

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097031.D
 Acq On : 25 Jul 2017 16:18
 Operator : SJ/JU
 Sample : PB100892BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:54:26 PM

Quant Time: Jul 25 17:09:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139658	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	612266	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	259960	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	414115	20.00	ng	0.00
75) Chrysene-d12	13.63	240	244771	20.00	ng	0.00
86) Perylene-d12	14.97	264	220568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	703313	75.92	ng	0.01
7) Phenol-d6	6.17	99	800144	75.65	ng	0.00
23) Nitrobenzene-d5	7.07	82	746262	71.50	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	159200	77.51	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1173272	76.59	ng	0.00
78) Terphenyl-d14	12.59	244	891183	74.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	140397	36.315	ng	# 76
3) Pyridine	2.74	79	399746	33.767	ng	# 64
4) n-Nitrosodimethylamine	2.70	42	229806	35.040	ng	84
6) Aniline	6.16	93	250417	18.816	ng	# 70
8) 2-Chlorophenol	6.29	128	370236	37.374	ng	95
9) Benzaldehyde	6.04	77	133319	21.296	ng	97
10) Phenol	6.18	94	440740	35.133	ng	95
11) bis(2-Chloroethyl)ether	6.25	93	350785	35.354	ng	91
12) 1,3-Dichlorobenzene	6.44	146	403106	37.760	ng	99
13) 1,4-Dichlorobenzene	6.52	146	409471	38.704	ng	95
14) 1,2-Dichlorobenzene	6.67	146	329747	35.697	ng	98
15) Benzyl Alcohol	6.66	79	260527	38.907	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	704459	35.399	ng	76
17) 2-Methylphenol	6.79	107	279284	36.530	ng	# 89
18) Hexachloroethane	7.01	117	139093	35.937	ng	# 83
19) n-Nitroso-di-n-propylamine	6.93	70	267674	38.450	ng	# 85
20) 3+4-Methylphenols	6.94	107	391475	39.204	ng	# 62
22) Acetophenone	6.92	105	528315	35.932	ng	97
24) Nitrobenzene	7.09	77	367521	33.811	ng	97
25) Isophorone	7.33	82	790144	38.658	ng	97
26) 2-Nitrophenol	7.40	139	229680	39.056	ng	# 83
27) 2,4-Dimethylphenol	7.46	122	378284	38.995	ng	98
28) bis(2-Chloroethoxy)methane	7.55	93	515297	38.633	ng	99
29) 2,4-Dichlorophenol	7.66	162	327538	39.193	ng	97
30) 1,2,4-Trichlorobenzene	7.73	180	305623	38.367	ng	98
31) Naphthalene	7.80	128	1113294	38.574	ng	99
32) Benzoic acid	7.63	122	243311	33.589	ng	98
33) 4-Chloroaniline	7.86	127	151239	12.878	ng	96
34) Hexachlorobutadiene	7.93	225	154469	36.578	ng	96
35) Caprolactam	8.25	113	102680m	38.317	ng	
36) 4-Chloro-3-methylphenol	8.37	107	297230	32.601	ng	87
37) 2-Methylnaphthalene	8.50	142	642233	35.145	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	222553	32.085	ng	99
40) Hexachlorocyclopentadiene	8.65	237	186034	76.969	ng	98

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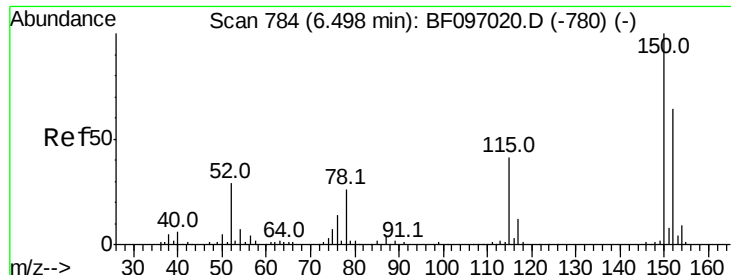
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	178353	35.482	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	172342	34.254	ng	96
45) 1,1'-Biphenyl	8.96	154	751705	33.854	ng	98
46) 2-Chloronaphthalene	8.98	162	571210	34.958	ng	93
47) 2-Nitroaniline	9.09	65	224141	37.798	ng	96
48) Acenaphthylene	9.39	152	915874	36.518	ng	99
49) Dimethylphthalate	9.27	163	727675	36.861	ng	99
50) 2,6-Dinitrotoluene	9.33	165	158237	37.793	ng #	88
51) Acenaphthene	9.56	154	534874	36.206	ng	99
52) 3-Nitroaniline	9.49	138	92950	17.885	ng	94
53) 2,4-Dinitrophenol	9.61	184	107961	56.711	ng #	72
54) Dibenzofuran	9.74	168	775098	39.390	ng	98
55) 4-Nitrophenol	9.69	139	209902	67.917	ng #	67
56) 2,4-Dinitrotoluene	9.73	165	181845	37.780	ng #	51
57) Fluorene	10.08	166	565124	38.211	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	145123	41.776	ng	98
59) Diethylphthalate	9.97	149	698146	38.548	ng	99
60) 4-Chlorophenyl-phenylether	10.07	204	240836	39.435	ng	96
61) 4-Nitroaniline	10.11	138	168009	34.023	ng	91
62) Azobenzene	10.23	77	692217	41.200	ng	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	81780	31.780	ng	89
65) n-Nitrosodiphenylamine	10.20	169	560529	38.902	ng	98
66) 4-Bromophenyl-phenylether	10.56	248	165672	40.088	ng	98
67) Hexachlorobenzene	10.63	284	170244	36.735	ng	95
68) Atrazine	10.73	200	166254	40.238	ng	95
69) Pentachlorophenol	10.83	266	143313	74.738	ng	97
70) Phenanthrene	11.03	178	861058	38.807	ng	99
71) Anthracene	11.08	178	889221	39.128	ng	99
72) Carbazole	11.24	167	822069	36.781	ng	99
73) Di-n-butylphthalate	11.58	149	1095766	39.662	ng	100
74) Fluoranthene	12.21	202	820664	37.754	ng	98
76) Benzidine	12.33	184	263352	28.997	ng #	92
77) Pyrene	12.43	202	849054	42.371	ng	99
79) Butylbenzylphthalate	13.07	149	441992	43.362	ng #	82
80) Benzo(a)anthracene	13.62	228	625789	39.513	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	141263	23.652	ng #	96
82) Chrysene	13.66	228	621797	40.207	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	568260	42.698	ng	99
84) Di-n-octyl phthalate	14.24	149	1002795	41.059	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	520665	39.263	ng	95
87) Benzo(b)fluoranthene	14.62	252	527431	39.780	ng	97
88) Benzo(k)fluoranthene	14.64	252	454078	35.940	ng	96
89) Benzo(a)pyrene	14.92	252	475382	39.175	ng	98
90) Dibenzo(a,h)anthracene	16.22	278	420870	42.294	ng	98
91) Benzo(g,h,i)perylene	16.57	276	450576	43.177	ng	99

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



#1

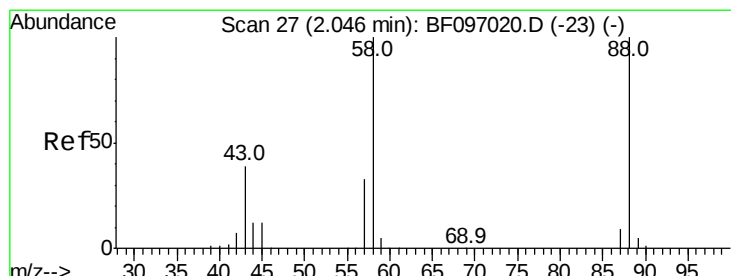
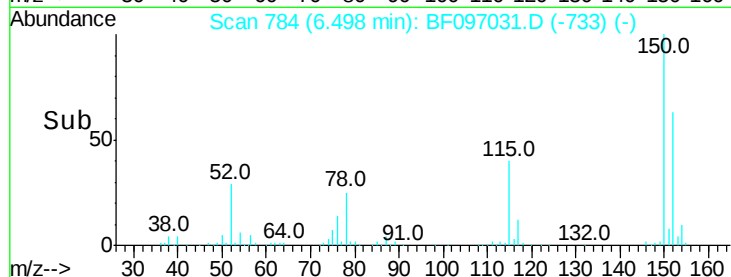
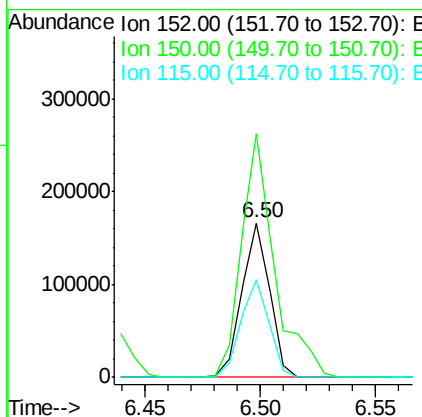
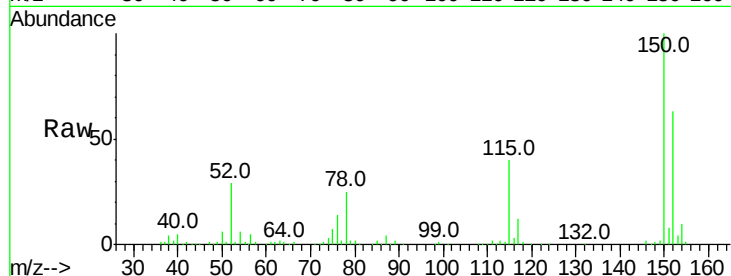
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	63.5	52.2	78.2

Manual Integrations
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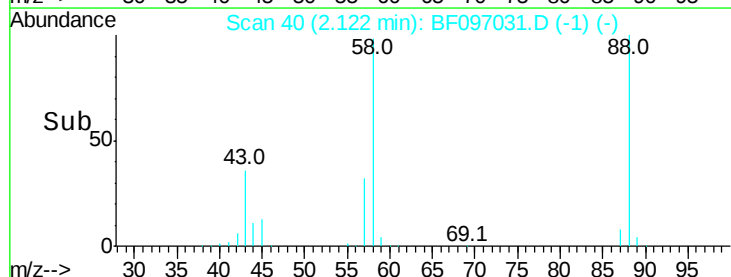
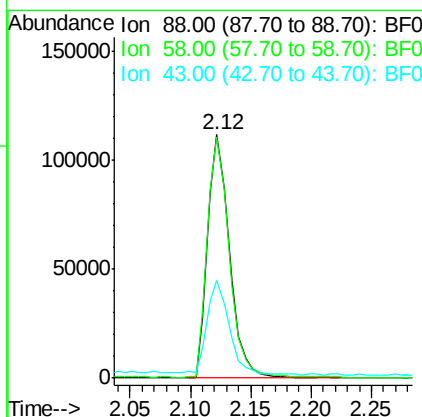
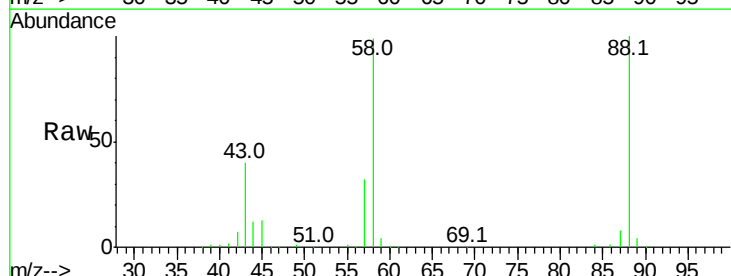
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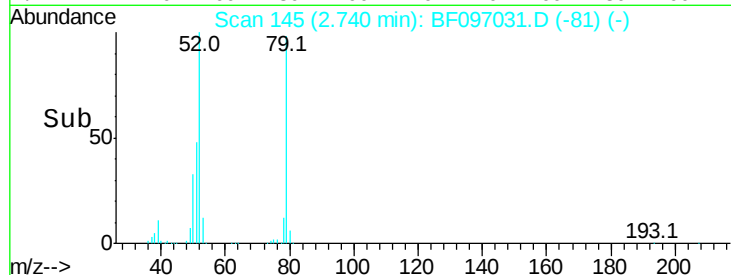
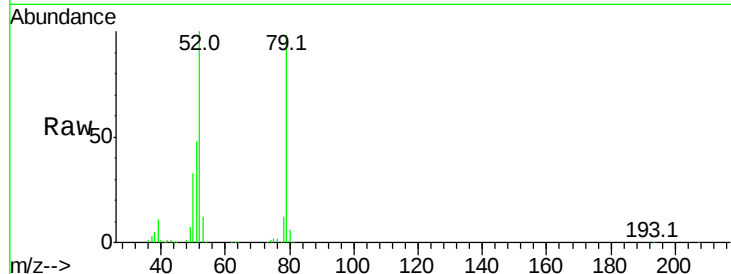
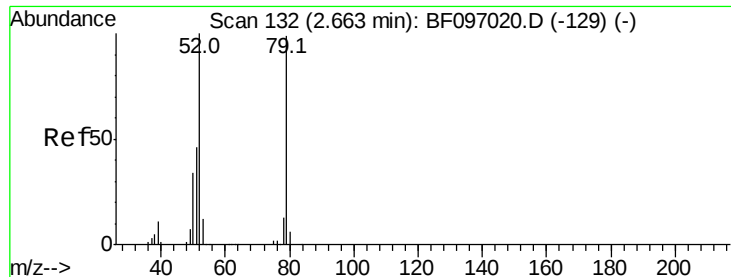


#2

1,4-Dioxane
Concen: 36.315 ng
RT: 2.12 min Scan# 40
Delta R.T. 0.08 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	61.4	92.0#
43	39.8	23.4	35.0#





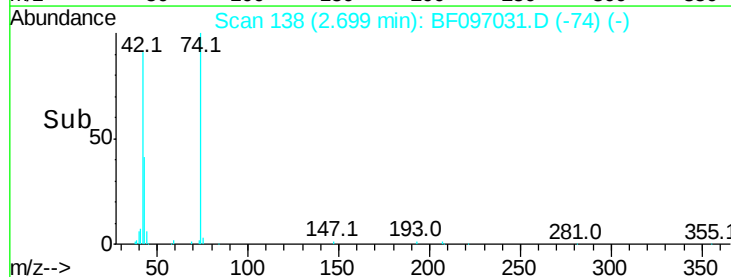
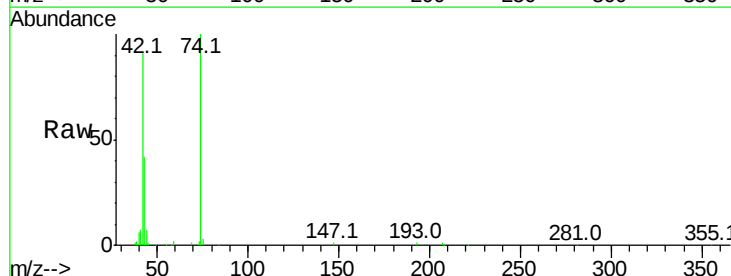
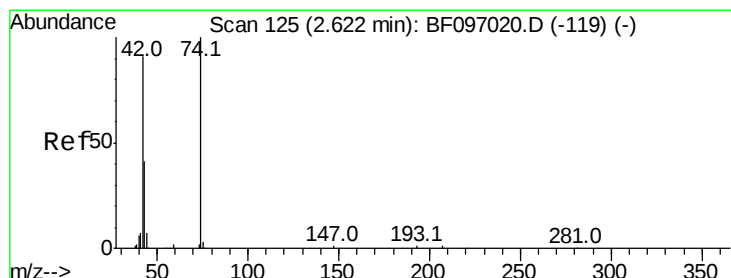
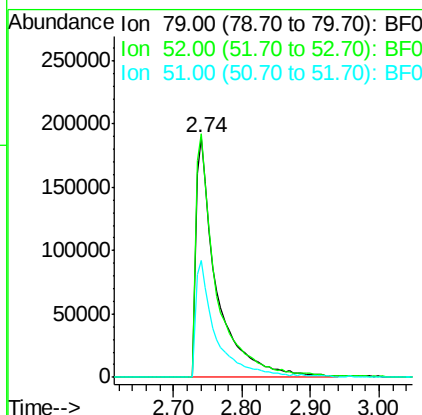
#3
Pvridine
Concen: 33.767 ng
RT: 2.74 min Scan# 145
Delta R.T. 0.08 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.6	54.8	82.2#
51	48.5	27.0	40.4#

Instrument :
BNA_F
ClientSampled :
PB100892BSD

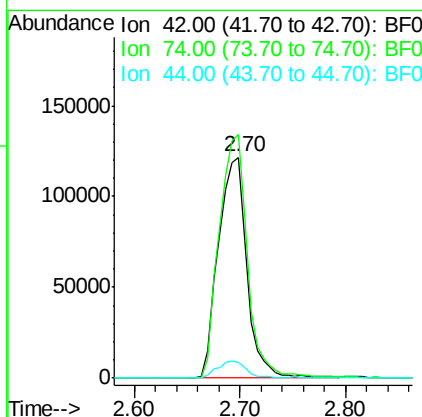
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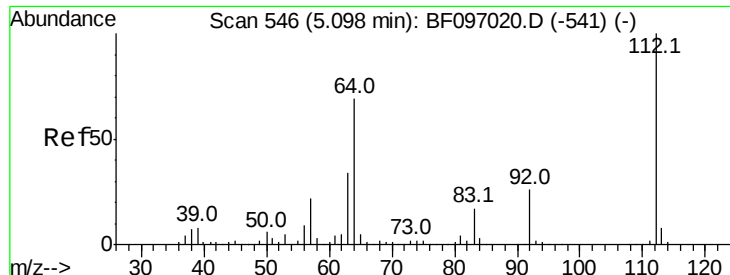
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#4
n-Nitrosodimethylamine
Concen: 35.040 ng
RT: 2.70 min Scan# 138
Delta R.T. 0.08 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.2	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 75.917 ng

RT: 5.11 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

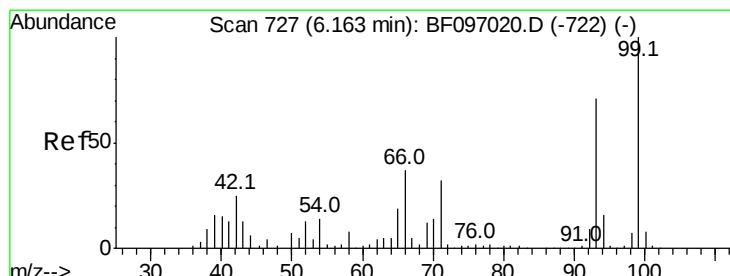
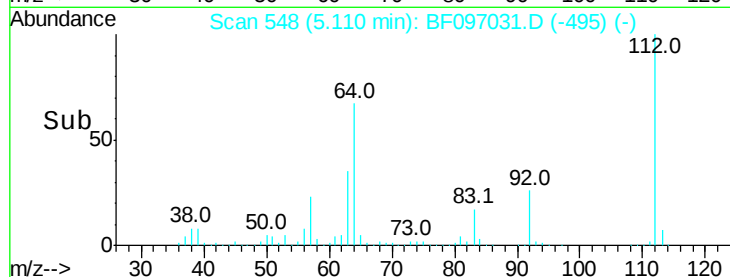
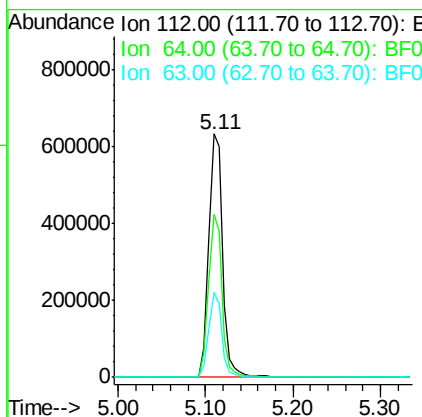
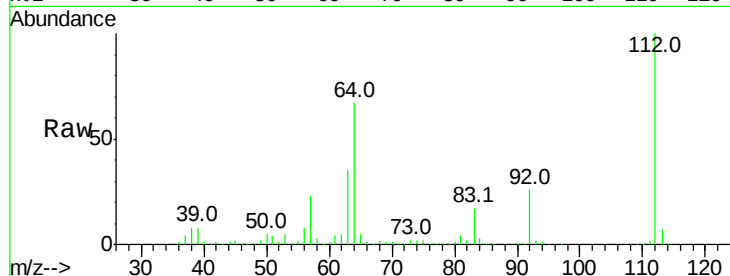
ClientSampleId :

PB100892BSD

Tot Ion:	112	Resp:	703313
Ion Ratio	Lower	Upper	
112	100		
64	66.7	46.0	69.0
63	34.6	23.4	35.0

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#6

Aniline

Concen: 18.816 ng

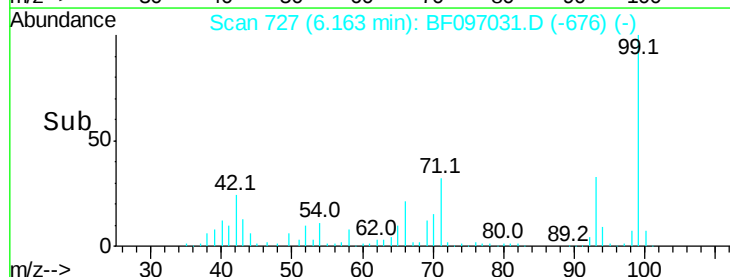
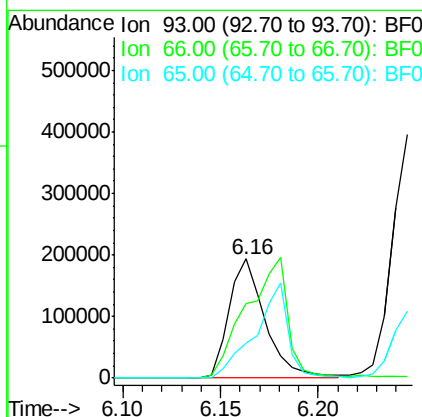
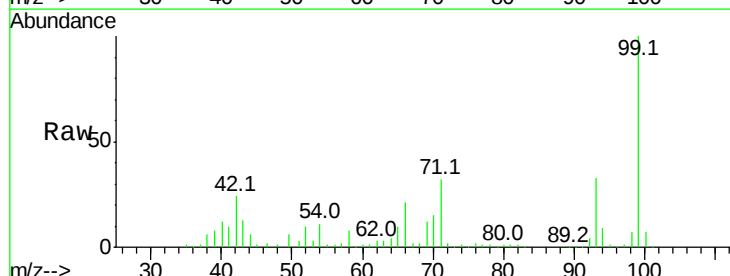
RT: 6.16 min Scan# 727

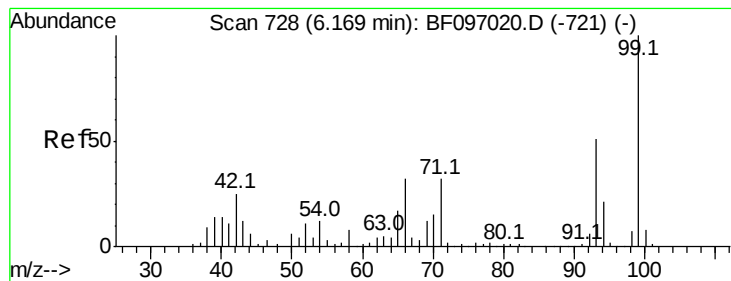
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	93	Resp:	250417
Ion Ratio	Lower	Upper	
93	100		
66	63.2	32.9	49.3#
65	29.1	16.0	24.0#





#7

Phenol-d6

Concen: 75.655 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

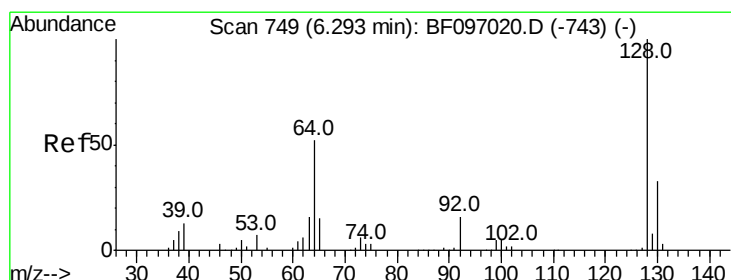
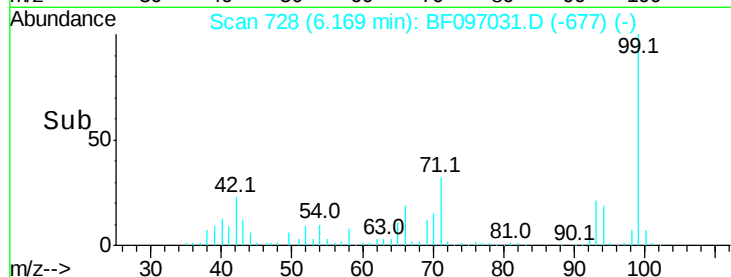
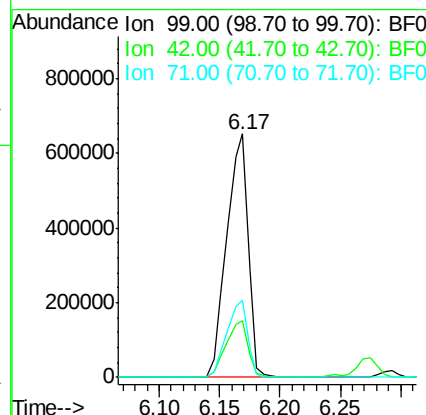
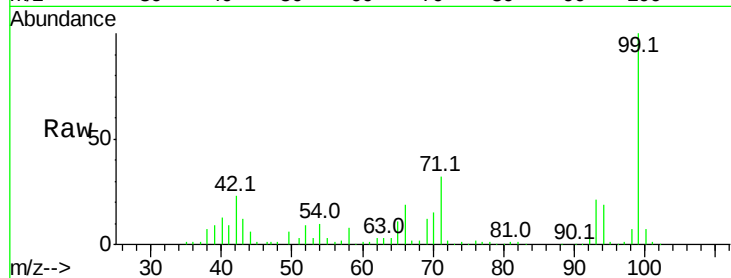
PB100892BSD

Tot Ion:	99	Resp:	800144
Ion Ratio	Lower	Upper	
99	100		
42	23.1	13.5	20.3#
71	31.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 37.374 ng

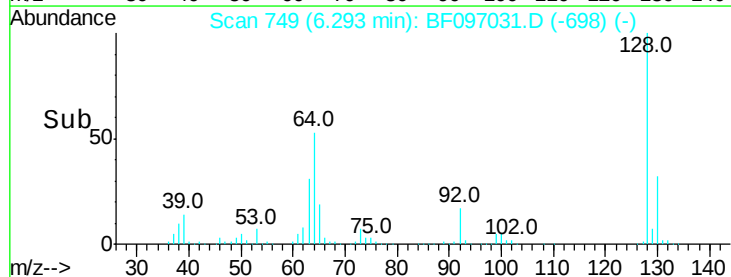
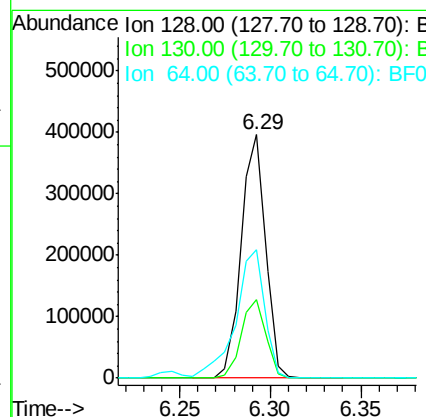
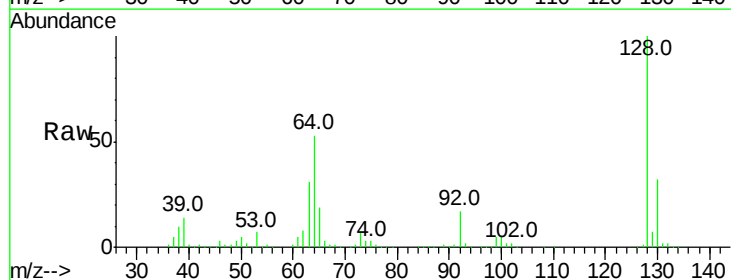
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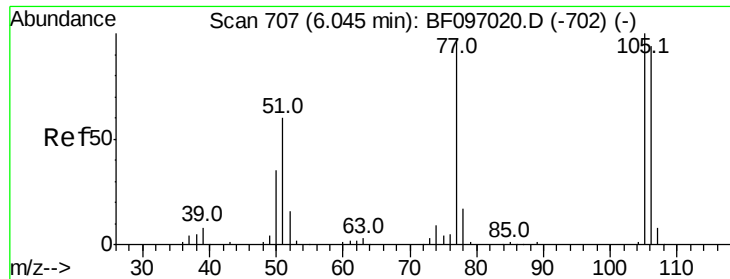
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	128	Resp:	370236
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	53.0	28.4	68.4





#9

Benzaldehyde

Concen: 21.296 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

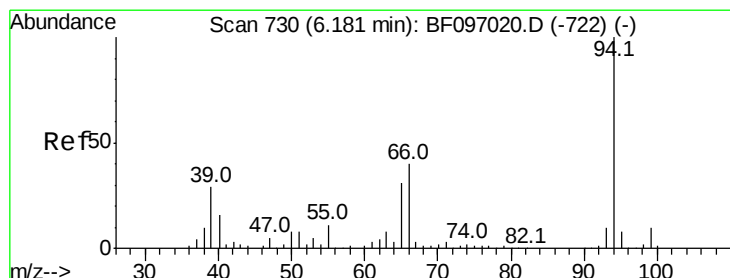
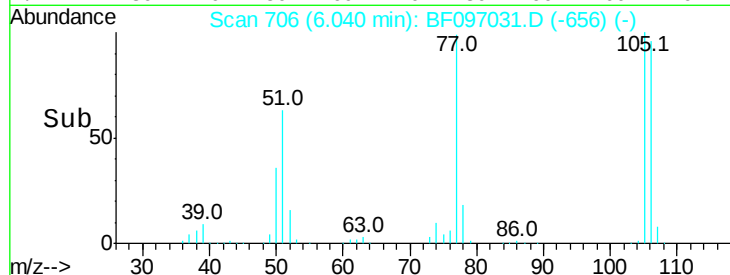
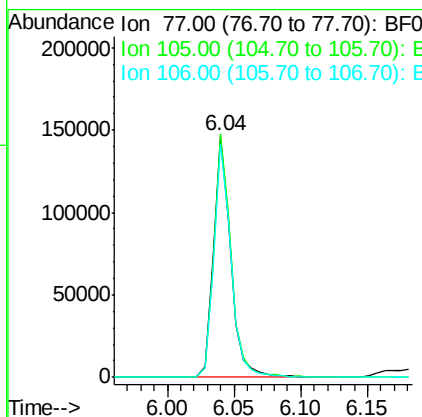
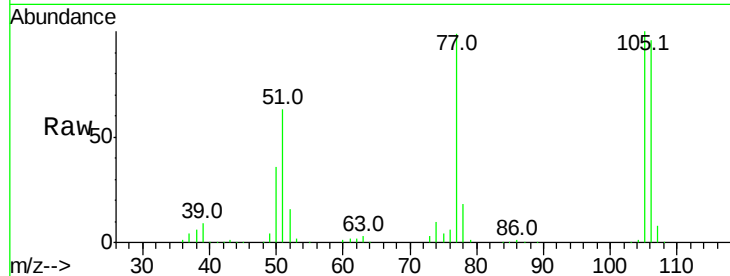
ClientSampleId :

