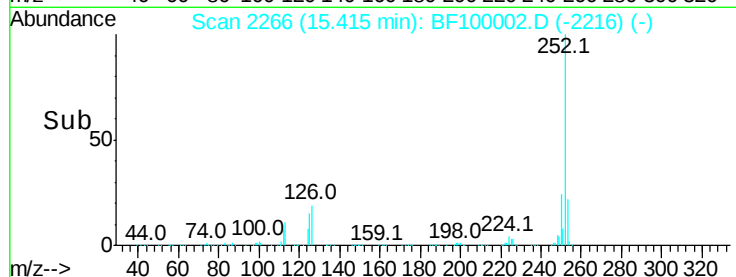
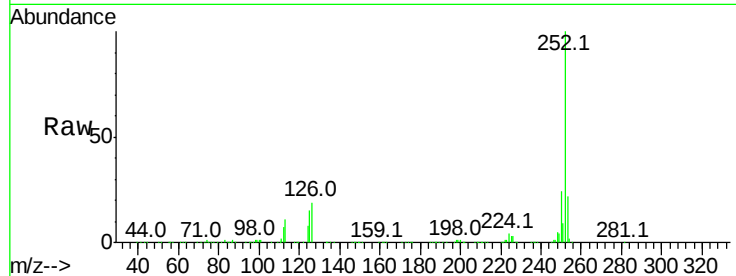
Instrument :
BNA_F

ClientSampleId :
PB103742BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.9	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 33.478 ng

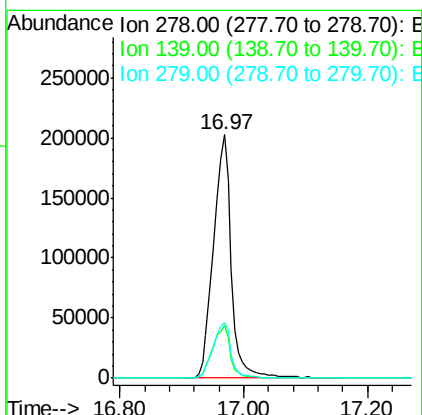
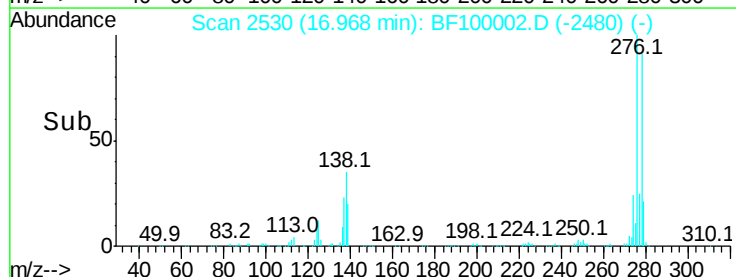
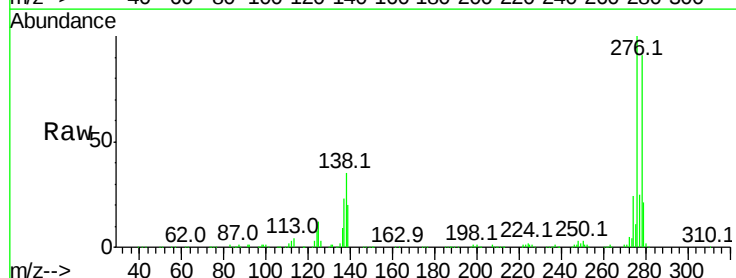
RT: 16.97 min Scan# 2530

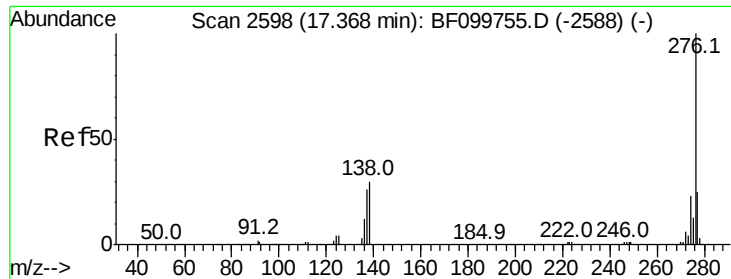
Delta R.T. -0.01 min

Lab File: BF100002.D

Acq: 31 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.9	23.9
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.852 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF100002.D
 Acq: 31 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103742BS

Tot Ion:	276	Resp:	399893
Ion Ratio	Lower	Upper	
276	100		
277	22.8	17.9	26.9
138	28.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:37:39 PM