PB100892BSD

Tot Ion:	77	Resp:	133319
Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.8	123.8
106	96.5	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 35.133 ng

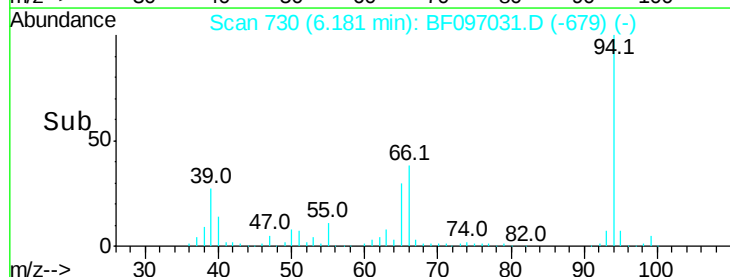
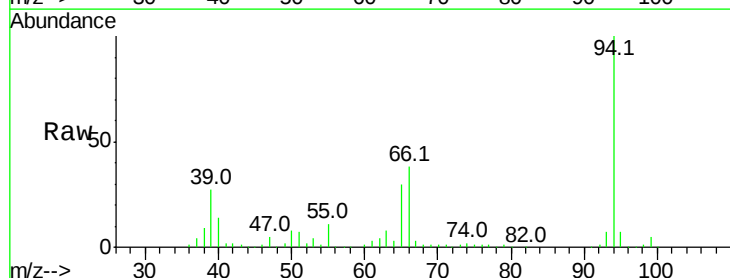
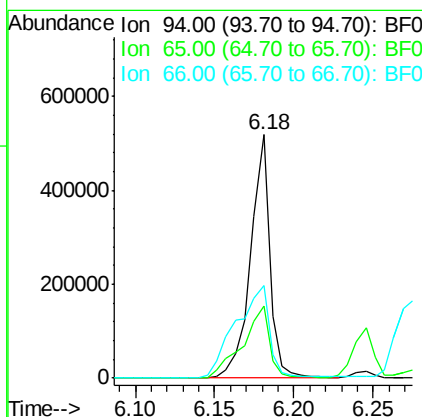
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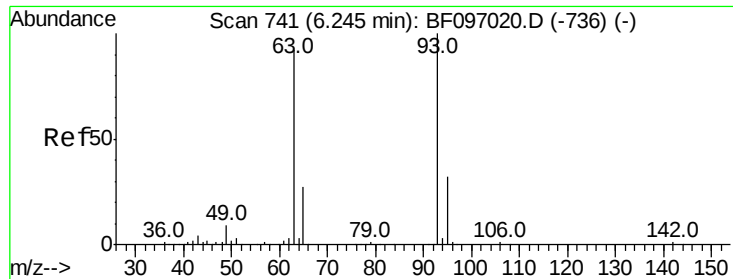
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	94	Resp:	440740
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	38.0	23.1	63.1





#11

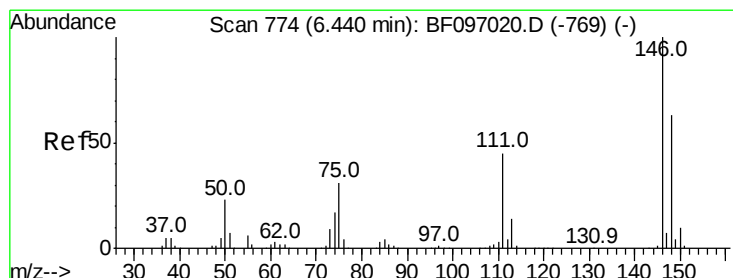
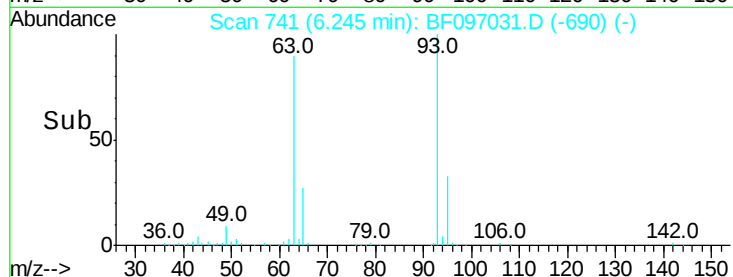
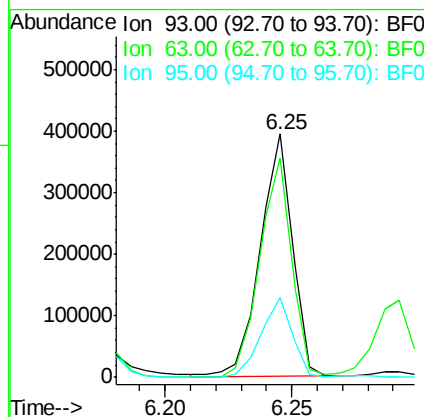
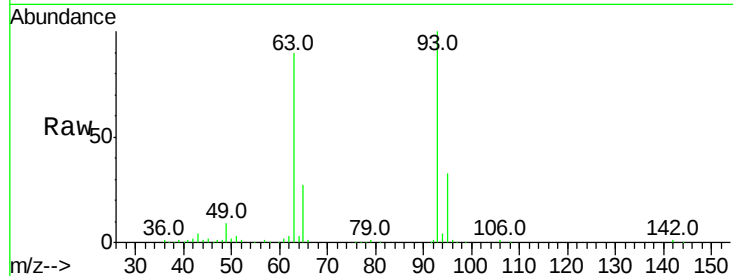
bis(2-Chloroethyl)ether
Concen: 35.354 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion:	93	Resp:	350785
Ion Ratio	Lower	Upper	
93	100		
63	90.1	59.2	99.2
95	32.7	12.8	52.8

Manual Integrations
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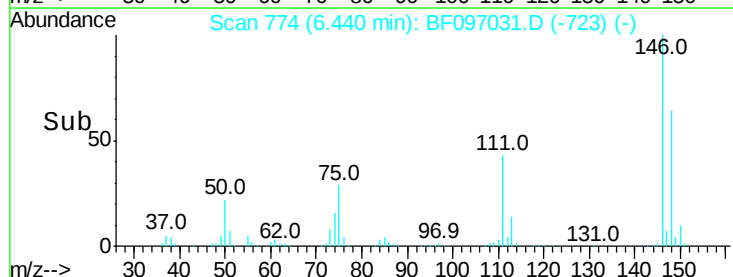
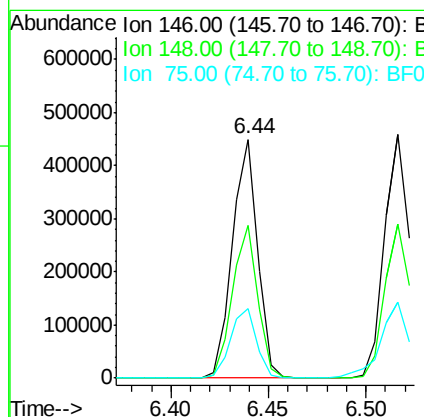
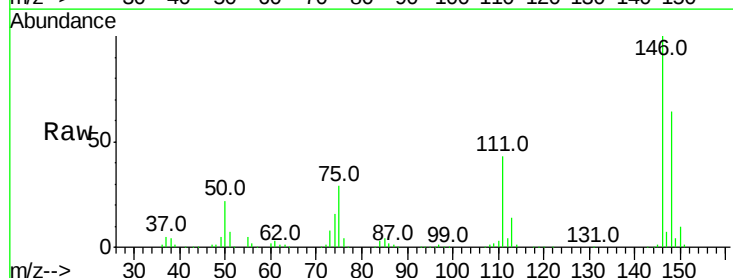
Sohil
7/26/2017 5:54:26 PM

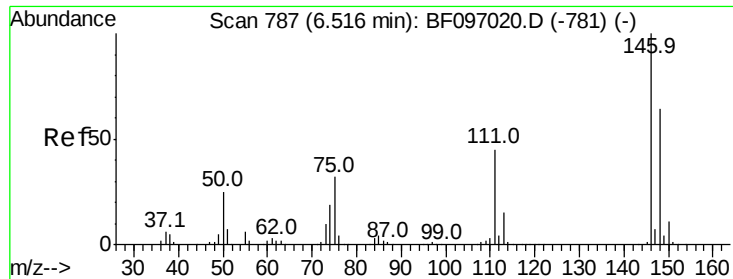


#12

1,3-Dichlorobenzene
Concen: 37.760 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion:	146	Resp:	403106
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	29.1	23.1	34.7





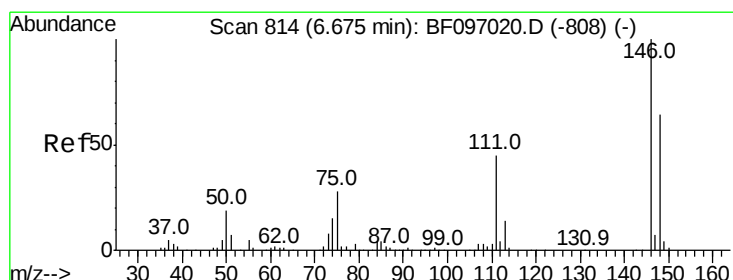
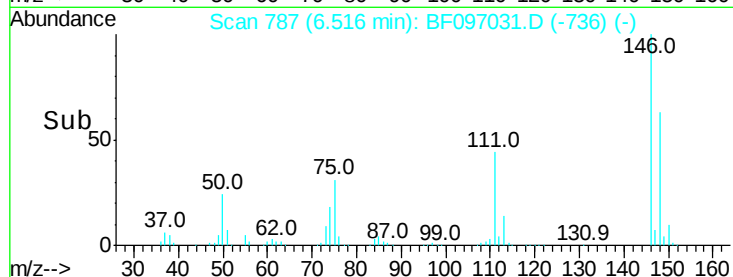
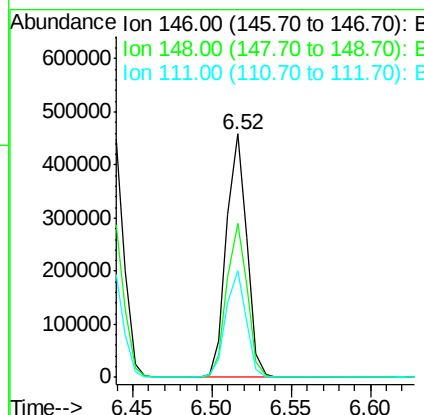
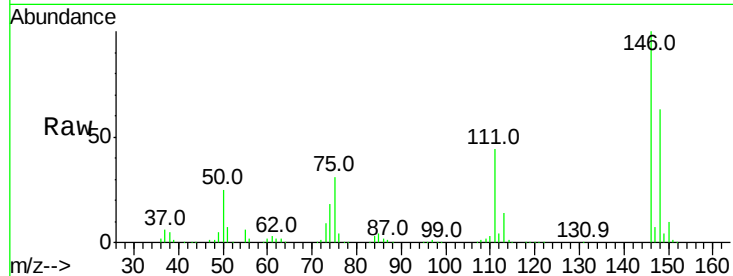
#13
 1,4-Dichlorobenzene
 Concen: 38.704 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	43.6	30.3	45.5

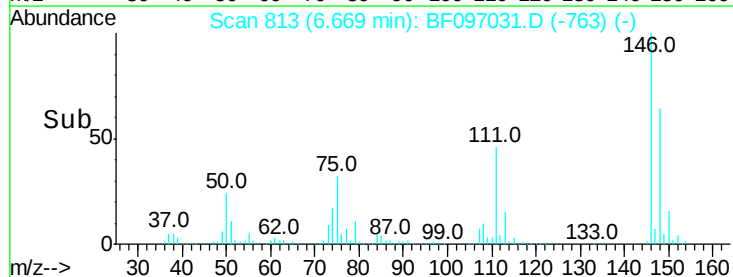
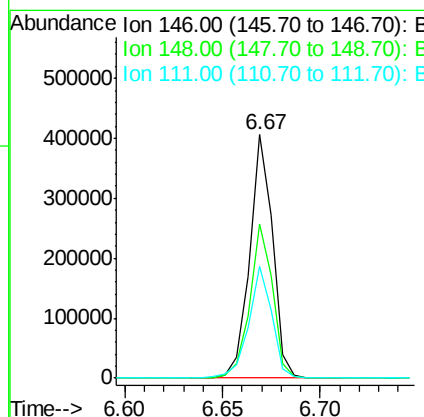
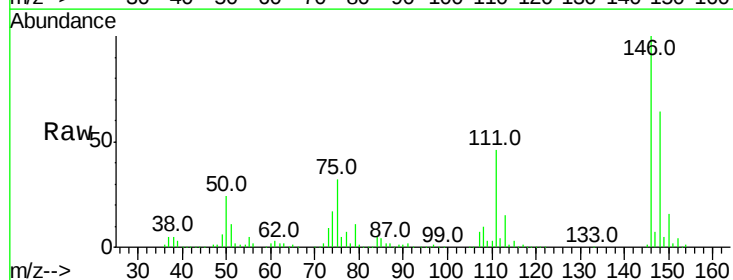
Manual Integrations
 APPROVED

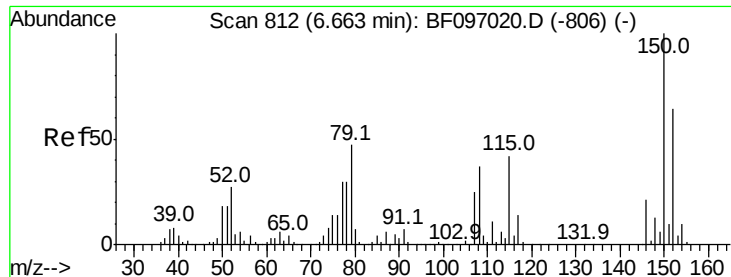
Sohil
 7/26/2017 5:54:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.697 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	45.8	38.2	57.4





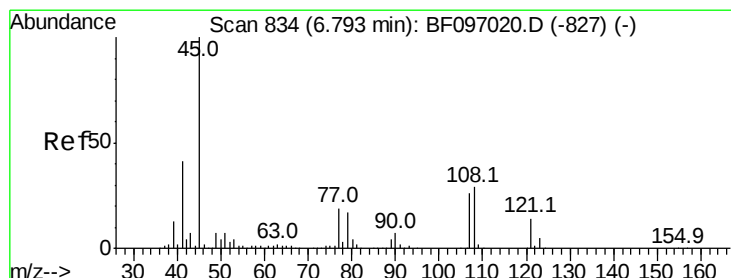
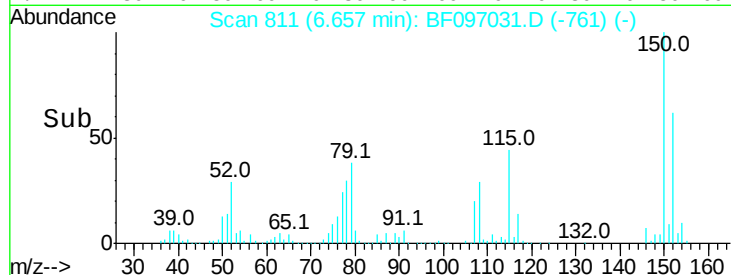
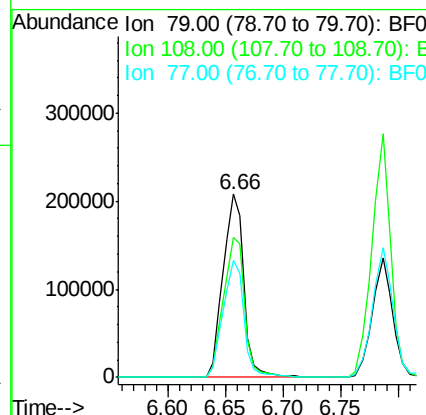
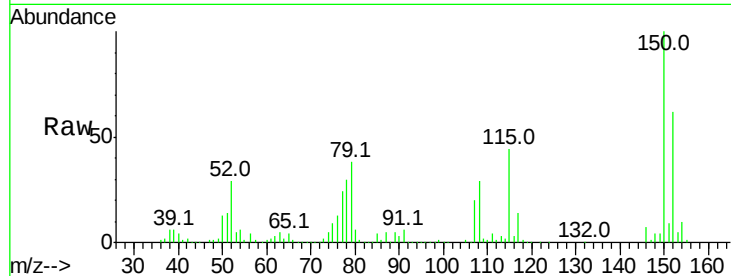
#15
Benzyl Alcohol
Concen: 38.907 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	63.4	95.0
77	64.0	49.2	73.8

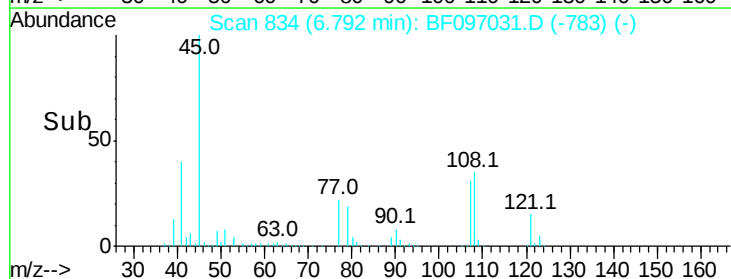
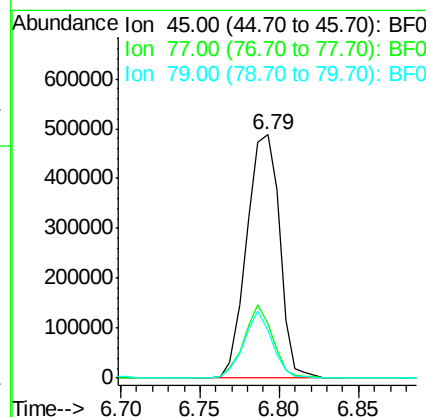
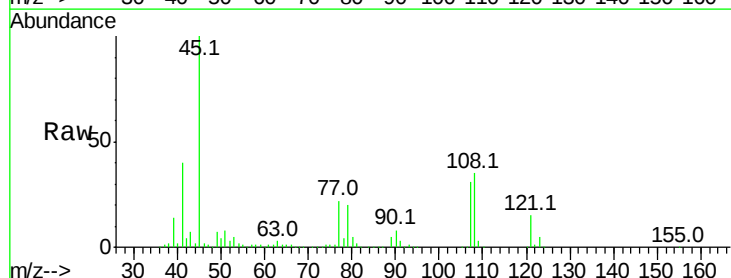
Manual Integrations
APPROVED

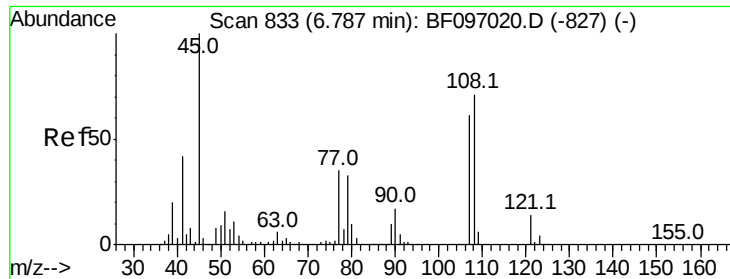
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.399 ng
RT: 6.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	33.2
79	19.6	0.0	30.0





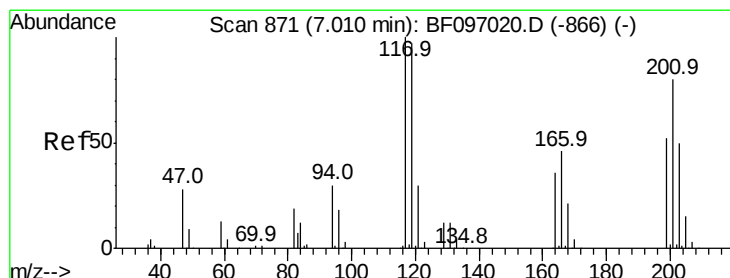
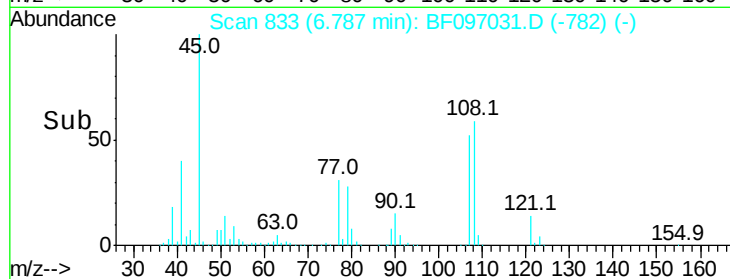
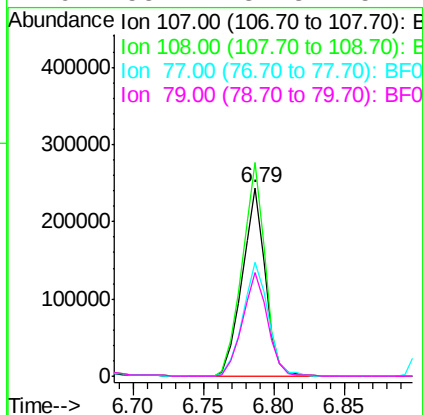
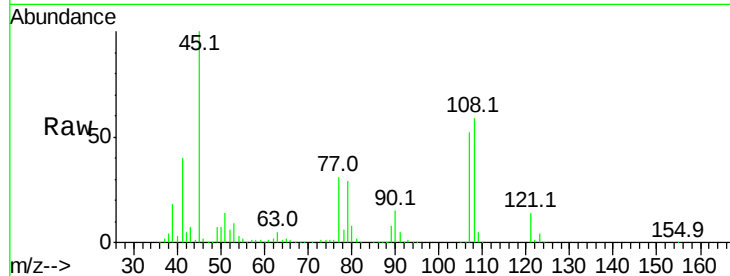
#17
2-Methylphenol
Concen: 36.530 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	279284		
108	113.3	93.4	140.0	
77	60.1	35.8	53.6#	
79	55.4	34.8	52.2#	

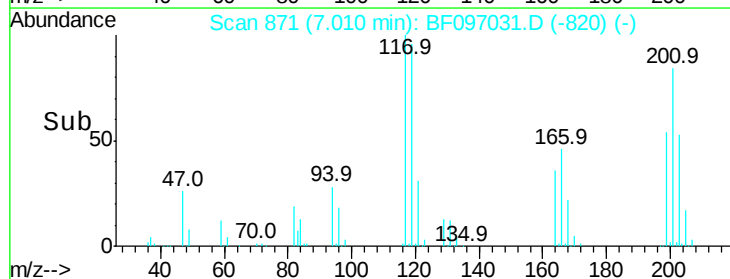
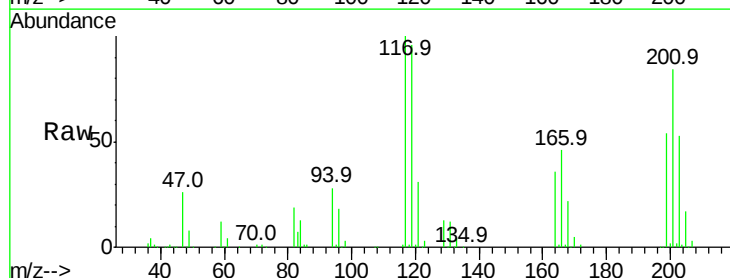
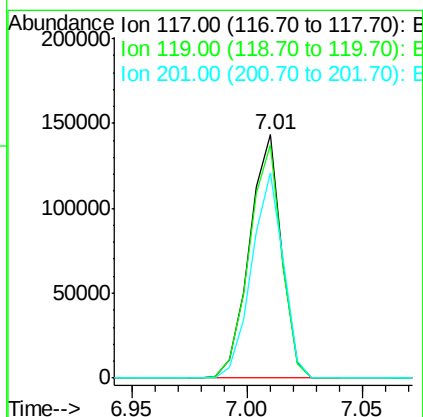
Manual Integrations
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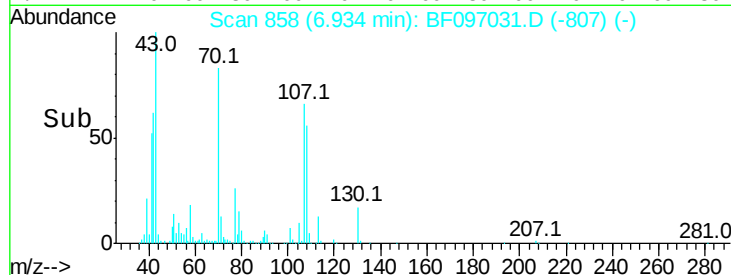
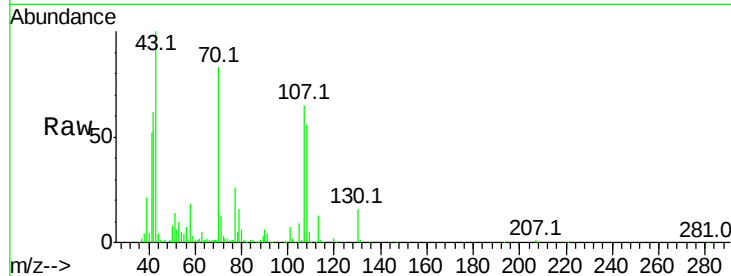
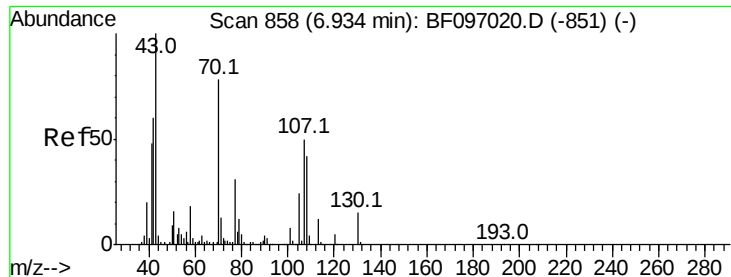
Sohil
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#18
Hexachloroethane
Concen: 35.937 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139093		
119	95.9	77.4	116.0	
201	84.3	94.6	141.8#	





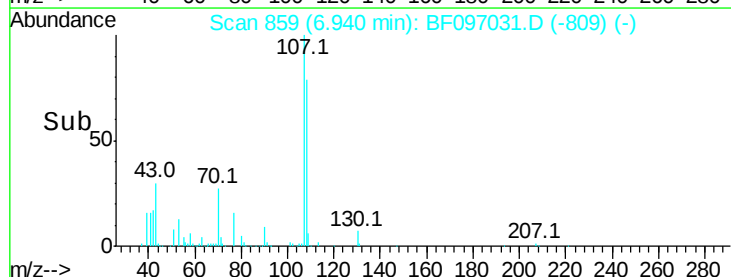
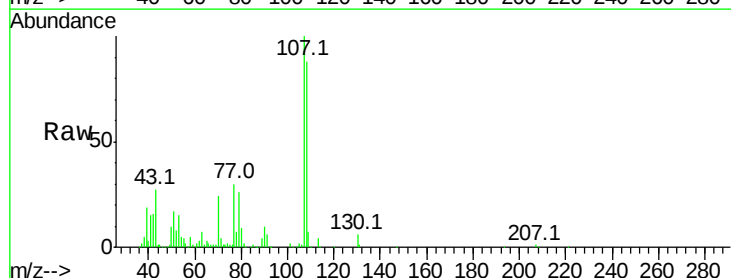
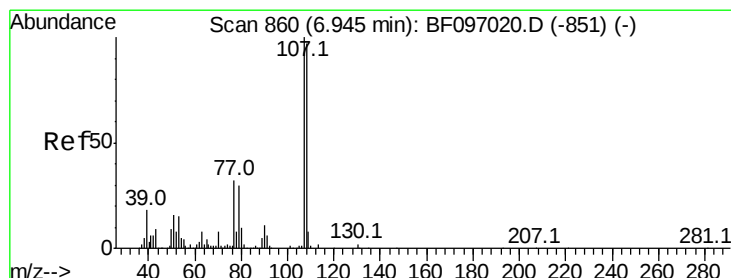
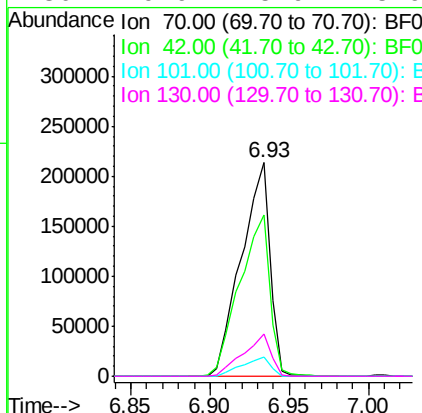
#19
n-Nitroso-di-n-propylamine
Concen: 38.450 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.5	47.2	70.8#
101	9.0	7.2	10.8
130	19.9	15.9	23.9

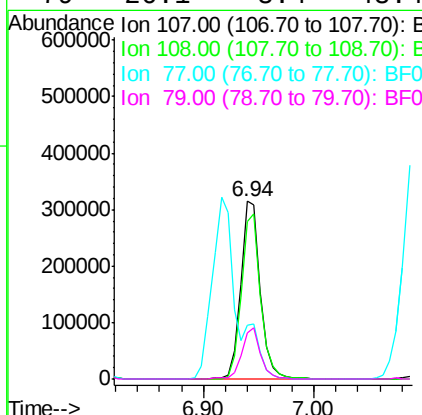
Manual Integrations
APPROVED

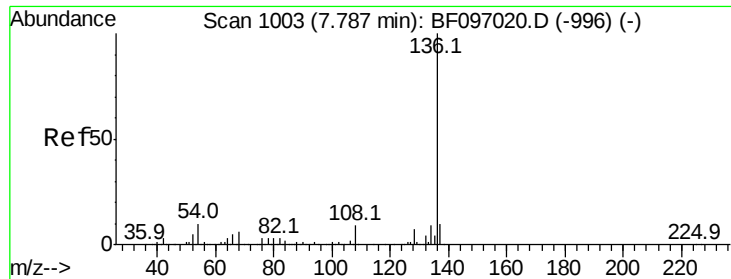
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#20
3+4-Methylphenols
Concen: 39.204 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	30.2	90.5	130.5#
79	26.1	8.4	48.4





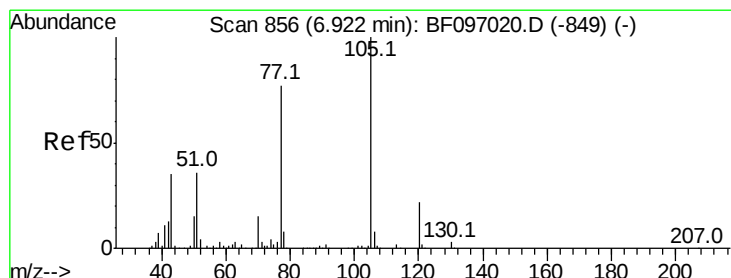
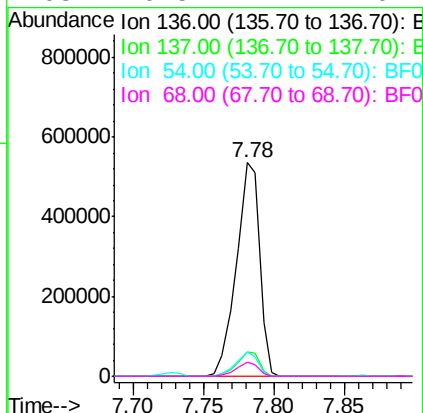
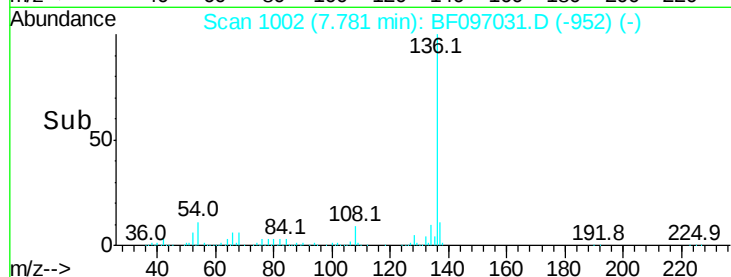
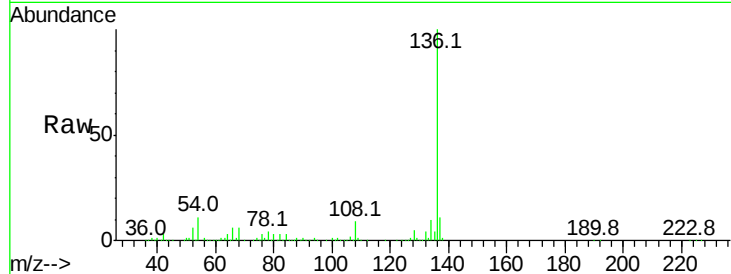
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	11.3	4.9	7.3#	
68	6.5	4.1	6.1#	

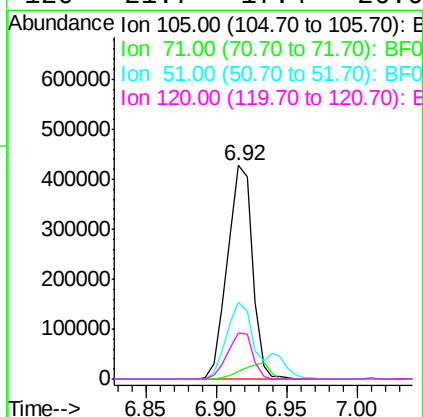
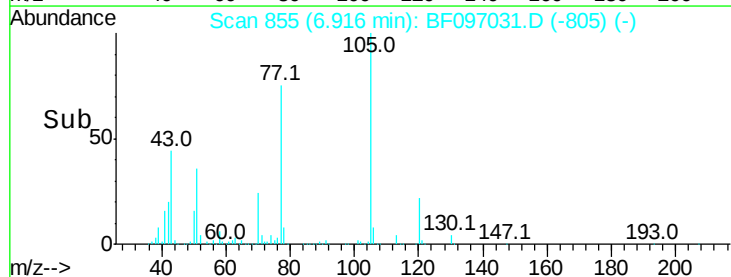
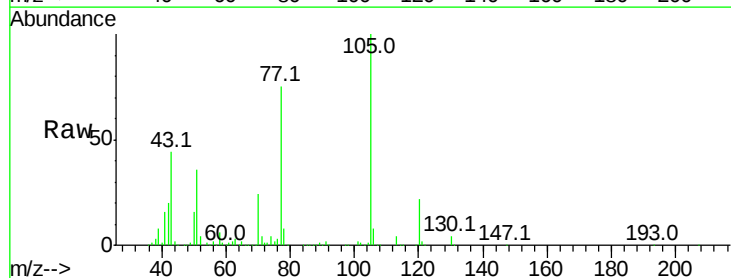
Manual Integrations
APPROVED

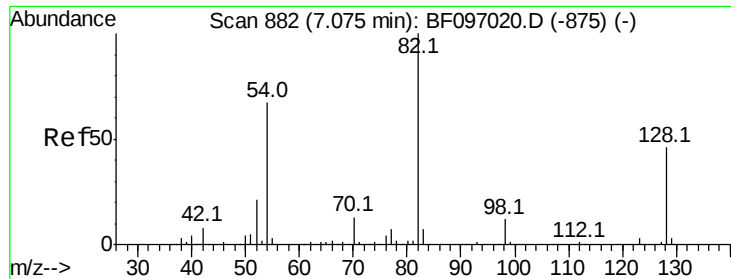
Sohil
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#22
Acetophenone
Concen: 35.932 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	2.8	4.2	
51	35.9	30.7	46.1	
120	21.7	17.4	26.0	





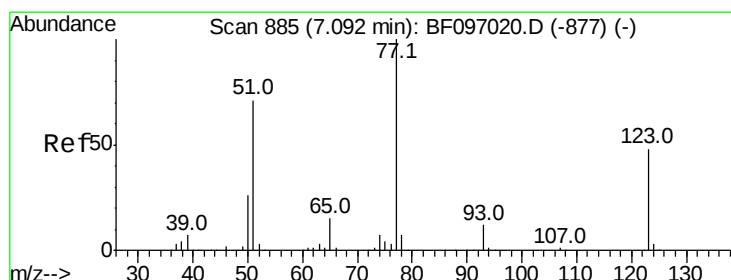
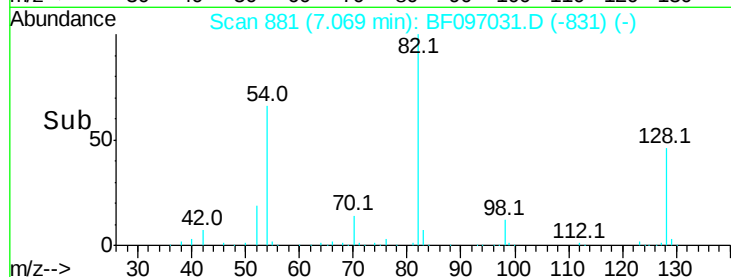
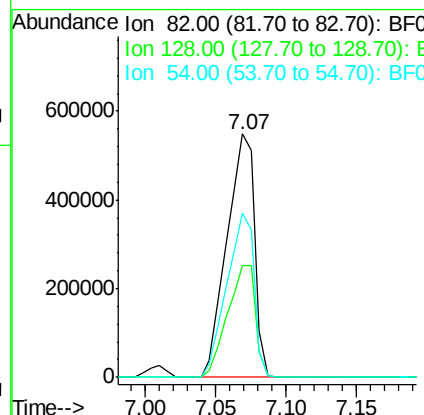
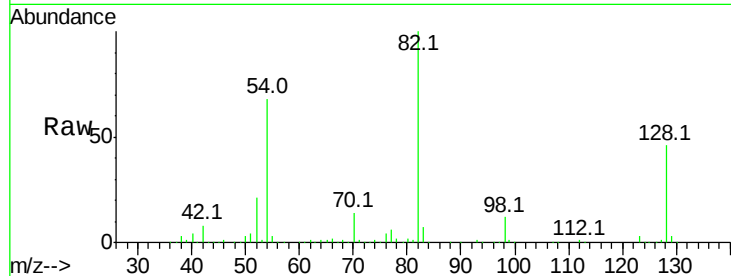
#23
 Nitrobenzene-d5
 Concen: 71.503 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.0	51.0	
54	67.6	42.2	63.2	

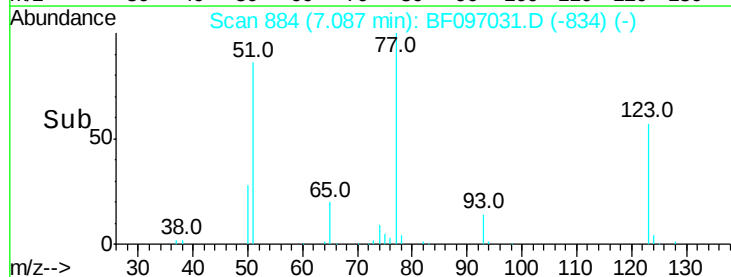
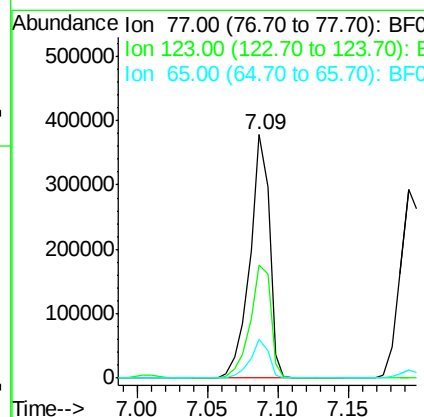
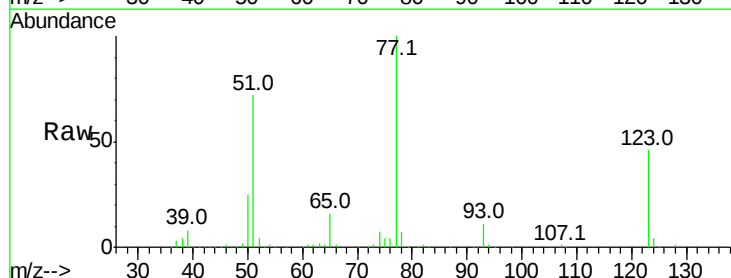
Manual Integrations
 APPROVED

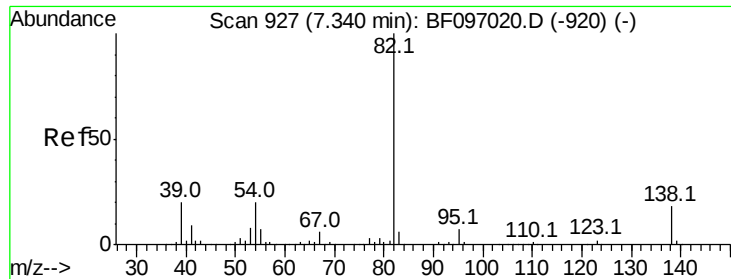
Sohil
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#24
 Nitrobenzene
 Concen: 33.811 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.2	35.8	53.8	
65	15.8	10.6	15.8	





#25

Isophorone

Concen: 38.658 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

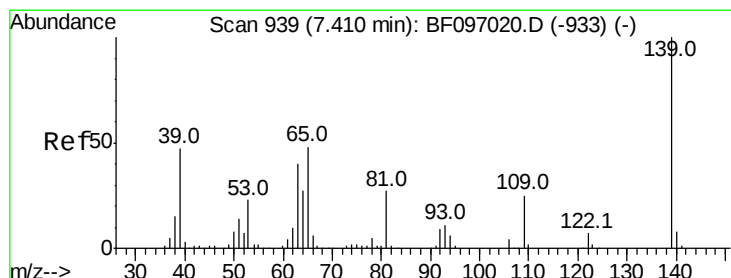
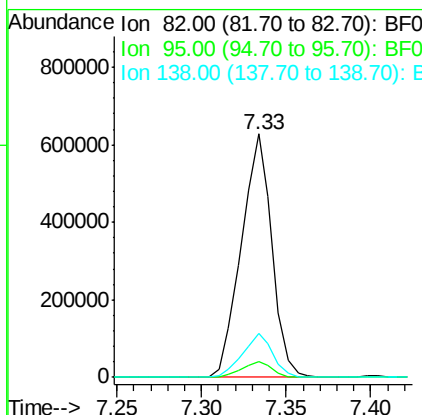
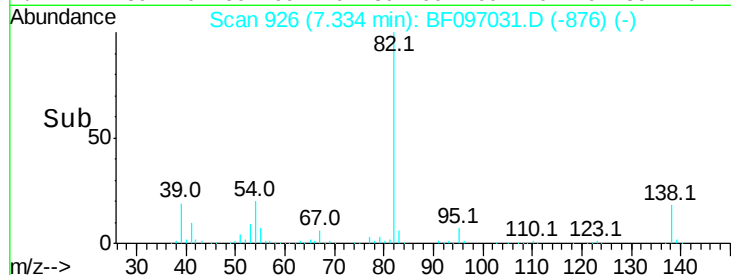
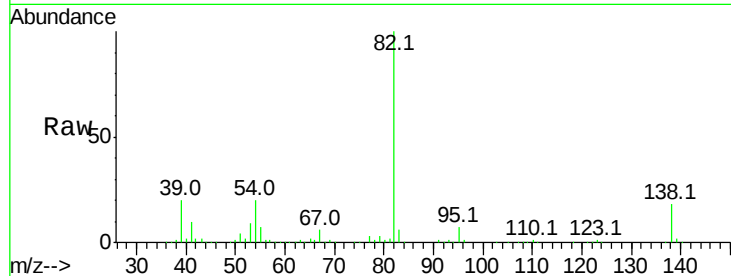
ClientSampleId :

PB100892BSD

Tot Ion:	82	Resp:	790144
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.9	13.1	19.7

Manual Integrations
APPROVED

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7/26/2017 5:54:26 PM



#26

2-Nitrophenol

Concen: 39.056 ng

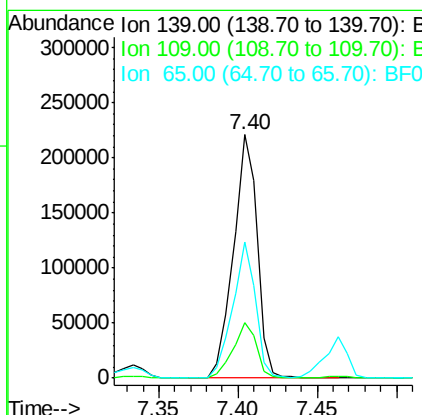
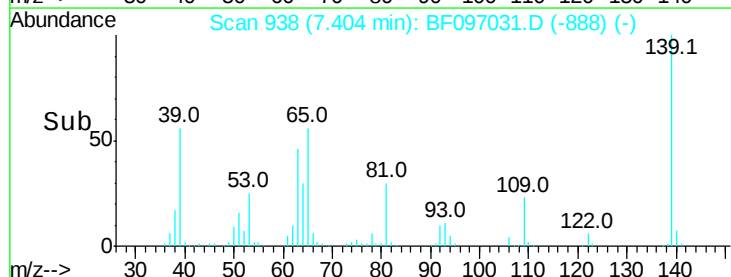
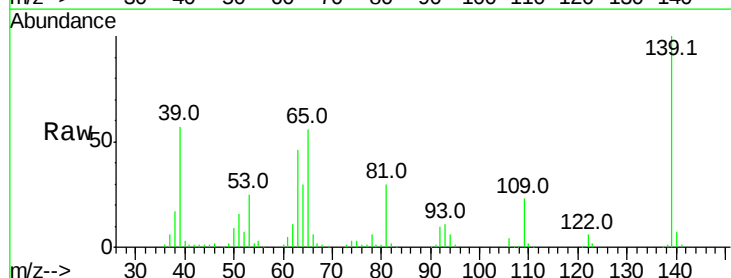
RT: 7.40 min Scan# 938

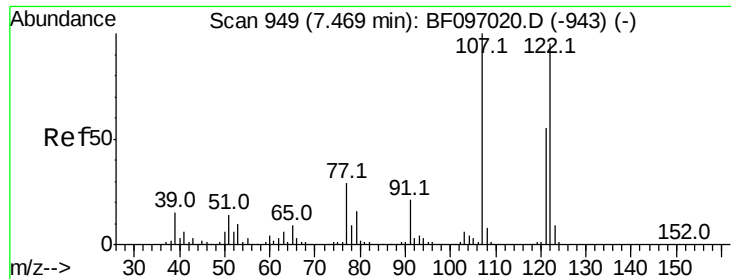
Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	139	Resp:	229680
Ion Ratio		Lower	Upper
139	100		
109	22.9	21.0	31.6
65	55.7	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 38.995 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

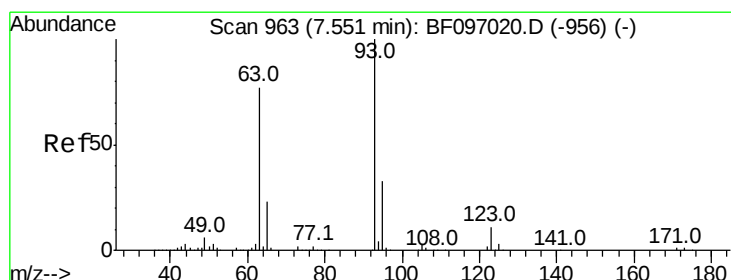
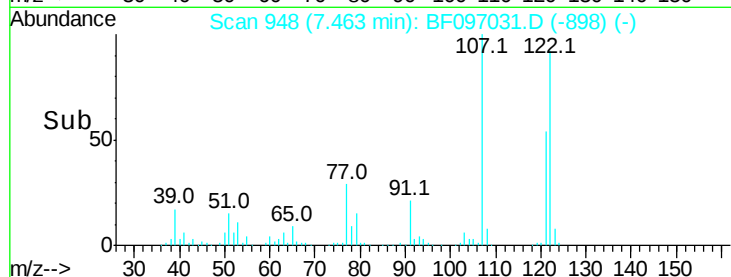
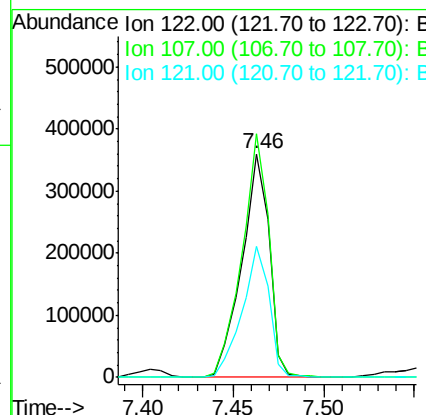
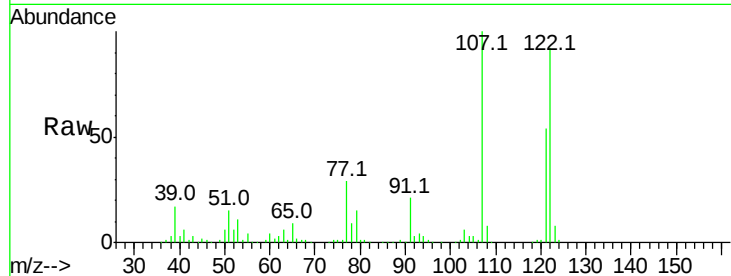
ClientSampleId :

PB100892BSD

Tot Ion:	122	Resp:	378284
Ion Ratio	Lower	Upper	
122	100		
107	109.1	89.2	133.8
121	58.6	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.633 ng

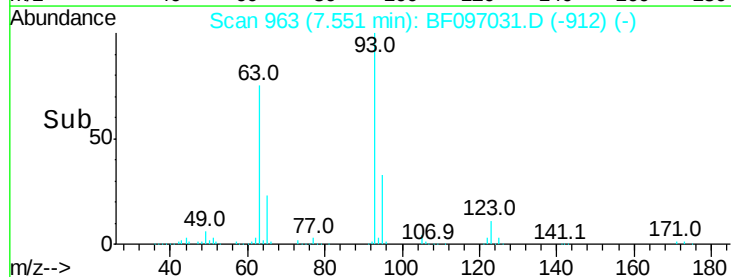
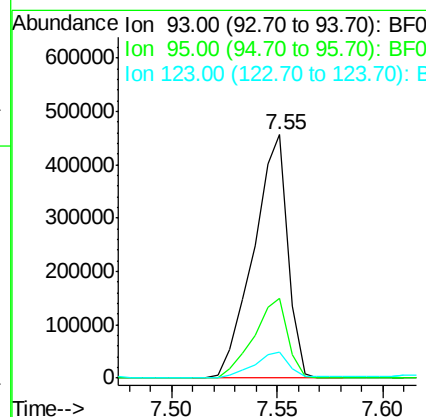
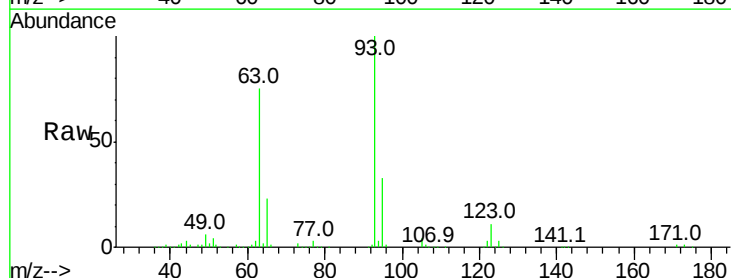
RT: 7.55 min Scan# 963

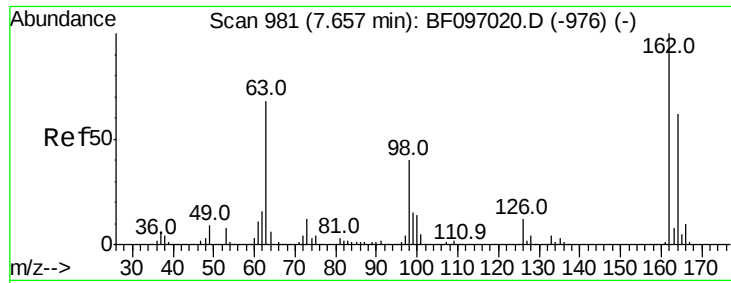
Delta R.T. -0.00 min

Lab File: BF097031.D

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Tgt Ion:	93	Resp:	515297
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	10.7	9.0	13.4





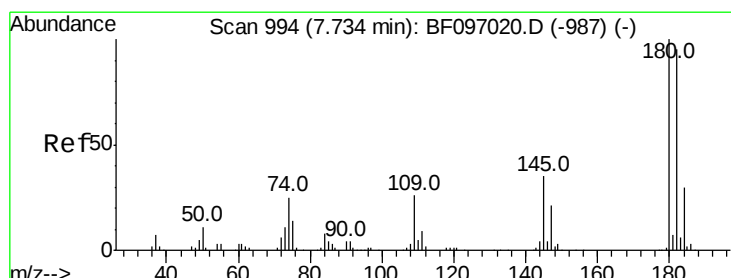
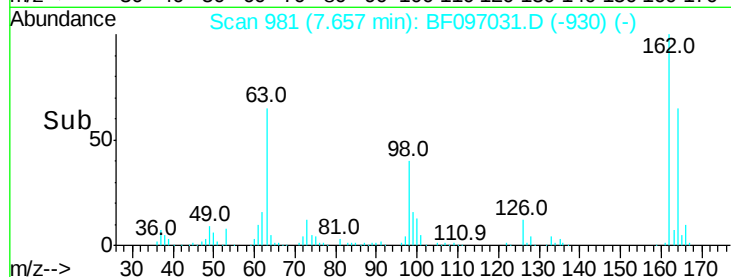
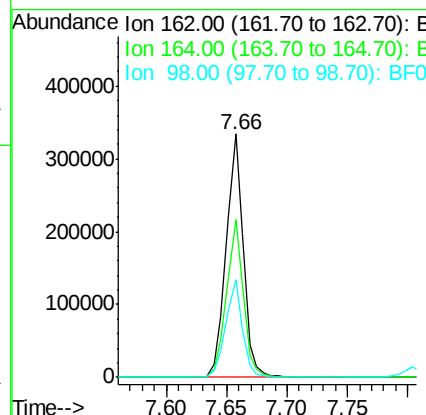
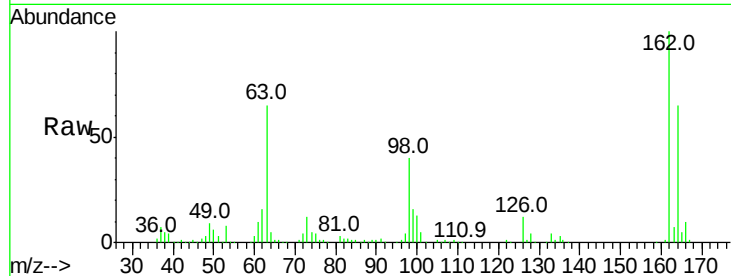
#29
 2,4-Dichlorophenol
 Concen: 39.193 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	327538		
164	64.6		44.6	84.6
98	40.4		14.8	54.8

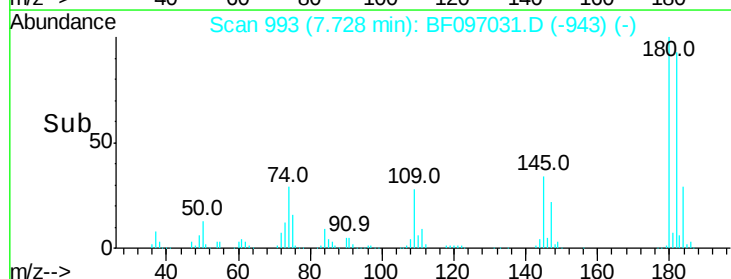
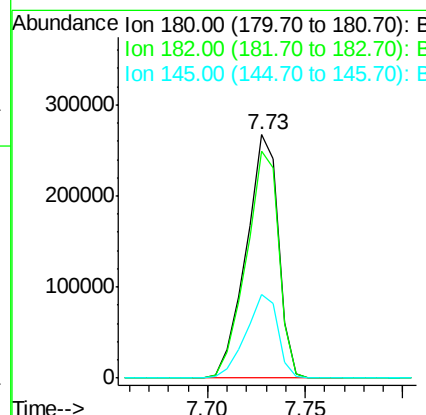
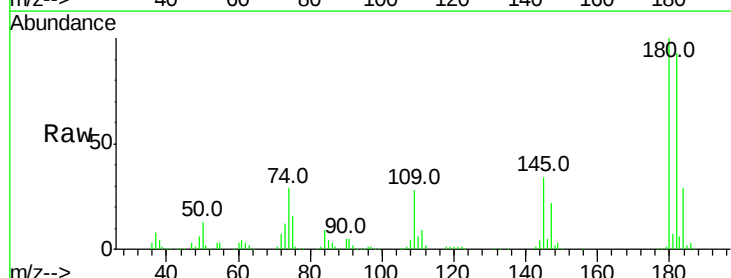
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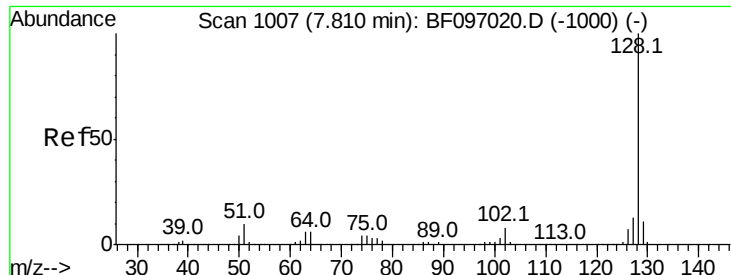
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.367 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	305623		
182	93.4		75.8	113.6
145	34.3		25.3	37.9





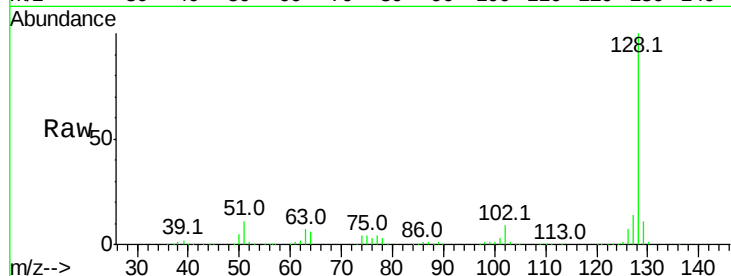
#31
Naphthalene
Concen: 38.574 ng
RT: 7.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

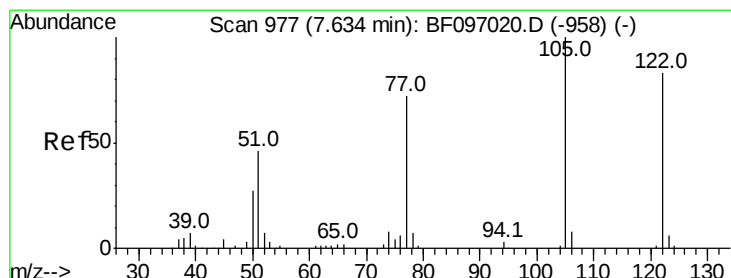
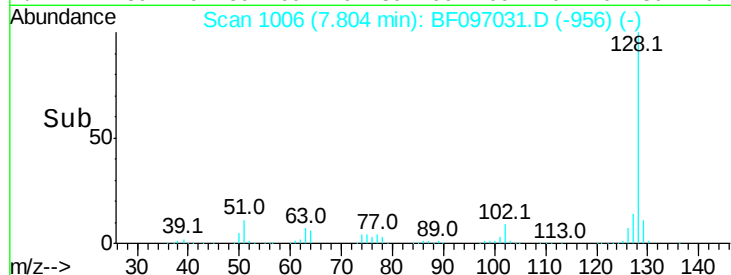
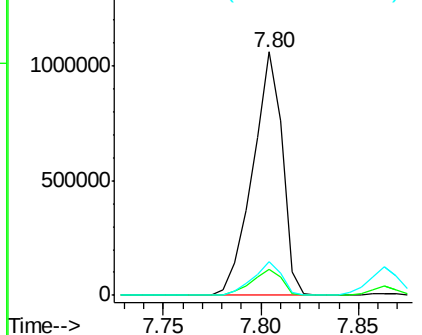
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.7	10.8	16.2

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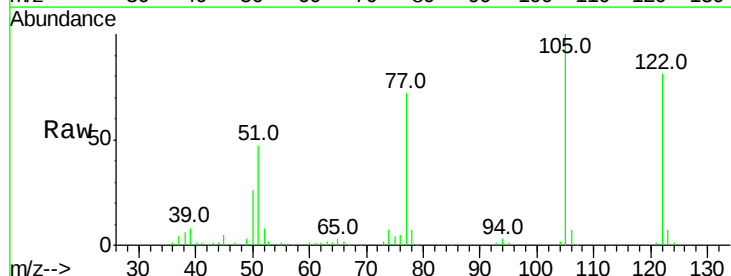


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

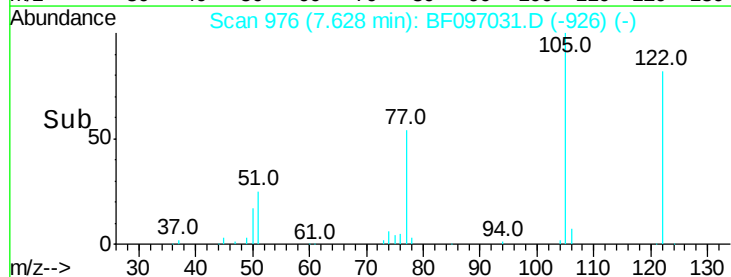
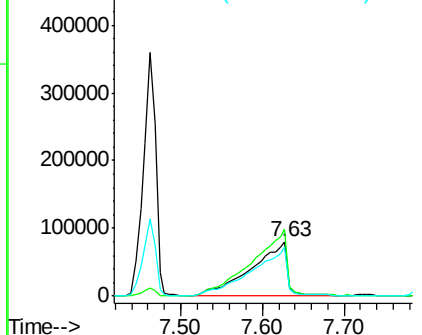


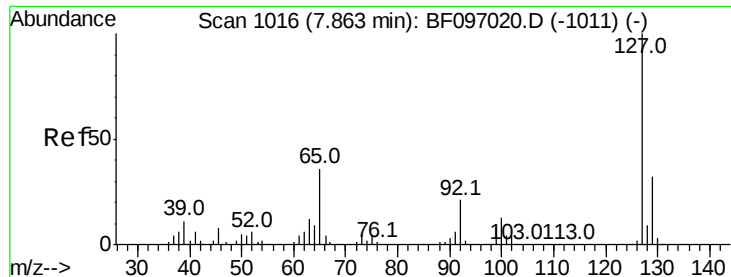
#32
Benzoic acid
Concen: 33.589 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	103.3	143.3
77	89.4	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





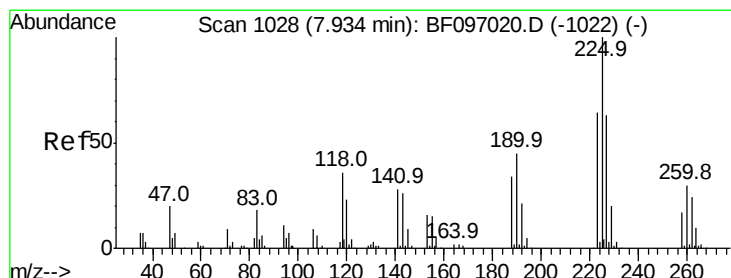
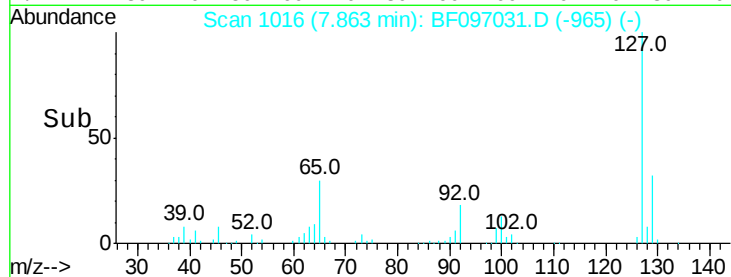
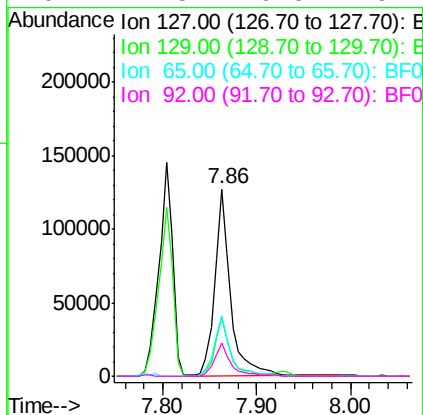
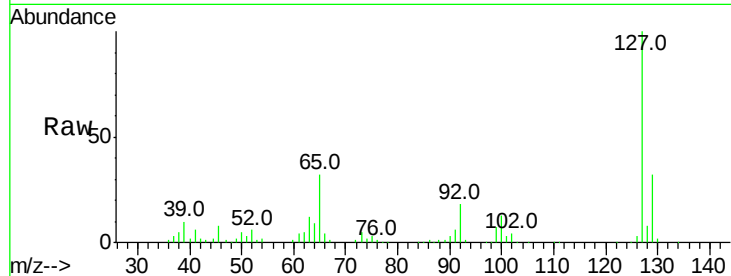
#33
4-Chloroaniline
Concen: 12.878 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	31.9	27.8	41.8
92	17.8	16.8	25.2

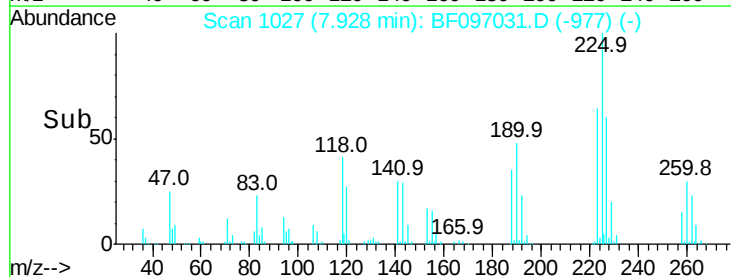
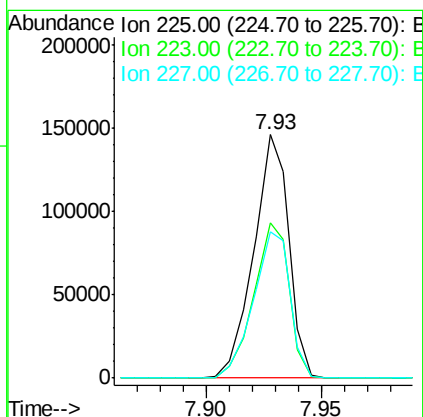
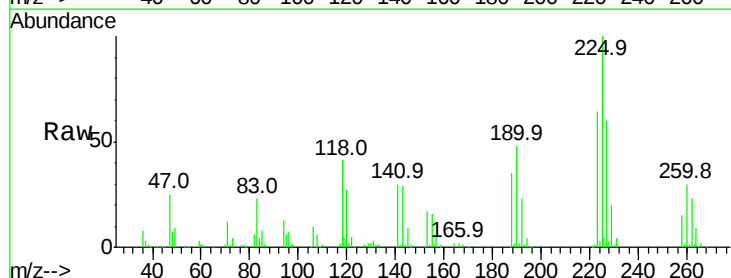
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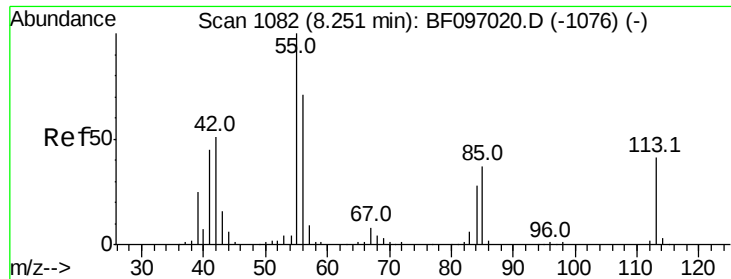
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#34
Hexachlorobutadiene
Concen: 36.578 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	60.1	51.1	76.7





#35

Caprolactam

Concen: 38.317 ng/mL

RT: 8.25 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleID :

PB100892BSD

Tot Ion:113 Resp: 102680

Ion Ratio Lower Upper

113 100

55 231.8 150.2 190.2#

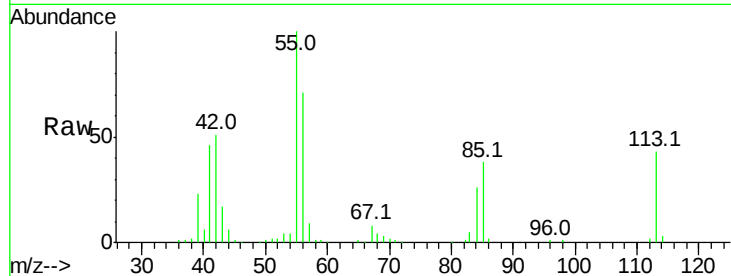
56 165.4 107.8 147.8#

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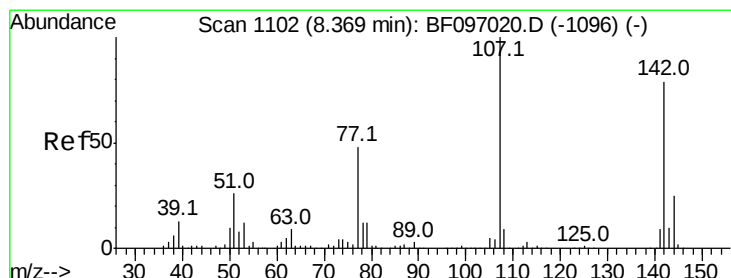
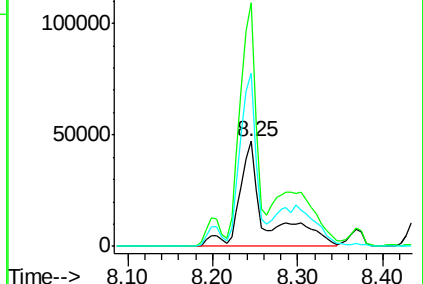
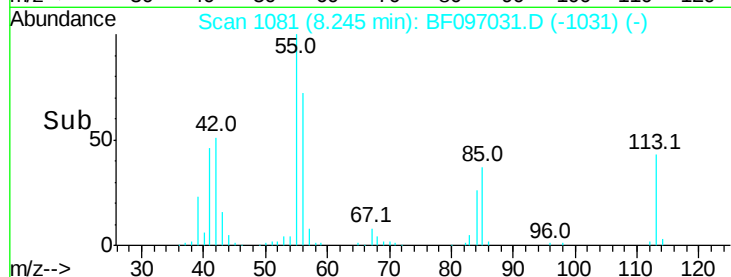
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.601 ng/mL

RT: 8.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

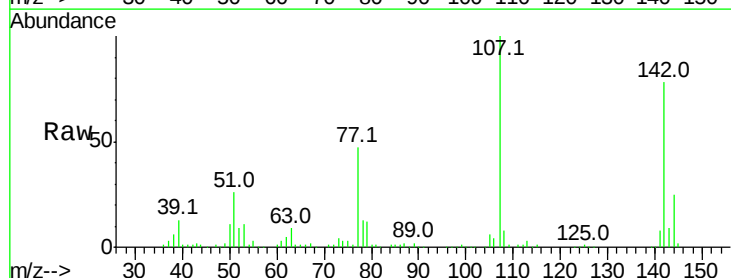
Tgt Ion:107 Resp: 297230

Ion Ratio Lower Upper

107 100

144 25.1 24.2 36.4

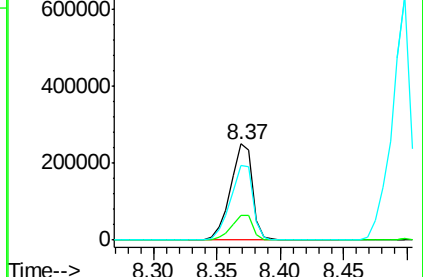
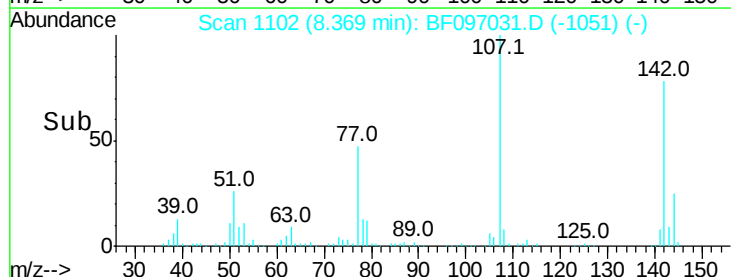
142 77.8 73.4 110.0

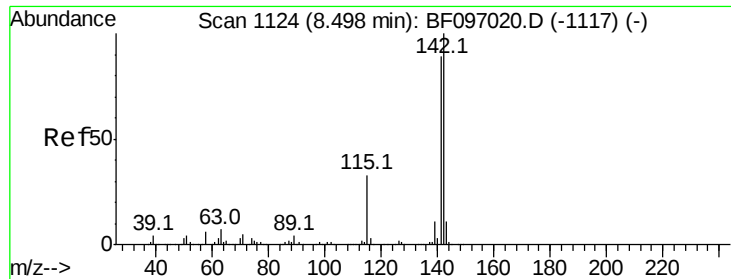


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





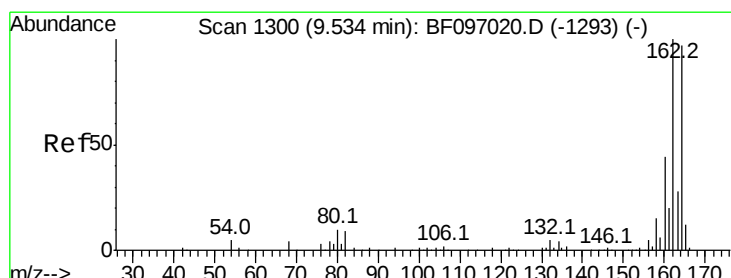
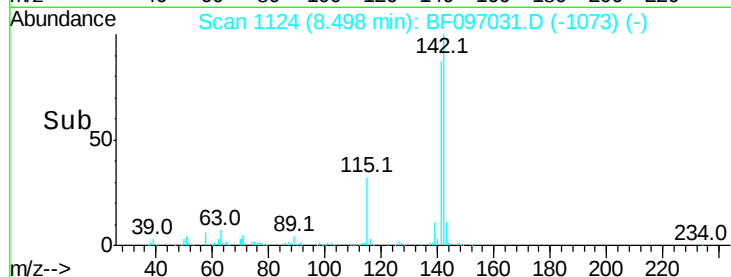
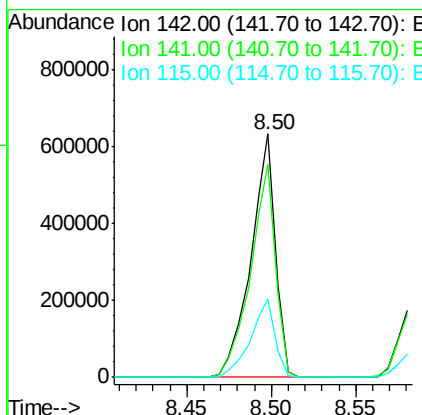
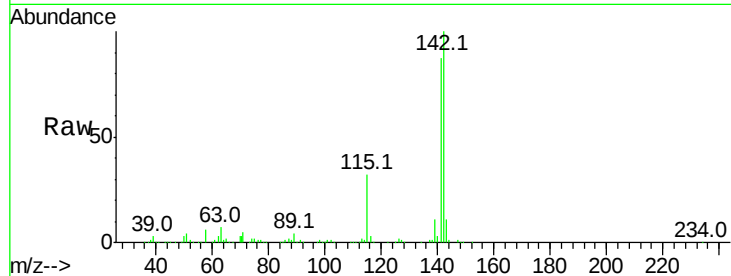
#37
2-Methylnaphthalene
Concen: 35.145 ng
RT: 8.50 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9
115	32.3	27.1	40.7

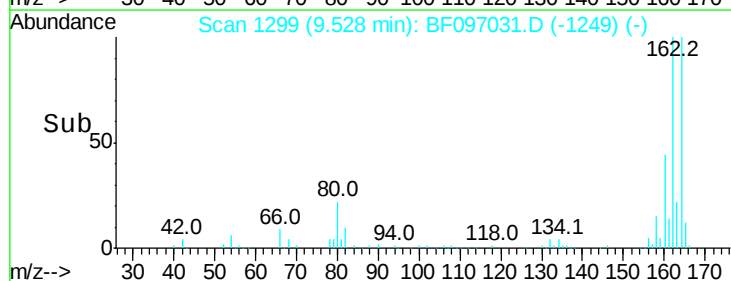
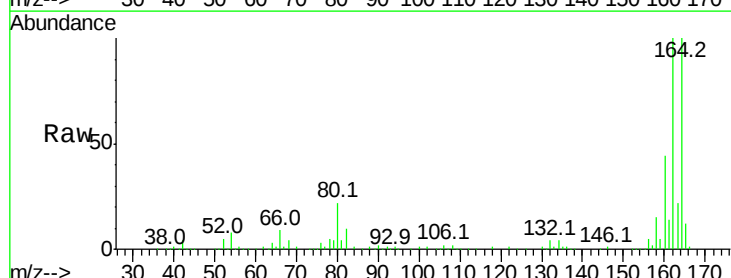
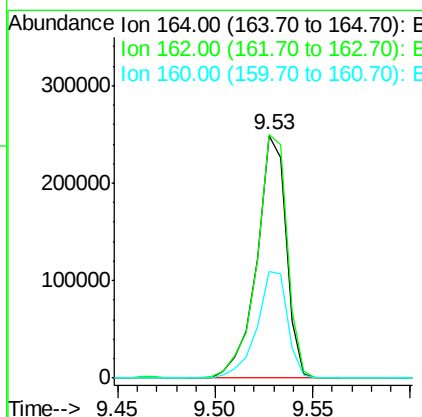
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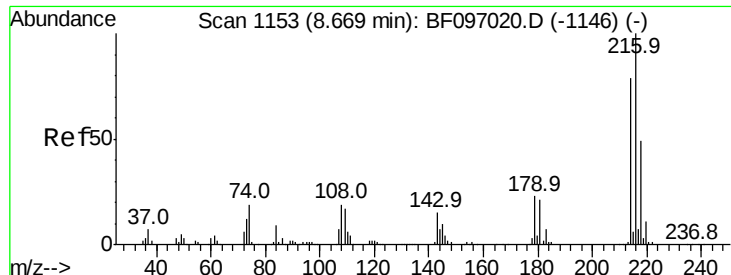
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	44.2	36.2	54.2





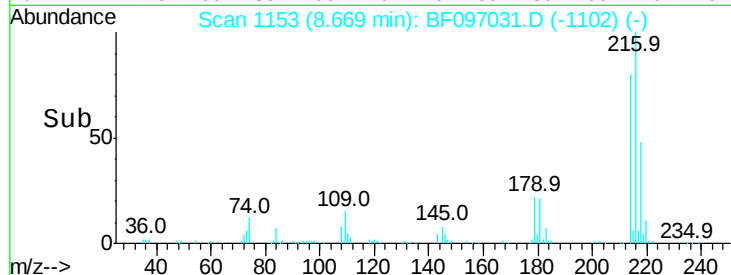
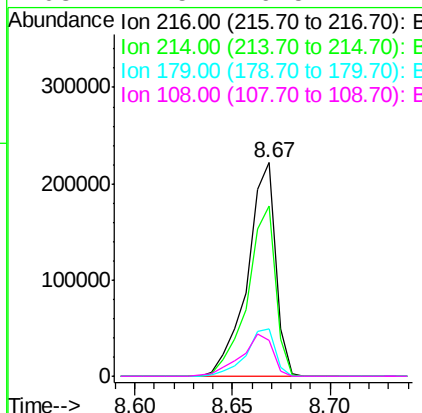
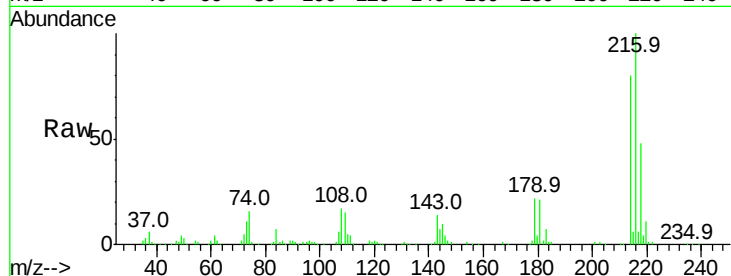
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.085 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	222553		
214	79.0	63.4	95.2	
179	22.6	17.9	26.9	
108	22.5	16.5	24.7	

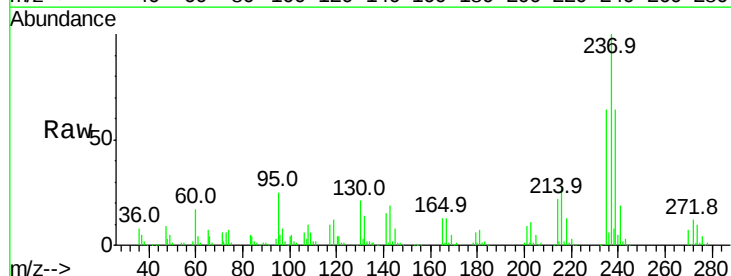
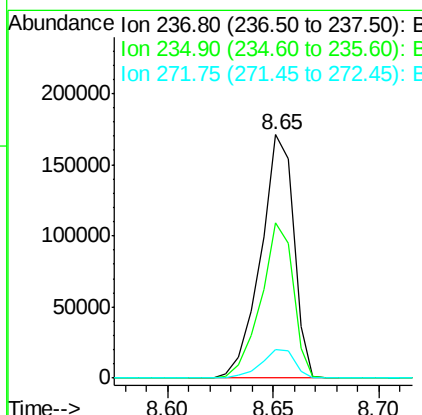
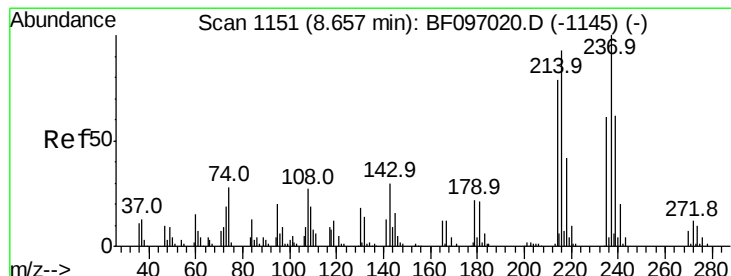
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#40
 Hexachlorocyclopentadiene
 Concen: 76.969 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186034		
235	64.0	42.6	82.6	
272	11.7	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 77.510 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

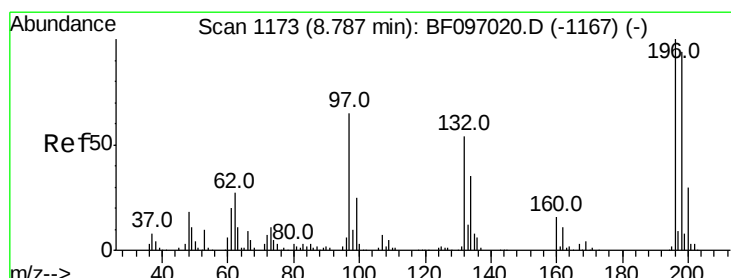
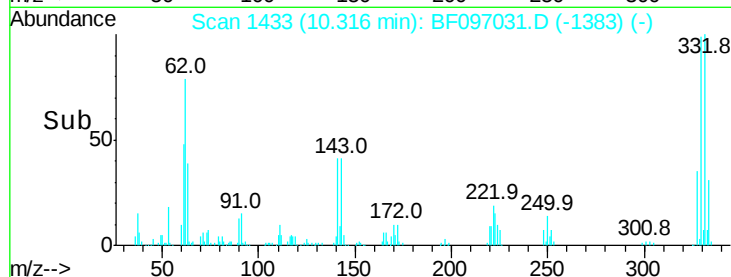
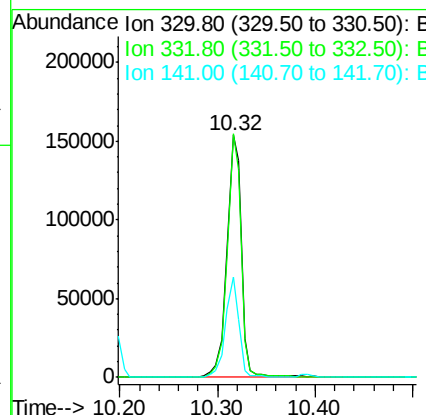
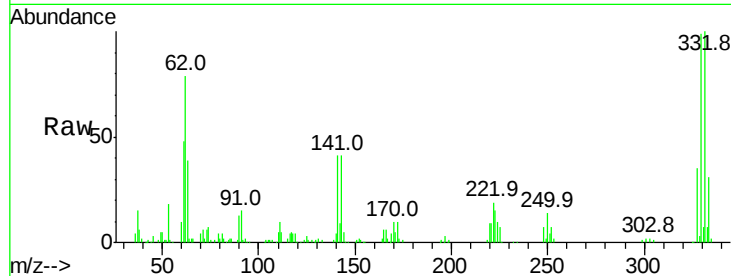
PB100892BSD

Tot Ion:	330	Resp:	159200
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	38.4	31.4	47.2

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#42

2,4,6-Trichlorophenol

Concen: 35.482 ng

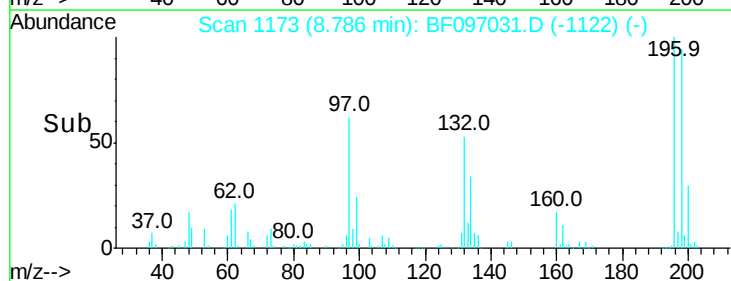
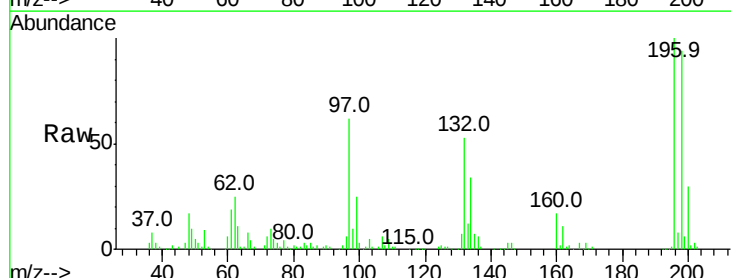
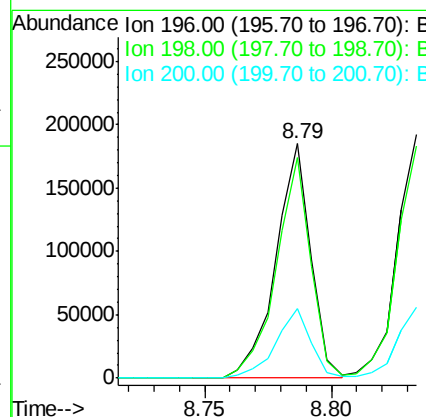
RT: 8.79 min Scan# 1173

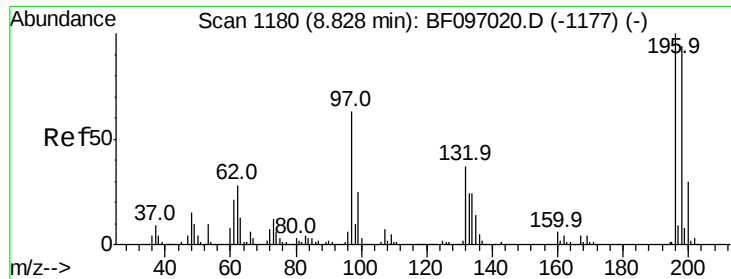
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	196	Resp:	178353
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.2	111.4
200	29.7	24.0	36.0





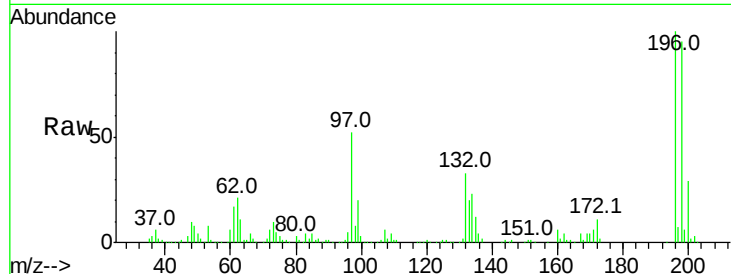
#43
 2,4,5-Trichlorophenol
 Concen: 34.254 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

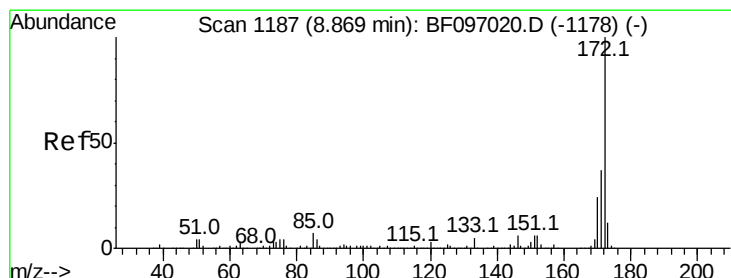
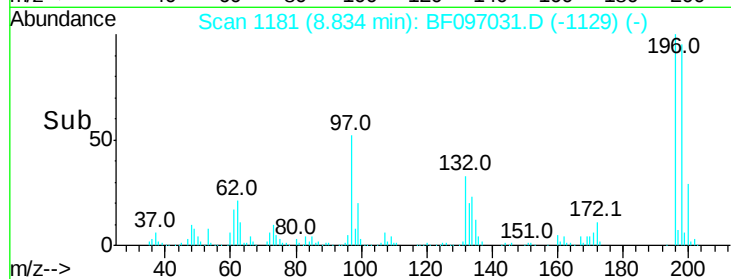
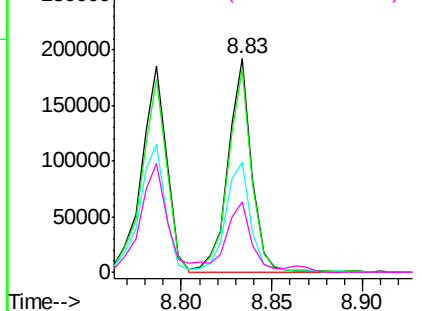
Tot Ion	196	Resp	172342
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
97	51.6	47.7	71.5
132	33.1	28.0	42.0

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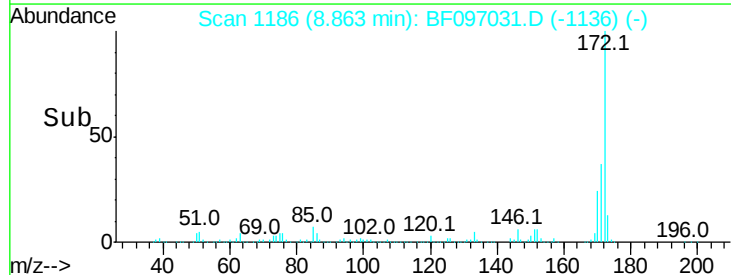
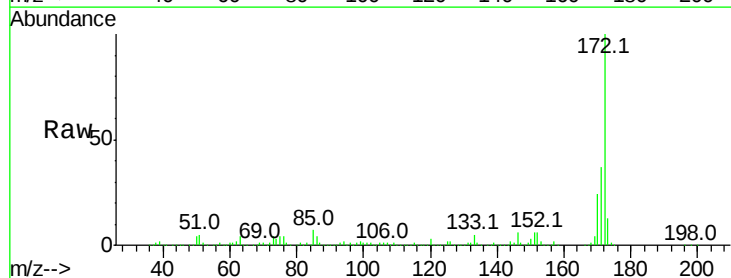
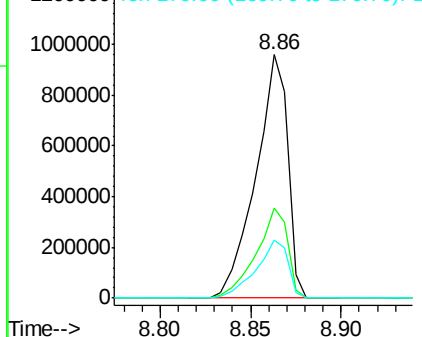
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

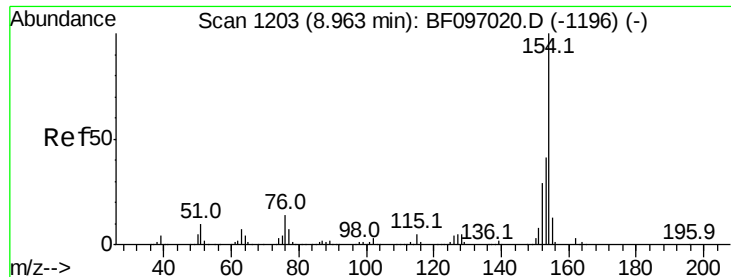


#44
 2-Fluorobiphenyl
 Concen: 76.595 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	172	Resp	1173272
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.0	19.8	29.8

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: 33.854 ng

RT: 8.96 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

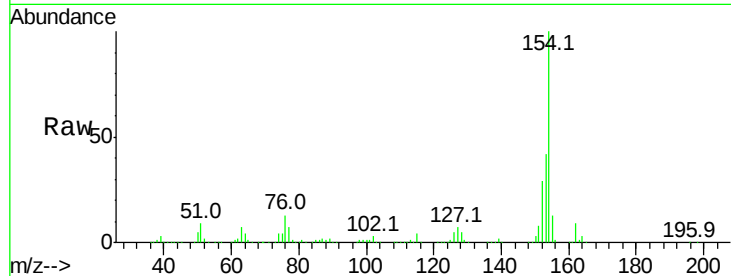
PB100892BSD

Tot Ion:	154	Resp:	751705
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.2	61.2
76	12.8	0.0	29.9

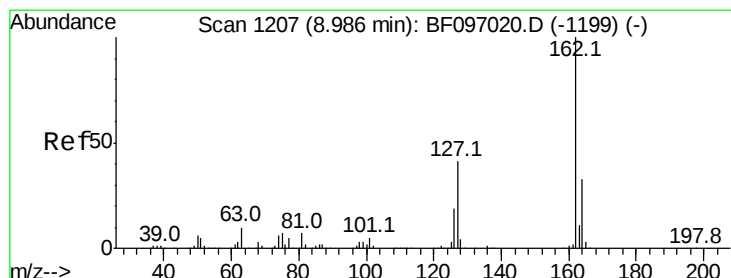
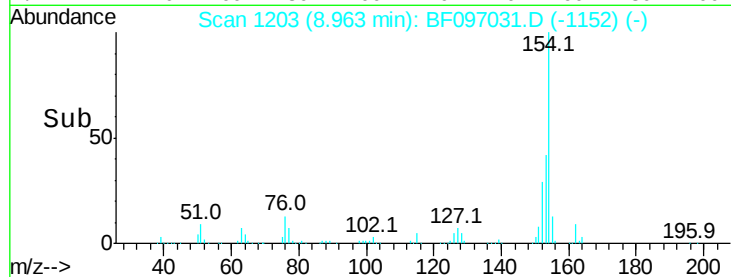
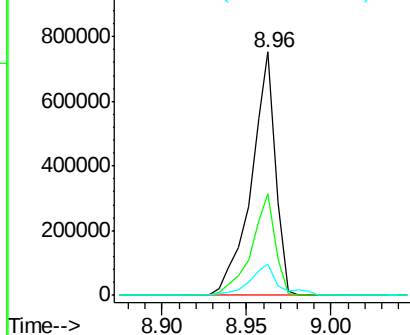
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.958 ng

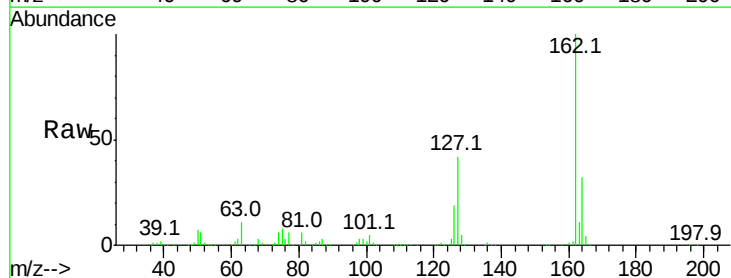
RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

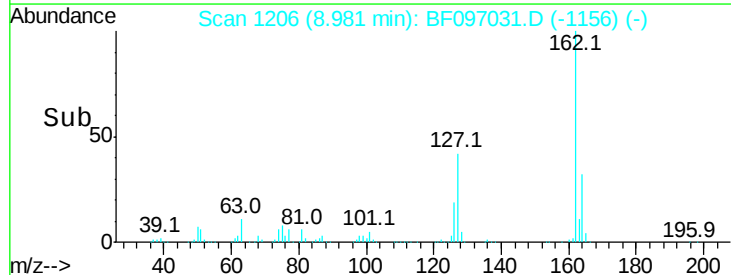
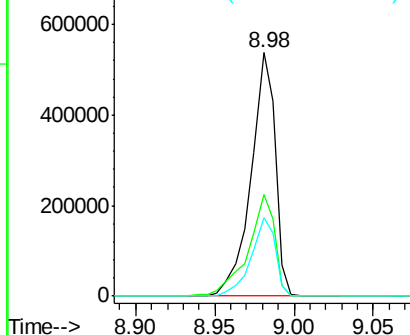
Lab File: BF097031.D

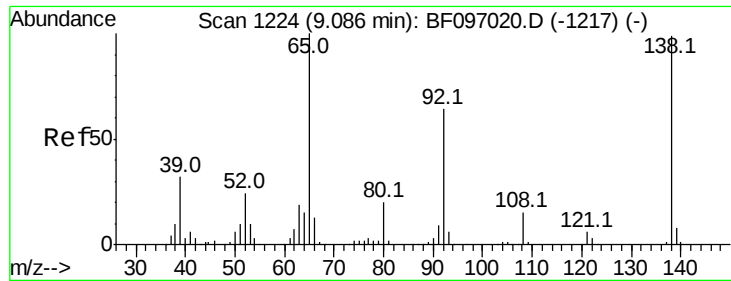
Acq: 25 Jul 2017 16:18

Tgt Ion:	162	Resp:	571210
Ion Ratio	Lower	Upper	
162	100		
127	41.6	28.3	42.5
164	32.5	27.0	40.4



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





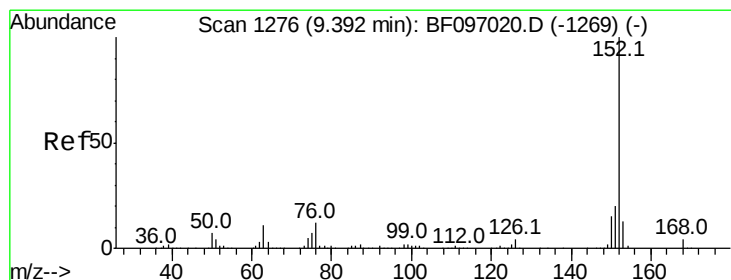
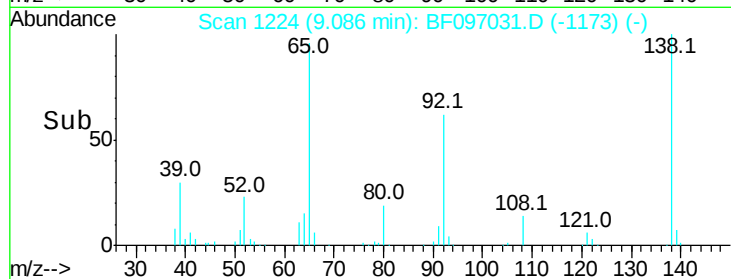
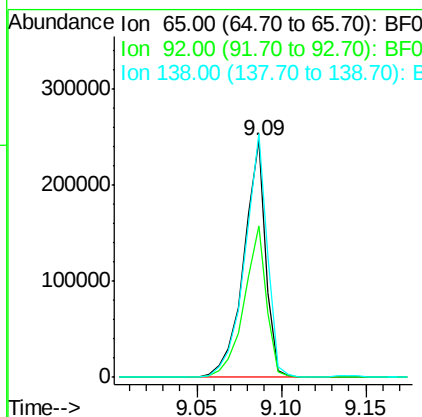
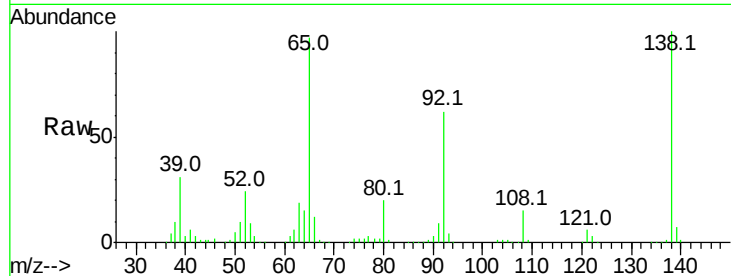
#47
2-Nitroaniline
Concen: 37.798 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	53.9	80.9
138	102.9	78.8	118.2

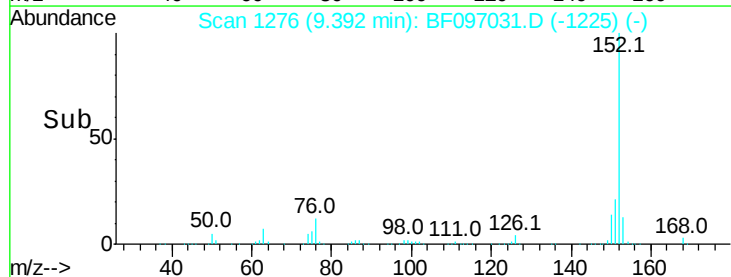
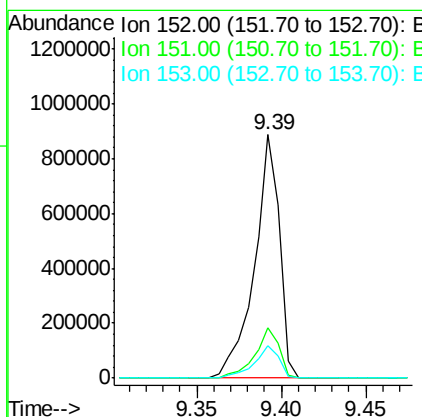
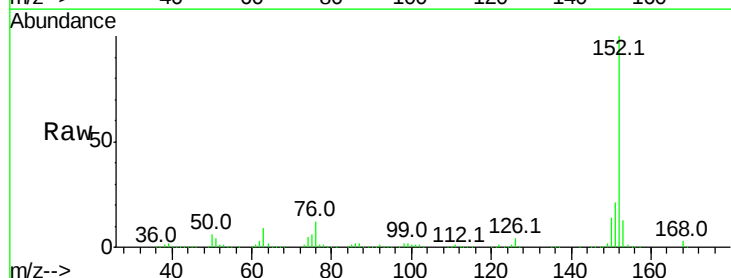
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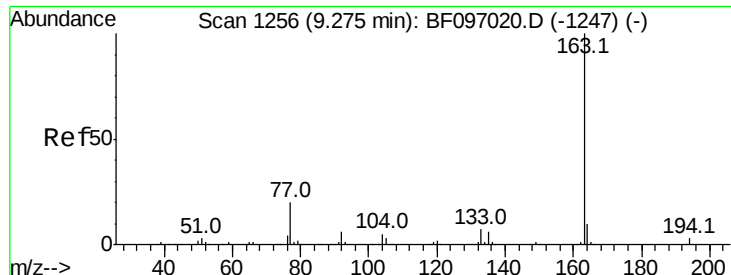
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#48
Acenaphthylene
Concen: 36.518 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2





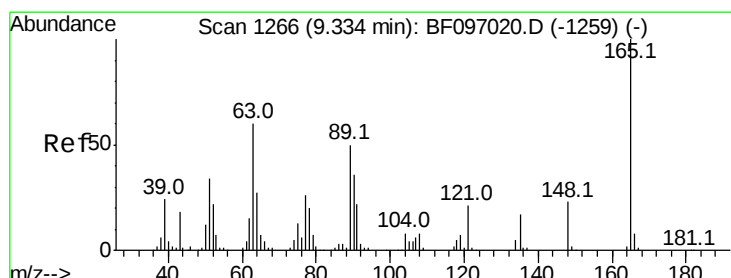
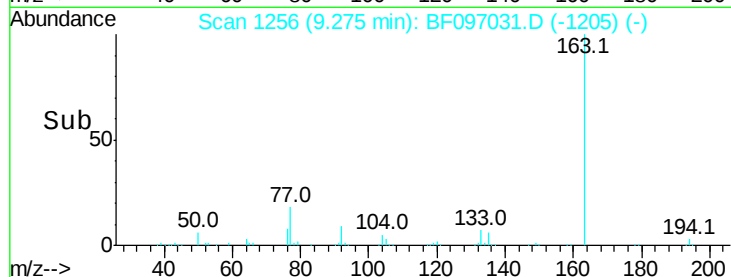
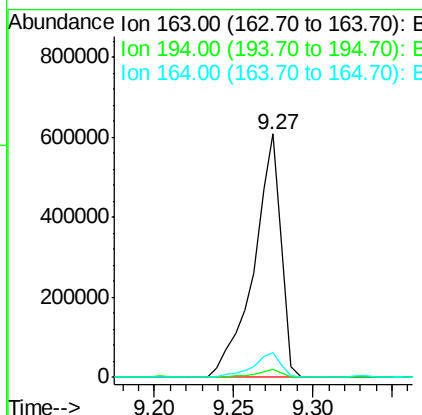
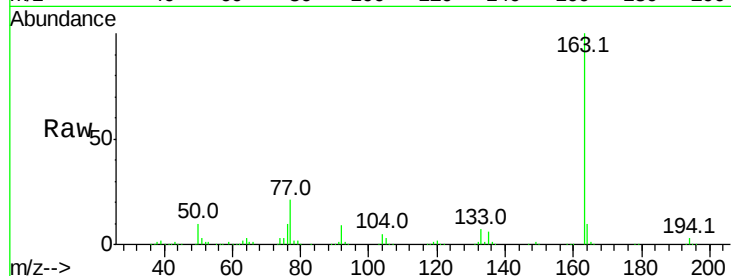
#49
 Dimethylphthalate
 Concen: 36.861 ng
 RT: 9.27 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.0	8.4	12.6	

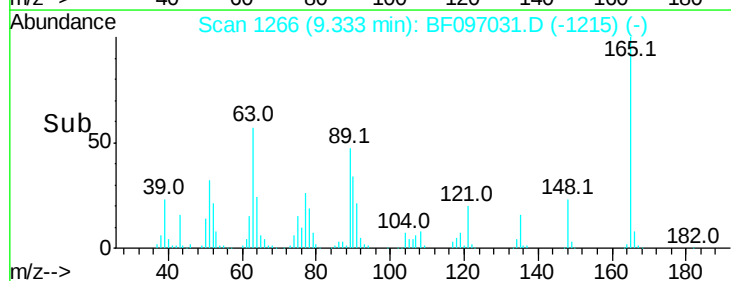
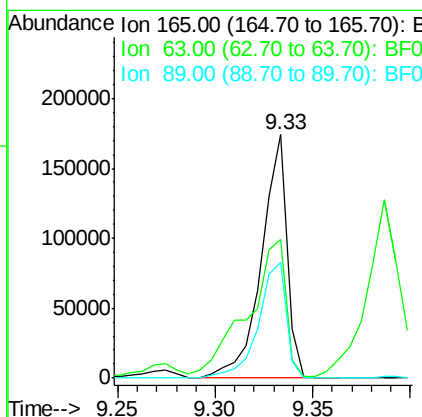
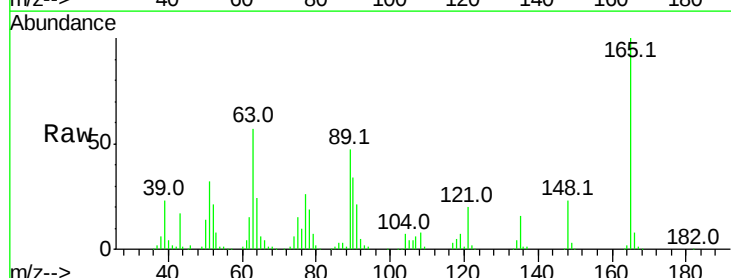
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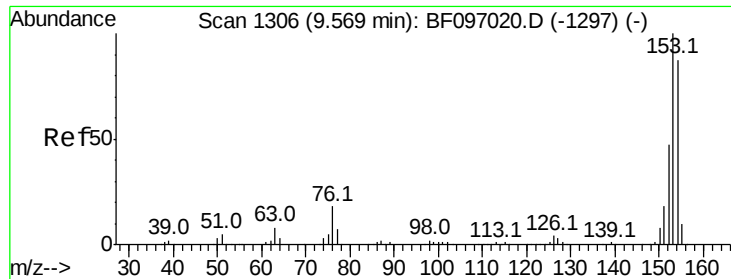
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#50
 2,6-Dinitrotoluene
 Concen: 37.793 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	34.3	51.5#	
89	47.5	37.1	55.7	





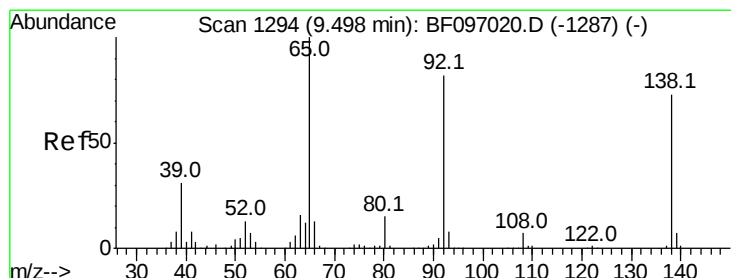
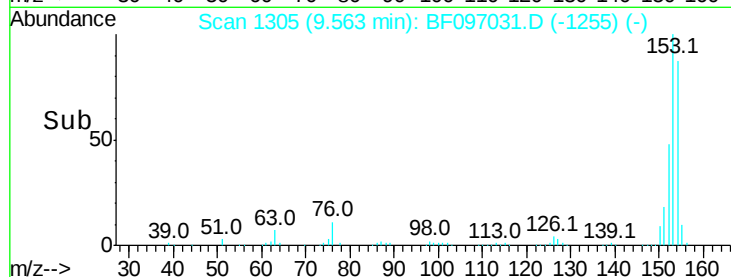
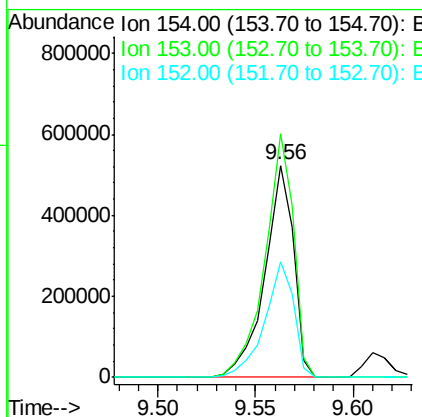
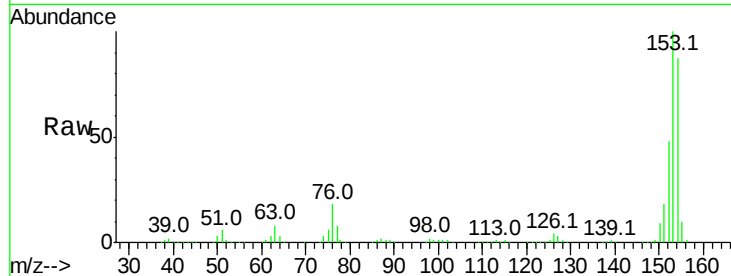
#51
Acenaphthene
Concen: 36.206 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.5	135.7
152	54.7	43.6	65.4

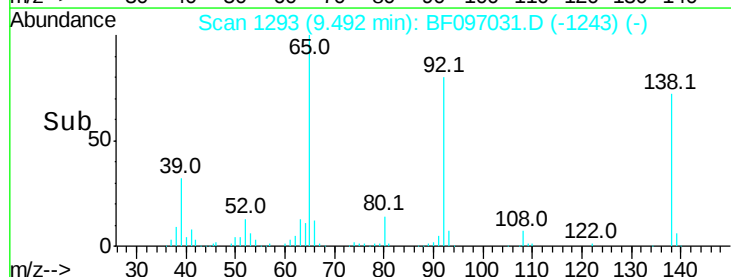
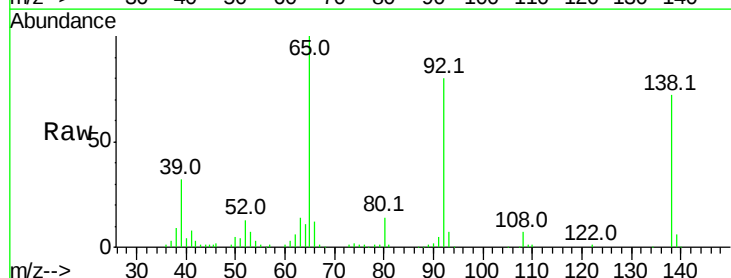
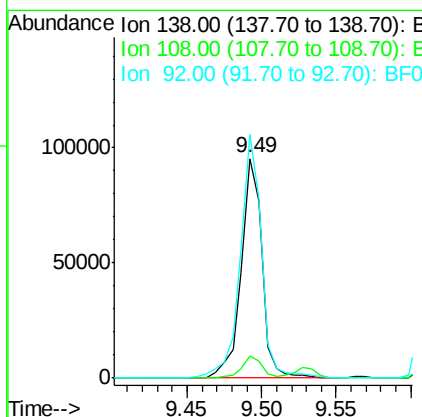
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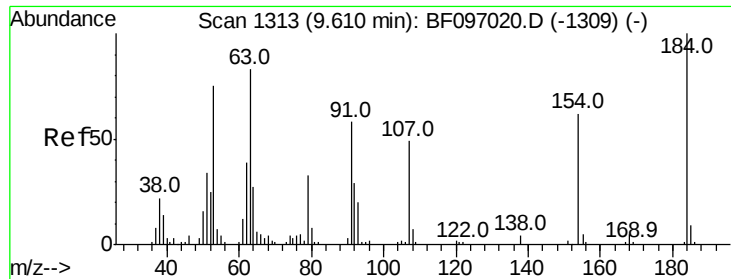
Sohil
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#52
3-Nitroaniline
Concen: 17.885 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	110.9	93.8	140.6





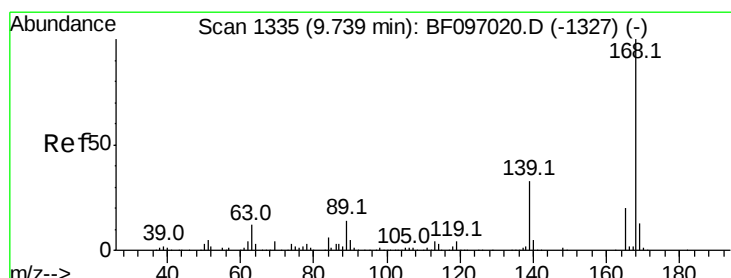
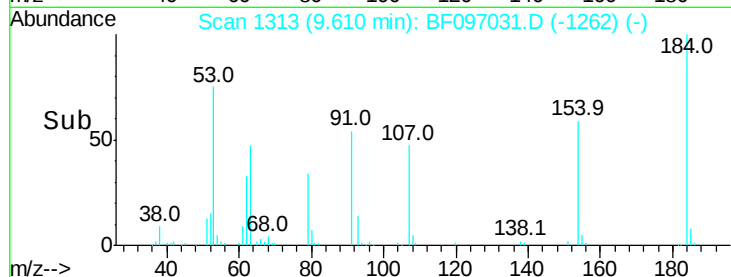
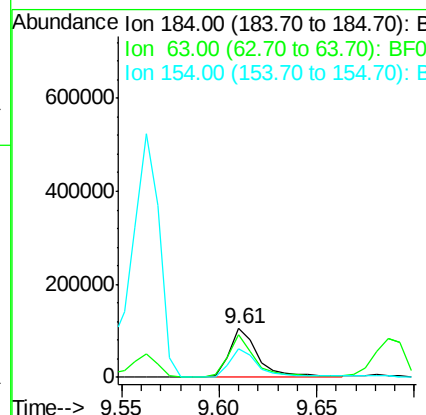
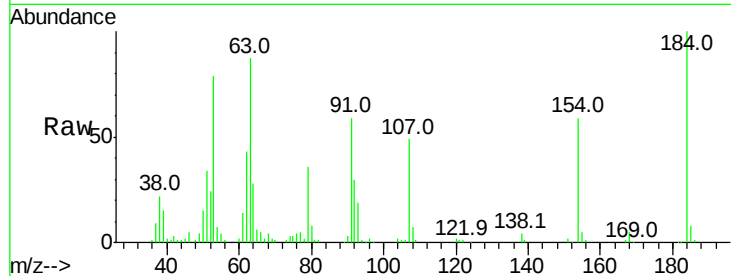
#53
 2,4-Dinitrophenol
 Concen: 56.711 ng
 RT: 9.61 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	107961		
63	86.8	62.7	94.1	
154	59.2	81.1	121.7	

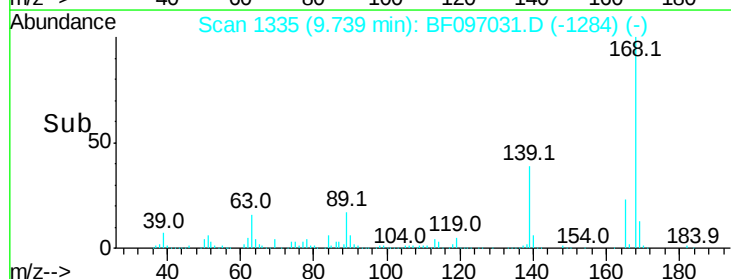
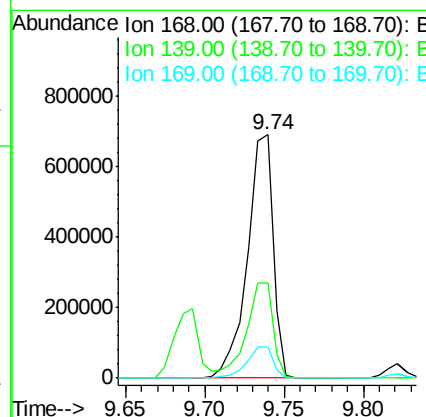
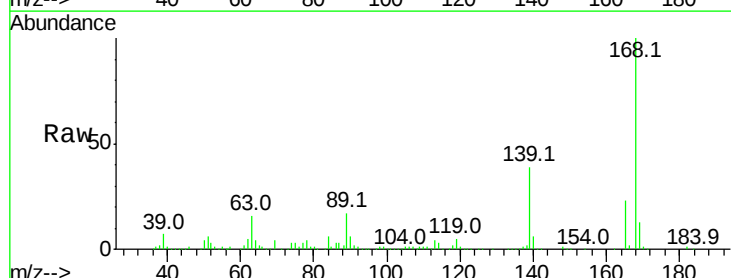
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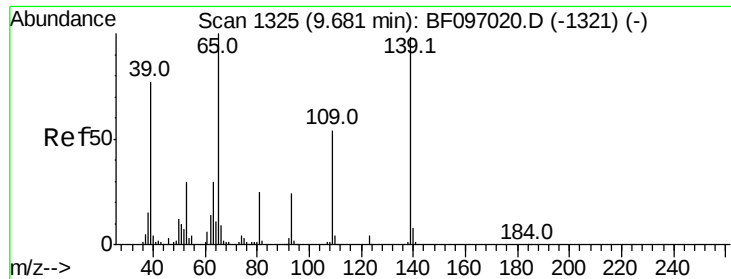
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#54
 Dibenzofuran
 Concen: 39.390 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	775098		
139	39.3	30.6	45.8	
169	12.6	10.8	16.2	





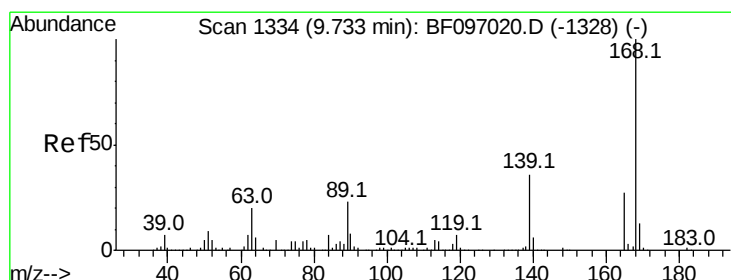
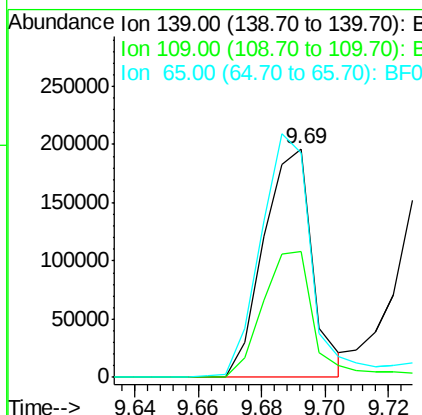
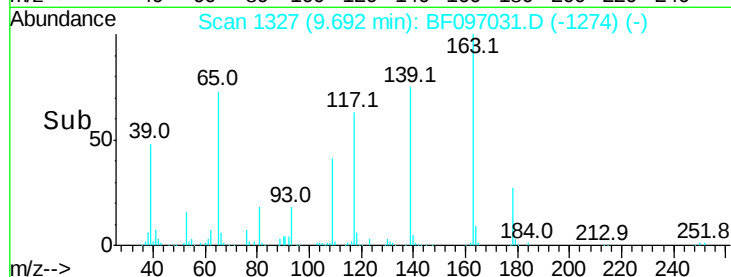
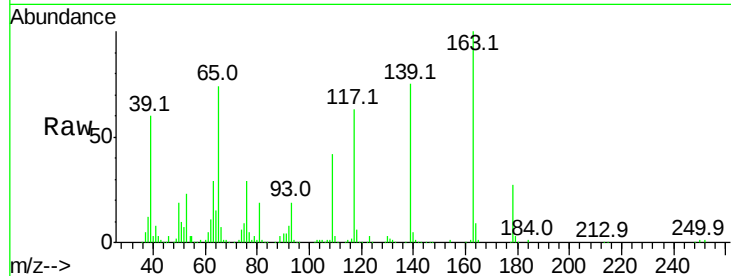
#55
4-Nitrophenol
Concen: 67.917 ng
RT: 9.69 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.1	34.1	74.1	
65	98.3	31.4	71.4	

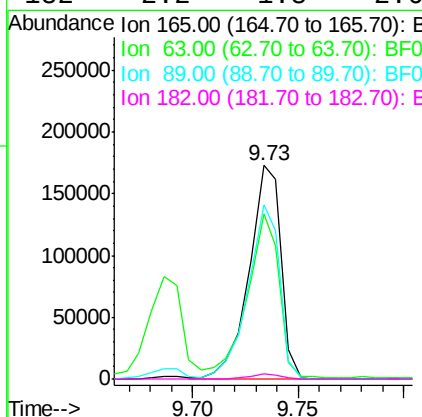
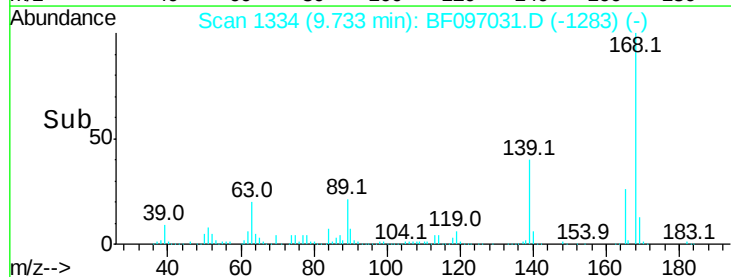
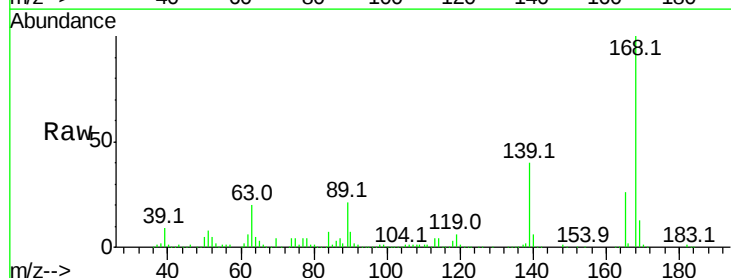
Manual Integrations
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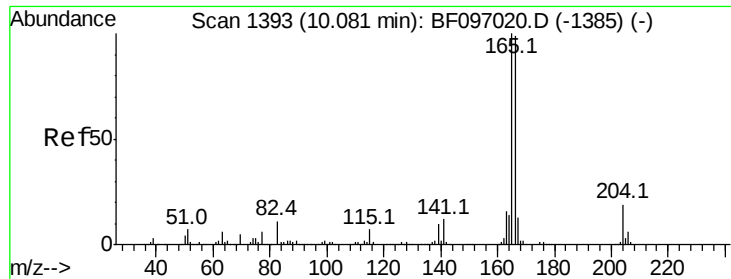
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#56
2,4-Dinitrotoluene
Concen: 37.780 ng
RT: 9.73 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	77.4	25.4	38.0	
89	81.8	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 38.211 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

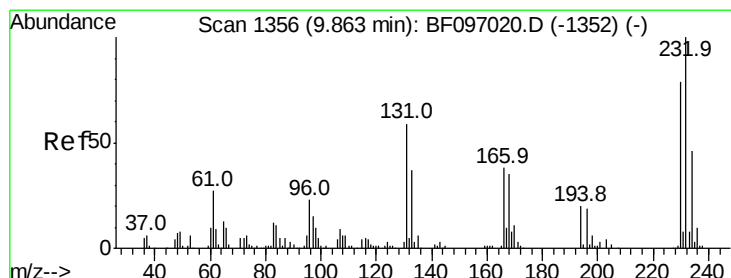
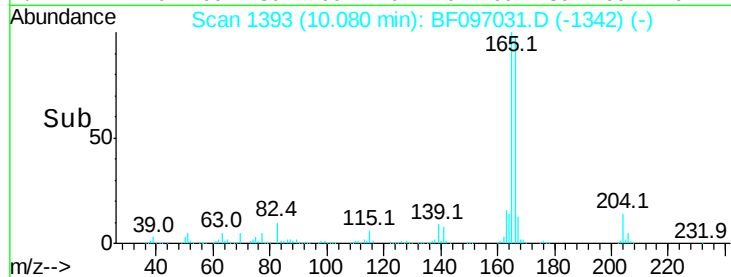
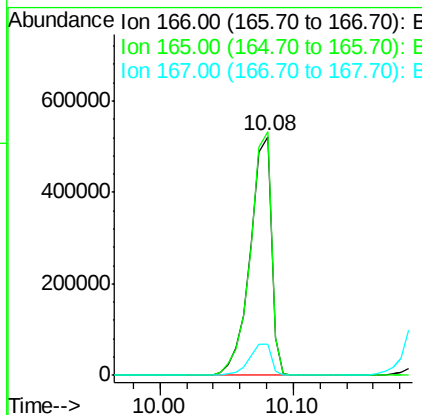
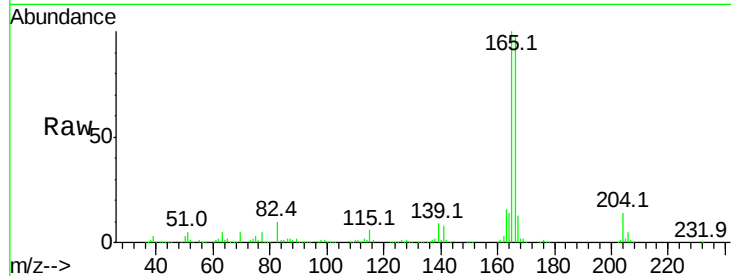
ClientSampleId :

PB100892BSD

Tot Ion:	166	Resp:	565124
Ion Ratio	Lower	Upper	
166	100		
165	102.1	78.8	118.2
167	13.1	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.776 ng

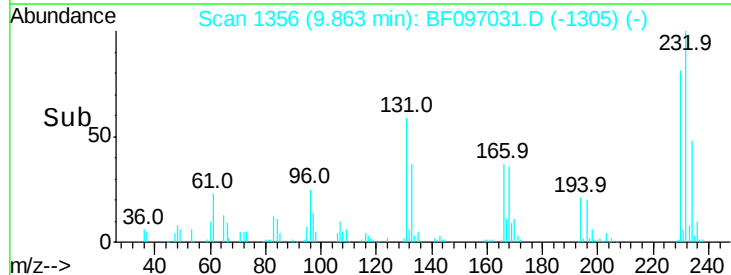
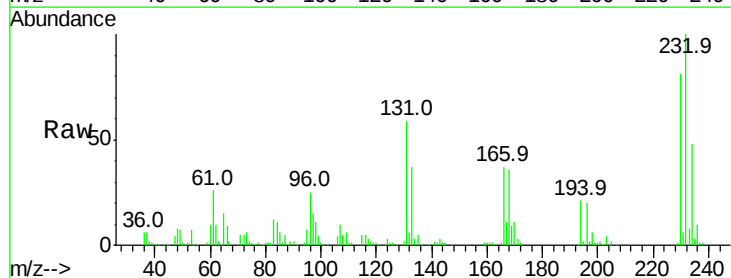
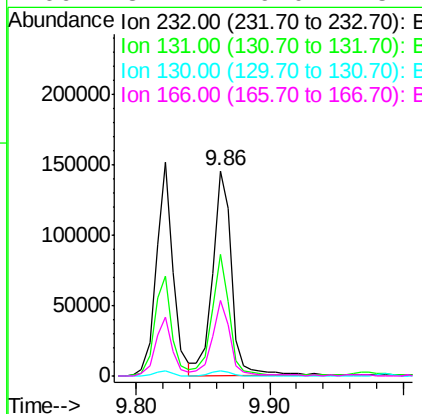
RT: 9.86 min Scan# 1356

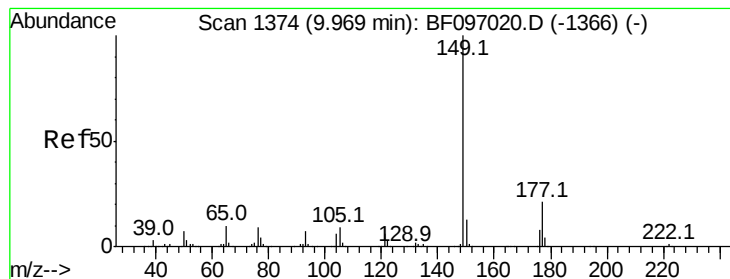
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	232	Resp:	145123
Ion Ratio	Lower	Upper	
232	100		
131	55.6	44.8	67.2
130	2.4	2.3	3.5
166	34.1	29.0	43.4





#59

Diethylphthalate

Concen: 38.548 ng

RT: 9.97 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

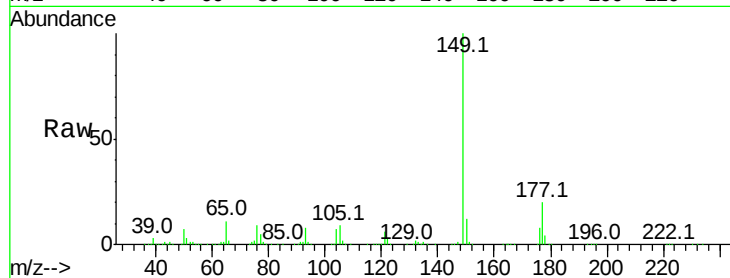
ClientSampleId :

PB100892BSD

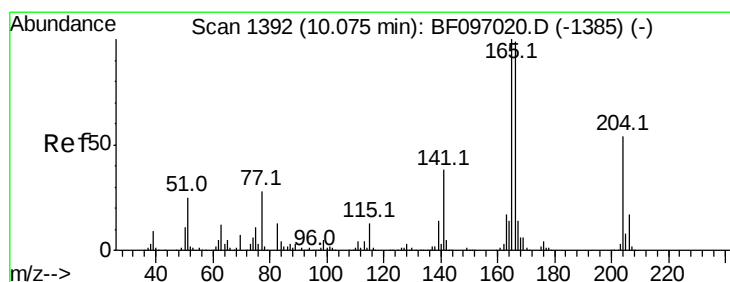
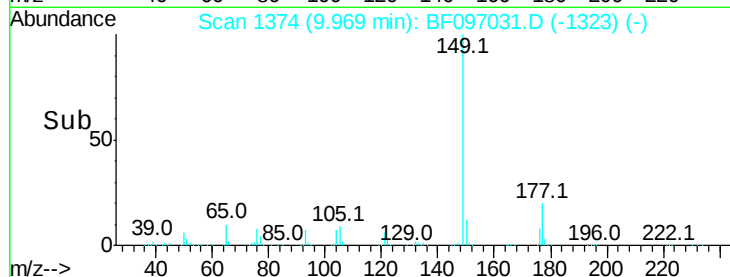
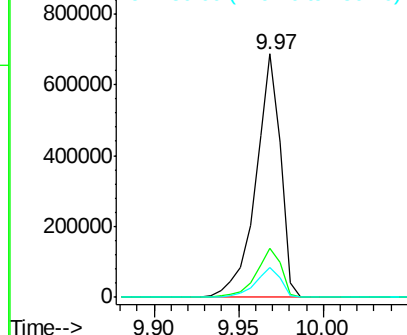
Tot Ion:	149	Resp:	698146
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.7	25.1
150	12.5	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 39.435 ng

RT: 10.07 min Scan# 1392

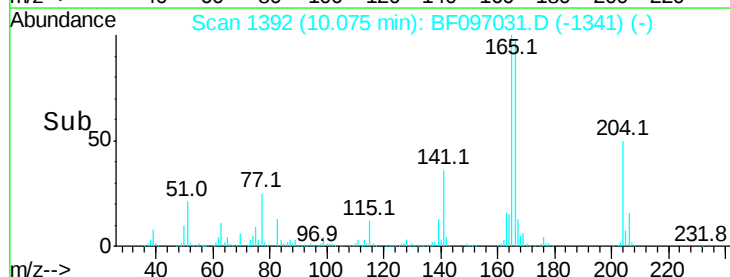
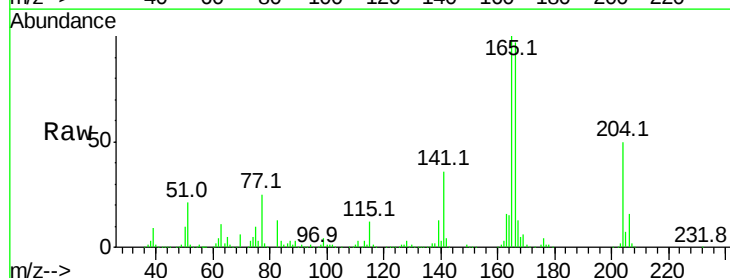
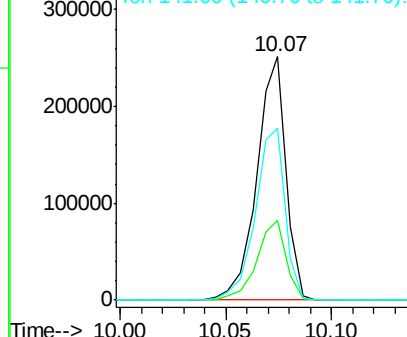
Delta R.T. 0.00 min

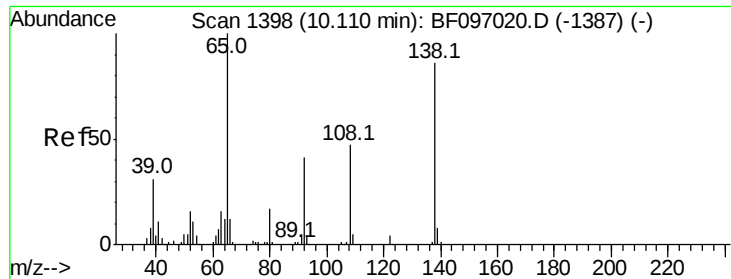
Lab File: BF097031.D

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Tgt Ion:	204	Resp:	240836
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.2	39.2
141	70.8	60.8	91.2

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





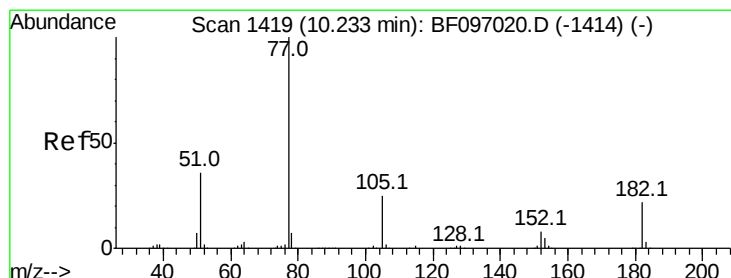
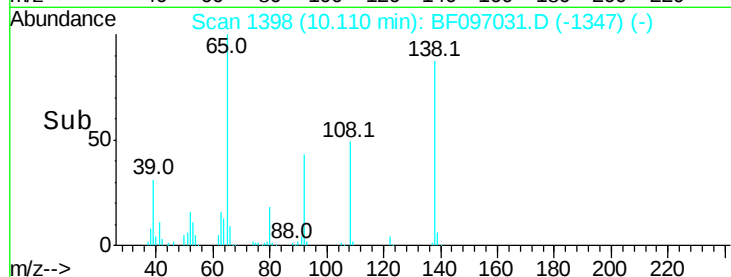
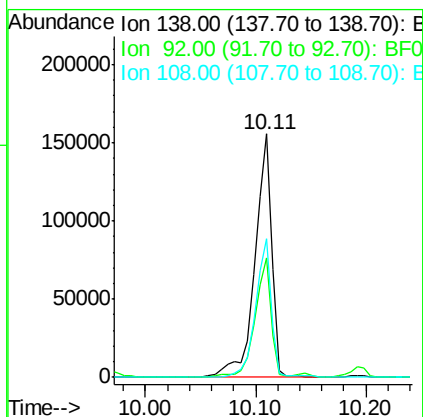
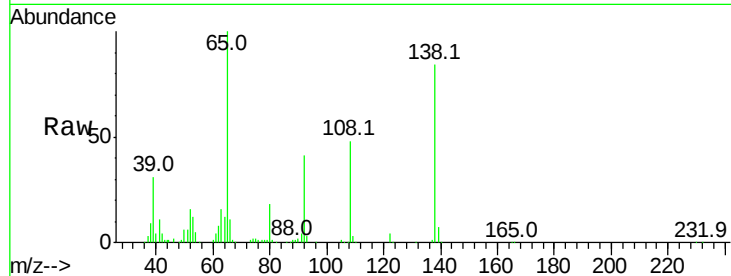
#61
4-Nitroaniline
Concen: 34.023 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.1	21.8	61.8	
108	56.9	42.3	82.3	

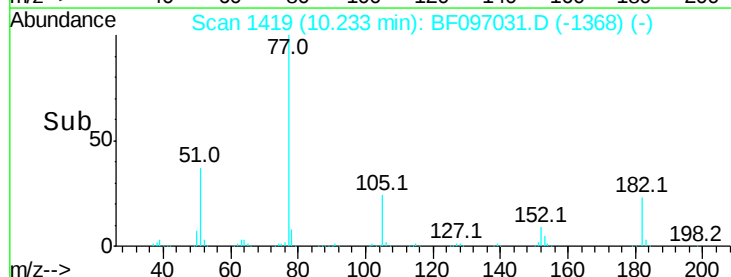
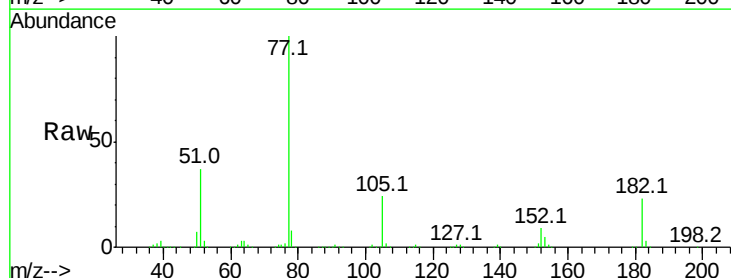
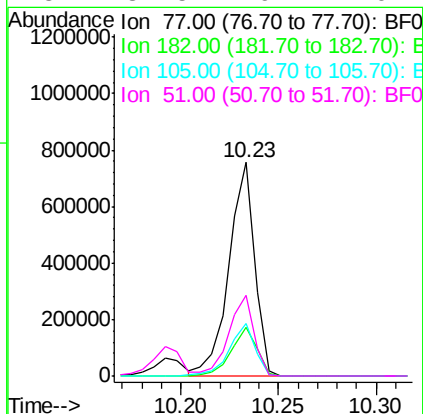
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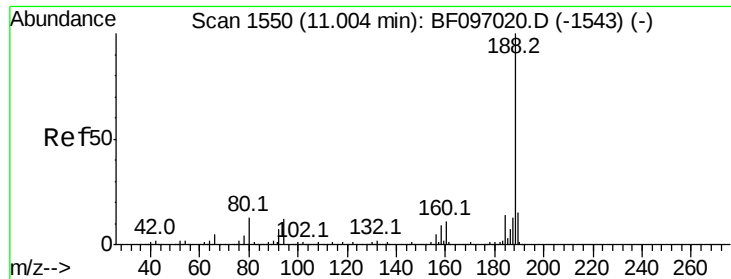
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#62
Azobenzene
Concen: 41.200 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.6	0.1	40.1	
105	24.4	3.6	43.6	
51	37.5	9.4	49.4	





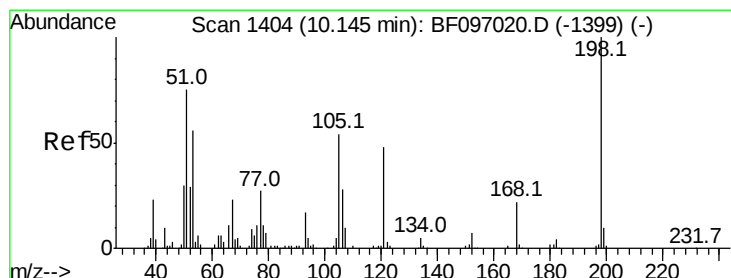
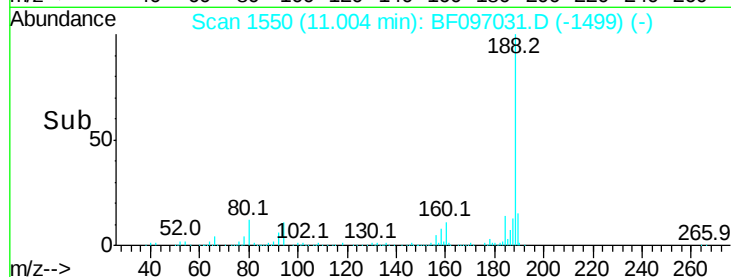
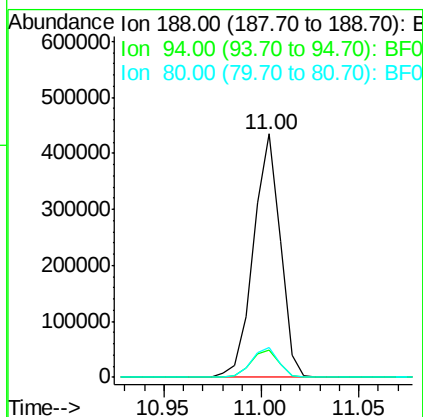
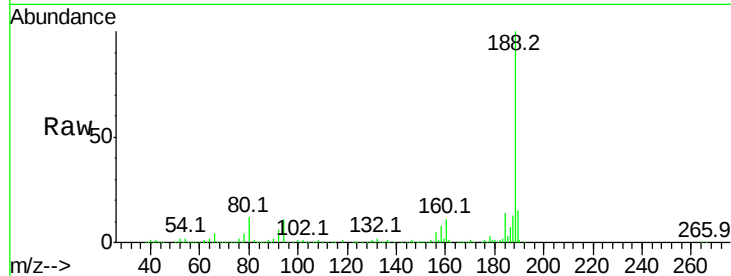
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	12.1	10.2	15.2	

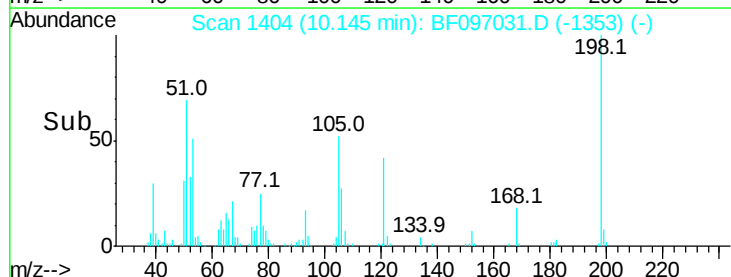
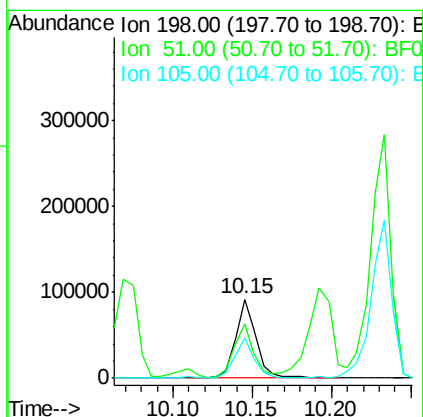
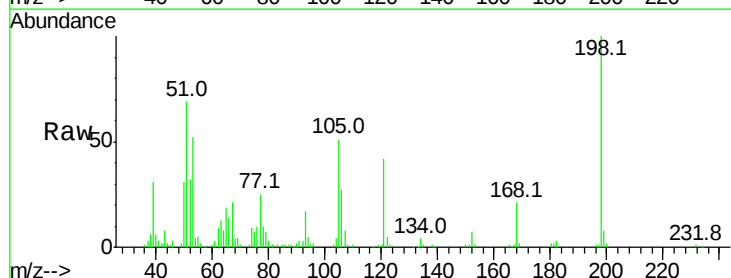
Manual Integrations
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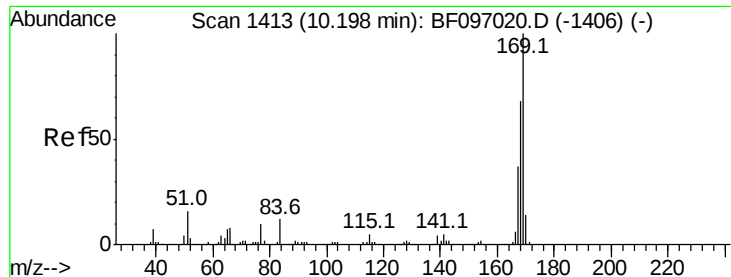
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.780 ng
RT: 10.15 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	69.0	53.2	93.2	
105	51.4	45.8	85.8	





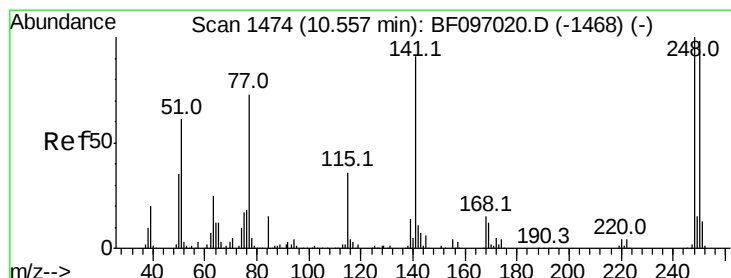
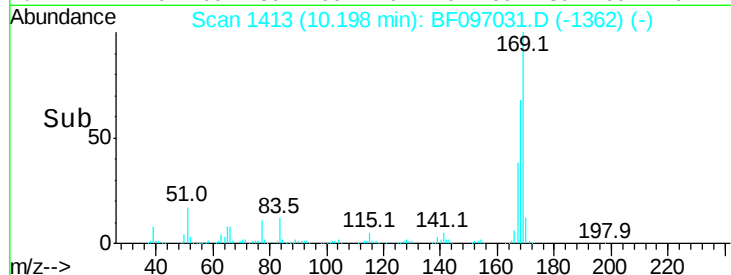
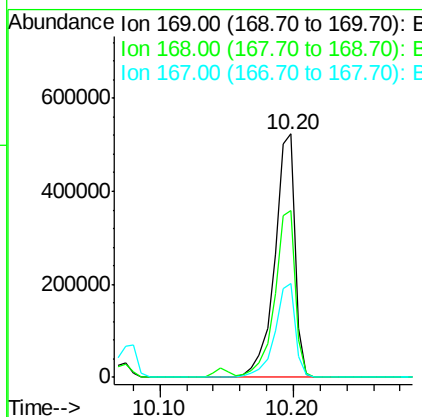
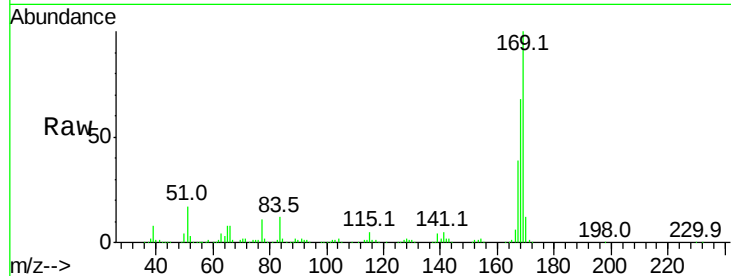
#65
n-Nitrosodiphenylamine
Concen: 38.902 ng
RT: 10.20 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	560529		
168	68.3		53.2	79.8
167	38.5		29.5	44.3

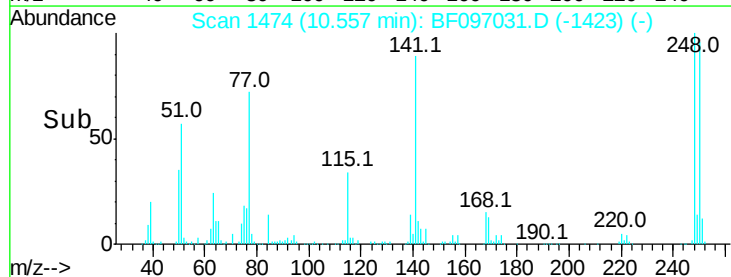
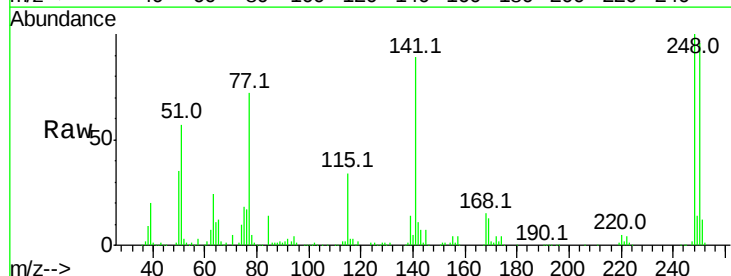
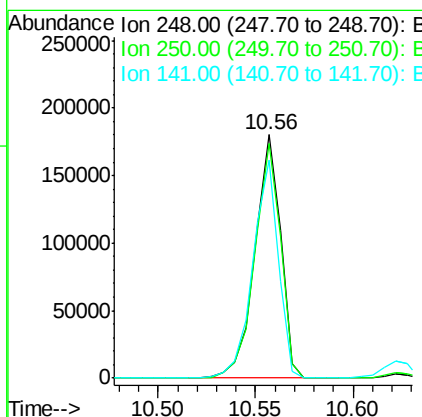
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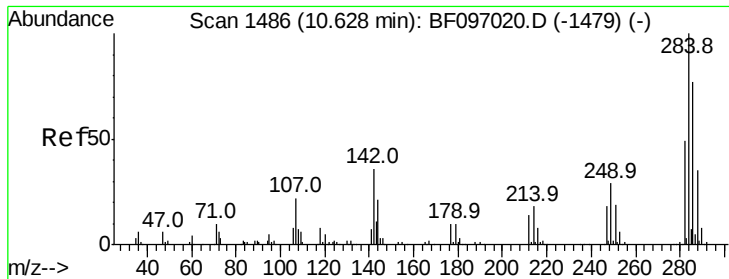
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#66
4-Bromophenyl-phenylether
Concen: 40.088 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	165672		
250	96.5		76.8	115.2
141	89.5		68.6	103.0





#67

Hexachlorobenzene

Concen: 36.735 ng

RT: 10.63 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

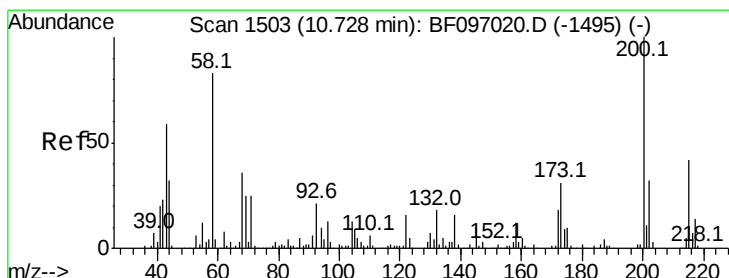
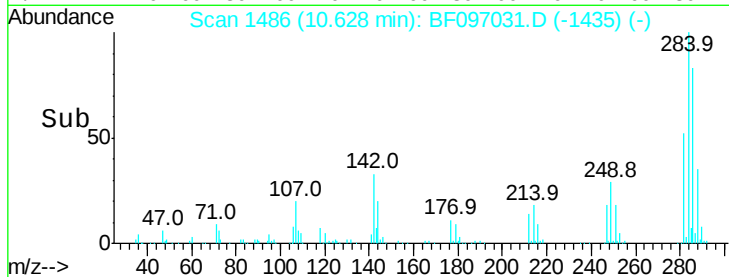
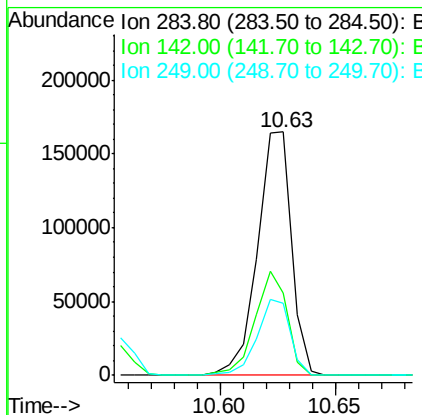
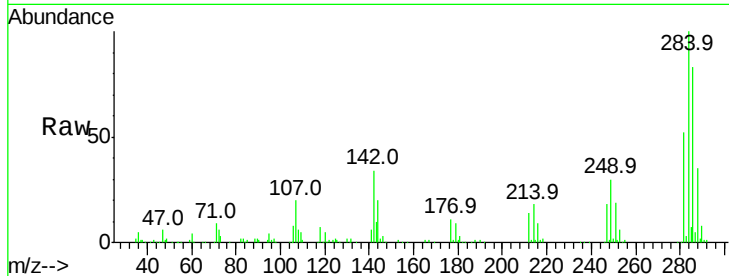
PB100892BSD

Tot Ion:	284	Resp:	170244
Ion Ratio		Lower	Upper
284	100		
142	33.6	22.8	34.2
249	29.5	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 40.238 ng

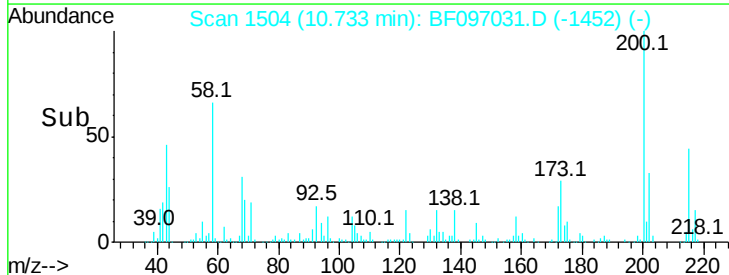
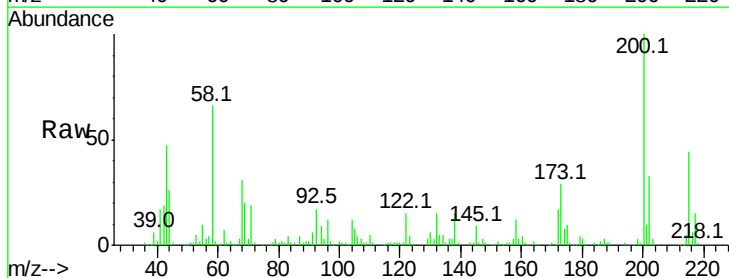
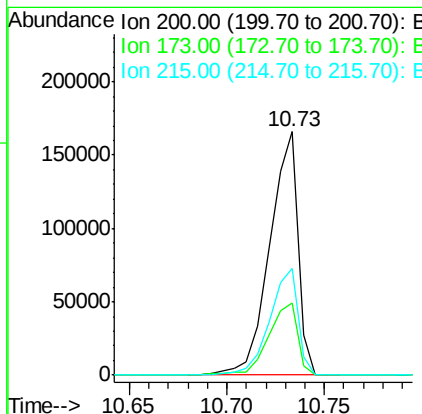
RT: 10.73 min Scan# 1504

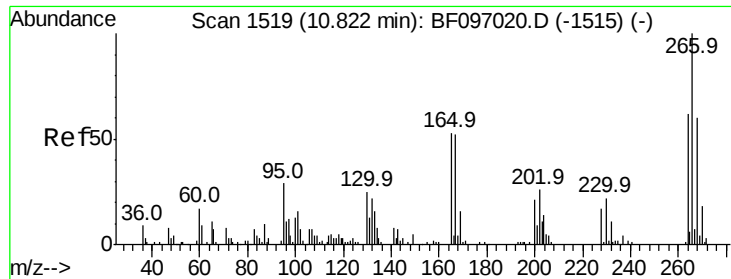
Delta R.T. 0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	200	Resp:	166254
Ion Ratio		Lower	Upper
200	100		
173	29.4	6.3	46.3
215	43.8	27.2	67.2





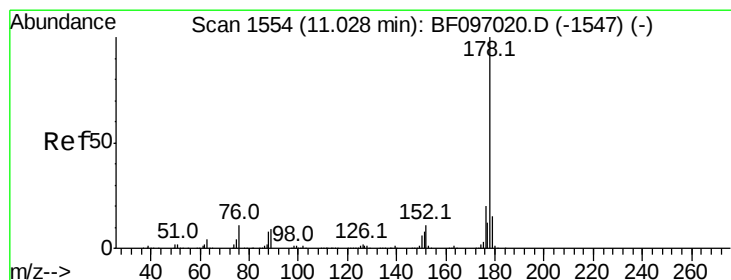
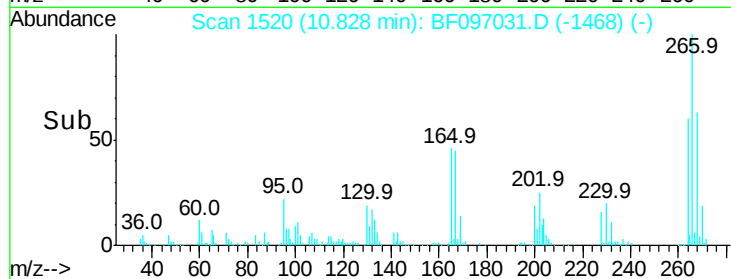
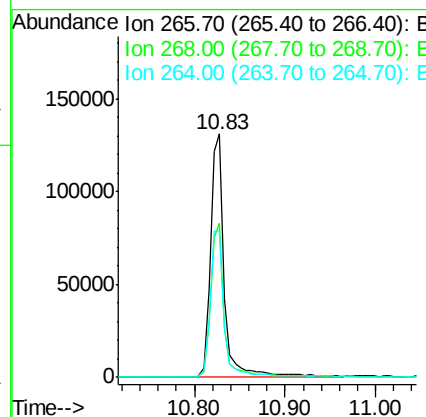
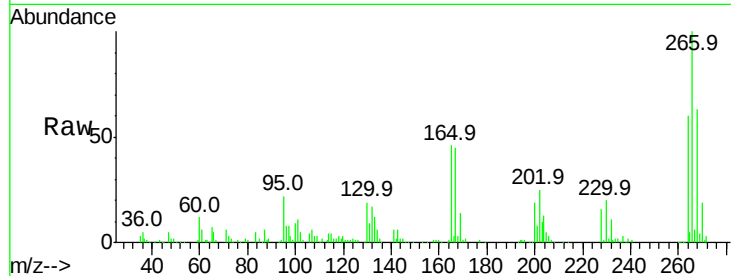
#69
 Pentachlorophenol
 Concen: 74.738 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	143313		
268	63.3	51.1	76.7	
264	59.9	51.7	77.5	

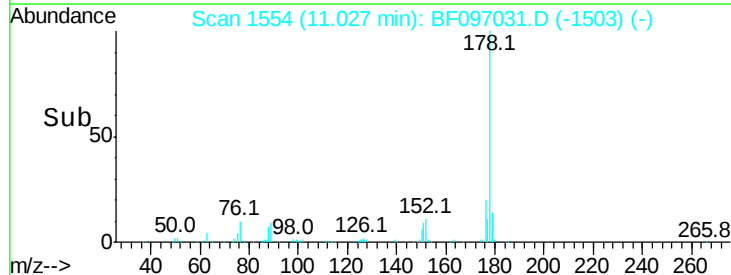
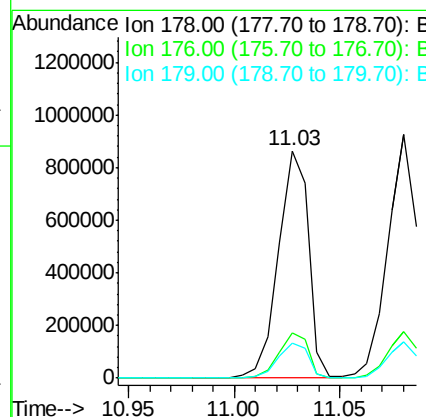
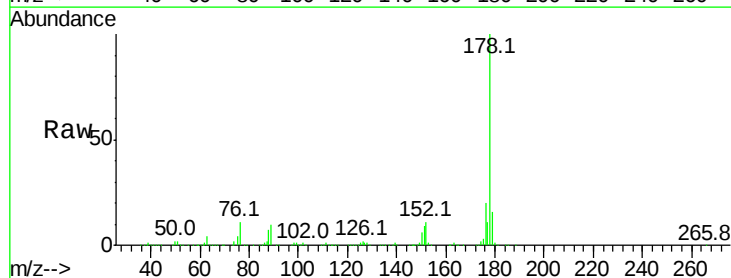
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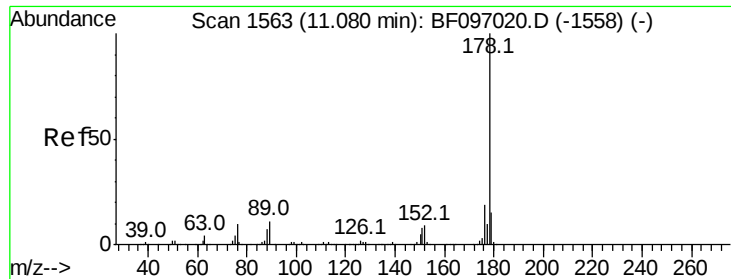
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#70
 Phenanthrene
 Concen: 38.807 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	861058		
176	20.0	16.2	24.4	
179	15.6	12.6	19.0	





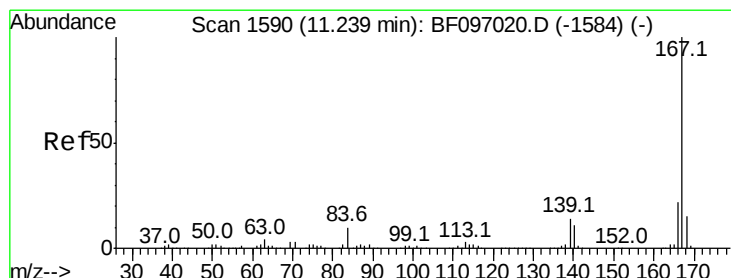
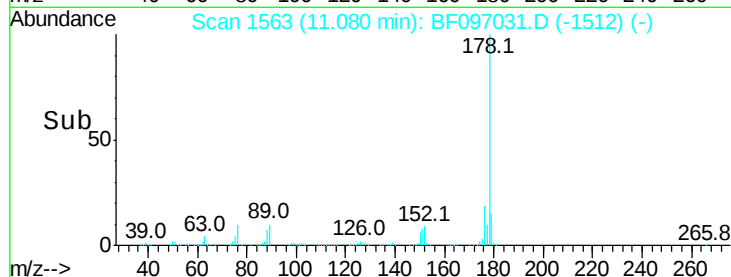
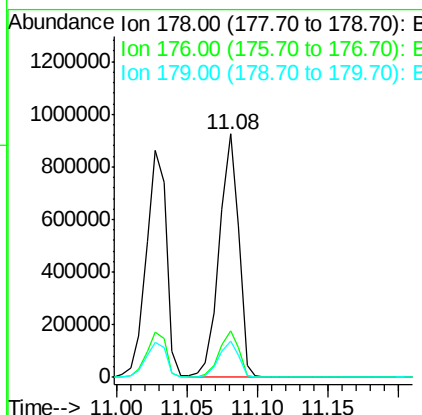
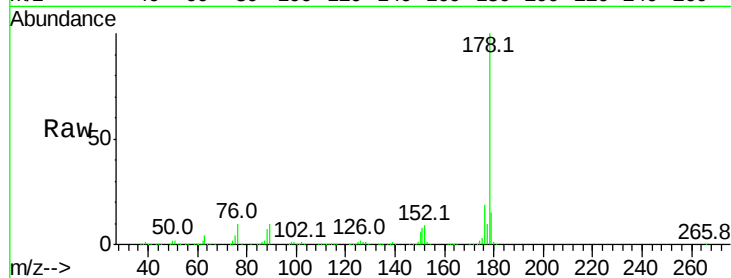
#71
 Anthracene
 Concen: 39.128 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	12.7	19.1

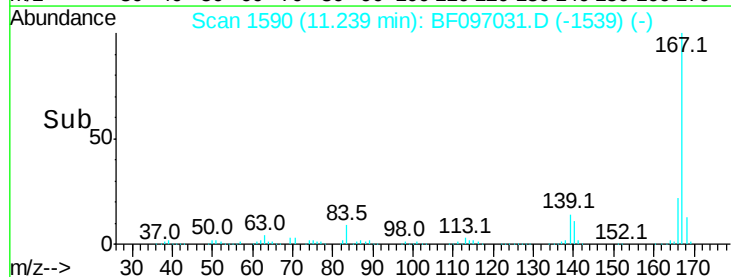
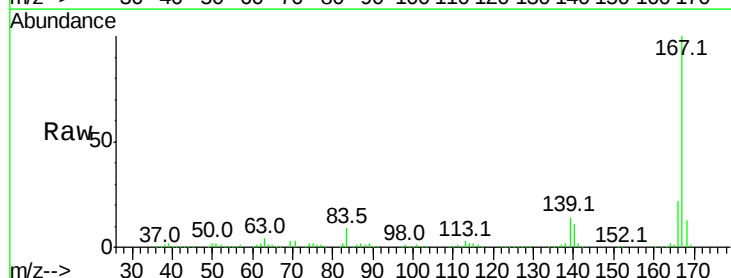
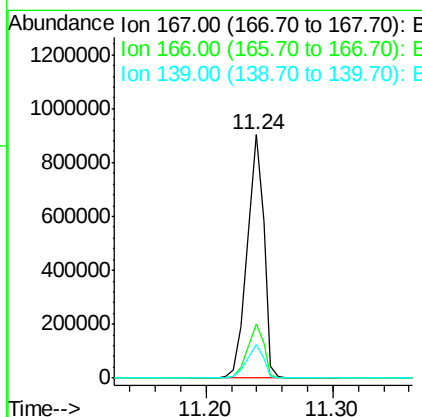
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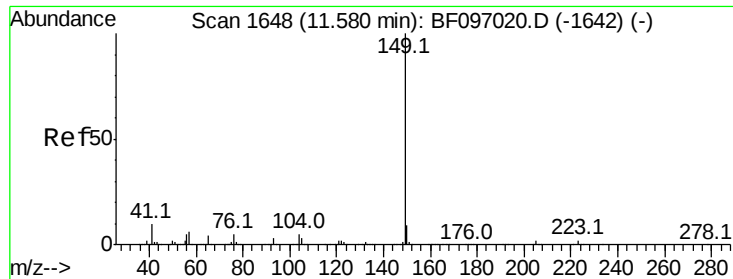
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#72
 Carbazole
 Concen: 36.781 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.1	11.7	17.5





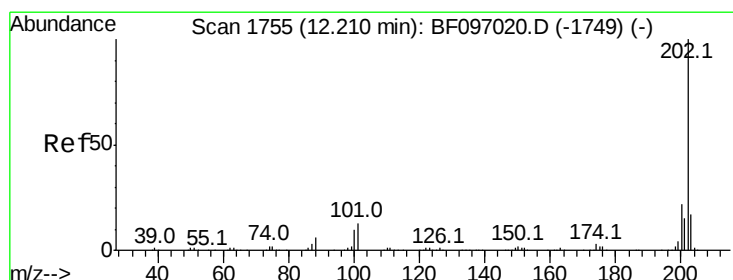
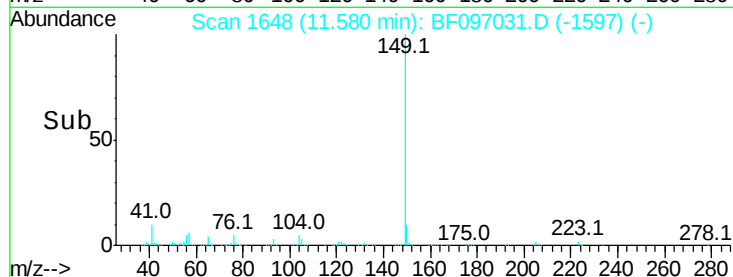
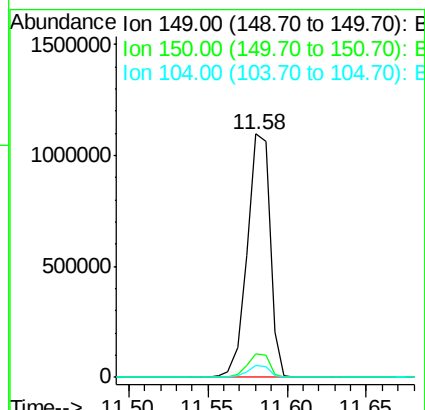
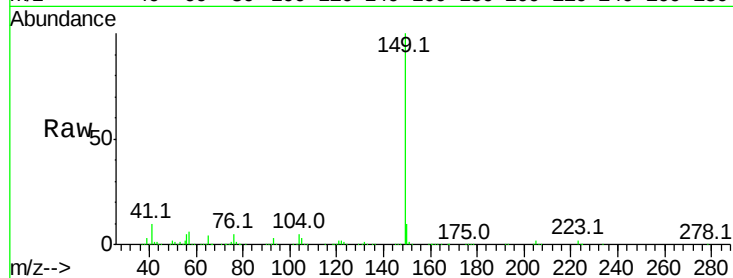
#73
Di-n-butylphthalate
Concen: 39.662 ng
RT: 11.58 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleID :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.7	4.0	6.0

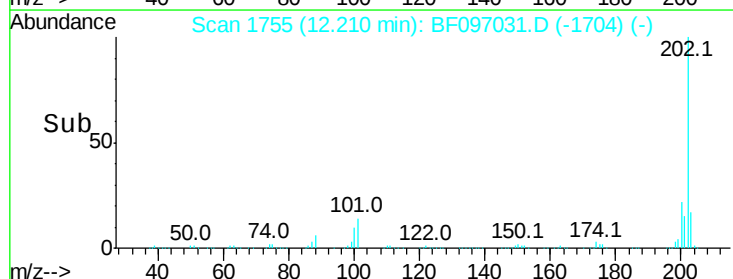
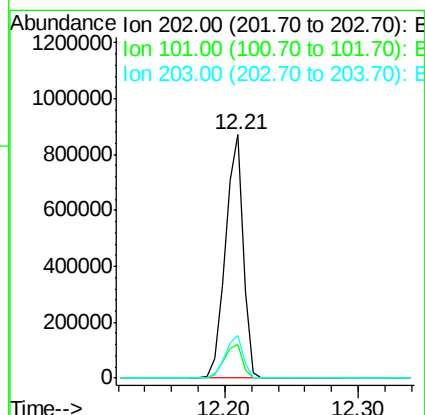
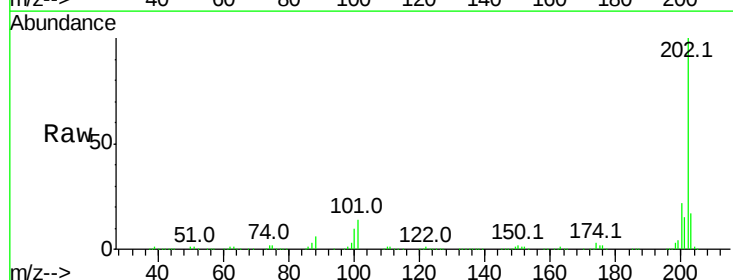
Manual Integrations
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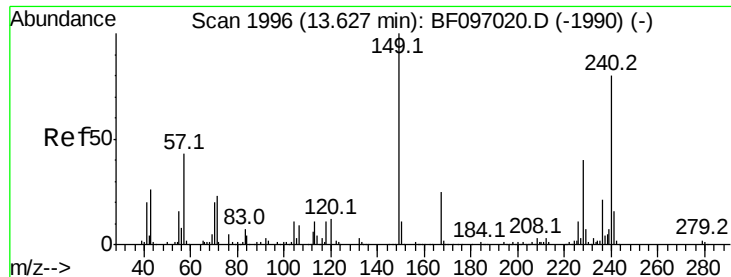
Sohil
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#74
Fluoranthene
Concen: 37.754 ng
RT: 12.21 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB100892BSD

Tot Ion:240 Resp: 244771
Ion Ratio Lower Upper

240 100

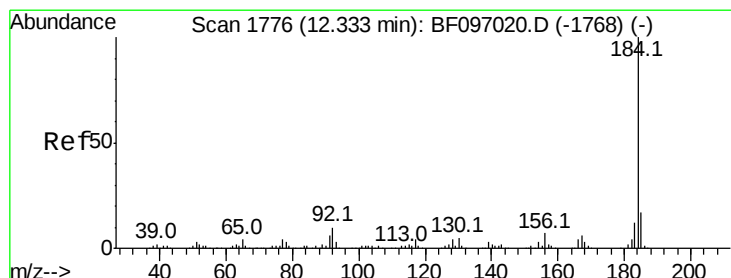
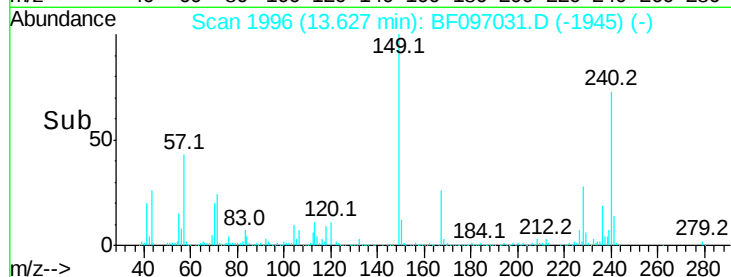
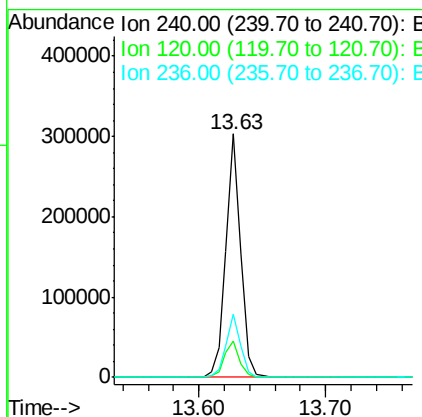
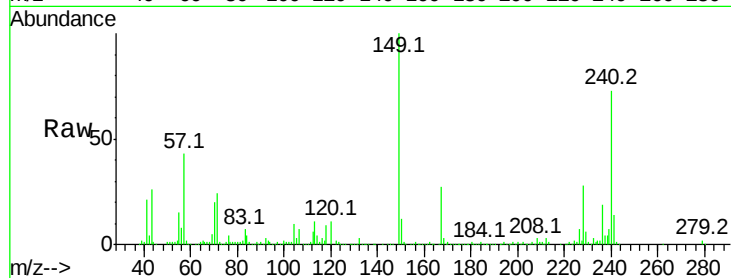
120 14.9 5.8 8.8#

236 25.7 20.5 30.7

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#76

Benzidine

Concen: 28.997 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097031.D

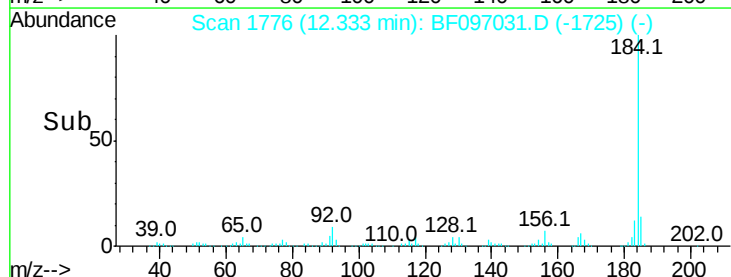
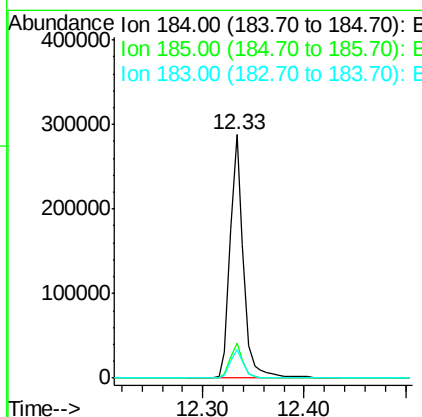
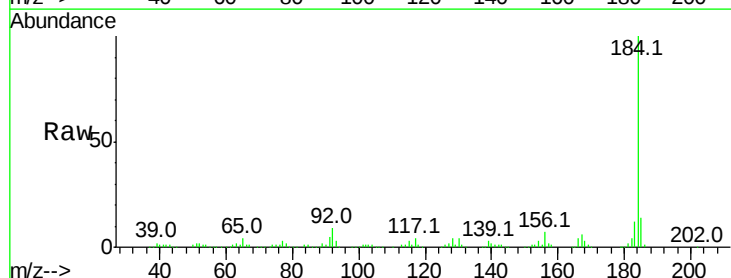
Acq: 25 Jul 2017 16:18

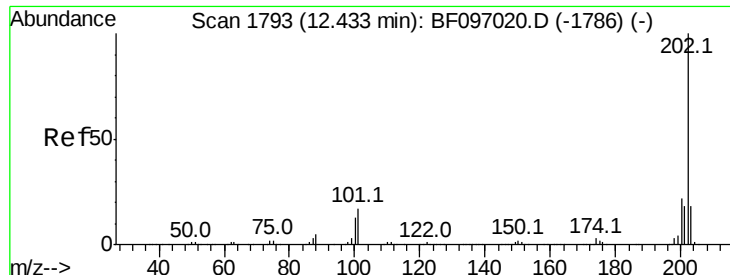
Tgt Ion:184 Resp: 263352
Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

183 11.6 9.8 14.6





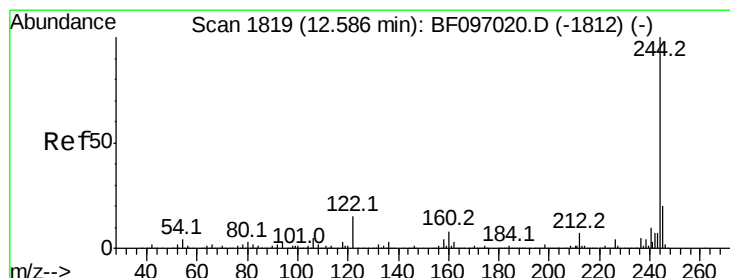
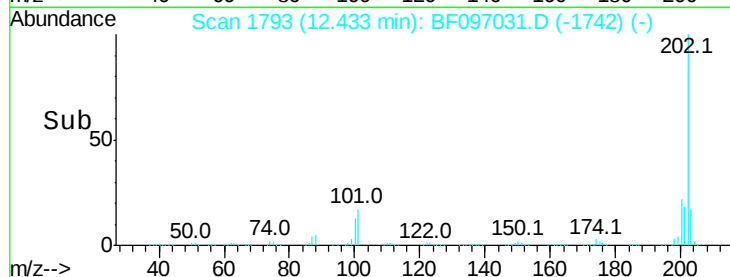
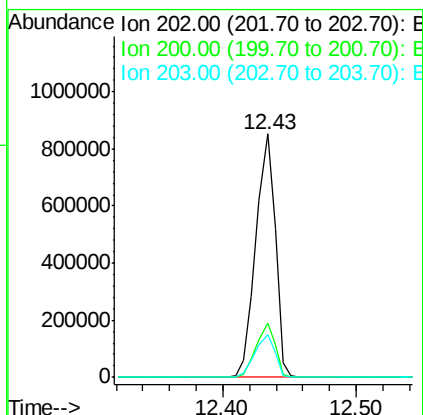
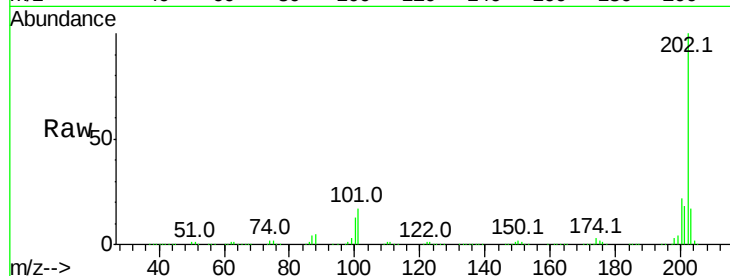
#77
Pvrene
Concen: 42.371 ng
RT: 12.43 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.3	14.4	21.6

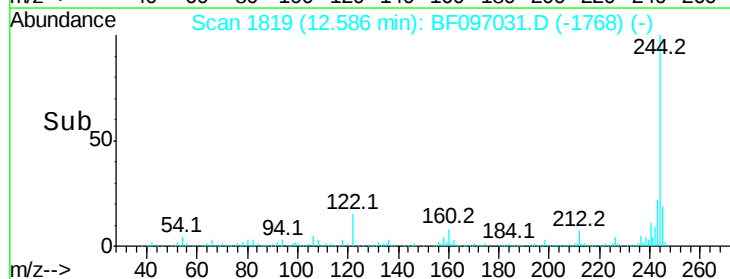
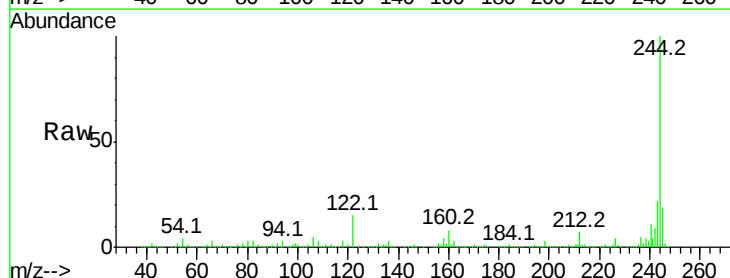
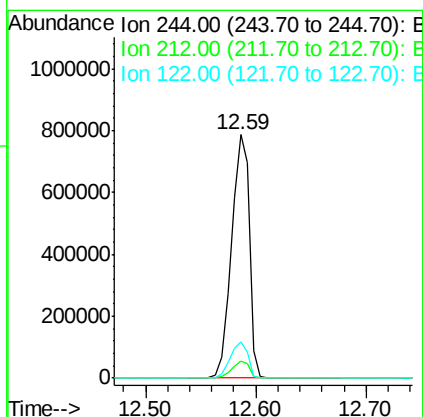
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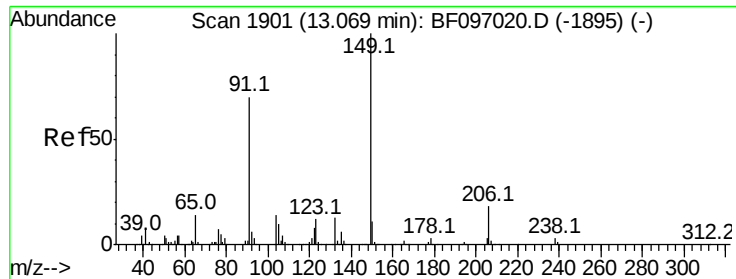
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#78
Terphenyl-d14
Concen: 74.232 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.1	10.3	15.5





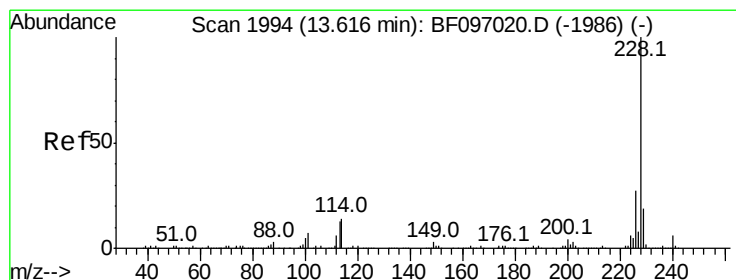
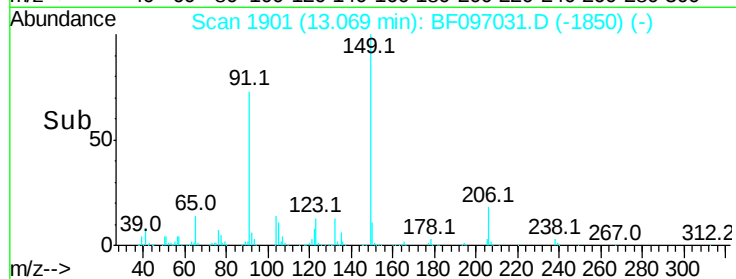
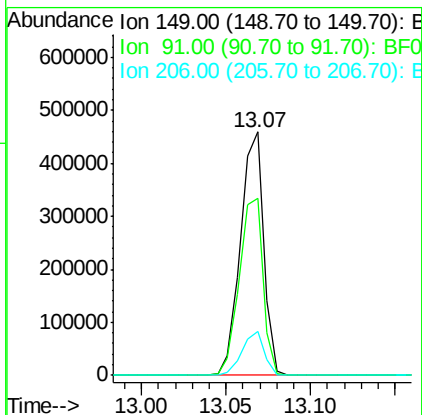
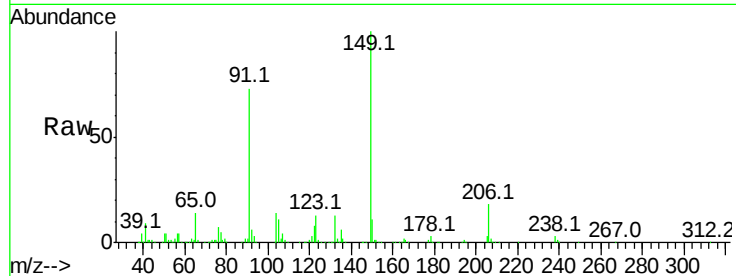
#79
Butylbenzylphthalate
Concen: 43.362 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	45.0	67.4#
206	18.3	17.0	25.6

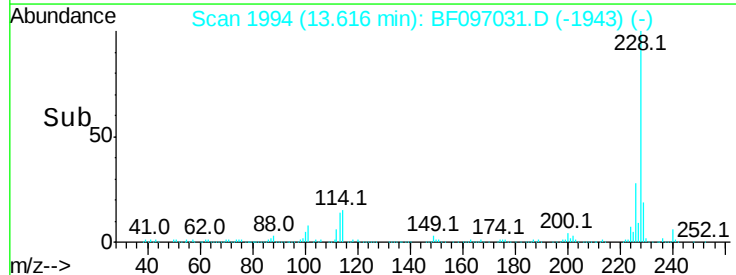
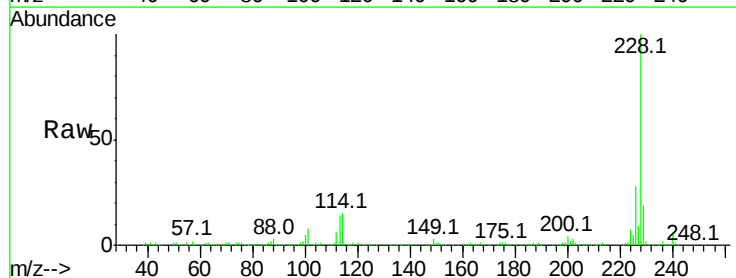
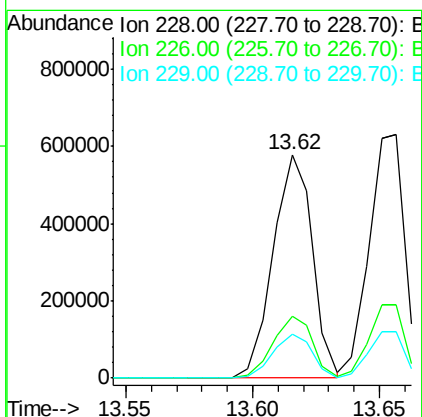
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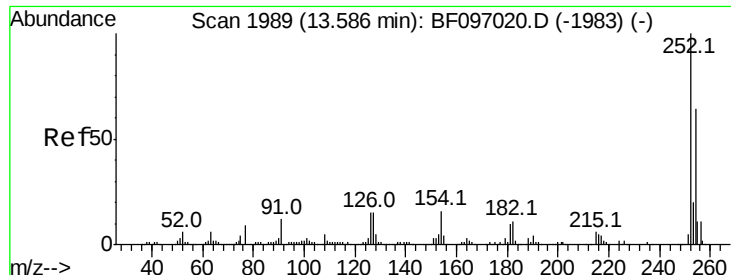
Sohil
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#80
Benzo(a)anthracene
Concen: 39.513 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.4	16.3	24.5





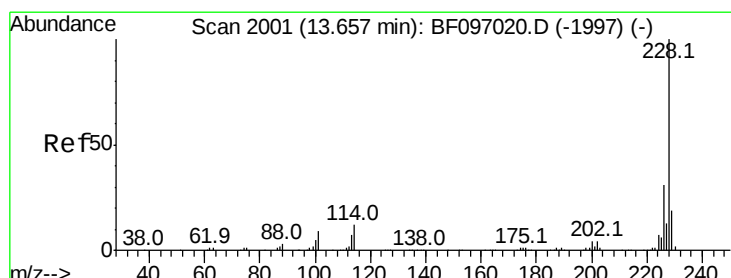
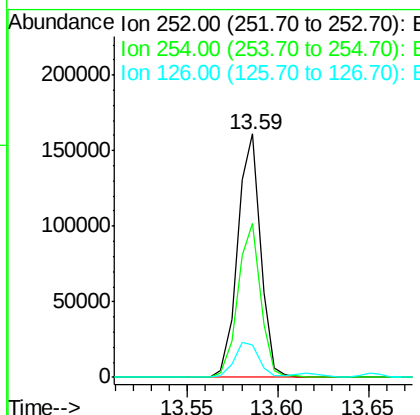
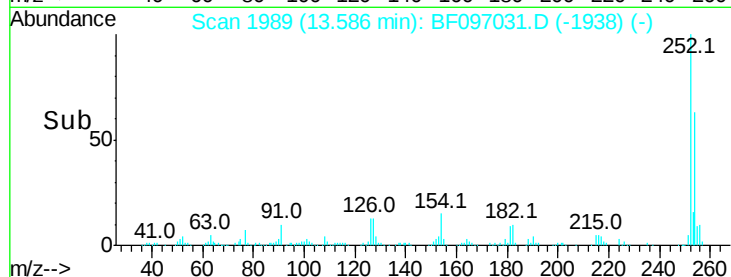
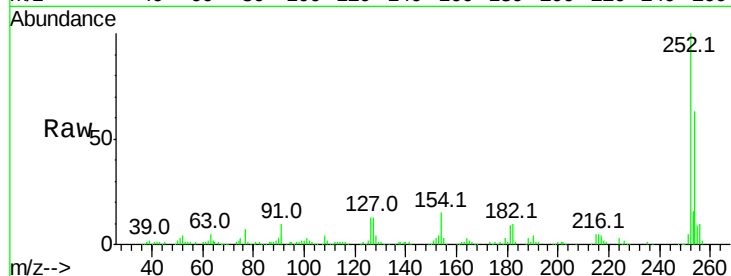
#81
 3,3'-Dichlorobenzidine
 Concen: 23.652 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	51.5	77.3
126	13.4	15.8	23.8

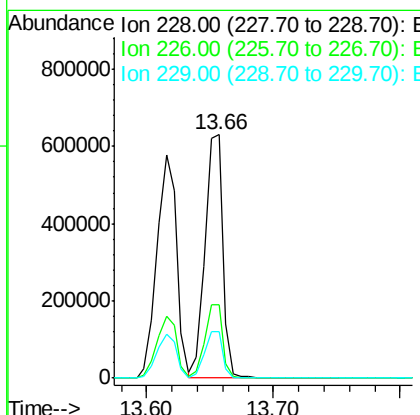
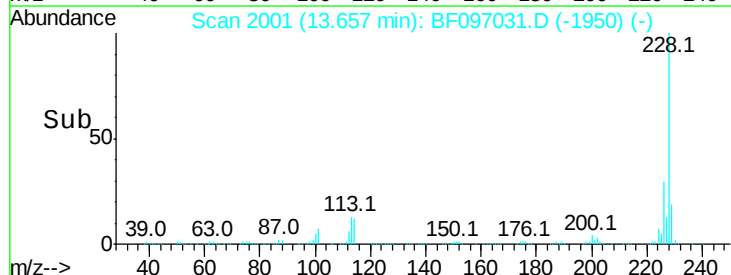
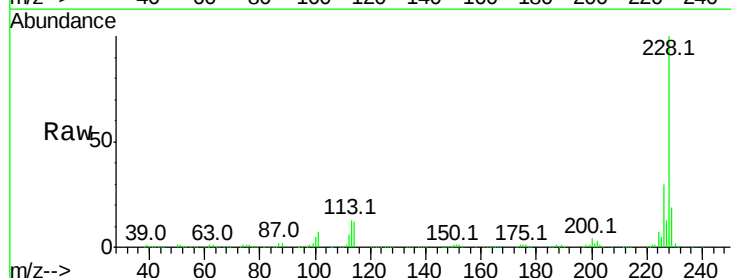
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#82
 Chrysene
 Concen: 40.207 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.1	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.698 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

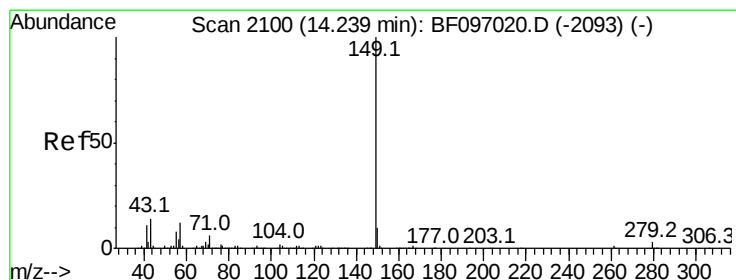
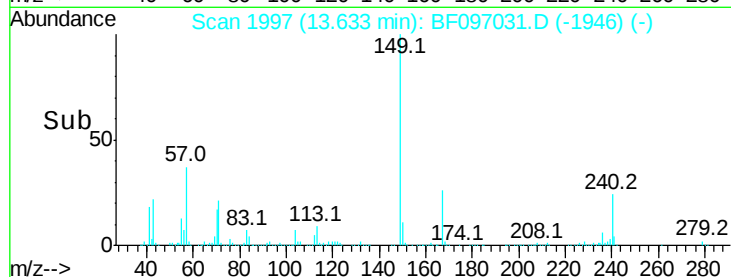
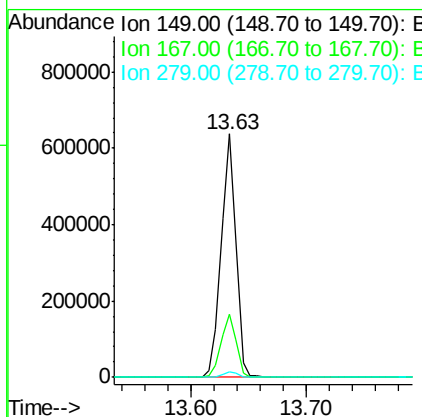
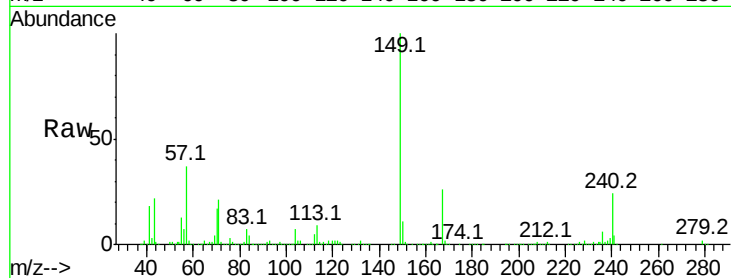
ClientSampleId :

PB100892BSD

Tot Ion:	149	Resp:	568260
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.4
279	2.4	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 41.059 ng

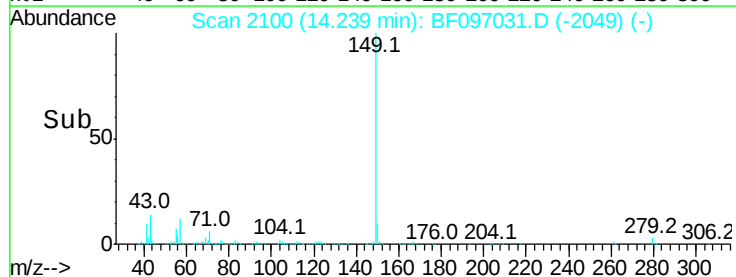
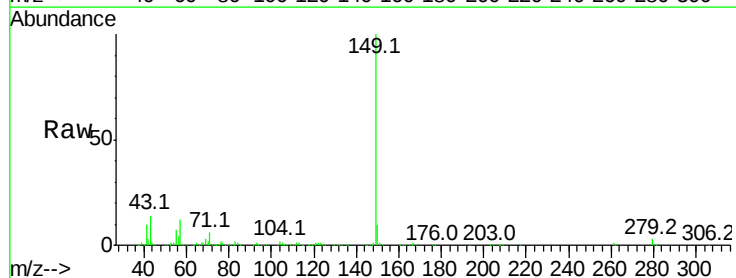
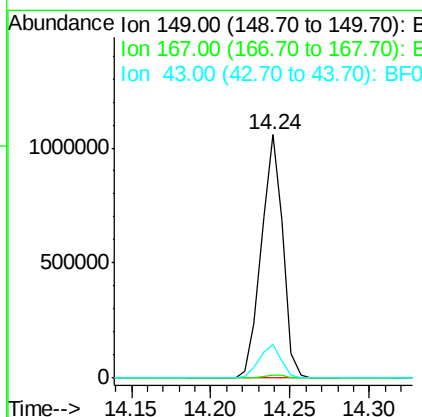
RT: 14.24 min Scan# 2100

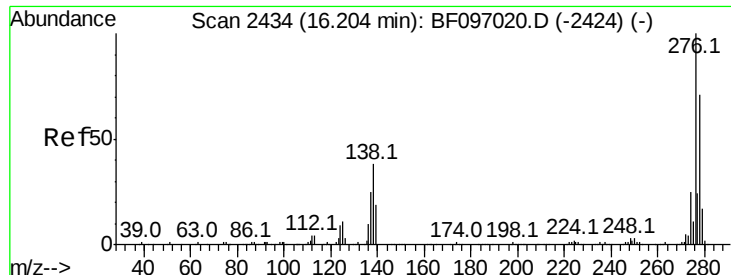
Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	149	Resp:	1002795
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.8	8.5	12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.263 ng

RT: 16.20 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB100892BSD

Tot Ion:276 Resp: 520665

Ion Ratio Lower Upper

276 100

138 38.8 27.8 41.6

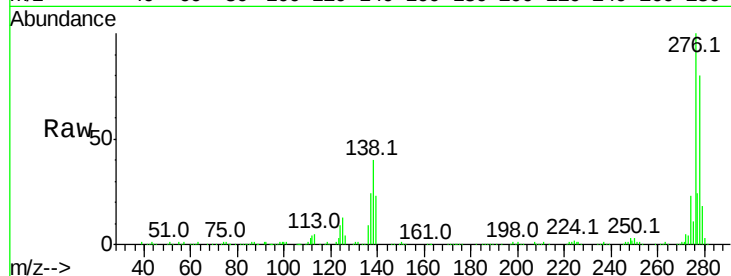
277 24.6 20.2 30.4

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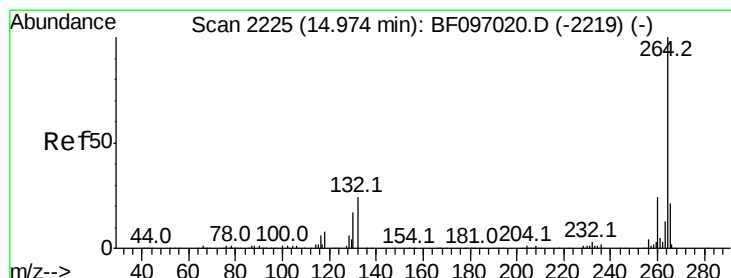
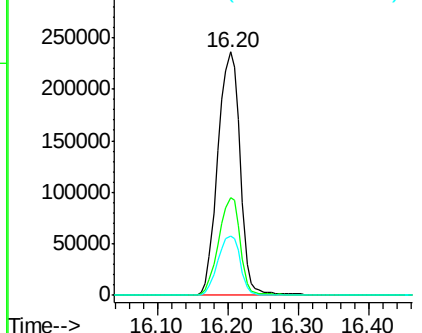
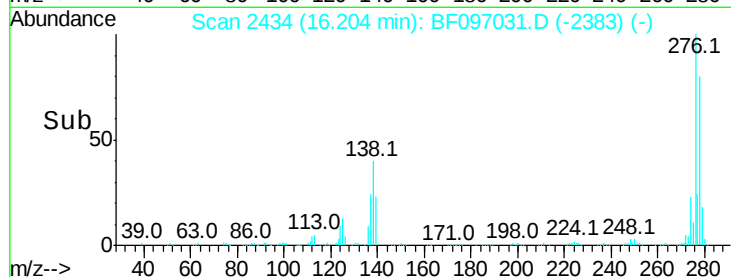
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

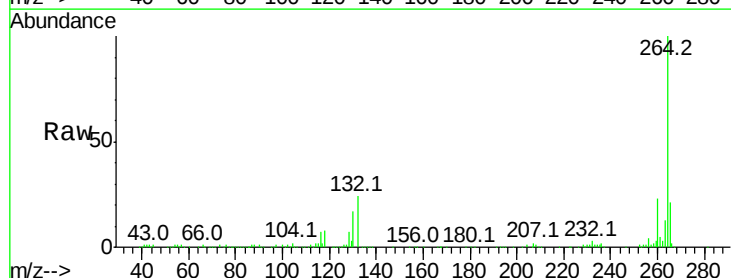
Tgt Ion:264 Resp: 220568

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

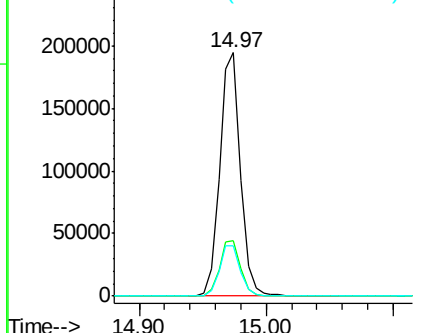
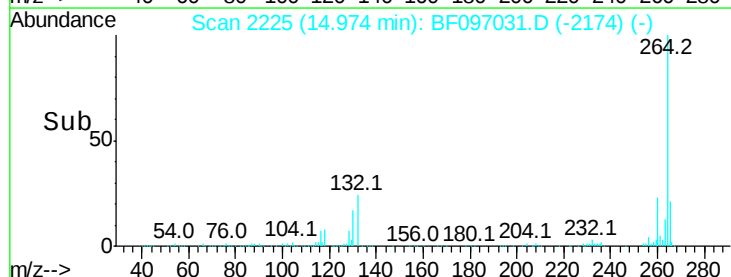
265 20.6 17.2 25.8

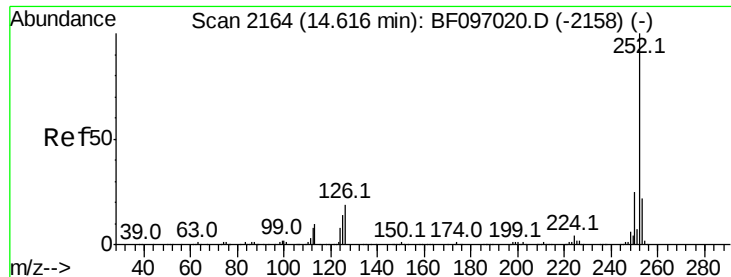


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.780 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_F

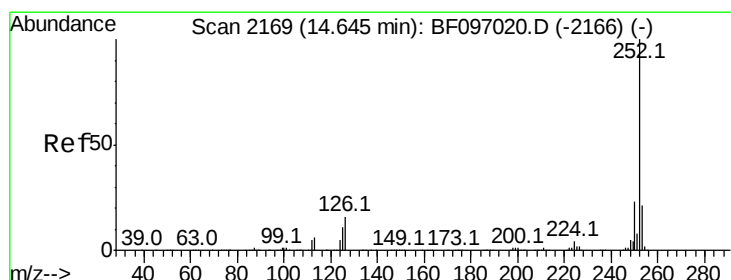
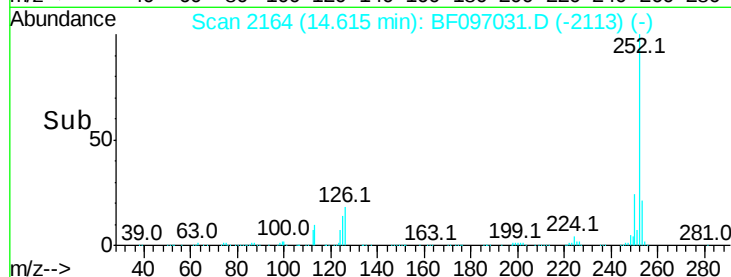
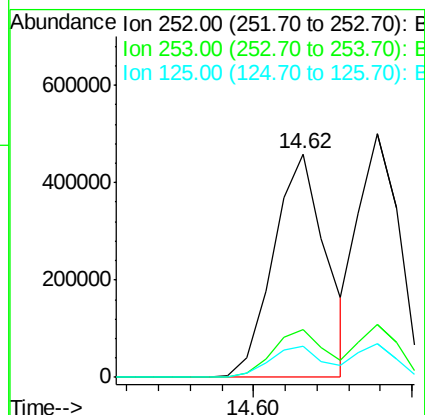
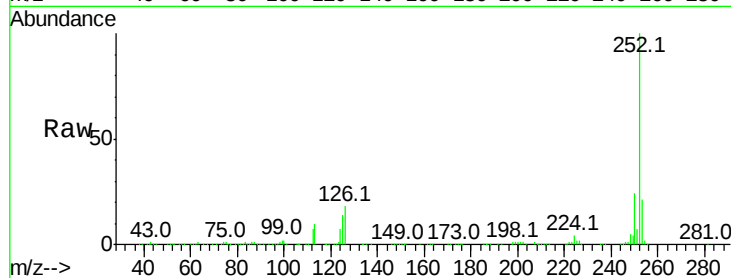
ClientSampleId :

PB100892BSD

Tot Ion:	252	Resp:	527431
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	13.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 35.940 ng

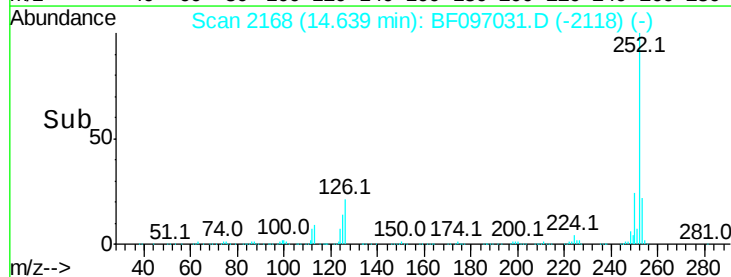
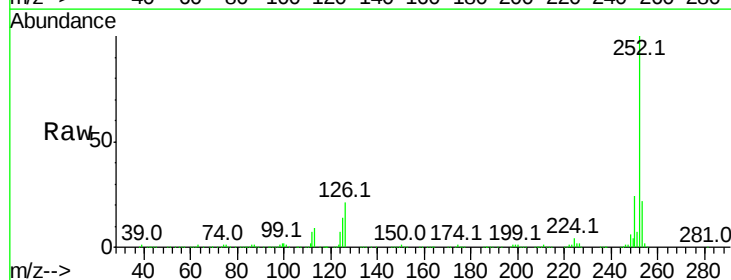
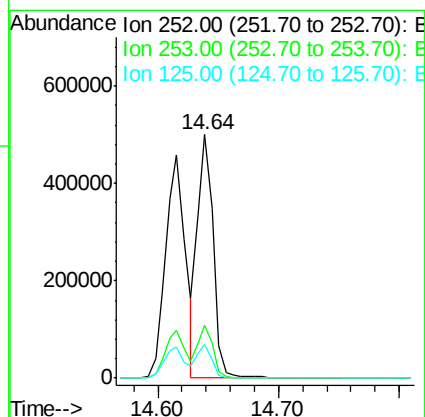
RT: 14.64 min Scan# 2168

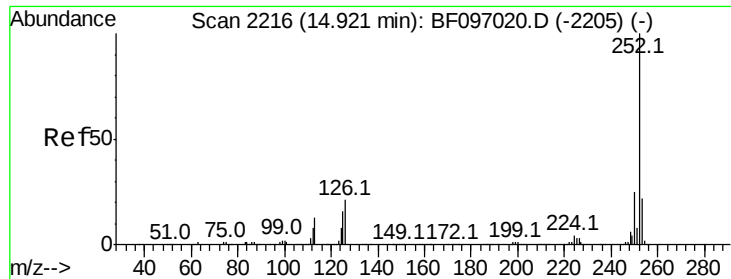
Delta R.T. -0.01 min

Lab File: BF097031.D

Acq: 25 Jul 2017 16:18

Tgt Ion:	252	Resp:	454078
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.8	13.1	19.7





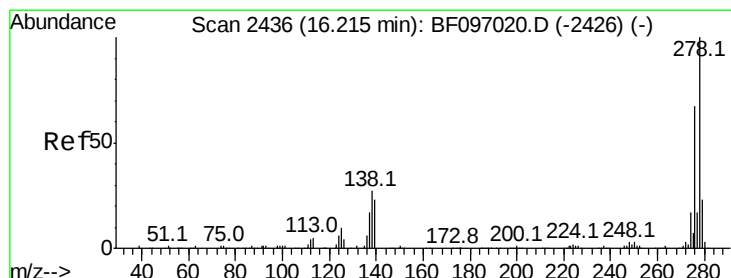
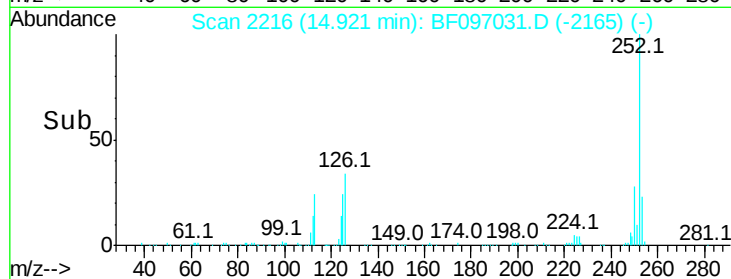
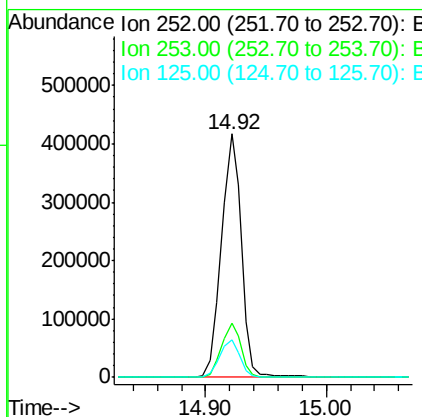
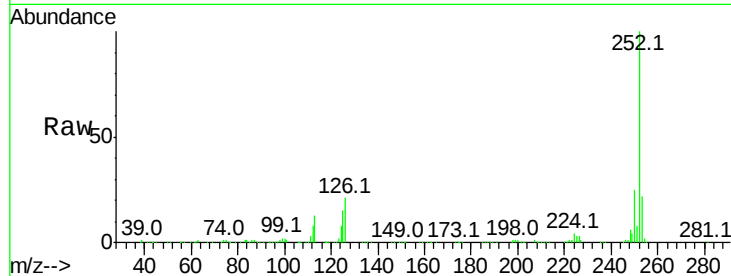
#89
Benzo(a)pyrene
Concen: 39.175 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB100892BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.3	11.0	16.4

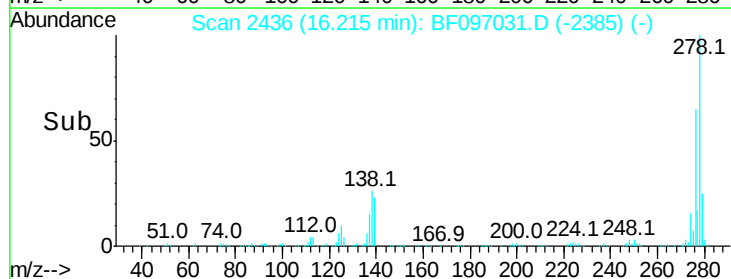
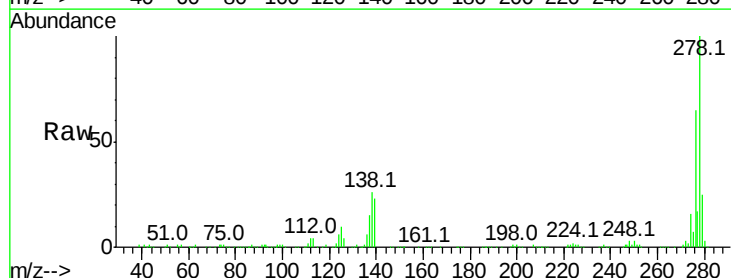
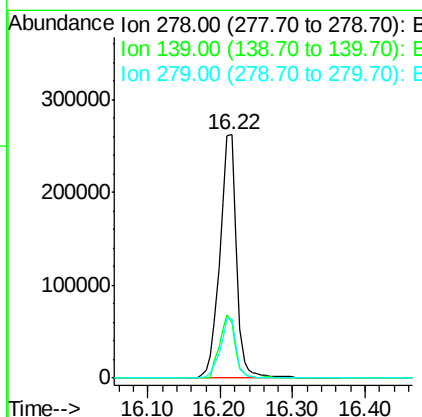
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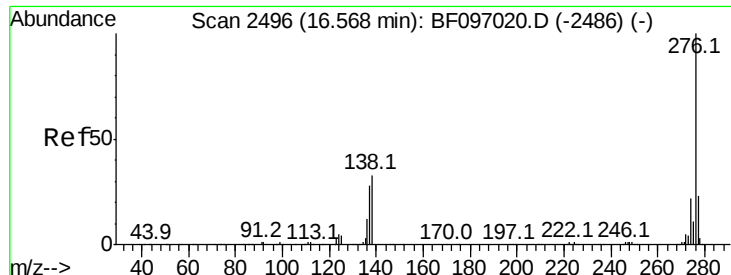
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#90
Dibenzo(a,h)anthracene
Concen: 42.294 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BF097031.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.177 ng
 RT: 16.57 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BF097031.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BSD

Tot Ion:	276	Resp:	450576
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.6	28.0
138	31.5	25.4	38.0

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